



CATERPILLAR

SEBP1296-01

parts

D6D LGP Tractor

Powershift

Powered by 3306 Engine

6X1115-Up (Vehicle)

8Z1827-Up (Engine)

2HA1-Up (Transmission)

7X1920-Up (Hydraulic)

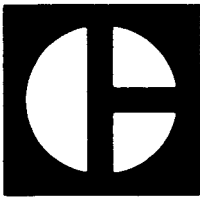
8X5800-Up (Hydraulic)

21H351-Up (Bulldozer)

35U2261-Up (Winch)

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PARTS BOOK

D6D LGP
TRACTOR
POWERED BY
3306 ENGINE

SERIAL NUMBER
6X1115—UP (VEHICLE)
8Z1827—UP (ENGINE)
2HA1—UP (TRANSMISSION)
7X1920—UP (HYDRAULIC)
8X5800—UP (HYDRAULIC)
21H351—UP (BULLDOZER)
35U2261—UP (WINCH)

REVISION PUBLISHED JUNE 1985
CATERPILLAR TRACTOR CO.
PUBLICATIONS DIV.—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 Within each illustration is a **Part Names** 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

▲ Symbole utilisé pour attirer l'attention sur une information supplémentaire figurant ailleurs dans l'illustration.
●
R.H. Côté droit Vu à partir du
L.H. Côté gauche 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 Los distribuidores Caterpillar en todo el mundo tienen disponibles piezas de **REPUESTOS** 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 Los Catálogos de Piezas **ESTE CATALOGO** 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 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.
● Lado derecho. Se refiere al lado izquierdo, de la máquina, visto desde el compartimiento del operador.

R.H. Lado derecho.
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 numa 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

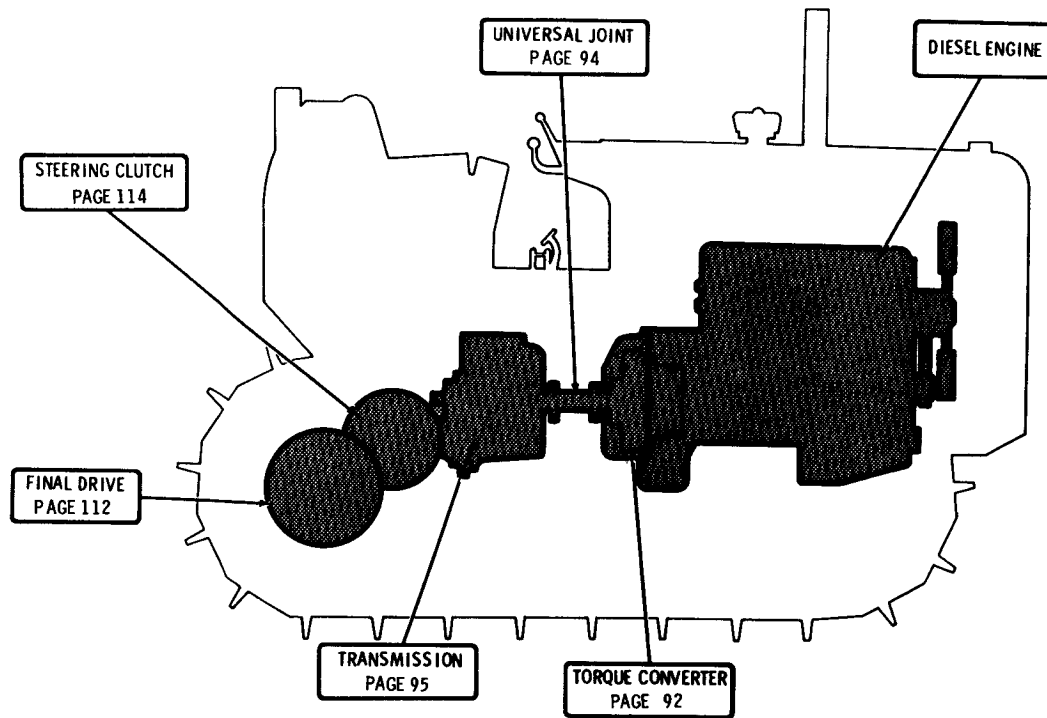
Hinweis: Verbesserungen, die ständig an unseren Geräten vorgenommen werden, können Änderungen an Ihrem Gerät zur Folge haben, die möglicherweise in dieser Veröffentlichung nicht erwähnt sind. Jede Veröffentlichung wird nach Bedarf überarbeitet und erneuert. Änderungen werden in späteren Ausgaben berücksichtigt.

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	2	66
BREATHERS			
Crankcase — Breather Assem.	8S248	1	31
Bevel Gear Case	3D9142	1	126
COOLING SYSTEM			
Relief Valve Assem.	2S3080	1	32
FILTERS			
Air Cleaner			
Element Assem. — Primary	1P7716	1	41
Element Assem. — Secondary	1P7360	1	41
Cab Pressurizer — Filter Assem.	2V36 & 6P1319	2	225
		1	224
Crankcase — Filter Assem.	2P4004	1	28
Fuel			
Filter Assem.	1P2299	1	61
Hydraulic			
Tank — Element Assem.	4J816 or	2	158
(Use with Fire Resistant Fluid)	3G5653	2	158
Transmission & Steering Clutch			
Element Assem.	4J6064 or	1	113
(Use with Fire Resistant Fluid)	1U2094	1	113
Screen	3S3875	1	113
Seal	5F149	1	113
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		1	158
Radiator Filler Cap	2P3230	1	33
Valve Cover	8S1605	1	14
HOSES — Fumes Disposal	8S780	10.16 cm	31
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VEE BELTS			
Alternator & Fan	7M4707	(Includes 2 Belts)	16
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WINDSHIELD WIPER BLADE	9D1242 & 5P5436	2	229
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Power Train

230824

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CATERPILLAR D6D LGP TRACTOR

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1	6N8079	CRANKSHAFT GROUP	9
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LOWER STRUCTURE

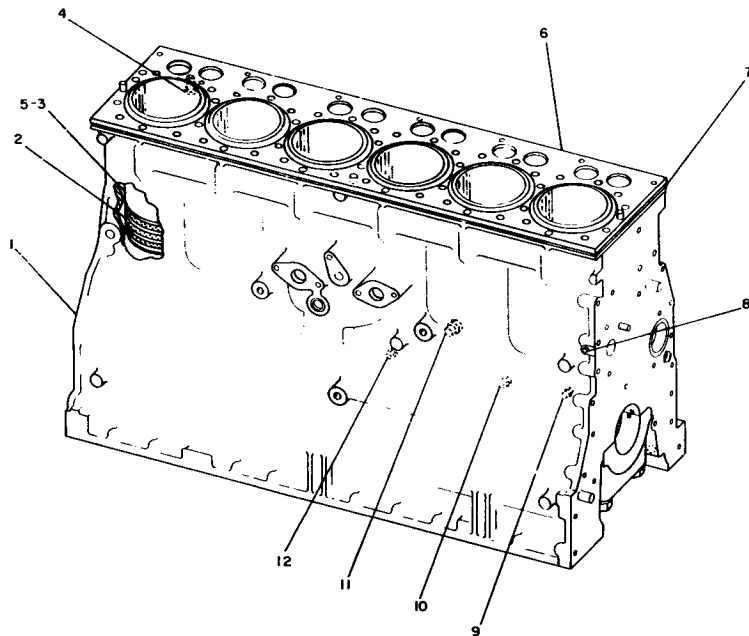
1	2P6152	OIL PAN GROUP	25
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7N1398 ENGINE ARRANGEMENT—Part 1

3306 Engine Serial No. 8Z1827—Up. NOTE: WHEN ORDERING PARTS GIVE
ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:		PAGE
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1	7N3616 DRAIN LINES GROUP	60

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

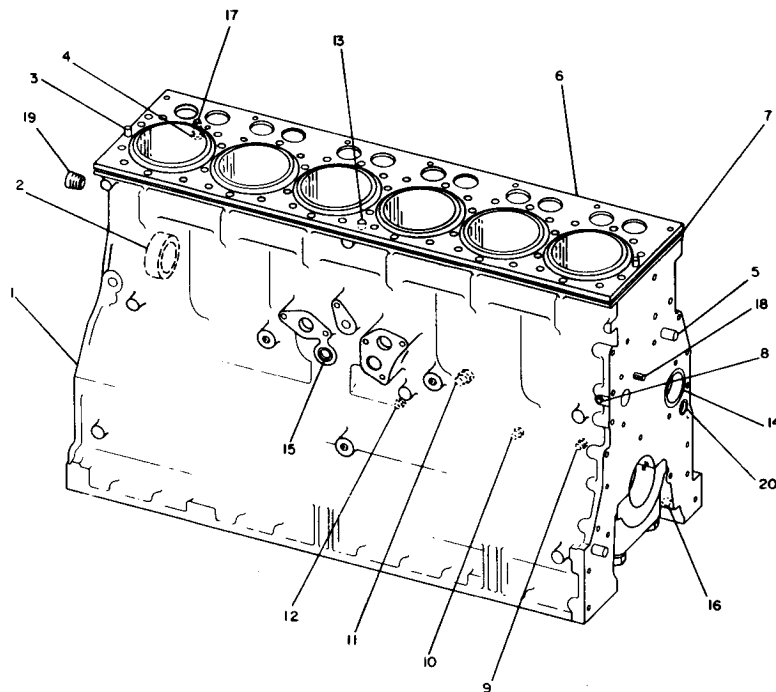


REF NO	PART NUMBER	DESCRIPTION	QTY
1	6N8124	BLOCK ASSEM. (Separate Illustration)	1
2	5S6670	SEAL	18
3	2P8889	LINER	6
4	3S5496	SEAL	1
5	9L5854	BAND	6
6	7N7998	PLATE	1
7	7N7997	GASKET	1
8	5M6214	PLUG	1
9	7H3171	PLUG	1
10	5M6213	PLUG	4
11	8M9307	PLUG	1
11	6F7062	GASKET	1
12	3J5389	PLUG	2

222405

7N8016 CYLINDER BLOCK GROUP
Engine Serial No. 8Z1827 to 8Z2961 inclusive
6N8124 Block parts are shown on Page 7

7N8016 CYLINDER BLOCK GROUP
Engine Serial No. 8Z2962—Up
7N6550 Block parts are shown on Page 6B

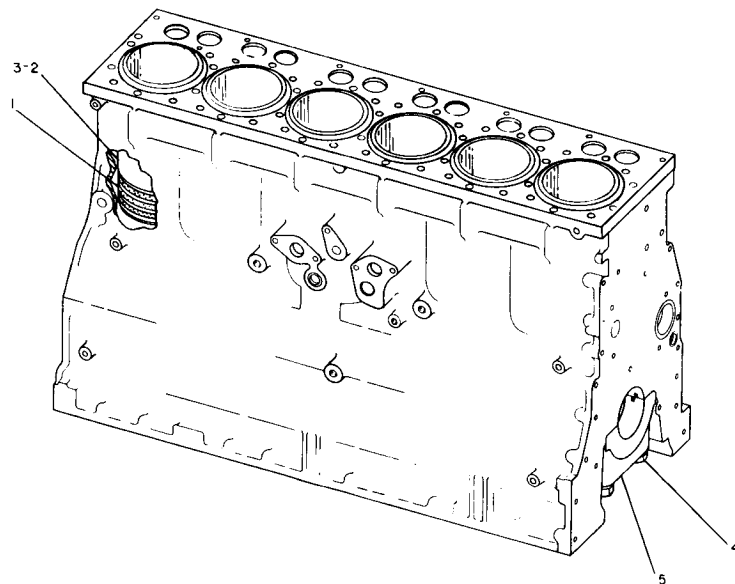


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N6550	BLOCK ASSEM.----- (Separate Illustration)	1
2	7M4046	BEARING-----	4
3	8K1207	DOWEL-----	2
4	3S5496	SEAL-----	1
5	8B6349	DOWEL-----	2
6	7N7998	PLATE-----	1
7	7N7997	GASKET-----	1
8	5M6214	PLUG-----	1
9	7H3171	PLUG-----	1
10	5M6213	PLUG-----	4
11	8M9307	PLUG-----	1
12	6F7062	WASHER-----	1
13	3J5389	PLUG-----	2
14	5B7652	DOWEL-----	2
15	8N4110	BEARING-----	1
16	4B5387	PLUG-----	2
17	4B9782	BALL-----	1
18	1S9540	DOWEL-----	1
19	5S8462	STUD-----	1
C 19	3J6019	PLUG-----	1
C 20	4B3938	PLUG-----	1

C INDICATES CHANGE

301741

BASIC ENGINE



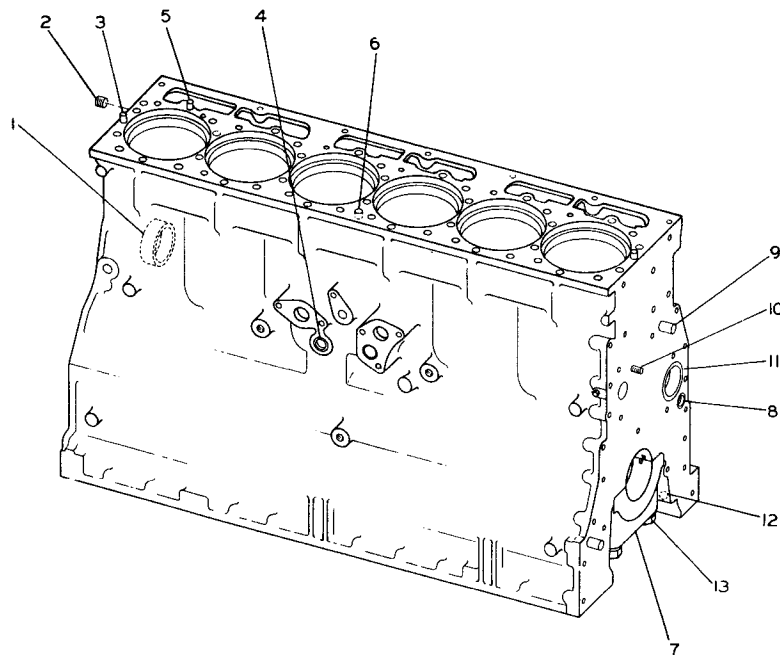
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5S6670	SEAL-----	18
2	2P8889	LINER-----	6
3	9L5854	BAND-----	6
4	7S3224	BOLT-----	14
	2S5658	WASHER-----	14
5	6N8003	CAP-----	7

231970

7N6550 CYLINDER BLOCK ASSEMBLY
 Engine Serial No. 8Z2962—Up

Part of 7N8016 Cylinder Block Group shown on Page 6A. For Field Replacement order 1N3576 shown on Page 6C

1N3576 CYLINDER BLOCK GROUP
Engine Serial No. 8Z2962—Up
 Provides Field Replacement for 7N6550 shown on Page 6B

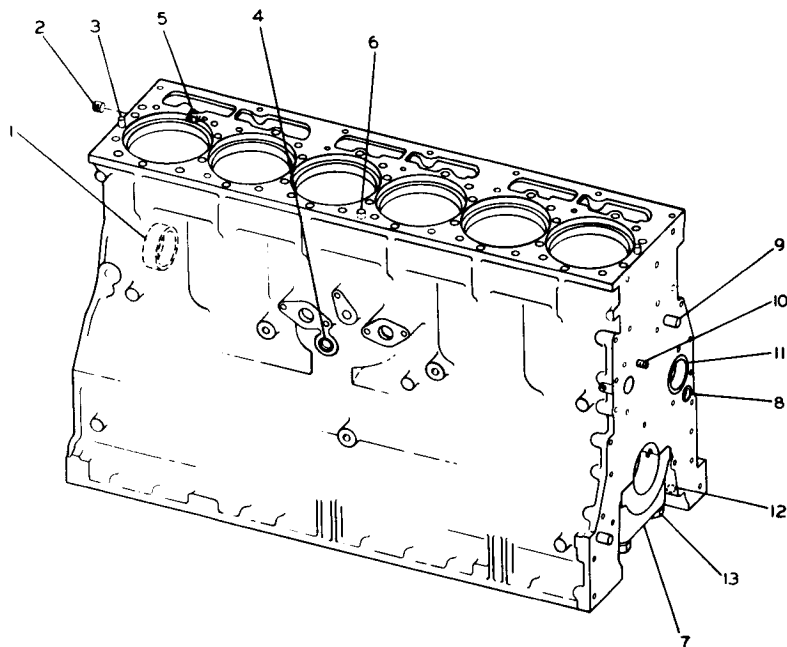


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7M4046	BEARING-----	4
2	2B858	PLUG-----	1
3	8K1207	DOWEL-----	2
4	4B5387	PLUG-----	1
5	1S9540	DOWEL-----	1
6	5B7652	DOWEL-----	2
7	6N8003	BEARING CAP-----	7
8	4B3938	PLUG-----	1
9	8B6349	DOWEL-----	2
10	5S8462	STUD-----	1
11	8N4110	BEARING-----	1
12	4B9782	BALL-----	1
13	7S3224	BOLT-----	14
	2S5658	WASHER-----	14

231968

BASIC ENGINE

6N8124 CYLINDER BLOCK ASSEMBLY
 Part of 7N8016 Cylinder Block Group shown on Page 6



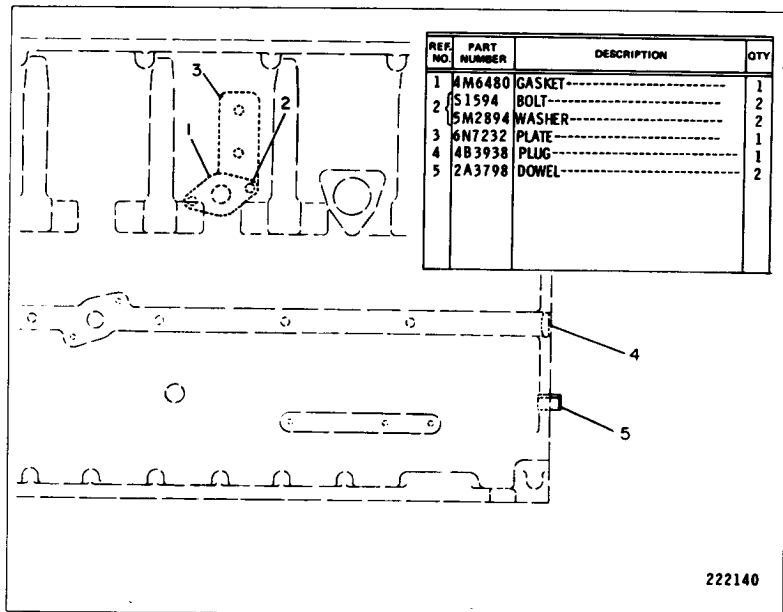
REF NO	PART NUMBER	DESCRIPTION	QTY
1	7M4046	BEARING-----	4
2	2B858	PLUG-----	1
3	8K1207	DOWEL-----	2
4	4B5387	PLUG-----	1
5	1S9540	DOWEL-----	1
6	5B7652	DOWEL-----	2
7	6N8003	BEARING CAP-----	7
8	4B3938	PLUG-----	1
9	8B6349	DOWEL-----	2
10	5S8462	STUD-----	1
11	8N4110	BEARING-----	1
12	4B9782	BALL-----	1
13	7S3224	BOLT-----	14
	2S5658	WASHER-----	14
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
	6N7727	KIT--(cylinder block) (Includes Orifice, Plugs, Dowels, Sleeve and Bolts)	1
	SMHS6809	FORM----- (Installing Cylinder Block Service Group)	1

C INDICATES CHANGE

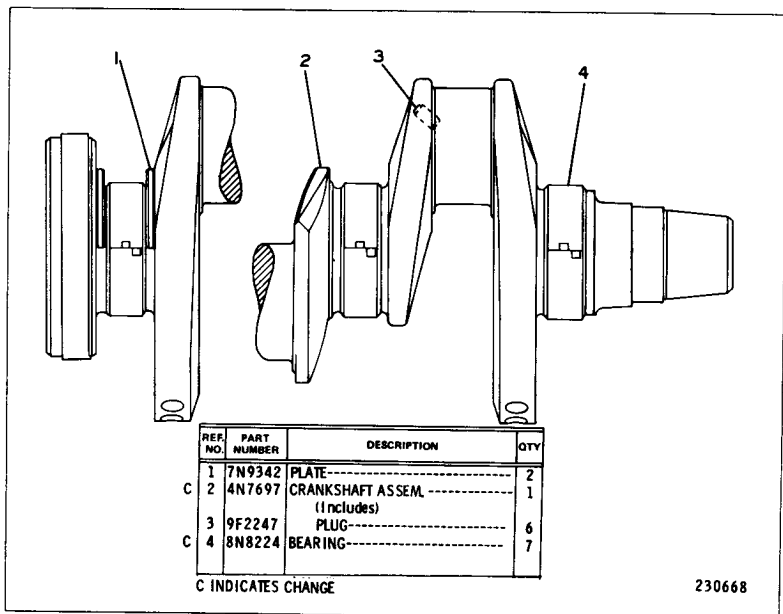
226957

BASIC ENGINE

CATERPILLAR D6D LGP TRACTOR

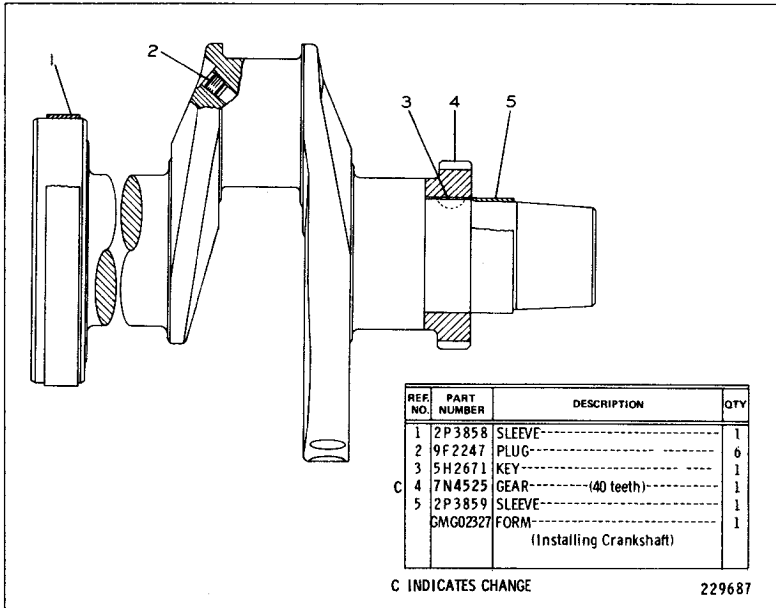


7N9779 CYLINDER BLOCK COVER GROUP



6N8079 CRANKSHAFT GROUP

4N7697 Crankshaft Assembly is replaced by 4N7693 shown on Page 9

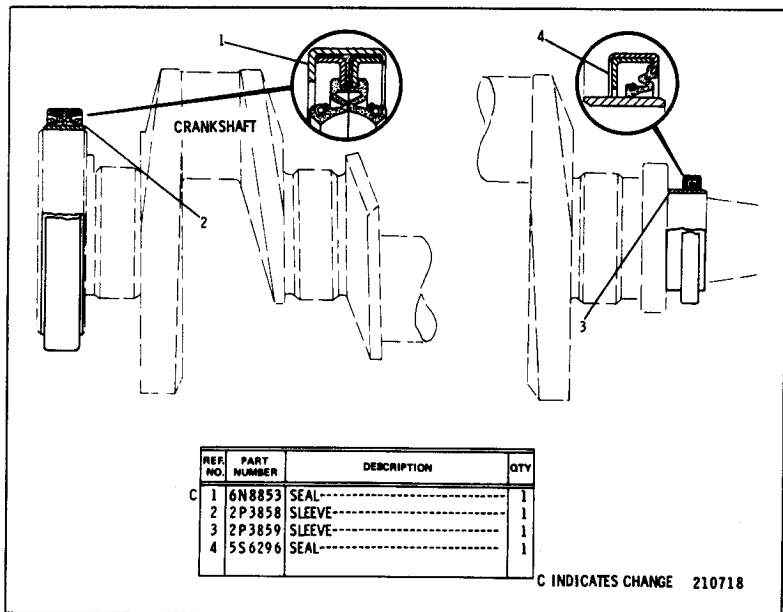


4N7693 CRANKSHAFT ASSEMBLY — Field Replacement

- 1 7N9343 THRUST PLATE
- 1 FORM SMHS 7060

CRANKSHAFT SERVICE THRUST PLATE — Field Installation

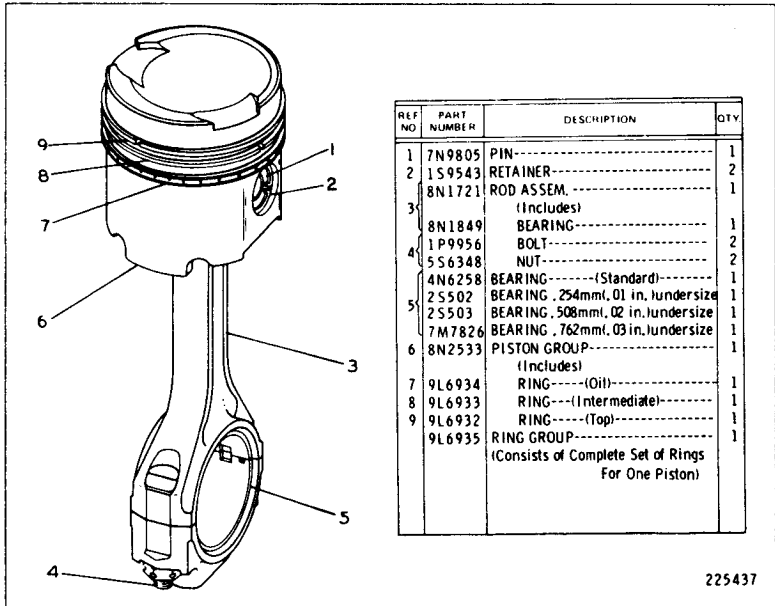
Provides a Thrust Plate to be used in the event a "Wide" Thrust Journal Crankshaft is installed in a Spacer Plate Cylinder



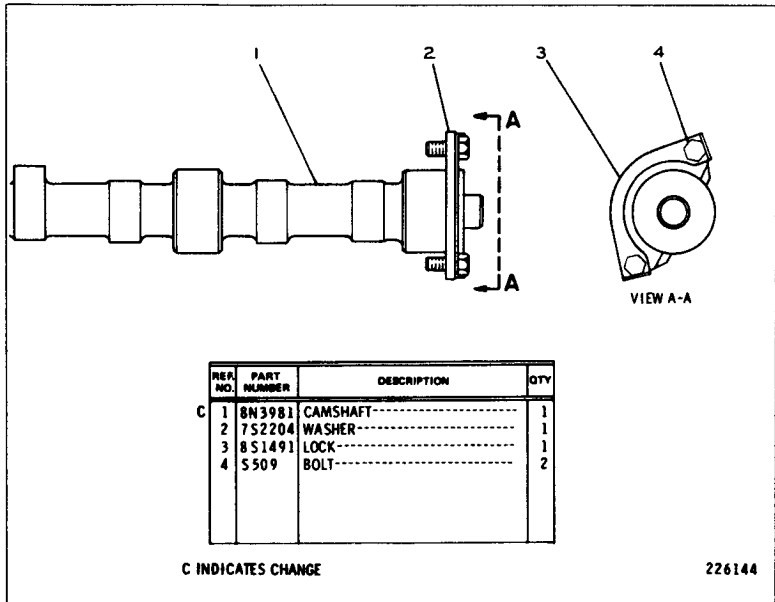
2P6226 CRANKSHAFT SEAL GROUP

CYLINDER BLOCK NOT REBORED				
CRANKSHAFT GROUND FOR UNDERSIZE BEARING I.D. OF				
		.25 MM	.51 MM	.76 MM
MAIN	QTY. 7	8N8225	8N8226	8N8227
CYLINDER BLOCK REBORED (.51 MM) (BEARING OVERSIZE O.D.)				
CRANKSHAFT GROUND FOR UNDERSIZE BEARING I.D. OF				
		0 (STANDARD)	.25 MM	
MAIN	QTY. 7	8N8228	8N8229	
O.D.--OUTSIDE DIAMETER I.D.--INSIDE DIAMETER				

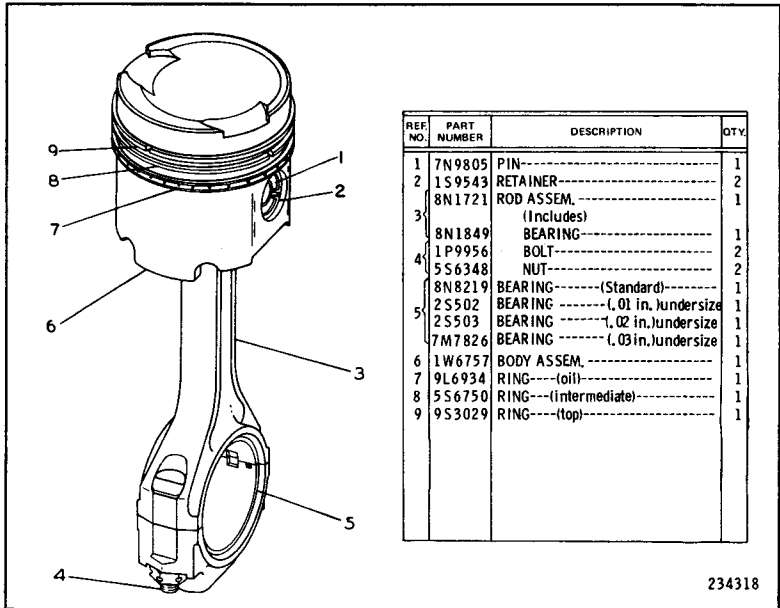
CRANKSHAFT BEARING REPLACEMENTS



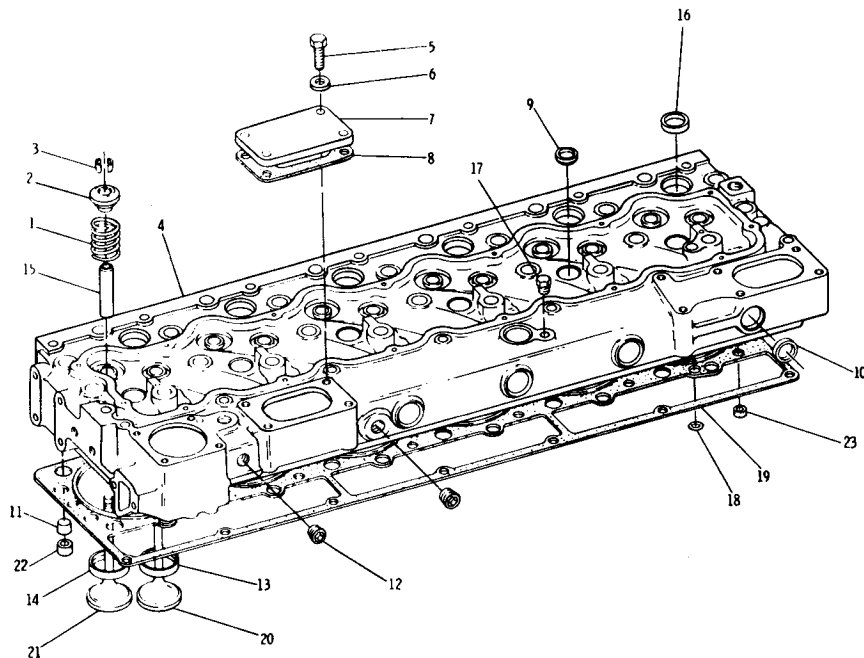
8N2531 CONNECTING ROD AND PISTON GROUP—6 Required
 Engine Serial No. 8Z1827 to 8Z7680 inclusive



2P6202 CAMSHAFT GROUP



1W6588 CONNECTING ROD AND PISTON GROUP—6 Required
Engine Serial No. 8Z7681 —Up

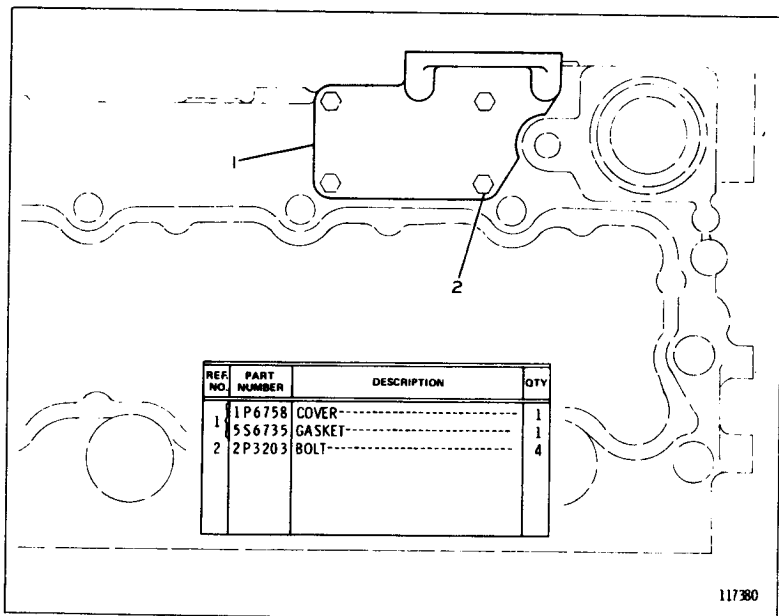


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	7S7144	12	SPRING
	2	1W5300	12	ROTOCOIL AS.
		8N7782	1	(EACH INCLUDES)
		6N7174	1	ROTOCOIL AS
	3	2A4429	24	SHIELD
	4	8N6796	1	LOCK
	5	0S1594	1	HEAD AS.
	6	5M2894	4	BOLT
	7	1P6367	4	WASHER
	8	5S6735	1	COVER
	9	3B0623	1	GASKET
	10	3S8313	6	PLUG
	11	1S3062	7	PLUG
	12	2B0858	18	DIRECTOR
	13	7N4448	3	PLUG
	14	8N0435	6	INSERT (INTAKE)
	15	2P1262	6	INSERT (EXHAUST)
	16	3P1896	12	GUIDE
C	17	7H3171	12	PLUG
	18	3S5496	1	PLUG
	19	7N7999	1	SEAL
	20	6N9915	1	GASKET
	21	6N9916	6	VALVE (INTAKE)
	22	4W8087	6	VALVE (EXHAUST)
	23	7N8018	18	SEAL
			6	SEAL

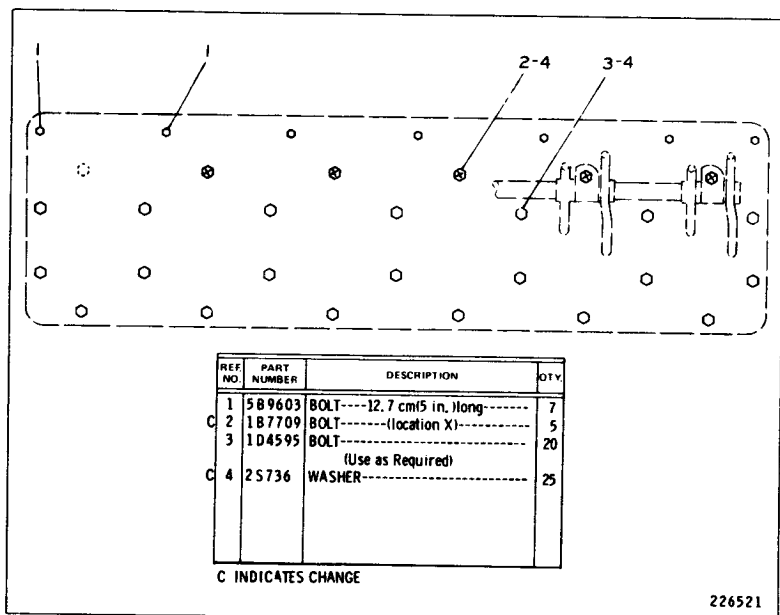
C INDICATES CHANGE

322590

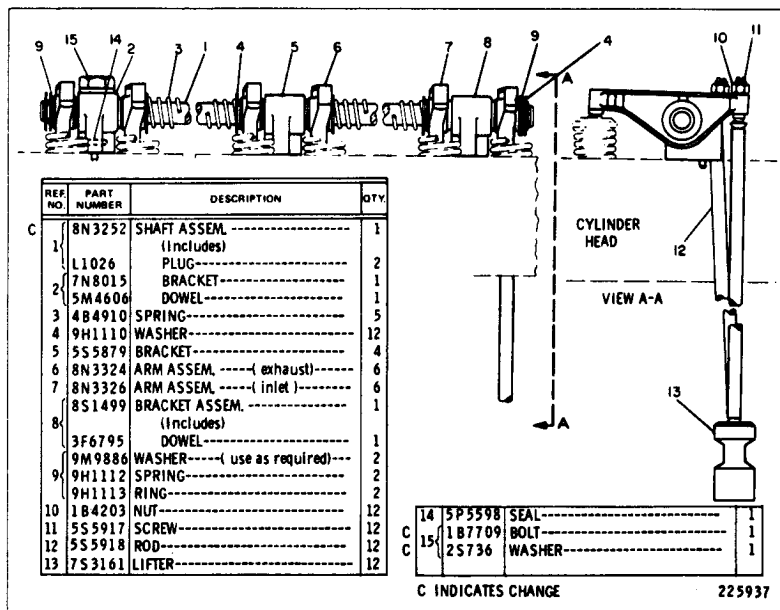
7N8876 CYLINDER HEAD GROUP



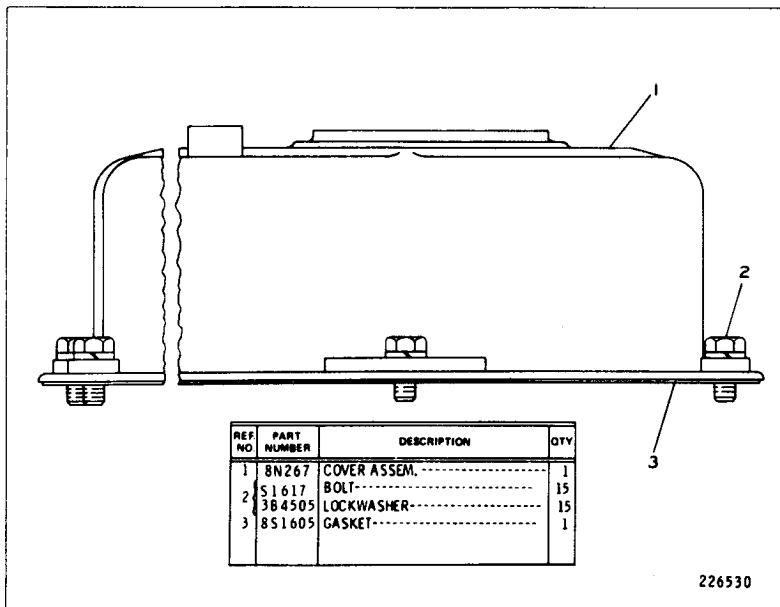
2P6531 CYLINDER HEAD COVER GROUP



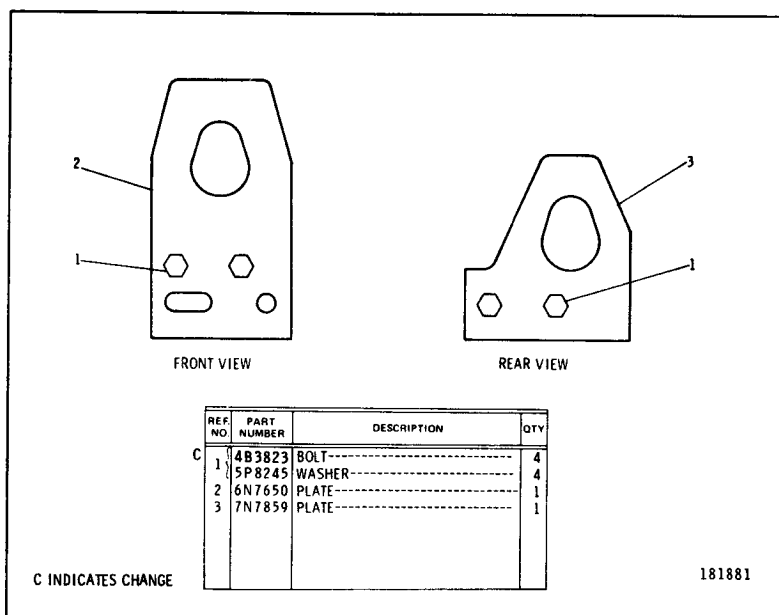
7N9536 CYLINDER HEAD FASTENER GROUP



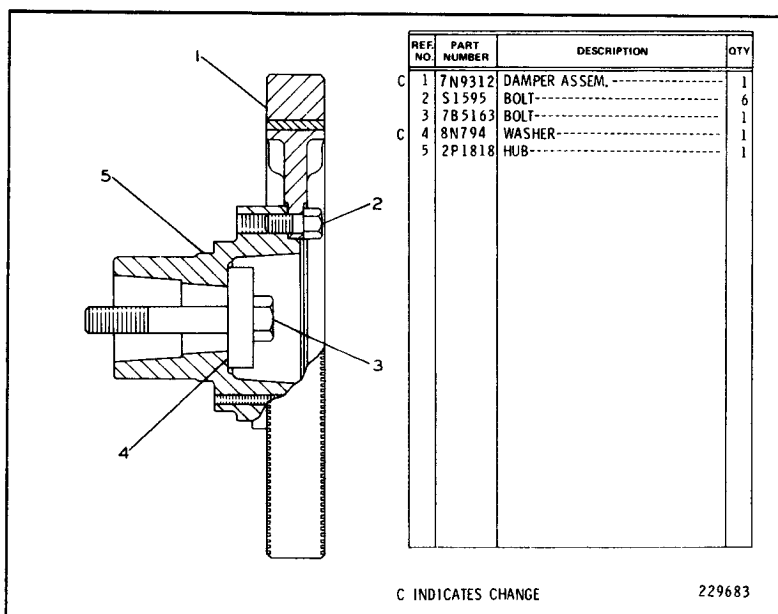
7N8026 VALVE MECHANISM GROUP



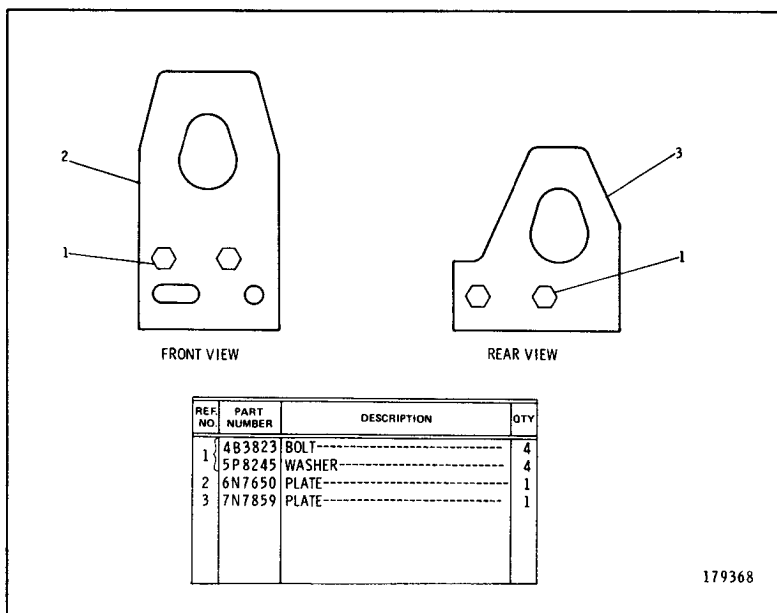
8N4745 VALVE MECHANISM COVER GROUP



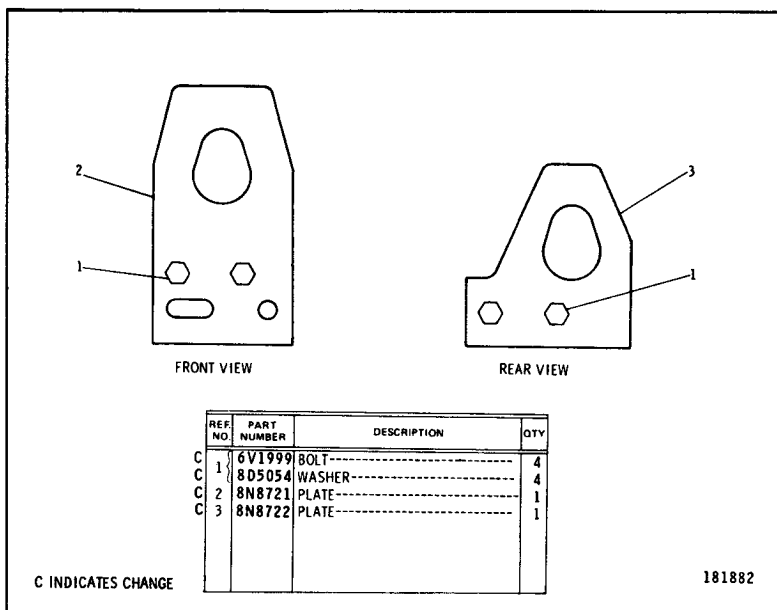
7N7858 ENGINE LIFTING GROUP
 Engine Serial No. 821827 to 823013 Inclusive



2P7838 DAMPER GROUP

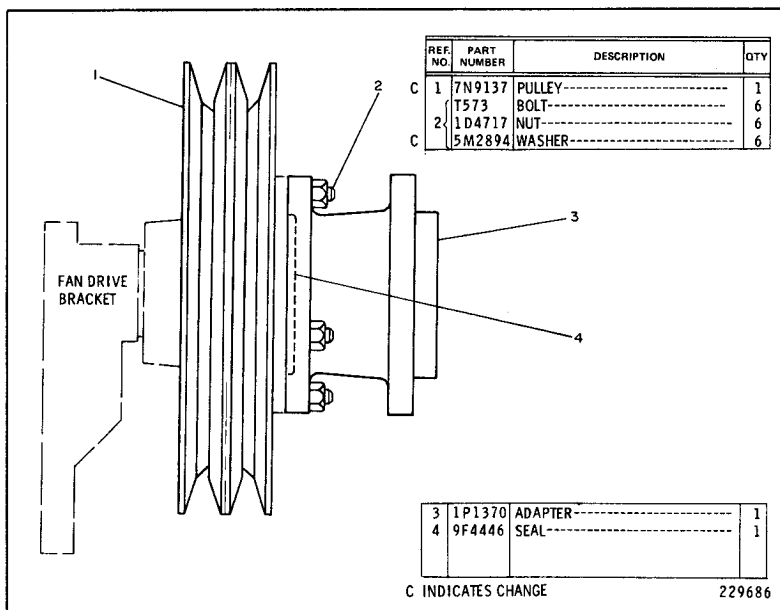


1W5566 LIFTING GROUP
 Engine Serial No. 8Z3014 to 8Z4065 inclusive

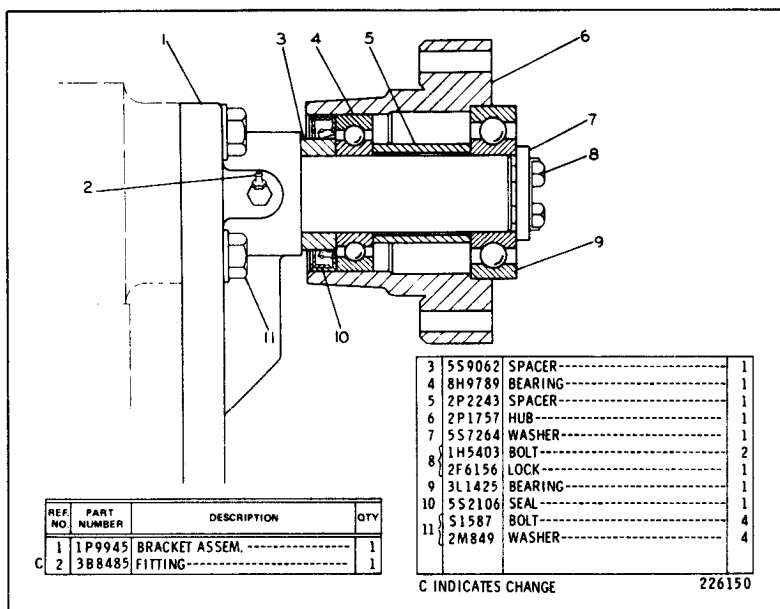


7N7858 ENGINE LIFTING GROUP
 Engine Serial No. 8Z4066—Up

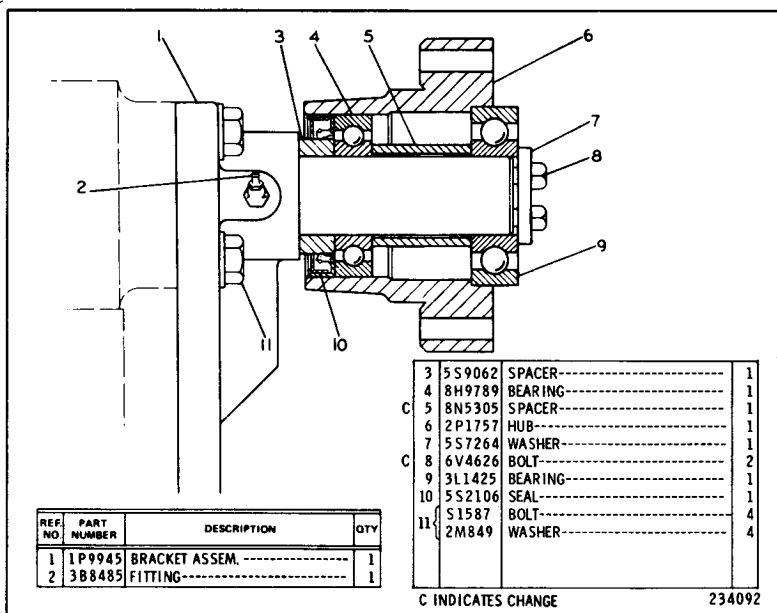
CATERPILLAR D6D LGP TRACTOR



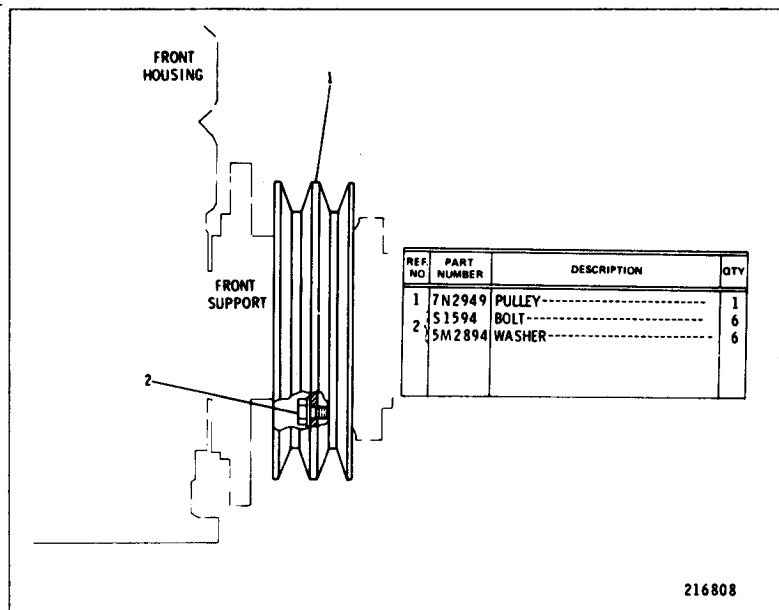
7N4102 FAN PULLEY GROUP
7M4707 Vee Belt Set, Consisting of 2 Belts, is used



2P7831 FAN DRIVE GROUP
Serial No. 6X1115 to 6X1179 inclusive

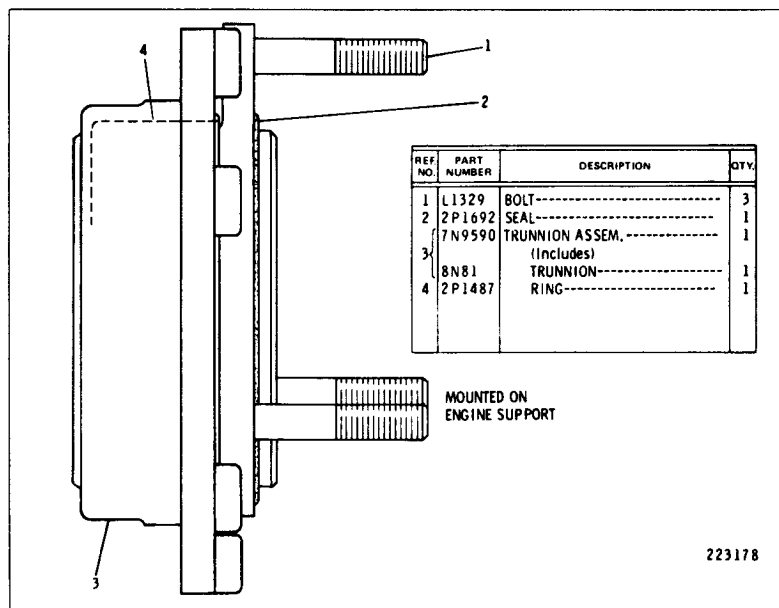


2P7831 FAN DRIVE GROUP
Serial No. 6X1180—Up

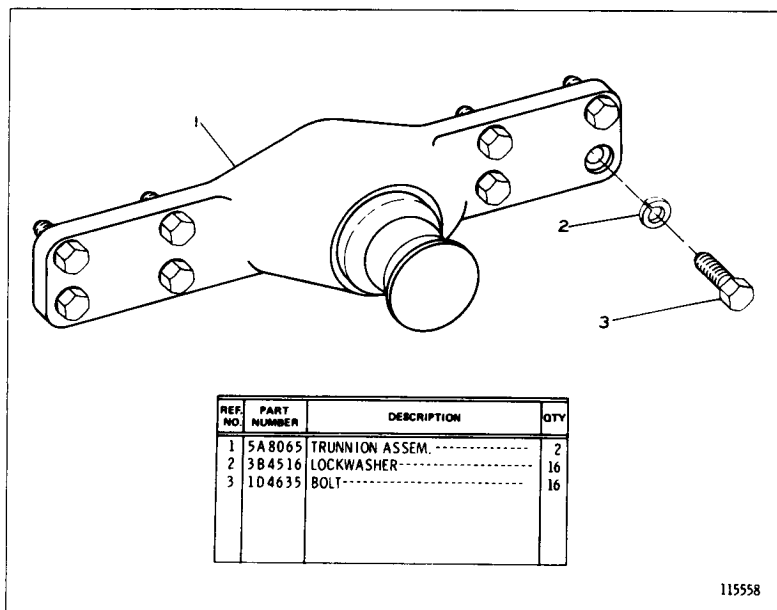


7N2887 CRANKSHAFT PULLEY GROUP

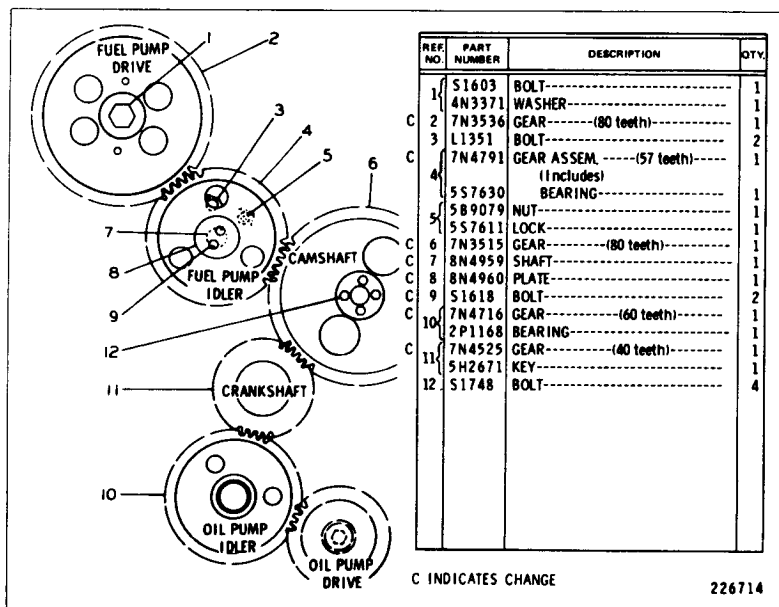
Note: 7M4707 Vee Belt Set, includes 2 belts, is used



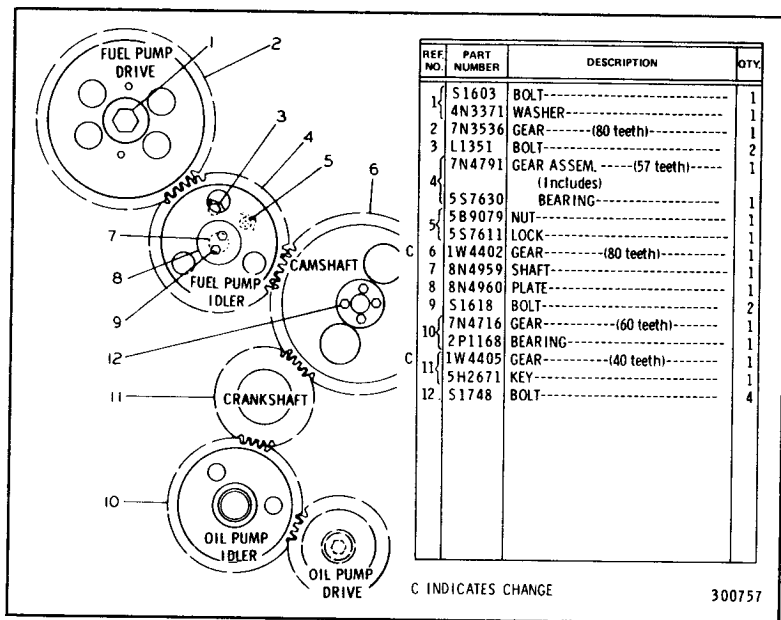
7N9589 TRUNNION GROUP



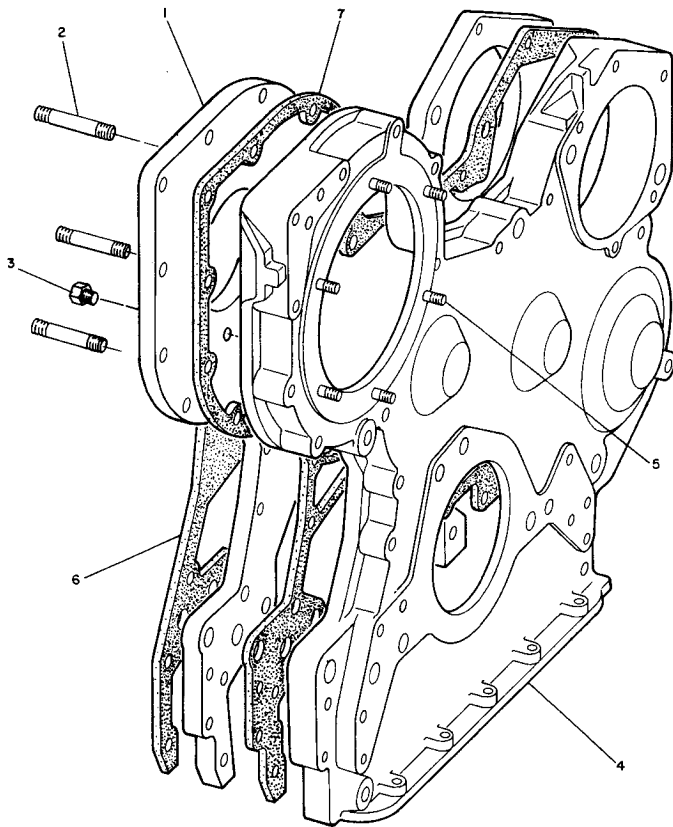
5S8064 TRUNNION GROUP
AN ATTACHMENT



2P9642 FRONT GEAR GROUP—Timing
Engine Serial No. 8Z1827 to 8Z10008 inclusive



2P9642 FRONT GEAR GROUP—Timing
Engine Serial No. 8210009—Up

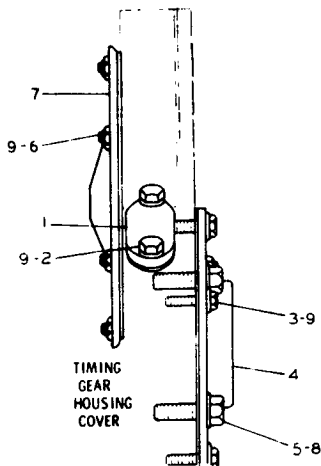


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6N9060	PLATE ASSEM.-----	1
1	1W7110	PLATE-----	1
2	4M8743	STUD-----	3
3	5M6214	PLUG-----	1
4	8N109	HOUSING ASSEM.-----	1
5	2S42	STUD-----	6
6	8N110	GASKET-----	1
7	1W3900	GASKET-----	1

C INDICATES CHANGE

304412

2P9641 FRONT HOUSING GROUP — Timing Gear

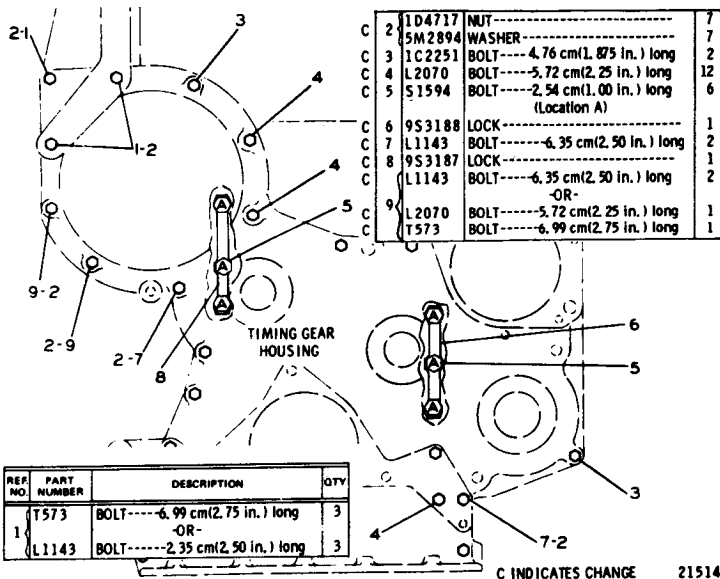


REF NO	PART NUMBER	DESCRIPTION	QTY
1	4N4526	COVER-----	1
2	2P2720	GASKET-----	1
C 2	L1351	BOLT-----	2
C 3	3B1915	BOLT-----	3
4	2P218	COVER-----	1
C 4	2P220	GASKET-----	1
5	S1566	BOLT-----	4
C 6	1B4203	NUT-----	6
C 7	2P8701	COVER-----	1
C 8	6N7887	GASKET-----	1
C 8	5P8247	WASHER-----	2
C 9	5M2894	WASHER-----	11

C INDICATES CHANGE

222132

4N5162 FRONT HOUSING COVER GROUP



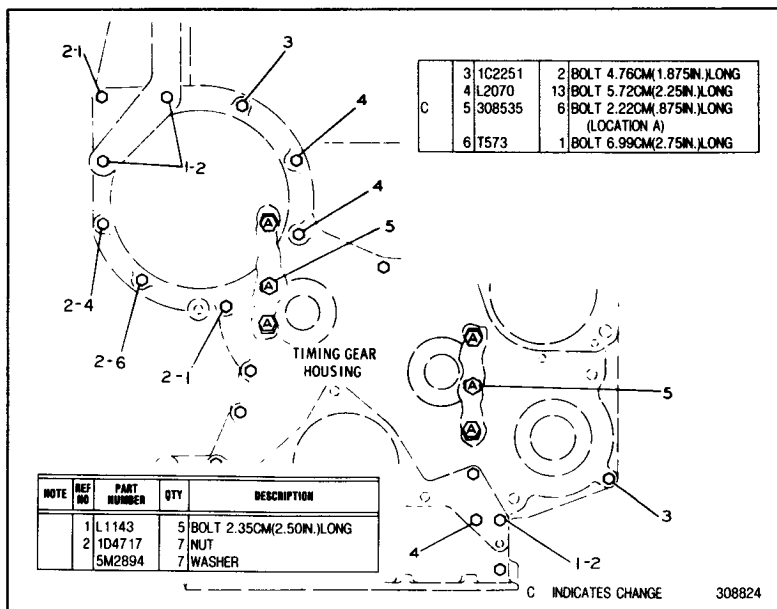
C 2	1D4717	NUT-----	7
3	5M2894	WASHER-----	7
C 3	1C2251	BOLT----- 4.76 cm(1.875 in.) long	2
C 4	L2070	BOLT----- 5.72 cm(2.25 in.) long	12
C 5	S1594	BOLT----- 2.54 cm(1.00 in.) long (Location A)	6
C 6	9S3188	LOCK-----	1
C 7	L1143	BOLT----- 6.35 cm(2.50 in.) long	2
C 8	9S3187	LOCK-----	1
C 8	L1143	BOLT----- 6.35 cm(2.50 in.) long	2
9	L2070	BOLT----- 5.72 cm(2.25 in.) long	1
C 9	T573	BOLT----- 6.99 cm(2.75 in.) long	1

REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	T573	BOLT----- 6.99 cm(2.75 in.) long	3
	-OR-		
	L1143	BOLT----- 2.35 cm(2.50 in.) long	3

C INDICATES CHANGE

215146

2P6498 FRONT HOUSING FASTENER GROUP—Timing Gear
Engine Serial No. 8Z1827 to 8Z10008 inclusive

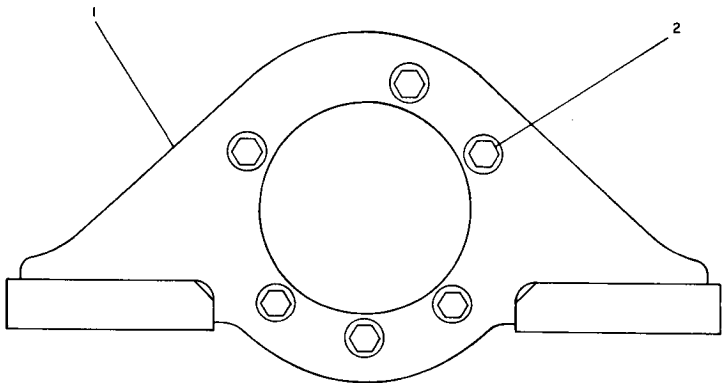


2P6498 FRONT HOUSING FASTENER GROUP—Timing Gear
Engine Serial No. 8Z10009—Up

CONSISTS OF:

2	2J3506	NUT--FRONT SUPPORT TO FRAME
8	1B2886	BOLT--CAP TO BASE TO FRAME
2	1D4614	BOLT--FRONT SUPPORT TO FRAME
8	8M4791	WASHER--BOLT TO CAP
1	1D4717	NUT--FRONT SUPPORT TO FRAME
8	6N1957	SHIM (.032)--FLYWHEEL HOUSING TO FRAME
8	6N1958	SHIM (.065)--FLYWHEEL HOUSING TO FRAME
8	6N1956	SHIM (.014)--FLYWHEEL HOUSING TO FRAME
4	5P8248	WASHER--FRONT SUPPORT TO FRAME
1	6N2004	SCREW--LOCATOR

1W2766 ENGINE MOUNTING GROUP

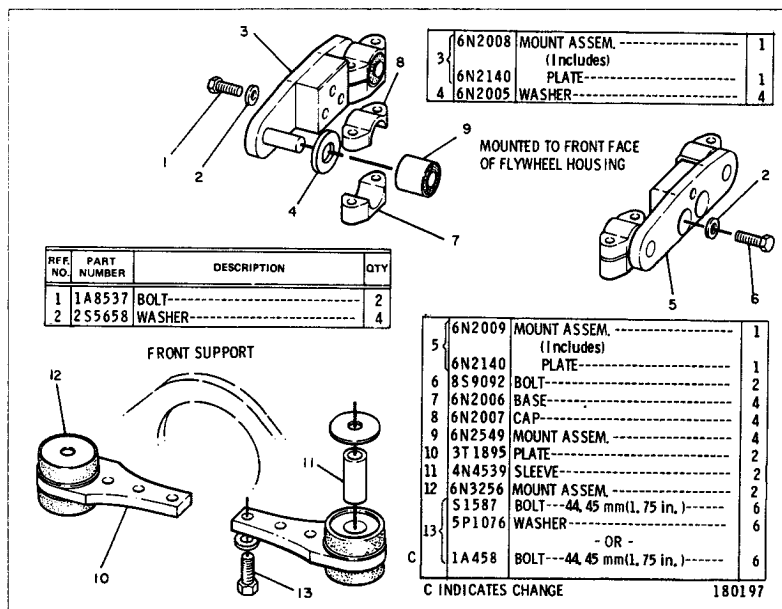


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9G4057	SUPPORT ASSEM. -----	1
2	51585	BOLT-----	6
	5P8245	WASHER-----	6

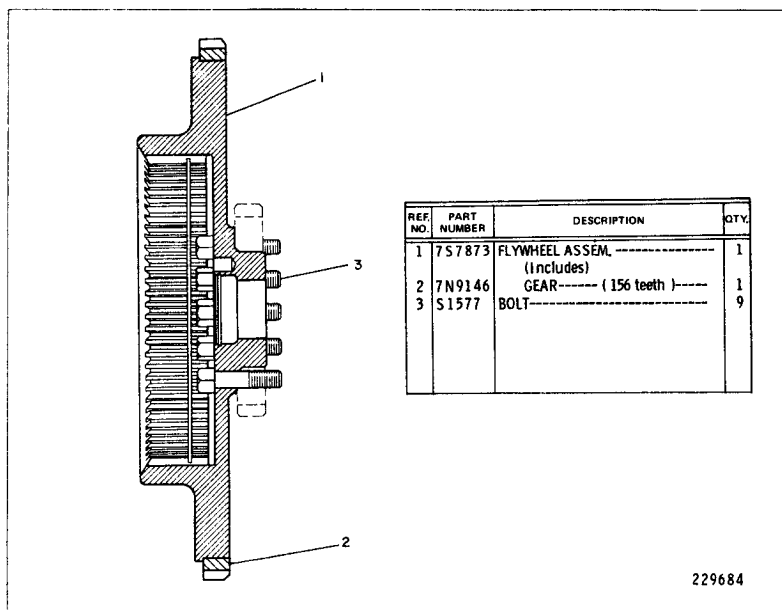
228646

1W2457 ENGINE SUPPORT GROUP—Front

CATERPILLAR D6D LGP TRACTOR

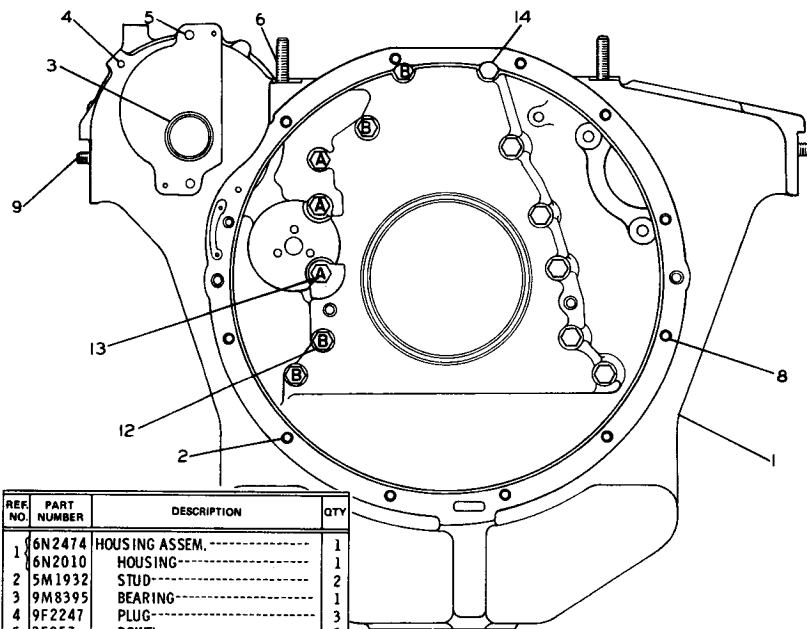


6N2579 ENGINE SUPPORT GROUP — Rear



7S7874 FLYWHEEL GROUP

6N2514 FLYWHEEL HOUSING GROUP

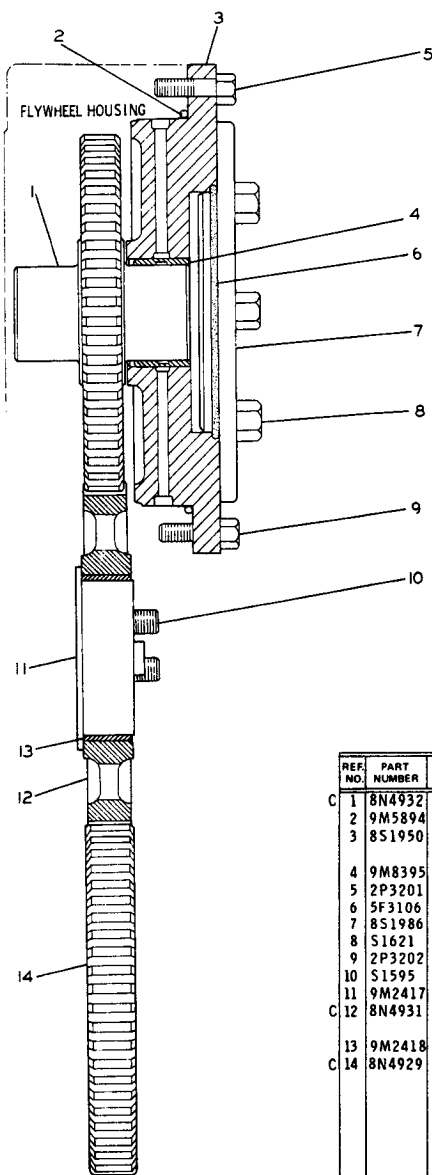


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N2474	HOUSING ASSEM.-----	1
1	6N2010	HOUSING-----	1
2	5M1932	STUD-----	2
3	9M8395	BEARING-----	1
4	9F2247	PLUG-----	3
5	3F957	DOWEL-----	2
6	3D472	STUD-----	2
7	2A3798	DOWEL-----	2
8	3D490	STUD-----	10
9	4D8148	DOWEL-----	2

10	5M6213	PLUG-----	1
11	9H5921	GASKET-----	1
12	1A1460	BOLT----- (Marked B)	4

13	S1585	BOLT----- (Marked A)	3
14	2B947	BOLT-----	6

230403

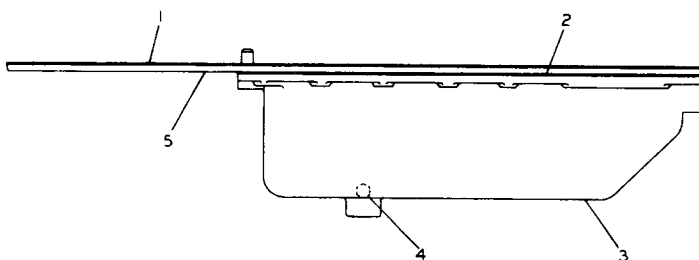


REF NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8N4932	GEAR------(57 teeth)-----	1
2	9M5894	SEAL-----	1
3	8S1950	ADAPTER ASSEM.----- (Includes)	1
4	9M8395	BEARING-----	1
5	2P3201	BOLT-----	1
6	5F3106	SEAL-----	1
7	8S1986	COVER-----	1
8	51621	BOLT-----	4
9	2P3202	BOLT-----	6
10	51595	BOLT-----	3
11	9M2417	RETAINER-----	1
C 12	8N4931	GEAR ASSEM.------(56 teeth)----- (Includes)	1
13	9M2418	BEARING-----	1
C 14	8N4929	GEAR------(57 teeth)-----	1

C INDICATES CHANGE

228655

2P8161 REAR GEAR GROUP-ACCESSORY DRIVE

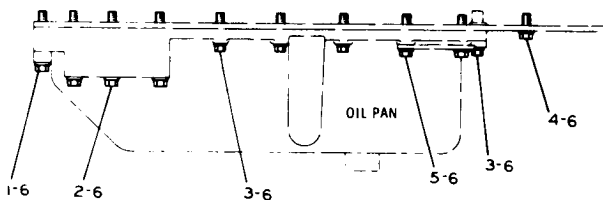


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4M2969	GASKET-----	1
2	8S1965	GASKET-----	1
3	9S5417	PAN-----	1
4	4B7739	PLUG-----	1
5	2P1738	PLATE ASSEM.-----	1

117213

2P6152 OIL PAN GROUP

Engine Serial No. 8Z1827 to 4615, 4699, 4700, 4705, 4707, 4709 to 4711, 4713, 4716, and 8Z4722 inclusive

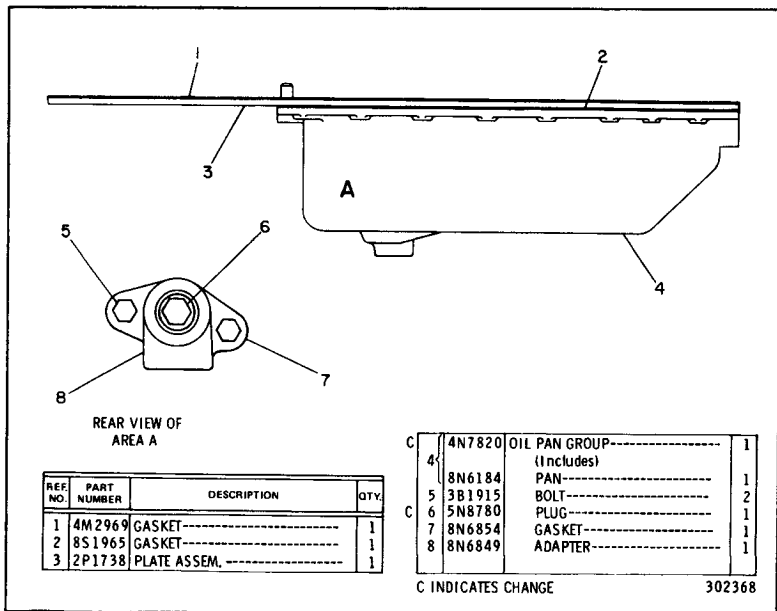


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T573	BOLT-----	5
2	L1352	BOLT-----	3
3	S1591	BOLT-----	20
4	L1351	BOLT-----	18
5	5M2894	WASHER-----	46

C INDICATES CHANGE
B-USE AS REQUIRED

306746

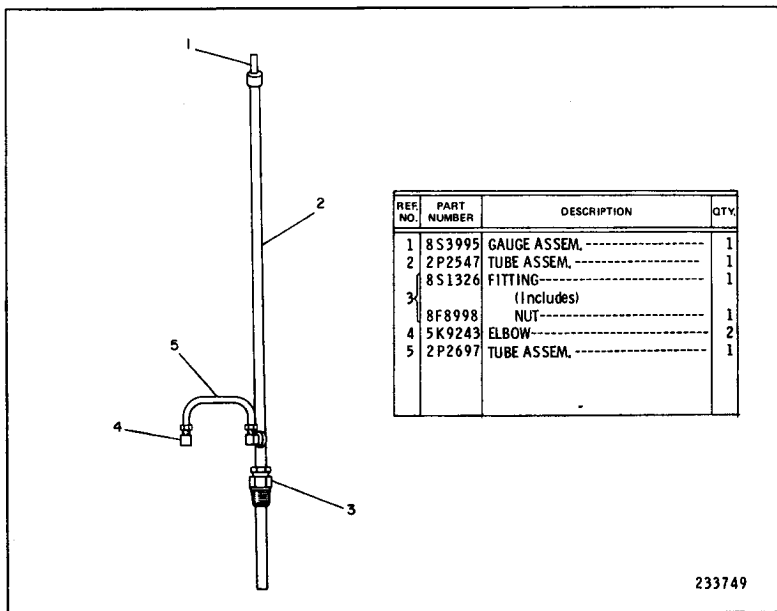
2P6206 OIL PAN FASTENER GROUP



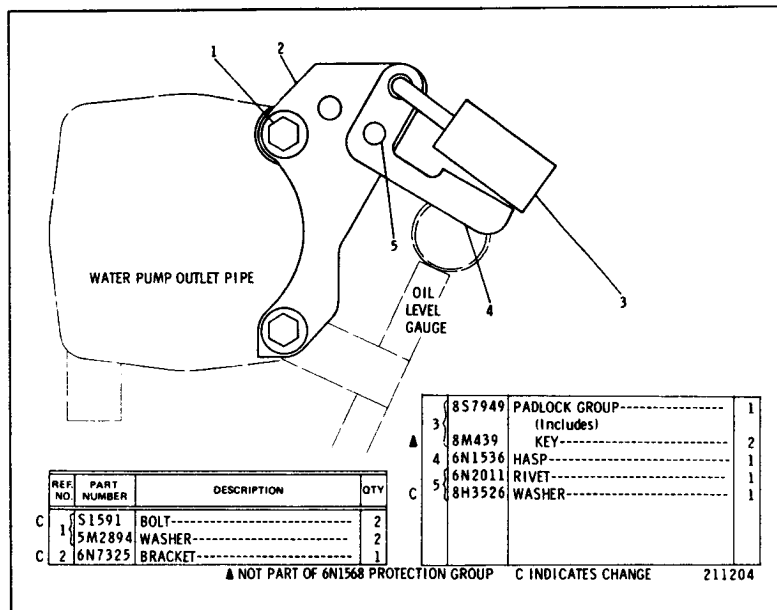
2P6152 OIL PAN GROUP

Engine Serial No. 8Z4616 to 4698, 4701 to 4704, 4706, 4708, 4712, 4714, 4715, 4717 to 4721 and 8Z4723—Up

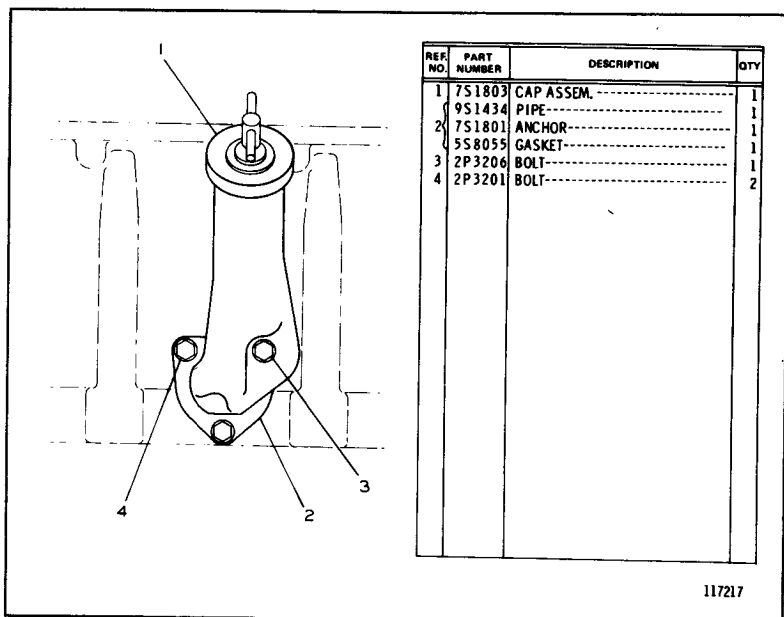
CATERPILLAR D6D LGP TRACTOR



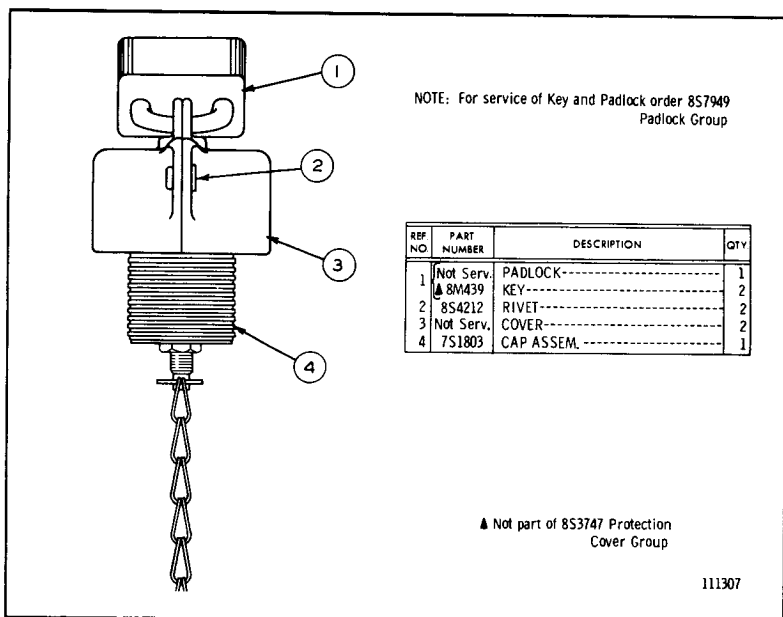
2P6493 OIL LEVEL GAUGE GROUP



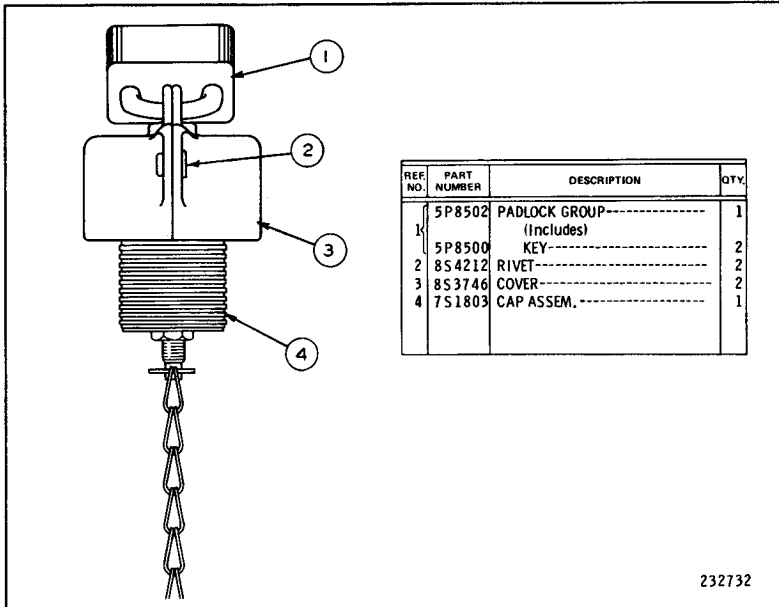
6N1568 PROTECTION COVER GROUP—Oil Level Gauge
 Replaced by 1N4297 shown on Page 27B
 AN ATTACHMENT



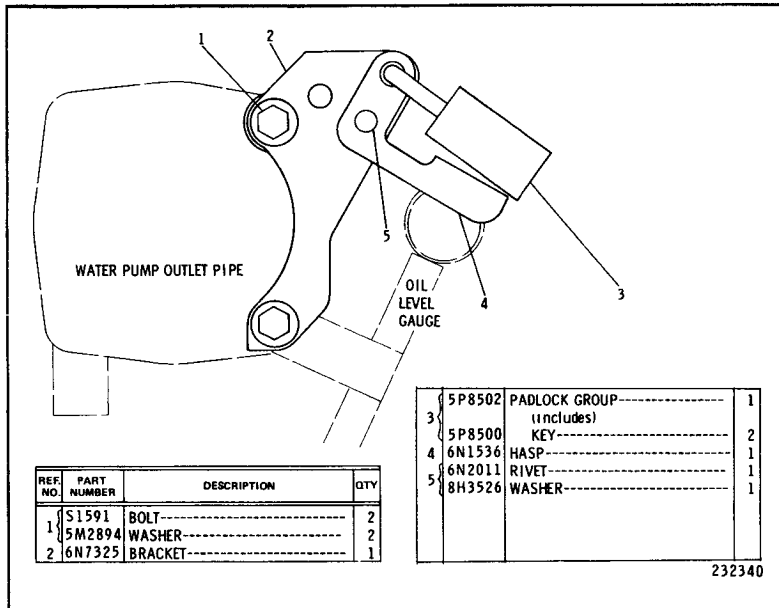
4N5139 OIL FILLER GROUP



8S3747 PROTECTION COVER GROUP—Oil Filler Cap
 Replaced by 1N4296 shown on Page 27B
 AN ATTACHMENT

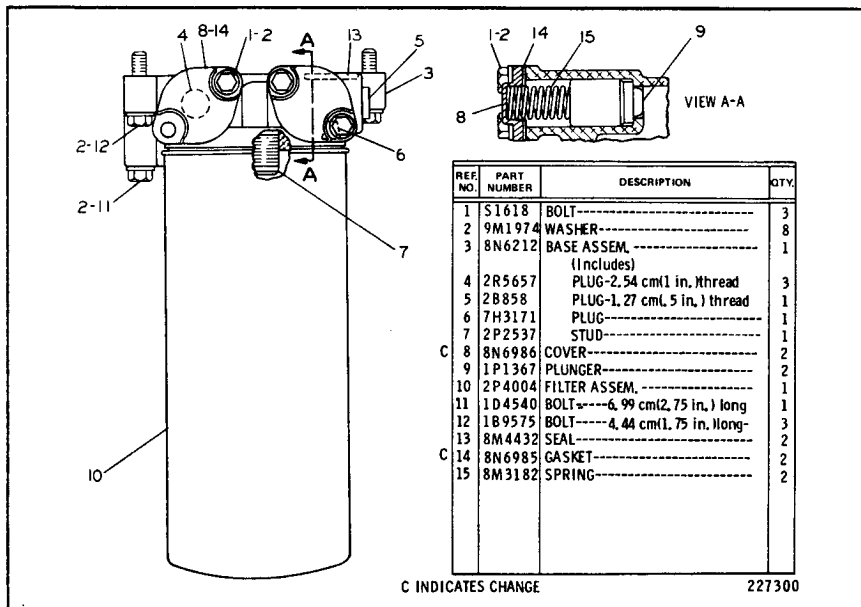


**1N4296 VANDALISM PROTECTION GROUP—Oil Filler Cap
AN ATTACHMENT**

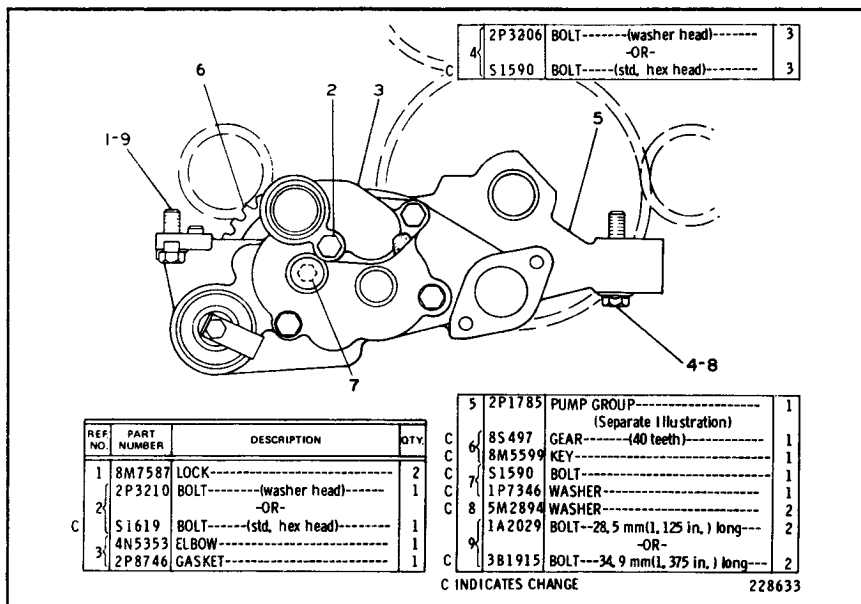


**1N4297 VANDALISM PROTECTION GROUP—Oil Level Gauge
Single Key Security System
AN ATTACHMENT**

LUBRICATION SYSTEM

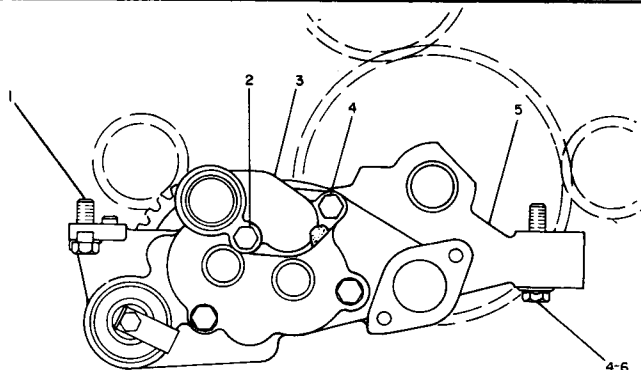


2P6475 OIL FILTER GROUP



2P1784 OIL PUMP GROUP

Serial No. 821827 To 8220670 Inclusive
2P1785-Page 29



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	3B1915	2	BOLT
		8M7587	2	LOCK
	2	OS1619	1	BOLT

C INDICATES CHANGE

CY	3	4N5353	1	ELBOW
		2P8746	1	GASKET
	4	OS1590	3	BOLT
	5	6N2642	1	PUMP GROUP
	6	5M2894	2	WASHER

Y SEPARATE ILLUSTRATION

322023

2P1784 OIL PUMP GROUP

Serial No. 8Z20671-Up

6N2642-Page 28A

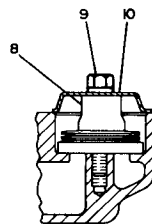
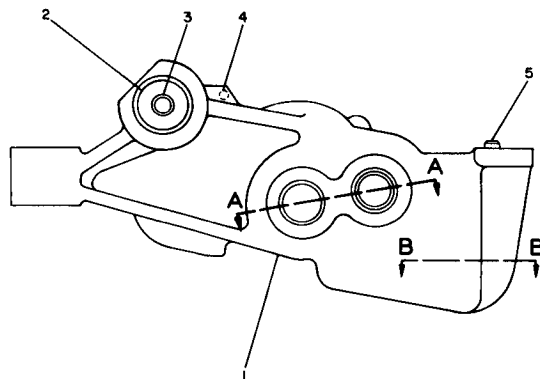
CONSISTS OF:

1	4W2448 OIL PUMP GROUP	PAGE 28B
1	7W0507 GEAR (40 TEETH)	
1	8M5599 KEY	
1	1P7346 WASHER	
1	OS1590 BOLT	

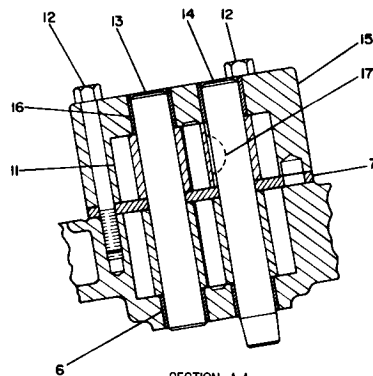
6N2642 OIL PUMP GROUP -TWO SECTION GEAR

Serial No. 8Z20671-Up

Part Of 2P1784 Oil Pump



SECTION B-B



SECTION A-A

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4W2322	1	BODY AS.
	2	2P1170	1	SHAFT AS.
	3	6F7172	1	DOWEL
	4	4B9880	1	BALL
	5	1F1006	1	DOWEL
	6	8S6511	2	BEARING

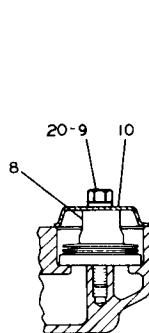
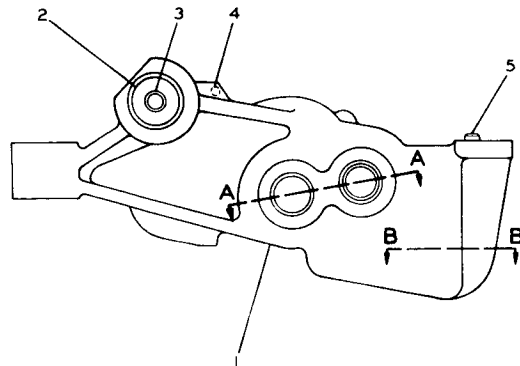
	7	2P1781	1	SPACER
	8	4N8385	1	VALVE AS.
	9	2B2694	1	BOLT
		9M1974	1	WASHER
	10	4N3732	1	COVER
	11	6N1036	2	GEAR (8 TEETH)

	12	0T0065	3	BOLT
	13	8S0493	1	SHAFT AS.
	14	2P6245	1	SHAFT AS.
	15	4W2321	1	BODY AS.
	16	8S6511	2	BEARING
	17	1B8709	1	KEY

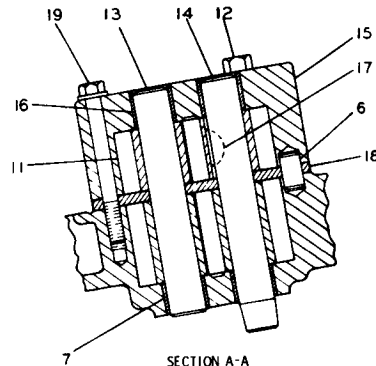
322085

4W2448 OIL PUMP GROUP-TWO SECTION GEAR
 Serial No. 8Z20671-Up
 Part Of 6N2642 Oil Pump

2P1785 GEAR PUMP GROUP
 Engine Serial No. 8Z1827 to 3593, 4540 to 8Z4544 inclusive
 Part of 2P1784 Oil Pump Group shown on Page 28



SECTION B-B



SECTION A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P685	BODY ASSEM.	1
2	2P1170	SHAFT ASSEM.	1
3	6F7172	DOWEL	1
4	4B9880	BALL	1
5	1F1006	DOWEL	1
6	1M3735	DOWEL	2
7	8S6511	BEARING	2

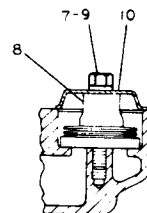
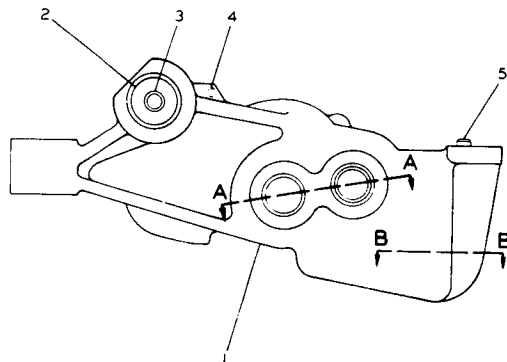
C 8	4N8385	VALVE ASSEM.	1
C 9	2B2694	BOLT	1
10	4N3732	COVER	1
C 11	6N1036	GEAR	2
		(8 Teeth)	
C 12	T65	BOLT	2
C 13	8S493	SHAFT ASSEM.	1
14	2P6245	SHAFT ASSEM.	1

15	4N4055	BODY ASSEM.	1
16	8S6511	BEARING	2
17	1B8709	KEY	1
18	2P1781	SPACER	1
C 19	2M3403	BOLT	1
C 19	5M2894	WASHER	1
C 20	9M1974	WASHER	1

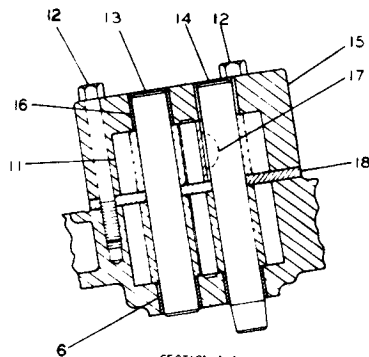
C INDICATES CHANGE

217789

2P1785 GEAR PUMP GROUP
Engine Serial No. 8Z3594 to 4539 and 8Z4545—Up
Part of 2P1784 Oil Pump Group shown on Page 28



SECTION B-B



SECTION A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N8636	BODY ASSEM.	1
2	2P1170	SHAFT ASSEM.	1
3	6F7172	DOWEL	1
4	4B9880	BALL	1
5	1F1006	DOWEL	1
6	8S6511	BEARING	2
7	9M1974	WASHER	1

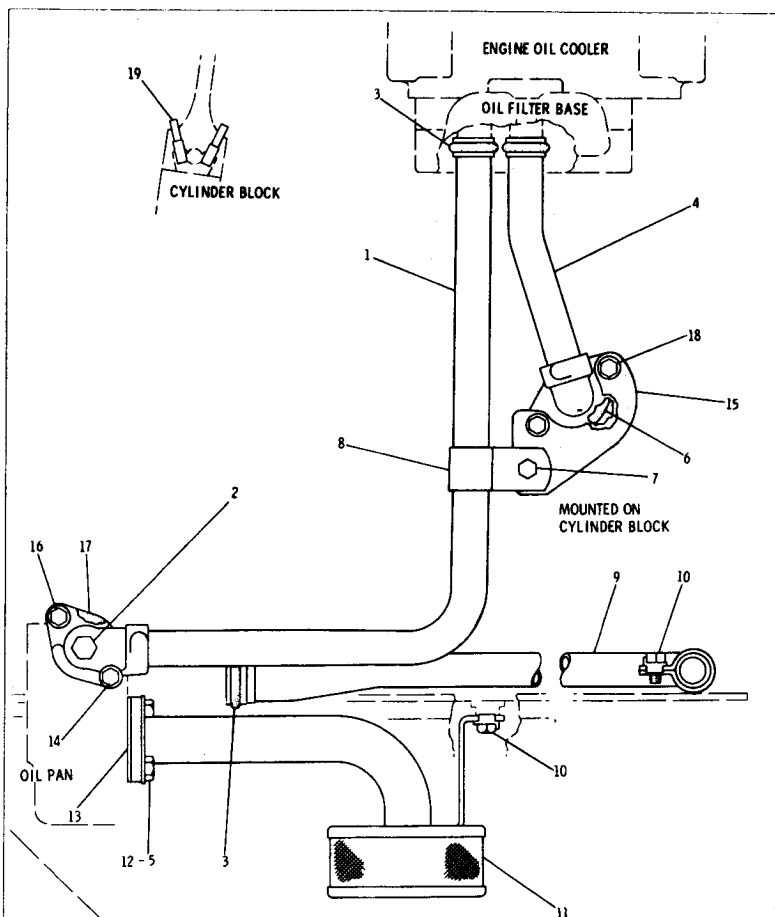
C INDICATES CHANGE

8	4N8385	VALVE ASSEM.	1
9	2B2694	BOLT	1
10	4N3732	COVER	1
11	6N1036	GEAR----(8 teeth)----	2
12	T65	BOLT	2
13	8S493	SHAFT ASSEM.	1
14	2P6245	SHAFT ASSEM.	1

15	4N4055	BODY ASSEM.	1
16	8S6511	BEARING	2
17	1B8709	KEY	1
18	2P1781	SPACER	1

C INDICATES CHANGE

308836



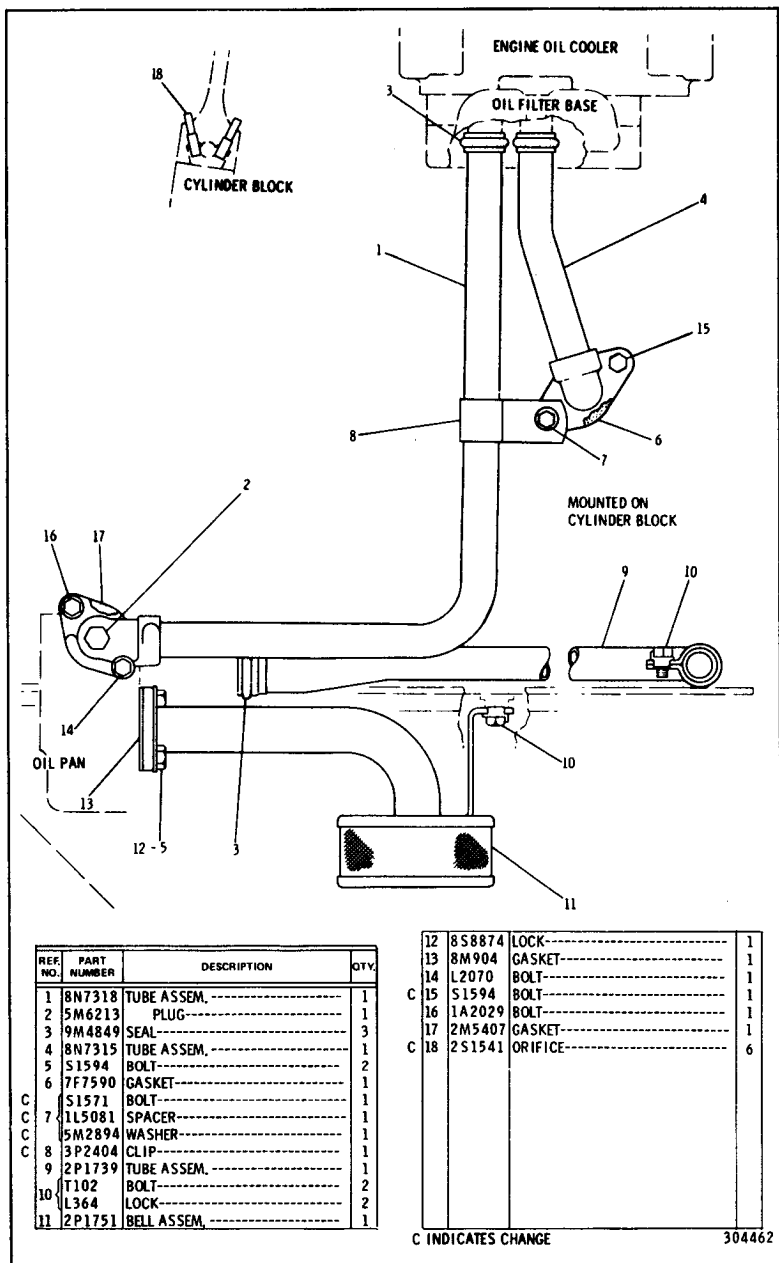
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N7318	TUBE ASSEM. (Includes) PLUG	1
2	5M6213	SEAL	1
3	9M4849	TUBE ASSEM.	3
4	8N7315	BOLT	1
C 5	S1594	GASKET	2
C 6	7F7590	NUT	1
7	L1351	BOLT	1
C 8	1D4717	NUT	1
C 9	9L9132	WASHER	1
C 10	8M2769	CLIP	1
11	2P1739	TUBE ASSEM.	1
12	T102	BOLT	2
13	L364	LOCK	2
14	2P1751	BELL ASSEM.	1

12	8S8874	LOCK	1
13	8M904	GASKET	1
14	L2070	BOLT	1
C 15	8N5739	BRACKET	1
16	1A2029	BOLT	1
C 17	2M5407	GASKET	1
18	S1571	BOLT	2
C 19	8D5898	SPACER	2
C 20	5M2894	WASHER	2
21	2S1541	ORIFICE	6

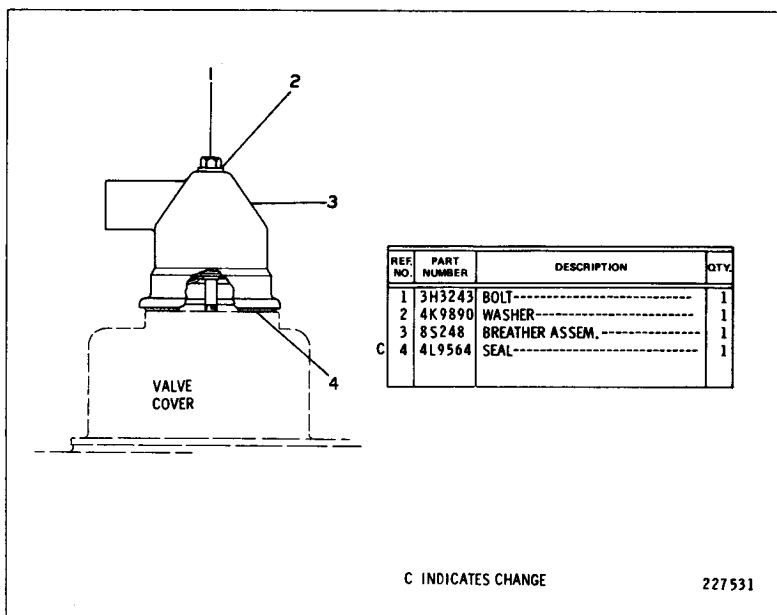
C INDICATES CHANGE

233556

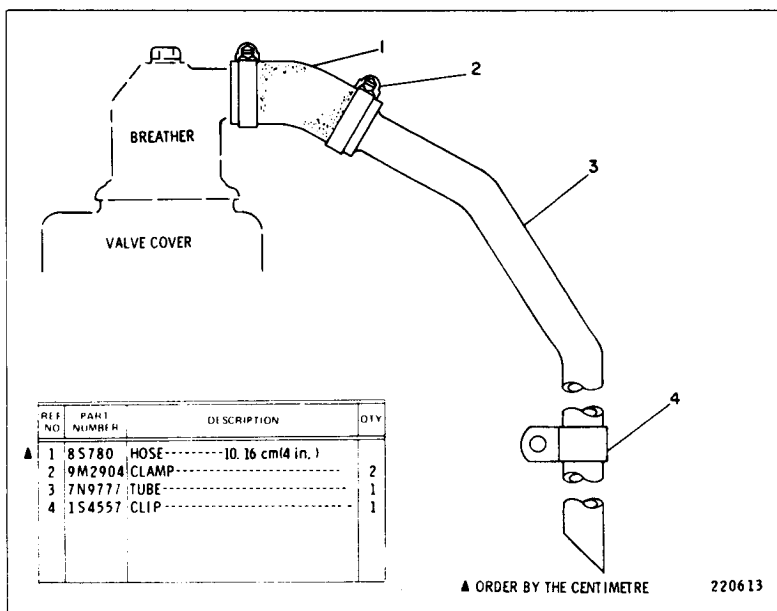
2P6105 OIL LINES GROUP
Engine Serial No. 8Z1827 to 8Z14978 inclusive



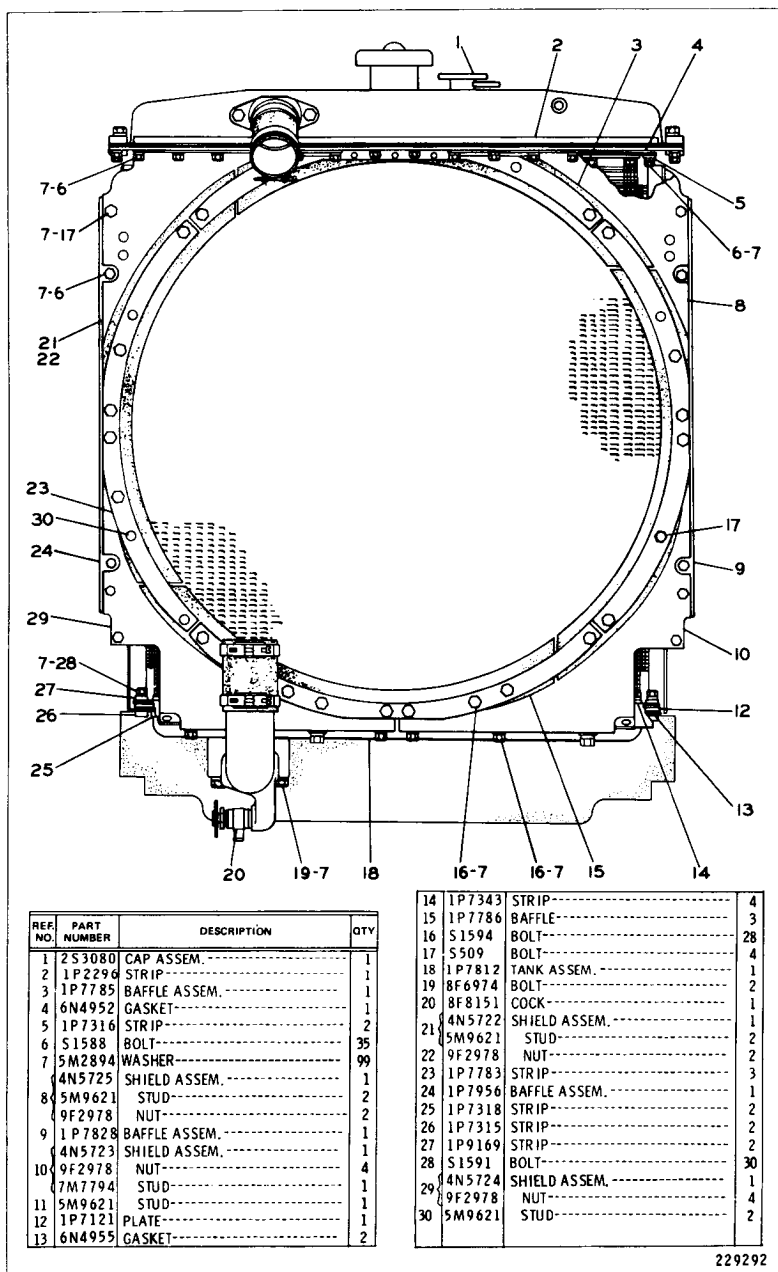
2P6105 ENGINE OIL LINES GROUP
Engine Serial No. 8Z14979—Up



1P4244 BREATHER GROUP

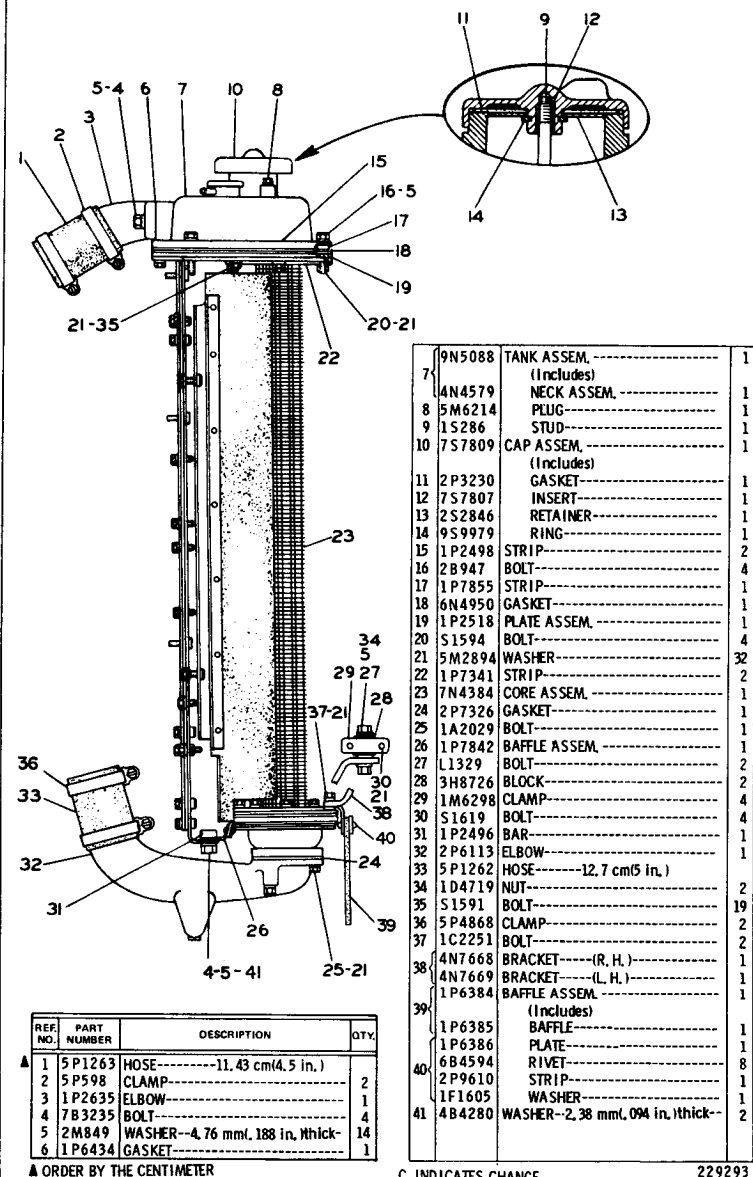


8N233 FUMES DISPOSAL GROUP — Crankcase Breather
Also part of 6N206 Refrigerant Compressor Arrangement listed on Page 243



229292

7N5128 RADIATOR GROUP — Rear View

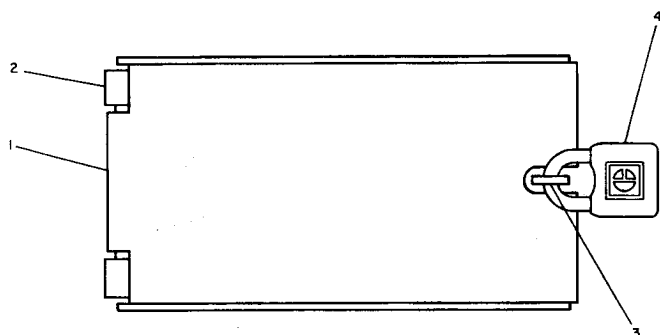


▲ ORDER BY THE CENTIMETER

C INDICATES CHANGE

229293

7N5128 RADIATOR GROUP — Side View



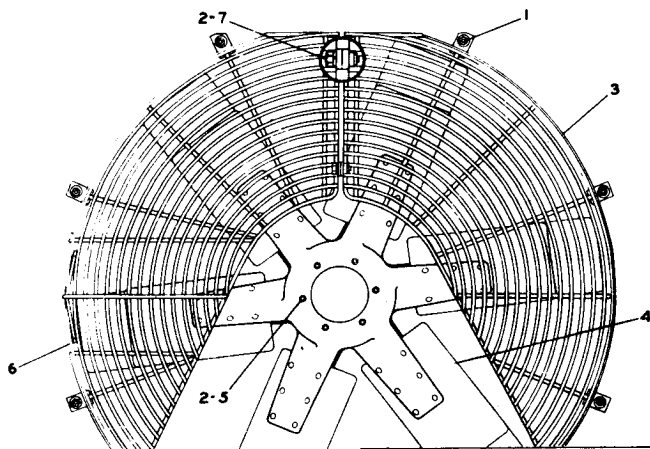
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2P6379	COVER ASSEM.----- (Includes)	1
2	2B4330	SPACER-----	2
3	4K8651	TAB-----	1

▲ NOT PART OF 9G8849 PROTECTIVE COVER GROUP

4	5P8502	PADLOCK GROUP----- (Includes)	1
	5P8500	KEY-----	2

226982

9G8849 PROTECTION COVER GROUP — Radiator Cap AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	2K4973	NUT-----	8
C 1	4B4278	WASHER-----	8
C 2	3B4506	LOCKWASHER-----	7

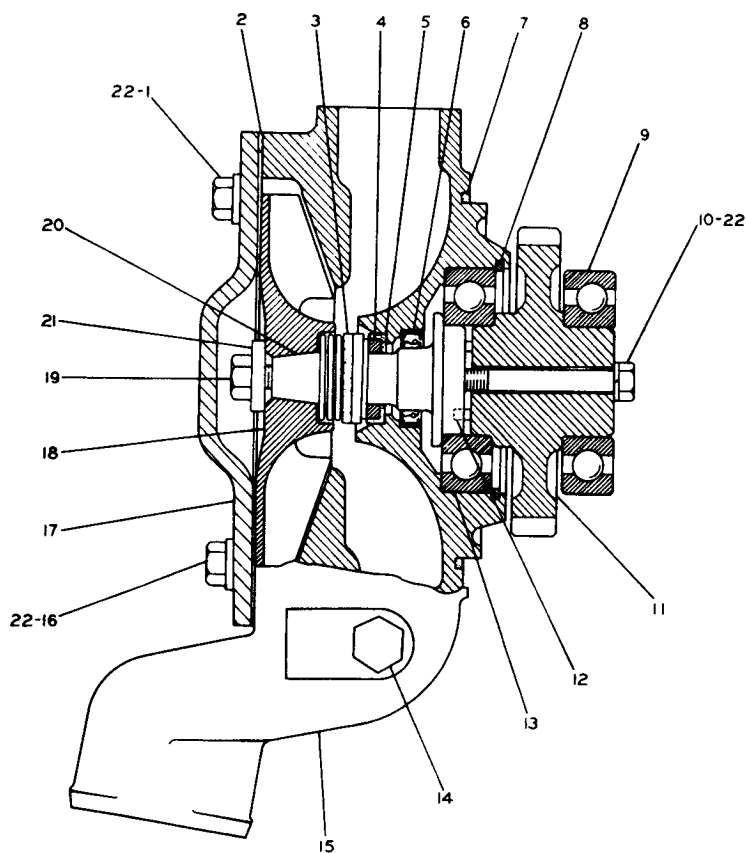
3	1P7763	GUARD ASSEM. ----- (R. H.)-----	1
4	7S546	SPIDER ASSEM.-----	1
5	3B1915	BOLT-----	6
6	1P7764	GUARD ASSEM. ----- (L. H.)-----	1
7	5S09	BOLT-----	2

C INDICATES CHANGE

212670

1P7878 BLOWER FAN AND GUARD GROUP

Note: 1P8484 Reversible Fan Assembly is available



1W7053-REBUILD KIT-----1
(Includes parts marked ▲)

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	11351	BOLT-----	2
C 2	8N5928	GASKET-----	1
3	4N6556	SEAL ASSEM.-----	1
4	8S7762	RING-----	1
5	8S8821	SEAL-----	1
6	8H9520	SEAL-----	1
7	5F3106	SEAL-----	1
▲ 8	1K6985	RING-----	1
▲ 9	8H9789	BEARING-----	1
▲ 10	S1619	BOLT-----	1
C 11	7N5193	GEAR----- (40 teeth)	1
12	2L5893	PIN-----	2
▲ 13	6H3957	BEARING-----	1

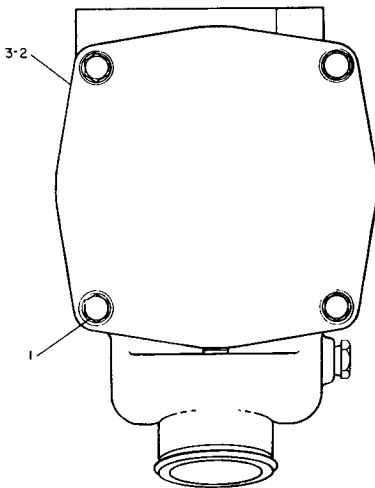
14	5M6213	PLUG-----	1
C 15	1W4619	HOUSING-----	1
16	T55	BOLT-----	2
C 17	8N5929	COVER-----	1
18	7N5910	IMPELLER-----	1
▲ 19	4L6454	BOLT-----	1
▲ 20	7N5899	SHAFT-----	1
▲ 21	9M6527	WASHER-----	1
▲ 22	5M2894	WASHER-----	5

C INDICATES CHANGE

234310

7N5909 WATER PUMP GROUP
Engine Serial No. 8Z1827 to 8Z9292 inclusive

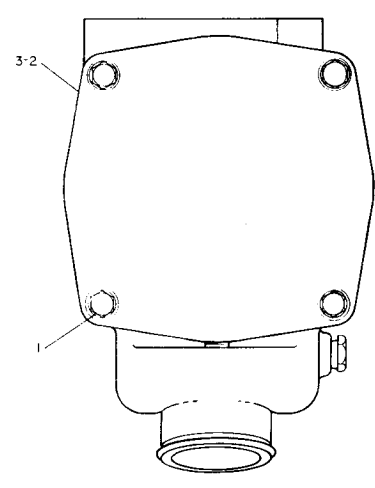
CATERPILLAR D6D LGP TRACTOR



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T55	BOLT-----	2
	5M2894	WASHER-----	2
2	1W3060	PUMP GROUP----- (Separate Illustration)	1
3	5F3106	SEAL-----	1

236224

7N5909 WATER PUMP GROUP
Engine Serial No. 8Z9293 to 8Z19090 inclusive
1W3060 Pump parts are shown on Page 35B

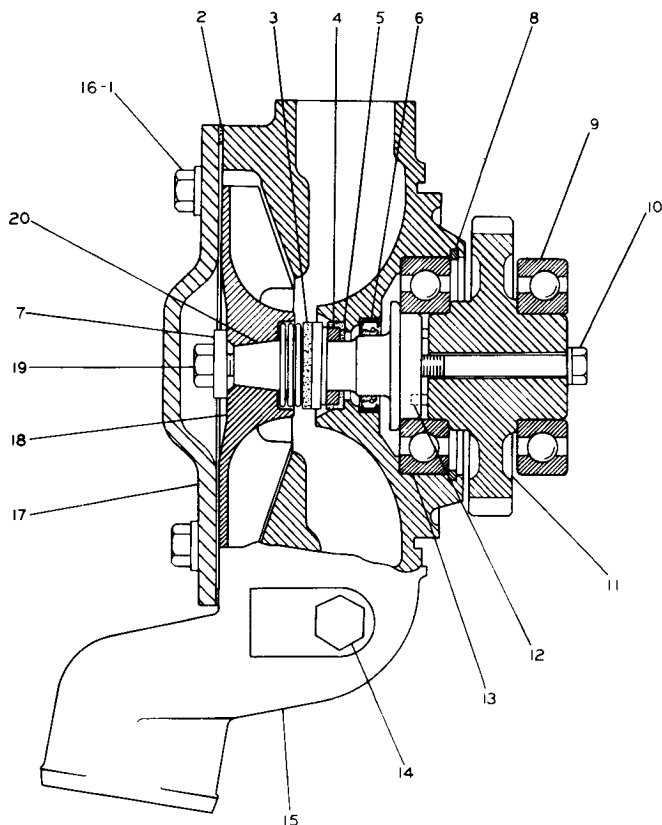


NOTE	REF. NO.	PART NUMBER	QTY.	DESCRIPTION
CY	1	T55	2	BOLT
		5M2894	2	WASHER
	2	2W8001	1	PUMP GROUP
	3	5F3106	1	SEAL

C INDICATES CHANGE
Y SEPARATE ILLUSTRATION

312593

7N5909 WATER PUMP GROUP
Engine Serial No. 8Z19091 —Up
2W8001 Pump parts are shown on Page 35D



REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1 L1351	BOLT-----	2
	2 8N5928	GASKET-----	1
	3 4N6556	SEAL ASSEM.-----	1
	4 8S7762	RING-----	1
	5 8S8821	SEAL-----	1
	6 6V3988	SEAL-----	1
CA	7 9M6527	WASHER-----	2
▲	8 1K6985	RING-----	1
▲	9 8H9789	BEARING-----	1
CA	10 L1352	BOLT-----	1
	11 7N5193	GEAR----- (40 teeth)	1
	12 2L5893	PIN-----	2
▲	13 6H3957	BEARING-----	1

C INDICATES CHANGE

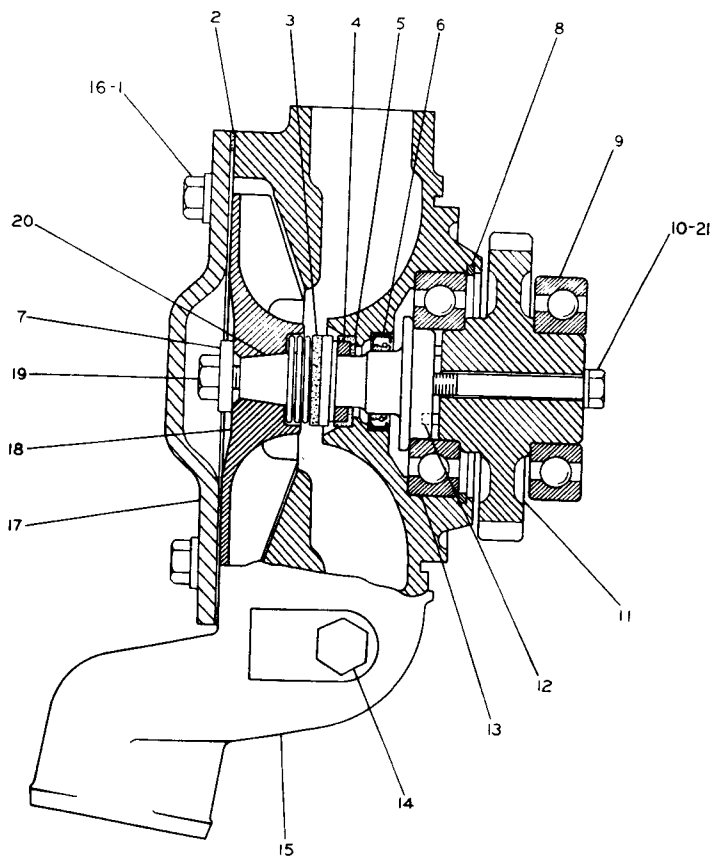
	14 5M6213	PLUG-----	1
	15 1W4619	HOUSING-----	1
C	16 5M2894	WASHER-----	2
	17 8N5929	COVER-----	1
	18 7N5910	IMPELLER-----	1
▲	19 4L6454	BOLT-----	1
▲	20 7N5899	SHAFT-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
C	1W7053	KIT----- (rebuild)	1
(Includes all parts marked ▲)			

303533

1W3060 WATER PUMP GROUP
 Engine Serial No. 8Z9293 to 8Z19090 inclusive
 Part of 7N5909 Water Pump Group shown on Page 35A

COOLING SYSTEM

35D



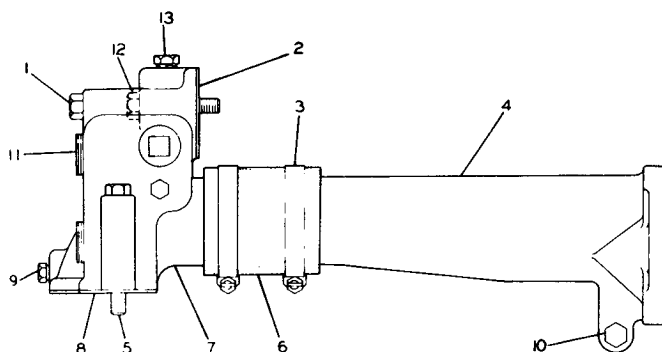
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	L1351	2	BOLT
	2	8N5928	1	GASKET
	3	6N9312	1	SEAL GROUP
	4	8S7762	1	RING
	5	8S8821	1	SEAL
	6	6V3988	1	SEAL
R	7	9M6527	2	WASHER
R	8	1K6985	1	RING
R	9	8H9789	1	BEARING
	10	3B8428	1	BOLT
C	11	7W0450	1	GEAR (40 TEETH)
	12	2L5893	2	PIN
R	13	6H3957	1	BEARING

	14	5M6213	1	PLUG
	15	1W4619	1	HOUSING
	16	5M2894	2	WASHER
	17	8N5929	1	COVER
	18	7N5910	1	IMPELLER
R	19	4L6454	1	BOLT
R	20	2W7255	1	SHAFT
	21	4S9191	1	WASHER
		6V9906	1	THE FOLLOWING REPAIR KIT IS AVAILABLE:
			1	KIT (REBUILD)
				(INCL. ALL PARTS MARKED R)

C INDICATES CHANGE

331920

2W8001 WATER PUMP GROUP
 Engine Serial No. 8Z19091-Up
 Part Of 7N5909 Water Pump



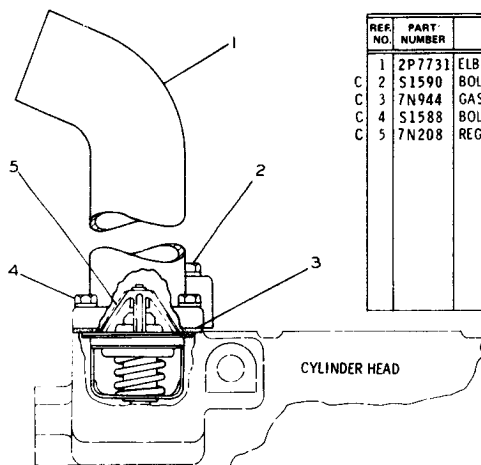
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	T65	BOLT-----	1
2	2P6132	GASKET-----	1
3	5P4868	CLAMP-----	2
4	2P2511	PIPE-----	1
5	S1619	BOLT-----	2
6	5P1260	HOSE-----7.62 cm(3 in.)	1
7	7N172	ELBOW-----	1

8	7N200	GASKET-----	1
9	5M6213	PLUG-----	2
10	S1588	BOLT-----	1
11	1B5174	PLUG-----	3
12	S1590	BOLT-----	1
13	3J5390	PLUG-----	1

▲ ORDER BY THE CENTIMETRE

216810

7N211 WATER LINES GROUP

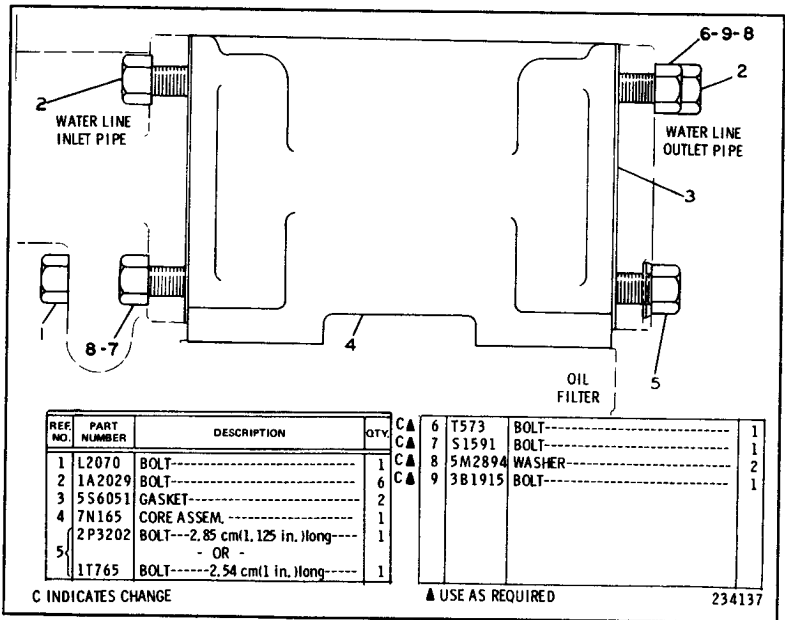


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P7731	ELBOW-----	1
C 2	S1590	BOLT-----	1
C 3	7N944	GASKET-----	1
C 4	S1588	BOLT-----	3
C 5	7N208	REGULATOR-----	1

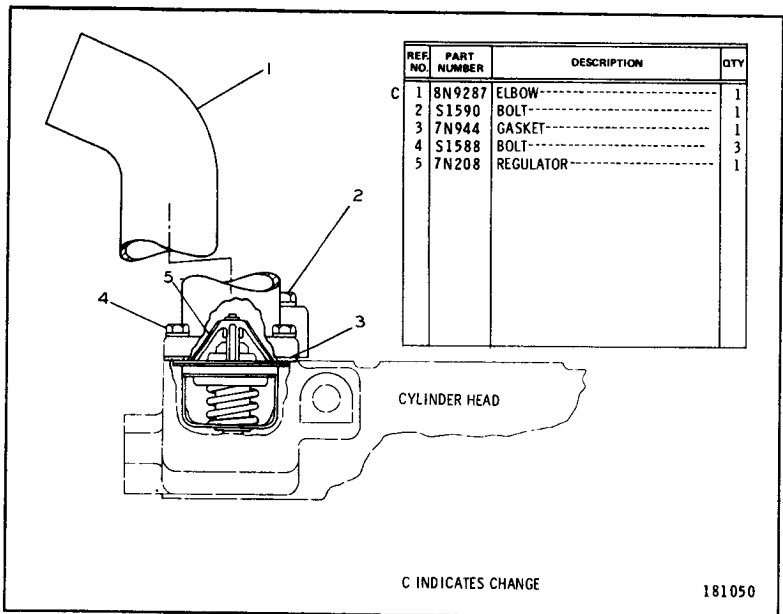
C INDICATES CHANGE

212666

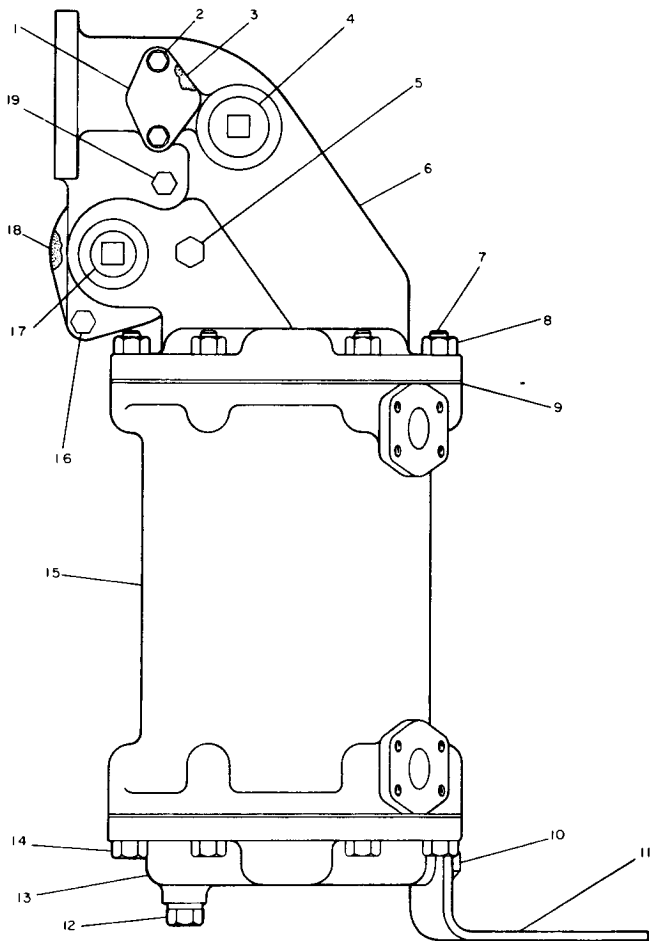
2P8173 HOUSING AND REGULATOR GROUP
Serial No. 6X1115 to 6X1189 inclusive



2P6215 ENGINE OIL COOLER GROUP



2P8173 HOUSING AND REGULATOR GROUP
Serial No. 6X1190—Up



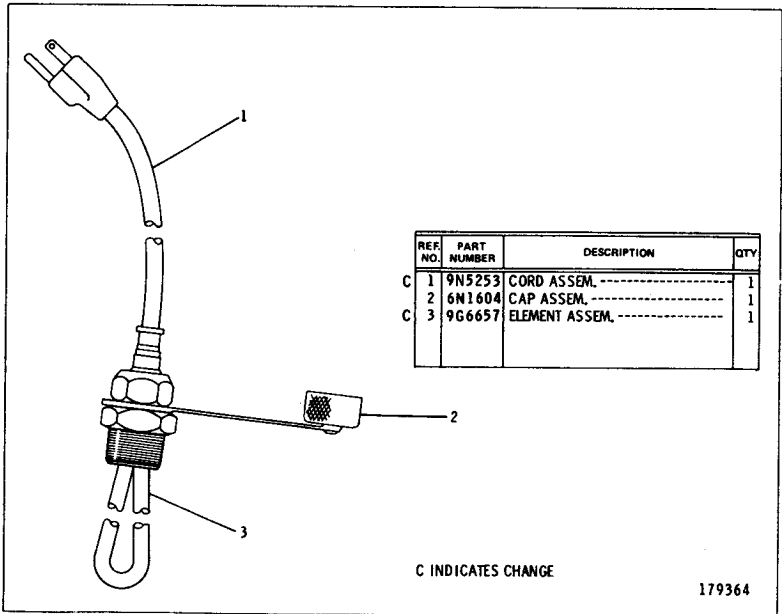
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4N3840	1	COVER
	2	OS1617	2	BOLT
	3	9M1974	2	WASHER
	4	4N3841	1	GASKET
	5	3B0551	1	PLUG
	6	7N3340	1	BONNET
	7	9M5082	6	STUD
	8	1D4718	6	NUT
	9	2S0795	2	GASKET
	10	OS1595	1	BOLT
	11	5P8245	1	WASHER
	12	7N3331	1	BRACKET

12	2H8829	1	PLUG
	6F7062	1	GASKET
13	7N3512	1	BONNET
14	4F8965	6	BOLT
15	7N3521	1	CORE AS.
16	OS1591	1	BOLT
17	1B5174	1	PLUG
18	2W4561	1	GASKET
19	OL1352	1	BOLT

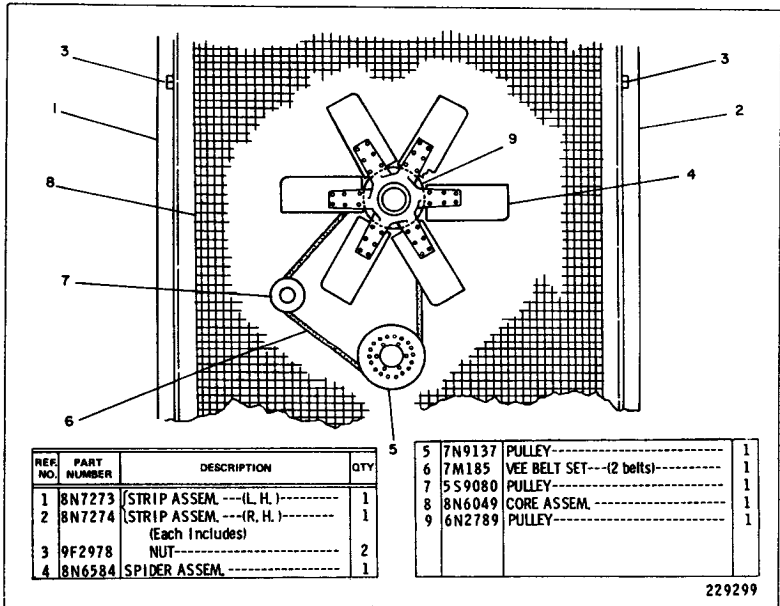
C INDICATES CHANGE

323896

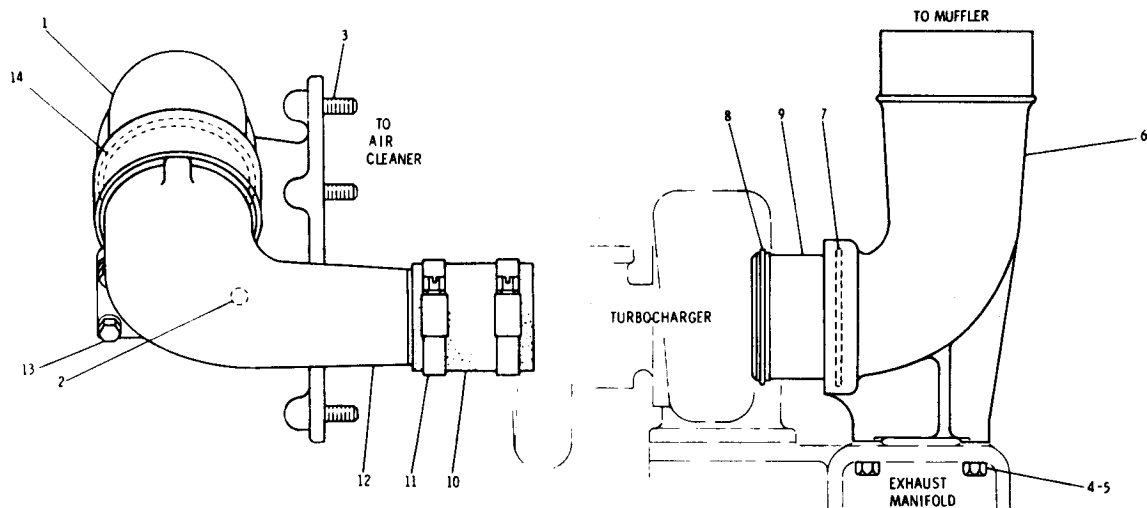
7N3520 TRANSMISSION OIL COOLER GROUP



4N3586 JACKET WATER HEATER GROUP
AN ATTACHMENT



1N4909 SUPPLEMENTAL COOLING GROUP
FOR USE IN AREAS WHERE THERE IS A LARGE AMOUNT OF DEBRIS
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N8246	PIPE-----	1
2	7M1674	ELEMENT-----	1
3	9M2151	STUD-----	8
4	51571	BOLT-----	3

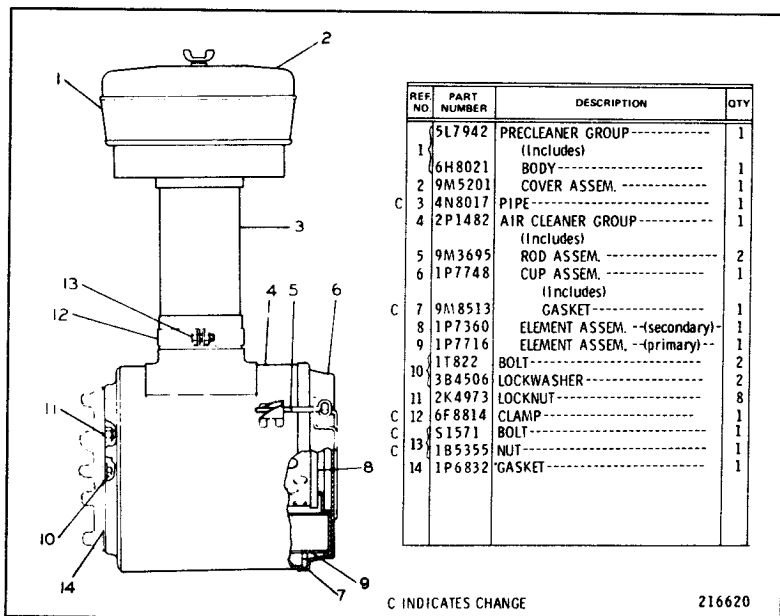
5	1B5355	NUT-----	3
6	4N9213	ELBOW----- (exhaust)-----	1
7	5L8855	SEAL----- (ring)-----	1
8	6N9	SEAL----- (ring)-----	1
9	4N8591	COUPLING-----	1
10	5P1263	HOSE----- 10.16 cm (4 in.)	1

11	5P598	CLAMP-----	2
12	4N8466	ELBOW-----	1
13	1A2029	BOLT-----	3
14	5H7704	SEAL-----	2

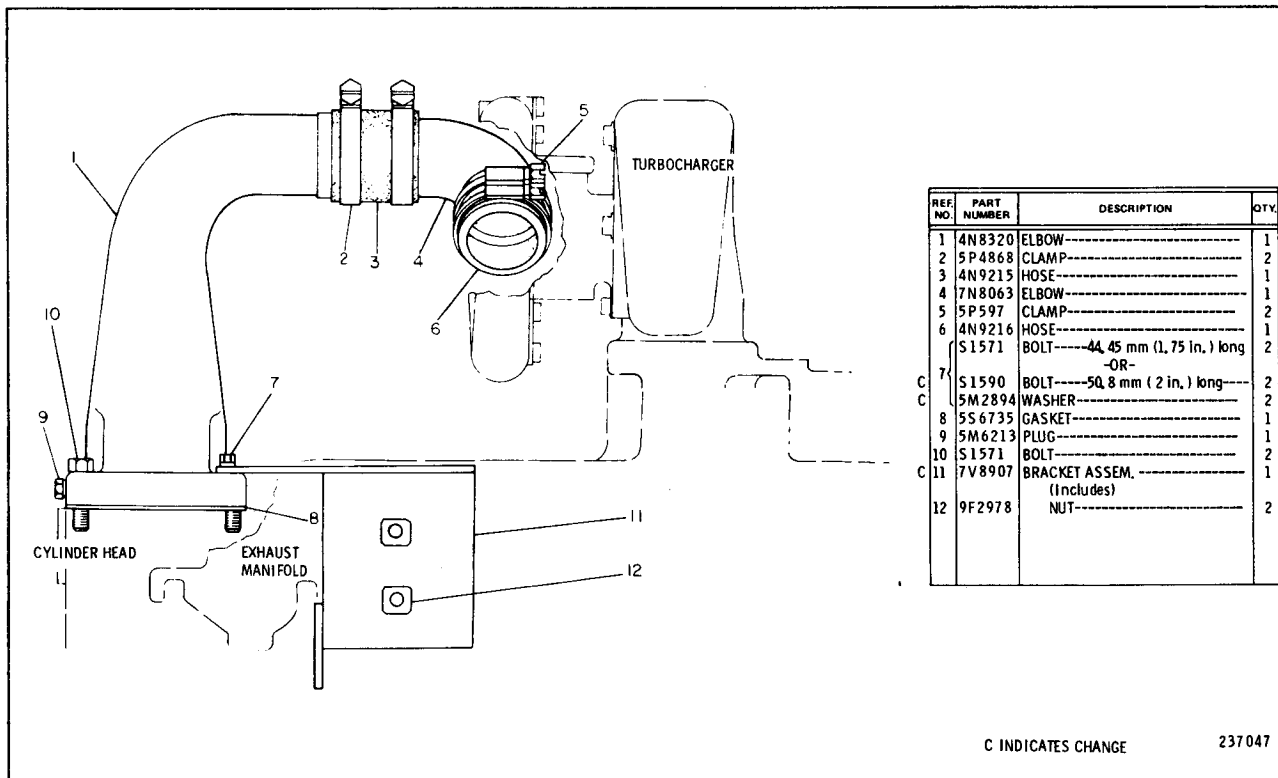
▲ ORDER BY THE CENTIMETRE

170302

7N4098 AIR LINES GROUP



2P1484 AIR CLEANER GROUP

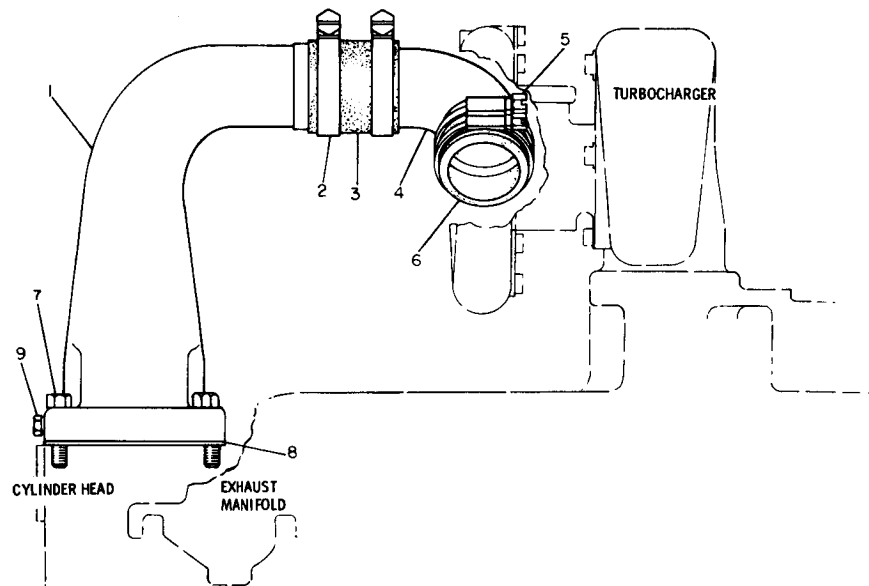


C INDICATES CHANGE

237047

7N3884 AIR LINES GROUP
Engine Serial No. 8Z1827 to 8Z8187 inclusive

7N3884 AIR LINES GROUP
Serial No. 8Z8188—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N8320	ELBOW-----	1
2	5P4868	CLAMP-----	2
3	4N9215	HOSE-----	1
4	7N8063	ELBOW-----	1
5	5P597	CLAMP-----	2
6	4N9216	HOSE-----	1
7	S1571	BOLT-----	4
8	5S6735	GASKET-----	1
9	5M6213	PLUG-----	1

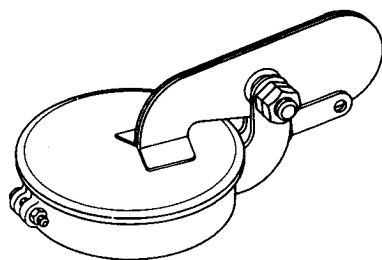
C

C INDICATES CHANGE

300658

INTAKE AND EXHAUST SYSTEM

41A-1

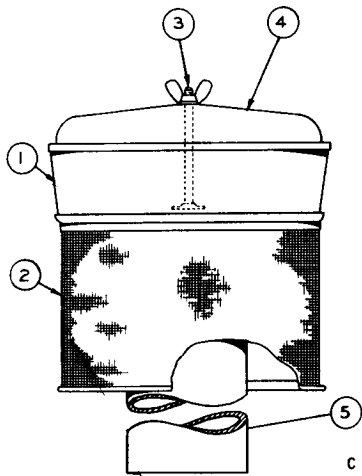


THE INDIVIDUAL PARTS OF THIS
ASSEMBLY ARE NOT SERVICED SEPARATELY

217936

7S1784 RAIN CAP ASSEMBLY

CATERPILLAR D6D LGP TRACTOR

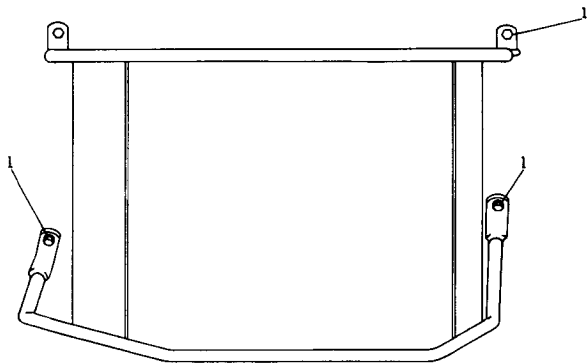


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S601	PRESCREENER ASSEM.-----	1
	6H8021	BODY-----	1
2	9S614	SLEEVE ASSEM.-----	1
	3S2966	BOLT-----	1
3	3S9228	WASHER-----	1
4	9M5201	COVER ASSEM.-----	1
C 5	8S2381	STACK-----	1

C INDICATES CHANGE

229302

7N6470 PRESCREENER ASSEMBLY
AN ATTACHMENT



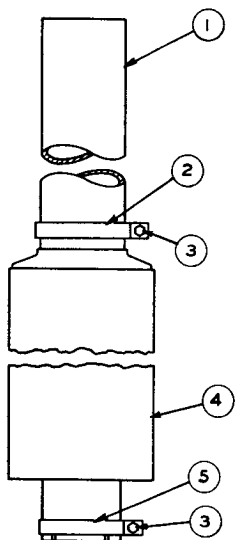
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1594	BOLT-----	4
	1D4717	NUT-----	4
C	5P1075	WASHER-----	4

C INDICATES CHANGE

229300

8P5415 PRECLEANER GUARD GROUP

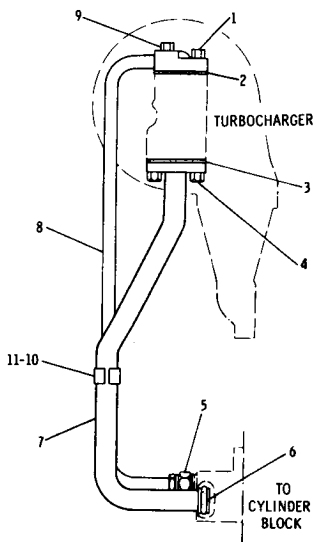
C INDICATES CHANGE FROM PREVIOUS TYPE



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9S1768	PIPE-----	1 C
2	6F8815	CLAMP-----	1
3	S1591	BOLT-----	2
3	1B5355	NUT-----	2
4	7S8443	MUFFLER-----	1
5	7H4266	CLAMP-----	1

126221

7S6741 MUFFLER GROUP

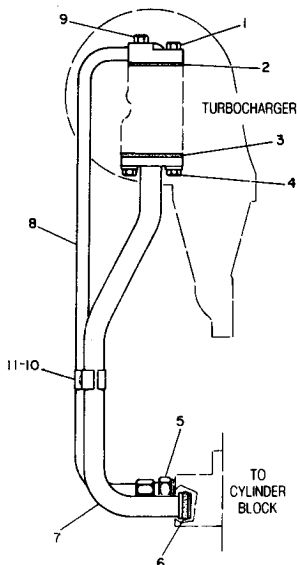


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4B3388	BOLT-----	1
2	1S6595	GASKET-----	1
3	1P1255	GASKET-----	1
4	1A2029	BOLT-----	2
5	3R5387	CONNECTOR-----	1
6	9M4849	SEAL-----	1
7	1N3410	TUBE ASSEM. -----(drain)-----	1
8	1N4040	TUBE ASSEM. -----(supply)-----	1
9	1B2790	BOLT-----	1
10	6N6033	CLIP-----	2
11	S1617	BOLT-----	1
12	1D4716	NUT-----	1
13	9M1974	WASHER-----	2

C INDICATES CHANGE

229470

6N25 TURBOCHARGER LINES GROUP
Engine Serial No. 8Z1827 To 8Z19861 Inclusive



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4B3388	1	BOLT
	2	1S6595	1	GASKET
	3	1P1255	1	GASKET
	4	1A2029	2	BOLT
C	5	5M2894	2	WASHER
	6	3R5387	1	CONNECTOR
	7	9M4849	1	SEAL
C	8	4W2183	1	TUBE AS. (DRAIN)
	9	1N4040	1	TUBE AS. (SUPPLY)
	10	1B2790	1	BOLT
	11	6N6033	2	CLIP
		1S1617	1	BOLT
		1D4716	1	NUT
		9M1974	2	WASHER

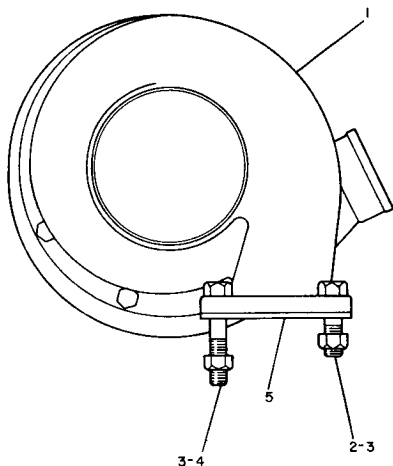
C INDICATES CHANGE

316928

6N0025 TURBOCHARGER OIL LINES GROUP

Engine Serial No. 8Z19862-Up

INTAKE AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
Y	1	7N7748	1	TURBOCHARGER GROUP
C	2	9L2295	2	BOLT
C	3	2N2766	4	LOCKNUT
C	4	7L6443	2	BOLT
	5	1P451	1	GASKET

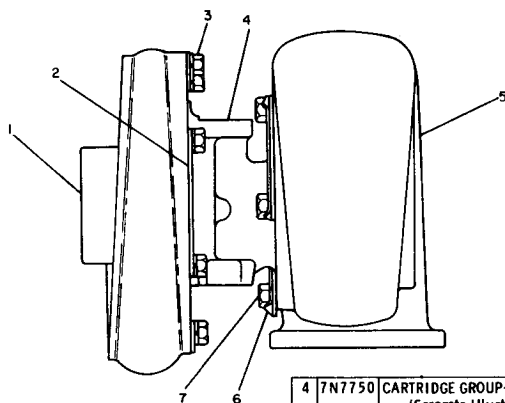
Y SEPARATE ILLUSTRATION

C INDICATES CHANGE

315751

8N2669 TURBOCHARGER GROUP

7N7748 Turbocharger Parts Are Shown On Page 44



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N7746	HOUSING----(compressor)-----	1
2	1P715	PLATE-----	4
3	51614	BOLT-----	8
	3B4504	LOCKWASHER-----	8

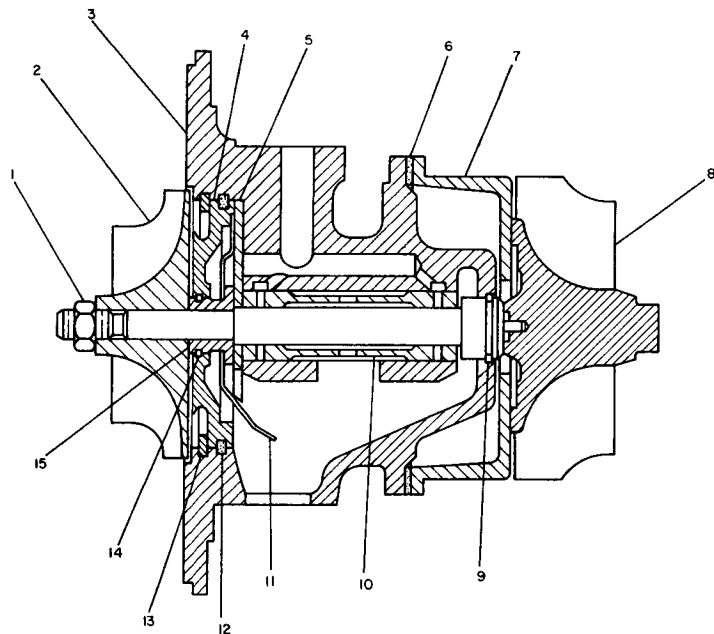
▲ NOT SHOWN-MOUNTED ON CARTRIDGE HOUSING

4	7N7750	CARTRIDGE GROUP-----	1
		(Separate Illustration)	
5	7N7747	HOUSING----(turbine)-----	1
6	6N1523	LOCK-----	2
6	6N1522	PLATE-----	2
7	6N2145	BOLT-----	4
8	4N8155	NAMEPLATE-----	1
8	8H3710	SCREW-----	1

225434

7N7748 TURBOCHARGER GROUPPart Of 8N2669 Turbocharger Group Shown On Page 44
7N7750 Cartridge Parts Are Shown On Page 45

7N7750 CARTRIDGE GROUP
Part of 7N7748 Turbocharger Group shown on Page 44



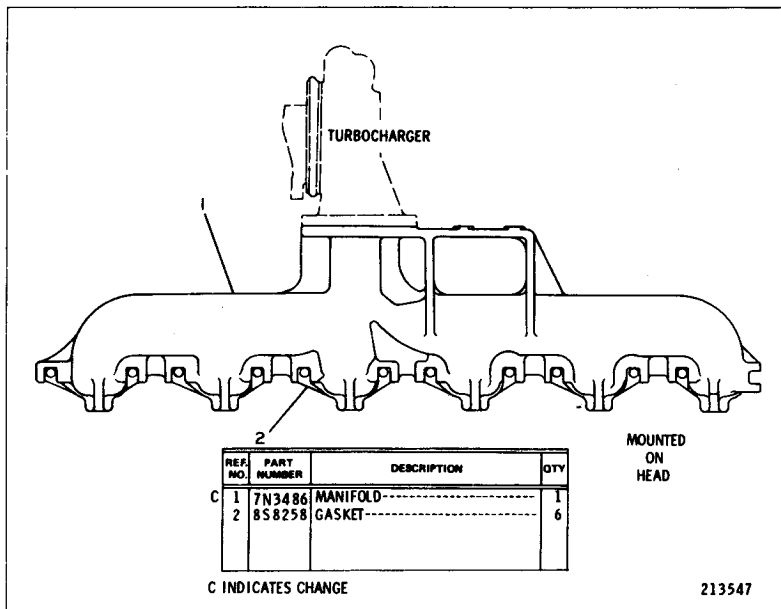
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
● 1	7N456	NUT-----	1
2	7N7749	WHEEL-----	1
3	6N1529	HOUSING ASSEM.-----	1
	(Includes)		
4	6N1530	PIN-----	2
5	6N1527	INSERT-----	1
6	6N1528	BEARING-----	1
7	6N4357	GASKET-----	1
8	6N1531	SHROUD-----	1
9	6N1532	SHAFT AND WHEEL ASSEM.-----	1
C 9	1N3806	RING-----	1
● 10	6N1533	BEARING-----	1
● 11	6N1534	DEFLECTOR-----	1
● 12	5P5757	SEAL-----	1
● 13	5S4546	RING-----	1
● 14	6N1526	RING-----	1
● 15	6N1535	SLEEVE-----	1
▲	2S1507	NAMEPLATE-----	1
	8H3710	SCREW-----	1
	6N7242	KIT----- (Cartridge)-----	1
		(Includes parts marked ●)	
	SMHS6774	FORM-----	1
		(Installation of cartridge kit)	

C INDICATES CHANGE

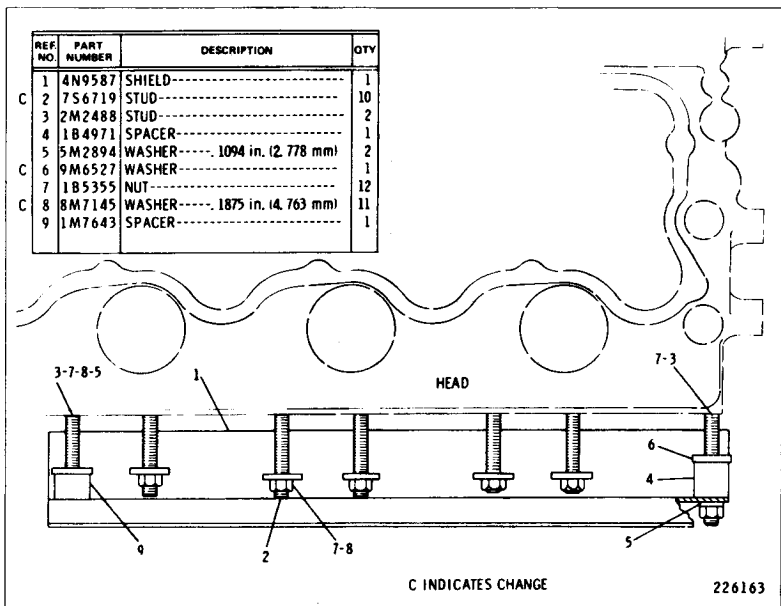
▲ NOT SHOWN

228972

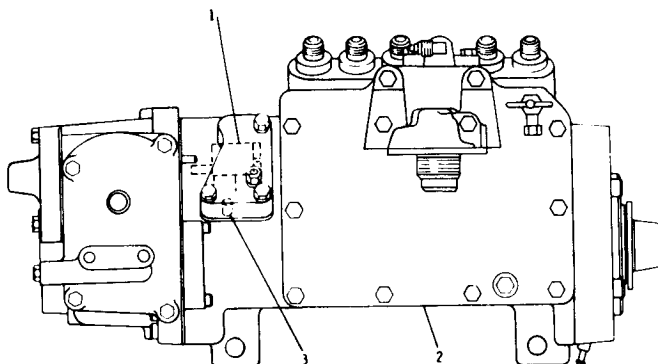
INTAKE AND EXHAUST SYSTEM



6N164 EXHAUST MANIFOLD GROUP



4N9586 EXHAUST MANIFOLD FASTENER GROUP



REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	6N3586	TORQUE CONTROL GROUP----- (Separate Illustration)	1
2	1N4806	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1

3	4N443	PIN-----	1
---	-------	----------	---

C INDICATES CHANGE

179382

1N4807 GOVERNOR AND FUEL INJECTION PUMP GROUP—For Field Replacement order 7N2177

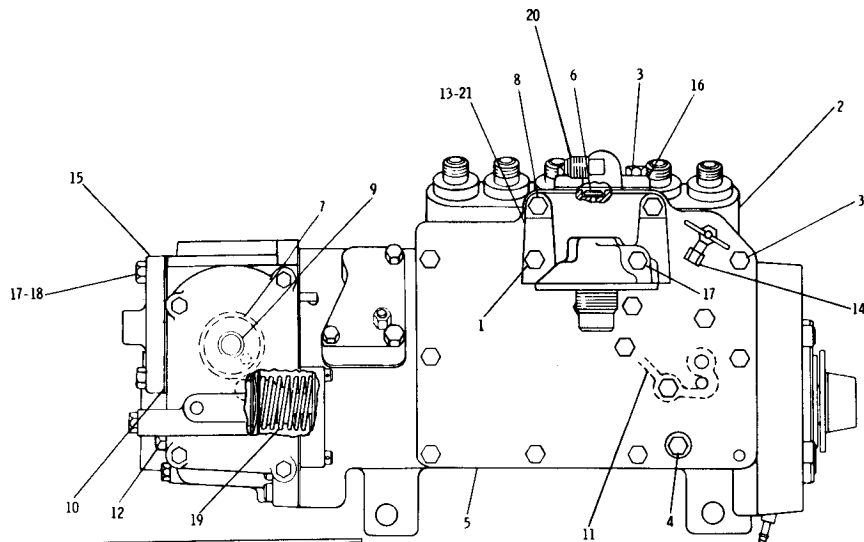
1N4806 Governor and 6N3586 Torque Control parts are shown on Pages 48 and 54

CONSISTS OF:

PAGE

1	7N2193	GOVERNOR & FUEL INJECTION PUMP GROUP ...	49
1		FORM SMHS6728	

7N2177 GOVERNOR AND FUEL INJECTION PUMP GROUP—Field Installation



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9F7022	BOLT-----3.81 cm(1.5 in.)long---	1
2	7N1738	FUEL INJECTION PUMP GROUP----- (Separate Illustration)	1
3	S1615	BOLT-----	13
4	9S4180	PLUG-----	1
	4J7533	SEAL-----	1

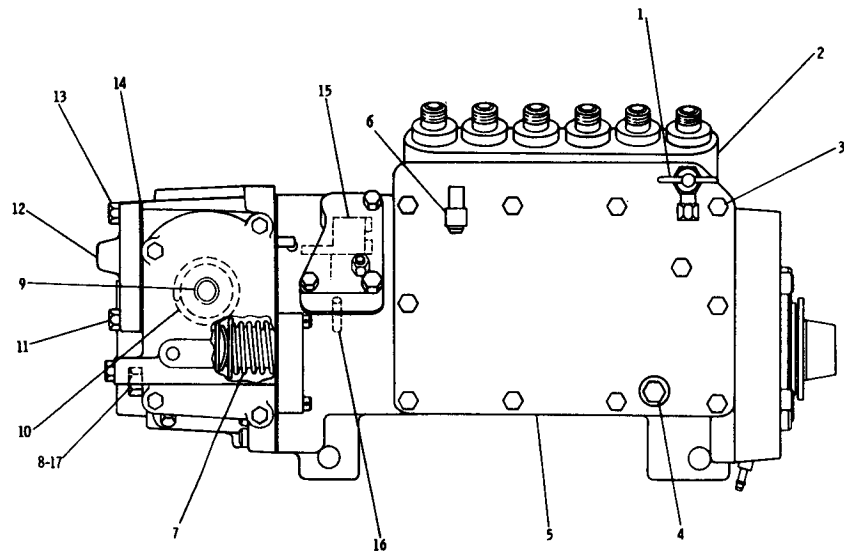
5	4N4351	COVER-----	1
6	4N9057	GASKET-----	1
7	4N9336	DISC-----	1
8	4N4366	SPRING-----	1
9	9F6580	BOLT-----	2
10	4N4320	SHAFT ASSEM.-----	1
	4N159	GASKET-----	1

11	4N4431	GASKET-----	1
	6N2810	CHANNEL-----	1
12	9S4191	PLUG-----	1
	3J1907	SEAL-----	1
13	6N2843	GASKET-----	1
14	7N450	VALVE ASSEM.-----	1
15	4N53	COVER-----	1
16	4N7572	ELBOW-----	1
	4N9337	GASKET-----	1
17	8S4710	BOLT-----10.16 cm(4 in.)long---	3
18	S1616	BOLT-----2.54 cm(1 in.)long---	1
19	4N4223	SPRING-----	1
20	4N1828	ELBOW-----	1
	4N5490	BASE ASSEM.-----	1
21		(Includes)	
	9S4167	STUD-----	1

228653

1N4806 GOVERNOR AND FUEL INJECTION PUMP GROUP
 Part of 1N4807 Governor and Fuel Injection Pump Group shown on Page 47
 7N1738 Governor parts are shown on Pages 51 through 53

7N2193 GOVERNOR AND FUEL INJECTION PUMP GROUP
 Part of 7N2177 Governor and Fuel Injection Pump Group shown on Page 47
 7N1738 Governor and 6N599 Torque Control parts are shown on Pages 50 through 54

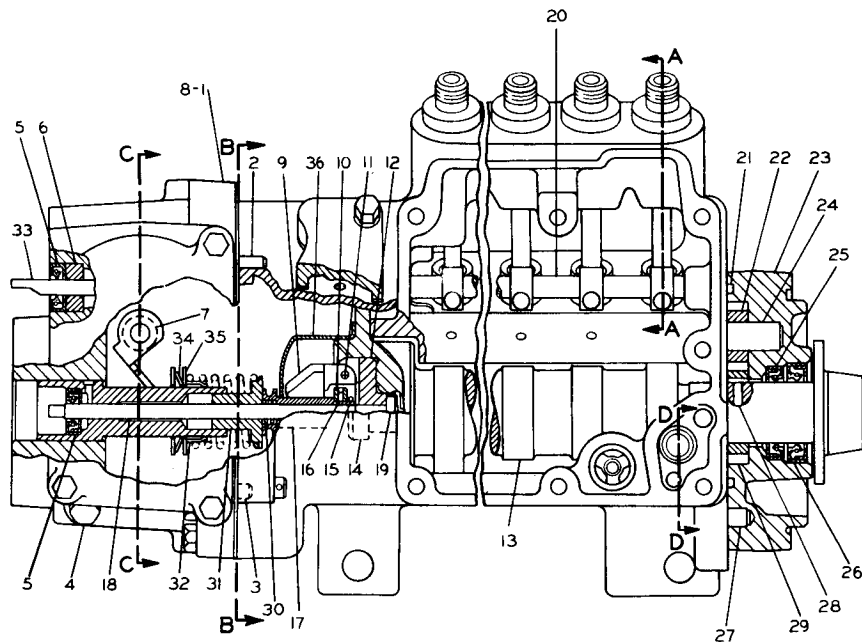


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N450	VALVE ASSEM.-----	1
2	7N1738	PUMP GROUP----- (Separate Illustration)	1
3	S1615	BOLT-----	10
4	9S4180	PLUG----- (drain)-----	1
5	4J7533	SEAL-----	1
6	7N2058	COVER-----	1
7	4N9057	GASKET-----	1
8	4N1828	ELBOW-----	1
9	4N4223	SPRING-----	1
10	3J1907	SPRING-----	1
11	4N4320	SHAFT ASSEM.-----	1
12	4N4366	SPRING-----	1
13	8S4710	BOLT-----	2
14	4N53	COVER-----	1
15	S1616	BOLT-----	1
16	4N159	GASKET-----	1
17	6N599	CONTROL GROUP----- (Separate Illustration)	1
18	4N443	PIN-----	1
19	9S4191	COVER-----	1

C INDICATES CHANGE

229494

REFER TO ALL PARTS OF THIS
GROUP FOR AUXILIARY VIEWS

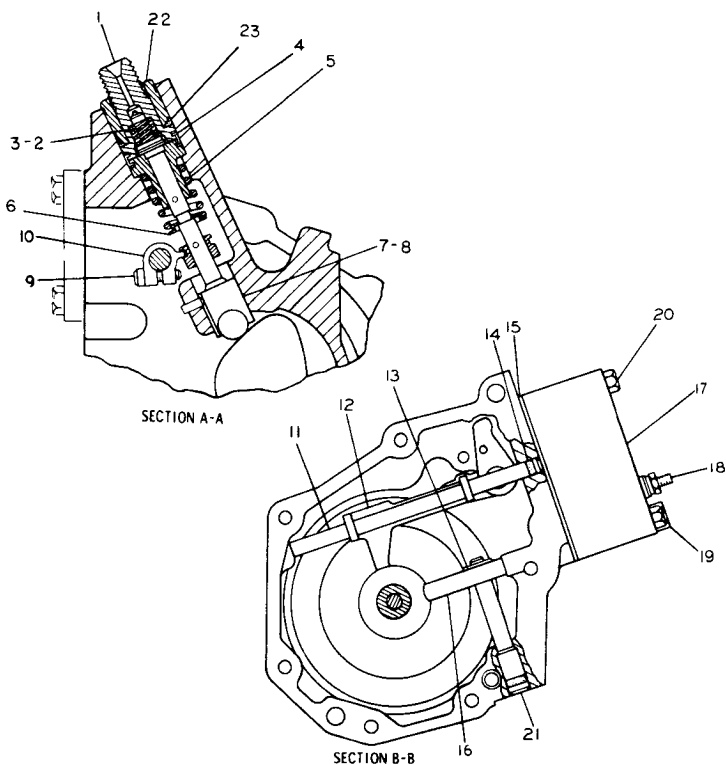


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	6N5324	1	HOUSING AS.
	2	4N2333	1	DOWEL
	3	8S6814	2	DOWEL
	4	4N5050	1	PLUG
	5	4N260	2	SEAL
	6	6N2578	1	BEARING
	7	2W4037	1	SEAL
	8	9S4180	1	PLUG
	9	4J7533	1	SEAL
	9	4N425	3	WEIGHT
	10	4N2927	2	RACE
	11	4N511	3	DOWEL
	12	8N2663	1	CARRIER
	13	6N4451	1	CAMSHAFT
	14	8N2662	3	BOLT
	15	4N2953	1	RING
	16	7M7219	1	BEARING
	17	4N434	1	RISER
	18	4N9018	1	SHAFT
	19	4N9019	1	DOWEL
	20	4N572	1	SHAFT AS.
	21	5M6509	1	SEAL
	22	4N406	1	GEAR (10 TEETH)
	23	9L6863	1	BODY AS.
		4N5050	1	PLUG
	24	8H9804	1	SHAFT
	25	4N636	1	SEAL
	26	4N1584	1	SEAL
	27	8S6814	1	DOWEL
	28	4N3779	1	KEY
	29	4N429	1	GEAR (15 TEETH)
	30	6N6662	1	SPRING
	31	6N4655	1	DASH POT AS.
	32	6N7451	1	SEAT
	33	4N927	1	SHAFT AS.
	34	6N2956	1	WASHER (SPRING)
	35	6N2957	2	WASHER
	36	4N1723	1	SHIELD

C INDICATES CHANGE

315864

7N1738 GOVERNOR & FUEL INJECTION PUMP GROUP—PART 1 OF 4
Part Of 1N4806 & 7N2193 Governor & Fuel Injection Pump Groups Shown On
Pages 48 & 49



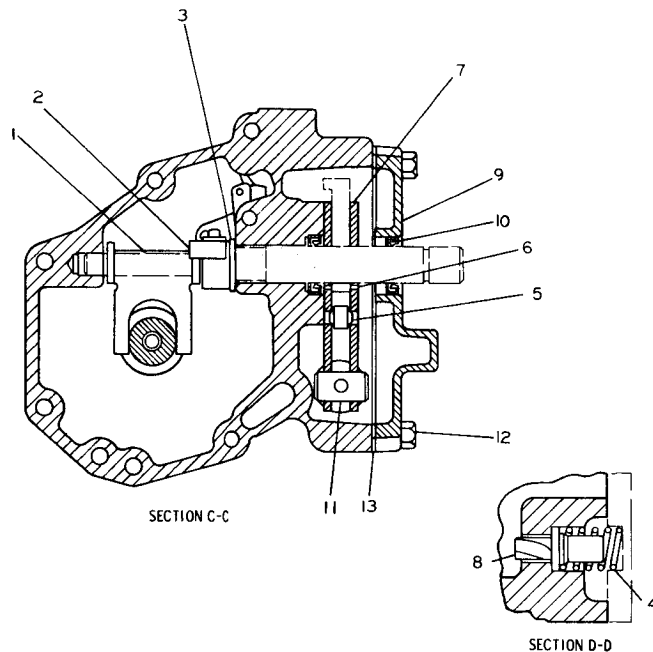
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1 7N5301	PUMP ASSEM.-----	6
	2 8N1417	BONNET-----	1
	3 8N1415	SPRING-----	1
	4 8N1414	CHECK ASSEM.-----	1
	5 5N224	RING-----	1
	6 9N5862	SPRING-----	1
	7 4N2728	WASHER-----	1
	8 6N6794	LIFTER-----	6
	9 4N2685	ROLLER-----	6
	10 2N2658	BOLT-----	6
	11 4N1763	LEVER-----	6
	12 4N528	SHAFT-----	1
	13 4N2677	LEVER ASSEM.-----	1
	14 2M7819	RING-----	1
	15 3H442	SEAL-----	1
	15 4N508	GASKET-----	1

C INDICATES CHANGE

16	4N445	LEVER-----	1
17	4N1591	COVER ASSEM.-----	1
	6N411	COVER-----	1
	6N412	MACHINE SCREW-----	1
	4B2042	NUT-----	1
18	3B4501	LOCKWASHER-----	1
	1P7326	WASHER-1.52mm(.06 in.) thick	1
	8F1326	WASHER-1.52mm(.06 in.) thick	1
19	2P3200	BOLT-----	1
	1J9671	SEAL-----	1
20	2M5471	BOLT-----	2
21	4N523	DOWEL-----	1
	2D6392	SEAL-----	1
22	4N218	BUSHING-----	6
23	6F6672	SEAL-----	6

229973

7N1738 GOVERNOR AND FUEL INJECTION PUMP GROUP — Part 2 of 4
 Part of 1N4806 and 7N2193 Governor and Fuel Injection Pump Groups shown
 on Pages 48 and 49



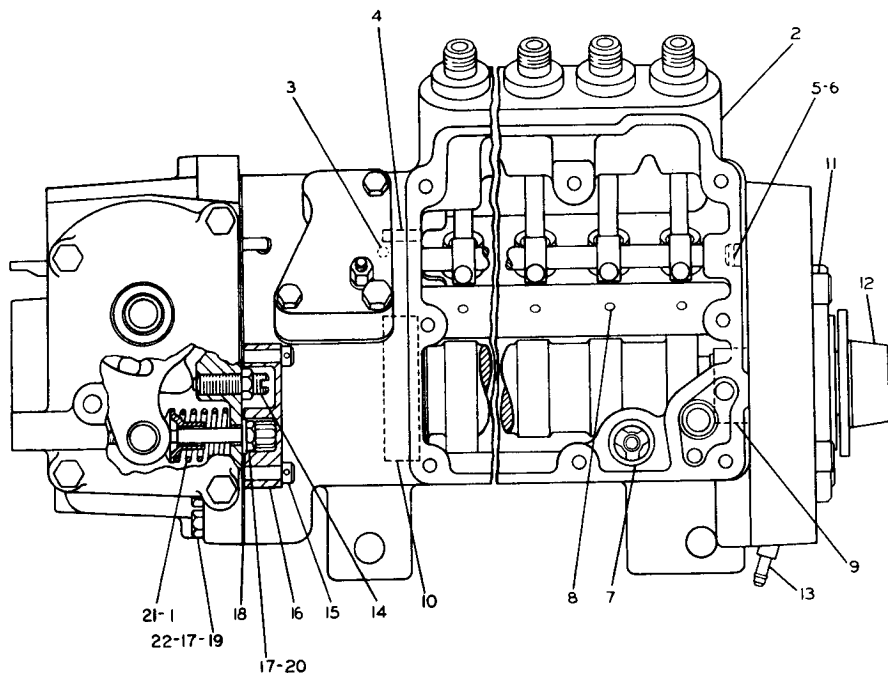
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4N1881	1	LEVER
	2	4N448	1	LEVER AS.
		9L8571	1	DOWEL
	3	8F5368	1	WASHER
	4	4N605	1	SPRING
	5	4N8179	1	PIN
	6	4N444	2	SPACER
	7	6N5482	2	PLATE
	8	4N1767	1	VALVE
	9	4N687	1	COVER AS.
C	10	2W4037	1	SEAL
	11	9S8601	1	PIN
	12	S1616	4	BOLT
	13	4N402	1	GASKET

C INDICATES CHANGE

315865

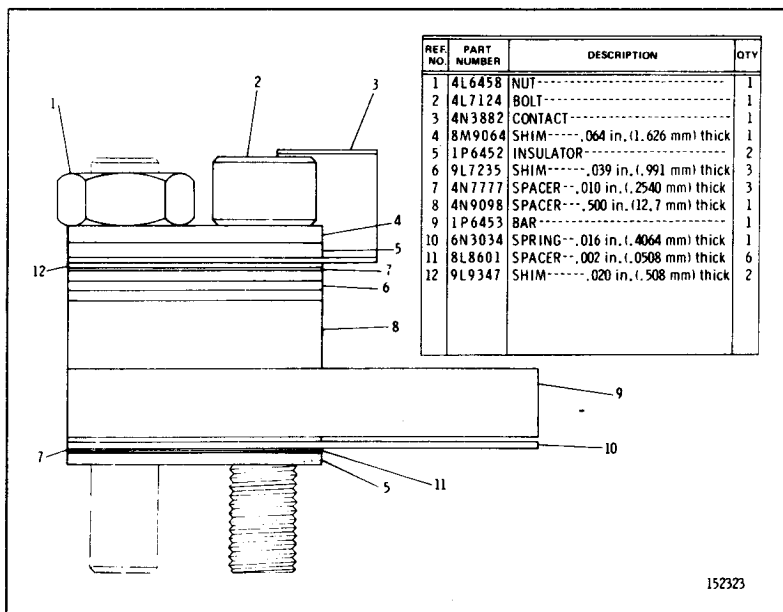
7N1738 GOVERNOR & FUEL INJECTION PUMP GROUP—PART 3 OF 4
 Part Of 1N4806 & 7N2193 Governor & Fuel Injection Pump Groups
 Shown On Pages 48 & 49

7N1738 GOVERNOR AND FUEL INJECTION PUMP GROUP — Part 4 of 4
Part of 1N4806 and 7N2193 Governor and Fuel Injection Pump Groups shown on Pages 48 and 49

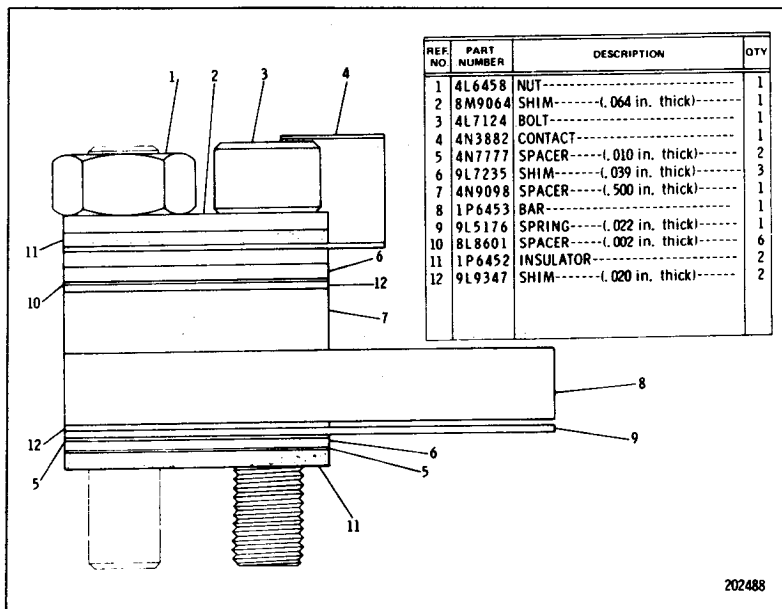


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N116	GUIDE-----	1
2	8N1570	HOUSING ASSEM. -----	1
		(Includes)	
3	4N5481	STUD-----	1
4	4N2333	PIN-----	1
5	4N1826	DOWEL-----	1
6	2D6392	SEAL-----	1
7	1P2298	VALVE ASSEM. -----	1
8	8N984	PIN-----	6
9	6N1078	BEARING-----	1
10	8N628	BEARING-----	1
11	5J5314	BOLT-----	4
12	4N2954	SLEEVE-----	1
13	1P4001	FITTING-----	1
14	4N54	SCREW-----	1
15	5B3180	NUT-----	1
16	1P2497	BOLT-----	2
17	4N5578	COVER-----	1
18	4N49	GASKET-----	1
19	1P9925	BOLT-----6.35 cm(2.50 in.)----	2
20	4N594	GASKET-----	1
21	2A4781	BOLT-----6.99 cm(2.75 in.) long	1
22	6N7523	WASHER-----	1
	9S8632	SPRING-----	1
	3B8695	BOLT-----8.89 cm(3.5 in.) long--	1
	6N7523	WASHER-----	1

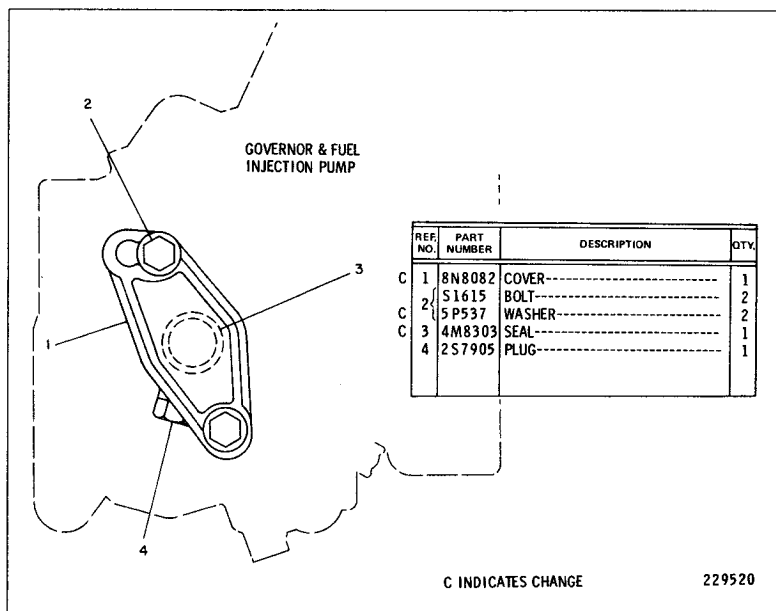
229974

**6N3586 TORQUE CONTROL GROUP**

Part of 1N4807 Governor and Fuel Injection Pump Group shown on Page 47

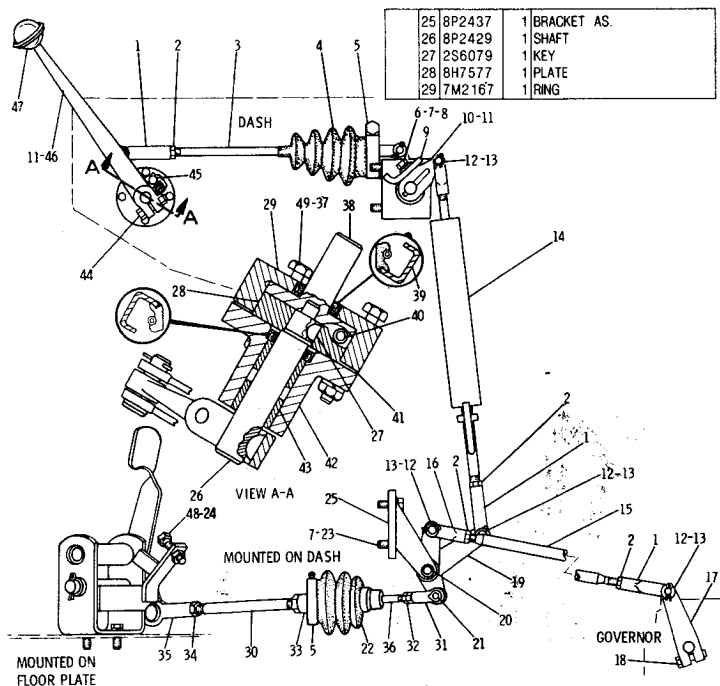
**6N599 TORQUE CONTROL GROUP**

Part of 7N2193 Governor and Fuel Injection Pump Group shown on Page 49



4N4510 GOVERNOR COVER GROUP

CATERPILLAR D6D LGP TRACTOR



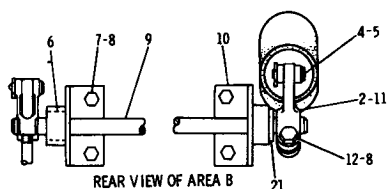
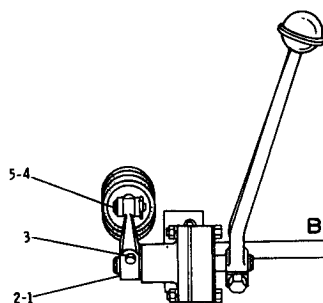
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1A9252	4	END
	2	5B9079	5	NUT
	3	1P4573	1	ROD
	4	8P7317	1	BOOT
	5	5P597	2	CLAMP
	6	51591	1	BOLT
	7	3B4506	3	LOCKWASHER
	8	4B4278	1	WASHER
	9	8P3167	1	ANGLE
C	10	6D5707	1	LEVER
C	11	1B8704	2	KEY
	12	9H6673	4	PIN
	13	3B4615	4	COTTER PIN
	14	8P2451	1	ROD AS.
	15	8P2445	1	ROD
	16	1F5403	1	END
	17	1V26	1	LEVER
	18	4B3388	1	BOLT
	19	8P2441	1	BELL CRANK AS.
	20	3K6662	2	BEARING
	21	8P2443	1	SHAFT
	22	6H3956	1	PIN
	23	3D8752	1	NUT
	24	8P7792	1	BOOT
C	25	51588	2	BOLT
	26	1B2578	1	NUT

	30	8P2454	1	ROD AS.
		8P2455	1	ROD
	31	9K8757	1	END
	32	1A8285	1	NUT
	33	8P2456	1	TUBE
		8H9523	1	SPRING
	34	1B4430	2	NUT
	35	5J557	1	END
C	36	8P2458	1	ROD
	37	1B4330	4	NUT
		3B4504	4	LOCKWASHER
	38	8P2430	1	SHAFT AS.
		2S6091	2	DOWEL
	39	8H9180	2	SEAL
	40	5H7152	1	SPRING
	41	7M6955	1	GASKET
	42	8P2426	1	SUPPORT AS.
	43	9F5647	1	BEARING
	44	3B1915	1	BOLT
		1D4717	1	NUT
	45	8H9182	2	ROLLER
		8H9186	2	SPRING
	46	8M6770	1	LEVER
	47	7F8092	1	KNOB
C	48	4B3611	1	SETScrew
	49	8B2377	3	BOLT 50.80MM(2IN.) LONG
		1B2713	1	BOLT 44.45MM(1.75IN.) LONG

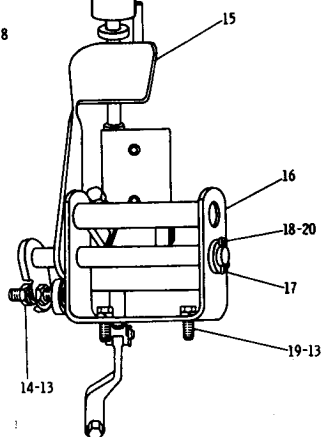
C INDICATES CHANGE

313429

8P2457 GOVERNOR CONTROL GROUP — Part 1

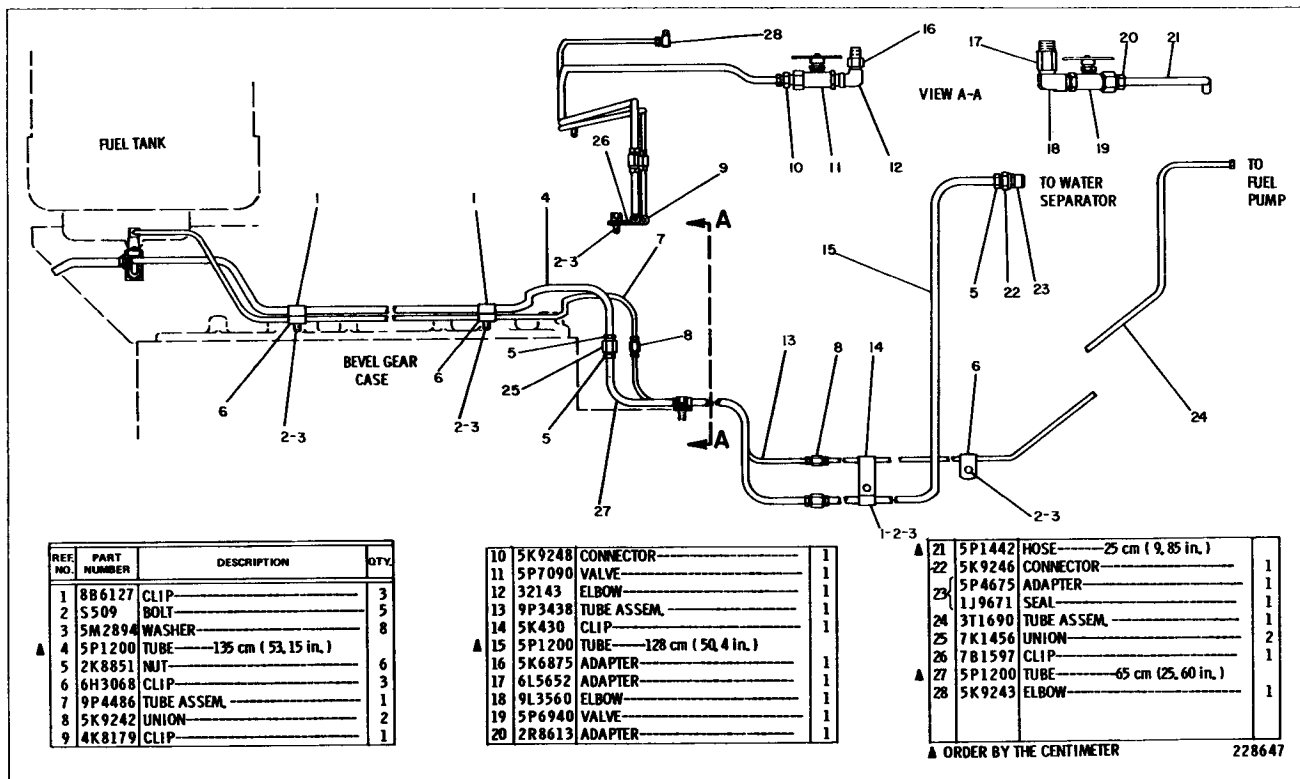


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8M6773	LEVER-----	1
2	1B8704	KEY-----	1
3	51588	BOLT-----	1
4	9H6673	PIN-----	2
5	3B4615	COTTER PIN-----	2
6	4D2619	BEARING-----	2
7	L1351	BOLT-----	4
8	3B4506	LOCKWASHER-----	5
9	8P2435	SHAFT-----	1
C 10	3T1753	BRACKET ASSEM.-----	2
11	5K6079	LEVER-----	1
12	3B1915	BOLT-----	1
13	3B4508	LOCKWASHER-----	3
14	1B4205	NUT-----	1
15	8P2463	PEDAL ASSEM.-----	1
16	8P2460	SUPPORT ASSEM.-----	1
		(Includes)	
17	1P6313	BUSHING-----	2
18	3B4617	COTTER PIN-----	1
19	S1595	BOLT-----	2
20	1A2812	WASHER-----	1
C 21	2S7593	WASHER-----	1



C INDICATES CHANGE

230337



3T339 FUEL LINES GROUP

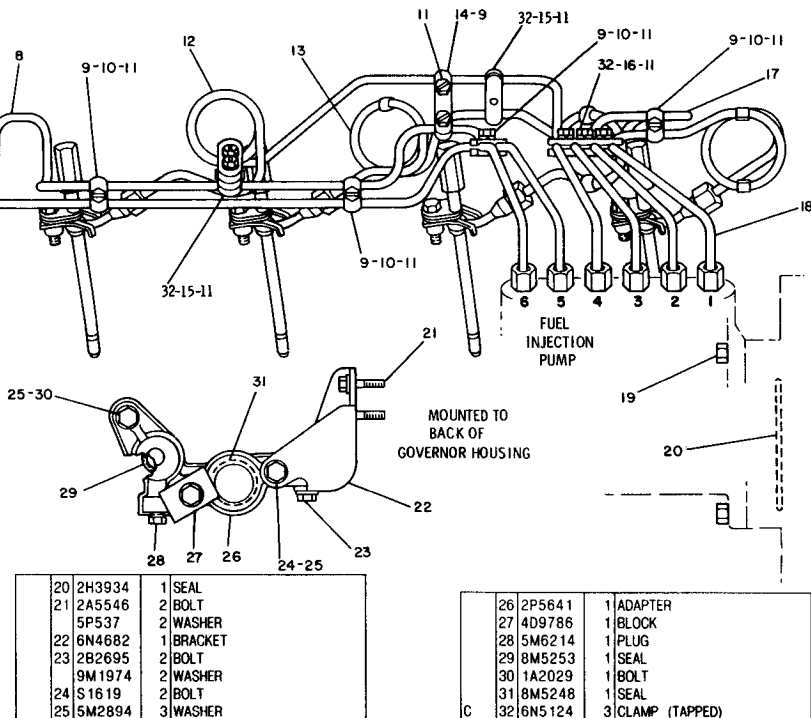
7N1646 FUEL INJECTION LINES GROUP

FUEL SYSTEM AND GOVERNOR

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	9L8388	6	SPACER
	2	1W2459	6	CLAMP AS.

C	3	7N449	6	NOZZLE AS. (EACH INCLUDES)
	4	1H1023	1	SEAL
	5	9L9098	1	SEAL
	6	9L9099	1	WASHER
	7	8N4376	1	LINE AS. (NO. 6)
	8	8N4375	1	LINE AS. (NO. 5)
	9	6N6403	7	CLAMP (TAPPED)
	10	6N6404	5	CLAMP
	11	6H9954	13	MACHINE SCREW AS.
	12	8N4374	1	LINE AS. (NO. 4)
C	13	8N4373	1	LINE AS. (NO. 3)
	14	1N3139	1	CLAMP AS.
C	15	7N4417	2	CLAMP AS.
	16	6N5125	1	CLAMP AS.
	17	8N4372	1	LINE AS. (NO. 2)
	18	8N4371	1	LINE AS. (NO. 1)
	19	1B4203	3	NUT

C INDICATES CHANGE

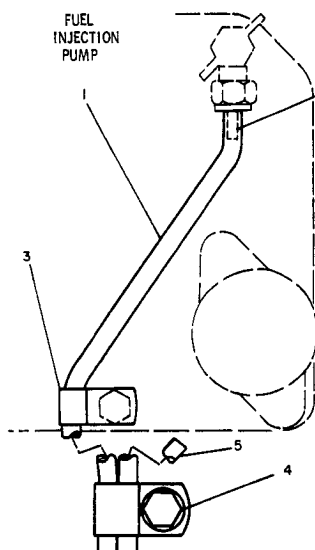


20	2H3934	1	SEAL
21	2A5546	2	BOLT
	5P537	2	WASHER
22	6N4682	1	BRACKET
23	2B2695	2	BOLT
	9M1974	2	WASHER
24	S1619	2	BOLT
25	5M2894	3	WASHER

	26	2P5641	1	ADAPTER
	27	4D9786	1	BLOCK
	28	5M6214	1	PLUG
	29	8M5253	1	SEAL
	30	1A2029	1	BOLT
	31	8M5248	1	SEAL
C	32	6N5124	3	CLAMP (TAPPED)

316866

FUEL SYSTEM AND GOVERNOR

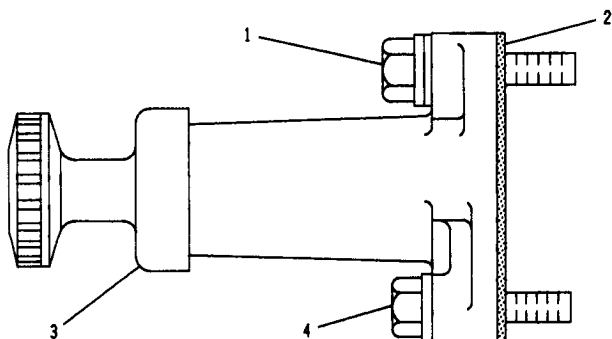


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P6011	TUBE-----, 6 m(23.62 in.)	1
2	7K8332	INSERT-----	1
3	1A5350	CLIP-----	1
C	5K2298	CLIP-----	1
4	2H3755	BOLT-----	1
C	9M1974	WASHER-----	1
C	5P6011	TUBE----- (Drain)---, 4m(15.7 in.)	1

▲ ORDER BY THE METER
C INDICATES CHANGE

181762

7N3616 DRAIN LINES GROUP



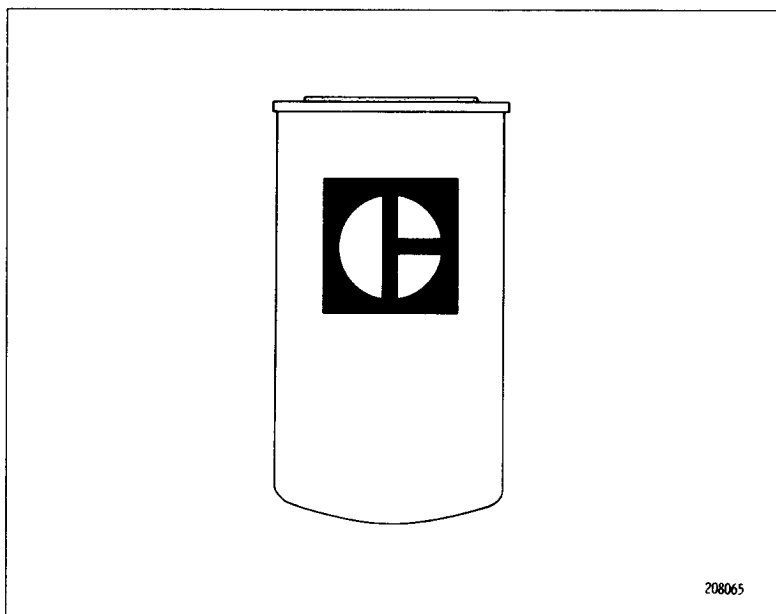
NOTE	REF. NO.	PART NUMBER	QTY	DESCRIPTION
C	1	1H5514	1	BOLT
CB	2	9M1974	1	WASHER
	3	1P0436	1	GASKET
C	3	4W0788	1	PUMP AS.
	4	1P2298	2	VALVE AS.
		7F8607	1	SEAL
		4T0302	1	WASHER (FELT)
		9F7022	1	BOLT
		5P0537	1	WASHER

B-USE AS REQUIRED

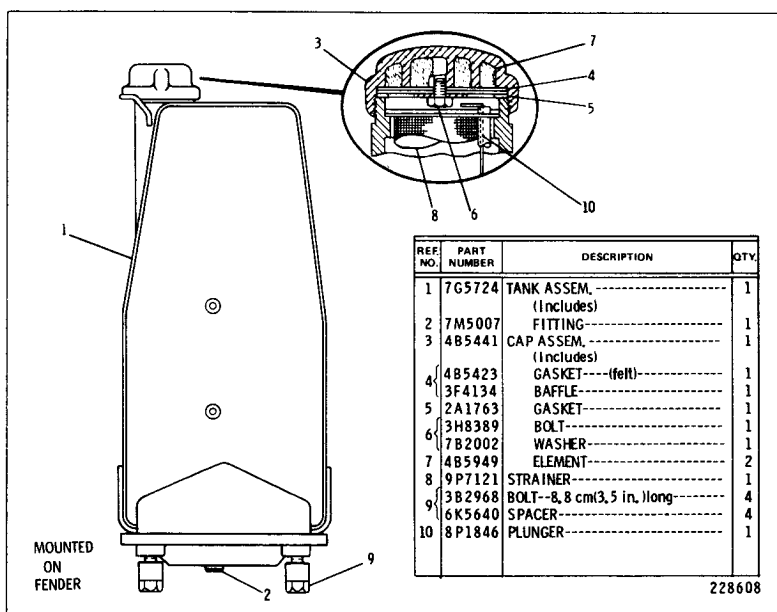
C-INDICATES CHANGE

■ 329406

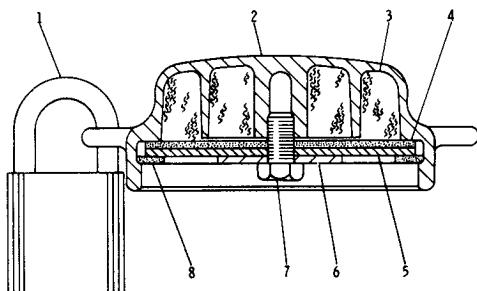
4N4314 FUEL PRIMING PUMP GROUP



1P2299 FUEL FILTER ASSEMBLY



9G6090 FUEL TANK GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5 P8502	PADLOCK GROUP-----	1
		(Includes)	
1	5 P8500	KEY-----	2

▲ NOT PART OF 9G8847 GROUP

2	9G6082	CAP ASSEM.-----	1
		(Includes)	
2	8P408	CAP-----	1
3	4B5949	ELEMENT-----	2
4	4B5423	GASKET-----	1
5	3F4134	BAFFLE-----	1
6	7B2002	WASHER-----	1
7	3H8389	SCREW-----	1
8	2A1763	GASKET-----	1

228815

9G8847 PROTECTION COVER GROUP — Fuel Tank Cap AN ATTACHMENT

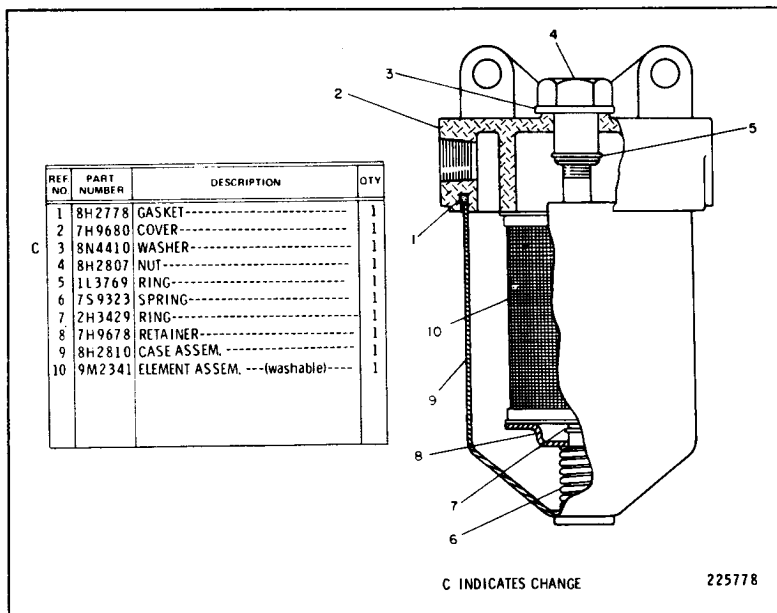
CONSISTS OF:

PAGE

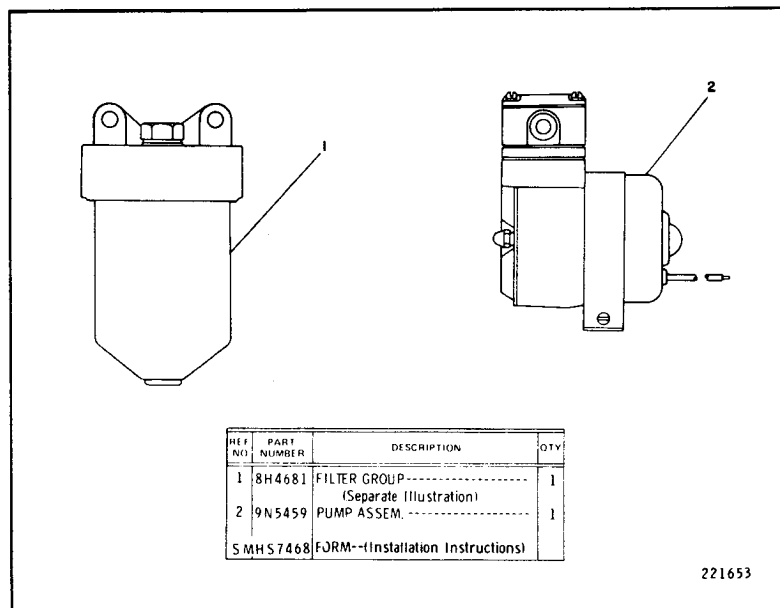
1	8H4681	PRIMARY FUEL FILTER GROUP	63
1	6N6	FUEL PUMP ASSEMBLY	
1		FORM SMHS7468	

8N3569 FUEL PUMP GROUP — Boost-24 Volt — Field Installation

Provides positive pressure to the sleeve metering fuel system components on the suction side of the fuel transfer pump

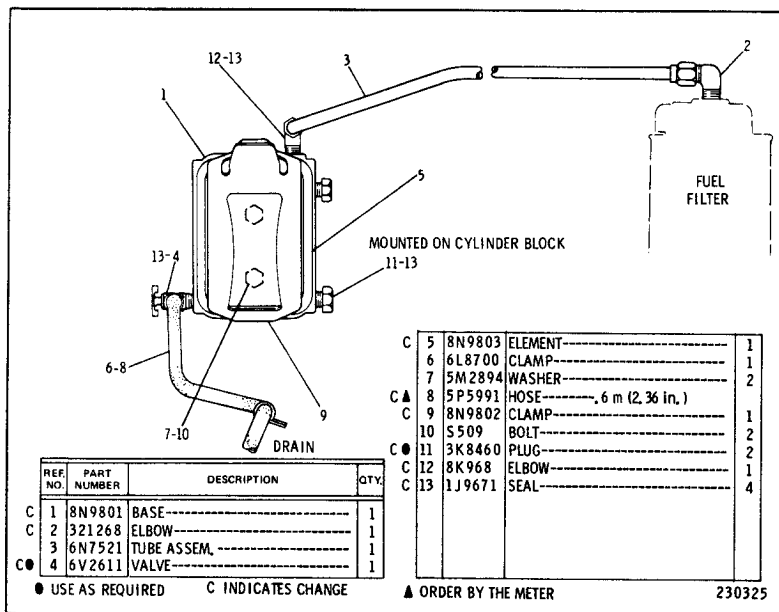


8H4681 PRIMARY FUEL FILTER—Type 1
 Part of 8N3569 and 9N5458 Fuel Pump Groups shown on Pages 62 and 63

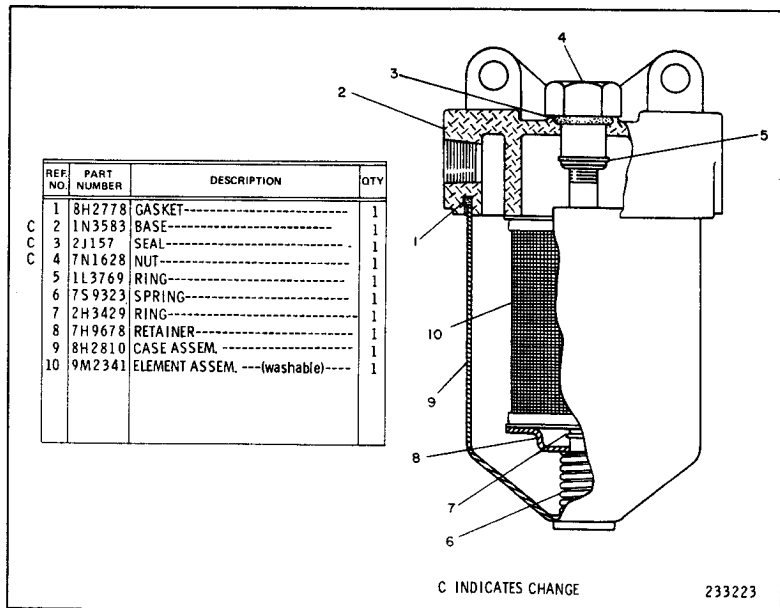


9N5458 ELECTRICAL FUEL PUMP—Boost—24 Volt
 8H4681 Filter parts are shown on Page 63

CATERPILLAR D6D LGP TRACTOR



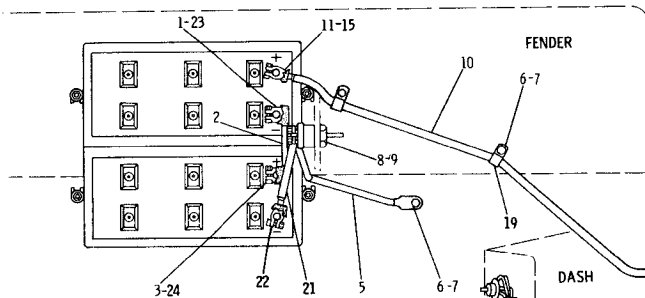
7N9781 WATER SEPARATOR GROUP



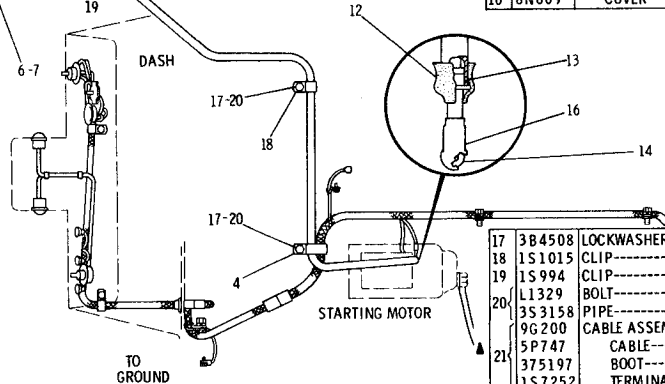
8H4681 PRIMARY FUEL FILTER GROUP—Type 2

Part of 8N3569 and 9N5458 Fuel Pump Groups shown on Pages 62 and 63

9G6035 BATTERY AND WIRING GROUP—Part 1 of 3
Serial No. 6X1115 to 6X1179 inclusive
7N718 Switch parts are shown on Page 70



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5M9205	TERMINAL ASSEM. ---- (-) ---- (Includes)	1
1	1M6119	BOLT-----	1
1	1M6120	NUT-----	1
2	5P747	CABLE-----31 cm(12, 21 in.)	1
2	5M9204	TERMINAL ASSEM. ---- (+) ---- (Includes)	1
3	1M6119	BOLT-----	1
3	1M6120	NUT-----	1
4	7S1912	CLIP-----	1
4	8P8237	CABLE ASSEM. ---- (Includes)	1
5	5P747	CABLE-----108 cm(42, 52 in.)	1
5	375197	BOOT-----	1
5	1S7252	TERMINAL-----	2
6	S509	BOLT-----	3
7	3B4506	LOCKWASHER-----	3
8	7N718	SWITCH ASSEM. ---- (Separate Illustration)	1
9	8H8648	PLATE-----	1

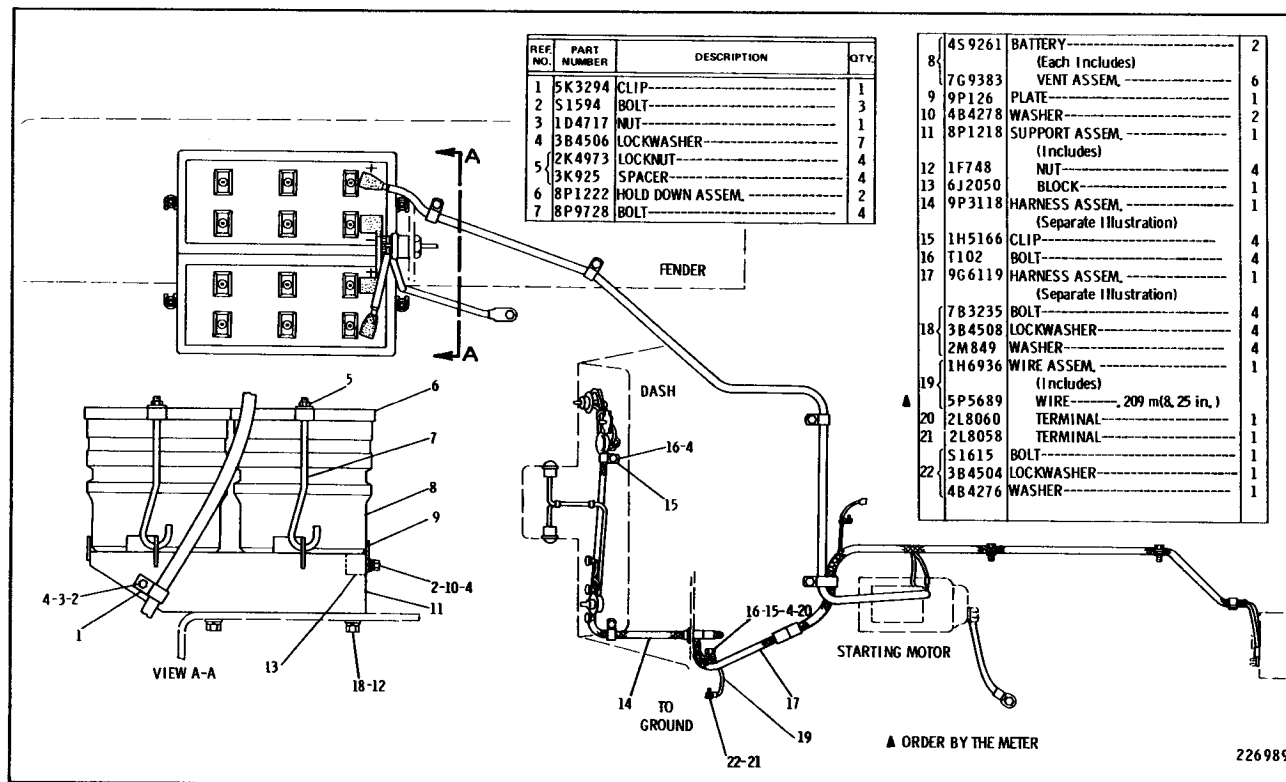


▲ ORDER BY THE CENTIMETER

10	7G4936	CABLE ASSEM. ----	1
10	5P747	CABLE-----246, 4 cm(97 in.)	1
10	5P694	CONDUIT-----233, 7 cm(92 in.)	1
11	3S6049	TERMINAL ASSEM. ---- (+) ----	1
11	1M6119	BOLT-----	1
11	1M6120	NUT-----	1
12	1S2244	BOOT-----	2
12	1S4915	LINER-----	2
13	3S2093	TIE-----	2
14	1S7251	TERMINAL-----	1
15	8N1725	COVER-----	1
16	8N869	COVER-----	1

17	3B4508	LOCKWASHER-----	2
18	1S1015	CLIP-----	1
19	1S994	CLIP-----	2
20	L1329	BOLT-----	2
20	3S3158	PIPE-----	2
20	9G200	CABLE ASSEM. ----	1
21	5P747	CABLE-----40 cm(15, 7 in.)	1
21	375197	BOOT-----	1
21	1S7252	TERMINAL-----	1
21	7N5274	COVER-----	1
22	3S6050	TERMINAL ASSEM. ----	1
22	1M6119	BOLT-----	1
22	1M6120	NUT-----	1
23	9G3	COVER-----	1
24	9G4	COVER-----	1

226988



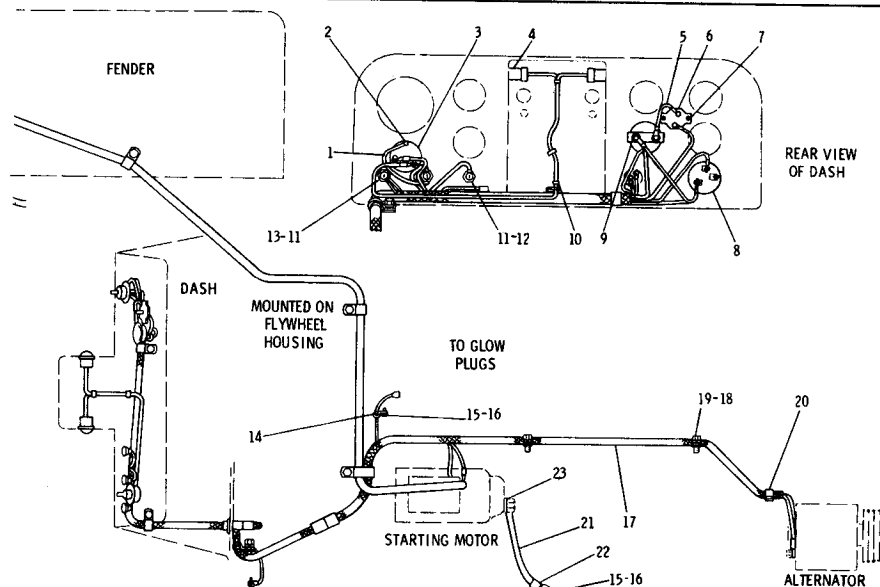
226989

9G6035 BATTERY AND WIRING GROUP—Part 2 of 3
 Serial No. 6X1115 to 6X1179 inclusive
 9P3118 and 9G6119 Harness parts are shown on Pages 68 & 69

9G6035 BATTERY AND WIRING GROUP—Part 3 of 3
Serial No. 6X1115 to 6X1179 inclusive
9G6120 Harness and 9G1480 Switch parts are shown on Pages 69 and 70

STARTING AND ELECTRICAL SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8P7353	WIRE ASSEM. ----- (Includes)	1
2	5P5624	WIRE-----, 155 m(6, 102 in.)	1
	4L3916	TERMINAL---(female)-----	1
	2L8075	TERMINAL-----	1
3	7S4602	SWITCH ASSEM.---(three position) (Includes)	1
	7S5432	KNOB-----	1
	7H27	NUT-----	1
	1H4393	LOCKWASHER-----	3
	9B7242	SCREW-----	3
	3S8642	LAMP ASSEM.-----	2
4	6N8742	BODY ASSEM.----- (Each Includes)	1
	2D1959	BULB-----	1
	4S6313	WIRE ASSEM.----- (Includes)	1
5	5P5632	WIRE-----, 1 m(3, 94 in.)	2
	2L8066	TERMINAL-----	2
6	9S173	CIRCUIT BREAKER---(60 amp)---	1
7	4B1223	SCREW-----	2
8	9G1480	SWITCH GROUP---(heat-start)--- (Separate Illustration)	1
9	8M7892	AMMETER---(60 amp)---	1
10	1S9593	STRAP-----	4
11	4K5122	HOLDER-----	3
12	8M8948	FUSE---(15 amp)---	2
13	2S6024	FUSE---(5 amp)---	1
14	4D7794	CLIP-----	1
15	S509	BOLT-----	2
16	3B4506	LOCKWASHER-----	2
17	9G6120	HARNESS ASSEM.----- (Separate Illustration)	1
18	2M287	CLIP-----	2
19	S1624	BOLT-----	2
	3B4510	LOCKWASHER-----	2



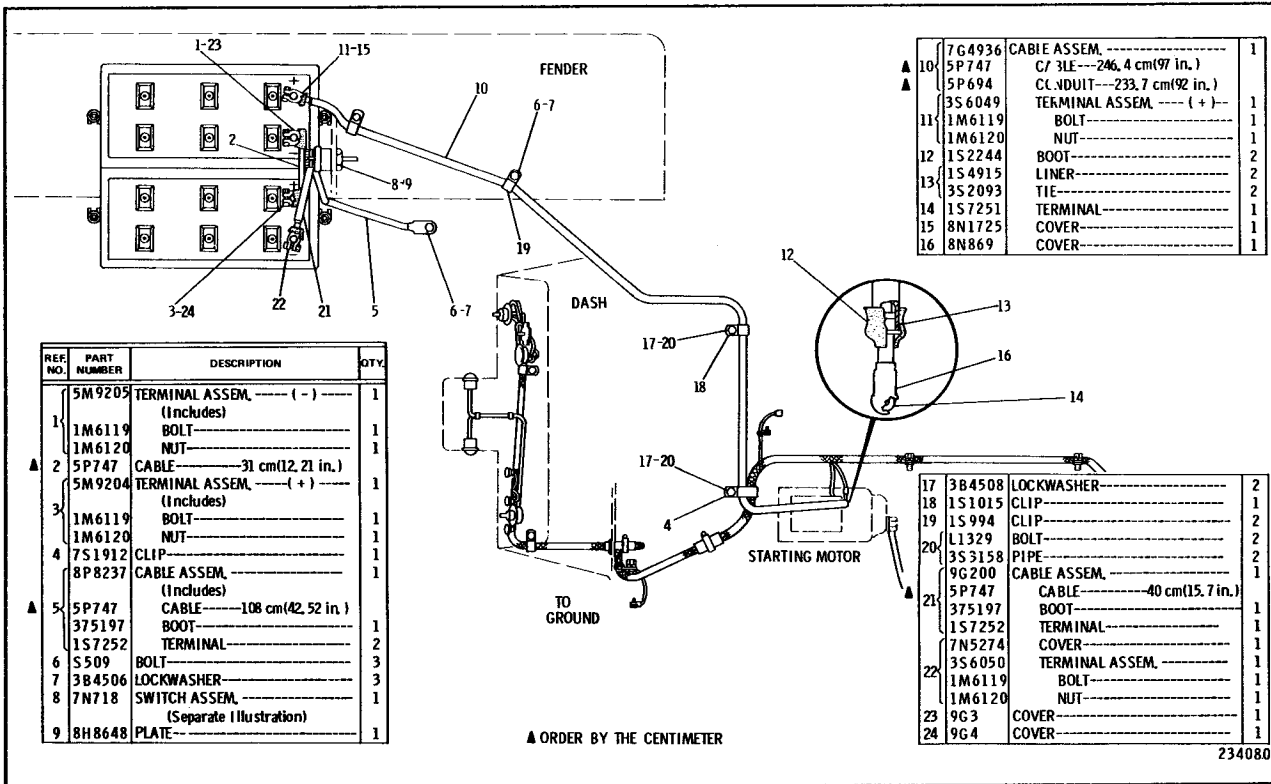
20	1H5166	CLIP-----	1
21	3S8624	CABLE ASSEM.----- (Includes)	1
	5P747	CABLE---26 cm(10, 25 in.)	1
22	1S7252	TERMINAL-----	1
23	1S7251	TERMINAL-----	1

● ORDER BY THE CENTI METER

C INDICATES CHANGE

▲ ORDER BY THE METER

230338

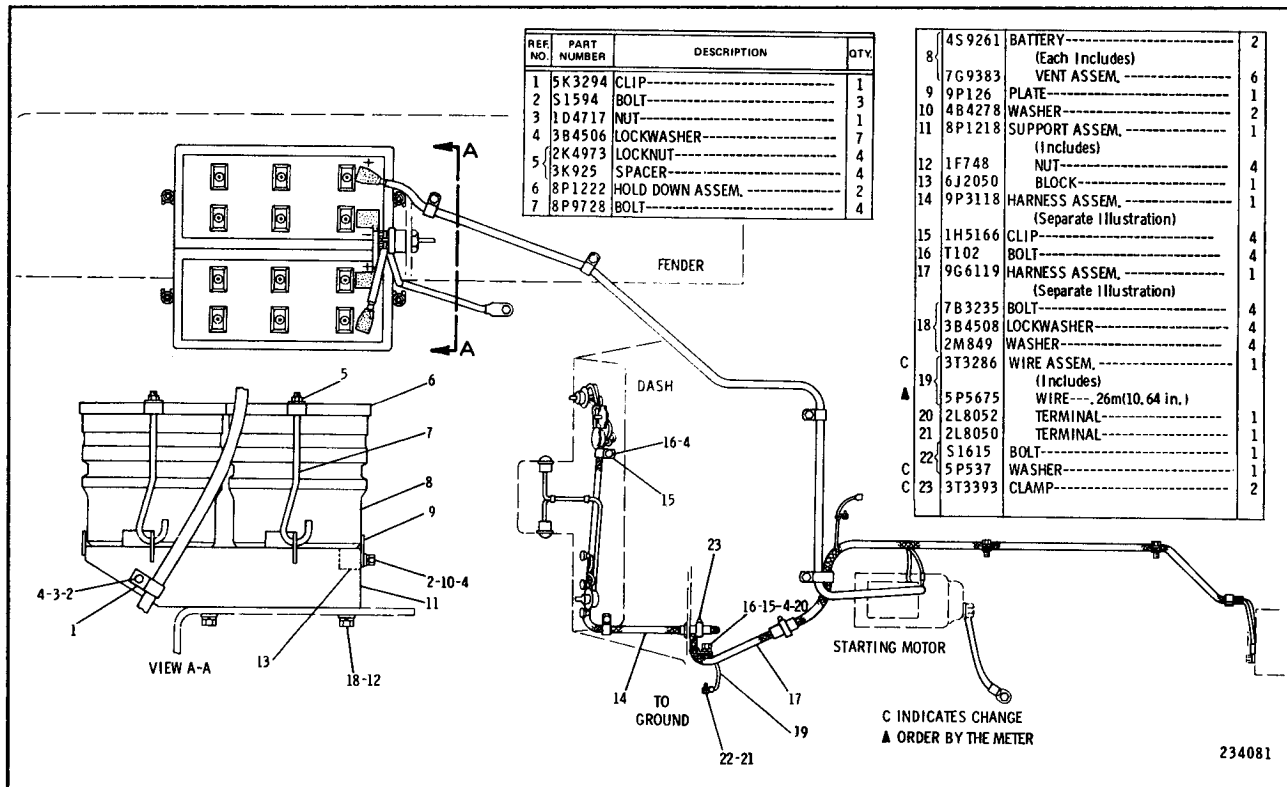


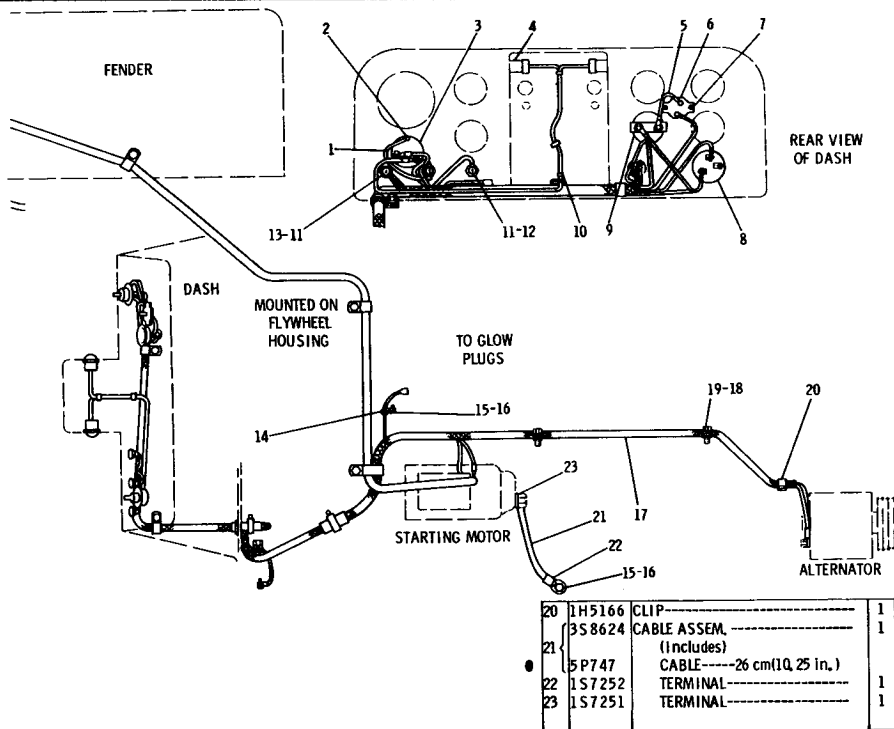
234080

9G6035 BATTERY & WIRING GROUP--PART 1 OF 3

Serial No. 6X1180 To 6X1507 Inclusive
7N718 Switch Parts Are Shown On Page 70

9G6035 BATTERY & WIRING GROUP-PART 2 OF 3.
 Serial No. 6X1180 To 6X1507 Inclusive
 9P3118 And 9G6119 Harness Parts Are Shown On Pages 68 And 69



REAR VIEW
OF DASH

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8P7353	WIRE ASSEM. (Includes)	1
1	5P5624	WIRE-----, 155 m(6.102 in.)	1
1	4L3916	TERMINAL--(female)--	1
2	2L8075	TERMINAL	1
2	7S6402	SWITCH ASSEM.--(three position) (Includes)	1
3	7S5432	KNOB	1
3	7H27	NUT	1
3	1H4393	LOCKWASHER	3
3	9B7242	SCREW	3
3	3S8642	LAMP ASSEM. (Each Includes)	2
4	6N8742	BODY ASSEM.	1
4	2D1959	BULB	1
4	4S6313	WIRE ASSEM. (Includes)	1
5	5P5632	WIRE-----, 1 m(3.94 in.)	2
5	2L8066	TERMINAL	2
6	9S173	CIRCUIT BREAKER--(60 amp)--	1
7	4B1223	SCREW	2
8	9G1480	SWITCH GROUP--(heat-start) (Separate Illustration)	1
9	8M7892	AMMETER--(60 amp)--	1
10	1S9593	STRAP	4
11	4K5122	HOLDER	3
12	8M8948	FUSE--(15 amp)--	2
13	2S6024	FUSE--(5 amp)--	1
14	4D7794	CLIP	1
15	5S09	BOLT	2
16	3B4506	LOCKWASHER	2
17	9G6120	HARNES AS (Separate Illustration)	1
18	2M287	CLIP	2
19	5S1624	BOLT	2
19	3B4510	LOCKWASHER	2

● ORDER BY THE CENTI METER

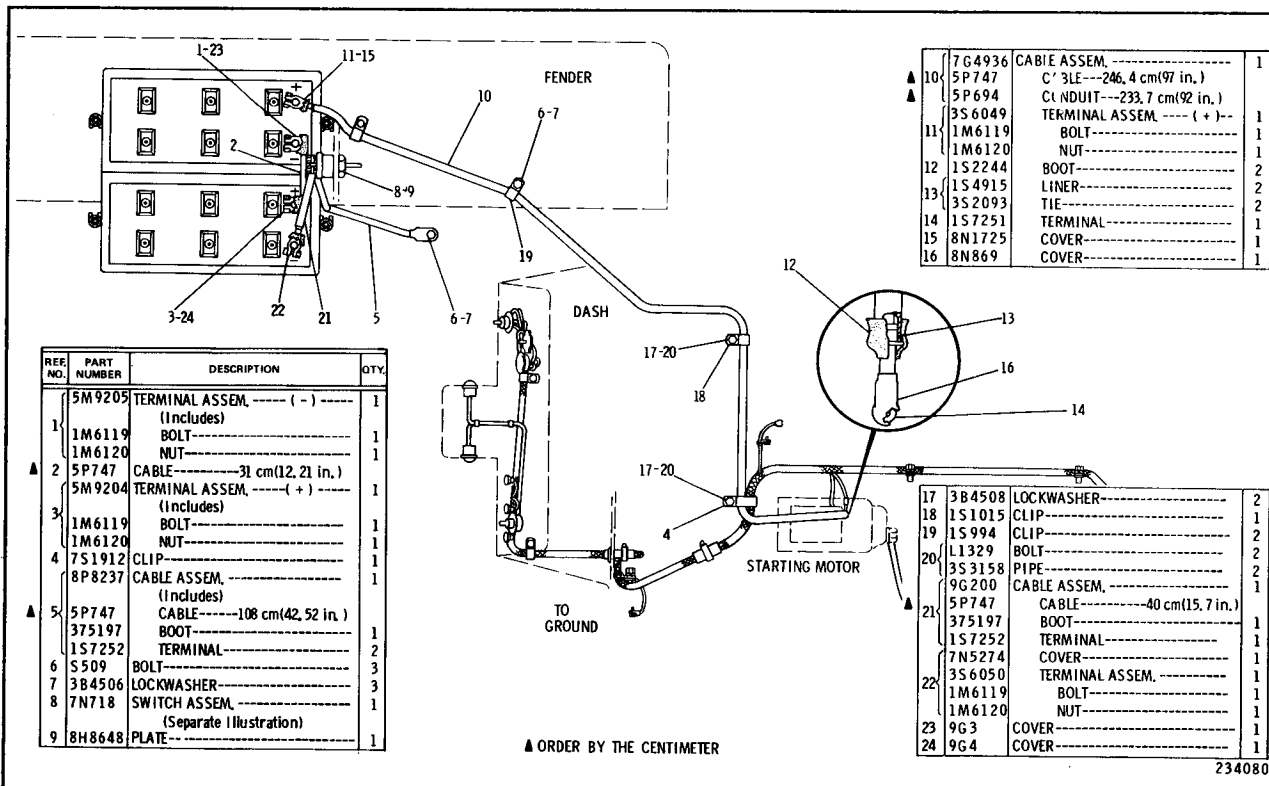
▲ ORDER BY THE METER

234082

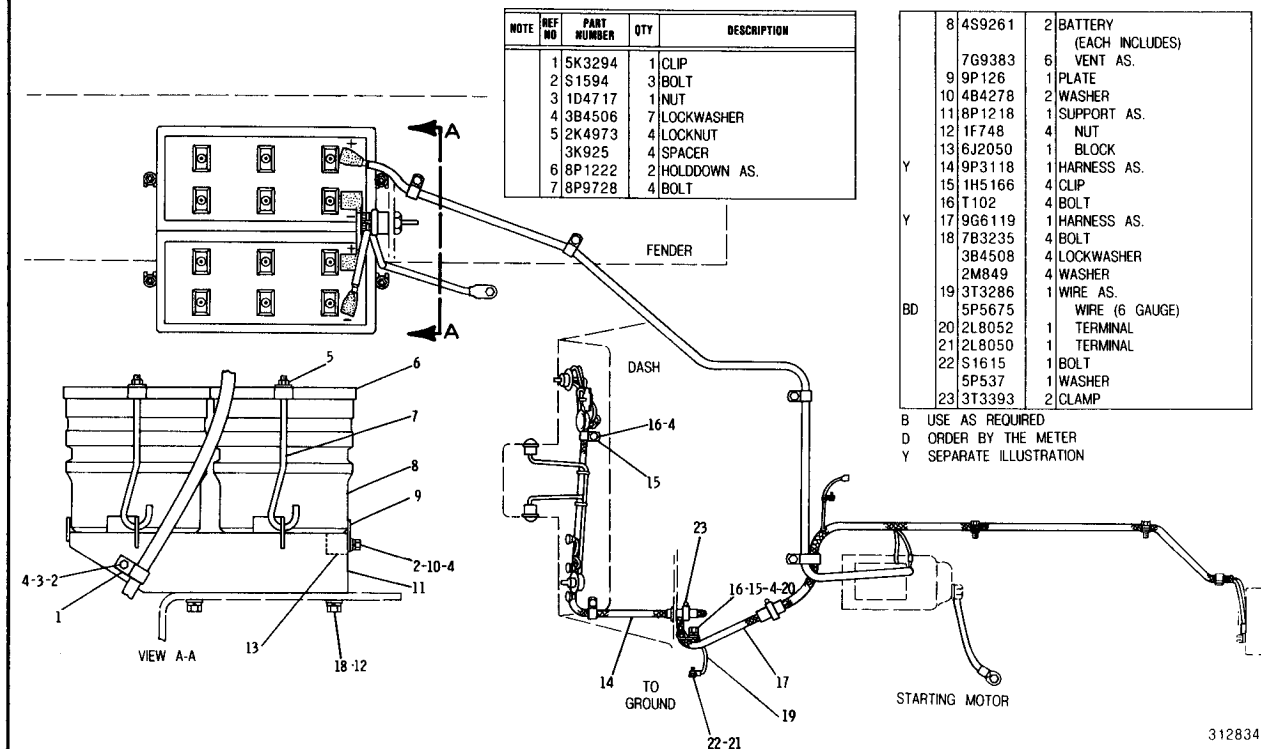
9G6035 BATTERY & WIRING GROUP--PART 3 OF 3

Serial No. 6X1180 To 6X1507 Inclusive

9G6120 Harness And 9G1480 Switch Parts Are Shown On Pages 69 And 70



234080



9G6035 BATTERY & WIRING GROUP-PART 2 OF 3

Serial No. 6X1508 To 6X1578 Inclusive

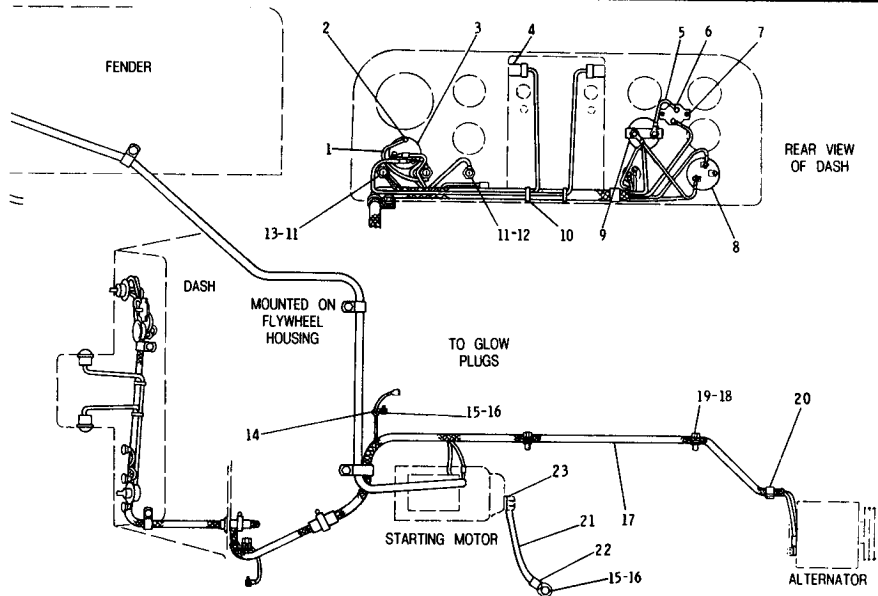
9P3118-Page 68,9G6119-Page 69

9G6035 BATTERY & WIRING GROUP-PART 3 OF 3
 Serial No. 6X1508 To 6X1578 Inclusive
 9G6120-Page 69,9G1480-Page 70,3T8073-Page 71

STARTING AND ELECTRICAL SYSTEM

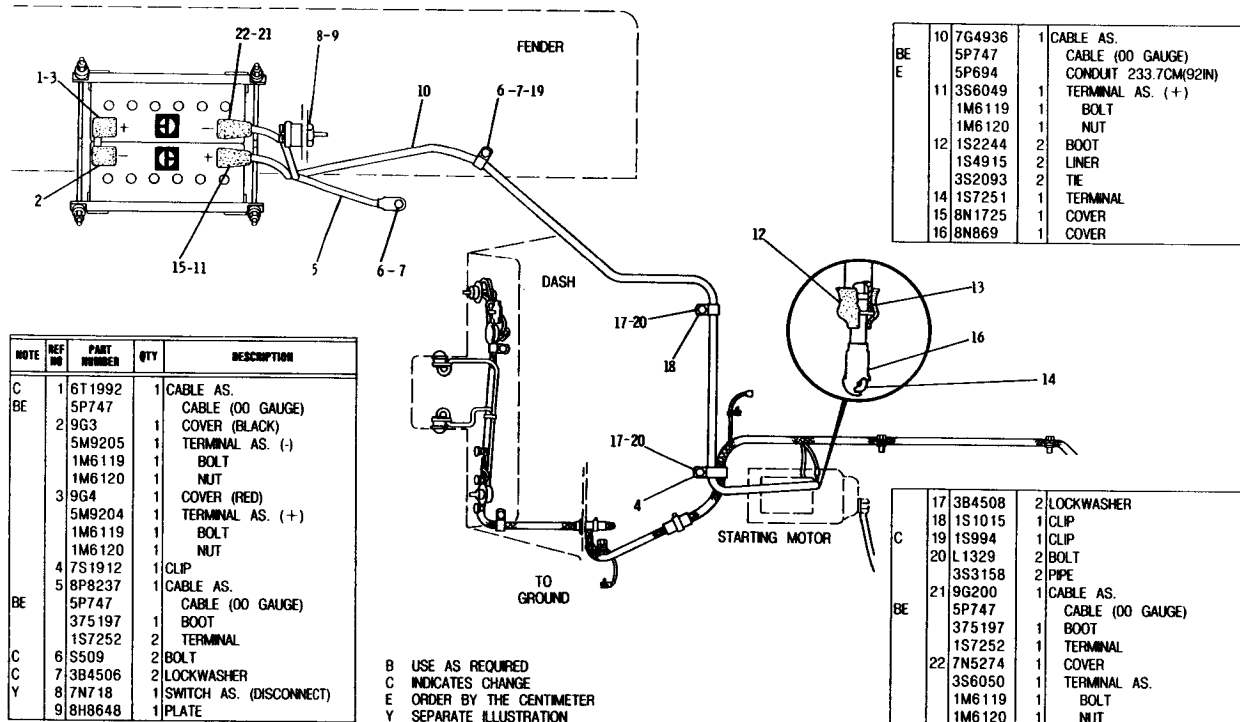
67F

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
BD	1	8P7353	1	WIRE AS.
		5P5624		WIRE (14 GAUGE)
		4L3916	1	TERMINAL (FEMALE)
	2	2L8075	1	TERMINAL
	3	7S6402	1	SWITCH AS. (3 POSITION)
		7S5432	1	KNOB
		7H27	1	NUT
		1H4393	3	LOCKWASHER
		9B7242	3	SCREW
	4	3T8073	2	LAMP AS.
CY	5	4S6313	1	WIRE AS.
BD		5P5632		WIRE (10 GAUGE)
		2L8066	2	TERMINAL
	6	9S173	1	CIRCUIT BREAKER (60 AMP)
Y	7	4B1223	2	SCREW
	8	9G1480	1	SWITCH GP. (HEAT-START)
	9	8M7892	1	AMMETER (60 AMP)
C	10	1S9593	2	STRAP
	11	4K5122	3	HOLDER AS. (FUSE) (EACH INCLUDES)
Y		6T8115	1	NUT
		7N2867	1	CAP
	12	8M8948	2	FUSE (15 AMP)
	13	2S6024	1	FUSE (5 AMP)
	14	4D7794	1	CLIP
	15	S509	2	BOLT
	16	3B4506	2	LOCKWASHER
	17	9G6120	1	HARNES AS.
	18	2M287	2	CLIP
	19	S1624	2	BOLT
BE		3B4510	2	LOCKWASHER
	20	1H5166	1	CLIP
	21	3S8624	1	CABLE AS.
		5P747		CABLE (00 GAUGE)
	22	1S7252	1	TERMINAL
	23	1S7251	1	TERMINAL



B USE AS REQUIRED
 C INDICATES CHANGE
 D ORDER BY THE METER
 E ORDER BY THE CENTIMETER
 Y SEPARATE ILLUSTRATION

312835



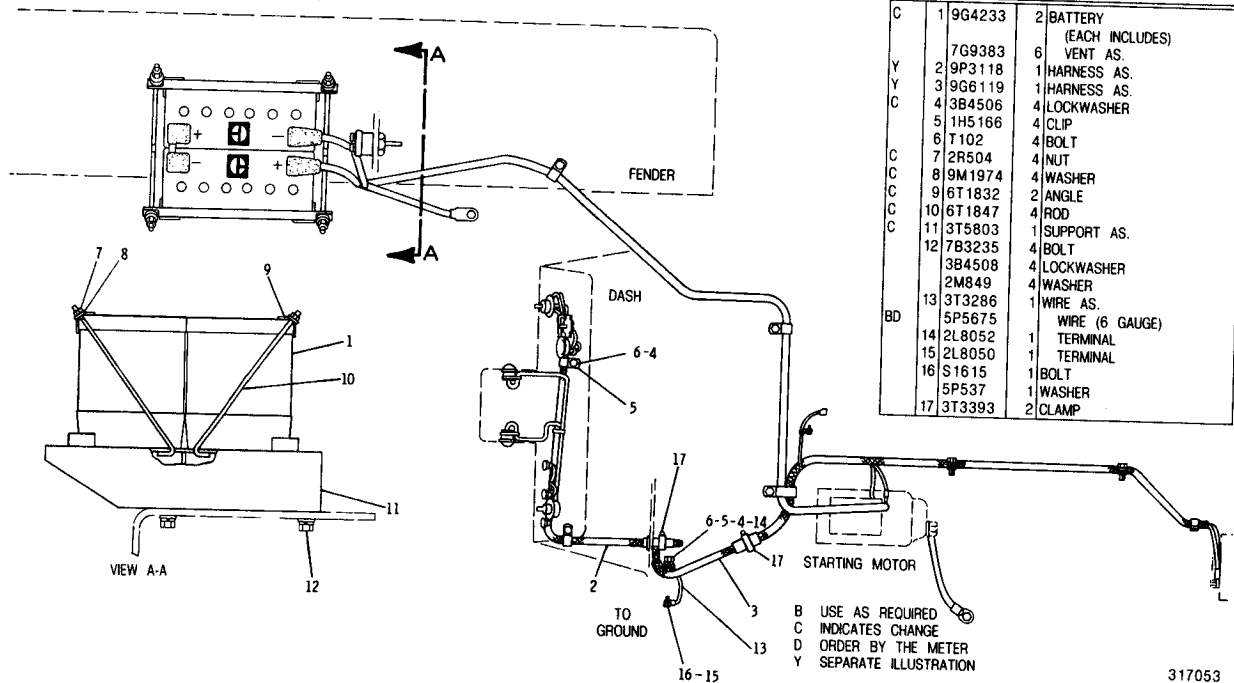
317052

9G6035 BATTERY & WIRING GROUP-PART 1 OF 3
 Serial No. 6X1579 To 6X1622 Inclusive
 7N718-Page 70

9G6035 BATTERY & WIRING GROUP-PART 2 OF 3
 Serial No. 6X1579 To 6X1622 Inclusive
 9P3118-Page 68,9G6119-Page 69

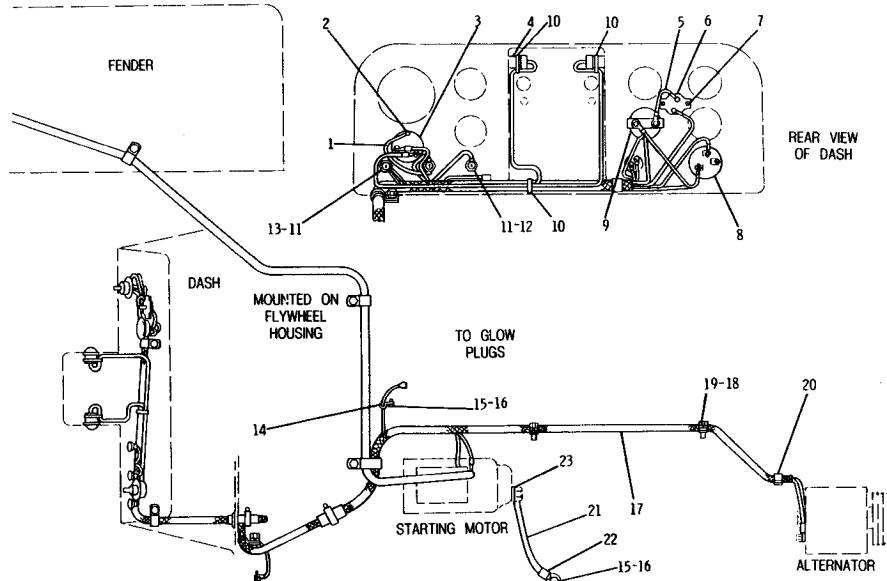
STARTING AND ELECTRICAL SYSTEM

67H



317053

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
BD	1	8P7353	1	WIRE AS.
		5P5624		WIRE (14 GAUGE)
		4L3916	1	TERMINAL (FEMALE)
	2	2L8075	1	TERMINAL
	3	7S6402	1	SWITCH AS. (3 POSITION)
		7S5432	1	KNOB
		7H0027	1	NUT
		1H4393	3	LOCKWASHER
		9B7242	3	SCREW
	4	3T8073	2	LAMP AS.
Y	5	4S6313	1	WIRE AS.
		5P5632		WIRE (10 GAUGE)
		2L8066	2	TERMINAL
	6	9S0173	1	CIRCUIT BREAKER (60 AMP)
		6V8378	2	NUT
		8F1434	2	LOCKWASHER
	7	4B1223	2	SCREW
	8	9G1480	1	SWITCH GP. (HEAT-START)
	9	8M7892	1	AMMETER (60 AMP)
	10	1S9593	3	STRAP
C	11	4K5122	3	HOLDER
				(EACH INCLUDES)
		6T8115	1	NUT
		7N2867	1	CAP
	12	8M8948	2	FUSE (15 AMP)
	13	2S6024	1	FUSE (5 AMP)
	14	4D7794	1	CLIP
	15	0S0509	2	BOLT
	16	3B4506	2	LOCKWASHER
	17	9G6120	1	HARNES AS.
Y	18	2M0287	2	CLIP
	19	0S1624	2	BOLT
		3B4510	2	LOCKWASHER
	20	1H5166	1	CLIP
	21	3S8624	1	CABLE AS.
		5P0747		CABLE (00 GAUGE)
	22	1S7252	1	TERMINAL
	23	1S7251	1	TERMINAL



B USE AS REQUIRED
 C INDICATES CHANGE
 D ORDER BY THE METER
 E ORDER BY THE CENTIMETER
 Y SEPARATE ILLUSTRATION

317054

9G6035 BATTERY & WIRING GROUP-PART 3 OF 3
 Serial No. 6X1579 To 6X1622 Inclusive
 9G6120-Page 69,9G1480-Page 70,3T8073-Page 71

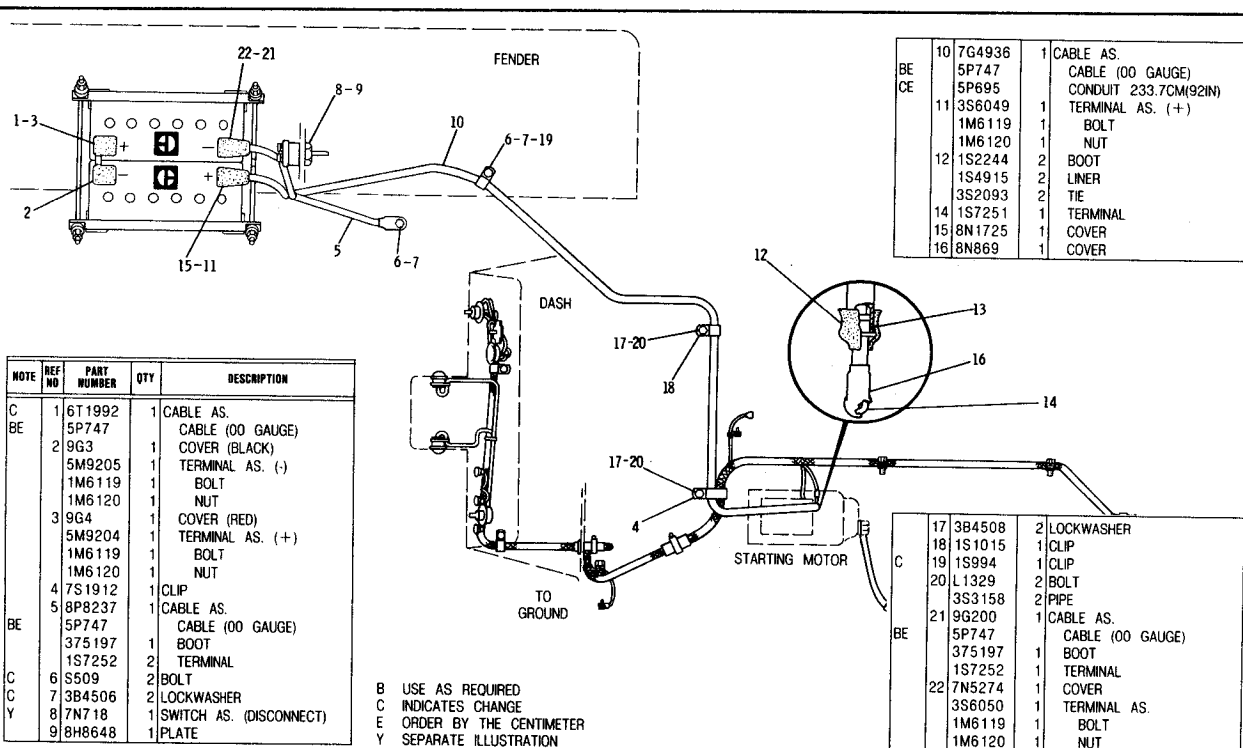
9G6035 BATTERY & WIRING GROUP-PART 1 OF 3

Serial No. 6X1623-Up

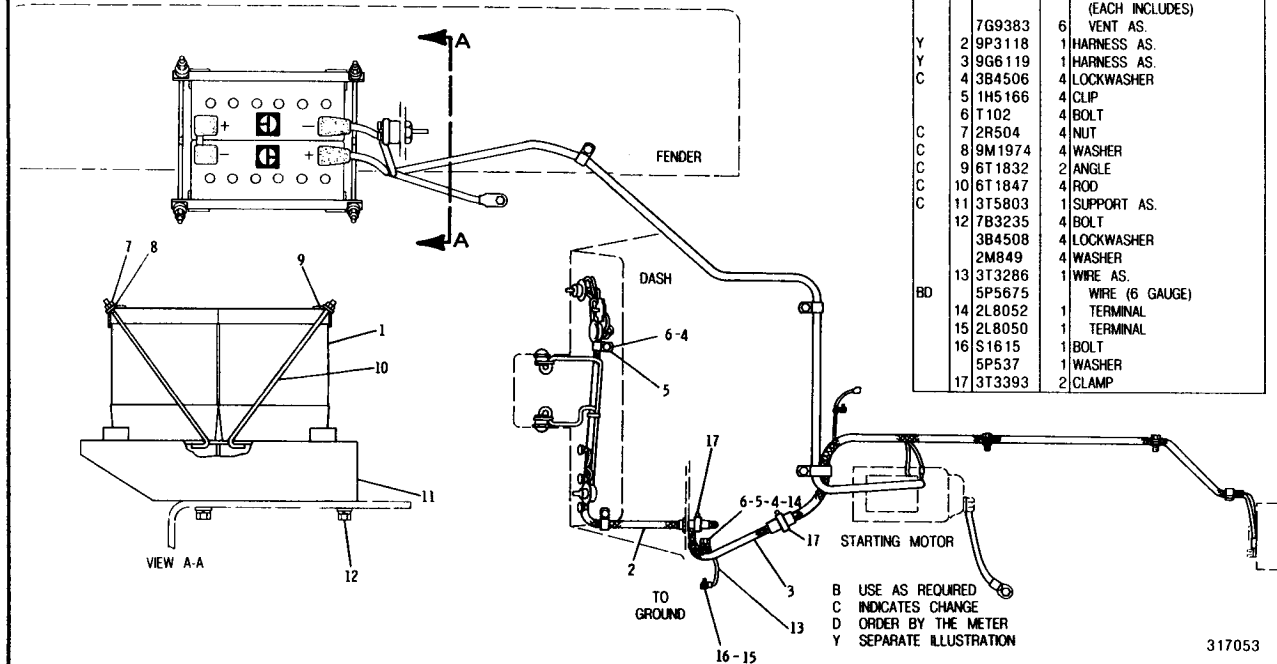
7N718-Page 70

STARTING AND ELECTRICAL SYSTEM

67K



317083

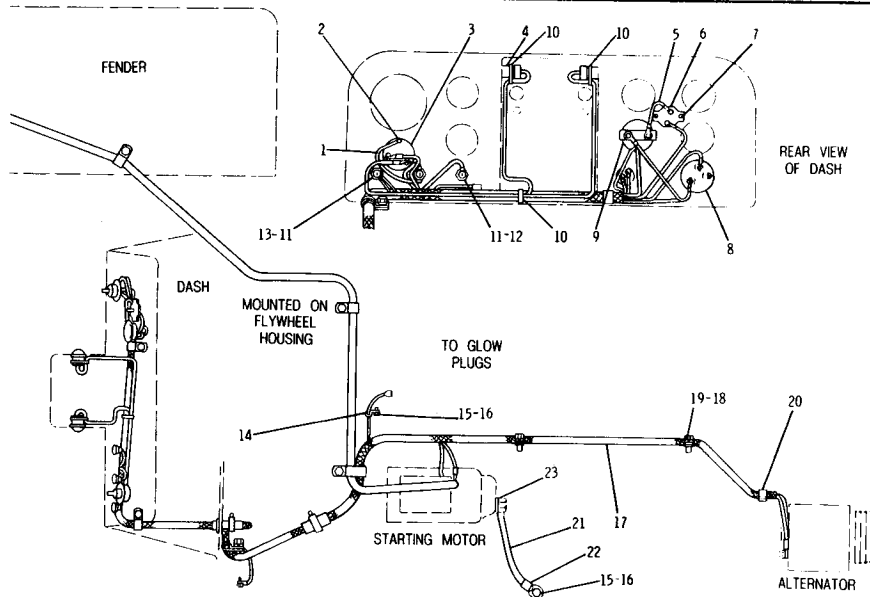


9G6035 BATTERY & WIRING GROUP-PART 2 OF 3

Serial No. 6X1623-Up
 9P3118-Page 68,9G6119-Page69

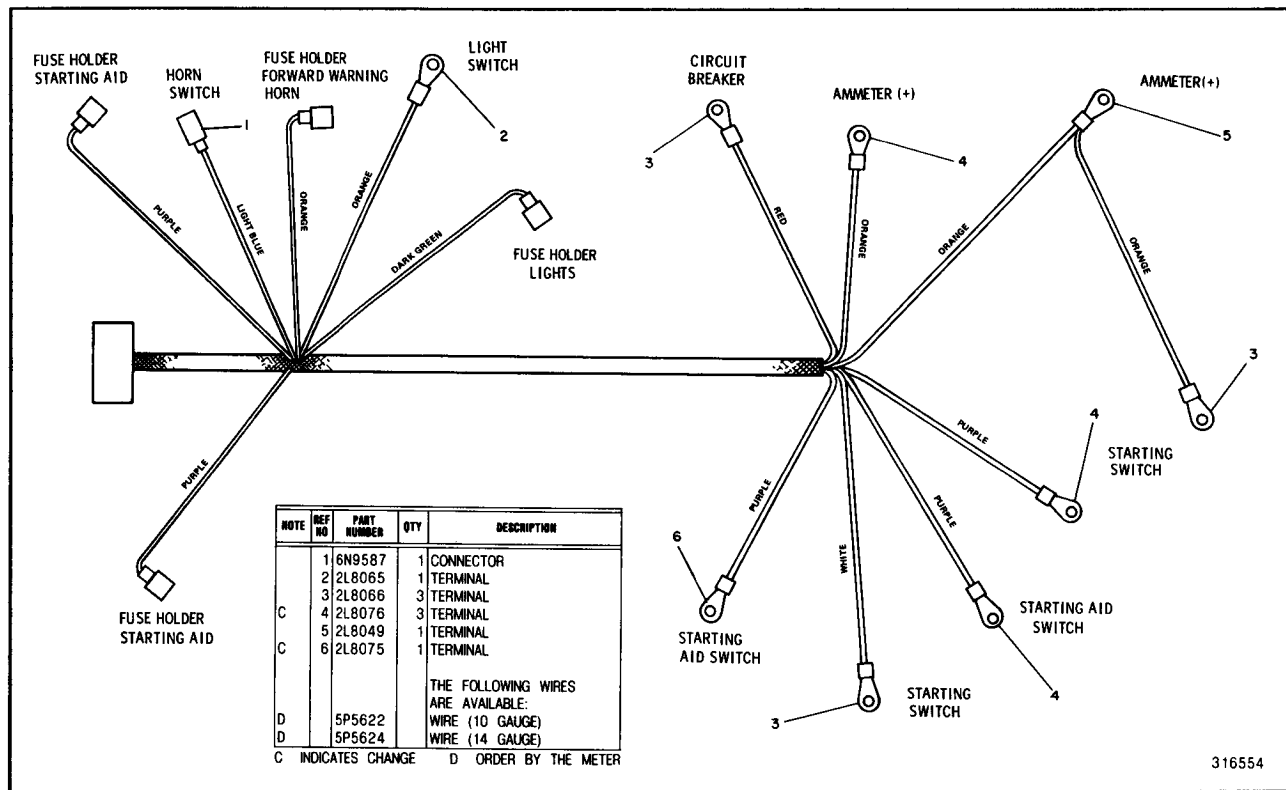
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
BD	1	8P7353	1	WIRE AS.
		5P5624		WIRE (14 GAUGE)
		4L3916	1	TERMINAL (FEMALE)
	2	2L8075	1	TERMINAL
	3	7S6402	1	SWITCH AS. (3 POSITION)
C		7S5432	1	KNOB
		7H27	1	NUT
		1H4393	3	LOCKWASHER
		9B7242	3	SCREW
	4	3S8642	2	LAMP AS.
BD				(EACH INCLUDES)
		6N8742	1	BODY AS.
		2D1959	1	BULB
	5	4S6313	1	WIRE AS.
		5P5632		WIRE (10 GAUGE)
Y		2L8066	2	TERMINAL
	6	9S173	1	CIRCUIT BREAKER (60 AMP)
		6V8378	2	NUT
		8F1434	2	LOCKWASHER
	7	4B1223	2	SCREW
Y	8	9G1480	1	SWITCH GP. (HEAT-START)
	9	8M7892	1	AMMETER (60 AMP)
	10	1S9593	3	STRAP
	11	4K5122	3	HOLDER
				(EACH INCLUDES)
Y		6T8115	1	NUT
		7N2867	1	CAP
	12	8M8948	2	FUSE (15 AMP)
	13	2S6024	1	FUSE (5 AMP)
	14	4D7794	1	CLIP
Y	15	S509	2	BOLT
	16	3B4506	2	LOCKWASHER
	17	9G6120	1	HARNES AS.
	18	2M287	2	CLIP
	19	S1624	2	BOLT
		3B4510	2	LOCKWASHER

B USE AS REQUIRED
 C INDICATES CHANGE
 D ORDER BY THE METER
 E ORDER BY THE CENTIMETER
 Y SEPARATE ILLUSTRATION



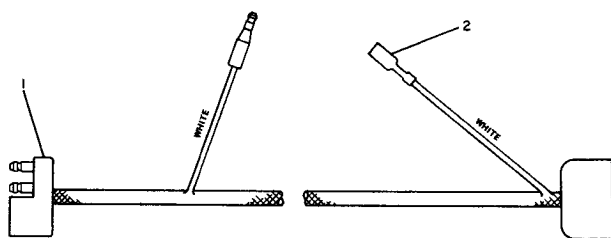
BE	20	1H5166	1	CLIP
	21	3S8624	1	CABLE AS.
		5P747		CABLE (00 GAUGE)
	22	1S7252	1	TERMINAL
	23	1S7251	1	TERMINAL

317084



316554

9P3118 HARNESS ASSEMBLY
Part Of 9G6035 Battery & Wiring



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P3160	CONNECTOR ASSEM.-----	1
2	6N9587	CONNECTOR-----	1

THE FOLLOWING WIRES ARE AVAILABLE:

▲ 5P5622 WIRE----- (10 gauge)

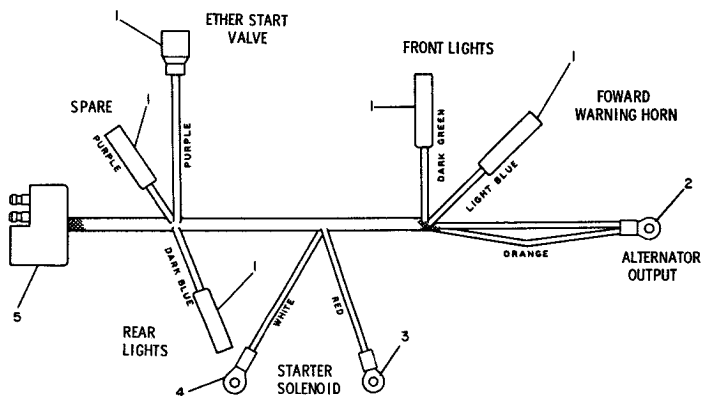
▲ 5P5624 WIRE----- (14 gauge)

▲ ORDER BY THE METER

226991

9G6119 HARNESS ASSEMBLY

Part of 9G6035 Battery and Wiring Group shown on Page 66



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6N9587	TERMINAL-----	5
2	2L8054	TERMINAL-----	1
3	2L8071	TERMINAL-----	1
4	2L8066	TERMINAL-----	1

5	5P3160	CONNECTOR-----	1
---	--------	----------------	---

THE FOLLOWING WIRES ARE AVAILABLE:

▲ 5P5622 WIRE----- (10 gauge)

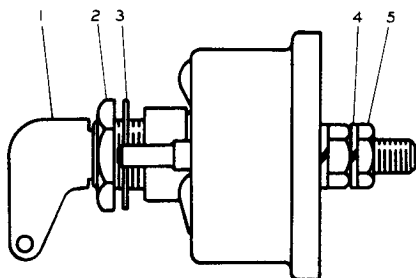
▲ 5P5624 WIRE----- (14 gauge)

▲ ORDER BY THE METER

226992

9G6120 HARNESS ASSEMBLY

Part of 9G6035 Battery and Wiring Group shown on Page 67



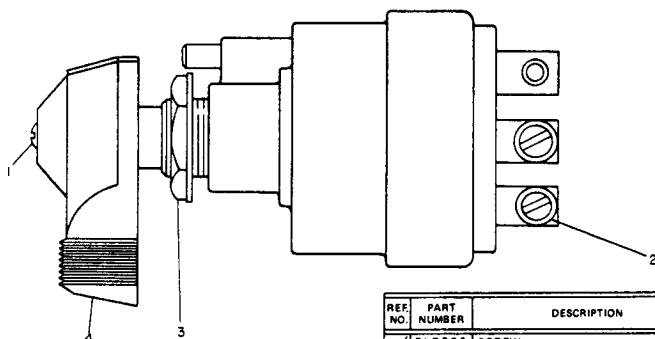
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	8H5306	1	KEY
	2	8H5303	1	NUT
	3	2H3922	1	WASHER
C	4	9F5644	2	LOCKWASHER
C	5	6F7045	2	NUT

C INDICATES CHANGE

313370

7N718 DISCONNECT SWITCH ASSEMBLY

Part of 9G6035 Battery and Wiring Group shown on Page 65



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	5L7200	SCREW-----	1
	3B4501	LOCKWASHER-----	1
2	9F9327	SCREW-----	3
	9F8125	LOCKWASHER-----	3
3	7H27	NUT-----	1
	6F253	LOCKWASHER-----	1
4	8F3437	LEVER-----	1

226353

9G1480 STARTER SWITCH GROUP

Part of 9G6035 Battery and Wiring Group shown on Page 67

CONSISTS OF:

PAGE

- | | | |
|---|--|----|
| 1 | 5S9088 ALTERNATOR..... | 76 |
| 1 | 1H6936 WIRE ASSEMBLY--ALTERNATOR TO ENGINE | |

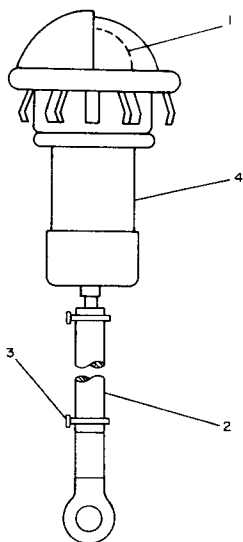
CONSISTS OF:

- | | |
|---|---------------------------------------|
| 1 | 2L8060 TERMINAL--NO.8 WIRE--3/8 SCREW |
| 1 | 2L8058 TERMINAL--NO.8 WIRE--3/8 SCREW |

DM-5P5689 WIRE

8N1084 ALTERNATOR GROUP--24 VOLT, 50 AMPERE

Also Part Of 9G7393 ROPS Arrangement Shown On Page 213



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
D	1	2D1959	1	LAMP
	2	5P5628	1	TUBE .7M(27.6 IN.)
	3	1S9593	2	STRAP
	4	6N8742	1	BODY AS.

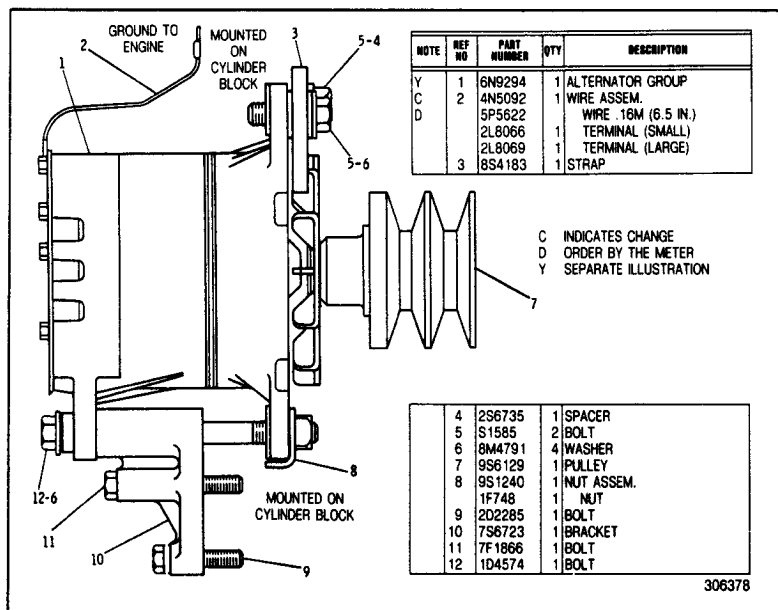
D ORDER BY THE METER

312875

3T8073 LAMP GROUP

Serial No. 6X1508-Up
Part Of 9G6035 Battery & Wiring

CATERPILLAR D6D LGP TRACTOR

**6N5468 ALTERNATOR GROUP—24 Volt, 35 Ampere**

6N9294 Alternator parts are shown on Page 72

Note: 7M4707 Vee Belt Set, consisting of 2 belts, is available

CONSISTS OF:

PAGE

1 9G8255 ALTERNATOR GROUP (DELCO-REMY) 74

- OR -

1 7N9720 ALTERNATOR GROUP 73

6N9294 ALTERNATOR GROUP—24 Volt, 35 Ampere

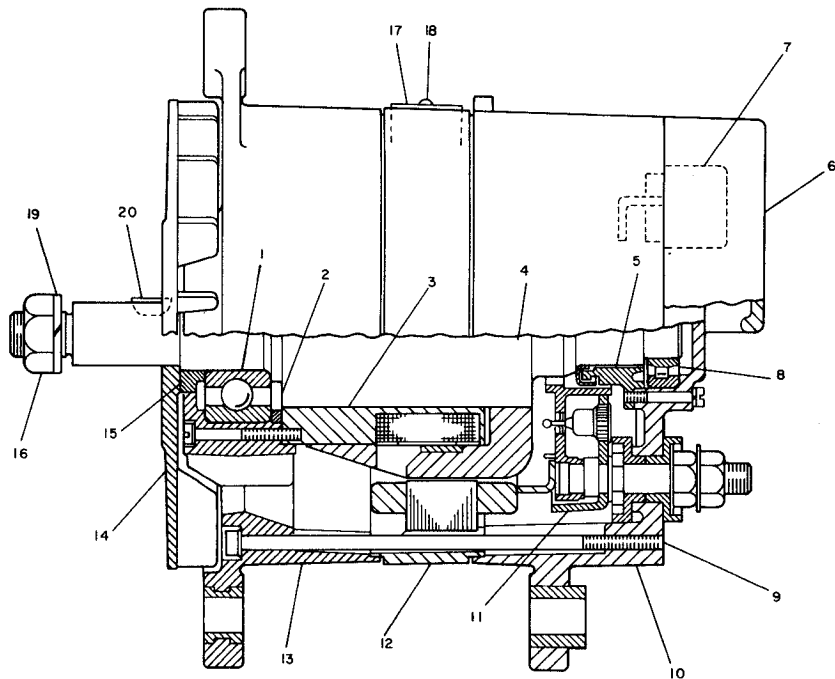
Serial No. 6X1115 to 6X1341 inclusive

Part of 6N5468 Alternator Group shown on Page 72

CONSISTS OF:	PAGE
1 7N9720 ALTERNATOR GROUP.....	73
- OR -	
1 3T6352 ALTERNATOR GROUP--DELCO-REMY.....	75A
- OR -	
1 9G4574 ALTERNATOR GROUP	

6N9294 ALTERNATOR GROUP-24 VOLT, 35 AMPERE
 Serial No. 6X1342-Up
 Part Of 6N5468 Alternator

7N9720 ALTERNATOR GROUP-24 VOLT, 35 AMPERE-TYPE 1
Part Of 6N9294 Alternator

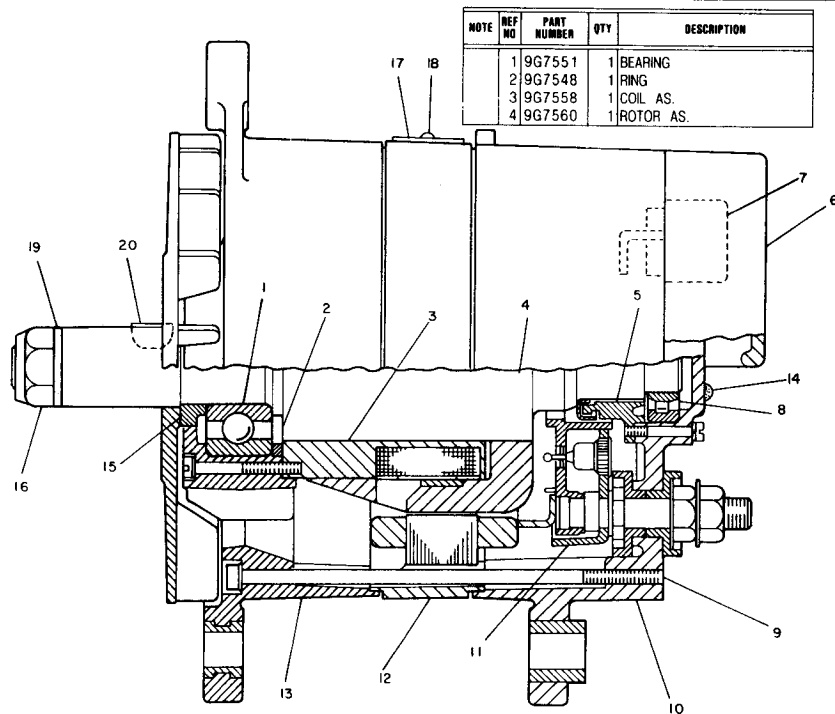


C INDICATES CHANGE

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9G7551	1	BEARING
	2	9G7548	1	RING
	3	9G7558	1	COIL ASSEM.
	4	9G7560	1	ROTOR ASSEM.
	5	9G7553	1	RING
	6	9G7562	1	COVER ASSEM.
	7	9G7567	1	REGULATOR ASSEM.
	8	9G7552	1	BEARING
	9	9G7557	1	SCREW ASSEM.
	10	9G7568	1	FRAME ASSEM.
	11	9G7563	1	DIODE ASSEM.
	12	9G7561	1	STATOR ASSEM.
	13	9G7566	1	FRAME
	14	9G7564	1	FAN
	15	9G7549	1	SPACER
	16	2K4821	1	LOCKNUT
C	17	3T5962	1	NAMEPLATE
C	18	2H3880	2	SCREW (DRIVE)
C	19	3B4510	1	LOCKWASHER
C	20	1B8705	1	KEY
				THE FOLLOWING REPAIR KITS ARE AVAILABLE:
		9G7554	1	KIT (GROUND TERMINAL) (INCLUDES NUTS & LOCKWASHERS)
		9G7555	1	KIT (OUTPUT TERMINAL) (INCLUDES NUTS, WASHERS & BUSHINGS)
		9G7556	1	KIT (CAPACITOR) (INCLUDES CAPACITOR, SCREW LOCKWASHER & WASHER)
		9G7559	1	KIT (RELAY TERMINAL) (INCLUDES SPLICE, TUBE, NUT, TERMINAL, LOCKWASHER, WASHERS, AND BUSHING)
		9G7565	1	KIT (REGULATOR TERMINAL) (INCLUDES NUTS, LOCKWASHERS, WASHERS AND BUSHING)

309353

7N9720 ALTERNATOR GROUP-24 VOLT, 35 AMPERE-TYPE 2
Part Of 6N9294 Alternator



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9G7551	1	BEARING
	2	9G7548	1	RING
	3	9G7558	1	COIL AS.
	4	9G7560	1	ROTOR AS.

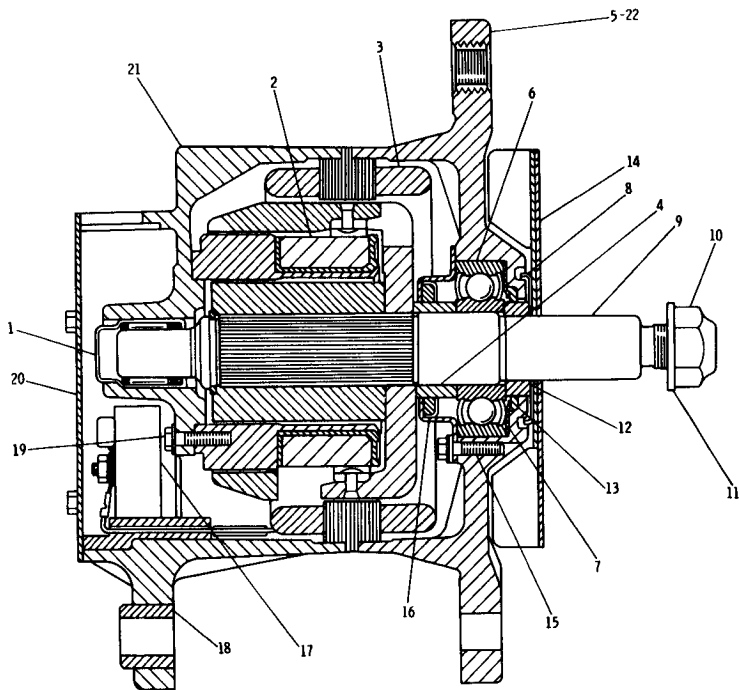
C INDICATES CHANGE

5	9G7553	1 RING
6	9G7562	1 COVER AS.
7	9G7567	1 REGULATOR AS.
8	9G7552	1 BEARING
9	9G7557	4 SCREW AS.
10	9G7568	1 FRAME AS.
11	3T1887	1 DIODE AS.
12	9G7561	1 STATOR AS.
13	9G7566	1 FRAME
14	9L6770	1 CAP
15	9G7549	1 SPACER
16	2K4821	1 LOCKNUT
17	3T5962	1 NAMEPLATE
18	2H3880	2 SCREW (DRIVE)
19	5P8247	1 LOCKWASHER
20	1B8705	1 KEY
		THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	9G7554	1 KIT (GROUND TERMINAL) (INCLUDES NUTS & LOCKWASHERS)
	9G7555	1 KIT (OUTPUT TERMINAL) (INCLUDES NUTS, WASHERS & BUSHINGS)
	9G7556	1 KIT (CAPACITOR) (INCL. CAPACITOR, SCREW, LOCKWASHER & WASHER)
	9G7559	1 KIT (RELAY TERMINAL) (INCL. SPLICE, TUBE, NUT, TERMINAL, LOCKWASHER, WASHERS & BUSHING)
	9G7565	1 KIT (REGULATOR TERMINAL) (INCL. NUTS, LOCKWASHERS, WASHERS & BUSHING)
	7T0816	1 KIT (FAN) (INCL. FAN, SUPPORT PLATE & SPACER)

325531

STARTING AND ELECTRICAL SYSTEM

73B

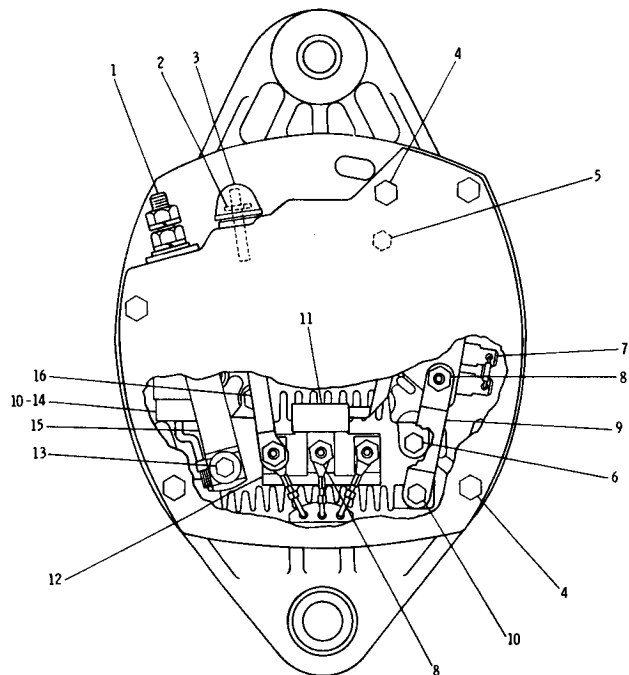


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P6920	BEARING-----	1
2	7N7806	COIL ASSEM.-----	1
3	7N7804	STATOR ASSEM.-----	1
4	7N7795	COLLAR-----	1
5	7N7810	FRAME ASSEM.-----	1
6	5P9514	BEARING-----	1
7	9L2140	PLATE-----	1
8	9L6782	SHIELD-----	1
9	7N7800	ROTOR ASSEM.-----	1
10	2K4821	LOCKNUT-----	1
11	7F7621	WASHER-----	1
12	9L6783	COLLAR-----	1
13	9L2139	WASHER-----	1
14	9N1210	FAN ASSEM.-----	1
15	7N9020	SCREW ASSEM.-----	3
16	9L2137	RETAINER ASSEM.-----	1
17	7N7122	RECTIFIER ASSEM.-----	1
18	9S2396	BUSHING-----	1
19	9S2007	SCREW-----	4
20	7N7809	PLATE-----	1
21	7N7805	HOUSING-----	1
22	7N9024	BOLT-----	4

228795

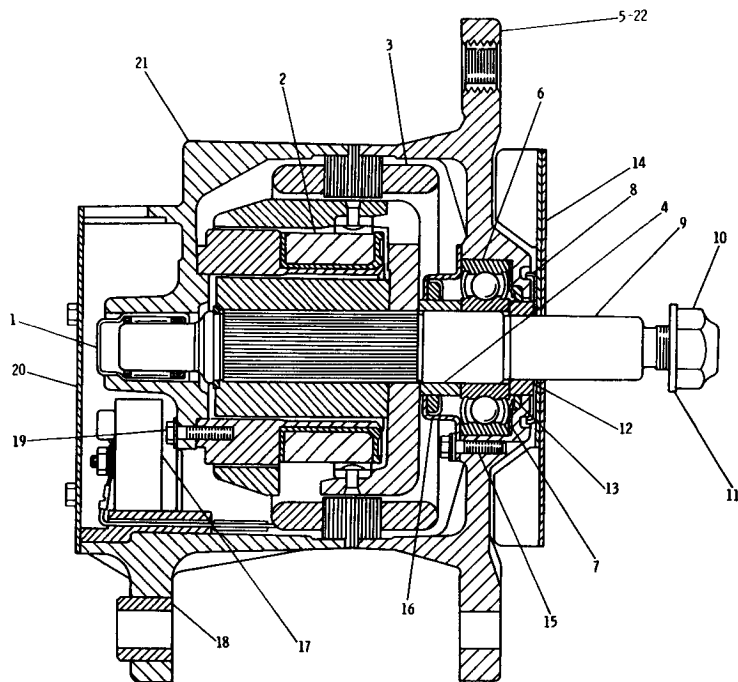
9G8255 ALTERNATOR GROUP—Delco-Remy—24 Volt, 35 Ampere—Part 1
 Serial No. 6X1115 to 6X1341 inclusive
 Part of 6N9294 Alternator Group shown on Page 72

9G8255 ALTERNATOR GROUP—Delco-Remy—24 Volt, 35 Ampere—Part 2
 Serial No. 6X1115 to 6X1341 inclusive
 Part of 6N9294 Alternator Group shown on Page 72



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N7807	TERMINAL KIT----(output)----- (Includes Insulator, Screw, Washers, Lockwasher, Nut & Adapter)	1
2	7N7808	TERMINAL KIT---- (Includes Stud, Bushings, Washers & Nut Assem.)	1
3	9L6770	CAP-----	1
4	8N740	SCREW ASSEM.-----	5
5	7N9022	SCREW ASSEM.-----	2
6	9N938	WASHER-----	2
7	7N9023	SCREW ASSEM.-----	2
8	7N7799	REGULATOR ASSEM.-----	1
9	6N1869	NUT ASSEM.-----	4
10	7N7811	CONNECTOR-----	1
11	7N9018	SCREW ASSEM.-----	3
12	9N1202	DIODE ASSEM.-----	1
13	7N7797	INSULATOR-----	2
14	7N9021	SCREW ASSEM.-----	1
15	7N7796	BUSHING-----	1
16	7N7802	CAPACITOR ASSEM.-----	1
	3N4082	BRACKET-----	1
	7N7798	CONNECTOR-----	1
	7N7801	CONNECTOR-----	1

228796

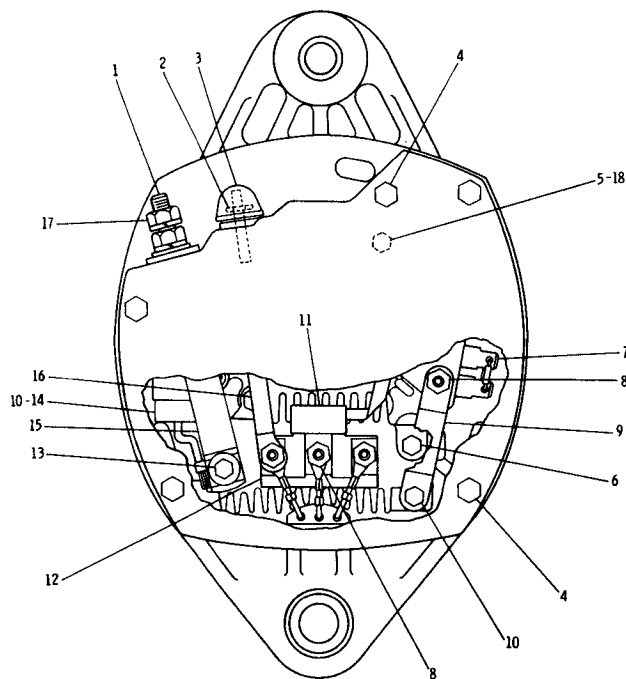


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P6920	BEARING-----	1
2	7N7806	COIL ASSEM.-----	1
3	7N7804	STATOR ASSEM.-----	1
4	7N7795	COLLAR-----	1
5	7N7810	FRAME ASSEM.-----	1
6	5P9514	BEARING-----	1
7	9L2140	PLATE-----	1
8	9L6782	SHIELD-----	1
9	7N7800	ROTOR ASSEM.-----	1
10	2K4821	LOCKNUT-----	1
11	7F7621	WASHER-----	1
12	9L6783	COLLAR-----	1
13	9L2139	WASHER-----	1
14	9N1210	FAN ASSEM.-----	1
15	7N9020	SCREW ASSEM.-----	3
16	9L2137	RETAINER ASSEM.-----	1
17	7N7122	RECTIFIER ASSEM.-----	1
18	9S2396	BUSHING-----	1
19	9S2007	SCREW-----	4
20	7N7809	PLATE-----	1
21	7N7805	HOUSING-----	1
22	7N9024	BOLT-----	4

235181

3T6352 ALTERNATOR GROUP—24 Volt, 35 Ampere—Part 1
 Serial No. 6X1342—Up
 Part of 6N9294 Alternator Group listed on Page 72A

3T6352 ALTERNATOR GROUP—24 Volt, 35 Ampere—Part 2
 Serial No. 6X1342—Up
 Part of 6N9294 Alternator Group listed on Page 72A

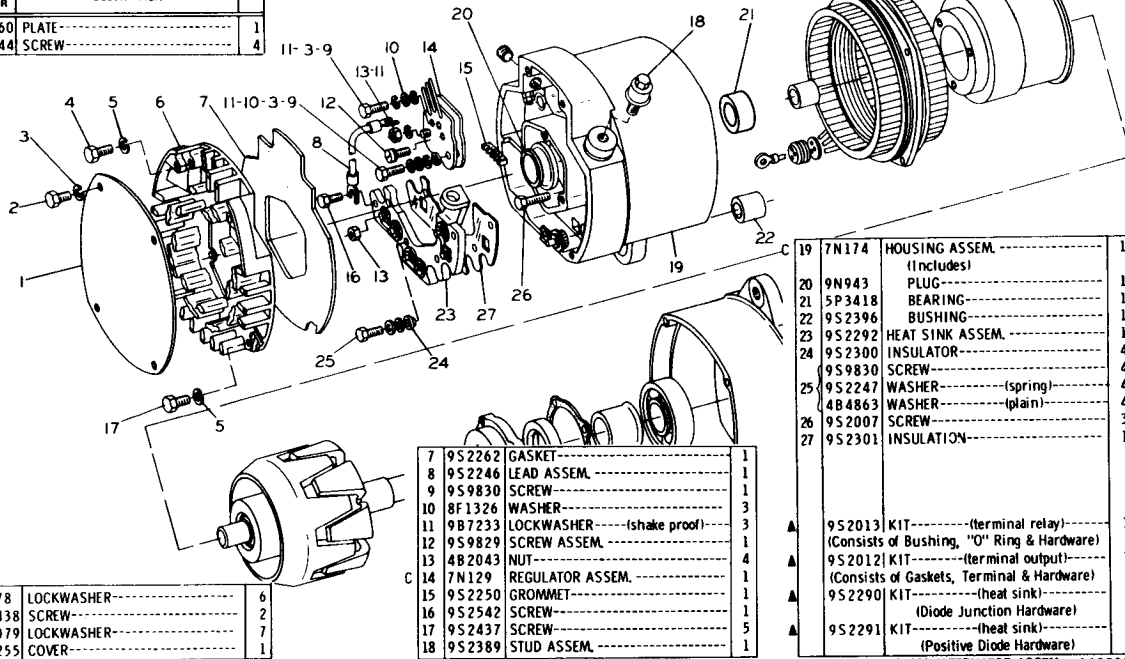


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N7807	TERMINAL KIT----(output)----- (Includes Insulator, Screw, Washers, Lockwasher, Nut & Adapter)	1
2	7N7808	TERMINAL KIT----- (Includes Stud, Bushings, Washers & Nut Assem.)	1
3	9L6770	CAP-----	1
4	8N740	SCREW ASSEM.-----	5
5	6N1872	SCREW ASSEM.-----	2
6	9N938	WASHER -11.17mm(.44 in.)O. D.---	2
7	7N9023	SCREW ASSEM.-----	2
8	3T6353	REGULATOR ASSEM.-----	1
9	6N1869	NUT ASSEM.-----	4
10	7N7811	CONNECTOR-----	1
11	7N9018	SCREW ASSEM.-----	3
12	9N1202	DIODE ASSEM.-----	1
13	7N7797	INSULATOR-----	2
14	7N9021	SCREW ASSEM.-----	1
15	7N7796	BUSHING-----	1
16	7N7802	CAPACITOR ASSEM.-----	1
17	3N4082	BRACKET-----	1
18	7N7798	CONNECTOR-----	1
	7N7801	CONNECTOR-----	1
	5L4426	NUT-----	1
	3B4504	LOCKWASHER-----	1
	3P9901	WASHER-----	1
	3H240	WASHER-9.65mm(.38 in.)O. D.-----	2

C INDICATES CHANGE

304807

REF NO	PART NUMBER	DESCRIPTION	QTY
1	9S2260	PLATE-----	1
2	9S2544	SCREW-----	4



3	8H878	LOCKWASHER-----	6
4	9S2438	SCREW-----	2
5	7H2079	LOCKWASHER-----	7
6	9S2255	COVER-----	1

7	9S2262	GASKET-----	1
8	9S2246	LEAD ASSEM.-----	1
9	9S9830	SCREW-----	1
10	8F1326	WASHER-----	3
11	9B7233	LOCKWASHER----- (shake proof)	3
12	9S9829	SCREW ASSEM.-----	1
13	4B2043	NUT-----	4
14	7N129	REGULATOR ASSEM.-----	1
15	9S2250	GROMMET-----	1
16	9S2542	SCREW-----	1
17	9S2437	SCREW-----	5
18	9S2389	STUD ASSEM.-----	1

C INDICATES CHANGE

19	7N174	HOUSING ASSEM.-----	1
		(Includes)	
20	9N943	PLUG-----	1
21	5P3418	BEARING-----	1
22	9S2396	BUSHING-----	1
23	9S2292	HEAT SINK ASSEM.-----	1
24	9S2300	INSULATOR-----	4
	9S9830	SCREW-----	4
25	9S2247	WASHER----- (spring)	4
	4B4863	WASHER----- (plain)	4
26	9S2007	SCREW-----	3
27	9S2301	INSULATION-----	1
▲	9S2013	KIT----- (terminal relay)	1
		(Consists of Bushing, "O" Ring & Hardware)	
▲	9S2012	KIT----- (terminal output)	1
		(Consists of Gaskets, Terminal & Hardware)	
▲	9S2290	KIT----- (heat sink)	1
		(Diode Junction Hardware)	
▲	9S2291	KIT----- (heat sink)	1
		(Positive Diode Hardware)	

▲ NOT PART OF 5S9088 ALTERNATOR ASSEM. 162528

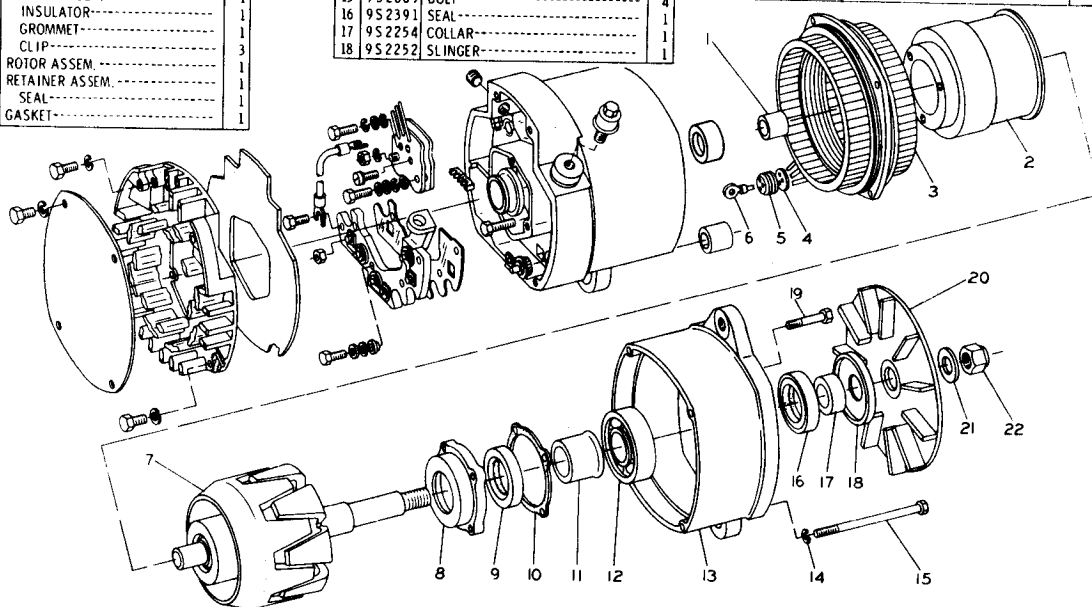
5S9088 ALTERNATOR ASSEMBLY—24 Volt, 50 Ampere—Part 1—Type 1
Part of 8N1084 Alternator Group shown on Page 71

5S9088 ALTERNATOR ASSEMBLY—24 Volt, 50 Ampere—Part 2—Type 1
Part of 8N1084 Alternator Group shown on Page 71

REF NO	PART NUMBER	DESCRIPTION	QTY
1	5P3419	RACE-----	1
2	9S2248	FIELD COIL AND SUPPORT ASSEM-----	1
3	9S2004	STATOR ASSEM-----	1
4	9S2006	INSULATOR-----	1
5	9S2005	GROMMET-----	1
6	9S2014	CLIP-----	3
7	9S2302	ROTOR ASSEM-----	1
8	9S2390	RETAINER ASSEM-----	1
9	9S2391	SEAL-----	1
10	9S2256	GASKET-----	1

11	9S2261	COLLAR-----	1
12	2F5721	BEARING-----	1
13	2P5616	FRAME-----	1
14	3B4502	LOCKWASHER-----	4
15	9S2009	BOLT-----	4
16	9S2391	SEAL-----	1
17	9S2254	COLLAR-----	1
18	9S2252	SLINGER-----	1

19	9S2008	SCREW-----	4
20	9S2258	FAN AND BAFFLE ASSEM-----	1
21	7F7621	WASHER-----	1
22	2K4821	LOCKNUT-----	1



C INDICATES CHANGE

162529

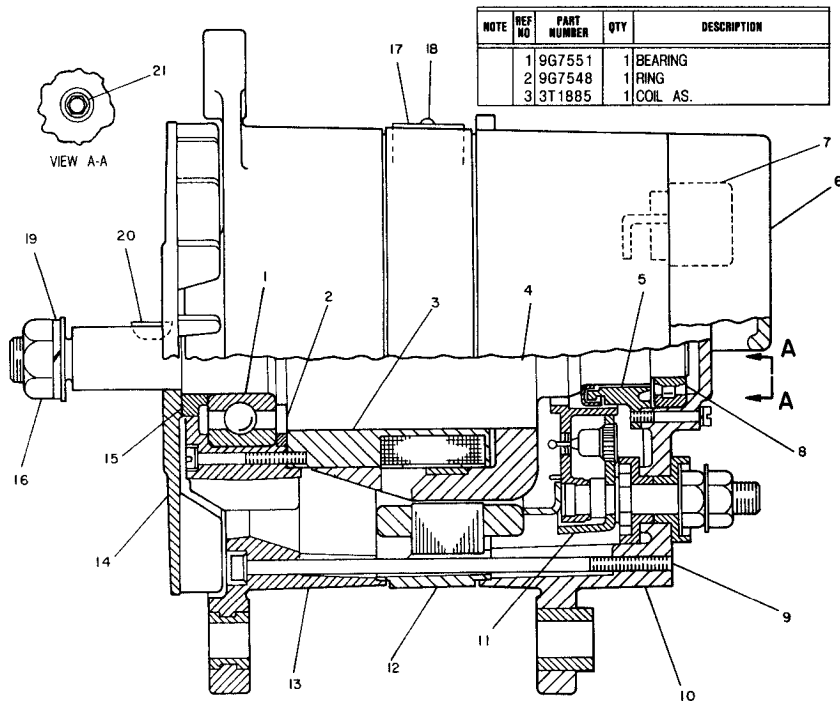
CONSISTS OF:			PAGE
1	9G9538	ALTERNATOR GROUP--24 VOLT, 50 AMPERE ...	77B
	- OR -		
1	3T1888	ALTERNATOR GROUP--DELCO-REMY 24 VOLT, 50 AMPERE	77C

5S9088 ALTERNATOR ASSEMBLY—24 Volt, 50 Ampere—Type 2
Part of 8N1084 Alternator Group shown on Page 71

9G9538 ALTERNATOR GROUP-24 VOLT, 50 AMPERE
Part Of 5S9088 Alternator

STARTING AND ELECTRICAL SYSTEM

77B



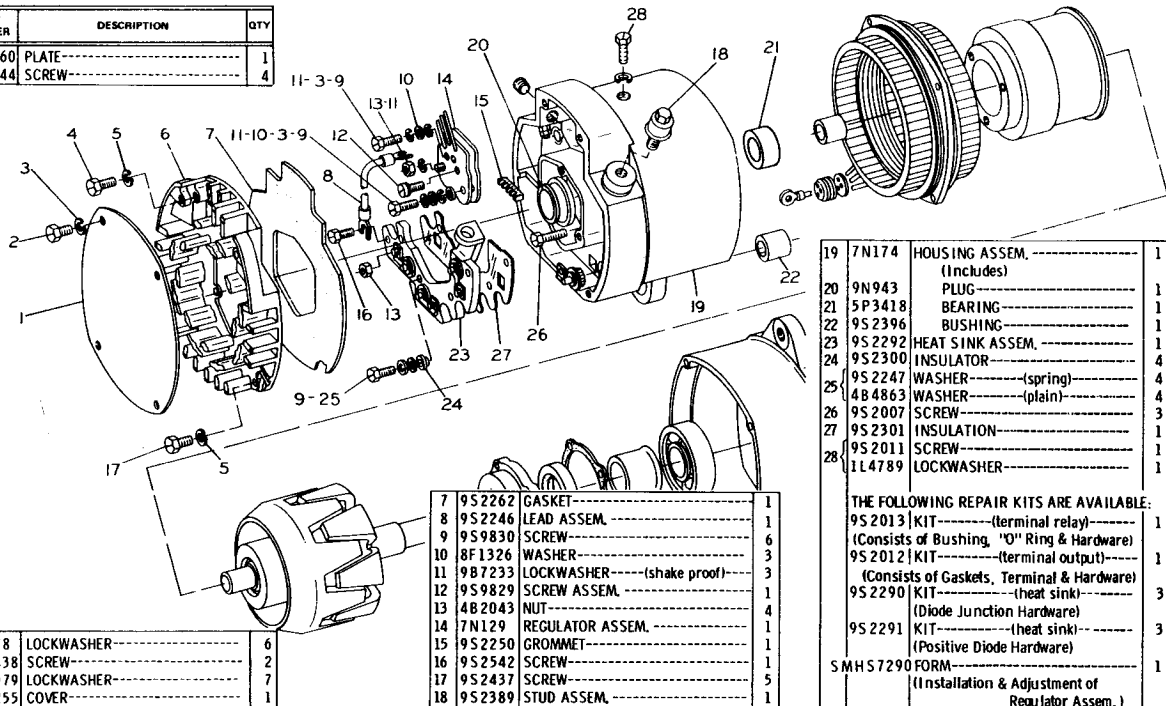
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9G7551	1	BEARING
	2	9G7548	1	RING
	3	3T1885	1	COIL AS.

	4	9G7560	1	ROTOR AS.
	5	9G7553	1	RING
	6	9G7562	1	COVER AS.
	7	9G7567	1	REGULATOR AS.
	8	9G7552	1	BEARING
	9	9G7557	4	SCREW AS.
	10	9G7568	1	FRAME AS.
	11	3T1887	1	DIODE AS.
	12	3T1886	1	STATOR AS.
	13	9G7566	1	FRAME
	14	9G7564	1	FAN
	15	9G7549	1	SPACER
	16	2K4821	1	LOCKNUT
		7K7621	1	WASHER
C	17	3T5962	1	NAMEPLATE
C	18	2H3880	2	SCREW (DRIVE)
C	19	5P8247	1	WASHER
C	20	1B8705	1	KEY
C	21	9L6770	1	CAP
			THE FOLLOWING REPAIR KITS ARE AVAILABLE:	
		9G7554	1	KIT (GROUND TERMINAL) (INCL. NUTS & LOCKWASH- ERS)
		9G7555	1	KIT (OUTPUT TERMINAL) (INCL. NUTS, WASHERS & BUSHINGS)
		9G7556	1	KIT (CAPACITOR) (INCL. CAPACITOR, SCREW, LOCKWASHER & WASHER)
		9G7559	1	KIT (RELAY TERMINAL) (INCL. SPICE, TUBE, NUT, TERMINAL, LOCKWASHER, WASHERS & BUSHING)
		9G7565	1	KIT (REGULATOR TERMINAL) (INCL. NUTS, LOCKWASHERS, WASHERS & BUSHING)

C INDICATES CHANGE

328673

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S2260	PLATE-----	1
2	9S2544	SCREW-----	4



3	8H878	LOCKWASHER-----	6
4	9S2438	SCREW-----	2
5	7H2079	LOCKWASHER-----	7
6	9S2255	COVER-----	1

7	9S2262	GASKET-----	1
8	9S2246	LEAD ASSEM.-----	1
9	9S9830	SCREW-----	6
10	8F1326	WASHER-----	3
11	9B7233	LOCKWASHER----- (shake proof)-----	3
12	9S9829	SCREW ASSEM.-----	1
13	4B2043	NUT-----	4
14	7N129	REGULATOR ASSEM.-----	1
15	9S2250	GROMMET-----	1
16	9S2542	SCREW-----	1
17	9S2437	SCREW-----	5
18	9S2389	STUD ASSEM.-----	1

19	7N174	HOUSING ASSEM.-----	1
		(Includes)	
20	9N943	PLUG-----	1
21	5P3418	BEARING-----	1
22	9S2396	BUSHING-----	1
23	9S2292	HEAT SINK ASSEM.-----	1
24	9S2300	INSULATOR-----	4
25	9S2247	WASHER----- (spring)-----	4
26	4B4863	WASHER----- (plain)-----	4
27	9S2007	SCREW-----	3
28	9S2301	INSULATION-----	1
	9S2011	SCREW-----	1
	1L4789	LOCKWASHER-----	1

THE FOLLOWING REPAIR KITS ARE AVAILABLE:

9S2013	KIT----- (terminal relay)-----	1
	(Consists of Bushing, "O" Ring & Hardware)	
9S2012	KIT----- (terminal output)-----	1
	(Consists of Gaskets, Terminal & Hardware)	
9S2290	KIT----- (heat sink)-----	3
	(Diode Junction Hardware)	
9S2291	KIT----- (heat sink)-----	3
	(Positive Diode Hardware)	
SMHS7290	FORM-----	1
	(Installation & Adjustment of Regulator Assem.)	

233893

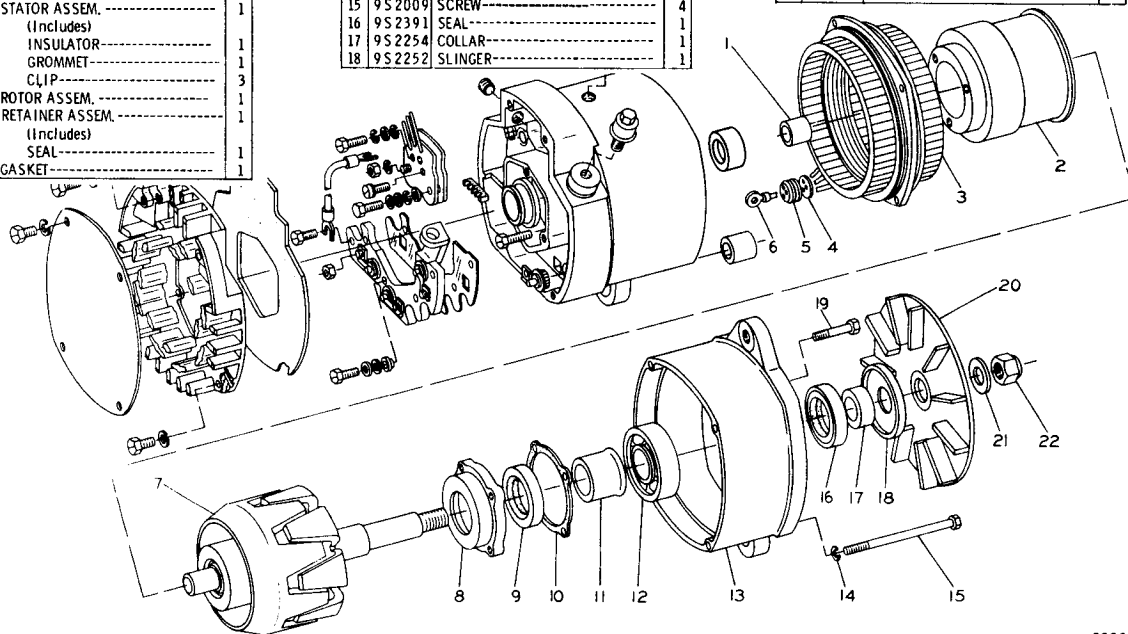
3T1888 ALTERNATOR GROUP—Delco-Remy—24 Volt, 50 Ampere—Part 1
Part of 5S9088 Alternator Assembly listed on Page 77A

3T1888 ALTERNATOR GROUP—Delco Remy—24 Volt, 50 Ampere—Part 2
Part of 5S9088 Alternator Assembly listed on Page 77A

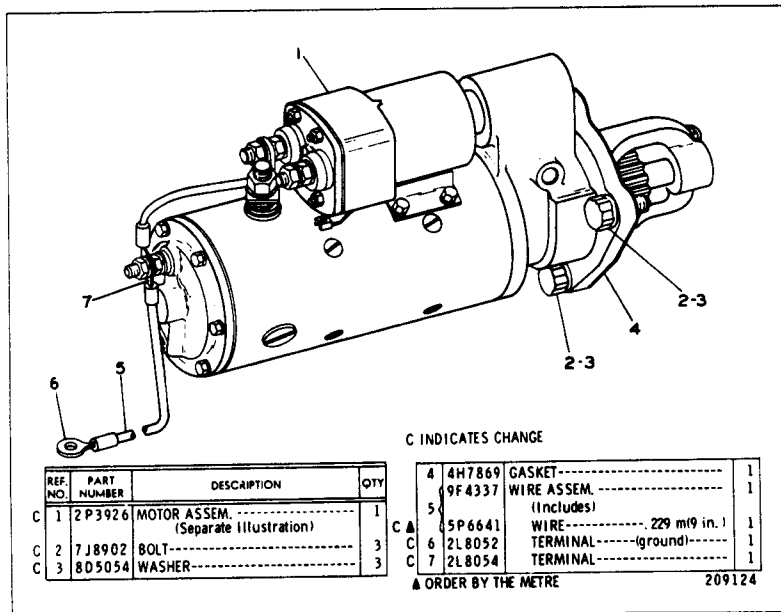
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P3419	RACE-----	1
2	9S2248	FIELD COIL AND SUPPORT ASSEM.	1
3	9S2004	STATOR ASSEM.-----	1
		(Includes)	
4	9S2006	INSULATOR-----	1
5	9S2005	GROMMET-----	1
6	9S2014	CLIP-----	3
7	9S2302	ROTOR ASSEM.-----	1
8	9S2390	RETAINER ASSEM.-----	1
		(Includes)	
9	9S2391	SEAL-----	1
10	9S2256	GASKET-----	1

11	9S2261	COLLAR-----	1
12	2F5721	BEARING-----	1
13	2P5616	FRAME-----	1
14	3B4502	LOCKWASHER-----	4
15	9S2009	SCREW-----	4
16	9S2391	SEAL-----	1
17	9S2254	COLLAR-----	1
18	9S2252	SLINGER-----	1

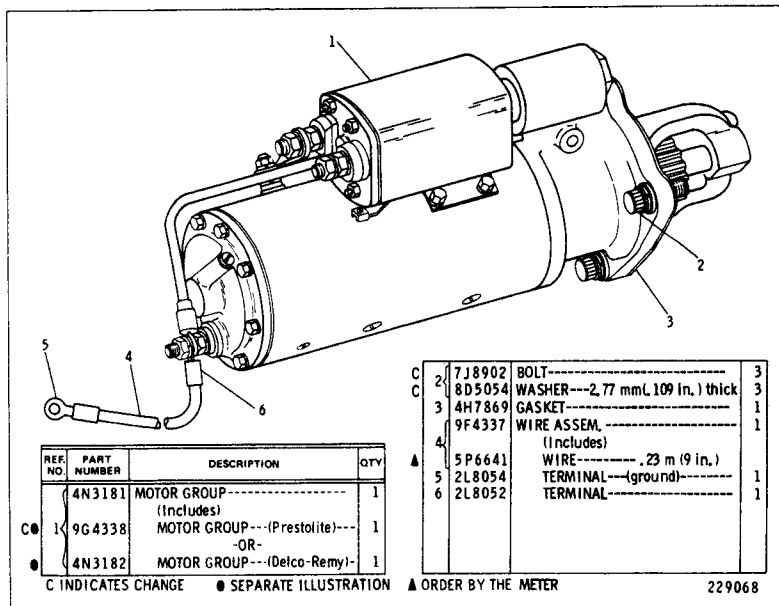
19	9S2008	SCREW-----	4
20	9S2258	FAN AND BAFFLE ASSEM.-----	1
21	7F7621	WASHER-----	1
22	2K4821	LOCKNUT-----	1



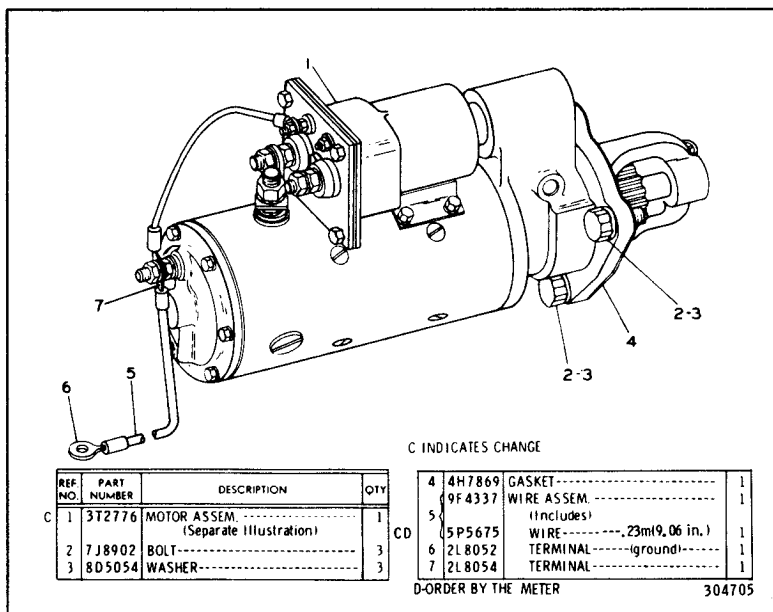
CATERPILLAR D6D LGP TRACTOR



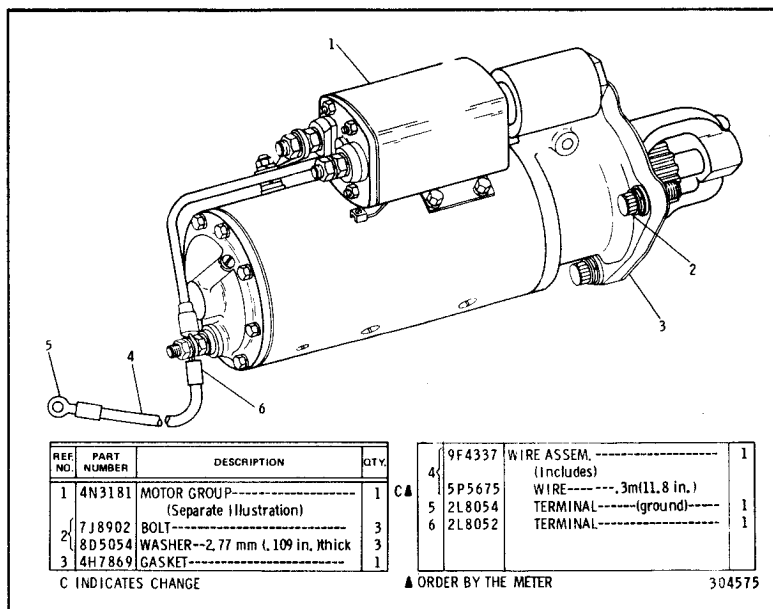
8S3886 ELECTRIC STARTING MOTOR GROUP—24 Volt—Type 1
FOR USE IN TEMPERATURES OF 0 DEGREES FAHRENHEIT OR BELOW
2P3926 Starting Motor parts are shown on Pages 84, 85 and 86. AN ATTACHMENT



7S3622 ELECTRIC STARTING MOTOR GROUP—24 Volt
Serial No. 6X1115 to 6X1169 inclusive
4N3182 and 9G4338 Starting Motor parts are shown on Pages 79 through 83

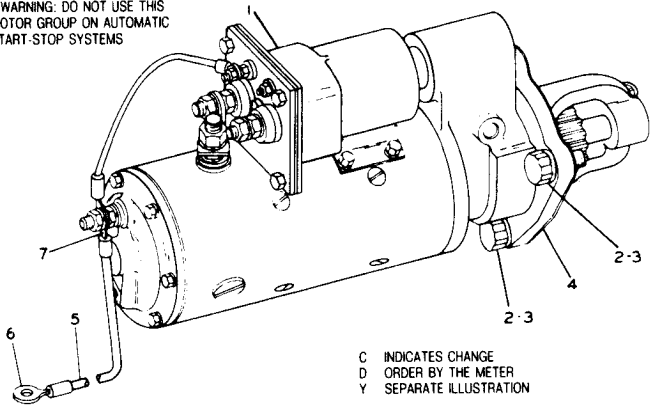


8S3886 ELECTRIC STARTING MOTOR GROUP—24 Volt—Type 2
FOR USE IN TEMPERATURES OF 0 DEGREES FAHRENHEIT OR BELOW
 3T2776 Motor parts are shown on Pages 86E through 86G
AN ATTACHMENT



7S3622 ELECTRIC STARTING MOTOR GROUP—24 Volt
Serial No. 6X1170—Up
 4N3181 Motor parts are listed on Page 78B

J-WARNING: DO NOT USE THIS
MOTOR GROUP ON AUTOMATIC
START-STOP SYSTEMS



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
CJY	1	3T8946	1	MOTOR GROUP
	2	7J8902	3	BOLT
	3	8D5054	3	WASHER

CD	4	4H7869	1	GASKET
	5	9F4337	1	WIRE ASSEM.
		5P5675		WIRE .23M (9.06IN.)
	6	2L8052	1	TERMINAL (GROUND)
	7	2L8054	1	TERMINAL

308830

8S3886 ELECTRIC STARTING MOTOR GROUP—24 Volt—Type 3
FOR USE IN TEMPERATURES OF 0 DEGREES FAHRENHEIT OR BELOW
3T8946 Motor parts are shown on Pages 86H through 86K
AN ATTACHMENT

CONSISTS OF:

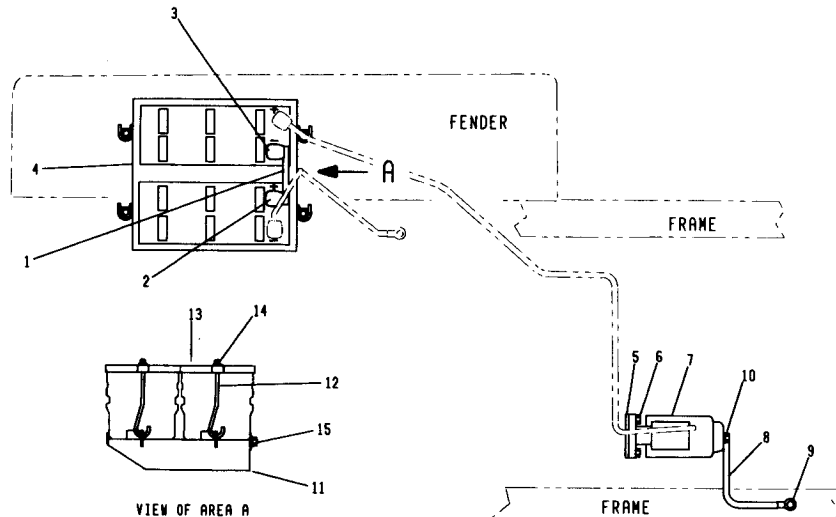
PAGE

1	9G4338	ELECTRIC STARTING MOTOR GROUP PRESTOLITE	82
1	3T2647	ELECTRIC STARTING MOTOR GROUP DELCO-REMY	86-87
1	3T6305	ELECTRIC STARTING MOTOR GROUP	86-87

6T1387 LOW TEMPERATURE STARTING ARRANGEMENT-24 VOLT-TYPE 1

Serial No. 6X1579-Up

3T2776-Page 86E



D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

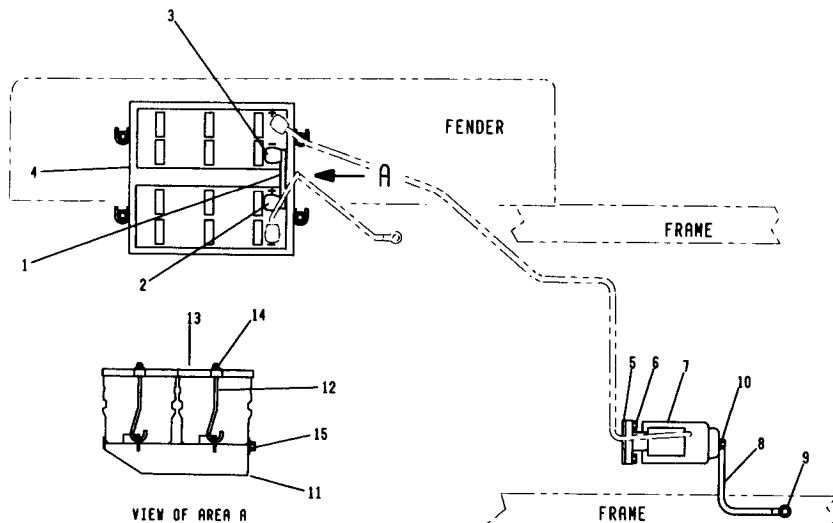
Y-SEPARATE ILLUSTRATION

■ 316950

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
E	1	5P747	1	CABLE 15CM (5.91IN.)
	2	9G4	1	COVER
		5M9204	1	TERMINAL AS. (POSITIVE)
		1M6119	1	BOLT
		1M6120	1	NUT
	3	9G3	1	COVER
		5M9205	1	TERMINAL AS. (NEGATIVE)
		1M6119	1	BOLT
		1M6120	1	NUT
	4	9G4232	2	BATTERY
				(EACH INCLUDES)
		7G9383	6	VENT AS.
	5	4H7869	1	GASKET
	6	7J8902	3	BOLT
	7	8D5054	3	WASHER
Y D	7	3T2776	1	MOTOR GP (EL. STARTING)
	8	9F4337	1	WIRE AS.
		5P5675		WIRE (6 GAUGE)
	9	2L8054	1	TERMINAL (GROUND)
	10	2L8052	1	TERMINAL
	11	8P1218	1	SUPPORT AS.
		1F748	4	NUT
		6J2050	1	BLOCK
	12	8P9728	4	BOLT
	13	8P1222	2	HOLDDOWN AS.
	14	2K4973	4	LOCKNUT
		3K925	4	SPACER
	15	9P126	1	PLATE
		S1594	2	BOLT
		5M2894	2	WASHER
		SMHS8282	1	FORM (INSTRUCTIONS FOR INSTALLING BATTERIES)

STARTING AND ELECTRICAL SYSTEM

78C



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
E	1	5P747	1	CABLE 15CM (5.91IN.)
	2	9G4	1	COVER
		5M9204	1	TERMINAL AS. (POSITIVE)
		1M6119	1	BOLT
		1M6120	1	NUT
	3	9G3	1	COVER
		5M9205	1	TERMINAL AS. (NEGATIVE)
		1M6119	1	BOLT
		1M6120	1	NUT
	4	9G4232	2	BATTERY
				(EACH INCLUDES)
		7G9383	6	VENT AS.
	5	4H7869	1	GASKET
	6	7J8902	3	BOLT
		8D5054	3	WASHER
CY	7	3T8946	1	MOTOR GP (EL. STARTING)
	8	9F4337	1	WIRE AS.
D		5P5675		WIRE (6 GAUGE)
	9	2L8054	1	TERMINAL (GROUND)
	10	2L8052	1	TERMINAL
	11	8P1218	1	SUPPORT AS.
		1F748	4	NUT
		6J2050	1	BLOCK
	12	8P9728	4	BOLT
	13	8P1222	2	HOLDDOWN AS.
	14	2K4973	4	LOCKNUT
		3K925	4	SPACER
NOTE	15	9P126	1	PLATE
		S1594	2	BOLT
		5M2894	2	WASHER
		SMHS8282	1	FORM
				(INSTRUCTIONS FOR
				INSTALLING BATTERIES)

C-INDICATES CHANGE

D-ORDER BY THE METER

E-ORDER BY THE CENTIMETER

Y-SEPARATE ILLUSTRATION

* 316993

6T1387 LOW TEMPERATURE STARTING ARRANGEMENT-24 VOLT-TYPE 2

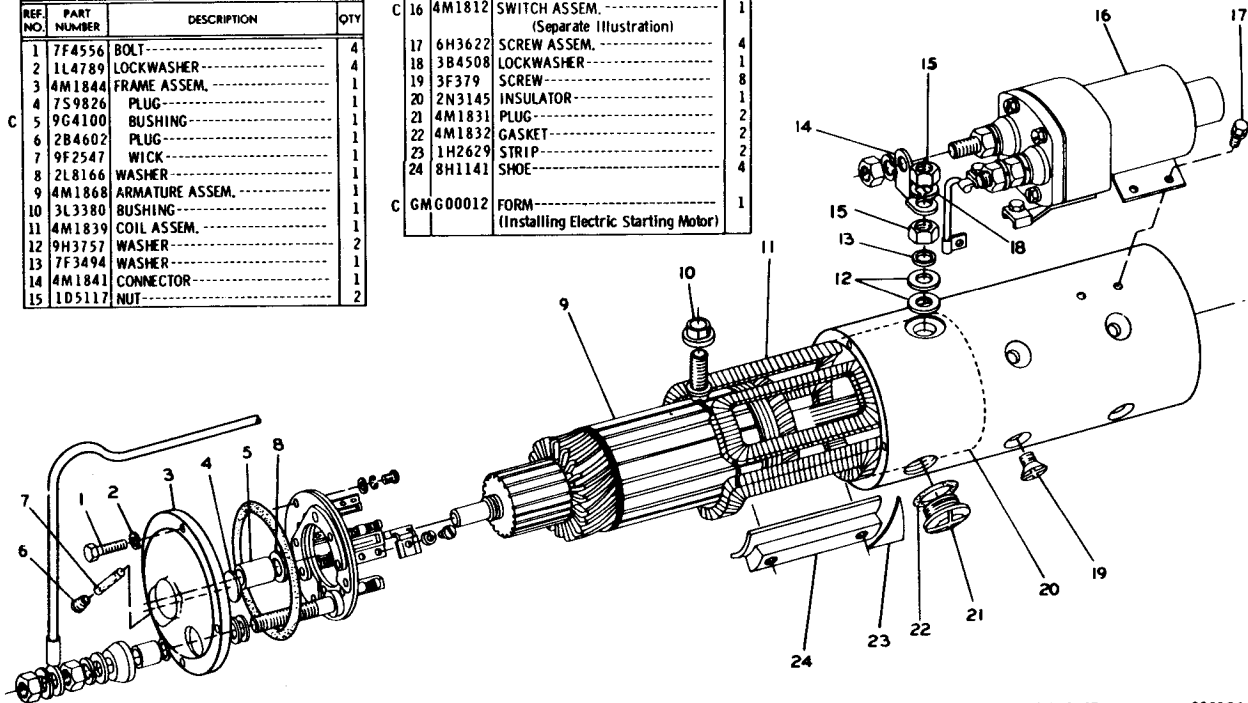
Serial No. 6X1579-Up

3T8946-Page 86H

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 1 of 3
 Serial No. 6X1115 to 6X1169 inclusive. Part of 7S3622 Starting Motor Group shown on Page 78
 4M1812 Switch parts are shown on Page 87

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT-----	4
2	1L4789	LOCKWASHER-----	4
3	4M1844	FRAME ASSEM.-----	1
4	7S9826	PLUG-----	1
5	9G4100	BUSHING-----	1
6	2B4602	PLUG-----	1
7	9F2547	WICK-----	1
8	2L8166	WASHER-----	1
9	4M1868	ARMATURE ASSEM.-----	1
10	3L3380	BUSHING-----	1
11	4M1839	COIL ASSEM.-----	1
12	9H3757	WASHER-----	2
13	7F3494	WASHER-----	1
14	4M1841	CONNECTOR-----	1
15	1D5117	NUT-----	2

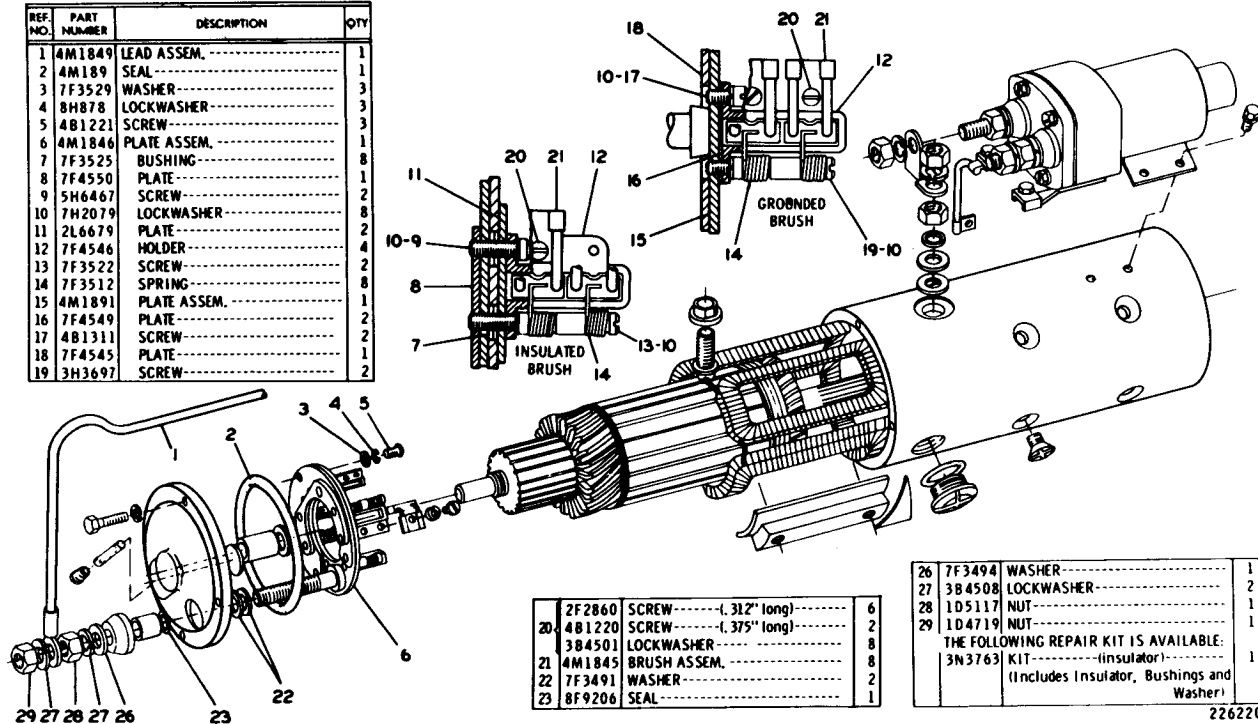
C 16	4M1812	SWITCH ASSEM.----- (Separate Illustration)	
17	6H3622	SCREW ASSEM.-----	4
18	3B4508	LOCKWASHER-----	1
19	3F379	SCREW-----	8
20	2N3145	INSULATOR-----	1
21	4M1831	PLUG-----	2
22	4M1832	GASKET-----	2
23	1H2629	STRIP-----	2
24	8H1141	SHOE-----	4
C	GM G00012	FORM----- (Installing Electric Starting Motor)	1



C INDICATES CHANGE

228186

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1849	LEAD ASSEM.	1
2	4M189	SEAL	1
3	7F3529	WASHER	3
4	8H878	LOCKWASHER	3
5	4B1221	SCREW	3
6	4M1846	PLATE ASSEM.	1
7	7F3525	BUSHING	8
8	7F4550	PLATE	1
9	5H6467	SCREW	2
10	7H2079	LOCKWASHER	8
11	2L6679	PLATE	2
12	7F4546	HOLDER	4
13	7F3522	SCREW	2
14	7F3512	SPRING	8
15	4M1891	PLATE ASSEM.	1
16	7F4549	PLATE	2
17	4B1311	SCREW	2
18	7F4545	PLATE	1
19	3H3697	SCREW	2



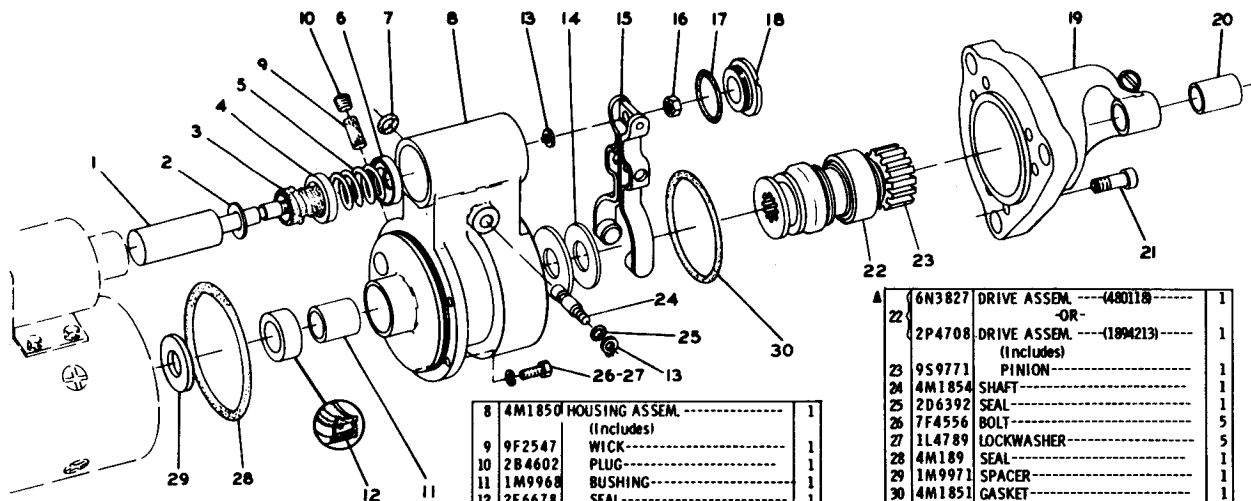
20	2F2860	SCREW	----- (.312" long)	6
21	4B1220	SCREW	----- (.375" long)	2
22	7F3491	WASHER	-----	8
23	8F9206	SEAL	-----	1

26	7F3494	WASHER	-----	1
27	3B4508	LOCKWASHER	-----	2
28	1D5117	NUT	-----	1
29	1D4719	NUT	-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:				
3N3763	KIT	----- (insulator)	-----	1
(Includes Insulator, Bushings and Washer)				

226220

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 2 of 3
Serial No. 6X1115 to 6X1169 inclusive. Part of 7S3622 Starting Motor Group shown on Page 78

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 3 of 3
Serial No. 6X1115 to 6X1169 inclusive. Part of 7S3622 Starting Motor Group shown on Page 78



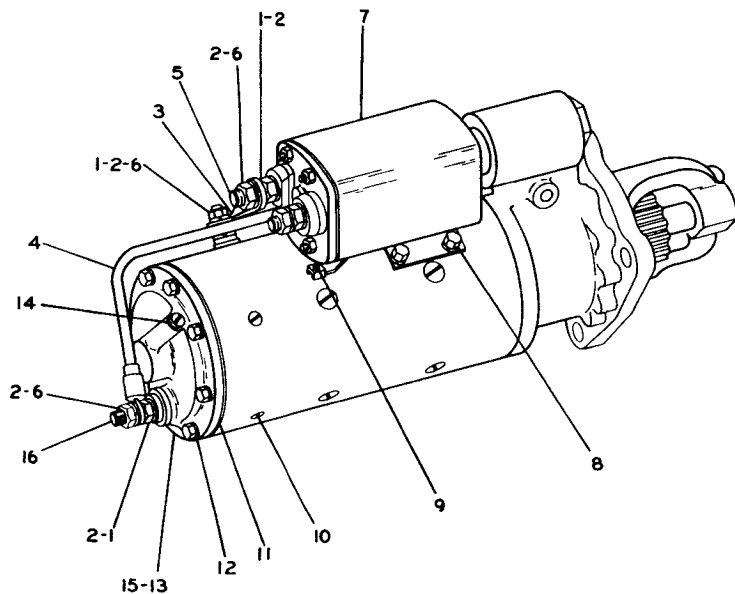
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1855	PLUNGER ASSEM.-----	1
	FMO55075	FORM---(installation instructions)	1
2	2S4027	WASHER-----	1
3	4M1829	BOOT-----	1
4	4M1828	RETAINER-----	1
5	9M7609	SPRING-----	1
6	4M1827	RETAINER-----	1
7	1H1023	SEAL-----	1

8	4M1850	HOUSING ASSEM.-----	1
		(Includes)	
9	9F2547	WICK-----	1
10	2B4602	PLUG-----	1
11	1M9968	BUSHING-----	1
12	2F6678	SEAL-----	1
13	2H3429	RING-----	2
14	4L2729	WASHER-----	1
15	4M1853	LEVER ASSEM.-----	1
16	3F2617	NUT-----	1
17	4M1832	GASKET-----	1
18	4M1831	PLUG-----	1
19	1S297	HOUSING ASSEM.-----	1
		(Includes)	
20	4M1896	BUSHING-----	1
21	4M1833	SCREW---1.50 in. (38.10 mm) long	5
	7M336	SCREW---.875 in. (22.23 mm) long	1

22	6N3827	DRIVE ASSEM.---(480118)---	1
		-OR-	
23	2P4708	DRIVE ASSEM.---(1894213)---	1
		(Includes)	
24	9S9771	PINION-----	1
25	4M1854	SHAFT-----	1
26	2D6392	SEAL-----	1
27	7F4556	BOLT-----	5
28	1L4789	LOCKWASHER-----	5
29	4M189	SEAL-----	1
30	1M9971	SPACER-----	1
	4M1851	GASKET-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE FOR 2P4708 DRIVE ASSEM.:			
	7N6098	KIT---(spring)-----	1
		(Includes Cup & Spring)	
	9S9825	KIT---(cup)-----	1
		(Includes Cup & Washers)	
	4S9459	KIT---(washer)-----	1
		(Includes Cup & Washers)	
	FMO35152	FORM.---(cup kit installation)---	1

▲ NOT PART OF 4N3182 MOTOR GROUP

226221



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D5117	NUT------(jam)-----	4
2	3B4508	LOCKWASHER-----	8
3	4N9405	CONNECTOR-----	1
4	4N9404	LEAD ASSEM.-----	1
5	2P8819	KIT------(Field Terminal Stud)-----	1
		(Includes Stud, Bushing & Washers)	
6	1D4719	NUT-----	4
7	9S7976	SOLENOID ASSEM.-----	1
		(Separate Illustration)	
	6H3622	SCREW-----	4
8	3B4504	LOCKWASHER-----	4
	3K6116	WASHER-----	4
9	4M3217	SCREW-----	2
10	4B1220	SCREW-----	3
11	8S1553	GASKET-----	1
12	3B4502	LOCKWASHER-----	7
13	1P7831	HEAD ASSEM.-(Commutator End)-	1
		(Includes)	
14	2B4602	PLUG-----	1
15	1P7832	KIT------(Bearing & Wick)-----	1
16	4N9403	KIT-(Commutator End Terminal Stud)	1
		(Includes Stud, Bushing & Washers)	

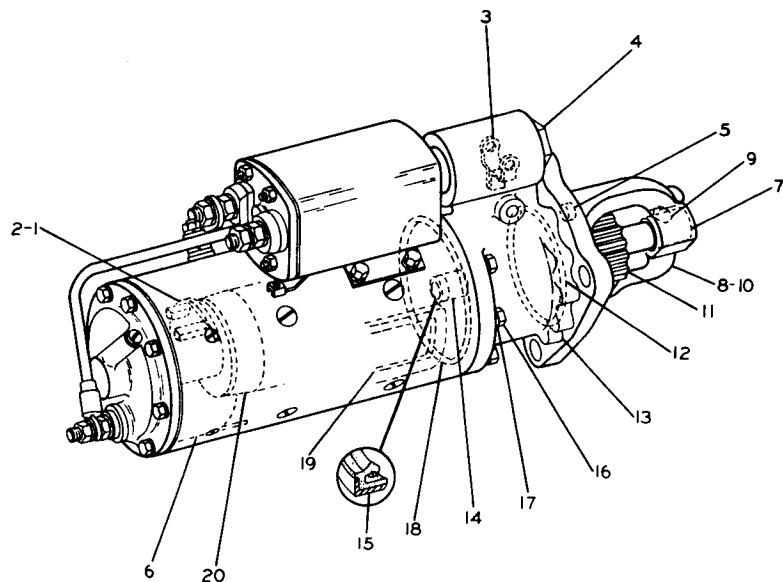
229069

9G4338 ELECTRIC STARTING MOTOR GROUP-PRESTOLITE-24 VOLT-PART 1 OF 2-TYPE 1

Part Of 7S3622 & 4N3181 Starting Motors

9S7976-Page 87

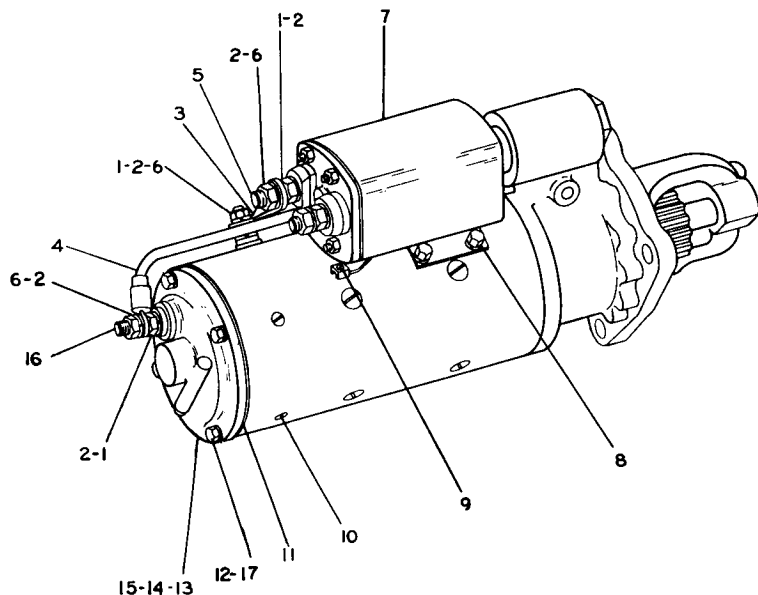
9G4338 ELECTRIC STARTING MOTOR GROUP-PRESTOLITE-24 VOLT-PART 2 OF 2-TYPE 1
 Part Of 7S3622 & 4N3181 Starting Motors



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2P8822	PLATE ASSEM. -----	1
2	4N9401	KIT----- (Includes 6 Brushes)---	1
	2P8868	KIT---- (Includes 8 Springs)-----	1
3	2P8825	SHIFT YOKE ASSEM. -----	1
4	2P8817	KIT----- (Yoke Adjusting) (Includes Plugs, Pin, Gasket & Nut)	1
5	8S1535	KIT----- (Includes 6 Plugs)-----	1
6	4N9402	KIT---- (Includes 10 Insulations)---	1
7	8S4684	KIT----- (Bearing & Wick)-----	1
8	9G5854	HOUSING ASSEM. --- (Pinion)----- (Includes)	1
9	2B4602	PLUG -----	1
10	8S4680	KIT----- (Includes 10 Seals)-----	1
11	9G5587	DRIVE ASSEM. -----	1
12	2H3931	SEAL -----	1
	2P8824	HOUSING ASSEM. ----- (Includes)	1
13	2B4602	PLUG -----	1
14	8S2226	BUSHING -----	1
15	8S2225	SEAL -----	1
16	L1340	SCREW -----	7
	2P8816	KIT-- (Includes Housing Screws)---	1
17	3B4504	LOCKWASHER -----	7
18	4M189	SEAL -----	1
19	2N8818	KIT----- (Field Coil)----- (Includes Coils, Gaskets & Screws)	1
20	8S1546	ARMATURE ASSEM. -----	1
	8S8075	KIT-- (Armature Thrust Washers)---	1

229070

STARTING AND ELECTRICAL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D5117	NUT------(jam)-----	4
2	3B4508	LOCKWASHER-----	8
3	4N9405	CONNECTOR-----	1
4	4N9404	LEAD ASSEM.-----	1
5	2P8819	KIT------(Field Terminal Stud) (Includes Stud, Bushing & Washers)	1
6	1D4719	NUT-----	4
C 7	3T3369	SOLENOID ASSEM.----- (Separate Illustration)	1
	6H3622	SCREW-----	4
8	3B4504	LOCKWASHER-----	4
	3K6116	WASHER-----	4
9	4M3217	SCREW-----	2
10	4B1220	SCREW-----	3
11	8S1553	GASKET-----	1
C 12	3B4502	LOCKWASHER-----	4
13	1P7831	HEAD ASSEM.-(Commutator End) (Includes)	1
14	2B4602	PLUG-----	1
15	1P7832	KIT------(Bearing & Wick)-----	1
16	4N9403	KIT-(Commutator End Terminal Stud) (Includes Stud, Bushing & Washers)	1
C 17	9L9850	SCREW-----	4

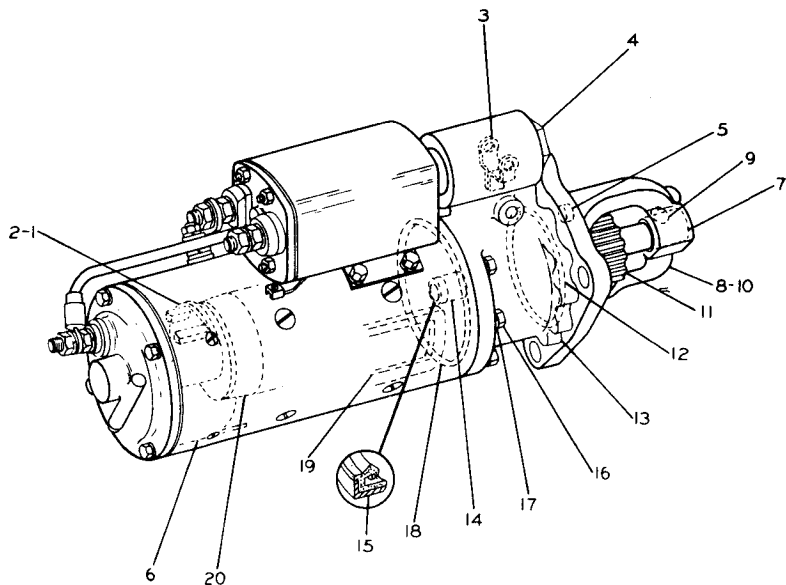
C INDICATES CHANGE

181283

9G4338 ELECTRIC STARTING MOTOR GROUP-PRESTOLITE-24 VOLT-PART 1 OF 2-TYPE 2

Part Of 7S3622 & 4N3181 Starting Motors
3T3369-Page 87B

9G4338 ELECTRIC STARTING MOTOR GROUP-PRESTOLITE-24 VOLT-PART 2 OF 2-TYPE 2
 Part Of 7S3622 & 4N3181 Starting Motors



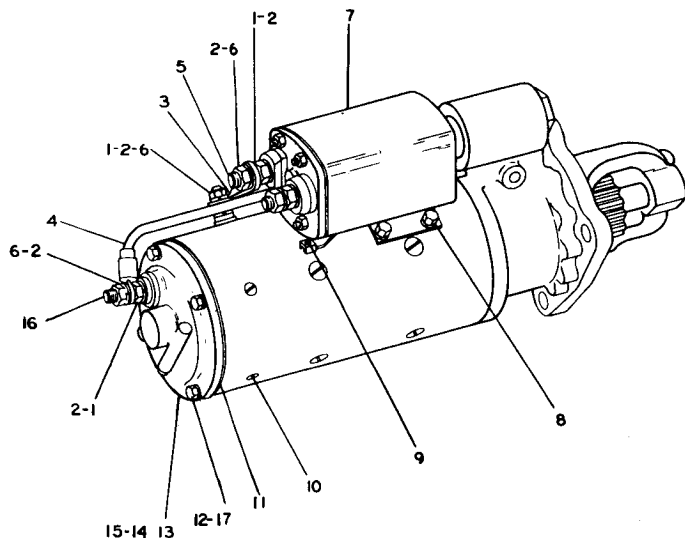
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2P8822	PLATE ASSEM. -----	1
2	4N9401	KIT----- (Includes 6 Brushes)---	1
	2P8868	KIT--- (Includes 8 Springs)-----	1
3	2P8825	SHIFT YOKE ASSEM. -----	1
4	2P8817	KIT----- (Yoke Adjusting)-----	1
		(Includes Plugs, Pin, Gasket & Nut)	
5	8S1535	KIT----- (Includes 6 Plugs)-----	1
6	4N9402	KIT--- (Includes 10 Insulations)---	1
7	8S4684	KIT----- (Bearing & Wick)-----	1
8	9G5854	HOUSING ASSEM. --- (Pinion)-----	1
		(Includes)	
9	2B4602	PLUG-----	1
10	8S4680	KIT--- (Includes 10 Seals)-----	1
11	4N4517	DRIVE ASSEM. -----	1
12	2H3931	SEAL-----	1
	2P8824	HOUSING ASSEM. -----	1
13		(Includes)	
	2B4602	PLUG-----	1
14	8S2226	BUSHING-----	1
15	8S2225	SEAL-----	1
16	L1340	SCREW-----	7
	2P8816	KIT-- (Includes Housing Screws)---	1
17	3B4504	LOCKWASHER-----	7
18	4M189	SEAL-----	1
19	2P8818	KIT----- (Field Coil)-----	1
		(Includes Coils, Gaskets & Screws)	
20	8S1546	ARMATURE ASSEM. -----	1
	8S8075	KIT-- (Armature Thrust Washers)---	1

C INDICATES CHANGE

312531

STARTING AND ELECTRICAL SYSTEM

838



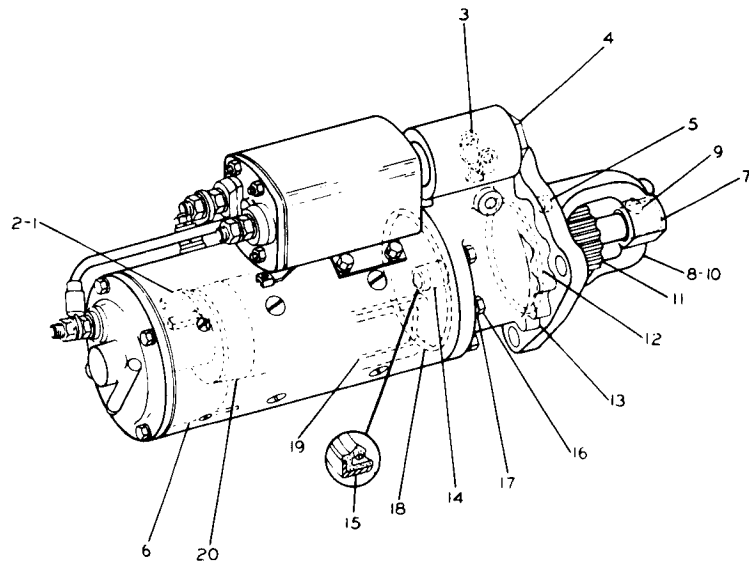
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D5117	NUT----- (jam)-----	4
2	3B4508	LOCKWASHER-----	8
3	4N9405	CONNECTOR-----	1
4	4N9404	LEAD ASSEM.-----	1
5	2P8819	KIT----- (Field Terminal Stud)----- (Includes Stud, Bushing & Washers)	1
6	1D4719	NUT-----	4
7	3T8635	SOLENOID ASSEM.----- (Separate Illustration)	1
8	6H3622	SCREW-----	4
9	3B4504	LOCKWASHER-----	4
10	3K6116	WASHER-----	4
11	4M3217	SCREW-----	2
12	4B1220	SCREW-----	3
13	8S1553	GASKET-----	1
14	3B4502	LOCKWASHER-----	4
15	1P7831	HEAD ASSEM.-(Commutator End)----- (Includes)	1
16	2B4602	PLUG-----	1
17	1P7832	KIT----- (Bearing & Wick)-----	1
18	4N9403	KIT-(Commutator End Terminal Stud) (Includes Stud, Bushing & Washers)	1
19	9L9850	SCREW-----	4

C INDICATES CHANGE

305183

9G4338 ELECTRIC STARTING MOTOR GROUP—Prestolite—24 Volt—Part 1—Type 3
 Part of 7S3622 & 4N3181 Starting Motor Group shown on Pages 78 & 78B
 3T8635 Solenoid parts are shown on Page 87B

9G4338 ELECTRIC STARTING MOTOR GROUP—Prestolite—24 Volt—Part 2—Type 3
Part of 7S3622 & 4N3181 Starting Motor Group shown on Pages 78 and 78B



REF NO	PART NUMBER	DESCRIPTION	QTY
1	2P8822	PLATE ASSEM. -----	1
2	4N9401	KIT----- (Includes 6 Brushes)---	1
2	2P8868	KIT--- (Includes 8 Springs)-----	1
3	2P8825	SHIFT YOKE ASSEM. -----	1
4	2P8817	KIT--- (Yoke Adjusting)-----	1
		(Includes Plugs, Pin, Gasket & Nut)	
5	8S1535	KIT----- (Includes 6 Plugs)-----	1
6	4N9402	KIT----- (Includes 10 Insulations)---	1
7	8S4684	KIT----- (Bearing & Wick)-----	1
8	9G5854	HOUSING ASSEM. --- (Pinion)-----	1
		(Includes)	
9	2B4602	PLUG-----	1
10	8S4680	KIT----- (Includes 10 Seals)-----	1
C 11	3T8572	DRIVE ASSEM. -----	1
12	2H3931	SEAL-----	1
	2P8824	HOUSING ASSEM. -----	1
13		(Includes)	
	2B4602	PLUG-----	1
14	8S2226	BUSHING-----	1
15	8S2225	SEAL-----	1
16	L1340	SCREW-----	7
	2P8816	KIT-- (Includes Housing Screws)---	1
17	3B4504	LOCKWASHER-----	7
18	4M189	SEAL-----	1
C 19	2P8818	KIT----- (Field Coil)-----	1
		(Includes Coils, Gaskets & Screws)	
20	8S1546	ARMATURE ASSEM. -----	1
	8S8075	KIT-- (Armature Thrust Washers)---	1

C INDICATES CHANGE

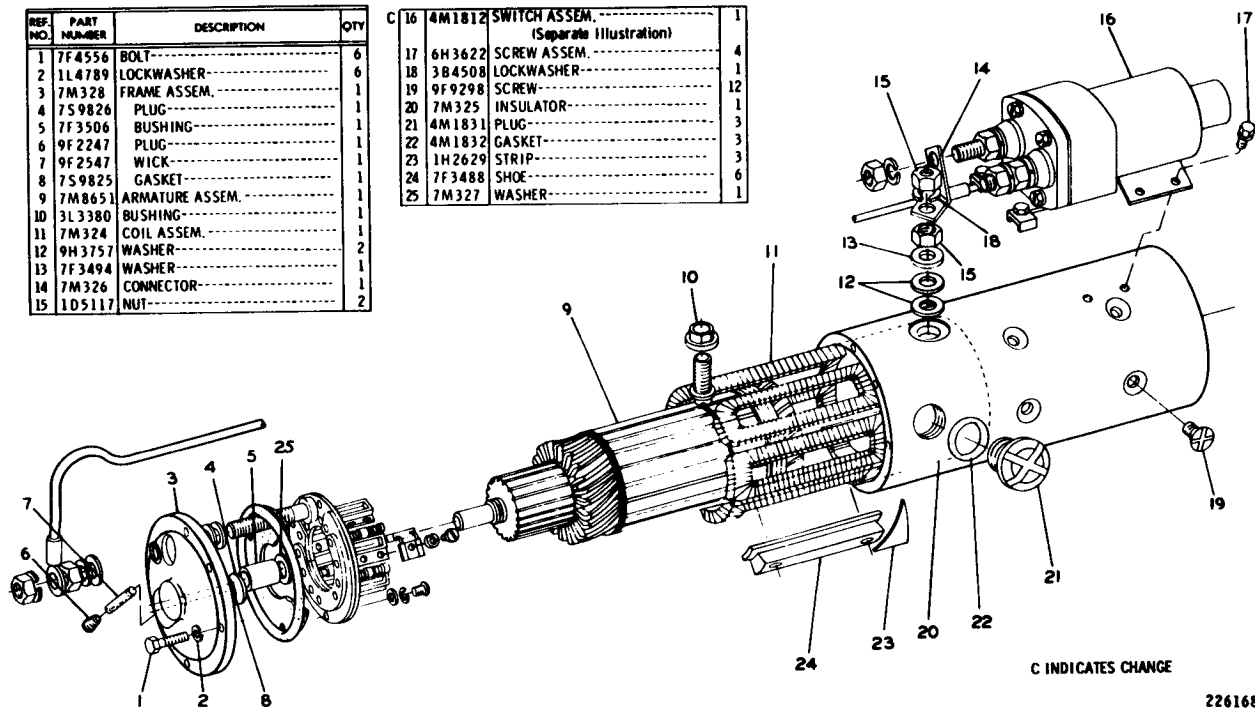
312530

STARTING AND ELECTRICAL SYSTEM

83D

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT-----	6
2	1L4789	LOCKWASHER-----	6
3	7M328	FRAME ASSEM.-----	1
4	7S9826	PLUG-----	1
5	7F3506	BUSHING-----	1
6	9F2247	PLUG-----	1
7	9F2547	WICK-----	1
8	7S9825	GASKET-----	1
9	7M8651	ARMATURE ASSEM.-----	1
10	3L3380	BUSHING-----	1
11	7M324	COIL ASSEM.-----	1
12	9H3757	WASHER-----	2
13	7F3494	WASHER-----	1
14	7M326	CONNECTOR-----	1
15	1D5117	NUT-----	2

C 16	4M1812	SWITCH ASSEM.-----	1
		(Separate Illustration)	
17	6H3622	SCREW ASSEM.-----	4
18	3B4508	LOCKWASHER-----	1
19	9F9298	SCREW-----	12
20	7M325	INSULATOR-----	1
21	4M1831	PLUG-----	3
22	4M1832	GASKET-----	3
23	1H2629	STRIP-----	3
24	7F3488	SHOE-----	6
25	7M327	WASHER-----	1



C INDICATES CHANGE

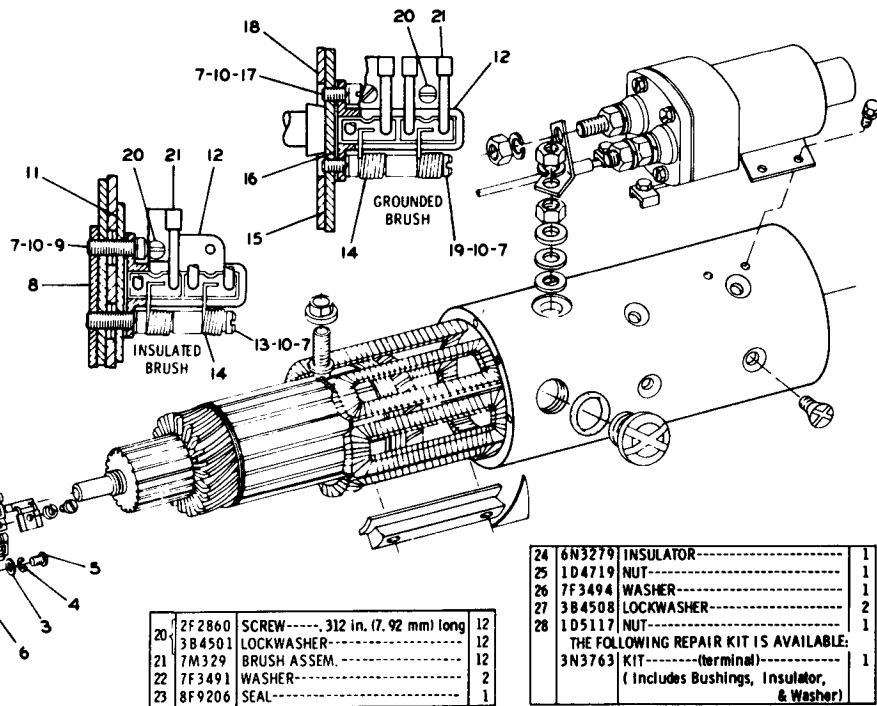
226168

2P3926 ELECTRIC STARTING MOTOR GROUP — 24 Volt — Part 1 of 3
 Part of 8S3886 Starting Motor Group shown on Page 78
 4M1812 Switch parts are shown on Page 87. AN ATTACHMENT

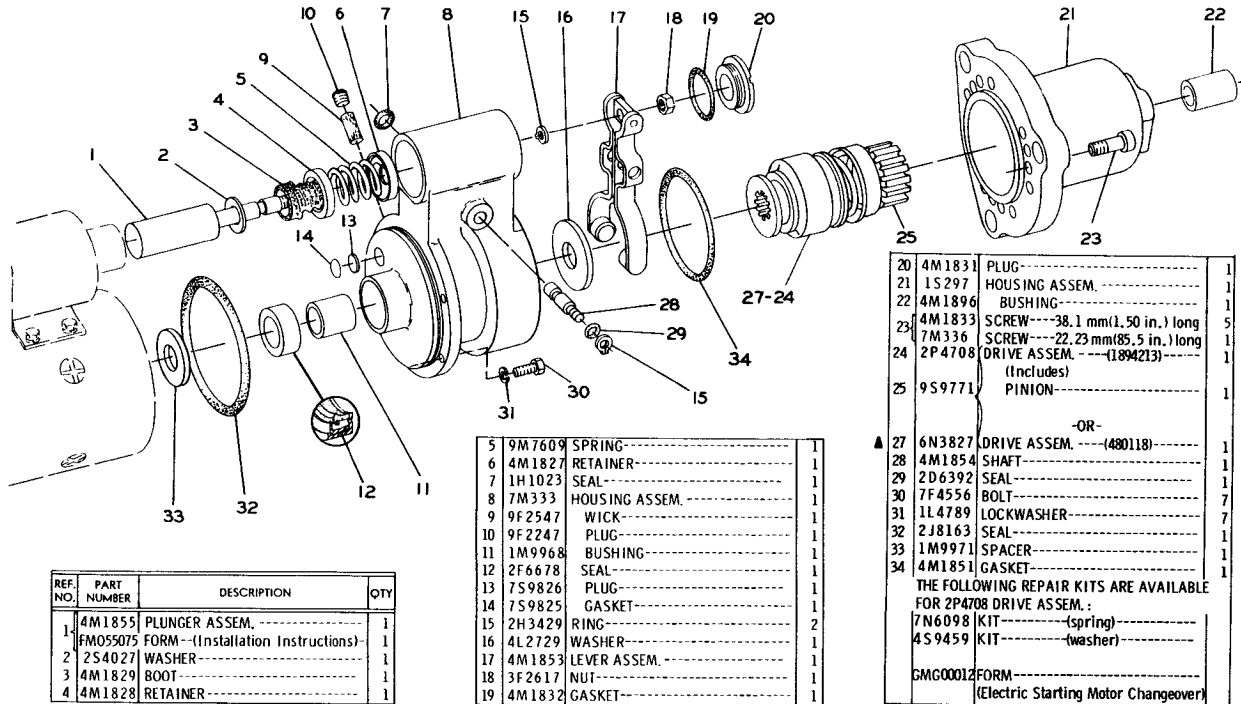
2P3926 ELECTRIC STARTING MOTOR GROUP — 24 Volt — Part 2 of 3
Part of 8S3886 Starting Motor Group shown on Page 78
AN ATTACHMENT

STARTING AND ELECTRICAL SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1849	LEAD ASSEM.-----	1
2	2J8163	SEAL-----	1
3	7F3529	WASHER-----	3
4	8H878	LOCKWASHER-----	3
5	4B1221	SCREW-----	3
6	7M330	PLATE ASSEM.-----	1
7	7F3525	WASHER-----	12
8	7F3520	PLATE-----	1
9	5H6467	SCREW-----	3
10	7H2079	LOCKWASHER-----	12
11	2L6679	PLATE-----	3
12	7F3513	HOLDER-----	6
13	7F3522	SCREW-----	3
14	7F3512	SPRING-----	12
15	7M331	PLATE ASSEM.-----	1
16	7F3521	PLATE-----	3
17	7F7611	SCREW-----	3
18	7M332	PLATE-----	1
19	3H3697	SCREW-----	3



226169



2P3926 ELECTRIC STARTING MOTOR GROUP — 24 Volt — Part 3 of 3
Part of 8S3886 Starting Motor Group shown on Page 78
AN ATTACHMENT

226170

3T2647 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 1 of 3

Serial No. 6X1170—Up

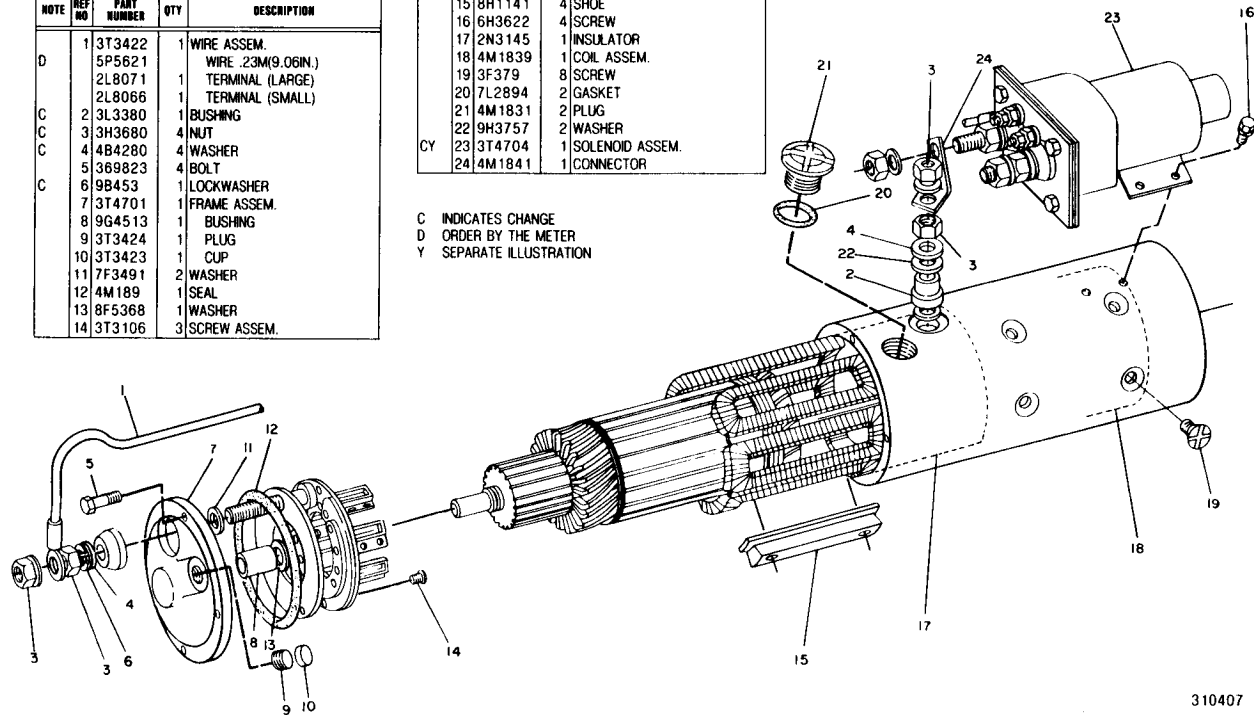
Part of 4N3181 Electric Starting Motor Group listed on Page 78B

3T4704 Solenoid parts are shown on Page 87A

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
D	1	3T3422	1	WIRE ASSEM.
		5P5621		WIRE .23M(9.06IN.)
		2L8071	1	TERMINAL (LARGE)
		2L8066	1	TERMINAL (SMALL)
C	2	3L3380	1	BUSHING
C	3	3H3680	4	NUT
C	4	4B4280	4	WASHER
	5	369823	4	BOLT
C	6	9B453	1	LOCKWASHER
	7	3T4701	1	FRAME ASSEM.
	8	9G4513	1	BUSHING
	9	3T3424	1	PLUG
	10	3T3423	1	CUP
	11	7F3491	2	WASHER
	12	4M189	1	SEAL
	13	8F5368	1	WASHER
	14	3T3106	3	SCREW ASSEM.

	15	8H1141	4	SHOE
	16	6H3622	4	SCREW
	17	2N3145	1	INSULATOR
	18	4M1839	1	COIL ASSEM.
	19	3F379	8	SCREW
	20	7L2894	2	GASKET
	21	4M1831	2	PLUG
	22	9H3757	2	WASHER
CY	23	3T4704	1	SOLENOID ASSEM.
	24	4M1841	1	CONNECTOR

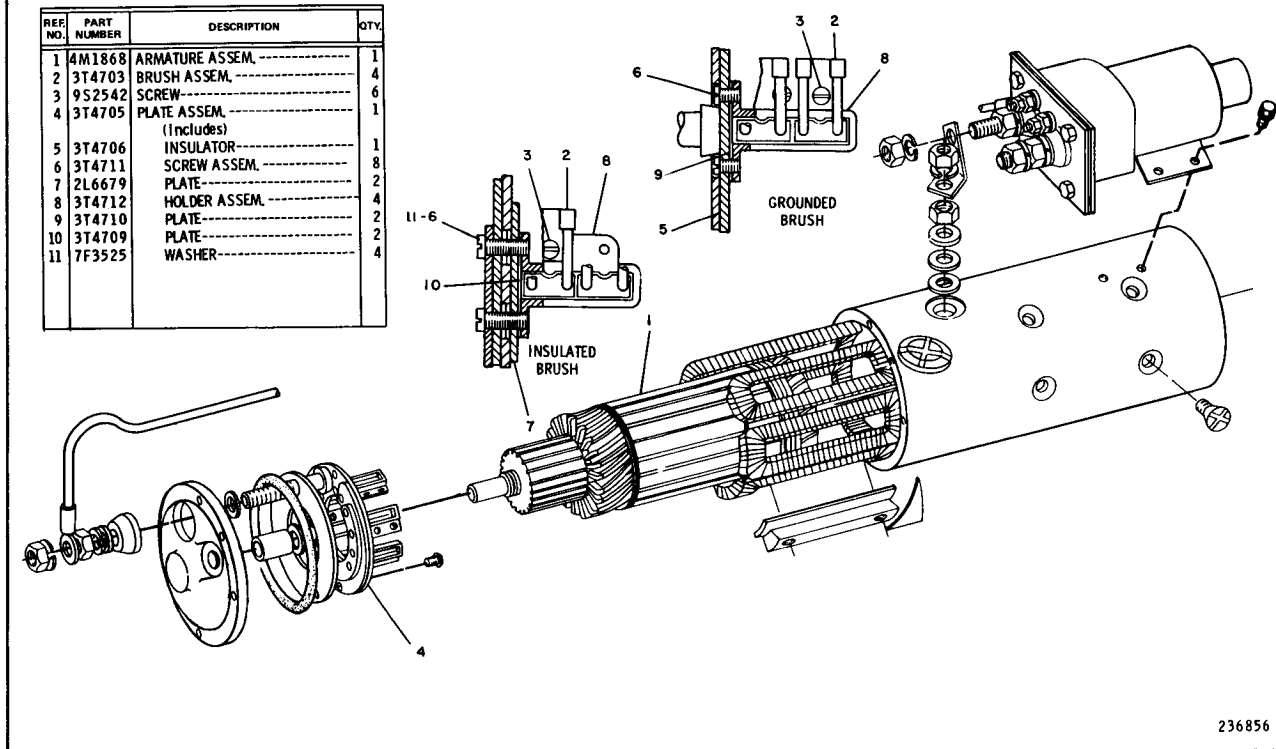
C INDICATES CHANGE
D ORDER BY THE METER
Y SEPARATE ILLUSTRATION



STARTING AND ELECTRICAL SYSTEM

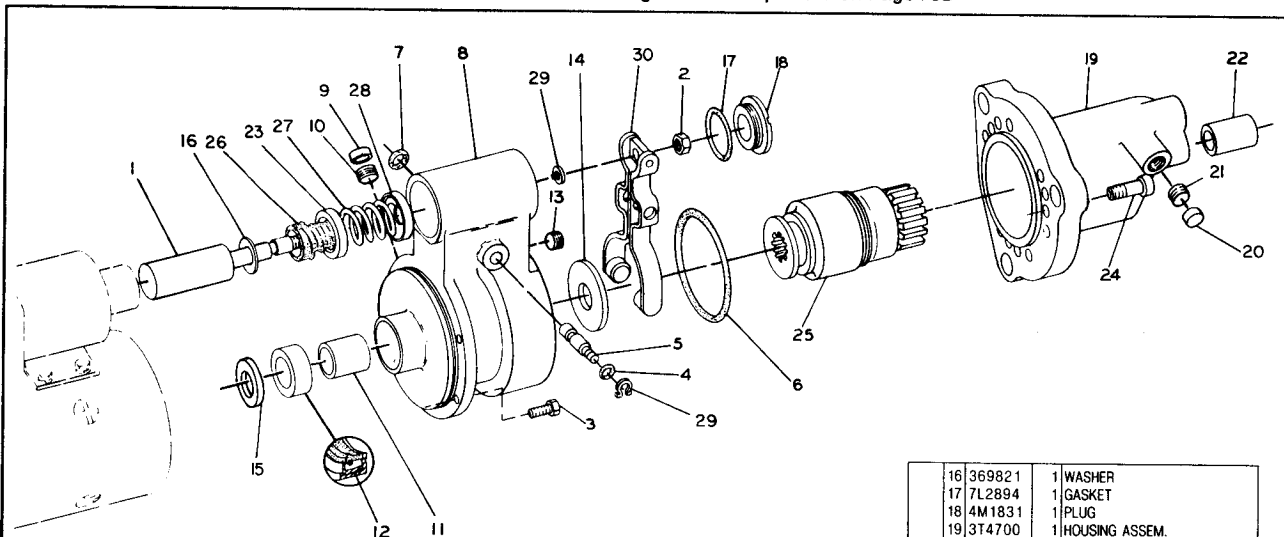
86A

310407



3T2647 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 2 of 3
 Serial No. 6X1170—Up
 Part of 4N3181 Electric Starting Motor Group listed on Page 78B

3T2647 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 3 of 3
Serial No. 6X1170—Up
Part of 4N3181 Electric Starting Motor Group listed on Page 78B

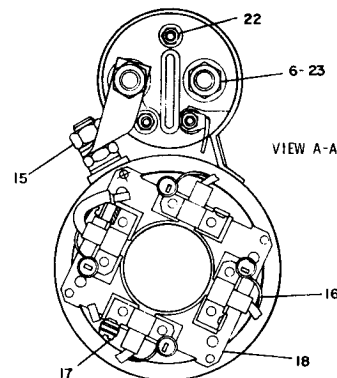
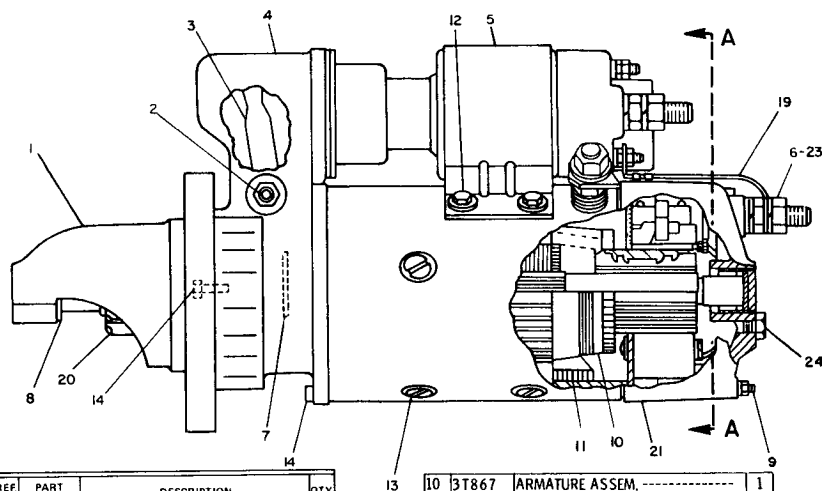


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9M7606	1	PLUNGER ASSEM.
	2	5M3034	1	LOCKNUT
	3	369823	5	BOLT
	4	2D6392	1	SEAL
	5	4M1854	1	SHAFT
	6	4M1851	1	GASKET
	7	1H1023	1	SEAL

8	3T4702	1	HOUSING ASSEM.
9	3T3423	1	CUP
10	3T3424	1	PLUG
11	9G9817	1	BUSHING
12	2F6678	1	SEAL
13	3T3433	1	PLUG
14	4L2729	1	WASHER
15	1M9971	1	SPACER

16	369821	1	WASHER
17	7L2894	1	GASKET
18	4M1831	1	PLUG
19	3T4700	1	HOUSING ASSEM.
20	3T3423	1	CUP
21	3T3424	1	PLUG
22	9G9818	1	BUSHING
23	4M1828	1	RETAINER
24	4M1833	5	SCREW 38MM(1.50IN.)LONG
	7M336	1	SCREW 22MM(.875IN.)LONG
25	6N3827	1	DRIVE ASSEM.
26	4M1829	1	BOOT
27	9M7609	1	SPRING
28	4M1827	1	RETAINER
29	9M7611	2	RING
30	4M1853	1	LEVER ASSEM.

310408



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3T7022	HOUSING ASSEM.-----	1
2	3T852	NUT-----	1
3	3T861	SCREW-----	1
3	3T863	LEVER-----	1
4	3T864	HOUSING ASSEM.-----	1
4	3T842	BEARING ASSEM.-----	1
5	3T868	SOLENOID ASSEM.-----	1
6	104719	NUT-----	2
7	3T7021	PLATE-----	2
8	3T7020	WASHER-----	1
9	3T847	SCREW-----	4
9	3T851	NUT-----	4

10	3T867	ARMATURE ASSEM.-----	1
11	3T865	COIL ASSEM.-----	1
12	3T7024	SCREW-----	4
12	484674	WASHER-----	4
13	3T850	SCREW-----	8
14	3T849	SCREW-----	12
15	3T853	NUT-----	2
15	3T858	SPRING-----	4
17	3T848	SCREW-----	4
18	3T862	PLATE ASSEM.-----	1
18	3T4716	WIRE ASSEM.-----	1
19	5P5621	WIRE-----2 m (7, 87 in.)	1
19	2L8071	TERMINAL----- (large)	1
19	2L8067	TERMINAL----- (small)	1

20	4N4517	DRIVE ASSEM.-----	1
21	3T7025	COVER-----	1
21	4B2049	NUT-----	1
22	3B4502	LOCKWASHER-----	1
23	3B4508	LOCKWASHER-----	2
24	3T7018	PLUG-----	1
24	3T7019	WASHER-----	1
	3T5962	NAMEPLATE-----	1
	2H3880	SCREW-----	2

THE FOLLOWING REPAIR KITS ARE AVAILABLE:

3T844	KIT----- (Brush- Includes brushes)	1
3T2768	KIT----- (Seal- Includes seals & rings)	1
3T2769	KIT----- (Hardware- Includes wire assem., nuts, washers, lock-washers, bushing, and bar)	1
3T7017	KIT----- (Bearing- Includes seal, bearings, & spacers)	1

F-NOT SHOWN

305337

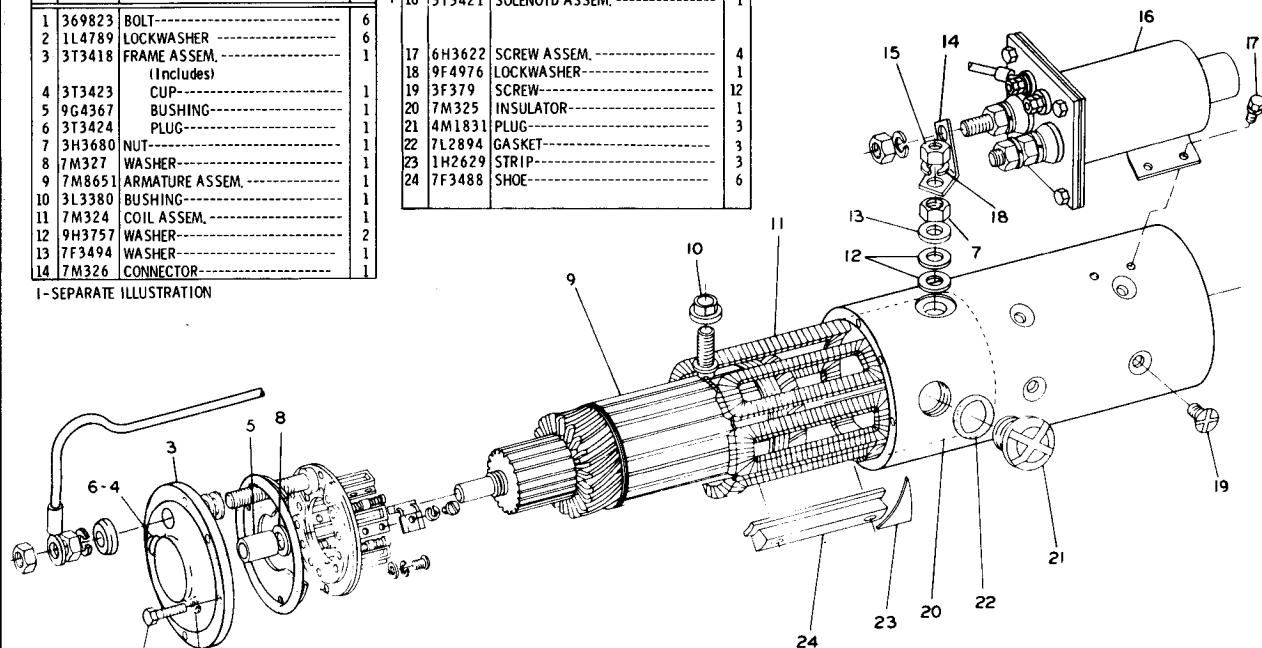
3T6305 ELECTRIC STARTING MOTOR GROUP—24 Volt
Serial No. 6X1170—Up
Part of 4N3181 Electric Starting Motor Group listed on Page 78B

3T2776 ELECTRIC STARTING MOTOR GROUP—Part 1 of 3—Replaced by 3T8946
Part of 8S3886 Electric Starting Motor Group on Page 78A
3T3421 Solenoid parts are shown on Page 87A. AN ATTACHMENT

REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	369823	BOLT-----	6
2	1L4789	LOCKWASHER-----	6
3	3T3418	FRAME ASSEM. (Includes)	1
4	3T3423	CUP-----	1
5	9G4367	BUSHING-----	1
6	3T3424	PLUG-----	1
7	3H3680	NUT-----	1
8	7M327	WASHER-----	1
9	7M8651	ARMATURE ASSEM.-----	1
10	3L3380	BUSHING-----	1
11	7M324	COIL ASSEM.-----	1
12	9H3757	WASHER-----	2
13	7F3494	WASHER-----	1
14	7M326	CONNECTOR-----	1

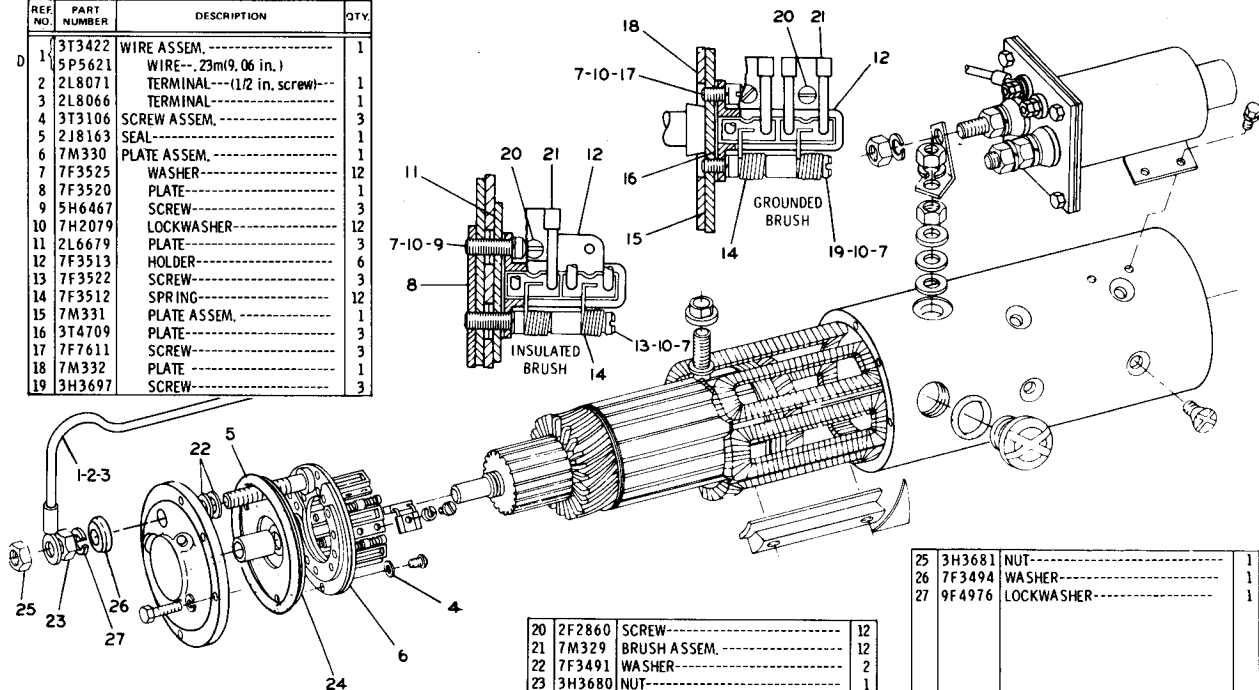
1-SEPARATE ILLUSTRATION

15	3H3681	NUT-----	1
16	3T3421	SOLENOID ASSEM.-----	1
17	6H3622	SCREW ASSEM.-----	4
18	9F4976	LOCKWASHER-----	1
19	3F379	SCREW-----	12
20	7M325	INSULATOR-----	1
21	4M1831	PLUG-----	3
22	7L2894	GASKET-----	3
23	1H2629	STRIP-----	3
24	7F3488	SHOE-----	6



183110

REF NO.	PART NUMBER	DESCRIPTION	QTY
D 1	3T3422	WIRE ASSEM.-----	1
1	5P5621	WIRE---.23m(9.06 in.)	
2	2L8071	TERMINAL---(1/2 in. screw)---	1
3	2L8066	TERMINAL-----	1
4	3T3106	SCREW ASSEM.-----	3
5	2J8163	SEAL-----	1
6	7M330	PLATE ASSEM.-----	1
7	7F3525	WASHER-----	12
8	7F3520	PLATE-----	1
9	5H6467	SCREW-----	3
10	7H2079	LOCKWASHER-----	12
11	2L6679	PLATE-----	3
12	7F3513	HOLDER-----	6
13	7F3522	SCREW-----	3
14	7F3512	SPRING-----	12
15	7M331	PLATE ASSEM.-----	1
16	3T4709	PLATE-----	3
17	7F7611	SCREW-----	3
18	7M332	PLATE-----	1
19	3H3697	SCREW-----	3



D-ORDER BY THE METER

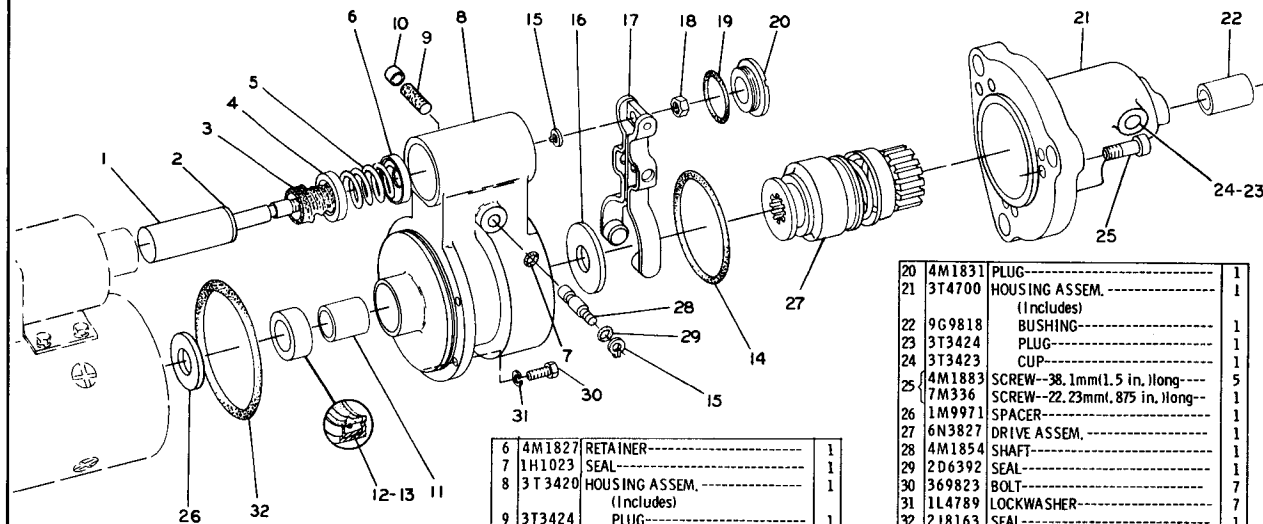
20	2F2860	SCREW-----	12
21	7M329	BRUSH ASSEM.-----	12
22	7F3491	WASHER-----	2
23	3H3680	NUT-----	1
24	6N3279	INSULATOR-----	1

25	3H3681	NUT-----	1
26	7F3494	WASHER-----	1
27	9F4976	LOCKWASHER-----	1

183111

3T2776 ELECTRIC STARTING MOTOR GROUP—Part 2 of 3—Replaced by 3T8946
 Part of 8S3886 Electric Starting Motor Group shown on Page 78A
 AN ATTACHMENT

3T2776 ELECTRIC STARTING MOTOR GROUP—Part 3 of 3—Replaced by 3T8946
Part of 8S3886 Electric Starting Motor Group shown on Page 78A
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M7606	PLUNGER ASSEM.-----	1
2	369821	WASHER-----	1
3	4M1829	BOOT-----	1
4	4M1828	RETAINER-----	1
5	9M7609	SPRING-----	1

6	4M1827	RETAINER-----	1
7	1H1023	SEAL-----	1
8	3T3420	HOUSING ASSEM.-----	1
		(Includes)	
9	3T3424	PLUG-----	1
10	3T3423	CUP-----	1
11	9G9817	BUSHING-----	1
12	2F6678	SEAL-----	1
13	3T3433	PLUG-----	1
14	4M1851	GASKET-----	1
15	9M7611	RING-----	2
16	4L2729	WASHER-----	1
17	4M1853	LEVER ASSEM.-----	1
18	5M3034	LOCKNUT-----	1
19	7L2894	GASKET-----	1

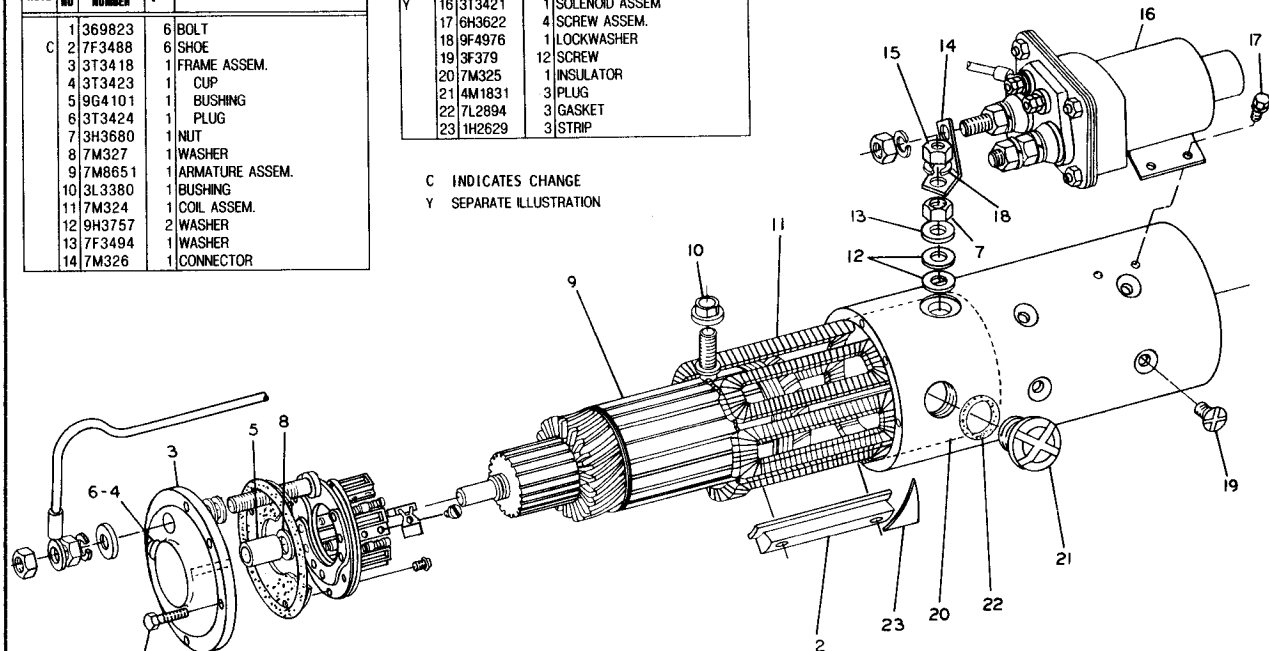
20	4M1831	PLUG-----	1
21	3T4700	HOUSING ASSEM.-----	1
		(Includes)	
22	9G9818	BUSHING-----	1
23	3T3424	PLUG-----	1
24	3T3423	CUP-----	1
25	4M1883	SCREW--38.1mm(1.5 in.)long-----	5
	7M336	SCREW--22.23mm(.875 in.)long-----	1
26	1M9971	SPACER-----	1
27	6N3827	DRIVE ASSEM.-----	1
28	4M1854	SHAFT-----	1
29	2D6392	SEAL-----	1
30	369823	BOLT-----	7
31	1L4789	LOCKWASHER-----	7
32	2J8163	SEAL-----	1

237244

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	C	1 369823	6 BOLT	
		2 7F3488	6 SHOE	
		3 3T3418	1 FRAME ASSEM.	
		4 3T3423	1 CUP	
		5 9G4101	1 BUSHING	
		6 3T3424	1 PLUG	
		7 3H3680	1 NUT	
		8 7M327	1 WASHER	
		9 7M8651	1 ARMATURE ASSEM.	
		10 3L3380	1 BUSHING	
		11 7M324	1 COIL ASSEM.	
		12 9H3757	2 WASHER	
		13 7F3494	1 WASHER	
		14 7M326	1 CONNECTOR	

Y	15 3H3681	1 NUT
	16 3T3421	1 SOLENOID ASSEM.
	17 6H3622	4 SCREW ASSEM.
	18 9F4976	1 LOCKWASHER
	19 3F379	12 SCREW
	20 7M325	1 INSULATOR
	21 4M1831	3 PLUG
	22 7L2894	3 GASKET
	23 1H2629	3 STRIP

C INDICATES CHANGE
Y SEPARATE ILLUSTRATION



317033

3T8946 ELECTRIC STARTING MOTOR GROUP-24 VOLT-PART 1 OF 3-REPLACES 3T2776

Part Of 8S3886 Electric Starting Motor Group Shown On Page 78B

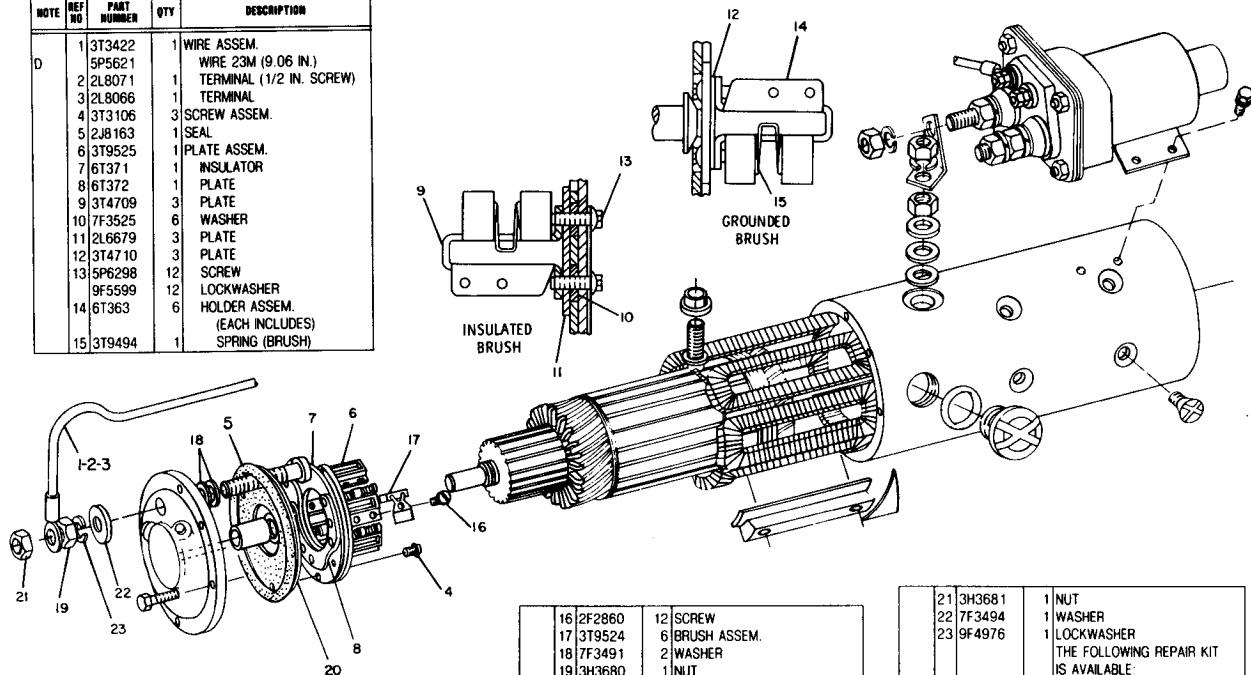
3T3421 Solenoid Parts Are Shown On Page 87A. An Attachment

3T8946 ELECTRIC STARTING MOTOR GROUP—24 Volt—Part 2 of 3—Replaces 3T2776
Part of 8S3886 Electric Starting Motor Group shown on Page 78B
AN ATTACHMENT

STARTING AND ELECTRICAL SYSTEM

86J

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
D	1	3T3422	1	WIRE ASSEM.
		5P5621		WIRE 23M (9.06 IN.)
	2	2L8071	1	TERMINAL (1/2 IN. SCREW)
	3	2L8066	1	TERMINAL
	4	3T3106	3	SCREW ASSEM.
	5	2J8163	1	SEAL
	6	3T9525	1	PLATE ASSEM.
	7	6T371	1	INSULATOR
	8	6T372	1	PLATE
	9	3T4709	3	PLATE
	10	7F3525	6	WASHER
	11	2L6679	3	PLATE
	12	3T4710	3	PLATE
	13	5P6298	12	SCREW
		9F5599	12	LOCKWASHER
	14	6T363	6	HOLDER ASSEM. (EACH INCLUDES)
	15	3T9494	1	SPRING (BRUSH)

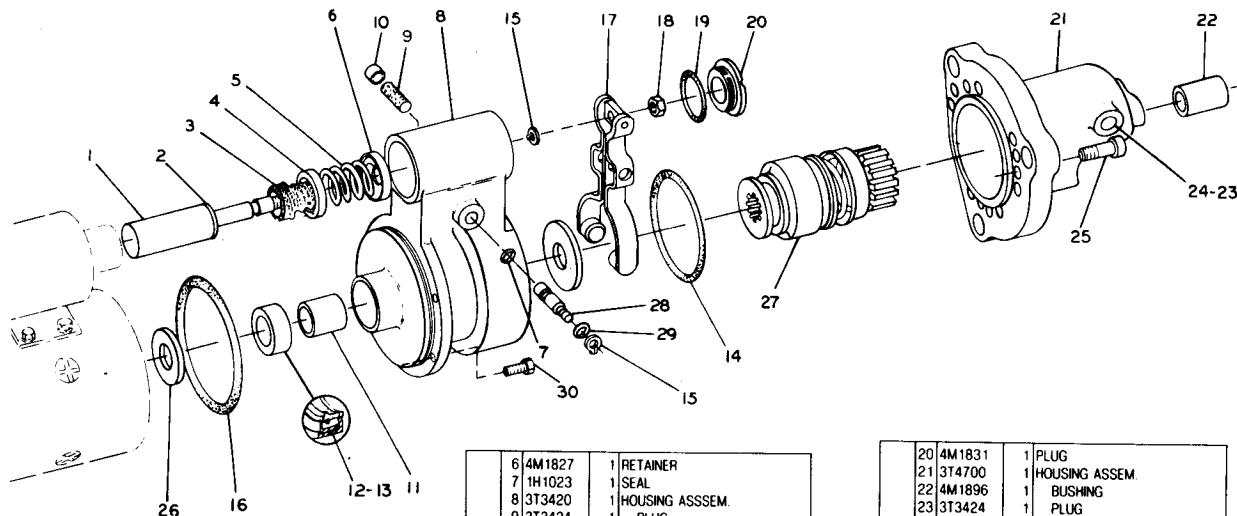


16	2F2860	12	SCREW
17	3T9524	6	BRUSH ASSEM.
18	7F3491	2	WASHER
19	3H3680	1	NUT
20	6N3279	1	INSULATOR

21	3H3681	1	NUT
22	7F3494	1	WASHER
23	9F4976	1	LOCKWASHER
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
	3N3763	1	KIT (TERMINAL INSULATOR)

D ORDER BY THE METER

308832



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9M7606	1	PLUNGER ASSEM.
	2	369821	1	WASHER
	3	4M1829	1	BOOT
	4	4M1828	1	RETAINER
	5	9M7609	1	SPRING

6	4M1827	1	RETAINER
7	1H1023	1	SEAL
8	3T3420	1	HOUSING ASSEM.
9	3T3424	1	PLUG
10	3T3423	1	CUP
11	1M9968	1	BUSHING
12	2F6678	1	SEAL
13	3T3433	1	PLUG
14	4M1851	1	GASKET
15	9M7611	2	RING
16	2JB163	1	SEAL
17	4M1853	1	LEVER ASSEM.
18	5M3034	1	LOCKNUT
19	7L2894	1	GASKET

20	4M1831	1	PLUG
21	3T4700	1	HOUSING ASSEM.
22	4M1896	1	BUSHING
23	3T3424	1	PLUG
24	3T3423	1	CUP
25	4M1833	5	SCREW
			38.1MM (1.5 IN.) LONG
	7M336	1	SCREW
			22.23MM (.875 IN.) LONG
26	1M9971	1	SPACER
27	6N3827	1	DRIVE ASSEM.
28	4M1854	1	SHAFT
29	2D6392	1	SEAL
30	369823	7	BOLT

308833

3T8946 ELECTRIC STARTING MOTOR GROUP—24 Volt—Part 3 of 3—Replaces 3T2776
 Part of 8S3886 Electric Starting Motor Group shown on Page 78B
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N1269	TERMINAL ASSEM.-----	1
2	4M1834	PLATE-----	1
3	7F4907	STRIP-----	1
4	3H3681	NUT-----	2
5	3B4508	LOCKWASHER-----	4
6	3H3680	NUT-----	2
7	7F3494	WASHER-----	2
8	4M1836	INSULATOR-----	2
9	4M1837	BUSHING-----	2
10	7F4906	STUD-----	1
11	4M2800	TERMINAL-----	1
12	7N1271	TERMINAL ASSEM.-----	1

12	4M5274	SCREW----- (hex head) --	1
		- OR -	
C 13	5P9132	SCREW----- (truss head) --	1
14	1P3879	LEAD ASSEM.-----	1
15	4M3217	SCREW-----	2
C 16	9G6770	CONTACT ASSEM.-----	1
17	4M1813	CASE ASSEM.-----	1
18	1F73	CLIP-----	2
19	4M1815	SPRING-----	1
20	9M7657	NUT-----	4
		- OR -	
	9S4489	SCREW ASSEM.-----	4
	9S4490	GASKET-----	4

C INDICATES CHANGE

228187

4M1812 SOLENOID SWITCH ASSEMBLY

Part of 4N3182 and 2P3926 Electric Starting Motor Groups shown on Pages 79 and 84

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9M7657	NUT-----	4
2	8S8023	COVER ASSEM.-----	1
3	8S8024	GASKET----- (Part of 8S8023 Cover Assem.)	1
4	9B7235	SCREW-----	1
5	9M7233	LOCKWASHER-----	1
6	8S1528	BOOT-----	1
7	8S8021	CORE ASSEM.-----	1

The following Repair Kits are available:

8S1524-KIT-----	(Terminal Stud-Battery)-----	1
8S1525-KIT-----	(Terminal Stud-Motor)-----	1
9S8688-KIT-----	(Core-Contact End)-----	1
8S1527-KIT-----	(Core-Yoke End)-----	1

C INDICATES CHANGE

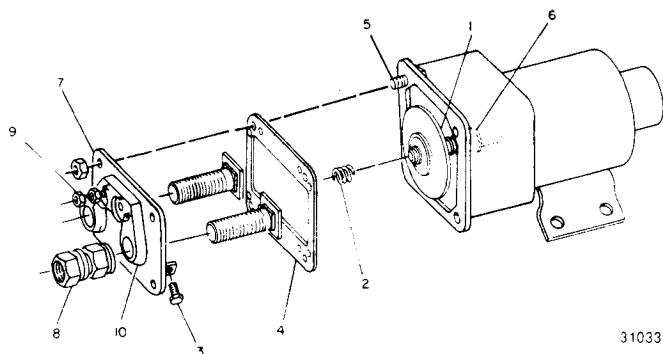
115899

9S7976 SOLENOID SWITCH ASSEMBLY

Part of 9G4338 Electric Starting Motor Group shown on Page 82

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9G6770	1	CONTACT ASSEM.
	2	4M1815	1	SPRING
	3	4M5274	3	SCREW
	4	6T1121	1	GASKET
	5	454065	4	SCREW
		4B4274	8	WASHER
		6V8378	4	NUT
	6	6T1120	1	BUSHING

7	6T1124	1	TERMINAL ASSEM.
8	3H3680	3	NUT
	4B4280	3	WASHER
	9F4976	2	LOCKWASHER
9	4B2049	3	NUT
	4B4274	3	WASHER
	3B4502	2	LOCKWASHER
10	6T362	1	INSULATOR



310335

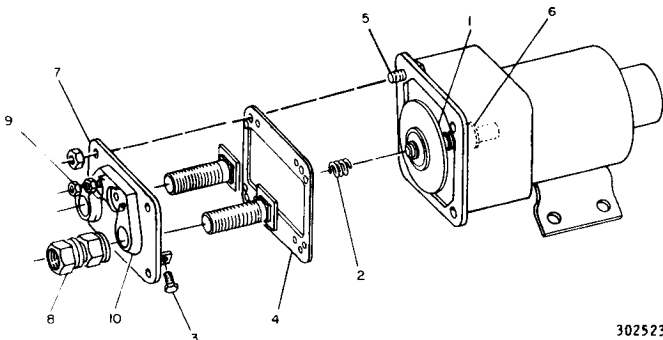
3T4704 SOLENOID ASSEMBLY—24 Volt

Serial No. 6X1170—Up

Part of 3T2647 Electric Starting Motor Group shown on Page 86A

REF NO	PART NUMBER	DESCRIPTION	QTY
1	9G6770	CONTACT ASSEM. -----	1
2	4M1815	SPRING -----	1
3	4M5274	SCREW -----	3
4	6T1121	GASKET -----	1
5	454065	SCREW -----	4
	4B4274	WASHER -----	8
	4B2049	NUT -----	4
6	6T1120	BUSHING -----	1

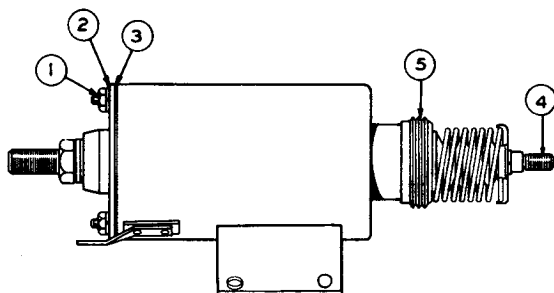
7	6T1119	TERMINAL ASSEM. -----	1
		(Includes) -----	
8	3H3680	NUT -----	3
	4B4280	WASHER -----	3
	9F4976	LOCKWASHER -----	2
	4B2049	NUT -----	3
9	4B4274	WASHER -----	3
	3B4502	LOCKWASHER -----	2
10	6T362	INSULATOR -----	1
	SMHS7843	FORM -----	1
		(Installing Solenoid Assem.) -----	



302523

3T3421 SOLENOID ASSEMBLY

Part of 3T2776 & 3T3421 Electric Starting Motor Groups shown on Pages 86E & 86H
Also provides Field Replacement for 3T4704. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M7657	NUT-----	4
2	8S8023	COVER ASSEM.----- (Includes)	1
3	8S8024	GASKET-----	1
4	3T3370	CORE ASSEM.-----	1
5	8S1528	BOOT-----	1

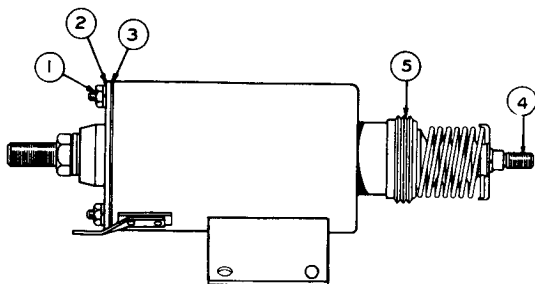
The following Repair Kits are available:

8S1524-KIT-----	(Terminal Stud-Battery)-----	1
8S1525-KIT-----	(Terminal Stud-Motor)-----	1
9S8688-KIT-----	(Core-Contact End)-----	1
8S1527-KIT-----	(Core-Yoke End)-----	1

181240

3T3369 SOLENOID SWITCH ASSEMBLY

Part of 9G4338 Electric Starting Motor Group shown on Page 83A



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9M7657	NUT-----	4
2	8S8023	COVER ASSEM.----- (Includes)	1
3	8S8024	GASKET-----	1
4	3T3370	CORE ASSEM.-----	1
5	8S1528	BOOT-----	1

THE FOLLOWING REPAIR KITS
ARE AVAILABLE:

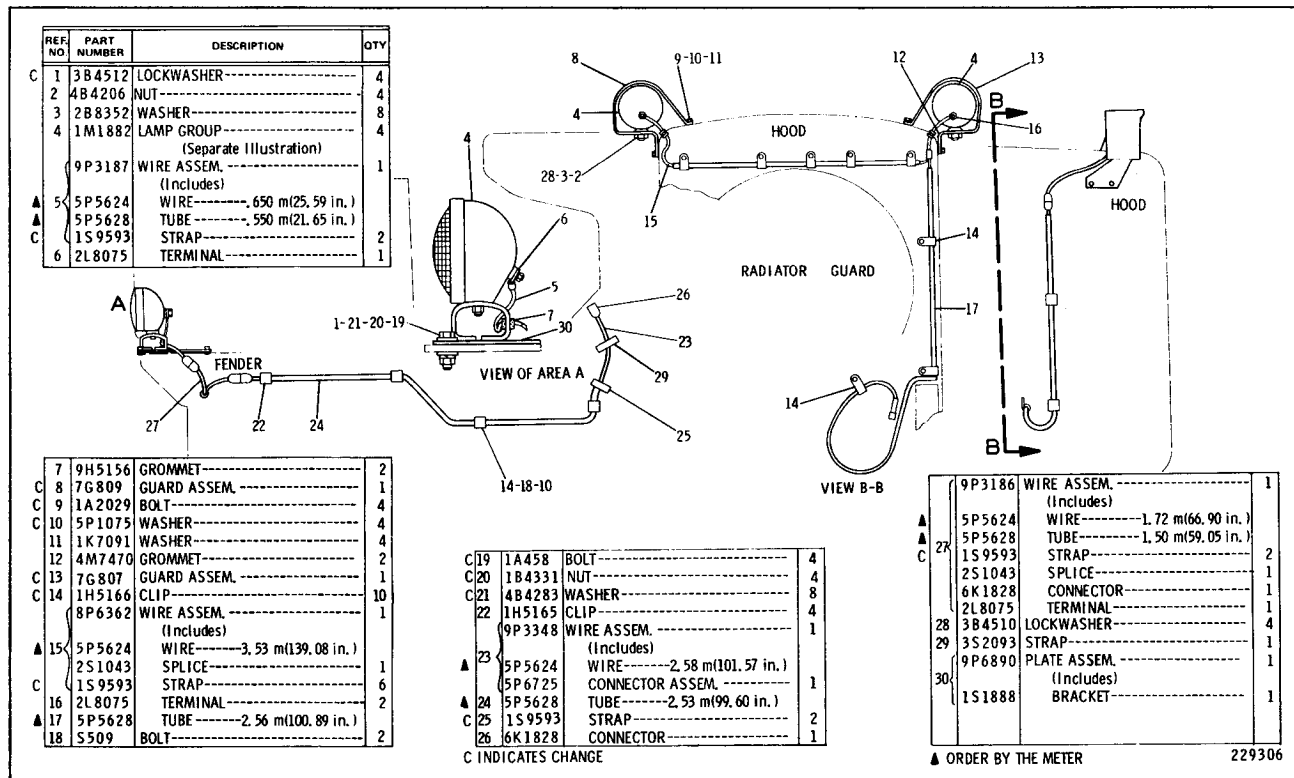
C 6T3701-KIT-----	(Terminal)-----	1
9S8688-KIT-----	(Core-Contact End)-----	1
8S1527-KIT-----	(Core-Yoke End)-----	1

C INDICATES CHANGE

305791

3T8635 SOLENOID SWITCH ASSEMBLY—24 Volt

Part of 9G4338 Electric Starting Motor Group shown on Page 83C



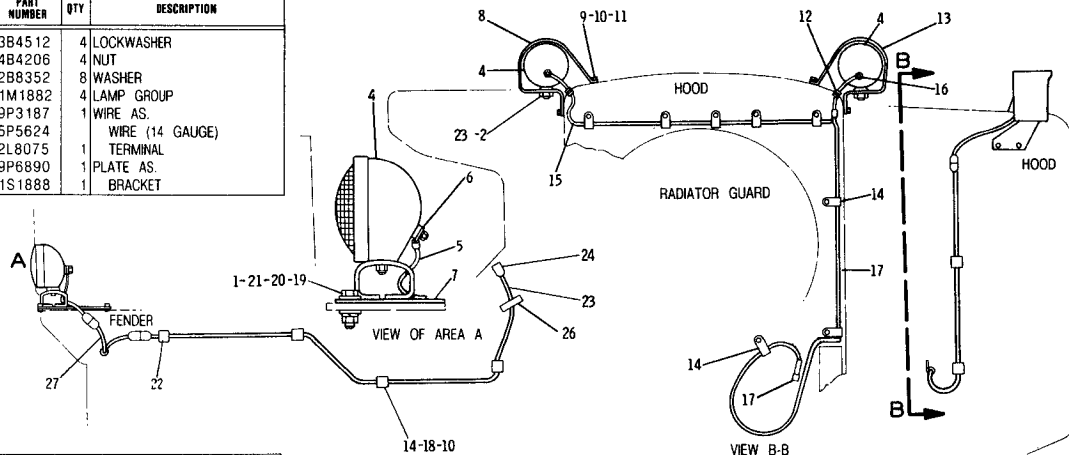
8P6570 LIGHTING GROUP—4 Lamp—24 Volt—Type 1
 FOR USE WITHOUT ROPS
 1M1882 Lamp parts are shown on Page 91
 AN ATTACHMENT

8P6570 LIGHTING GROUP-4 LAMP-24 VOLT-TYPE 2
 For Use Without ROPS. 1M1882 Lamp Parts Are Shown On Page 91.An Attachment

STARTING AND ELECTRICAL SYSTEM

88A

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	3B4512	4	LOCKWASHER
	2	4B4206	4	NUT
Y	3	2B8352	8	WASHER
	4	1M1882	4	LAMP GROUP
BD	5	9P3187	1	WIRE AS.
		5P5624		WIRE (14 GAUGE)
	6	2L8075	1	TERMINAL
	7	9P6890	1	PLATE AS.
		1S1888	1	BRACKET



C	8	7G0809	1	GUARD AS.
C	9	1A2029	4	BOLT
C	10	5P1075	4	WASHER
	11	1K7091	4	WASHER
C	12	4M7470	2	GROMMET
C	13	7G0807	1	GUARD AS.
C	14	1H5166	10	CLIP
	15	8P6362	1	WIRE AS.
BD		5P5624		WIRE (14 GAUGE)
		2S1043	1	SPLICE
C		1S9593	6	STRAP
	16	2L8075	2	TERMINAL
C		5P5610	1	CONNECTOR
	18	0S0509	2	BOLT

B USE AS REQUIRED

C	19	1A0458	4	BOLT
C	20	1B4331	4	NUT
C	21	4B4283	8	WASHER
	22	1H5165	4	CLIP
	23	9P3348	1	WIRE AS.
BD		5P5624		WIRE (14 GAUGE)
C		5P5610	1	CONNECTOR
BCD	24	6N9587	1	CONNECTOR
C	25	3B4510	4	LOCKWASHER
	26	6N9587	1	STRAP

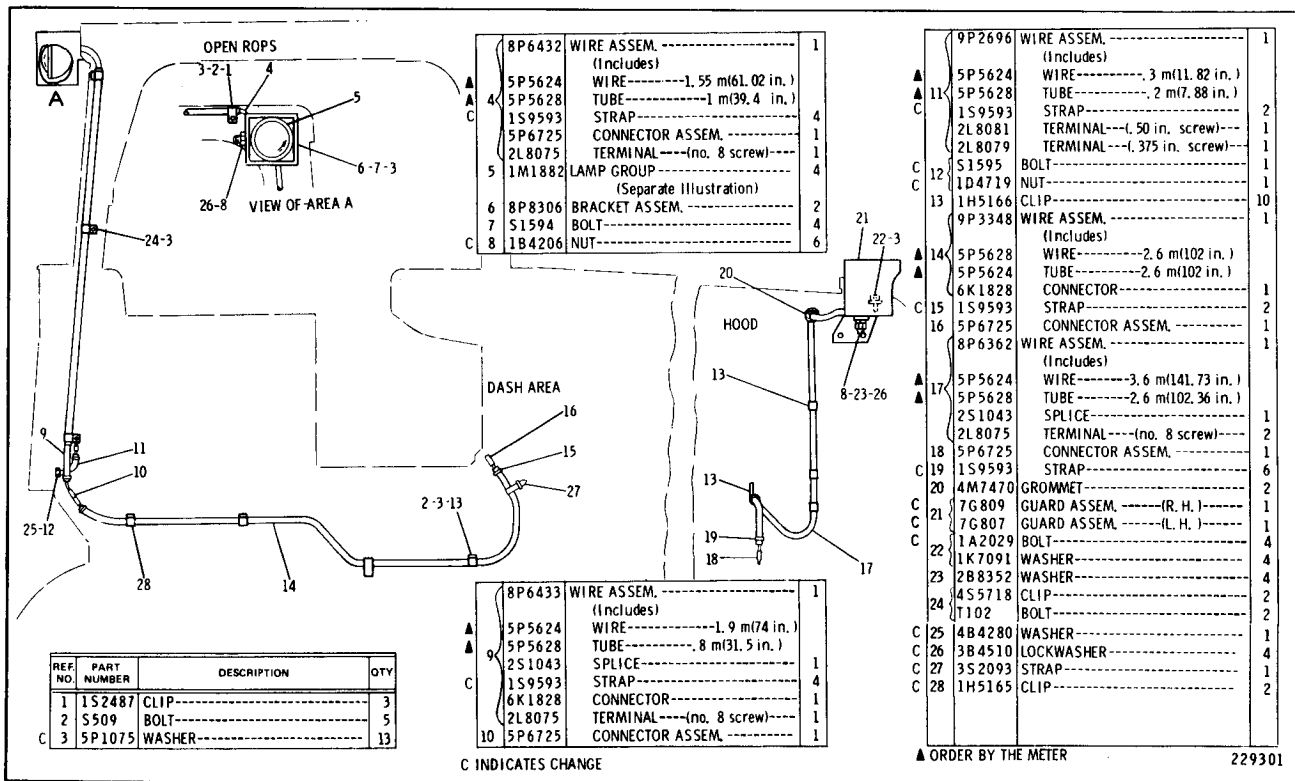
C INDICATES CHANGE

BCD	27	9P3186	1	WIRE AS.
C		5P5624		WIRE (14 GAUGE)
C		5P5610	1	CONNECTOR (SMALL)
		6N9587	1	CONNECTOR (LARGE)
		2L8075	1	TERMINAL

D ORDER BY THE METER

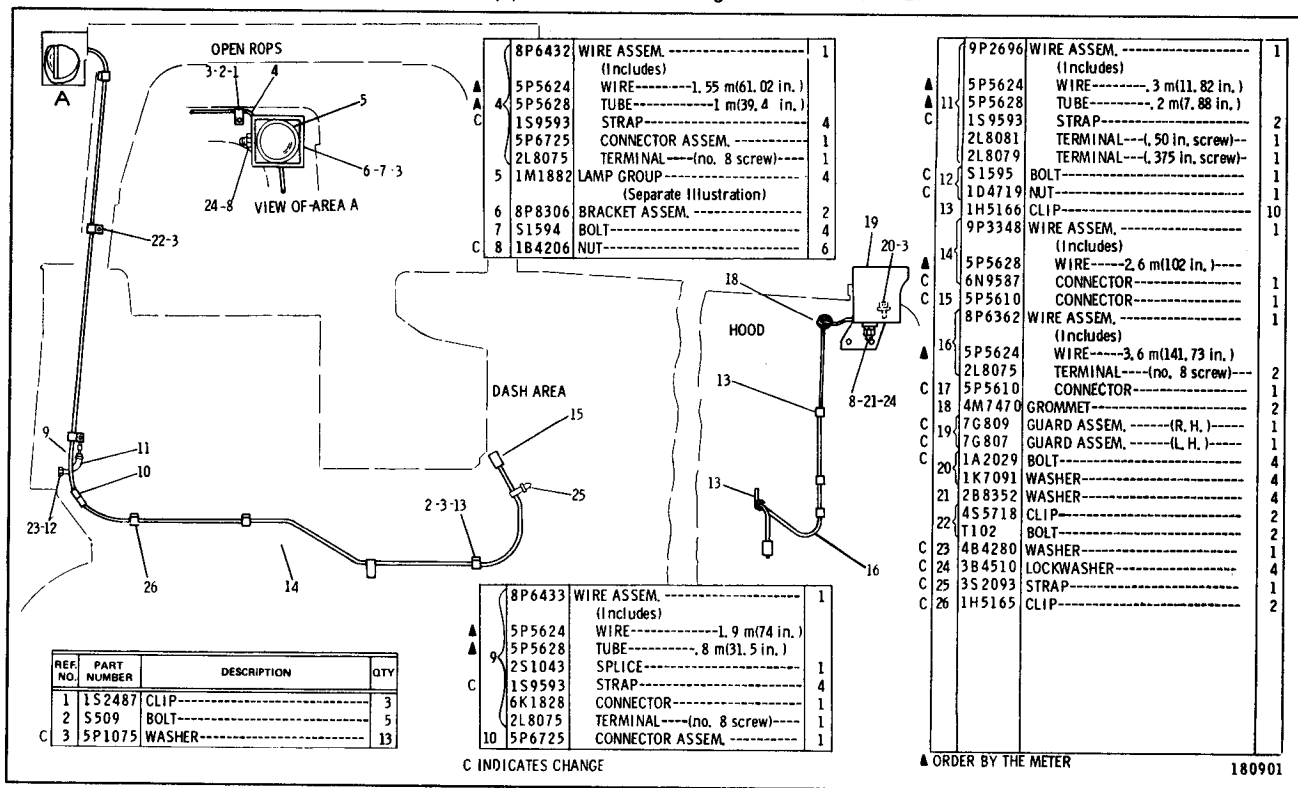
316627

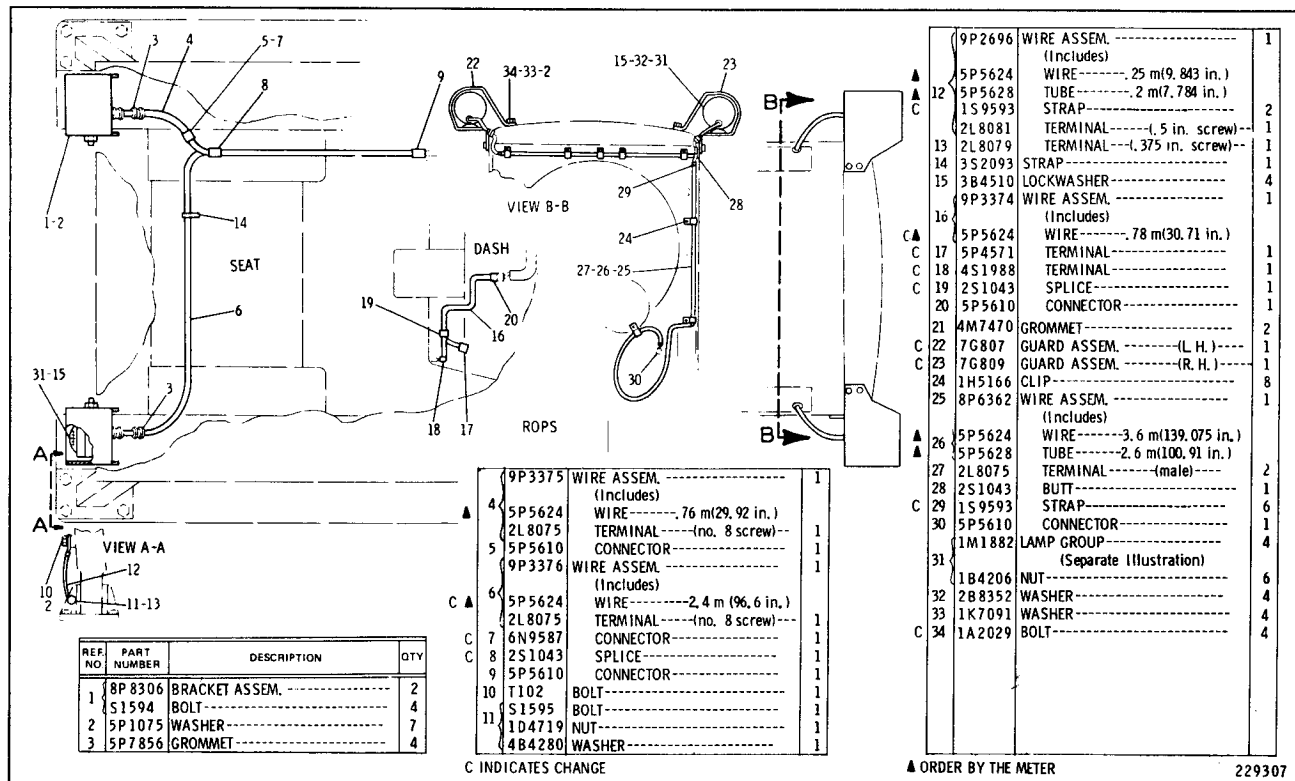
8P6569 LIGHTING GROUP—4 Lamp—24 Volt—Type 1
FOR USE WITH OPEN ROLL-OVER PROTECTIVE STRUCTURE AND SWEEPS
1M1882 Lamp parts are shown on Page 91. AN ATTACHMENT



STARTING AND ELECTRICAL SYSTEM

8P6569 LIGHTING GROUP—4 Lamp—24 Volt—Type 2
FOR USE WITH OPEN ROPS AND SWEEPS
1M1882 Lamp parts are shown on Page 91. AN ATTACHMENT





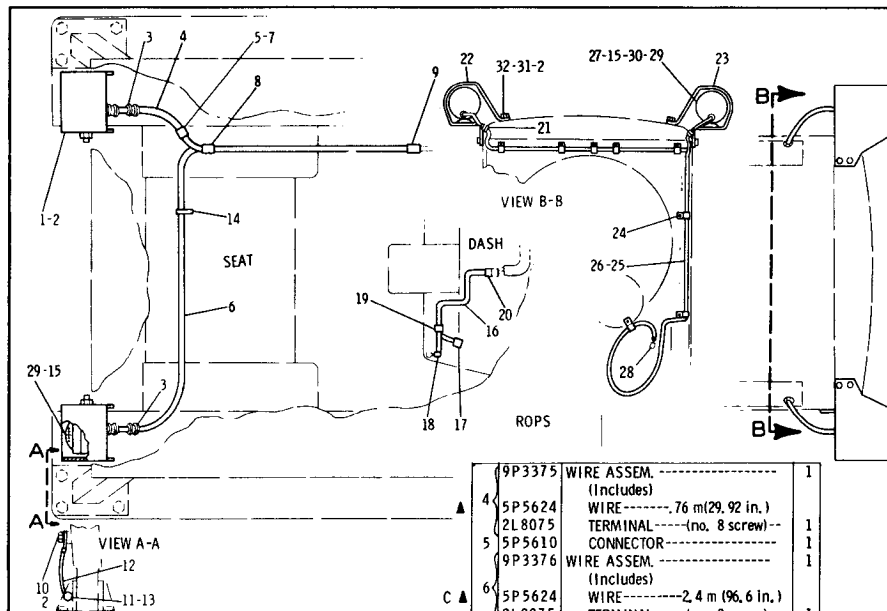
C INDICATES CHANGE

▲ ORDER BY THE METER

229307

9P3386 LIGHTING GROUP—4 Lamp—24 Volt—Type 1
 FOR USE WITH ENCLOSED ROPS
 1M1882 Lamp parts are shown on Page 91. AN ATTACHMENT

9P3386 LIGHTING GROUP—4 Lamp—24 Volt—Type 2
FOR USE WITH ENCLOSED ROPS
1M1882 Lamp parts are shown on Page 91. AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	8P 8306	BRACKET ASSEM.	2
2	S1594	BOLT	4
3	5P1075	WASHER	7
4	5P7856	GROMMET	4

4	9P3375	WIRE ASSEM.	1
		(Includes)	
	5P5624	WIRE	1
	2L8075	TERMINAL	1
	5P5610	CONNECTOR	1
	9P3376	WIRE ASSEM.	1
		(Includes)	
	5P5624	WIRE	1
	2L8075	TERMINAL	1
	6N9587	CONNECTOR	1
	2S1043	SPLICE	1
	5P5610	CONNECTOR	1
	T102	BOLT	1
	S1595	BOLT	1
	1D4719	NUT	1
	4B4280	WASHER	1

C INDICATES CHANGE

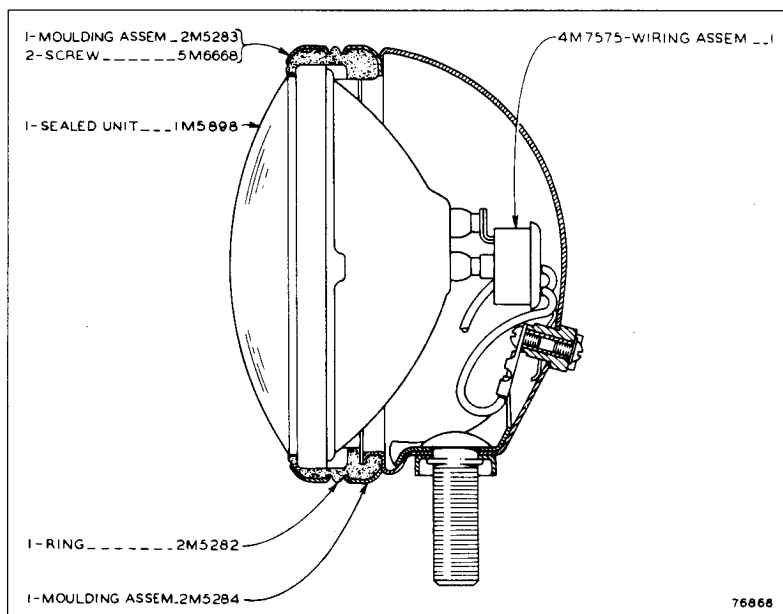
12	9P2696	WIRE ASSEM.	1
		(Includes)	
	5P5624	WIRE	1
	5P5628	TUBE	2
	1S9593	STRAP	1
	2L8081	TERMINAL	1
	2L8079	TERMINAL	1
	3S2093	STRAP	1
	3B4510	LOCKWASHER	4
	9P3374	WIRE ASSEM.	1
		(Includes)	
	5P5624	WIRE	1
	5P4571	TERMINAL	1
	4S1988	TERMINAL	1
	2S1043	SPLICE	1
	5P5610	CONNECTOR	1
	4M7470	GROMMET	2
	7G807	GUARD ASSEM.	1
	7G809	GUARD ASSEM.	1
	1H5166	CLIP	8
	8P6362	WIRE ASSEM.	1
		(Includes)	
	5P5624	WIRE	1
	2L8075	TERMINAL	2
	5P5610	CONNECTOR	1
	1M1882	LAMP GROUP	4
		(Separate Illustration)	
	1B4206	NUT	6
	2B8352	WASHER	4
	1K7091	WASHER	4
	1A2029	BOLT	4

▲ ORDER BY THE METER

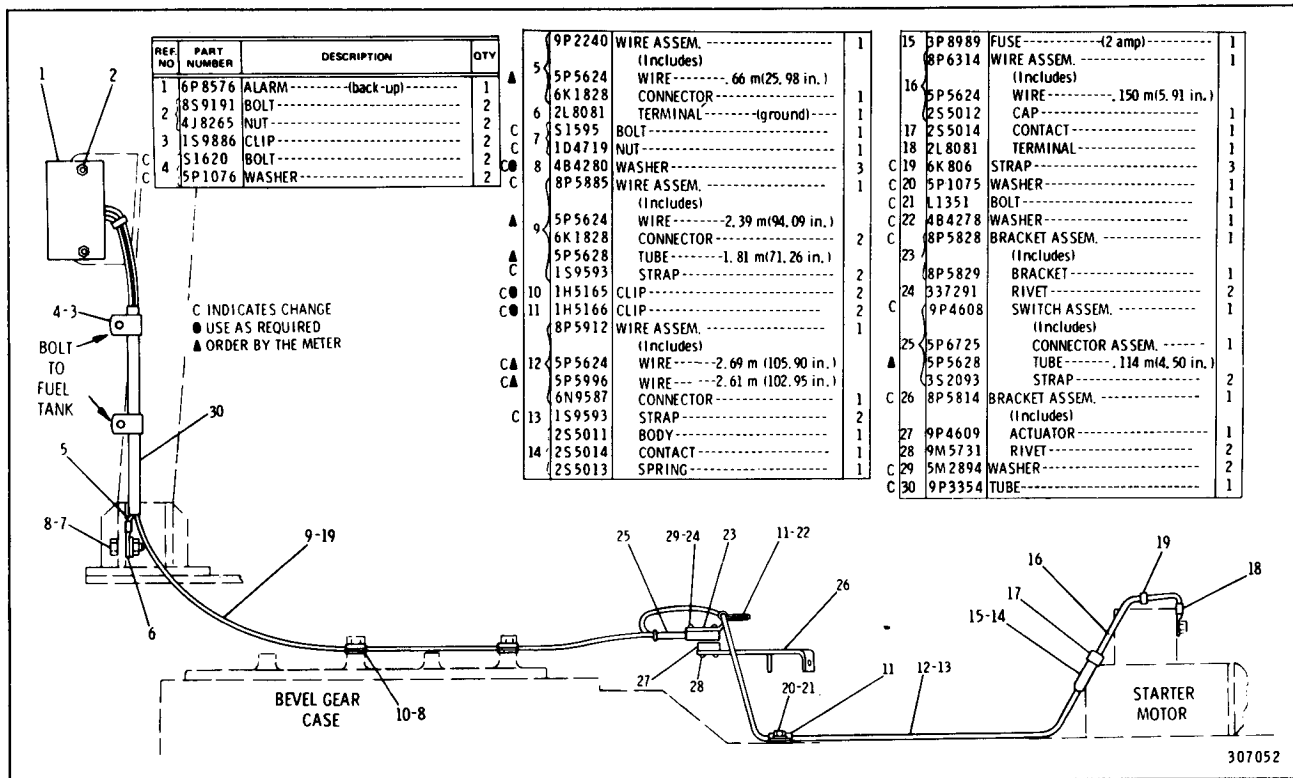
180900

STARTING AND ELECTRICAL SYSTEM

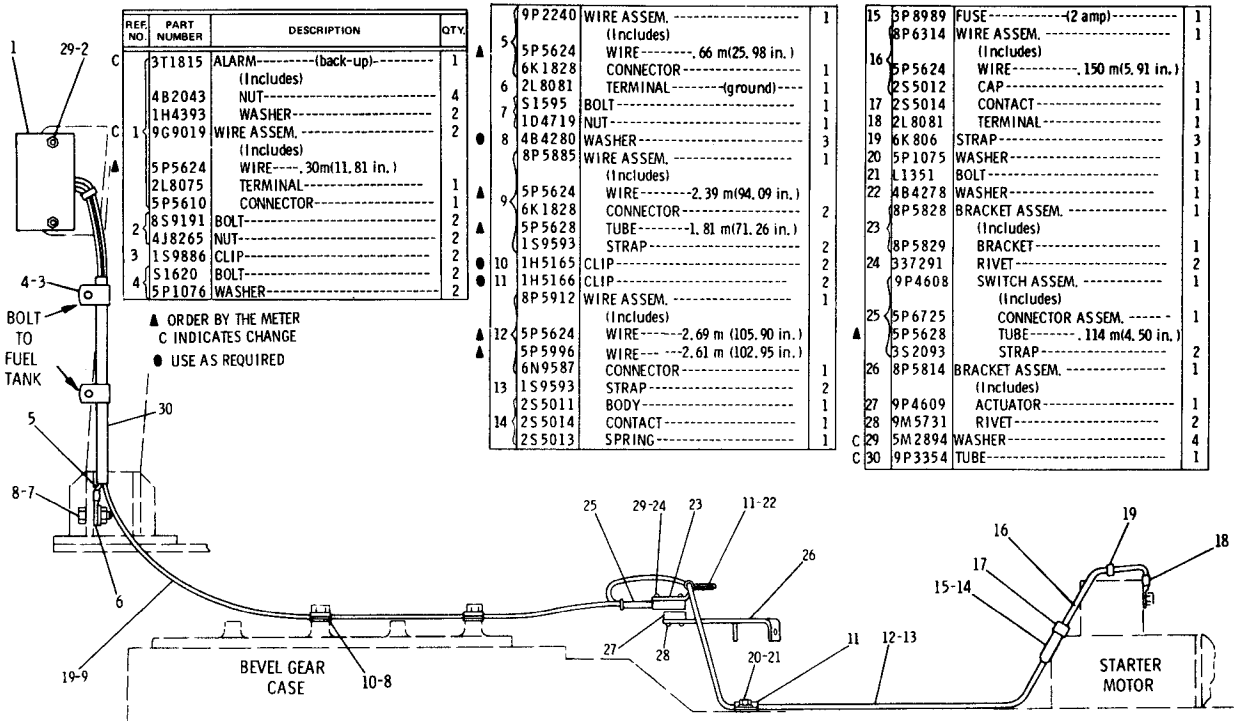
90A

**1M1882 FLOOD LAMP ASSEMBLY**

Part of 8P6570, 8P6569 and 9P3386 Lighting Groups shown on Pages 88, 89 and 90
AN ATTACHMENT



8P7063 BACK-UP WARNING GROUP
Serial No. 6X1306—Up

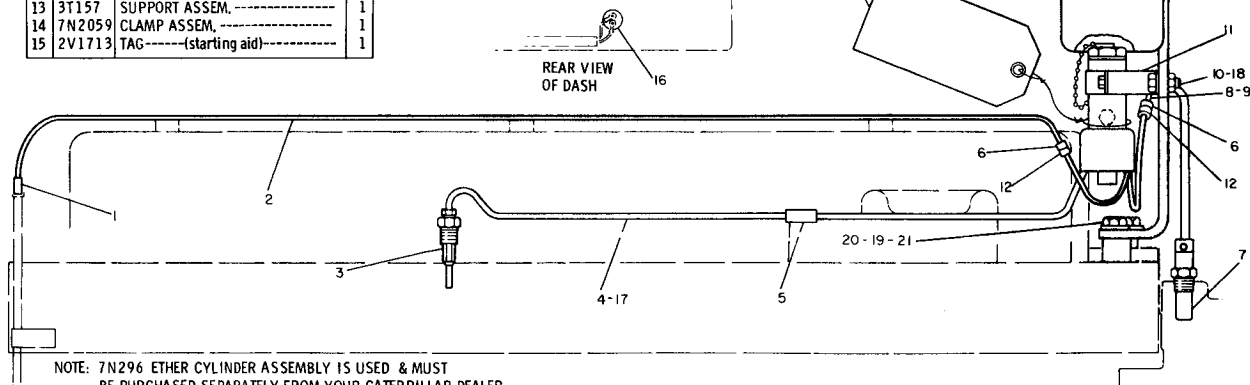


307054

9G4706 ETHER STARTING AID GROUP AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P5610	CONNECTOR-----	1
2	5P5624	WIRE-----, 8 m (31, 5 in.)	1
3	6N9995	ATOMIZER ASSEM.-----	1
4	9P3121	TUBE-----	1
5	2B2404	CLIP-----	1
6	3D5102	GROMMET-----	1
7	6N9587	CONNECTOR-----	2
8	6N5899	SWITCH----- (temperature)-----	1
9	5P5624	WIRE-----, 11 m (4, 34 in.)	1
10	2L8075	TERMINAL-----	1
11	S1618	BOLT-----	4
12	1D4716	NUT-----	4
13	6N7674	VALVE ASSEM.----- (24 volt)----- (Includes)	1
14	5P5610	CONNECTOR-----	2
15	3T157	SUPPORT ASSEM.-----	1
16	7N2059	CLAMP ASSEM.-----	1
17	2V1713	TAG----- (starting aid)-----	1

16	3T306	SWITCH----- (starting aid)-----	1
17	5P7907	CONNECTOR-----	1
18	5P6313	NUT-----	1
19	5P6314	SLEEVE-----	1
20	5P4116	WASHER-----	4
21	S1587	BOLT---44mm(1.75 in.)long---	1
22	188074	WASHER---13 mm(.531 in.)thick---	1
23	5P8245	WASHER---3mm(.118 in.)thick---	2
24	1A1460	BOLT---50, 8 mm(2 in.)long---	1
25	1P2841	SPACER-----	1



NOTE: 7N296 ETHER CYLINDER ASSEMBLY IS USED & MUST
BE PURCHASED SEPARATELY FROM YOUR CATERPILLAR DEALER.

C INDICATES CHANGE

▲ ORDER BY THE METER

178435

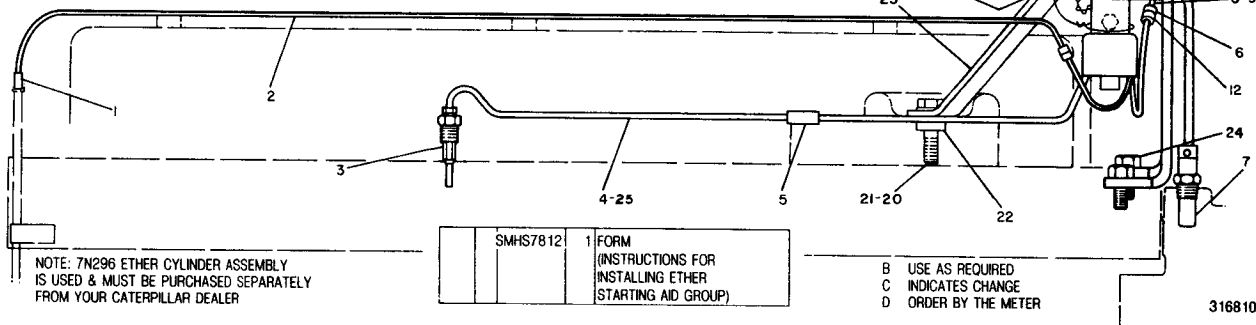
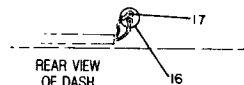
9G4706 ETHER STARTING AID GROUP—TYPE 2
An Attachment

STARTING AND ELECTRICAL SYSTEM

93B

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
D	1	5P5610	1	CONNECTOR
	2	5P5624	1	WIRE .8M (31.5 IN.)
	3	6N9995	1	ATOMIZER ASSEM.
	4	9P3121	1	TUBE
	5	2B2404	1	CLIP
C	6	3D5102	1	GROMMET
	6	6N9587	2	CONNECTOR
	7	6N5899	1	SWITCH (WATER TEMP.)
	8	6V8376	1	SCREW
	9	9B7233	1	LOCKWASHER
D	8	5P5624	1	WIRE .11M (4.34 IN.)
C	9	2L8075	1	TERMINAL
C	10	S1618	6	BOLT
C	10	1D4716	6	NUT
C	11	6N7674	1	VALVE ASSEM. (24 VOLT)
	12	5P5610	2	CONNECTOR
	13	5T157	1	SUPPORT ASSEM.
	14	7N2059	2	CLAMP ASSEM.
	15	2V1713	1	TAG (STARTING AID)

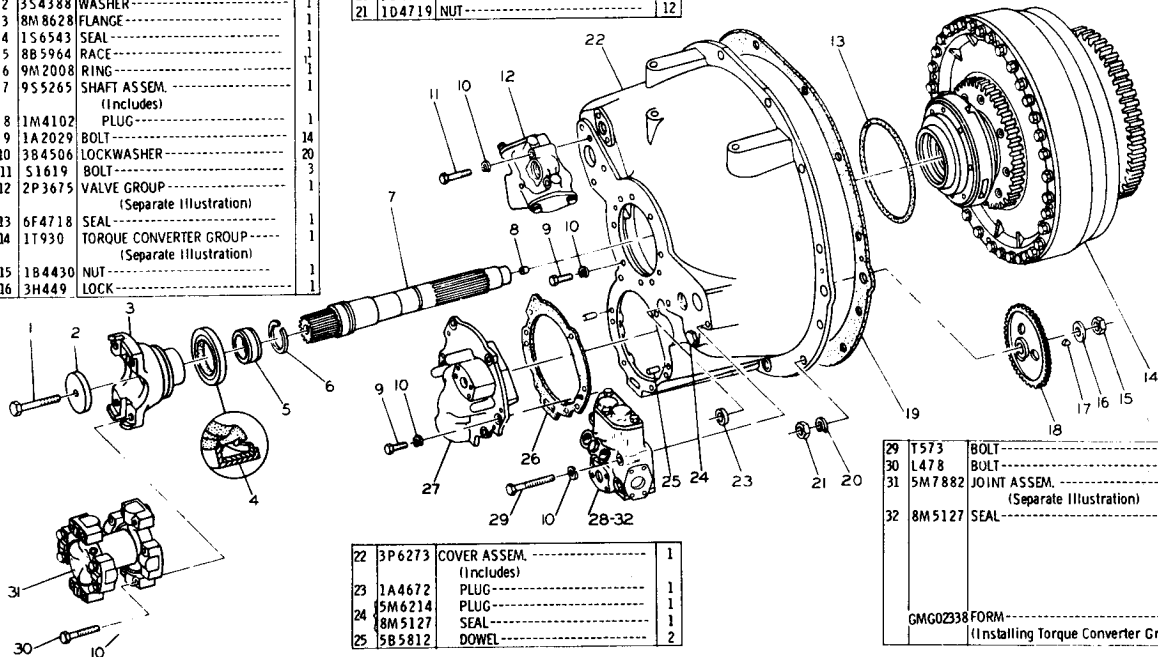
C	16	3T3453	1	SWITCH (STARTING AID)
C		6V8370	1	NUT
C		2H3922	1	LOCKWASHER
C	17	6V8363	2	SCREW
C		8F1434	2	LOCKWASHER
C	18	5P4116	6	WASHER
C	19	S1594	1	BOLT
C	20	S1591	1	BOLT
C	21	5M2894	2	WASHER
CB	22	2A4256	1	SPACER
C	23	3T1417	1	BRACE
C	24	6H1717	2	BOLT
C	25	5P7907	1	CONNECTOR
		5P6313	1	NUT
		5P6314	1	SLEEVE



REF NO	PART NUMBER	DESCRIPTION	QTY
1	L139	BOLT-----	1
2	3S4388	WASHER-----	1
3	8M8628	FLANGE-----	1
4	1S6543	SEAL-----	1
5	8B5964	RACE-----	1
6	9M2008	RING-----	1
7	9S5265	SHAFT ASSEM.-----	1
		(Includes)	
8	1M4102	PLUG-----	1
9	1A2029	BOLT-----	14
10	3B4506	LOCKWASHER-----	20
11	51619	BOLT-----	3
12	2P3675	VALVE GROUP-----	1
		(Separate Illustration)	
13	6F4718	SEAL-----	1
14	1T930	TORQUE CONVERTER GROUP-----	1
		(Separate Illustration)	
15	1B4430	NUT-----	1
16	3H449	LOCK-----	1

17	1B8705	KEY-----	1
18	5M5822	GEAR----- (43 teeth)	1
19	5M6604	GASKET-----	1
20	3B4508	LOCKWASHER-----	12
21	1D4719	NUT-----	12

26	4M5876	GASKET-----	1
27	5M7864	PUMP GROUP-----	1
28	9P1533	VALVE GROUP-----	1
		(Separate Illustration)	



22	3P6273	COVER ASSEM.-----	1
		(Includes)	
23	1A4672	PLUG-----	1
24	5M6214	PLUG-----	1
25	8M5127	SEAL-----	1
26	5B5812	DOWEL-----	2

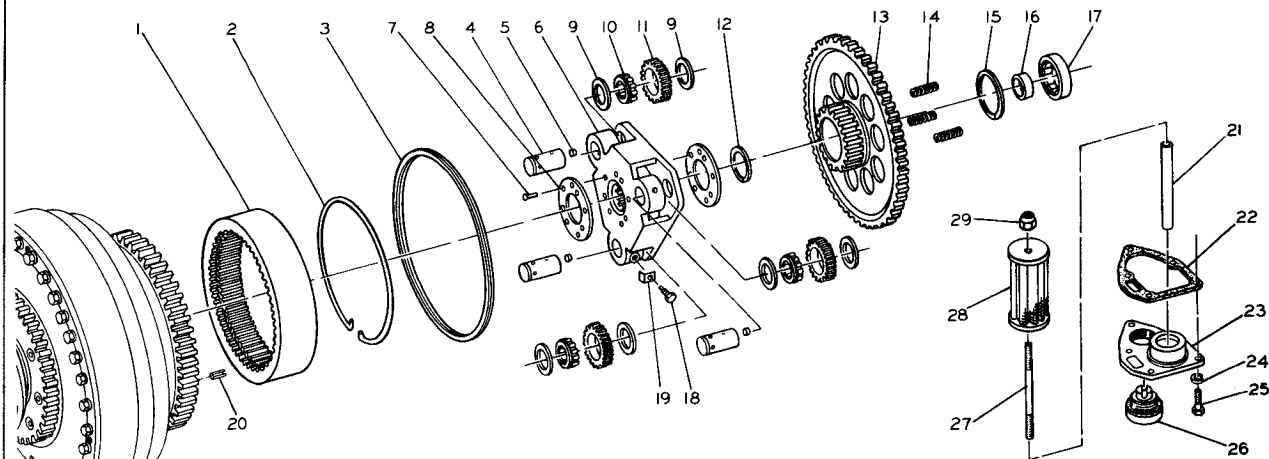
29	T573	BOLT-----	3
30	L478	BOLT-----	8
31	5M7882	JOINT ASSEM.-----	1
		(Separate Illustration)	
32	8M5127	SEAL-----	1
		GMG02338 FORM-----	
		(Installing Torque Converter Group)	1

C INDICATES CHANGE

214591

9P2633 TORQUE DIVIDER GROUP — Part 1
 1T930 Torque Converter, 2P3675, 9P1533 Valve, 5M7864 Pump and 5M7882 Joint parts
 are shown on Pages 96 through 98

9P2633 TORQUE DIVIDER GROUP — Part 2



REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1 5M6208	GEAR----- (82 Teeth)-----	1
	2 5M7878	RING-----	1
	3 9M1976	RING-----	1
C	4 5M6158	SHAFT-----	3
C	5 2A3746	PLUG-----	3
C	6 9S5267	CARRIER ASSEM.-----	1
C	7 5P6943	RIVET-----	5
	8 8P1958	WASHER-----	2

C	9 7G892	WASHER-----	6
	10 2S669	BEARING ASSEM.-----	3
C	11 7G2474	GEAR----- (23 Teeth)-----	3
	12 5H6480	RING-----	1
	13 9M2028	GEAR----- (66 Teeth)-----	1
	14 1K7041	SPRING-----	3
	15 2D1523	RING-----	1
	16 9M2014	RACE-----	1
	17 9H8712	BEARING ASSEM.-----	1
	18 1K6978	SCREW-----	3
	19 5M7877	LOCK-----	3
	20 2K5986	PIN-----	2

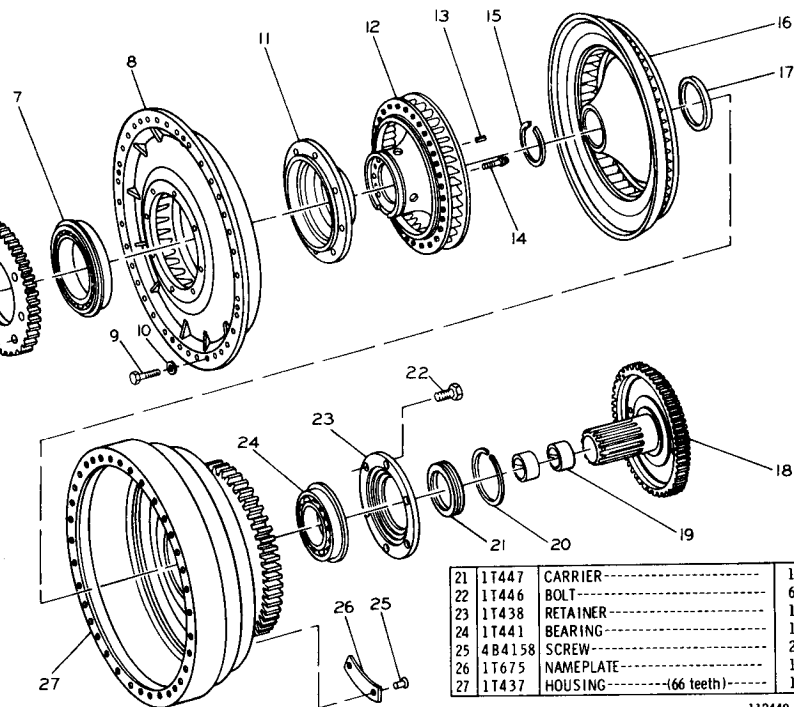
	21 3H1846	SPACER-----	1
	22 5M5064	GASKET-----	1
	23 5M5071	COVER-----	1
	24 3B4506	LOCKWASHER-----	5
	25 1A2029	BOLT-----	5
	26 8B6599	PLUG-----	1
	27 1L1124	GASKET-----	1
	28 9B1484	STUD-----	1
	29 4H2978	SCREEN ASSEM.-----	1
	29 2F8616	NUT-----	1
		(Mounted on flywheel housing)	

C INDICATES CHANGE

229690

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1K6986	RING-----	1
2	5H1901	RACE AND ROLLER ASSEM.-----	1
3	1T443	CARRIER ASSEM.-----	1
4	1T69	RING-----	2
5	1T436	GEAR----- (64 teeth)	1
6	1T448	BOLT-----	8
7	1T425	BEARING-----	1
8	1T51	WHEEL-----	1

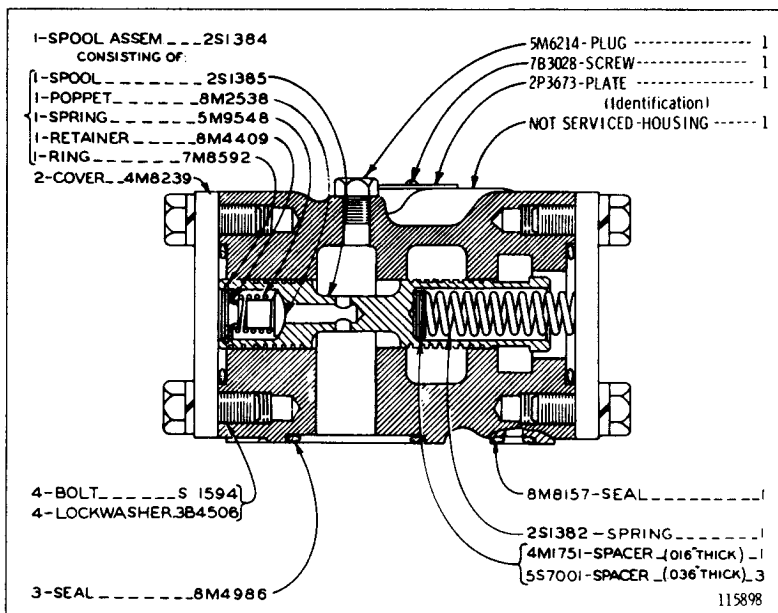
9	4B3388	BOLT-----	36
10	1T738	WASHER-----	36
11	1T64	CARRIER-----	1
12	1T937	WHEEL ASSEM.-----	1
13	4H1440	PIN-----	6
14	1T414	BOLT-----	8
15	3F3727	RING-----	1
16	1T52	WHEEL-----	1
17	1T599	SPACER-----	1
18	1T421	FLANGE ASSEM.-----	1
19	1T902	BEARING-----	2
20	1T97	RING-----	1



21	1T447	CARRIER-----	1
22	1T446	BOLT-----	6
23	1T438	RETAINER-----	1
24	1T441	BEARING-----	1
25	4B4158	SCREW-----	2
26	1T675	NAMEPLATE-----	1
27	1T437	HOUSING----- (66 teeth)	1

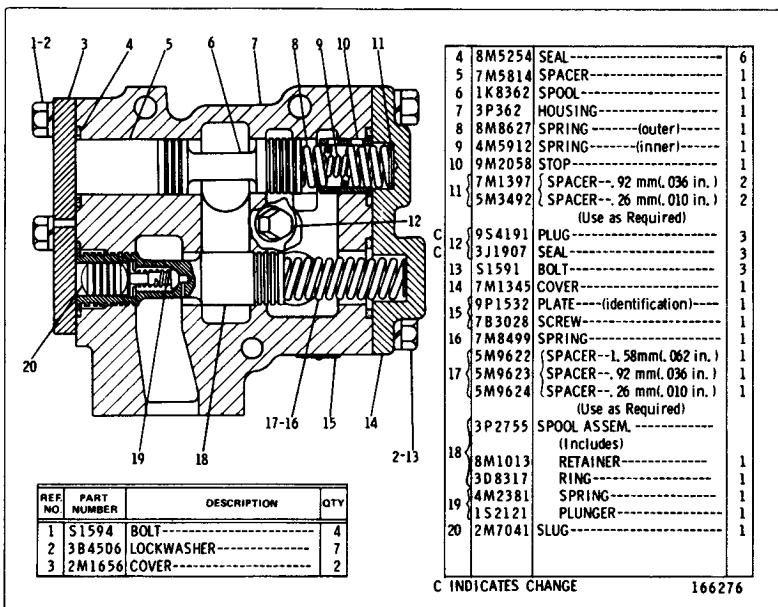
112440

1T930 TORQUE CONVERTER GROUP
Torque Converter Serial No. 50T1-Up
Part of 9P2633 Torque Divider Group shown on Page 94



2P3675 RELIEF VALVE GROUP

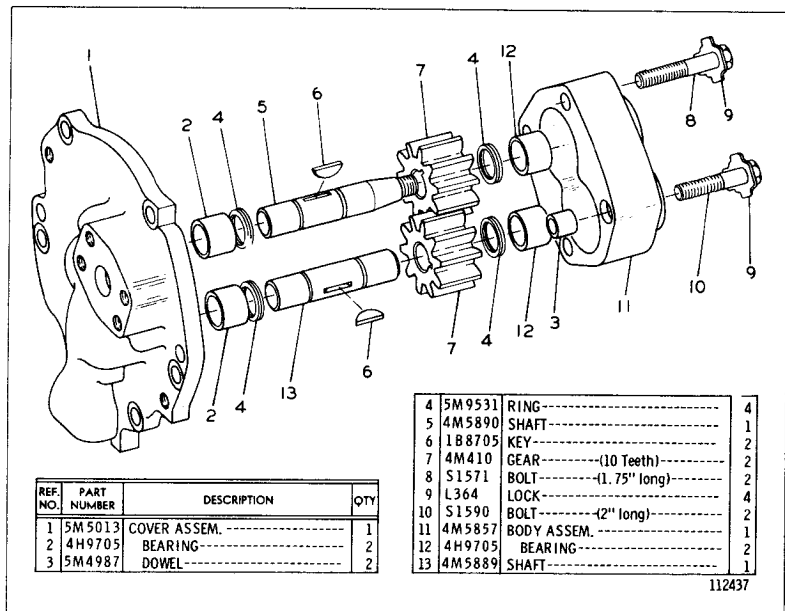
Part of 9P2633 Torque Divider Group shown on Page 94



9P1553 RELIEF VALVE GROUP

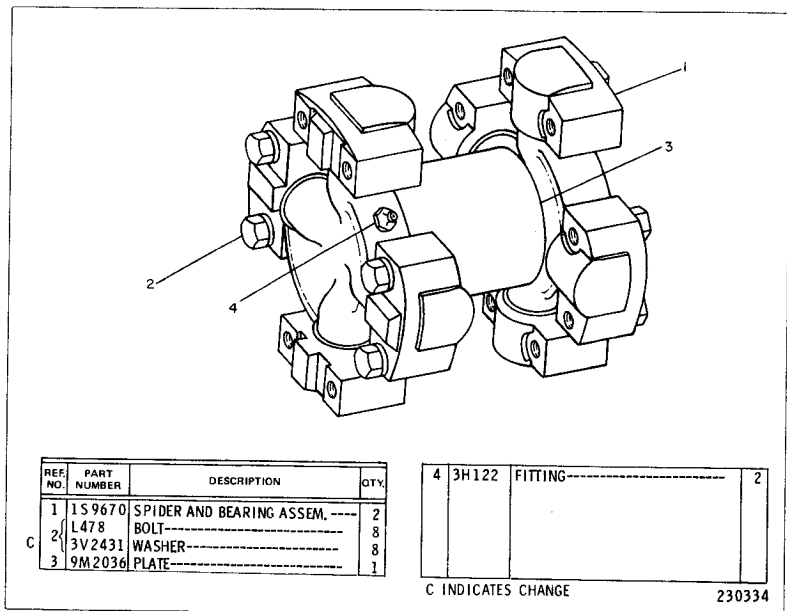
Part of 9S2633 Torque Divider Group shown on Page 94

CATERPILLAR D6D LGP TRACTOR



5M7864 SCAVENGE PUMP GROUP

Part of 9P2633 Torque Divider Group shown on Page 94



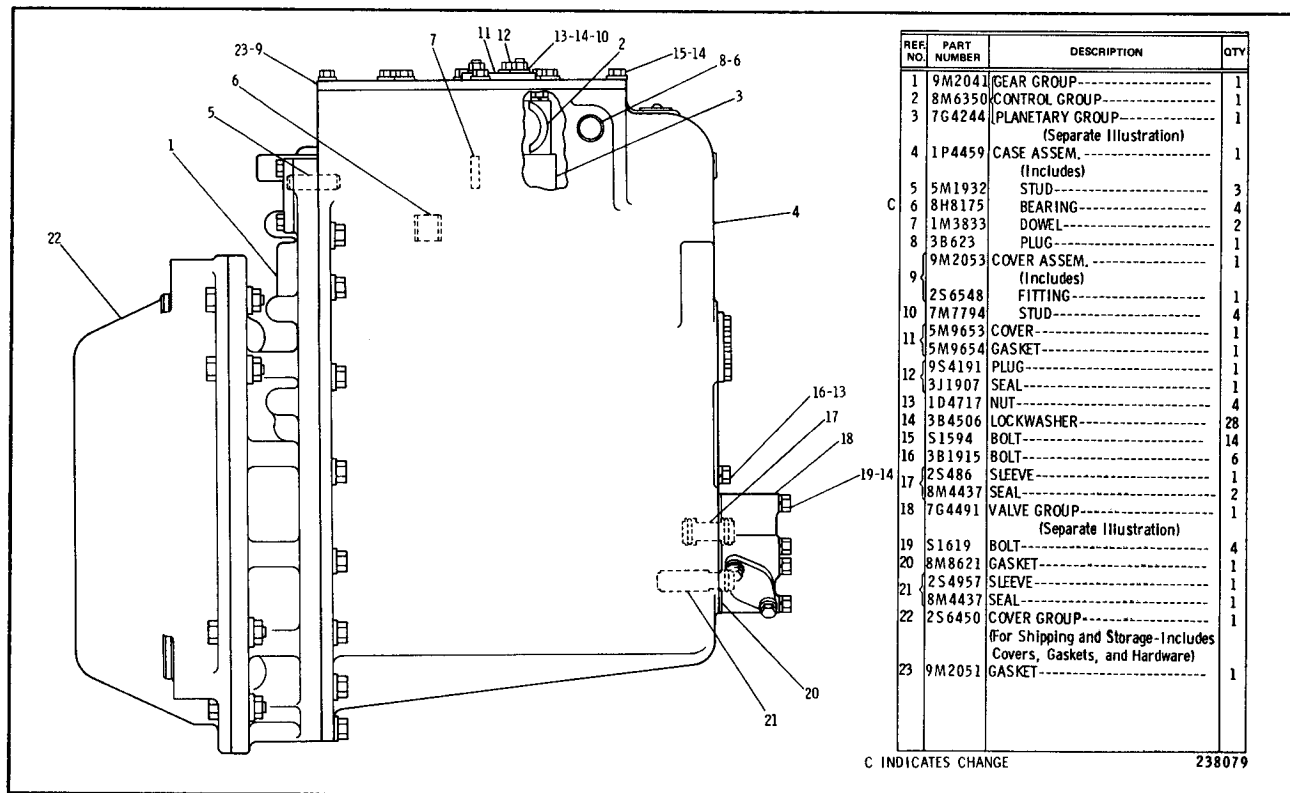
5M7882 UNIVERSAL JOINT ASSEMBLY

Part of 9P2633 Torque Divider Group shown on Page 94

7G4245 TRANSMISSION ARRANGEMENT

Transmission Serial No. 2HA1-Up

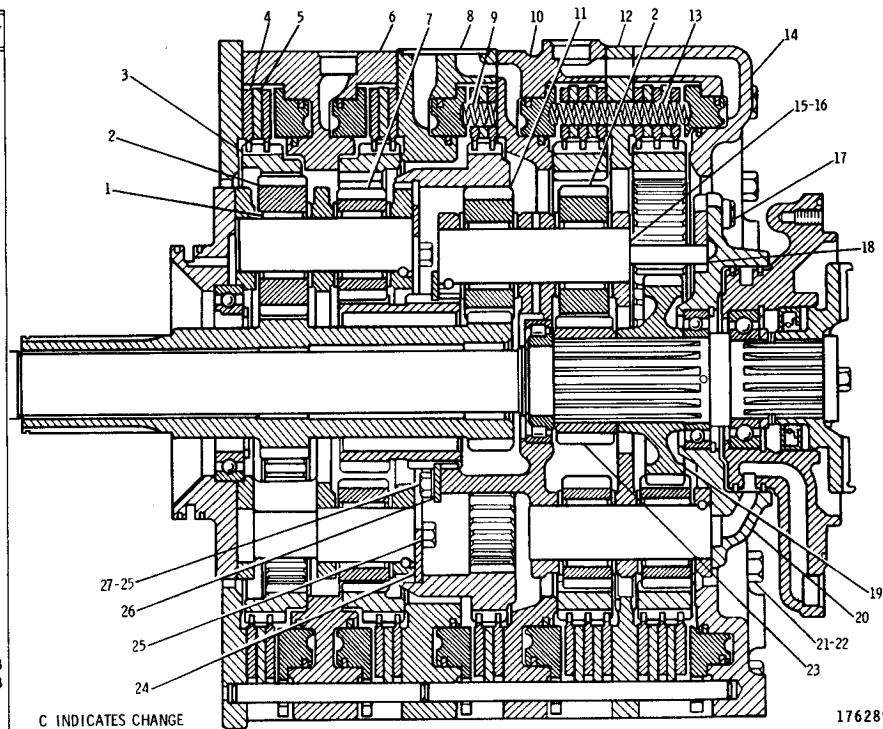
7G4244-Page 100,8M6350-Page 103,7G4491-Page 108,9M2041-Page 109



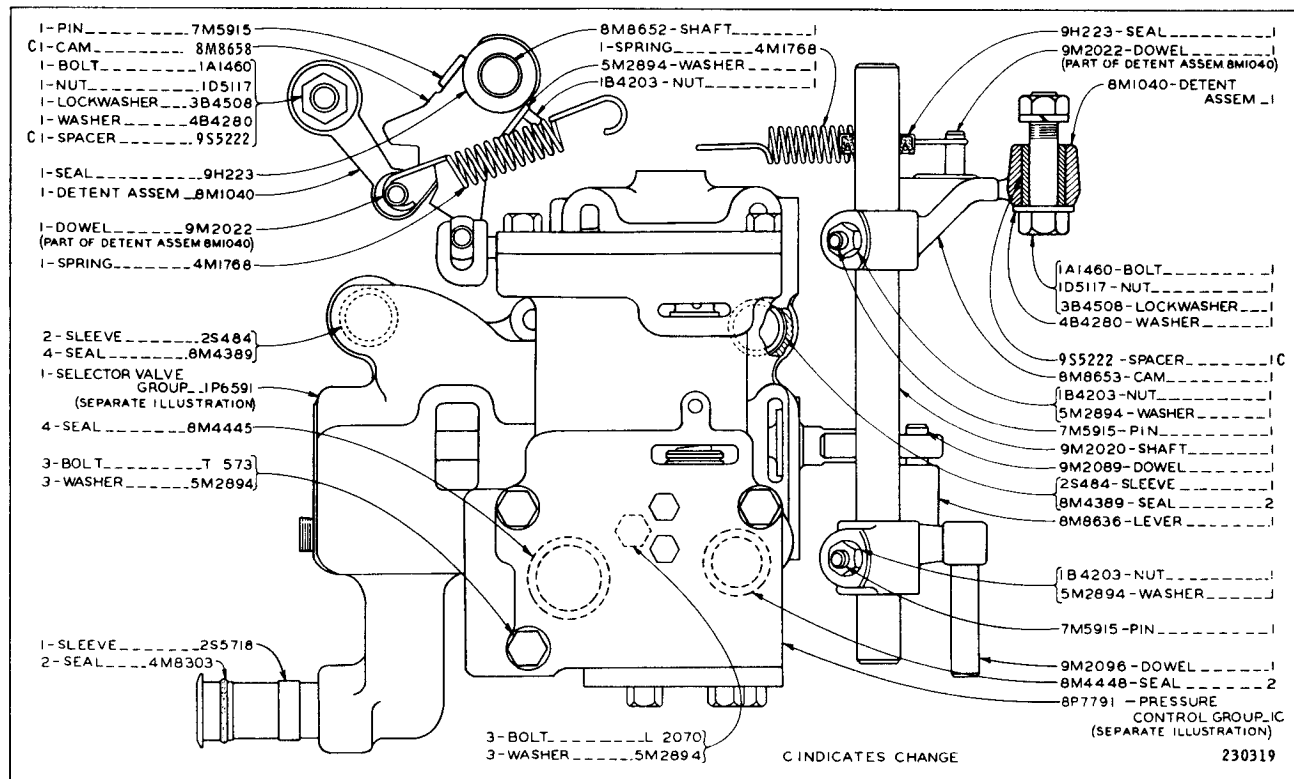
POWER TRAIN-POWER TRANSMISSION UNIT

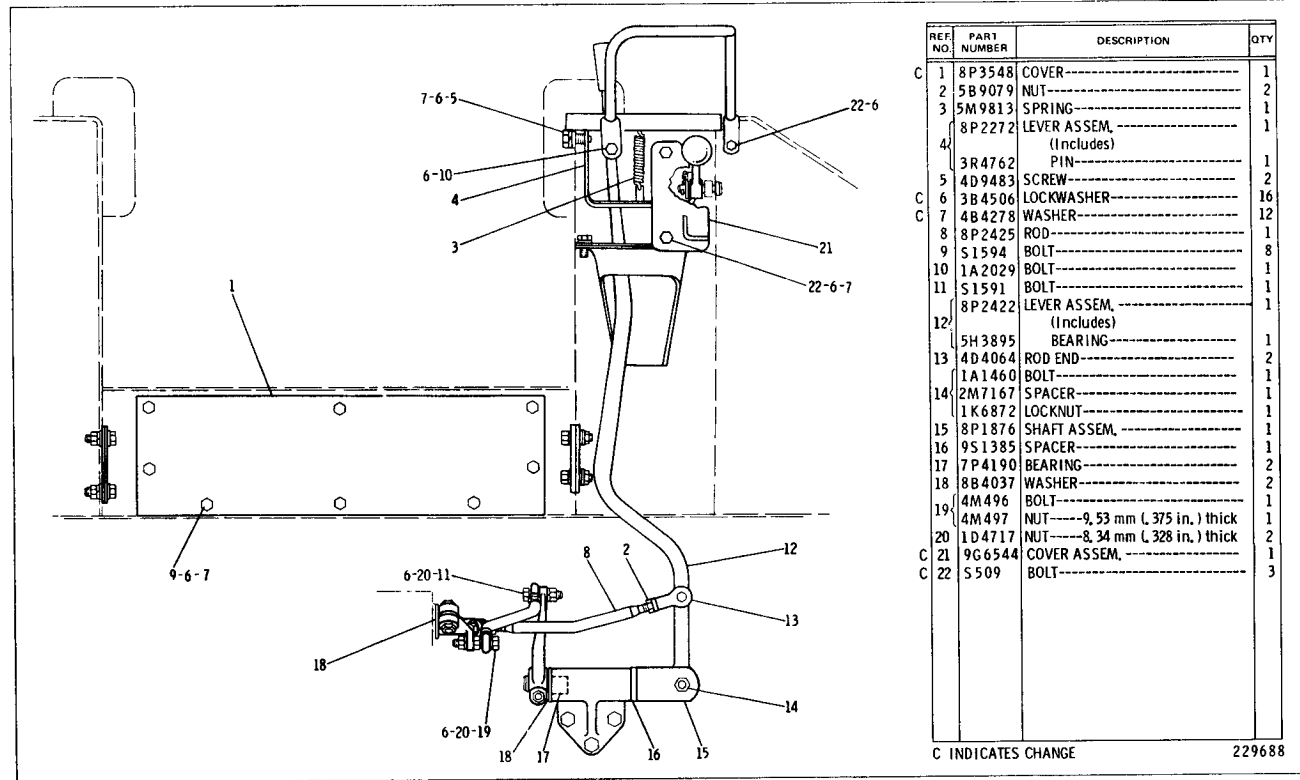
7G4244 PLANETARY TRANSMISSION GROUP — Part 2 of 3
Part of 7G4245 Transmission Arrangement shown on Page 99

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5M6126	BEARING	21
	7G894	WASHER	42
C	7G2513	GEAR (26 teeth)	6
	9M2049	GEAR (96 and 80 teeth)	2
C	8P8679	DISC. ASSEM.	6
	2P4472	PLATE	7
	8M8644	HOUSING	1
C	7G2476	GEAR (20 teeth)	6
	4S8708	HOUSING	1
	7M8480	DOWEL (short)	2
	7M8479	DOWEL (long)	2
	4M9592	SPRING	30
	9P5379	HOUSING	1
C	7G2475	GEAR (24 teeth)	3
	8M8646	PLATE ASSEM. (Includes)	1
12	7M8479	DOWEL	2
	2D6642	BALL	2
13	4M1678	SPRING	10
14	9M2013	HOUSING ASSEM. (Includes)	1
	2D6642	BALL	2
15	5M6211	SHAFT	3
16	2D6642	BALL	3
17	5D353	BOLT	6
	6H4208	LOCK	3
18	5M6212	TUBE	3
19	8M8623	GEAR (40 teeth)	1
20	4S8718	CAGE	1
21	5M7900	BOLT	9
22	2M849	WASHER	9
23	5M6120	GEAR (23 teeth)	1
24	9M1501	PLATE	3
25	5K9107	BOLT	15
26	1S6527	PLATE	3
27	8M8509	LOCK	3

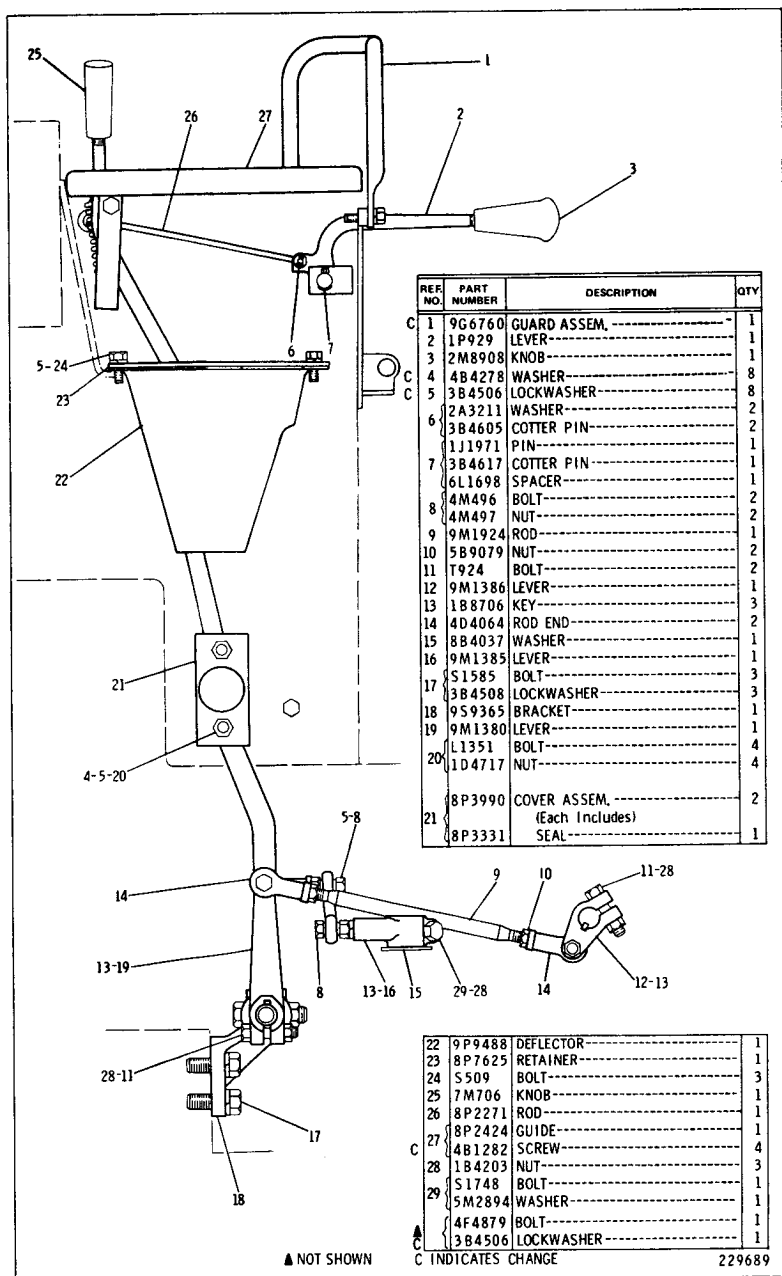


8M6350 TRANSMISSION HYDRAULIC CONTROL GROUP
 Part of 7G4245 Transmission Arrangement shown on Page 99
 8P7791 Control and 1P6591 Valve parts are shown on Pages 106 and 108

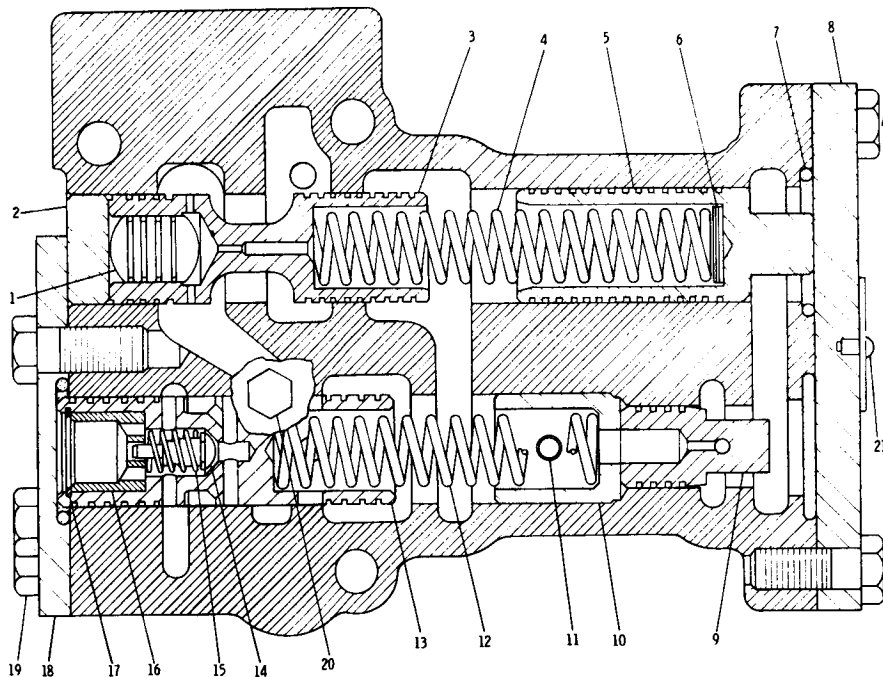




8P4063 TRANSMISSION CONTROL GROUP — Part 1



8P4063 TRANSMISSION CONTROL GROUP — Part 2



REF NO	PART NUMBER	DESCRIPTION	QTY
1	2M7041	SLUG-----	1
2	1P8612	STOP-----	1
3	9M2025	SPOOL-----	1
4	9P4213	SPRING-----	1
5	8S9198	PISTON-----	1
6	5M7915	SPACER-- 0.77 mm(.030 in.) thick	2
7	5M7914	SPACER-- 0.26 mm(.010 in.) thick	1
8	8M5248	SEAL-----	3
9	9S2753	COVER-----	1
10	3P391	VALVE-----	1
11	1P9665	RETAINER-----	1
12	6D3036	DOWEL-----	2
13	8M8132	SPRING-----	1
14	6P4711	SPOOL ASSEM. (Includes)	1
15	6P8848	PLUNGER-----	1
16	9H2367	SPRING-----	1
17	6P4717	SLEEVE-----	1
18	2M8191	RING-----	1
19	1P8573	COVER-----	1
20	S1594	BOLT-----	7
21	5M6214	PLUG-----	2
	9G9075	PLATE----- (Identification)	1
	7B3028	SCREW-----	1
SMH56943 FORM (Installing Control Valves)			1

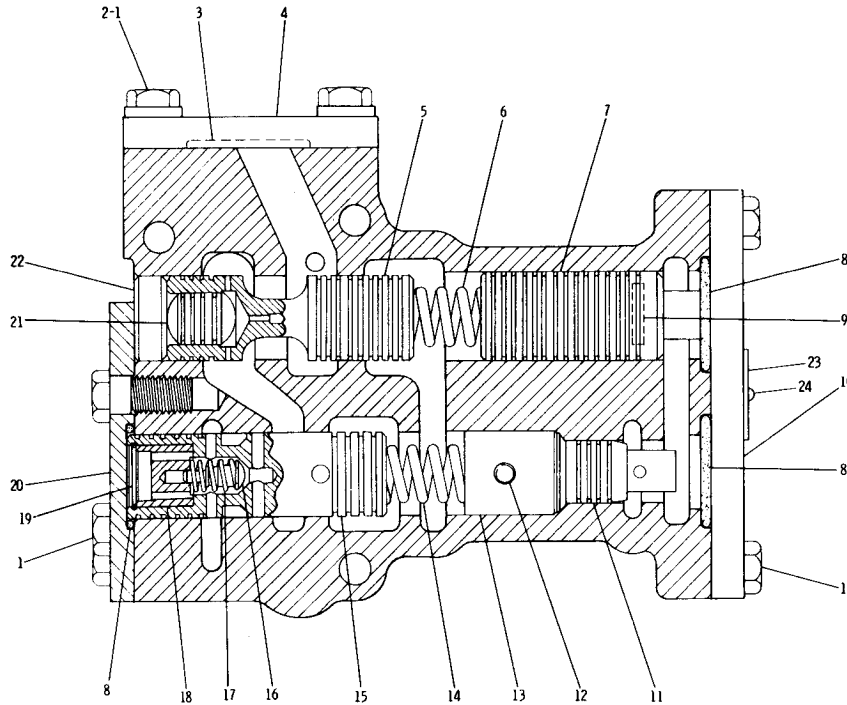
▲ USE AS REQUIRED

C INDICATES CHANGE

182860

8P7791 PRESSURE CONTROL VALVE GROUP
 Part of 8M6350 Transmission Hydraulic Control Group shown on Page 103
 For Field Replacement order 8P7790 shown on Page 107

8P7790 PRESSURE CONTROL VALVE GROUP — Field Installation



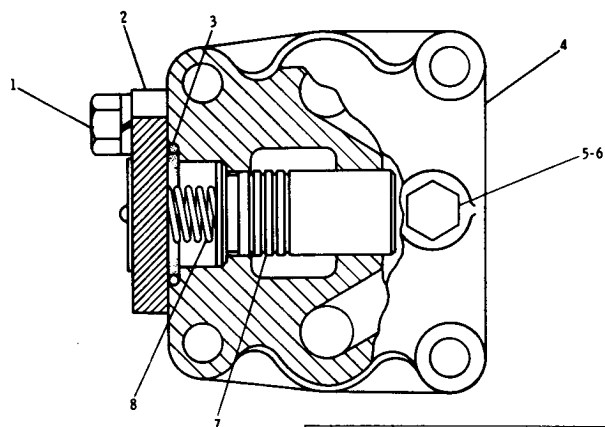
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	51594	BOLT-----	9
2	5M2894	WASHER-----	2
3	8M4433	SEAL-----	1
4	1P9666	COVER-----	1
5	9M2025	SPOOL-----	1
6	3P394	SPRING-----	1
7	8S9198	PISTON-----	1
8	8M5248	SEAL-----	3
C 9	5M7914	SPACER----, 254 mm(.010 in.) thick	1
C 9	5M7915	SPACER----, 914 mm(.036 in.) thick	2
10	9S2753	COVER-----	1
11	3P391	VALVE-----	1
12	6D3036	DOWEL-----	2
13	1P9665	RETAINER-----	1
14	8M8132	SPRING-----	1
15	6P4711	SPOOL ASSEM.-----	1
16	6P8848	(Includes) PLUNGER-----	1
17	9H2367	SPRING-----	1
18	6P4717	SLEEVE-----	1
19	2M8191	RING-----	1
20	1P8573	COVER-----	1
21	2M7041	SLUG-----	1
22	1P8612	STOP-----	1
C 23	9G9076	PLATE-----	1
C 24	7B3028	DRIVE SCREW-----	1
▲	5M6214	PLUG-----	2
	4B9880	BALL-----	2
	SMHS6943	FORM----- (Installing Control Valves)	1

▲ NOT SHOWN C INDICATES CHANGE

304663

POWER TRAIN-POWER TRANSMISSION UNIT

107



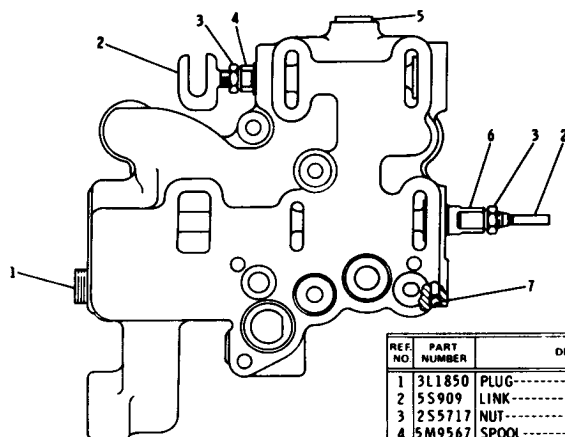
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	51594	BOLT-----	2
3	3B4506	LOCKWASHER-----	2
2	4M8815	COVER-----	1
3	8M5254	SEAL-----	1

4	8M8599	BODY-----	1
5	9S4191	PLUG-----	1
6	3J1907	SEAL-----	1
7	8M8598	SPOOL-----	1
8	2S5816	SPRING-----	1

218740

7G4491 RELIEF VALVE GROUP

Part of 7G4245 Transmission Arrangement shown on Page 99

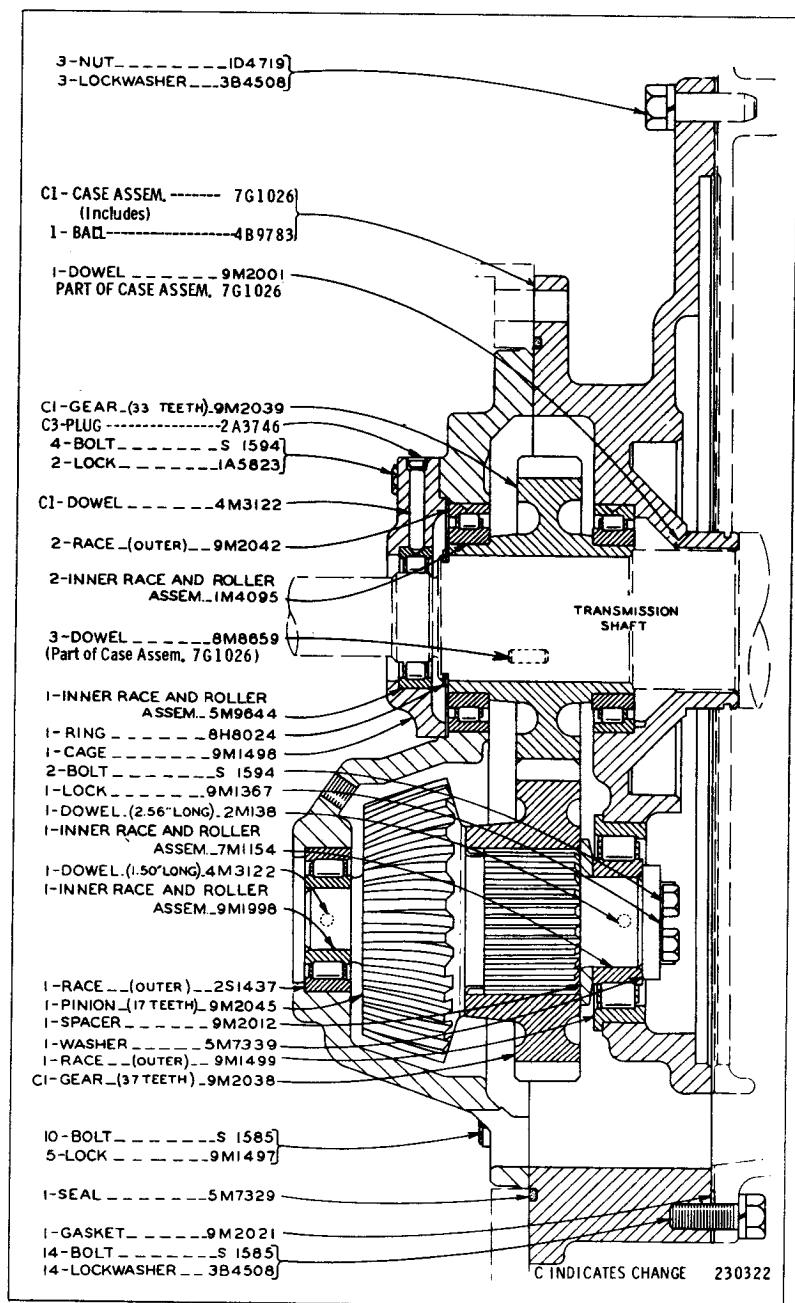


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3L1850	PLUG-----	2
2	5S909	LINK-----	2
3	2S5717	NUT-----	2
4	5M9567	SPOOL-----	1
5	9S8005	PLUG-----	1
6	3K360	SEAL-----	1
7	1P6596	SPOOL-----	1
8	2D6642	BALL-----	1

147455

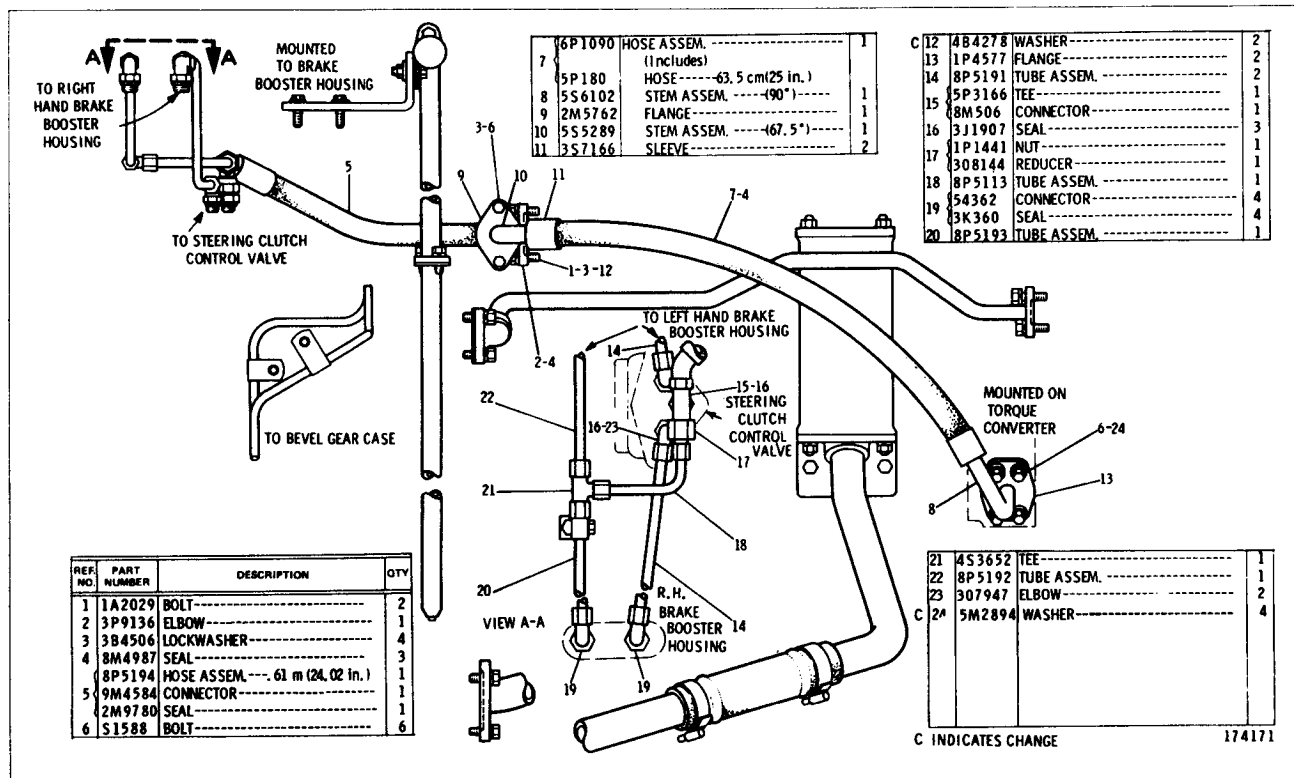
1P6591 SELECTOR VALVE GROUP

Part of 8M6350 Transmission Hydraulic Control Group shown on Page 103



9M2041 TRANSFER GEAR GROUP

Part of 7G4245 Transmission Arrangement shown on Page 99

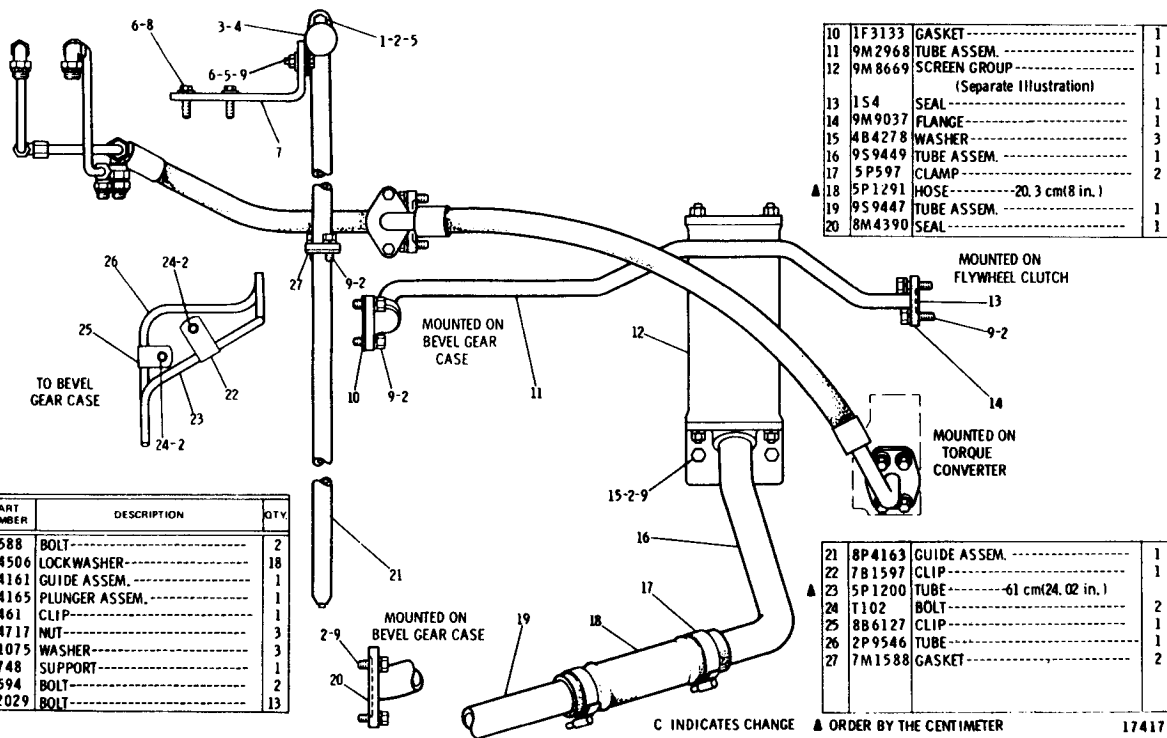


8P5223 POWER TRAIN OIL LINES GROUP — Right Hand Side View — Part 1 of 3

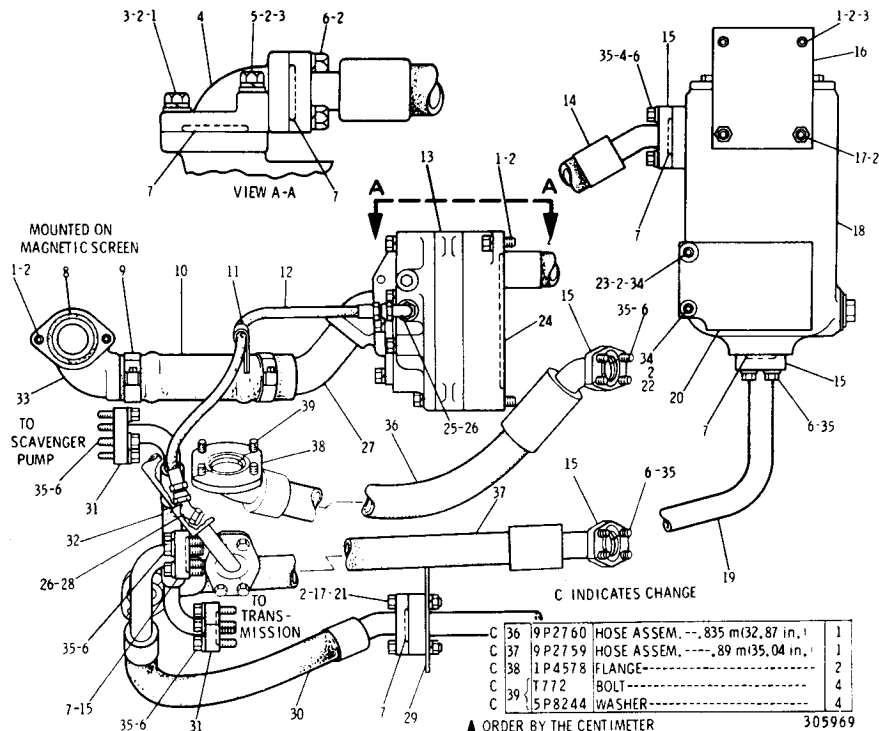
8P5223 POWER TRAIN OIL LINES GROUP — Right Hand Side View — Part 2 of 3
9M8669 Screen parts are shown on Page 113

POWER TRAIN-POWER TRANSMISSION UNIT

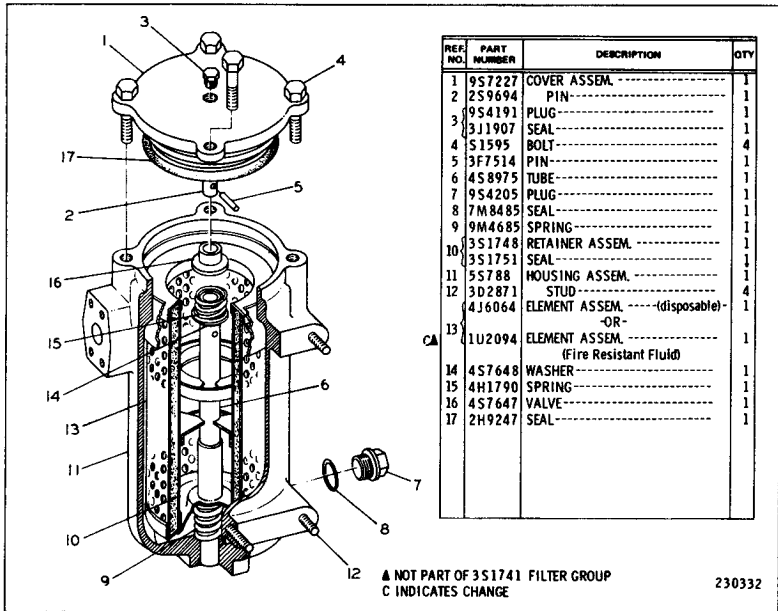
111



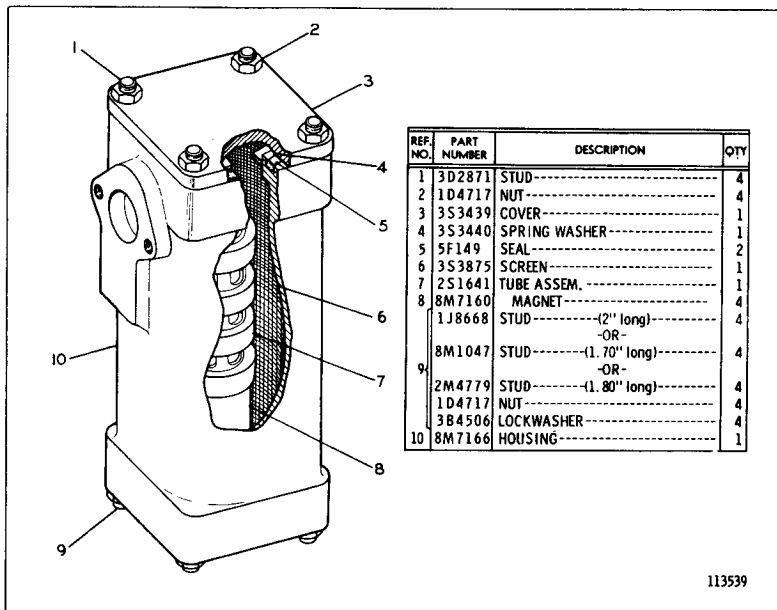
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT-----	9
C 2	3B4506	LOCKWASHER-----	20
C 3	4B4278	WASHER-----	4
4	9M5962	ELBOW-----	1
5	S1571	BOLT-----	1
C 6	S1588	BOLT-----	32
7	8M4987	SEAL-----	6
8	8M4436	SEAL-----	2
9	5P597	CLAMP-----	2
▲ 10	5P1291	HOSE-----20.3 cm(8 in.)	1
11	4D9517	CLIP-----	1
12	3P8117	HOSE ASSEM.-----,71 m(28 in.)	1
13	3P6816	PUMP GROUP----- (Separate Illustration)	1
C 14	1P1556	HOSE ASSEM.-----,85 m(33.38 in.)	1
C 15	1P4577	FLANGE-----	10
C 16	7S1636	PLATE-----	1
17	1D4717	NUT-----	6
18	3S1741	FILTER GROUP----- (Separate Illustration)	1
C 19	9P3440	TUBE ASSEM.-----	1
20	8S2957	BRACKET-----	1
21	L2070	BOLT-----	2
22	2K5232	SPACER-----	1
23	6F127	SPACER-----	1
C 24	8F8882	SEAL-----	1
25	307947	ELBOW-----	1
26	336042	SEAL-----	2
27	9S9393	TUBE ASSEM.-----	1
28	307942	ELBOW-----	1
C 29	7G8032	PLATE-----	1
30	5S803	HOSE ASSEM.-----,69 m(27 in.)	1
31	1P4576	FLANGE-----	4
32	8M4988	SEAL-----	2
33	5S786	HOSE ASSEM.-----,26 m(10.3 in.)	1
34	51619	BOLT-----	2
C 35	5M2894	WASHER-----	28



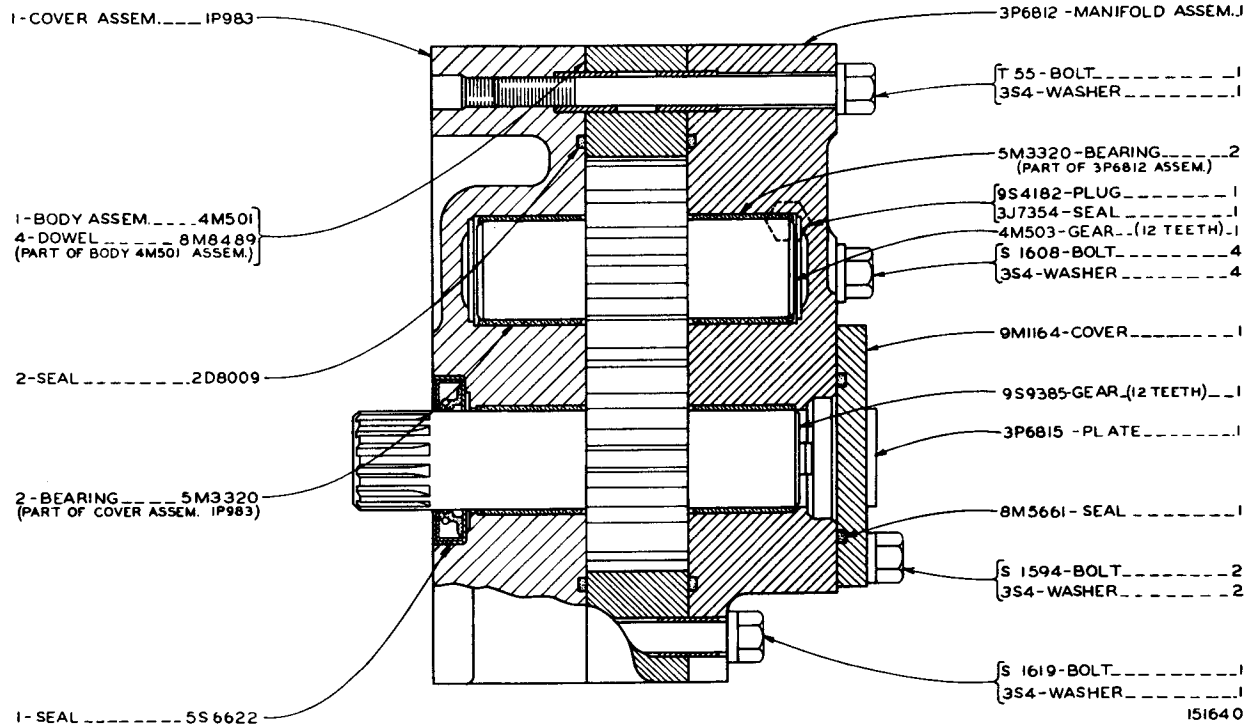
8P5223 POWER TRAIN OIL LINES GROUP — Right Hand Side View — Part 3 of 3
3S1741 Filter and 3P6816 Pump Parts are shown on Pages 113 and 114



3S1741 TRANSMISSION AND STEERING CLUTCH FILTER GROUP
Part of 8P5223 Power Train Oil Lines Group shown on Page 112

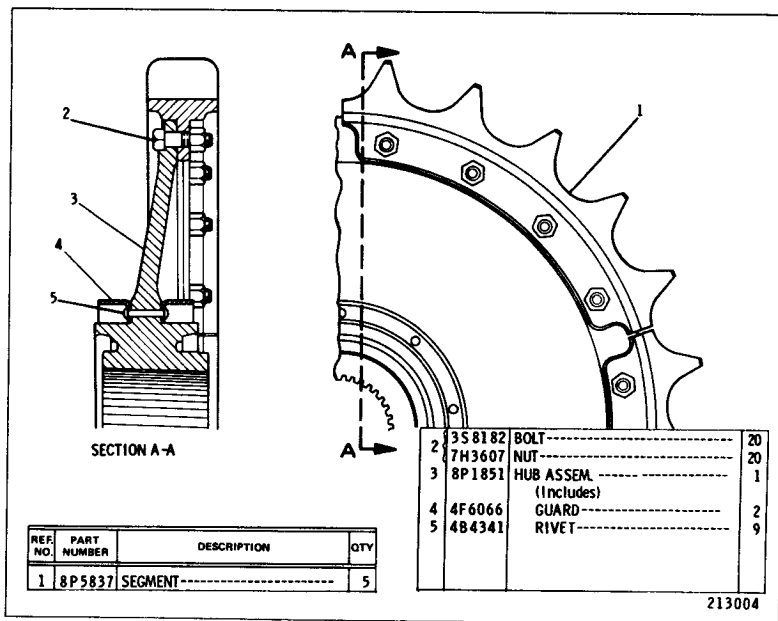


9M8669 MAGNETIC SCREEN GROUP
Part of 8P5223 Power Train Oil Lines Group shown on Page 111

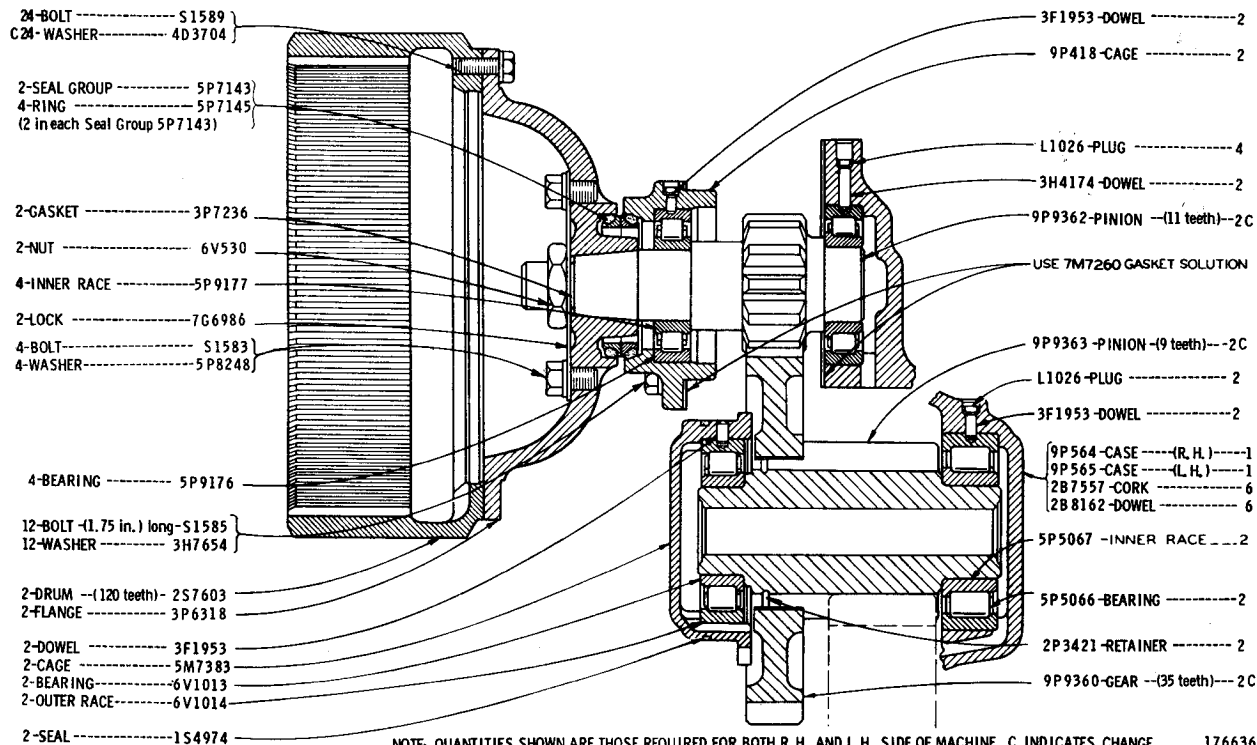


3P6816 GEAR PUMP GROUP

Part of 8P5223 Power Train Oil Lines Group shown on Page 112



8P8914 SEGMENTED SPROCKET GROUP
Part of 5A7837 Final Drive Group shown on Page 117



5A7837 FINAL DRIVE GROUP-UPPER HALF-PART 1 OF 2

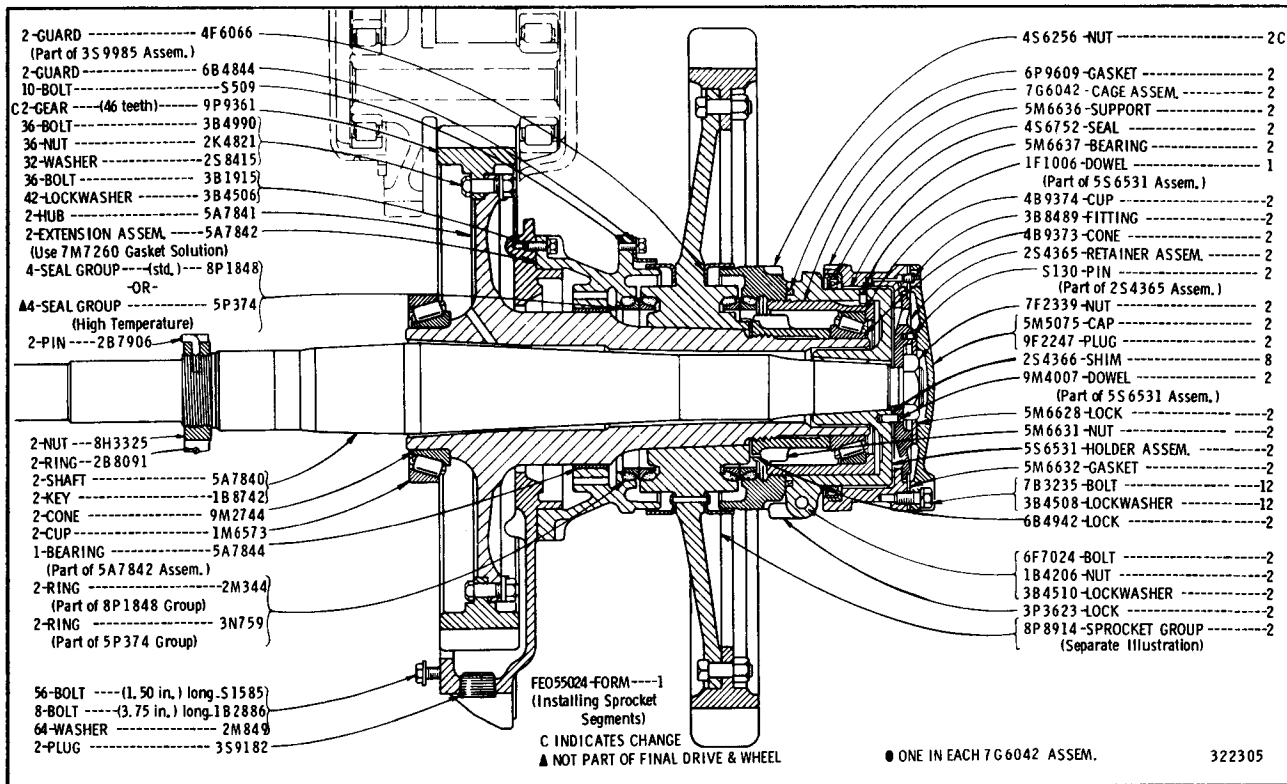
Serial No. 6X1115 To 6X1339 Inclusive

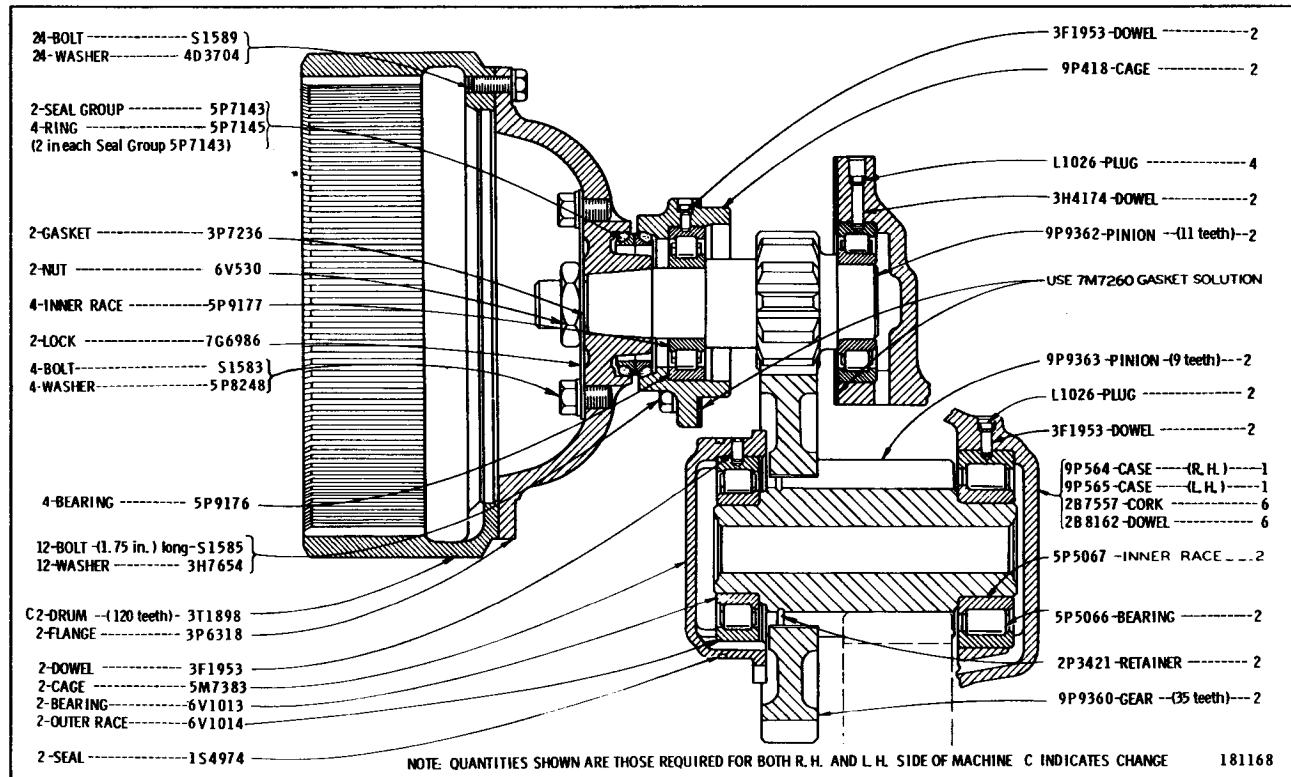
5A7837 FINAL DRIVE GROUP-LOWER HALF-PART 2 OF 2

Serial No. 6X1115 To 6X1339 Inclusive

8P8914-Page 115

Note: Quantities Shown Are Those Required For Both R.H. & L.H. Sides



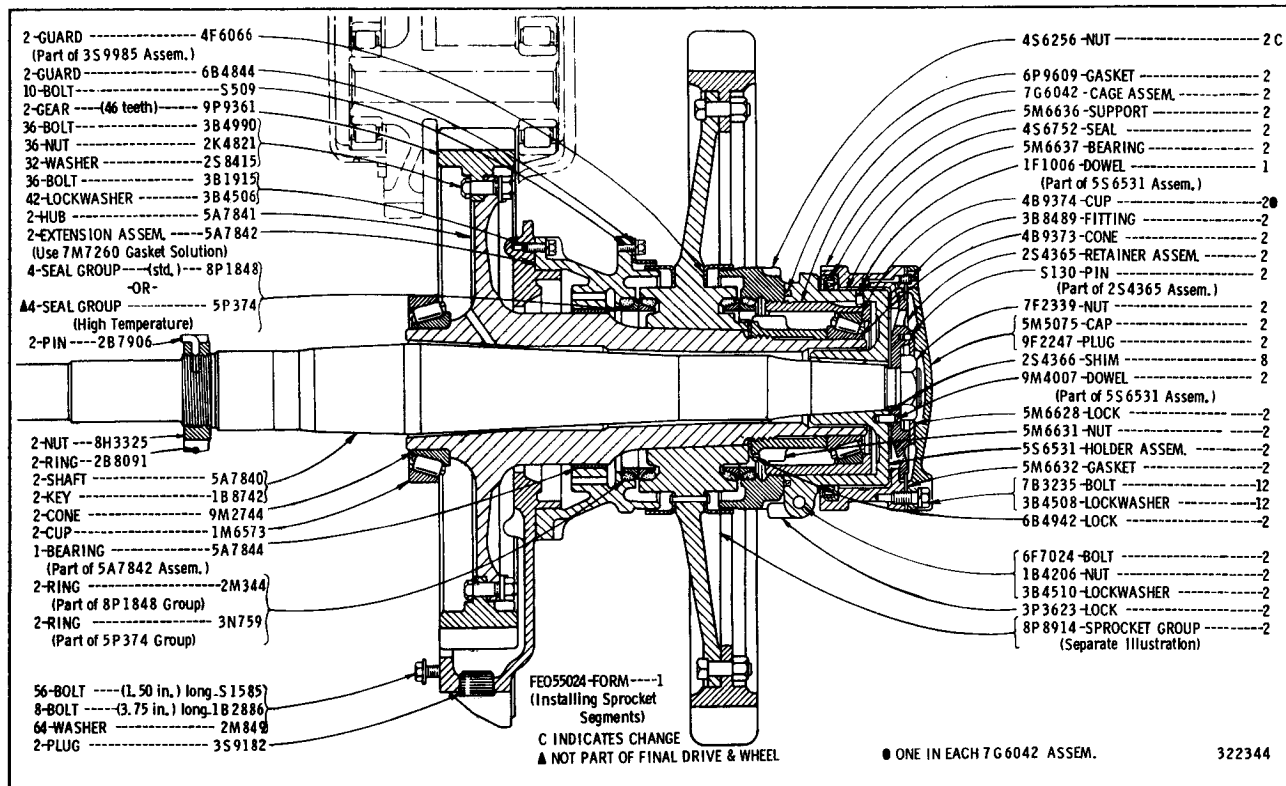


5A7837 FINAL DRIVE GROUP—Upper Half
 Serial No. 6X1340—Up

5A7837 FINAL DRIVE GROUP-LOWER HALF

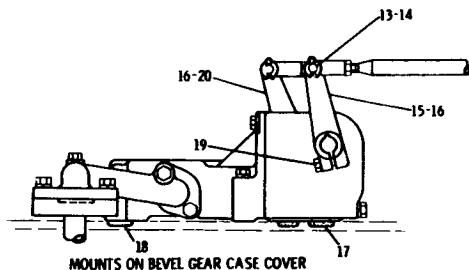
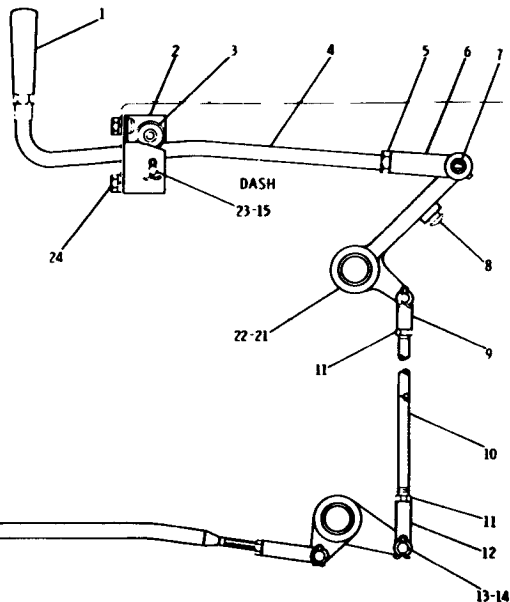
Serial No. 6X1340-Up

8P8914-Page 115



REF NO	PART NUMBER	DESCRIPTION	QTY
1	L 829	HANDLE-----	2
2	8P3409	BRACKET ASSEM.-----	2
		(Each Includes)	
3	9F2978	NUT-----	2
3	1P2878	ROLLER-----	4
4	8P3410	ROD-----	2
5	9S1354	NUT-----	2
6	4K5563	END-----	2
7	7H9397	PIN-----	2
7	1H1200	PIN----- (spring)	2
8	9M5884	BUMPER-----	2
9	1M1341	ROD END-----	2
10	8P2971	ROD-----	2
11	589079	NUT-----	4
12	2K400	END-----	2
13	18676	PIN-----	8
14	384615	COTTER PIN-----	12
15	3D8525	LEVER-----	1
16	188706	KEY-----	2
17	8M4990	SEAL-----	1
18	154	SEAL-----	2
19	S1588	BOLT-----	2

20	8P3205	LEVER-----	1
	8P3262	LEVER----- (R. H.)	1
21	8P3261	LEVER----- (L. H.)	1
	6K8088	BEARING-----	4
22	9S1328	WASHER-----	4
	8P9821	WASHER----- (spring)	4
23	1A8827	PIN-----	4
24	T102	BOLT-----	4
	3B4506	LOCKWASHER-----	4



C INDICATES CHANGE

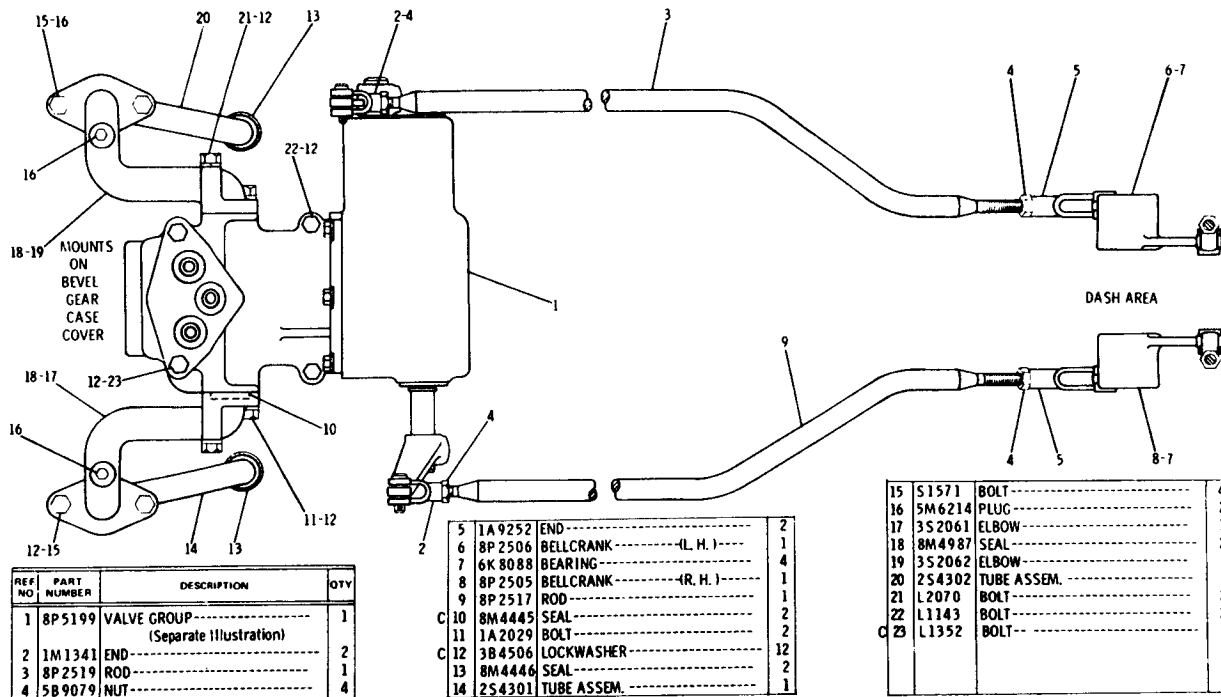
171781

8P4366 STEERING CLUTCH CONTROL GROUP—Part 1
Serial No. 6X1115 to 6X1440 Inclusive

8P4366 STEERING CLUTCH CONTROL GROUP—Part 2

Serial No. 6X1115 to 6X1440 inclusive

8P5199 Valve parts are shown on Page 120

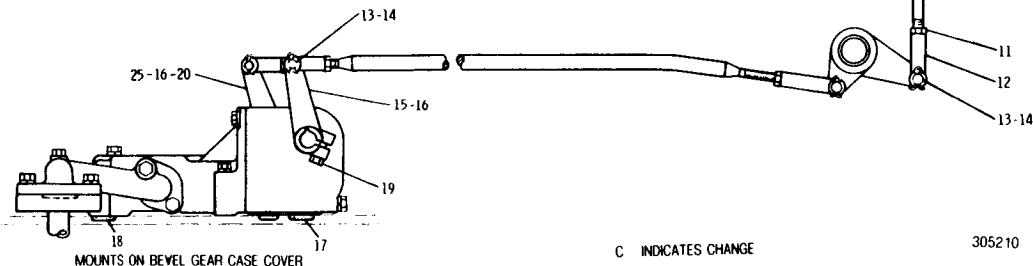


C INDICATES CHANGE

166498

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	L829	2	HANDLE
	2	8P3409	2	BRACKET ASSEM. (EACH INCLUDES)
		9F2978	2	NUT
	3	1P2878	4	ROLLER
	4	8P3410	2	ROD
	5	9S1354	2	NUT
	6	4K5563	2	END
	7	7H9397	2	PIN
		1H1200	2	PIN (SPRING)
	8	9M5884	2	BUMPER
	9	1M1341	2	ROD END
	10	8P2971	2	ROD
	11	5B9079	4	NUT
	12	2K400	2	END
	13	1B676	8	PIN
C	14	3B4615	12	COTTER PIN
C	15	7G9990	1	LEVER
	16	S1591	1	BOLT
	17	8M4990	1	SEAL
	18	1S4	2	SEAL
C	19	S1588	1	BOLT

C	20	5H6799	1	LEVER
	21	8P3262	1	LEVER (R.H.)
		8P3261	1	LEVER (L.H.)
		6K8088	4	BEARING
	22	9S1328	4	WASHER
		8P9821	4	WASHER (SPRING)
	23	1A8827	4	PIN
	24	T102	4	BOLT
		3B4506	4	LOCKWASHER
C	25	1D4717	1	NUT

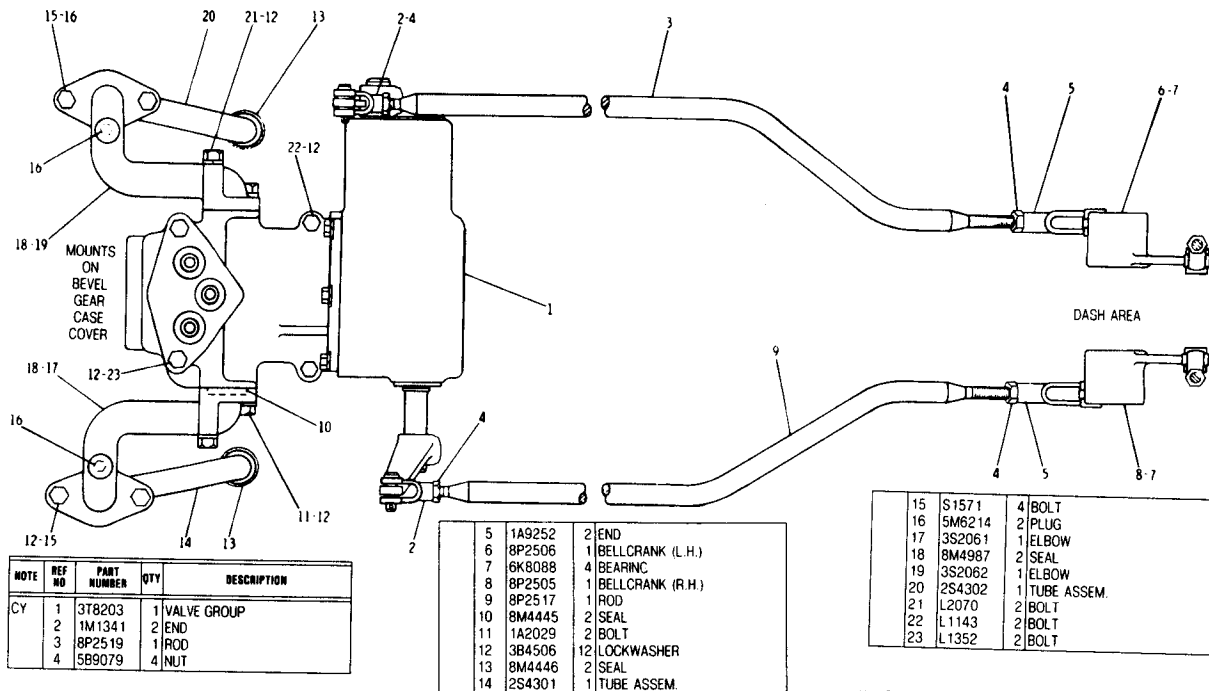


C INDICATES CHANGE

305210

8P4366 STEERING CLUTCH CONTROL GROUP—Part 1
Serial No. 6X1441—Up

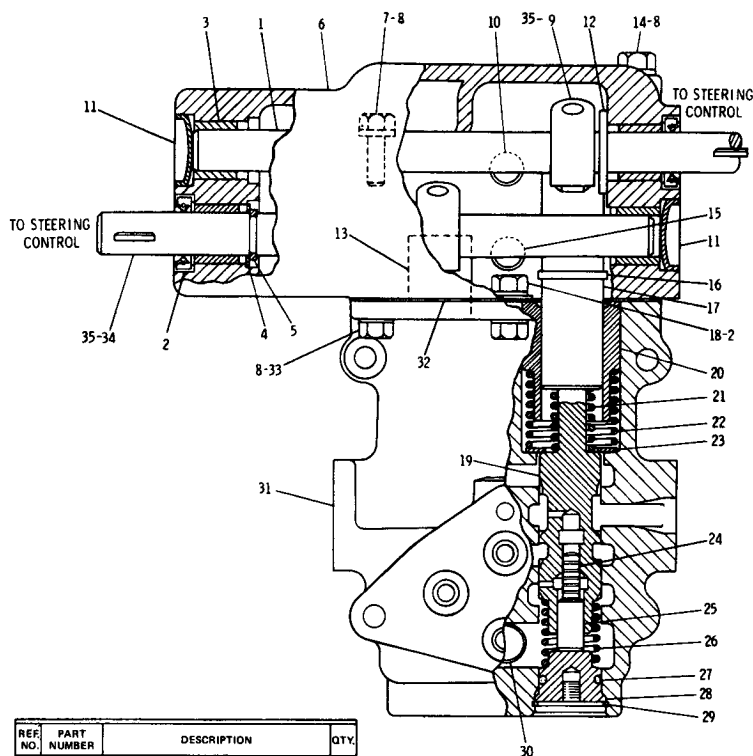
8P4366 STEERING CLUTCH CONTROL GROUP—Part 2
 Serial No. 6X1441—Up
 3T8203 Valve parts are shown on Page 120A



Y SEPARATE ILLUSTRATION

C INDICATES CHANGE

305211



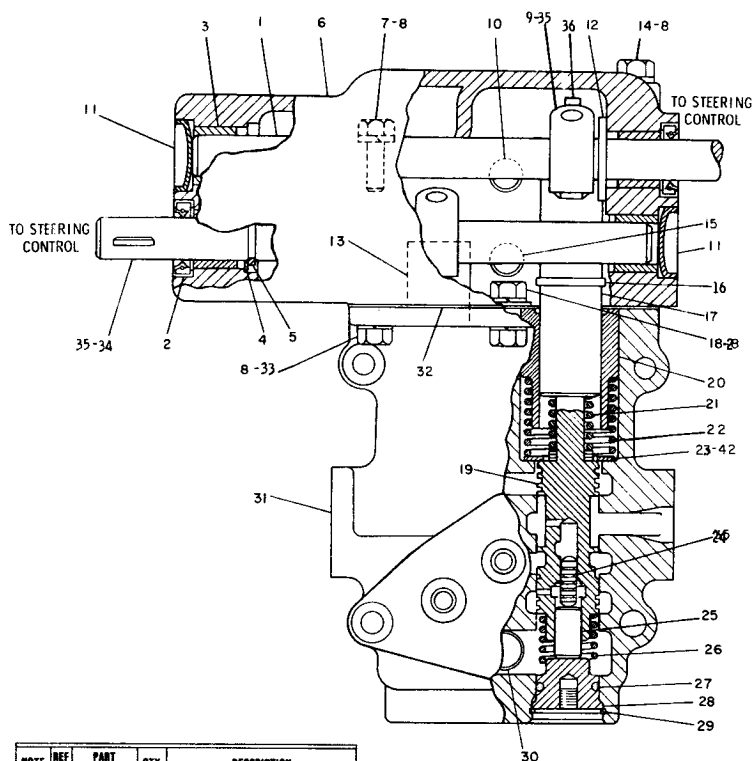
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8P2520	SHAFT	1
2	9H223	SEAL	2
3	8H8175	BEARING	4
4	3B9363	WASHER	1
5	3S7005	RING	1
6	8P8043	HOUSING	1
7	T65	BOLT	1
8	5M2894	WASHER	6
9	2P4045	LEVER	2
10	S1588	BOLT	2
11	2S8413	STANDPIPE	1
12	3S8313	PLUG	2
13	4B4283	WASHER	1
14	8S1016	PLUNGER	1
15	1A5183	BOLT	1
16	8S5716	STANDPIPE	1
17	1H4148	RING	1
18	8S1015	PLUNGER	1
19	S509	BOLT	1
20	3K925	WASHER	1
21	3P3774	VALVE ASSEM.	2
22	3K9042	RING	2
23	L1365	WASHER	2
24	8S1043	BUSHING	2
25	5J4698	SPRING (inner)	2

22	8S5753	SPRING (outer)	2
23	2H1730	WASHER	2
24	3P3716	SLUG	2
25	3P3717	PISTON	2
26	2S8398	SPRING	2
27	8M4445	SEAL	2
28	2S8399	PLUG	2
29	8H1037	RING	2
30	2S8412	STANDPIPE	1
31	6P968	HOUSING	1
32	2S8414	GASKET	1
33	S1594	BOLT	3
34	8P3301	SHAFT	1
35	1B8706	KEY	4

C INDICATES CHANGE

182856

8P5199 CONTROL VALVE GROUP
 Serial No. 6X1115 to 6X1440 inclusive
 Part of 8P4366 Steering Clutch Control Group shown on Page 119



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	8P2520	1	SHAFT
	2	9H223	2	SEAL
	3	8H8175	4	BEARING
	4	3B9363	1	WASHER
	5	3S7005	1	RING
	6	8P8043	1	HOUSING
	7	T65	1	BOLT
C	8	5M2894	6	WASHER
C	9	2S8396	2	LEVER
		S1588	2	BOLT
	10	2S8413	1	STANDPIPE
	11	3S8313	2	PLUG
	12	4B4283	1	WASHER
	13	8S1016	1	PLUNGER
	14	1A5183	1	BOLT
	15	8S5716	1	STANDPIPE
	16	1H4148	1	RING
	17	8S1015	1	PLUNGER
	18	S509	1	BOLT
		3K925	1	WASHER
C	19	9P8197	2	VALVE
	20	8S1043	2	BUSHING
	21	5J4698	2	SPRING (INNER)

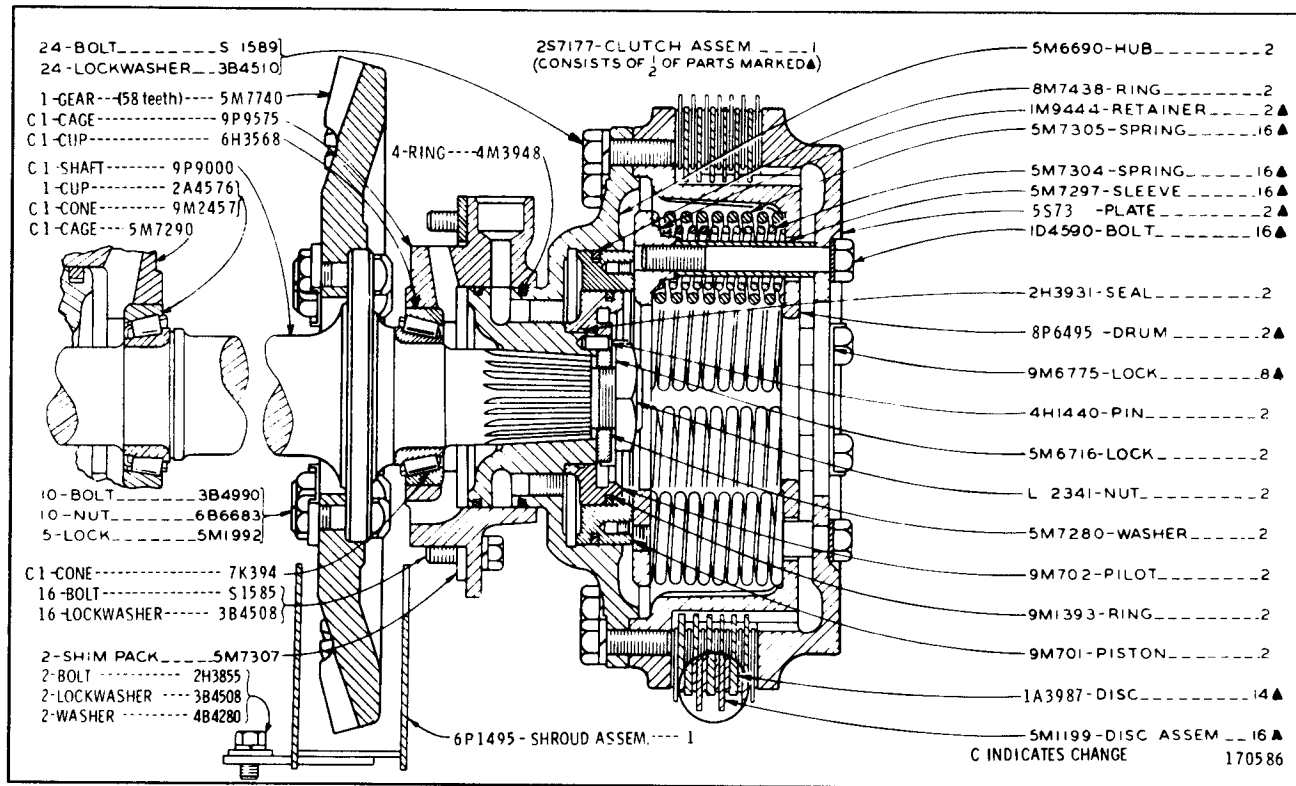
	22	8S5753	2	SPRING (OUTER)
C	23	3T9981	2	WASHER
	24	3P3716	2	SLUG
	25	3P3717	2	PISTON
	26	2S8398	2	SPRING
	27	8M4445	2	SEAL
	28	2S8399	2	PLUG
	29	8H1037	2	RING
	30	2S8412	1	STANDPIPE
	31	6P968	1	HOUSING
	32	2S8414	1	GASKET
	33	S1594	3	BOLT
	34	8P3301	1	SHAFT
C	35	1B8706	4	KEY
	36	2S8411	2	ROLLER
C		3B4615	2	COTTER PIN
		1B676	2	PIN

C INDICATES CHANGE

315440

3T8203 CONTROL VALVE GROUP
 Serial No. 6X1441-Up
 Part Of 8P4366 Steering Clutch Control

5M7745 STEERING CLUTCH GROUP
Serial No. 6X1115 to 6X1339 inclusive



5M7745 STEERING CLUTCH GROUP Serial No. 6X1340—Up

C 24-BOLT----- S1589
C 24-WASHER-----5P8247

1-GEAR---(58 teeth)--- 5M7740
1-CAGE-----9P9575
1-CUP-----6H3568
1-SHAFT-----9P9000
1-CUP-----2A4576
1-CONE-----9M2457
1-CAGE-----5M7290

C 10-BOLT----- 4B966
C 10-NUT----- 2K4821
C 10-WASHER-----5P8247

1-CONE-----7K394
16-BOLT-----S1585
C 16-WASHER-----5P8245

2-SHIM PACK-----5M7307
2-BOLT-----2H3855

C 2-WASHER-----5P1076

2S7177-CLUTCH ASSEM. 1
(CONSISTS OF 1/2 OF PARTS MARKED▲)

4-RING-----4M3948

6P1495-SHROUD ASSEM. 1

5M6690-HUB----- 2

8M7438-RING----- 2

1M9444-RETAINER----- 2▲

5M7305-SPRING----- 16▲

5M7304-SPRING----- 12▲C

5M7297-SLEEVE----- 16▲

5S73-PLATE----- 2▲

1D4590-BOLT----- 16▲

2H3931-SEAL----- 2

3T1899-DRUM----- 2▲C

9M6775-LOCK----- 8▲

4H1440-PIN----- 2

5M6716-LOCK----- 2

L 2341-NUT----- 2

5M7280-WASHER----- 2

1H8171-SEAL----- 4C

9M702-PILOT----- 2

9M1393-RING----- 2

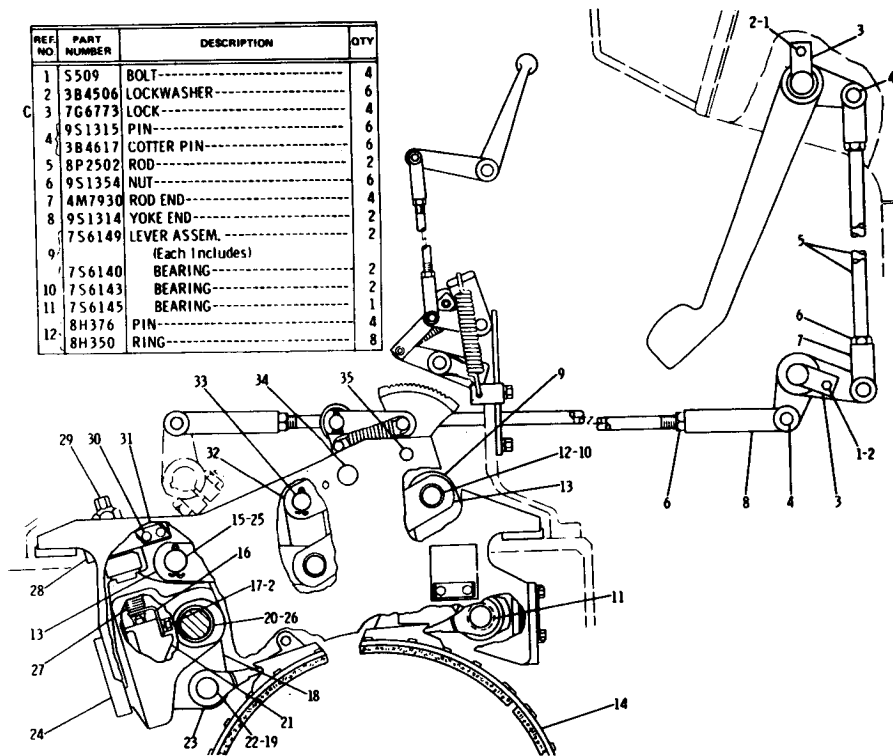
9M701-PISTON----- 2

1A3987-DISC----- 8▲C

9P9382-DISC ASSEM----- 10▲C

C INDICATES CHANGE
181682

REF NO	PART NUMBER	DESCRIPTION	QTY
1	S509	BOLT-----	4
2	3B4506	LOCKWASHER-----	6
3	7G6773	LOCK-----	4
4	9S1315	PIN-----	6
5	3B4617	COTTER PIN-----	6
6	8P2502	ROD-----	2
7	9S1354	NUT-----	6
8	4M7930	ROD END-----	4
9	9S1314	YOKE END-----	2
10	756149	LEVER ASSEM.-----	2
11	(Each Includes)		
12	756140	BEARING-----	2
13	756143	BEARING-----	2
14	756145	BEARING-----	1
15	8H376	PIN-----	4
16	8H350	RING-----	8



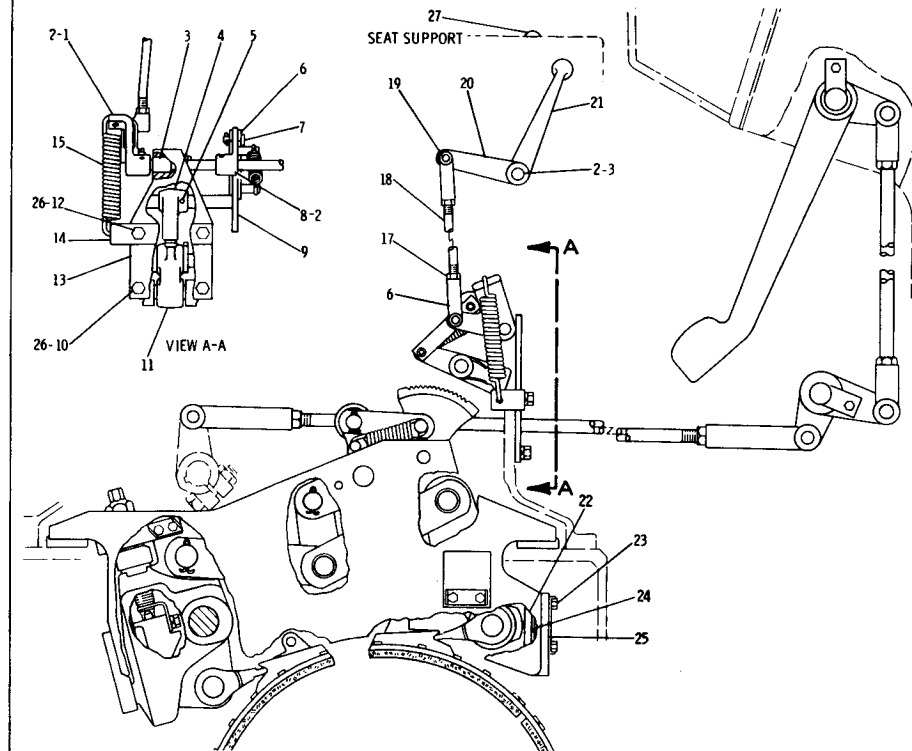
13	7G2041	LINK-----	8
14	9M8068	BAND AND LINING ASSEM.-----	2
		(Separate Illustration)	
15	8H8898	PIN-----	2
16	3B4632	COTTER PIN-----	2
17	5H6624	SUPPORT-----	2
18	L1351	BOLT-----	2
19	756148	LEVER ASSEM.-----	2
		(Each Includes)	
20	756145	BEARING-----	1
21	756140	BEARING-----	1
22	1M4025	WEDGE-----	2
23	1M3788	PIN-----	4
24	1K9740	RING-----	8
25	1M3778	STRUT-----	4
26	459104	LEVER ASSEM.-----	2
		(Each Includes)	
27	756144	BEARING-----	1
28	756140	BEARING-----	2
29	2M7188	SCREW-----	2
30	9S8220	SPRING-----	2
31	1P4524	SOCKET-----	2
32	1B9575	BOLT-----	4
33	1D4716	NUT-----	4
34	2F6156	LOCK-----	4
35	1P3310	BELLCRANK ASSEM.-----	2
		(Each Includes)	
36	752670	BEARING-----	1
37	9H750	PIN-----	2
38	3B4629	COTTER PIN-----	2
39	752668	SHAFT-----	2
40	4H6996	PIN-----	2
41	9H8918	PIN----- (large)-----	2
42	1H1200	PIN----- (small)-----	2

C INDICATES CHANGE

224224

8P4935 STEERING BRAKE GROUP — Part 1 of 3
9M8068 Band and Lining parts are shown on Page 125

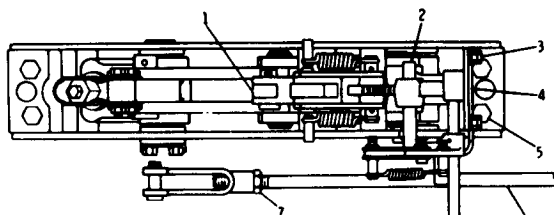
8P4935 STEERING BRAKE GROUP — Part 2 of 3



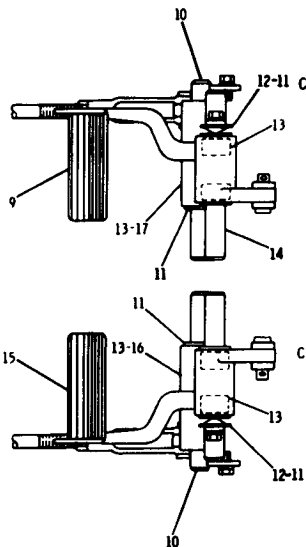
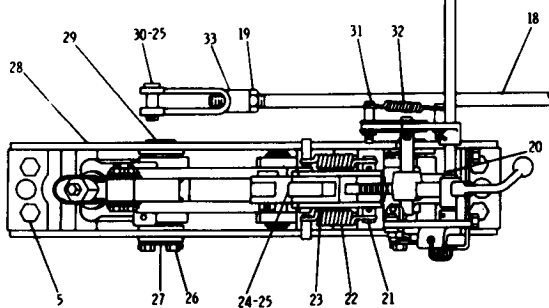
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P3175	LEVER	1
2	6H3956	PIN	4
3	5P1901	BEARING	3
4	3P5206	PAWL	2
5	1H1200	PIN	2
6	6P2772	PLATE	4
7	1A2457	PIN	2
8	L261	WASHER	2
9	3B4607	COTTER PIN	2
10	8P3173	LEVER	2
11	8P3170	LEVER ASSEM.	1
12	S1594	BOLT	2
13	3P6105	RATCHET	2
14	1A2029	BOLT	2
15	8P3168	COVER ASSEM.	1
16	7S2780	GASKET	1
17	8P3181	BRACKET	1
18	8D8456	SPRING	1
19	2K400	YOKE END	2
20	5B9079	NUT	2
21	8P3174	ROD	1
22	1B676	PIN	2
23	3B4615	COTTER PIN	2
24	8P3177	LEVER ASSEM.	1
25	8P3176	LEVER	1
26	8H372	PLATE	2
27	3B1915	BOLT	4
28	8H8871	SHIM	4
29	6H4208	LOCK	2
30	3B4506	LOCKWASHER	4
31	3D9871	BUTTON	1

C INDICATES CHANGE

230318



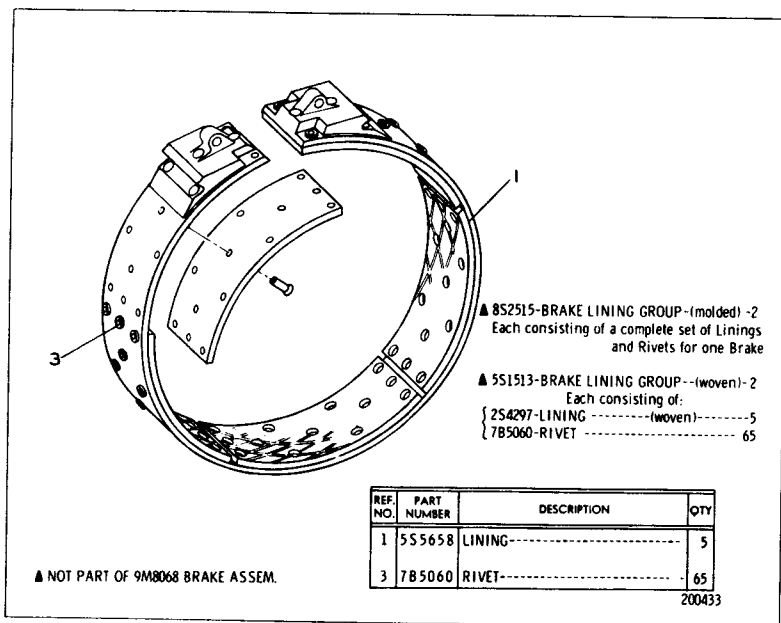
REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	752666	LINK-----	2
2	8P3170	LEVER ASSEM.-----	1
	S1594	BOLT-----2.54 cm(1 in.) long	2
3	1A2029	BOLT-----2.85 cm(1.125 in.) long	2
	3B4506	LOCKWASHER-----	4
4	8P3183	BRACKET ASSEM.-----	1



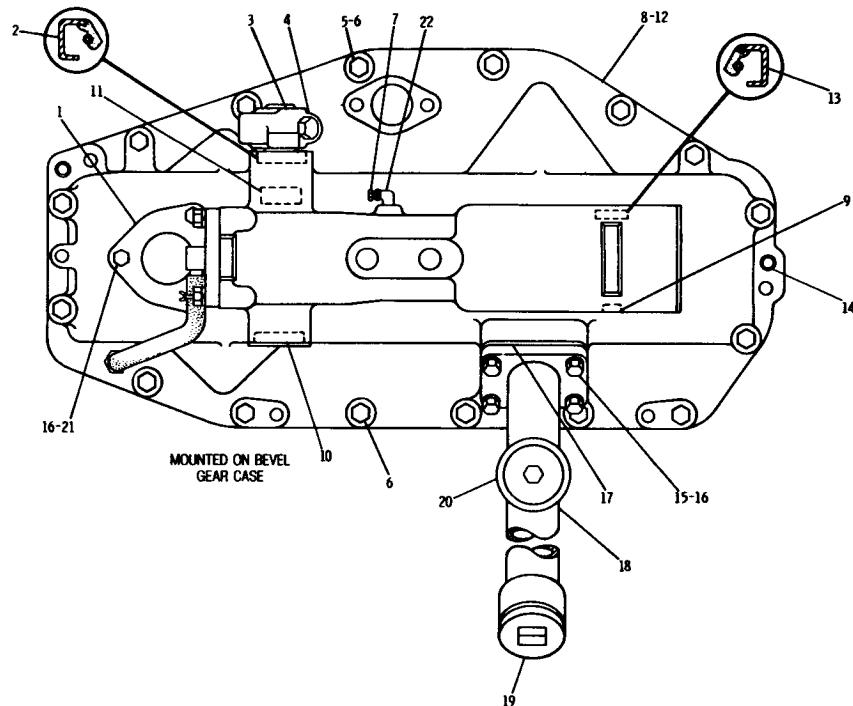
5	4B4043	BOLT-----	8
	3B4510	LOCKWASHER-----	8
6	8P2512	ROD ASSEM.-----	1
		(Includes)	
7	1B4206	NUT-----	1
8	8P3182	SHAFT-----	1
9	8P1870	PEDAL-----	1
10	8P2507	SHAFT-----	2
11	9S1328	WASHER-----	8
12	8P9821	WASHER----- (spring)	2
13	6K8088	BEARING-----	8
14	8P3475	SHAFT-----	2
15	8P1871	PEDAL-----	1
16	8P2503	BELLCRANK-----	1
17	8P2504	BELLCRANK-----	1
18	8P2511	ROD-----	1
19	9S1354	NUT-----	1
20	3B4615	COTTER PIN-----	1
	9S201	WASHER-----	1
21	1M424	PIN----- (large)	2
22	3H6660	PIN----- (small)	4
23	1H2320	SPRING-----	4
24	7G2926	LINK-----	4
	1P1650	ROLLER-----	2
25	2B974	PIN-----	2
26	3B4617	COTTER PIN-----	4
27	T102	BOLT-----	8
28	5B2200	LOCK-----	4
29	8P524	SUPPORT ASSEM.-----	2
30	8H352	SHAFT ASSEM.-----	4
31	9S1315	PIN-----	2
	6P4406	PIN-----	4
32	L261	WASHER-----	4
	3B4607	COTTER PIN-----	4
33	9D1058	SPRING-----	2
	9S1314	END-----	1

C INDICATES CHANGE

224225



9M8068 BRAKE BAND ASSEMBLY — 2 Required
Part of 8P4935 Steering Brake Group shown on Page 122



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	9H8889	2	COVER
		9H8890	2	GASKET
	2	2P6286	1	SEAL
	3	8P2514	1	LEVER
		1B8719	1	KEY
	4	S1589	1	BOLT
	5	9S1366	16	BOLT
		3B4508	16	LOCKWASHER
	6	1F1609	1	SPACER
	7	5M6214	2	PLUG
	8	8P1191	1	HOUSING ASSEM.
C		3S8313	1	PLUG
		2S8359	1	SLEEVE
	9	5B1866	1	PLUG
	10	L1021	1	PLUG
	11	1J3710	2	BEARING
	12	7M7260		LIQUID GASKET
	13	5H1190	1	SEAL
	14	5M7937	4	DOWEL
C	15	S1588	4	BOLT 31.75MM(1.25 IN.) LONG
				OR
		S1591	4	BOLT 38.10MM(1.50 IN.) LONG
	16	3B4506	10	LOCKWASHER
	17	8P2680	1	GASKET
	18	8P1217	1	SPOUT
	19	L827	1	PLUG
		L1124	1	GASKET
C	20	9G5127	1	BREATHER
	21	L1351	6	BOLT
C	22	3B6552	2	ELBOW

C INDICATES CHANGE

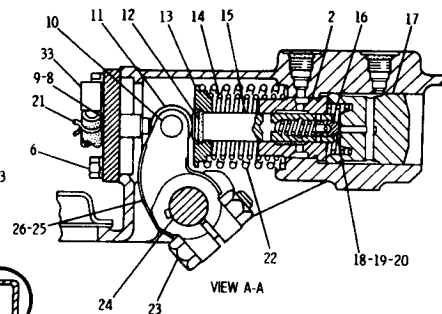
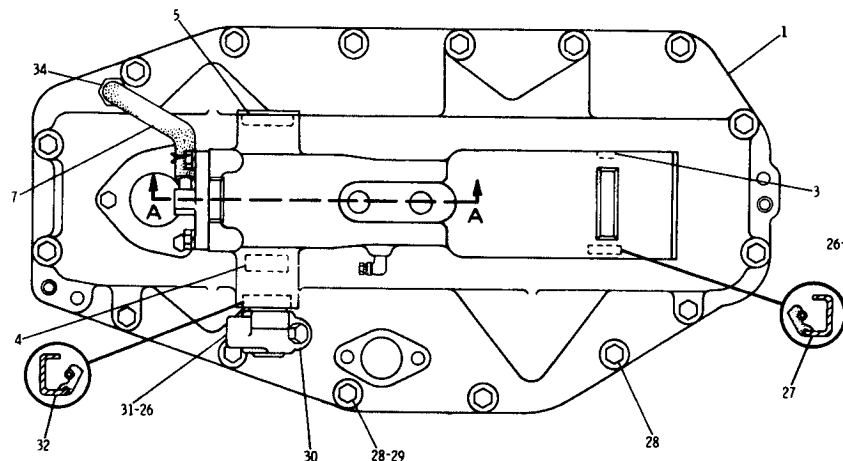
305316

8P1216 BRAKE HYDRAULIC MECHANISM GROUP—R.H.—Part 1

8P1216 BRAKE HYDRAULIC MECHANISM GROUP—L.H.—Part 2

STEERING CLUTCHES AND BRAKES

427



NOTE	REF. NO.	PART NUMBER	QTY	DESCRIPTION
C	1	8P1190	1	HOUSING ASSEM.
	2	3S8313	1	PLUG
	2	2S8359	1	SLEEVE
	3	5B1866	1	PLUG
	4	1J3710	1	BEARING
CE	5	L1021	1	PLUG
	6	1A2029	8	BOLT
	7	3B4506	8	LOCKWASHER
	7	5P1442	1	HOSE 50.8CM (20 IN.)
	8	8P8255	2	COVER ASSEM.

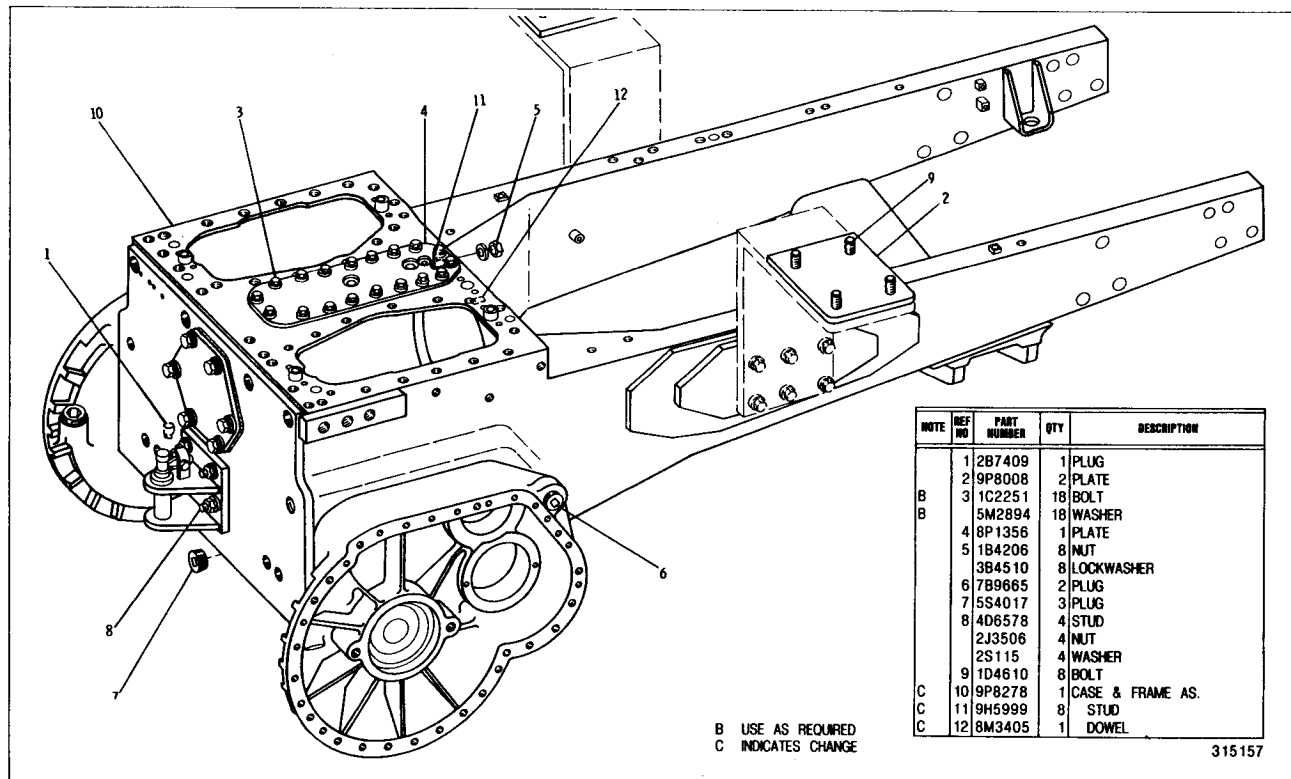
E ORDER BY THE CENTIMETER

C	9	7M7260	2	LIQUID GASKET
	10	3H1977	2	PIN
	11	3B4617	2	COTTER PIN
	11	6B7687	2	ROLLER
	12	4H8158	2	RING
C	13	2S8416	2	RETAINER
	14	9H7553	2	SPRING (INNER)
	15	5S6880	2	PLUNGER
	16	7J2025	2	SPRING
	17	8P1186	2	PISTON
C	18	2S8571	2	VALVE
	19	5P6717	2	RING

C INDICATES CHANGE

C	20	5M3389	2	SPRING
	21	3S5096	4	CLAMP
	22	9H7534	2	SPRING (OUTER)
	23	8S9092	2	BOLT
	24	1D4720	2	NUT
C	25	7S3842	2	SHAFT
	26	9H7657	2	LEVER
	27	1B8719	3	KEY
	28	5H1190	1	SEAL
	28	9S1366	16	BOLT
C	29	3B4508	16	LOCKWASHER
	30	1F1609	1	SPACER
	31	S1589	1	BOLT
	32	8P2515	1	LEVER
	33	2P6286	1	SEAL
C	34	672935	2	FITTING
	34	5P7175	2	FITTING

305317

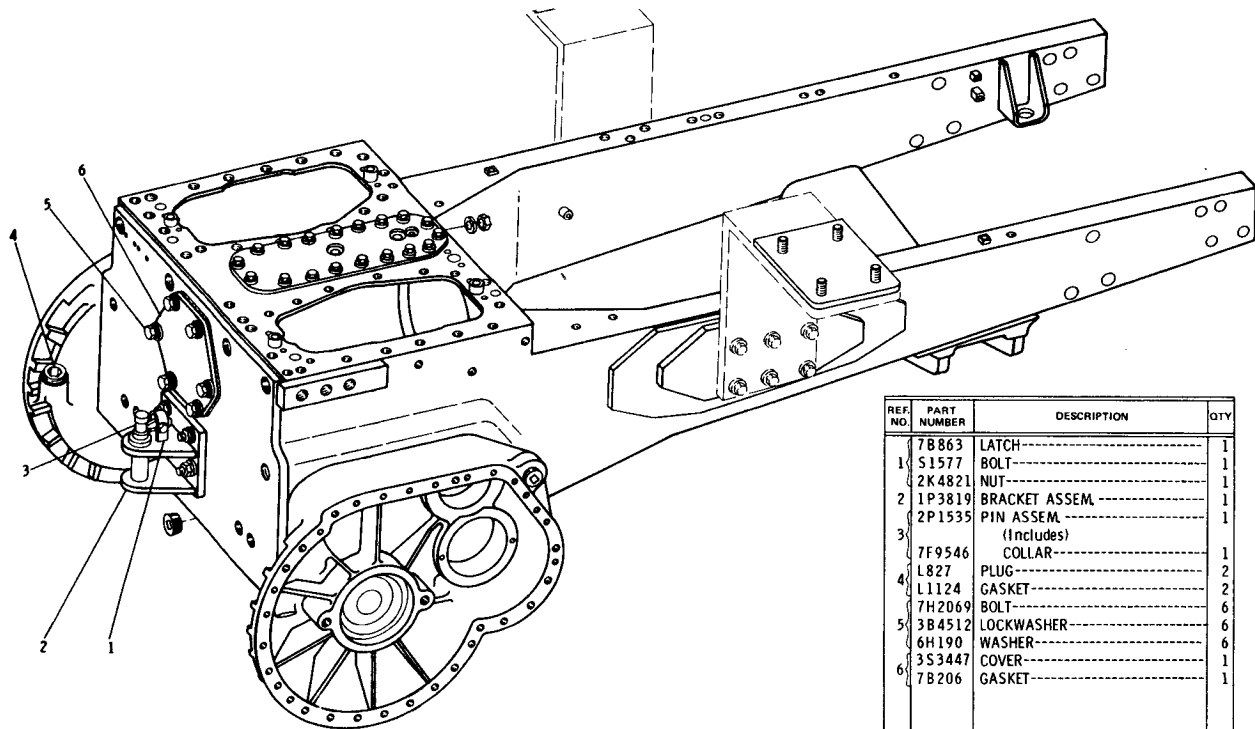


8P4173 FRAME AND CASE GROUP — Part 1

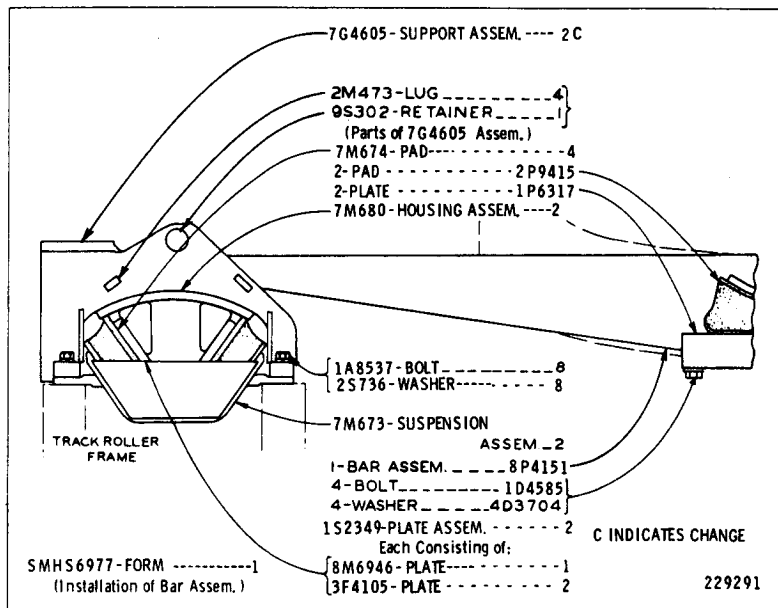
8P4173 FRAME AND CASE GROUP — Part 2

CHASSIS AND UNDERCARRIAGE

129



229297



8P4150 EQUALIZER BAR GROUP
6T8907 Pad Assembly is available

CONSISTS OF:

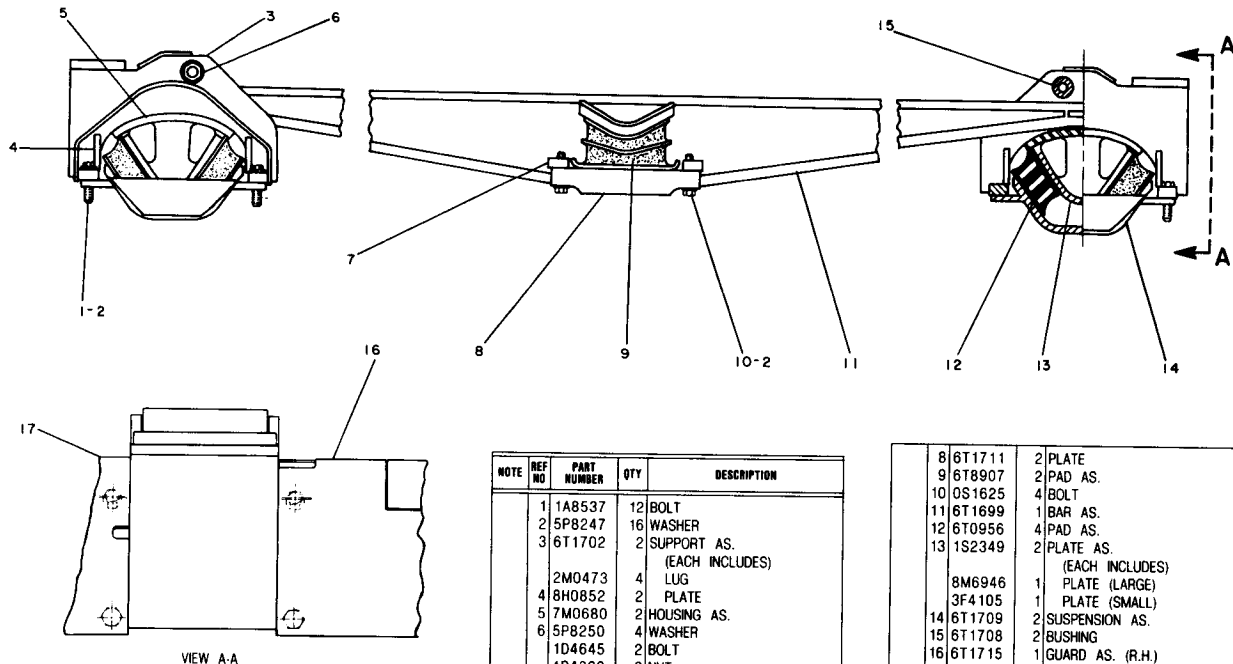
PAGE

1	9G6924	FENDER SUPPORT GROUP	140
4	1A458	BOLT--To PLATE ASSEMBLY	
1	9G6523	COVER ASSEMBLY--To FENDER	
1	9G6534	COVER ASSEMBLY--To FENDER	
4	V375	BOLT	
4	5P1076	WASHER	

6T3687 EQUALIZER BAR GROUP
An Attachment

CHASSIS AND UNDERCARRIAGE

130A

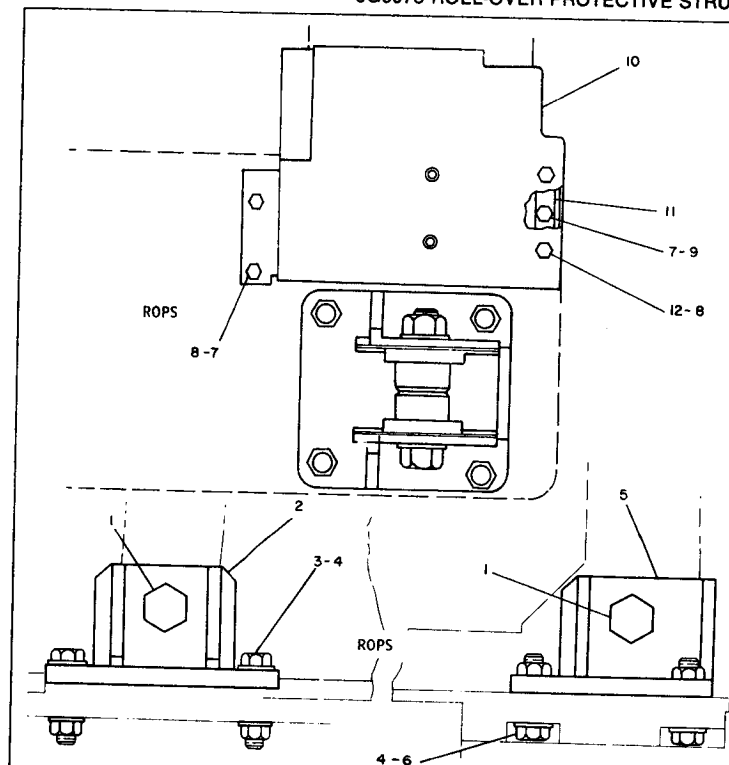


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1A8537	12	BOLT
	2	5P8247	16	WASHER
	3	6T1702	2	SUPPORT AS.
				(EACH INCLUDES)
		2M0473	4	LUG
	4	8H0852	2	PLATE
	5	7M0680	2	HOUSING AS.
	6	5P8250	4	WASHER
		1D4645	2	BOLT
		1B4333	2	NUT
	7	6T1710	4	SPACER

8	6T1711	2	PLATE
9	6T8907	2	PAD AS.
10	0S1625	4	BOLT
11	6T1699	1	BAR AS.
12	6T0956	4	PAD AS.
13	1S2349	2	PLATE AS.
			(EACH INCLUDES)
	8M6946	1	PLATE (LARGE)
	3F4105	1	PLATE (SMALL)
14	6T1709	2	SUSPENSION AS.
15	6T1708	2	BUSHING
16	6T1715	1	GUARD AS. (R.H.)
	6T1717	1	GUARD AS. (L.H.)
17	6T1714	2	GUARD

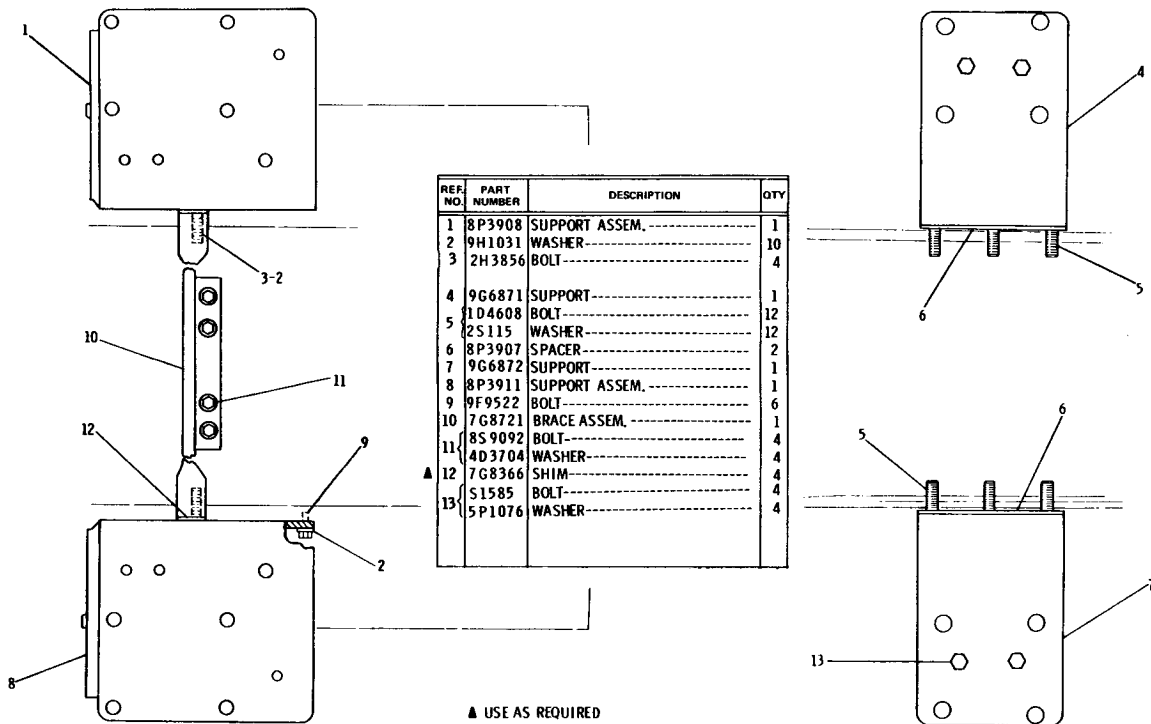
328347

9G6075 ROLL-OVER PROTECTIVE STRUCTURE MOUNTING GROUP



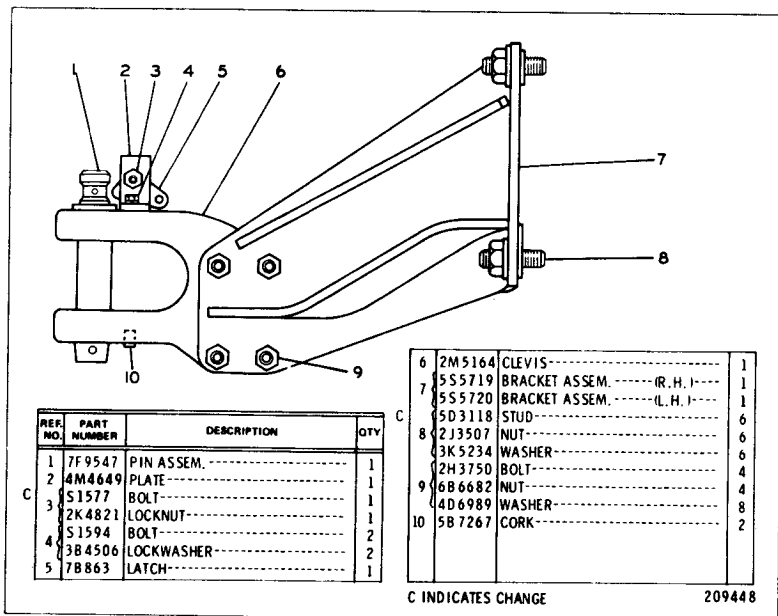
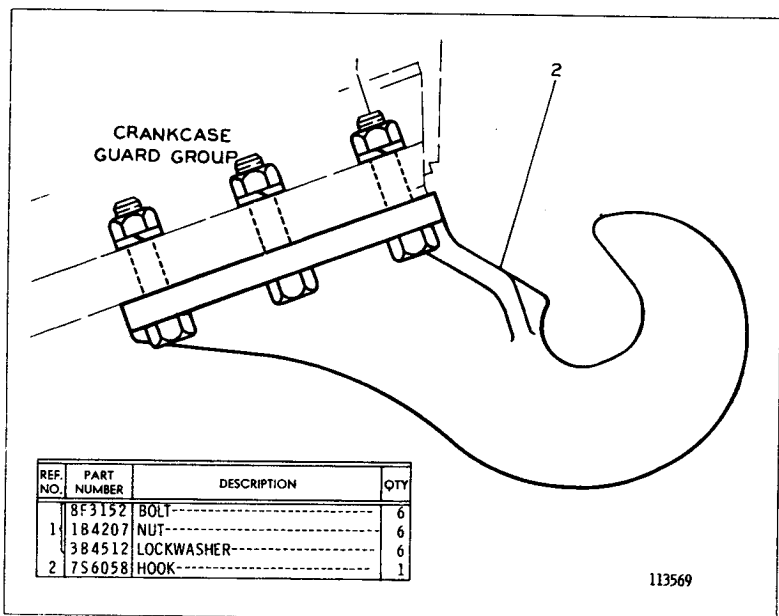
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1D4643	BOLT-----	4
	2J3507	NUT-----	4
	8J7415	WASHER-----	8
	8P2575	BUSHING-----	8
2	8P2539	PAD ASSEM.-----	2
3	3B2968	BOLT-----	8
4	2J3506	NUT-----	16
	2S115	WASHER-----	24
5	8P2536	PAD ASSEM.-----(R. H.)-----	1
	8P2537	PAD ASSEM.-----(L. H.)-----	1
6	1D4608	BOLT-----	8
7	S1594	BOLT-----	6
8	5P1075	WASHER-----	8
9	3B4506	LOCKWASHER-----	2
10	9G6873	COVER ASSEM.-----(R. H.)-----	1
	9G6880	COVER ASSEM.-----(L. H.)-----	1
11	9G6879	PLATE-----	2
12	L2070	BOLT-----	4

228644

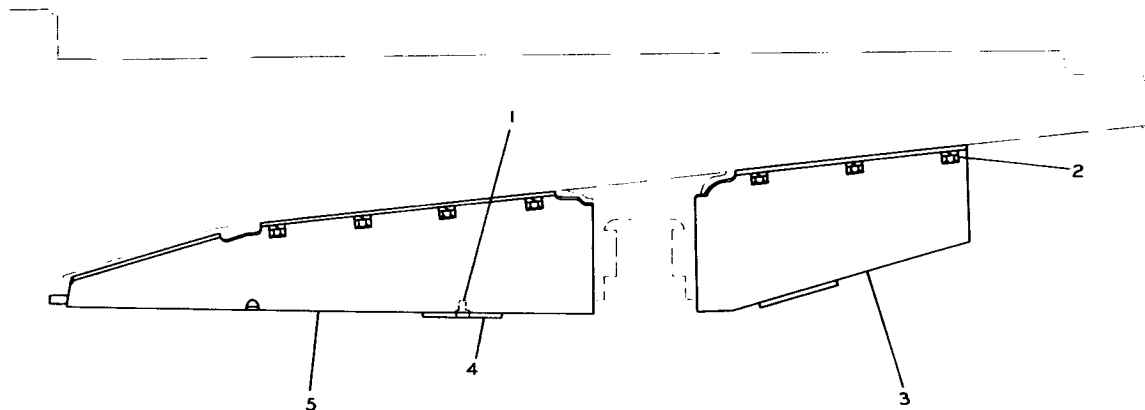


228643

9G6076 ROLL-OVER PROTECTIVE STRUCTURE MOUNTING GROUP

5M7811 FIXED DRAWBAR GROUP
AN ATTACHMENT

7B4464 FRONT PULL HOOK GROUP



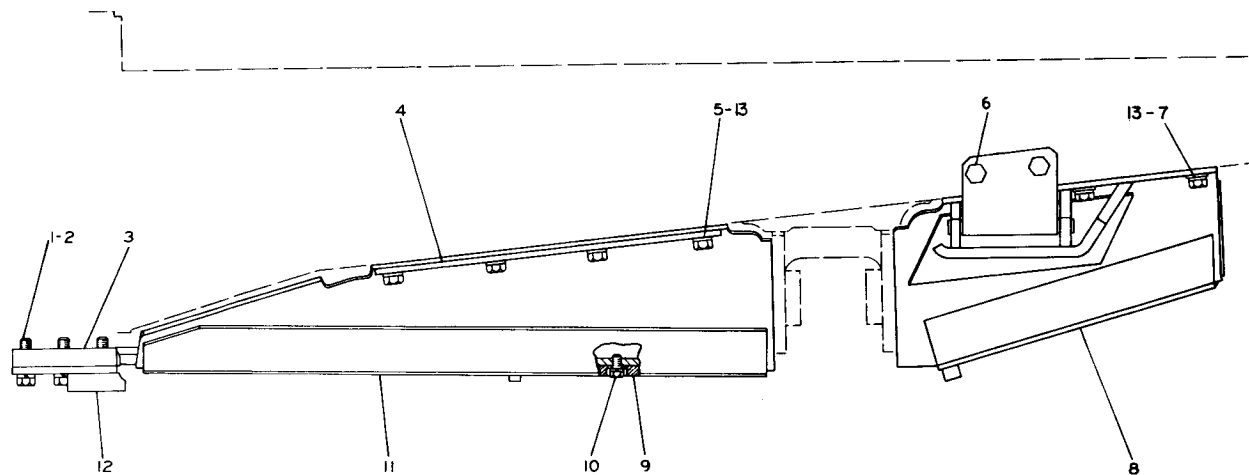
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	51621	BOLT-----	4
	384508	WASHER-----	4
	1A458	BOLT-----	14
2	384512	LOCKWASHER-----	14
	4B4283	WASHER-----	14

3	1P7257	GUARD ASSEM.-----	1
4	5A8101	COVER-----	2
5	1P7211	GUARD ASSEM.-----	1

115623

1P6998 CRANKCASE GUARD GROUP

3P526 CRANKCASE GUARD GROUP — Extreme Service
AN ATTACHMENT



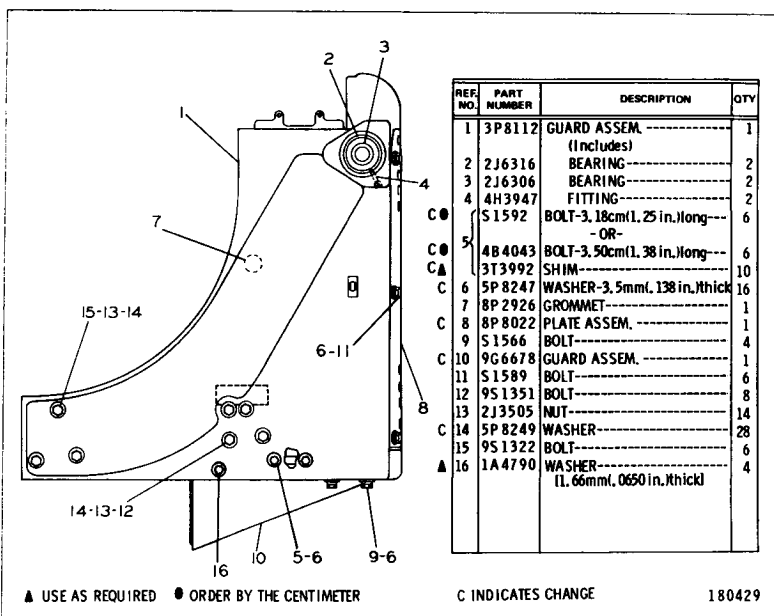
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4610	BOLT-----	6
2	3B4512	LOCKWASHER-----	6
3	5S1654	SPACER-----	2
4	3P1031	STRIP-----	2
5	L1178	BOLT-----	8

6	6F4991	BOLT-----	2
7	1A458	BOLT-----	4
8	3P601	GUARD ASSEM.-----	1
9	5S8101	COVER-----	2
10	S1621	BOLT-----	4
10	3B4508	LOCKWASHER-----	4

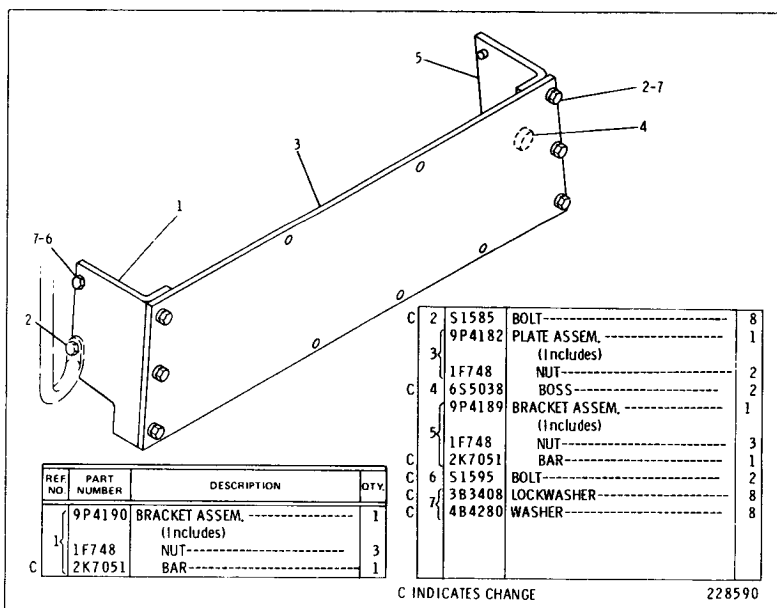
11	3P978	GUARD ASSEM.-----	1
12	5S1655	BRACKET ASSEM.----- (R.H.)-----	1
12	5S1656	BRACKET ASSEM.----- (L.H.)-----	1
13	5P8248	WASHER-----	12

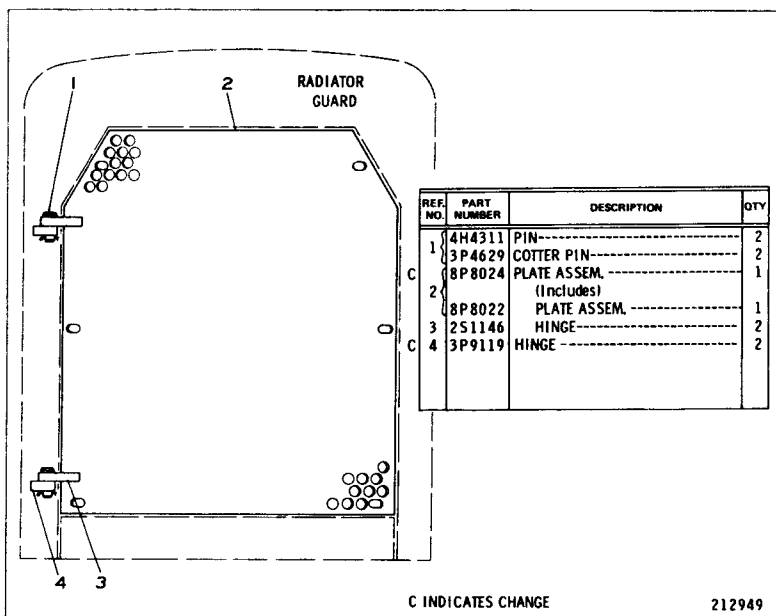
C INDICATES CHANGE

229328

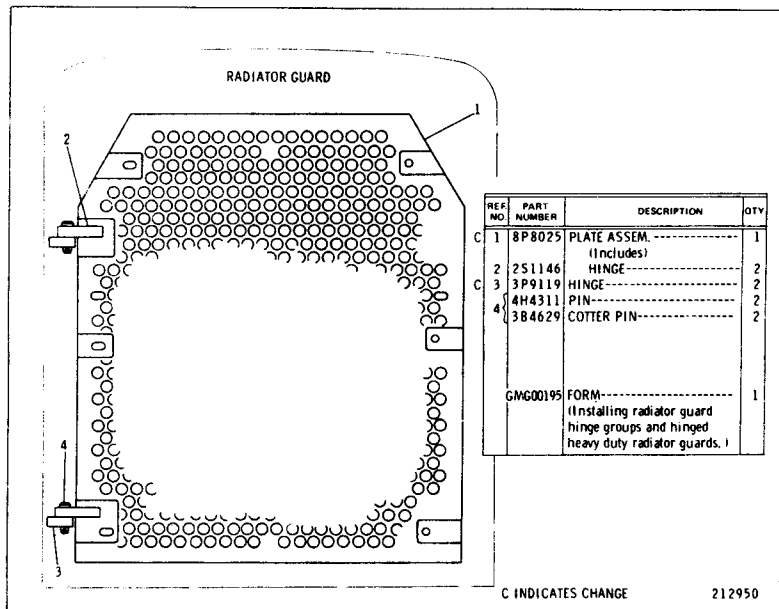


2P1563 RADIATOR GUARD GROUP

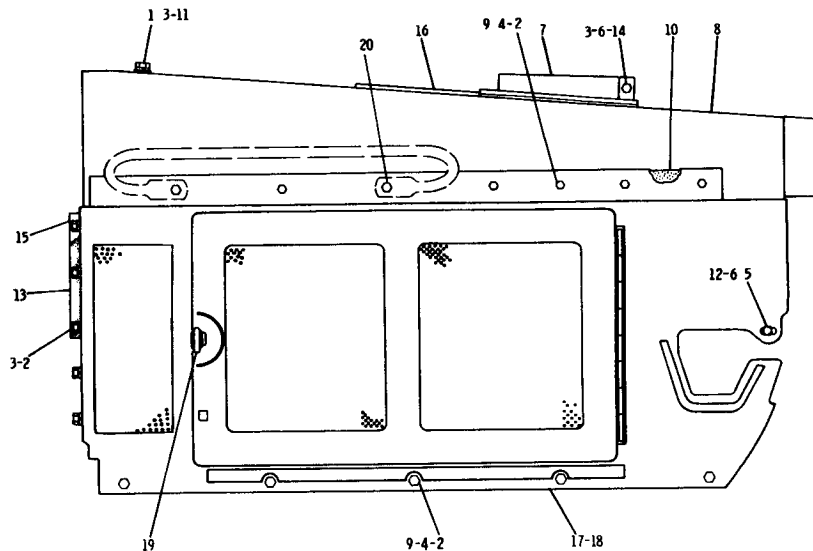
8P2141 FUEL TANK GUARD GROUP
AN ATTACHMENT



3P524 RADIATOR GRILL HINGED PLATE GROUP
AN ATTACHMENT



3P525 RADIATOR HINGED GUARD GROUP — Heavy Duty
AN ATTACHMENT



C INDICATES CHANGE

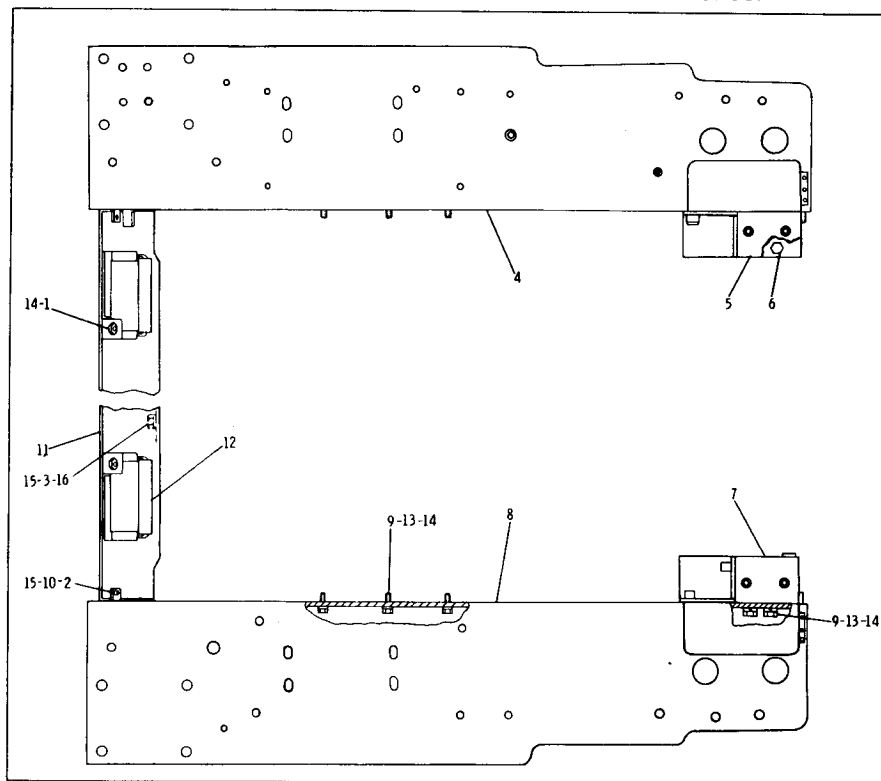
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S509	2	BOLT
	2	L1351	30	BOLT
C	3	3B4506	13	LOCKWASHER
	4	2K4973	20	LOCKNUT
C	5	3B1915	2	BOLT
C	6	1D4717	3	NUT
	7	8P4178	1	CLAMP AS.
	8	8P4346	1	HOOD AS.
	9	5M2894	20	WASHER
	10	8P6120	2	GASKET
C	11	4B4278	2	WASHER
C	12	8M4069	4	WASHER
D	13	5P5923		SEAL .23M(9.06IN.)
	14	S1594	1	BOLT
	15	8P4183	1	PLATE AS (R.H.)
		8P4185	1	PLATE AS. (L.H.)
				(EACH INCLUDES)
		9F2978	5	NUT
	16	8S2572	1	GROMMET
C	17	8P5046	1	ENCLOSURE ARM (L.H.)
C	18	8P5044	1	ENCLOSURE ARM (R.H.)
	19	9B1783	2	FASTENER
		4B7033	2	SPRING
		3B5301	2	COTTER PIN
		1A4784	2	WASHER
20		S1587	4	BOLT
		1D4719	4	NUT
		3B4508	4	LOCKWASHER
		4B4280	4	WASHER

D ORDER BY THE METER

313652

8P5649 ENGINE ENCLOSURE GROUP
AN ATTACHMENT

9G6904 FENDER GROUP

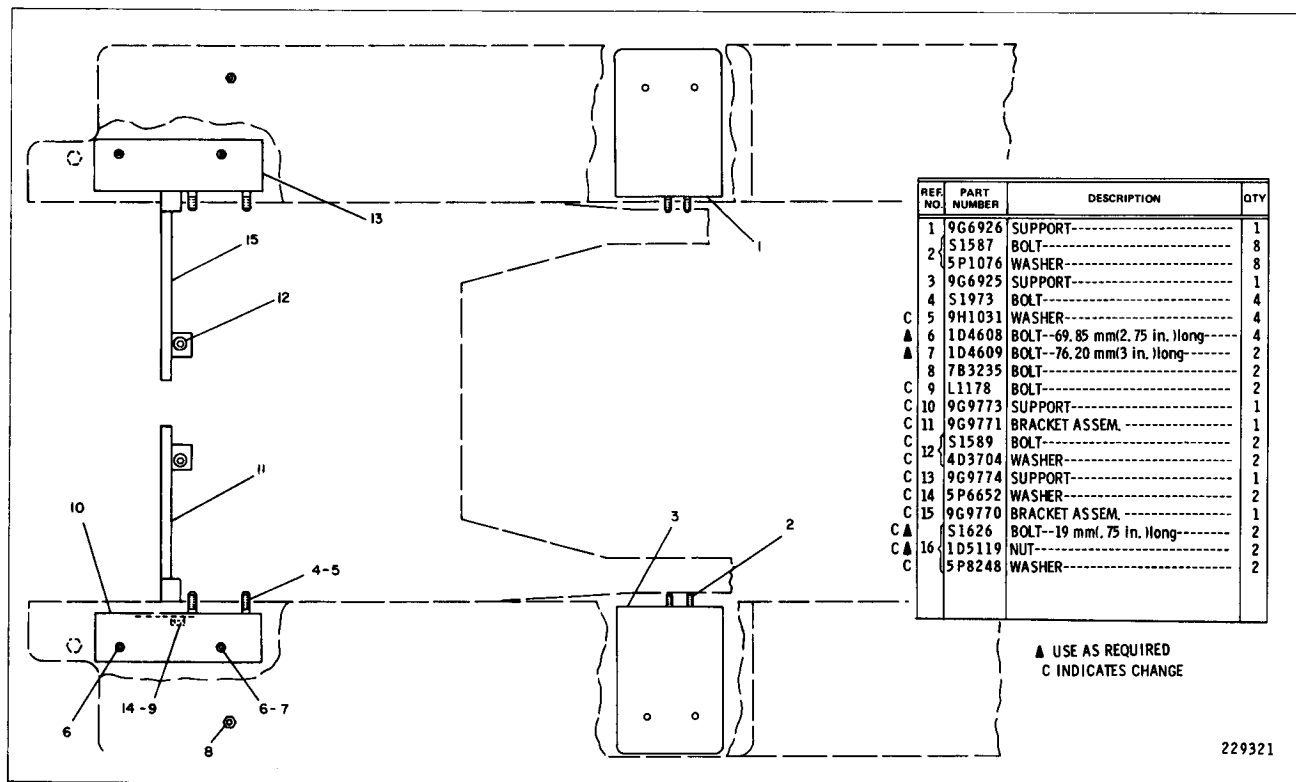


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6D1746	BOLT-----	2
1	3B4610	COTTER PIN-----	2
2	S509	BOLT-----	2
3	5P1075	WASHER----- (conical)-----	2
4	9G8015	FENDER ASSEM.-----	1
5	9G9235	SUPPORT ASSEM.-----	1
6	S1566	BOLT-----	6
6	3B4510	LOCKWASHER-----	6
7	9G9391	SUPPORT ASSEM.-----	1
8	9G8017	FENDER ASSEM.-----	1
9	S1595	BOLT-----	10
10	3B4506	LOCKWASHER-----	2
11	9P110	PLATE ASSEM.-----	1
		(Includes)	
12	9P109	HINGE-----	2
13	3B4508	LOCKWASHER-----	10
14	4B4280	WASHER-----	12
15	4B5271	WASHER-----	4
16	S1594	BOLT-----	2

C INDICATES CHANGE

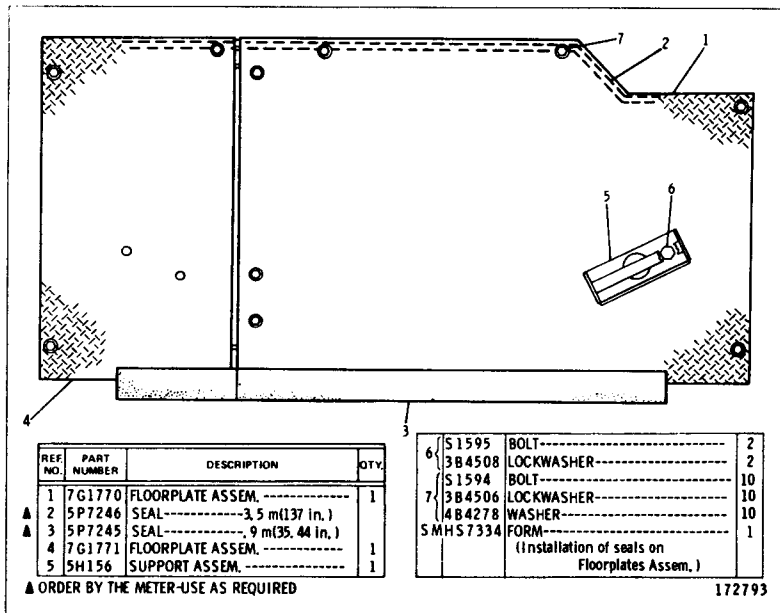
228642

CHASSIS AND UNDERCARRIAGE

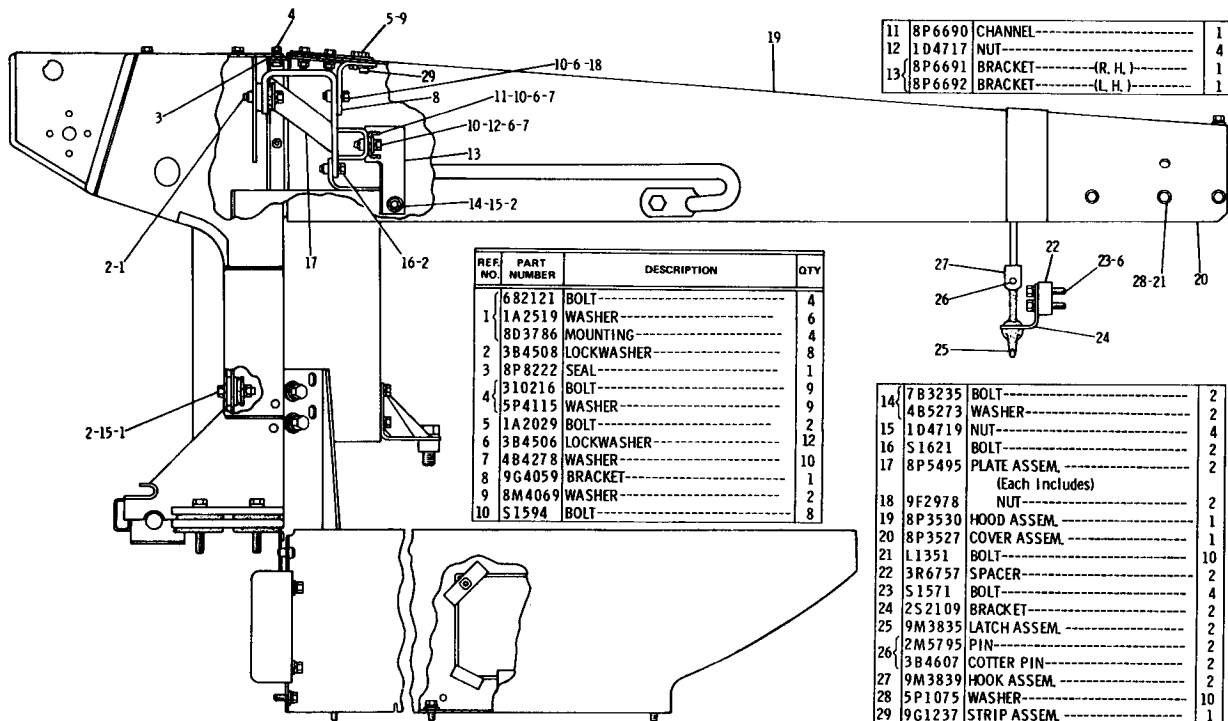


229321

9G6924 FENDER SUPPORT GROUP
 Part of 9G6923 Non ROPS Mounting Conversion Arrangement listed on Page 130
AN ATTACHMENT

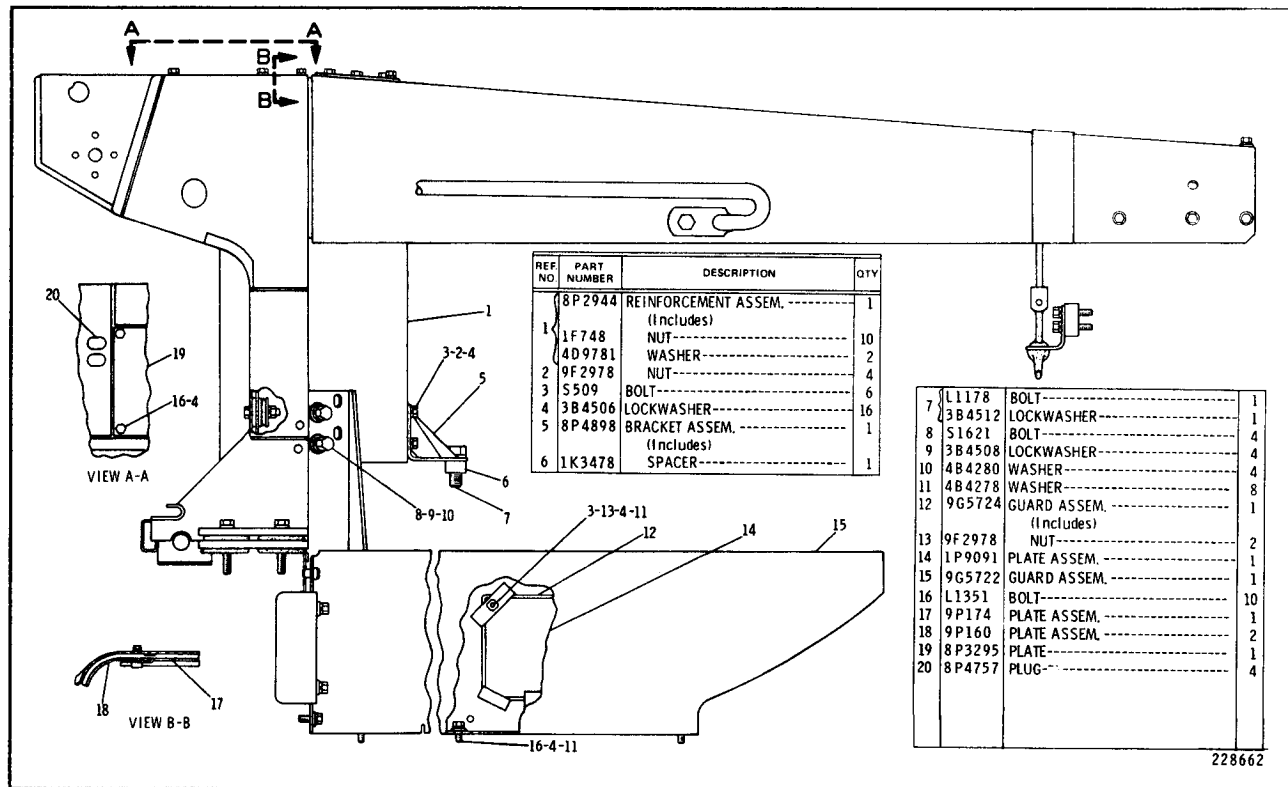


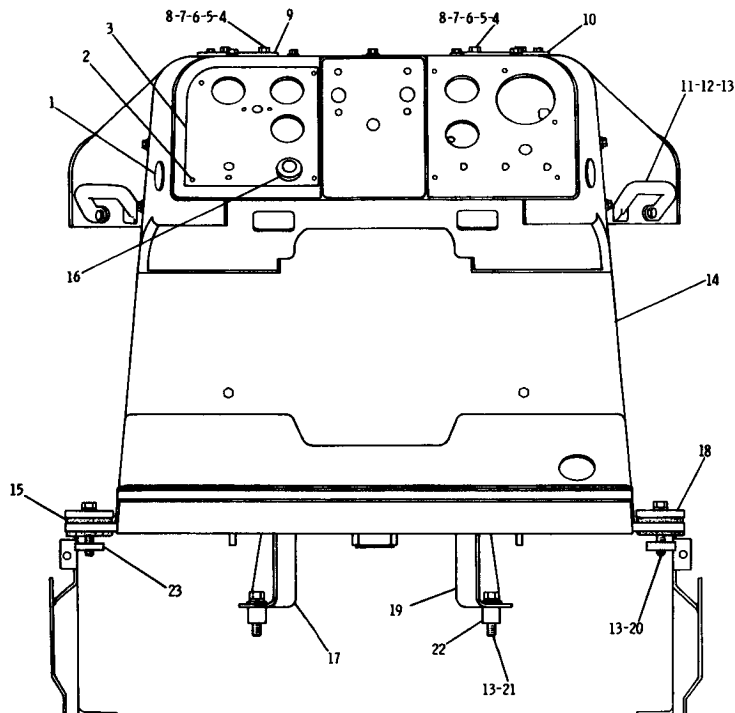
7G1775 FLOORPLATE GROUP



228661

9G7382 HOOD & DASH GROUP--PART 1 OF 3
 Serial No. 6X1115 To 6X1536 Inclusive





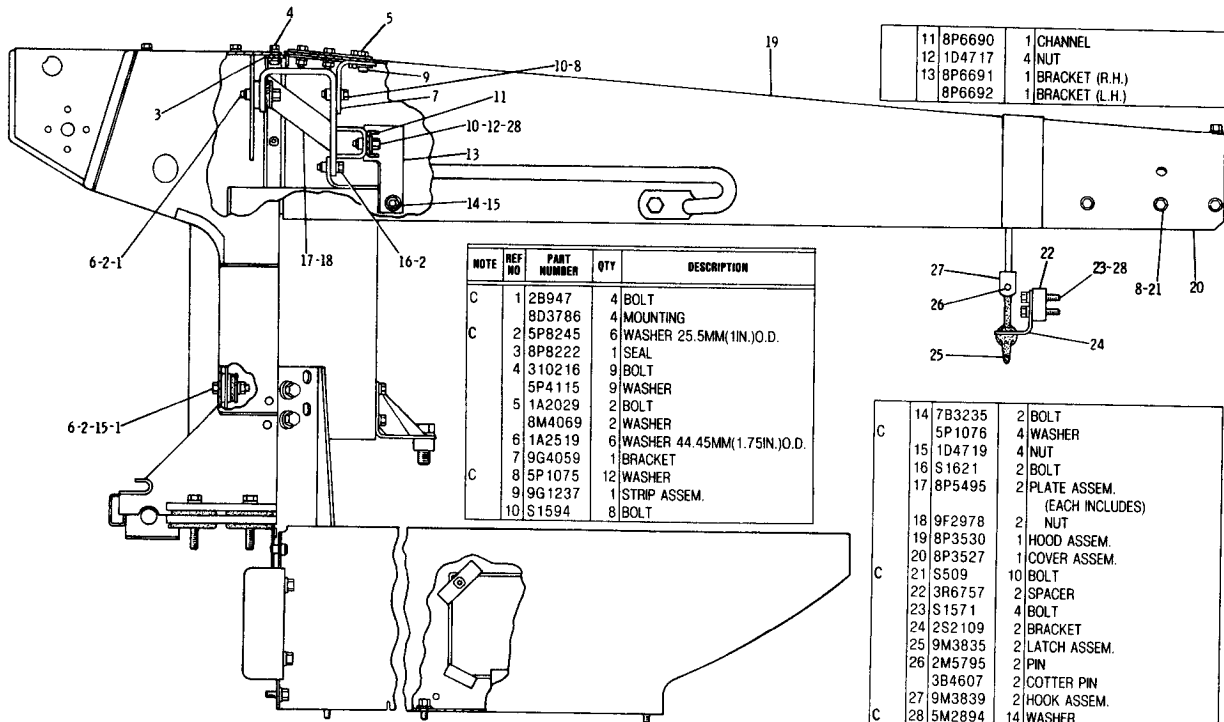
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4F8711	PLUG-----	2
2	7B3028	DRIVE SCREW-----	4
3	7V1566	PANEL-----	1
4	5509	BOLT-----	5
5	1D4717	NUT-----	5
6	3B4506	LOCKWASHER-----	5
7	4B4278	WASHER----- (small)-----	5
8	7K3222	WASHER----- (large)-----	5
9	2P9673	COVER----- (L. H.)-----	1
10	2P9674	COVER----- (R. H.)-----	1
11	7G2819	HANDLE-----	2
	51595	BOLT-----	2
12	4J4144	WASHER-----	2
	1D4719	NUT-----	2
13	3B4508	LOCKWASHER-----	8
14	7G9737	DASH ASSEM.-----	1
15	8P3595	BUSHING-----	8
16	5P4935	PLUG-----	1
17	8P8443	PLATE ASSEM.-----	1
18	8P3185	PLATE-----	2
19	8P8444	PLATE ASSEM.-----	1
20	L1329	BOLT-----	4
21	2B947	BOLT-----	2
	4B4280	WASHER-----	2
22	1F9341	SPACER-----	2
C 23	3T2302	PLATE-----	2

C INDICATES CHANGE

180456

9G7382 HOOD & DASH GROUP--PART 3 OF 3
 Serial No. 6X1115 To 6X1536 Inclusive

9G7382 HOOD & DASH GROUP-PART 1 OF 3
Serial No. 6X1537 To 6X1678 Inclusive

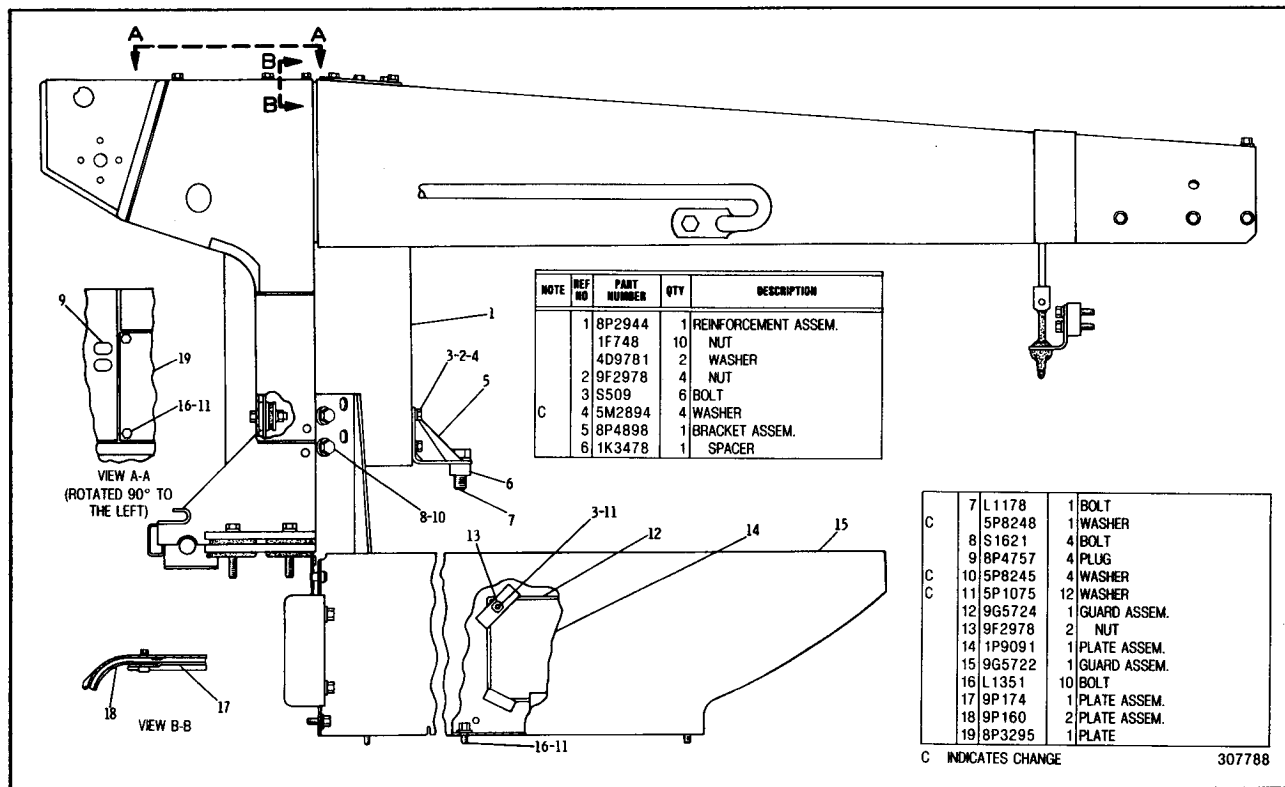


C INDICATES CHANGE

307787

CHASSIS AND UNDERCARRIAGE

144A

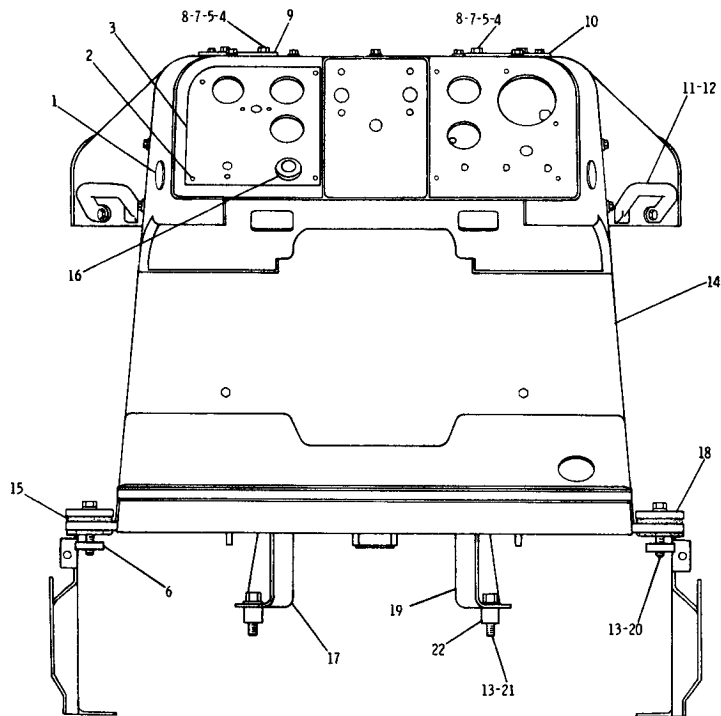


9G7382 HOOD & DASH GROUP—PART 2 OF 3
 Serial No. 6X1537 To 6X1678 Inclusive

9G7382 HOOD & DASH GROUP—PART 3 OF 3
 Serial No. 6X1537 To 6X1678 Inclusive

CHASSIS AND UNDERCARRIAGE

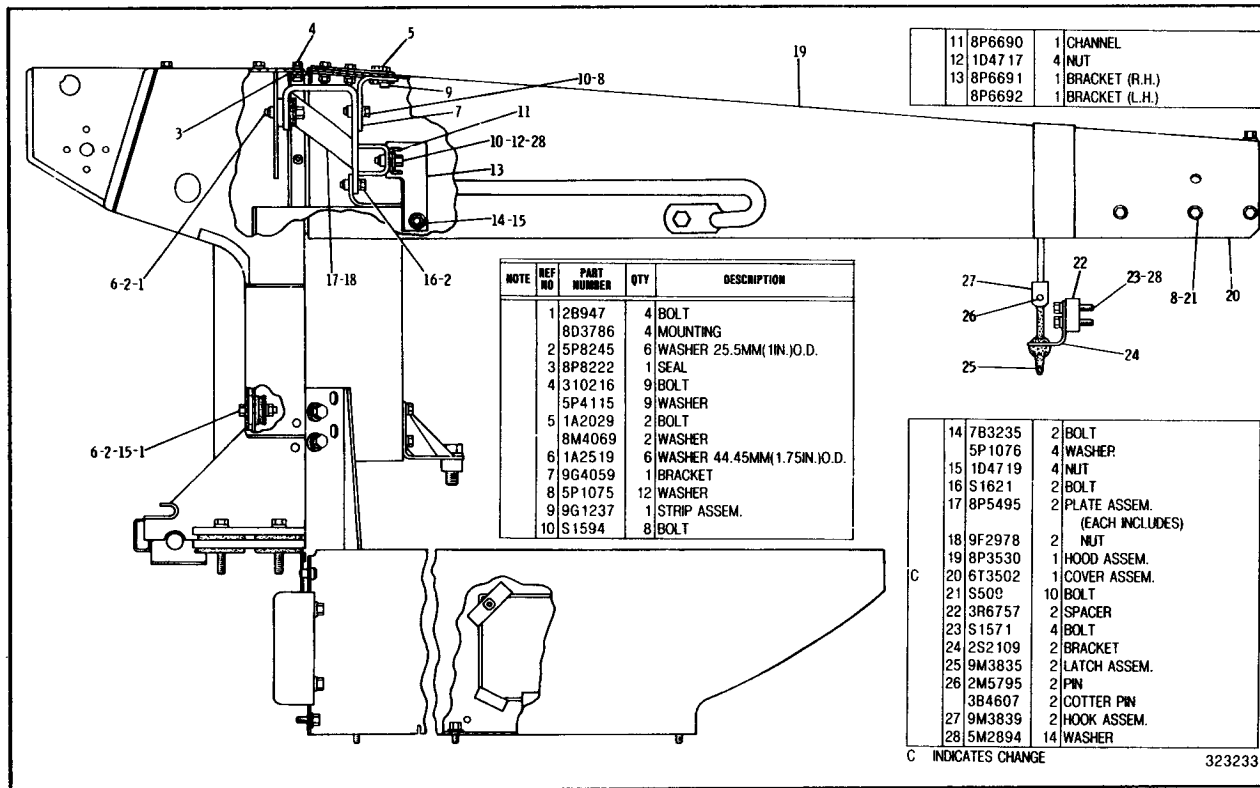
144C



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4F8711	2	PLUG
	2	7B3028	4	DRIVE SCREW
	3	7V1566	1	PANEL
	4	S509	5	BOLT
	5	1D4717	5	NUT
	6	3T2302	2	PLATE
C	7	5P1075	5	WASHER (SMALL)
	8	7K3222	5	WASHER (LARGE)
	9	2P9673	1	COVER (L.H.)
	10	2P9674	1	COVER (R.H.)
	11	7G2819	2	HANDLE
	12	S1595	2	BOLT
C		5P1076	4	WASHER
		1D4719	2	NUT
C	13	5P8245	6	WASHER
	14	7G9737	1	DASH ASSEM.
	15	8P3595	8	BUSHING
C	16	3T7856	1	PLUG
	17	8P8443	1	PLATE ASSEM.
	18	8P3185	2	PLATE
	19	8P8444	1	PLATE ASSEM.
	20	L1329	4	BOLT
	21	1A1460	2	BOLT
	22	1F9341	2	SPACER

C INDICATES CHANGE

307789

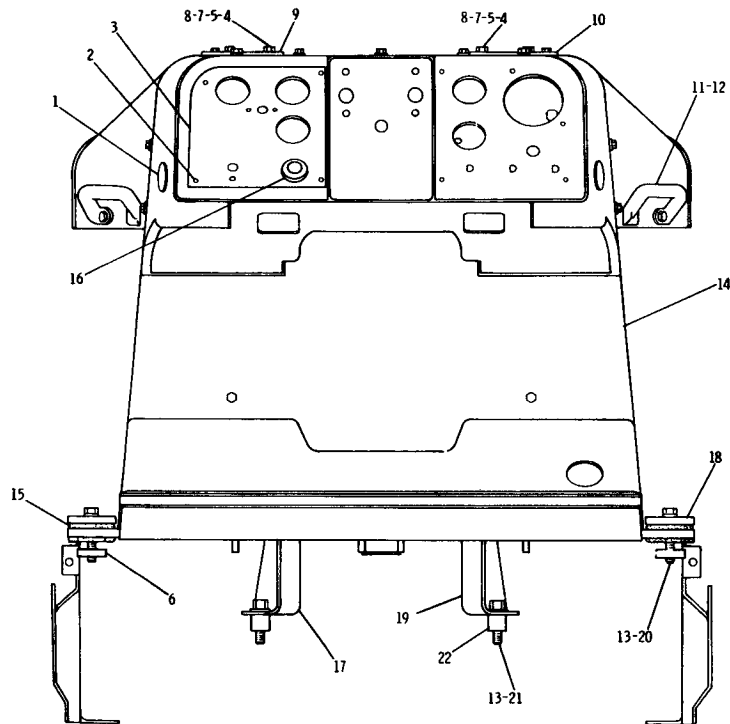


9G7382 HOOD & DASH GROUP--PART 1 OF 3
Serial No. 6X1679-Up

CHASSIS AND UNDERCARRIAGE

144E





NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	4F8711	2	PLUG
	2	7B3028	4	DRIVE SCREW
	3	6T5810	1	PANEL
	4	S509	5	BOLT
	5	1D4717	5	NUT
	6	3T2302	2	PLATE
	7	5P1075	5	WASHER (SMALL)
	8	7K3222	5	WASHER (LARGE)
	9	2P9673	1	COVER (L.H.)
	10	2P9674	1	COVER (R.H.)
	11	7G2819	2	HANDLE
	12	S1595	2	BOLT
		5P1076	4	WASHER
		1D4719	2	NUT
	13	5P8245	6	WASHER
	14	7G9737	1	DASH ASSEM.
	15	8P3595	8	BUSHING
	16	3T7856	1	PLUG
	17	8P8443	1	PLATE ASSEM.
	18	8P3185	2	PLATE
	19	8P8444	1	PLATE ASSEM.
	20	L1329	4	BOLT
	21	1A1460	2	BOLT
	22	1F9341	2	SPACER

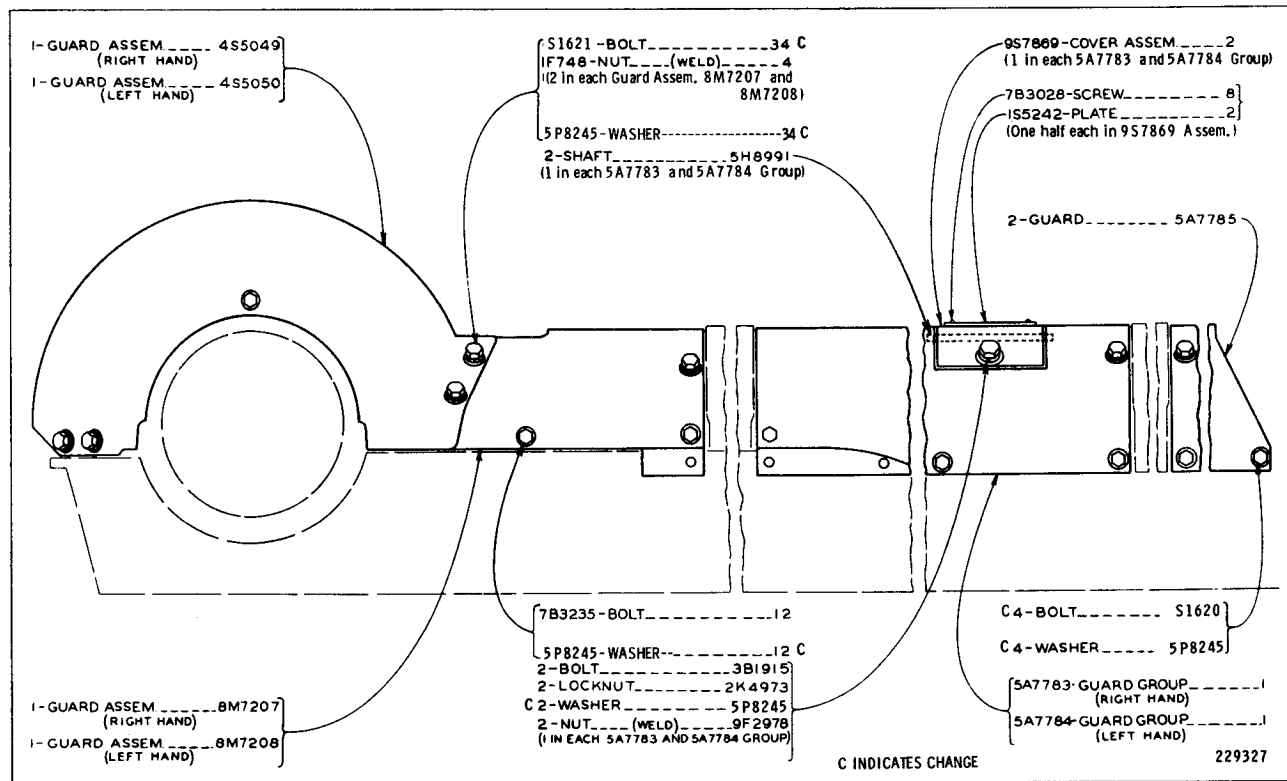
C INDICATES CHANGE

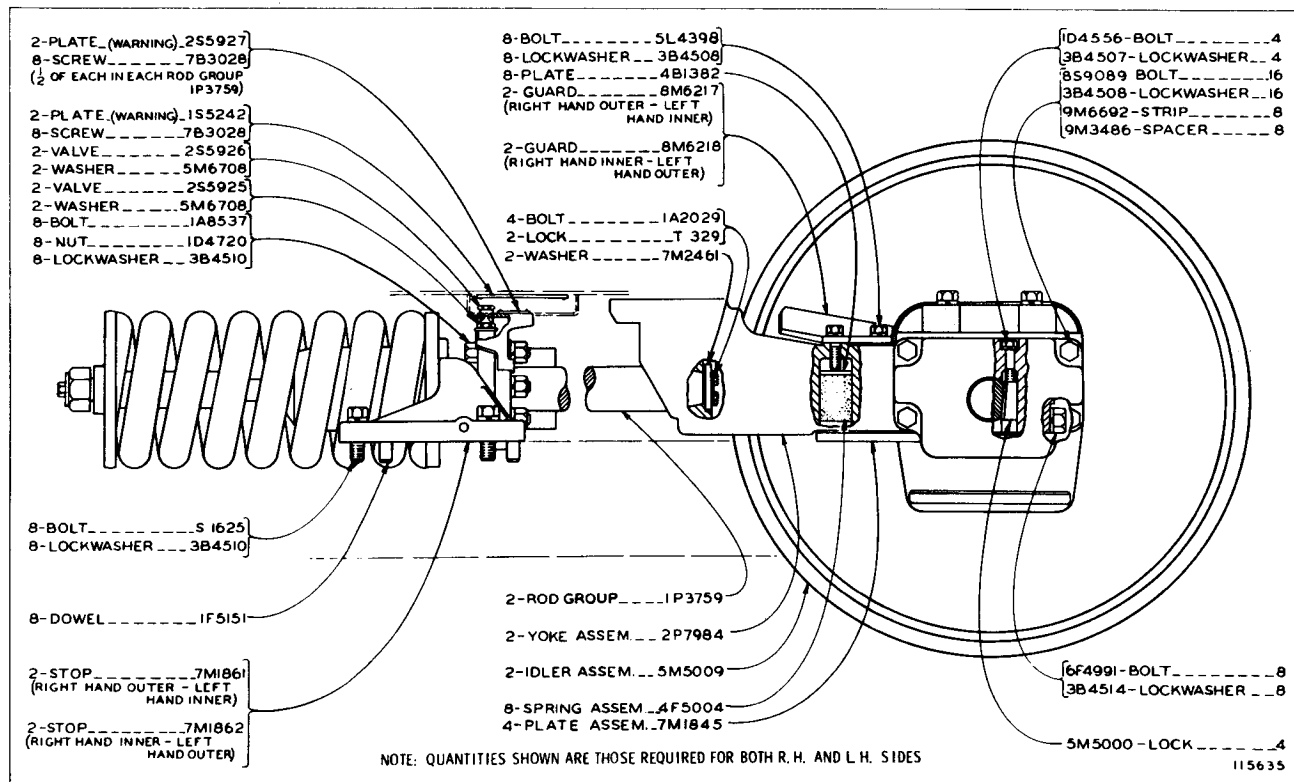
323235

9G7382 HOOD & DASH GROUP—PART 3 OF 3
 Serial No. 6X1679-Up

5A7778 RECOIL MECHANISM GUARD GROUP

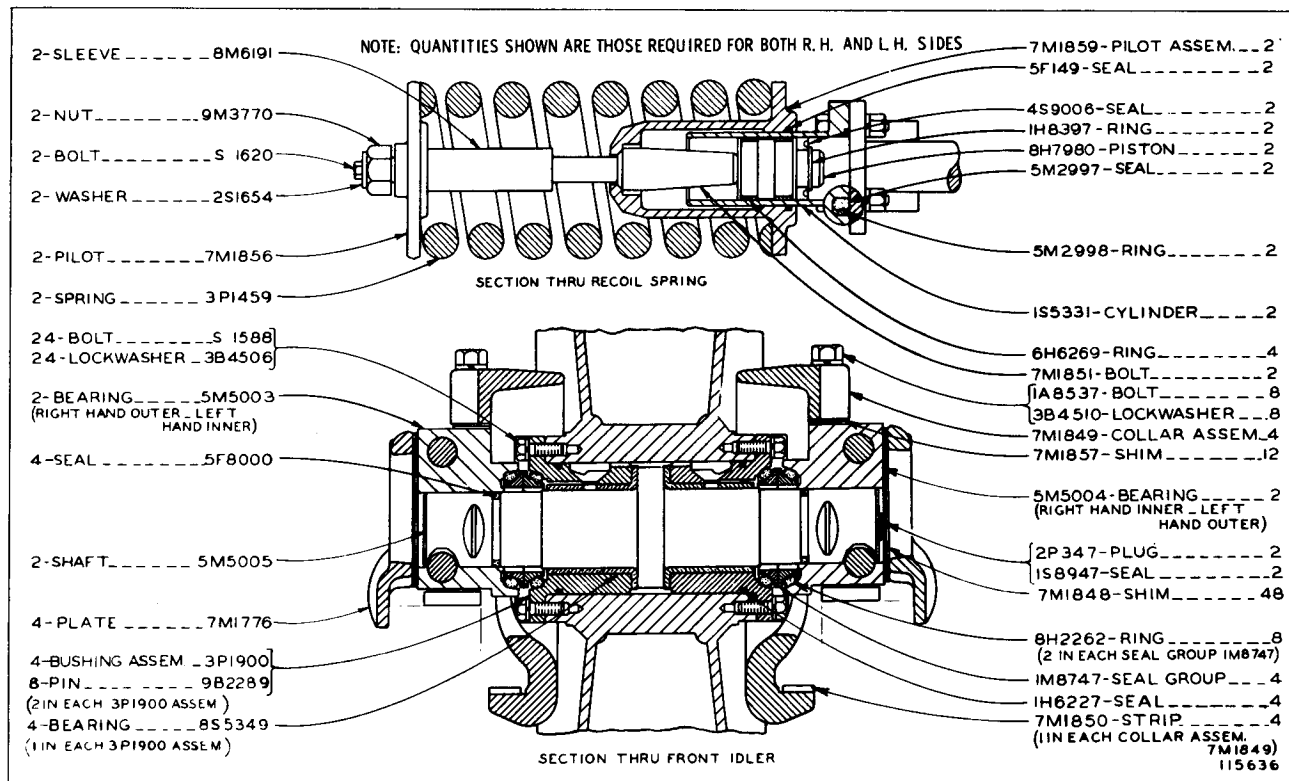
Note: Quantities shown are those required for both R.H. and L.H. Sides

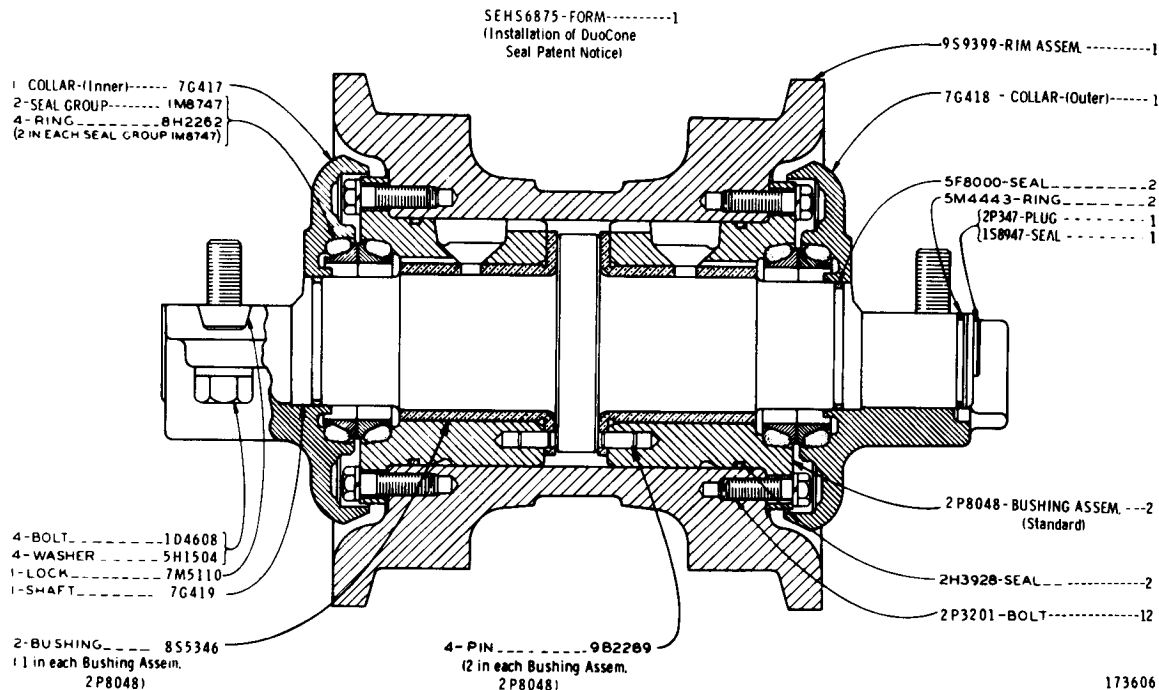




5A8085 FRONT IDLER GROUP -- Part 1

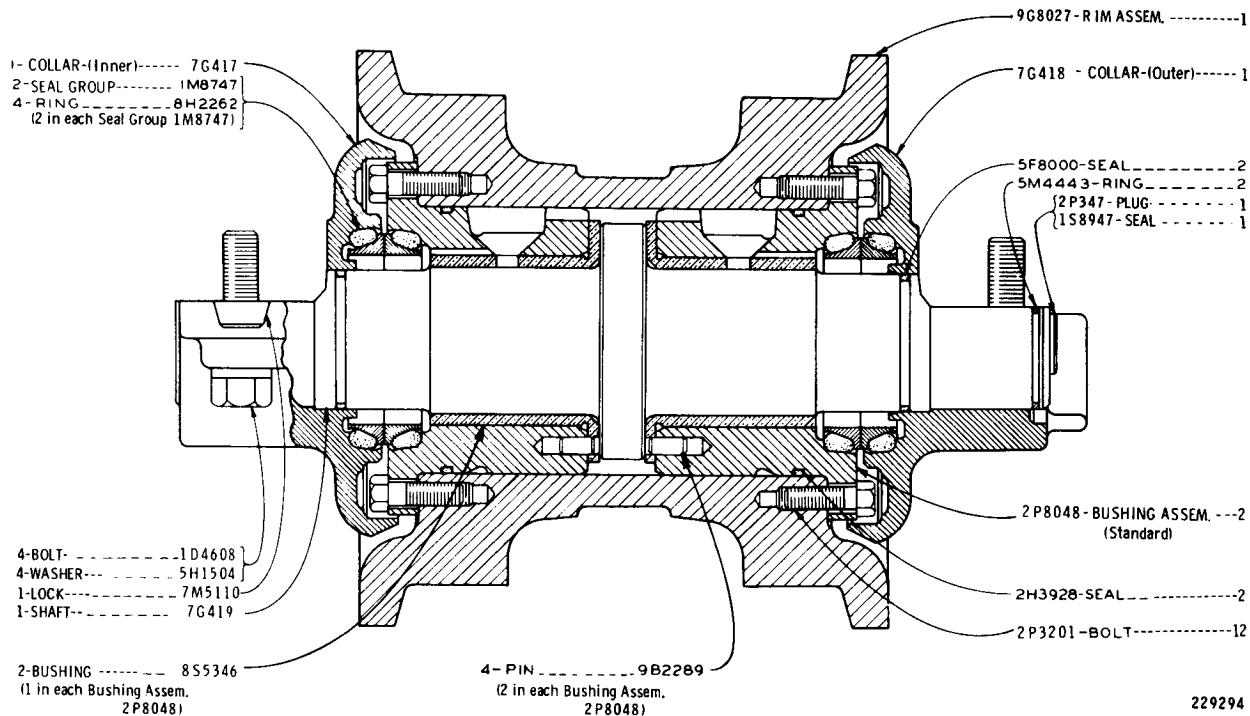
5A8085 FRONT IDLER GROUP — Section Views — Part 2

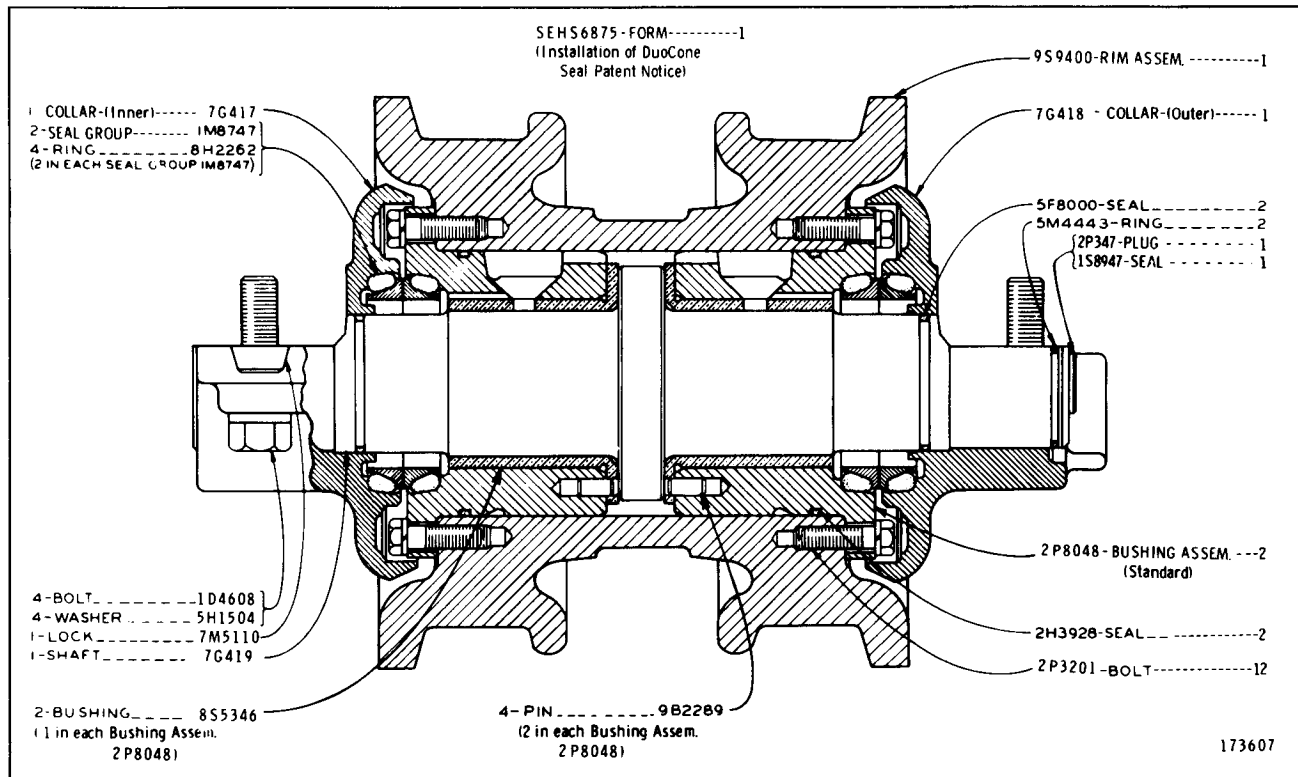




7G421 TRACK ROLLER GROUP—Single Flange—6 Required
Serial No. 6X1115 to 6X1157 inclusive

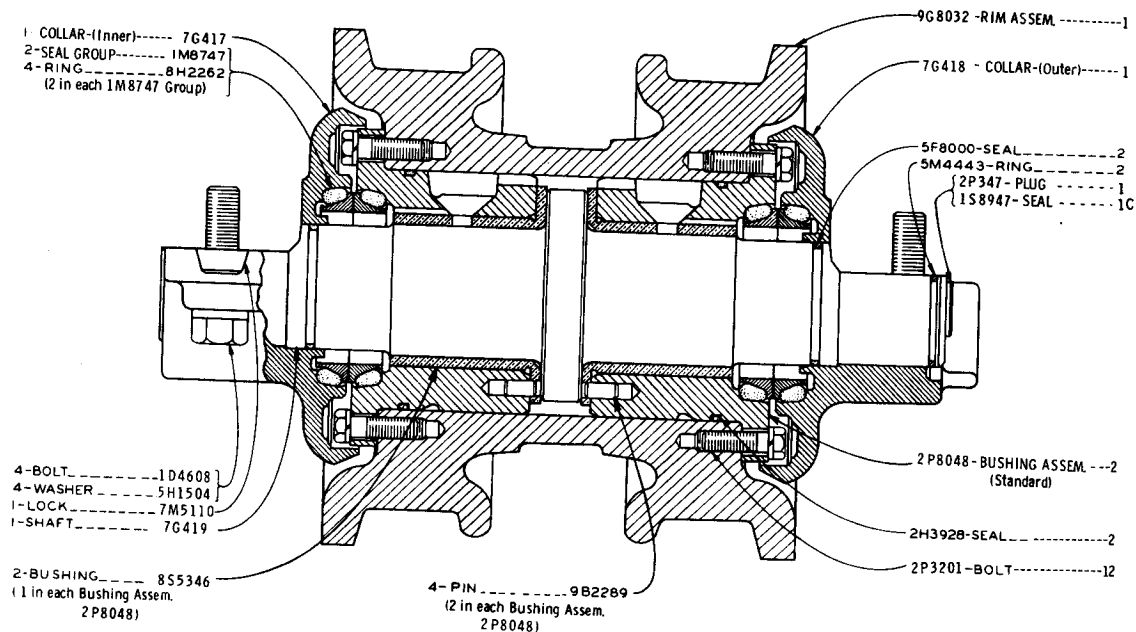
9G8029 TRACK ROLLER GROUP—Single Flange—6 Required
Serial No. 6X1158—Up





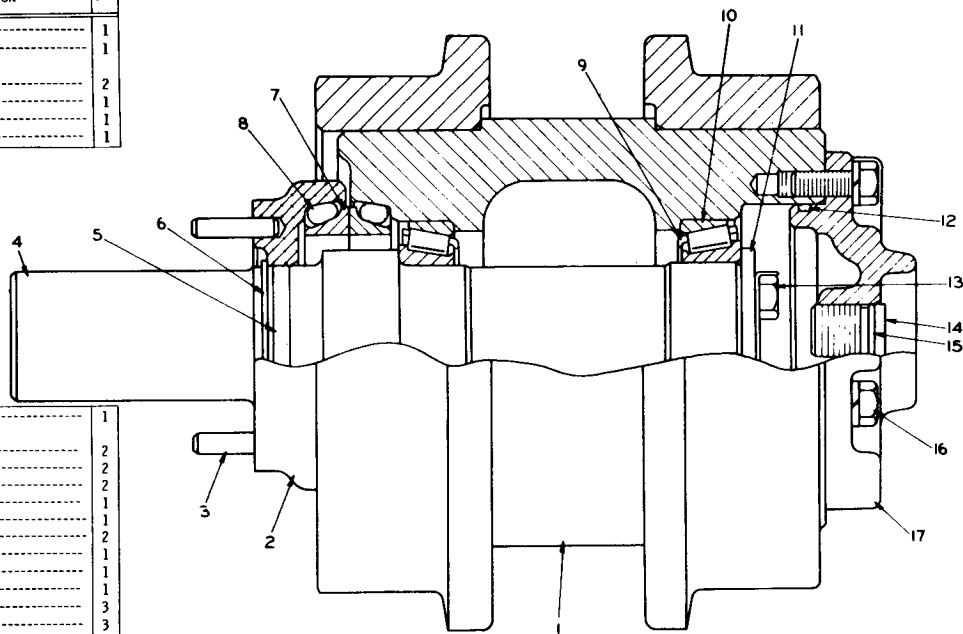
7G423 TRACK ROLLER GROUP—Double Flange—8 Required
Serial No. 6X1115 to 6X1122 inclusive

9G8034 TRACK ROLLER GROUP—Double Flange—8 Required
Serial No. 6X1123—Up



313547

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S8320	ROLLER ASSEM.-----	1
2	9S3567	COLLAR ASSEM.-----	1
		(Includes)	
3	1M4291	DOWEL-----	2
4	9S3565	SHAFT-----	1
5	1H9696	SEAL-----	1
6	1M7914	RING-----	1



7	1M8747	SEAL GROUP-----	1
		(Includes)	
8	8H2262	SEAL-----	2
9	9S3582	CONE-----	2
10	9S3581	CUP-----	2
11	8P6188	PLATE-----	1
12	2H6338	SEAL-----	1
13	T703	BOLT-----	2
	T329	LOCK-----	1
14	2P347	PLUG-----	1
15	1S8947	SEAL-----	1
	S1594	BOLT-----	3
16	3B4506	LOCKWASHER-----	3
17	5M2043	COVER-----	1

C INDICATES CHANGE

220503

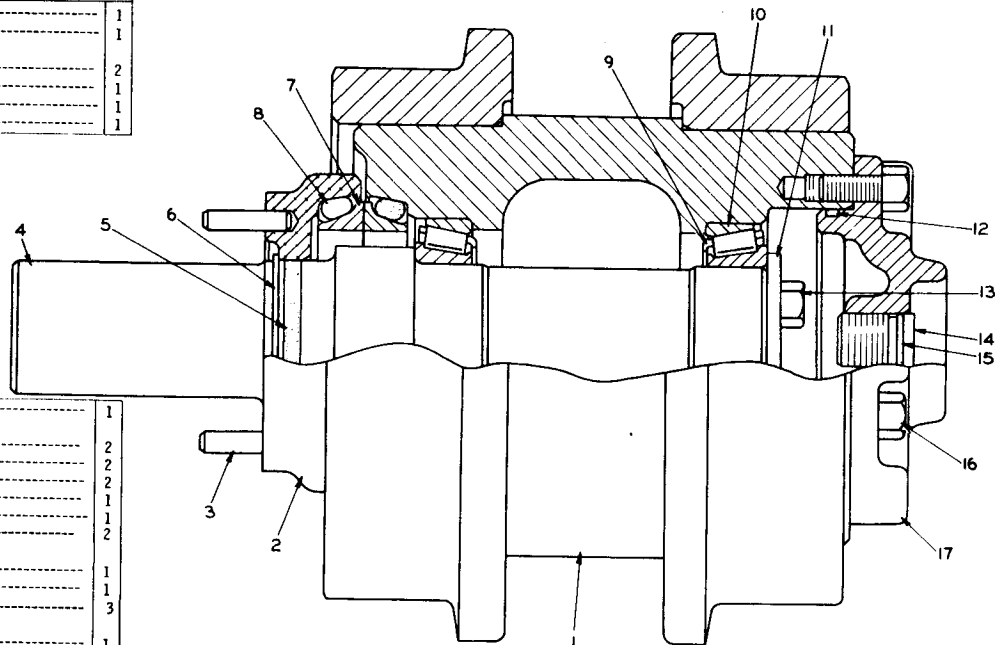
9S2730 TRACK CARRIER ROLLER GROUP—4 Required
Serial No. 6X1115 to 6X1336 inclusive

3T3206 TRACK CARRIER ROLLER GROUP—4 Required
Serial No. 6X1337—Up

CHASSIS AND UNDERCARRIAGE

150A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9S8320	ROLLER ASSEM.-----	1
2	9S3567	COLLAR ASSEM.-----	1
		(Includes)	
3	1M4291	DOWEL-----	2
4	3T3207	SHAFT-----	1
5	1H9696	SEAL-----	1
6	1M7914	RING-----	1

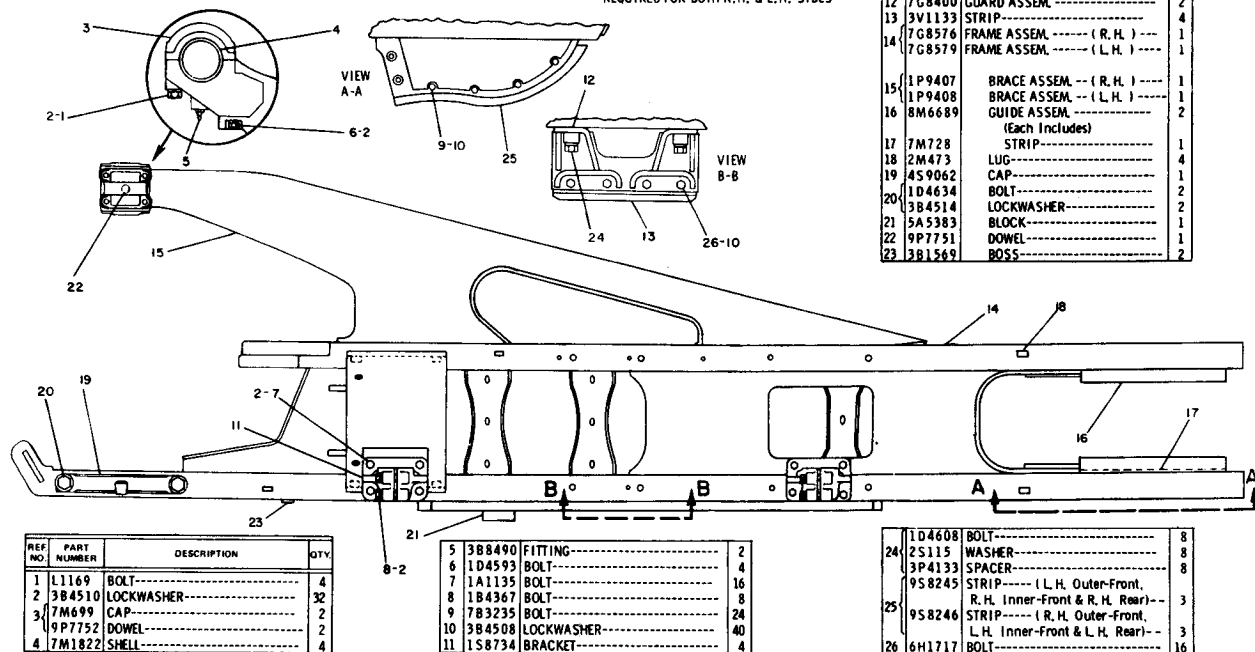


7	1M8747	SEAL GROUP-----	1
		(Includes)	
8	8H2262	SEAL-----	2
9	9S3582	CONE-----	2
10	9S3581	CUP-----	2
11	8P6188	PLATE-----	1
12	2H6338	SEAL-----	1
13	5K9107	BOLT-----	2
14	2P347	PLUG-----	1
15	1S8947	SEAL-----	1
16	S1594	BOLT-----	3
17	5M2043	COVER-----	1

232910

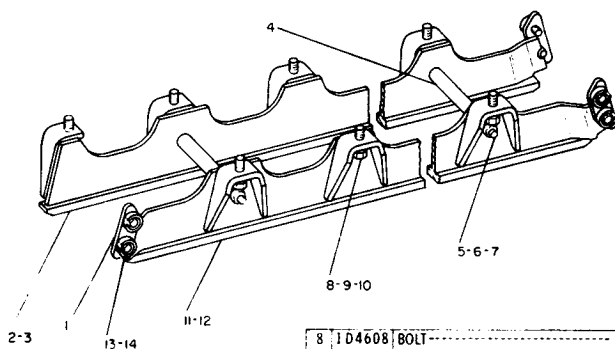
7G8571 TRACK ROLLER FRAME GROUP

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



173609

CHASSIS AND UNDERCARRIAGE



REF NO	PART NUMBER	DESCRIPTION	QTY
1	2M4668	RETAINER-----	6
2	7G8527	GUARD ASSEM. --- (Inner R.H.)--	1
3	7G8532	GUARD ASSEM. --- (Inner L.H.)--	1
4	7M2530	TUBE-----	8
5	7M2531	ROD-----	8
6	1B4206	NUT-----	16
7	3B4510	LOCKWASHER-----	16

8	1D4608	BOLT-----	26
9	3P4133	SPACER-----	26
10	2S115	WASHER-----	26
11	7G8533	GUARD ASSEM. --- (outer R.H.)--	1
12	7G8528	GUARD ASSEM. --- (outer L.H.)--	1
13	51595	BOLT-----	12
14	3B4508	LOCKWASHER-----	12

175003

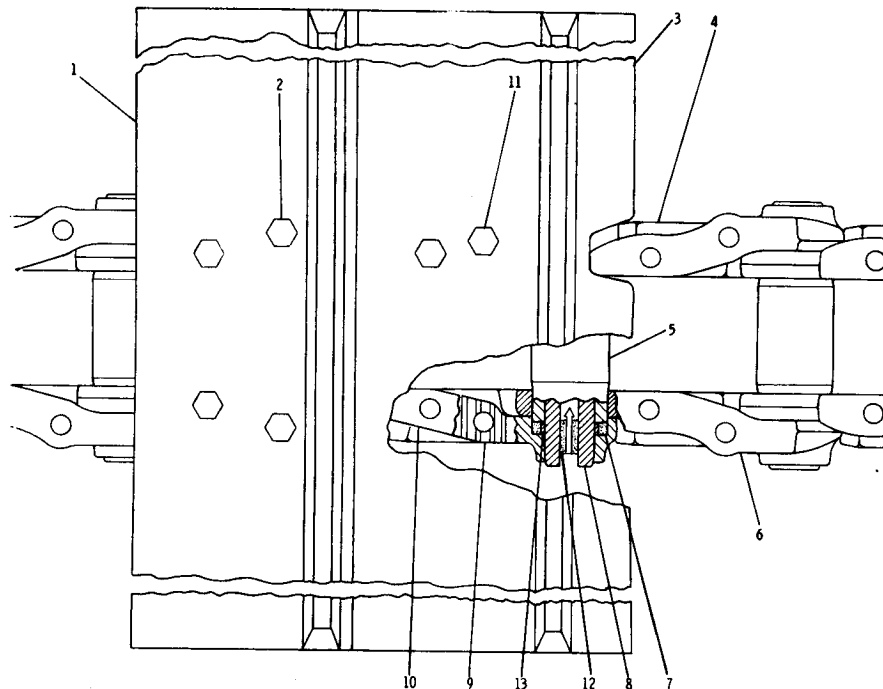
7G8529 TRACK ROLLER GUARD GROUP

CONSISTS OF:

- 36 3P1109 BUSHING-TRACK
- 72 6T1529 SEAL ASSEMBLY
- 36 9G1642 STOPPER
- 36 7G4408 PLUG

6T3580 SEAL & BUSHING GROUP-TRACK
Field Installation

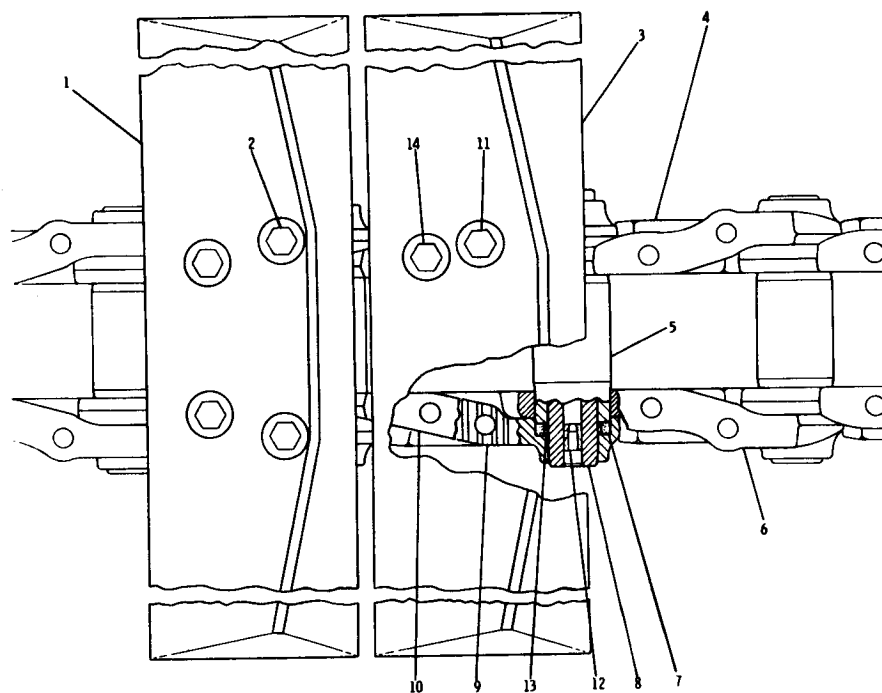
3P1151 TRACK GROUP — 927 mm (36.50 in.) — Grouser Shoe — 2 Required — Sealed and Lubricated



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P2062	SHOE-----	40
2	1S1859	BOLT-----	160
	1S1860	NUT-----	160
3	3P1132	SHOE----- (master)	1
4	3P1110	LINK ASSEM.-----	1
4	(Includes)		
	3P1113	LINK----- (L. H.)	40
5	3P1109	BUSHING-----	41
6	3P1112	LINK----- (R. H.)	40
7	3P1107	SEAL ASSEM.-----	82
8	3P1108	PIN-----	41
9	3P1114	LINK----- (master)	1
	(R. H. - Pin End)		
9	3P1115	LINK----- (master)	1
	(L. H. - Pin End)		
10	3P1116	LINK----- (master)	1
	(R. H. - Bushing End)		
10	3P1117	LINK----- (master)	1
	(L. H. - Bushing End)		
11	9S1838	BOLT-----	4
12	3P3080	PLUG----- (black)	41
	3P1103	STOPPER-----	41
12	- OR -		
	7G4408	PLUG----- (clear)	41
13	9G1642	STOPPER-----	41
	3P1104	RING-----	82

C INDICATES CHANGE

229304



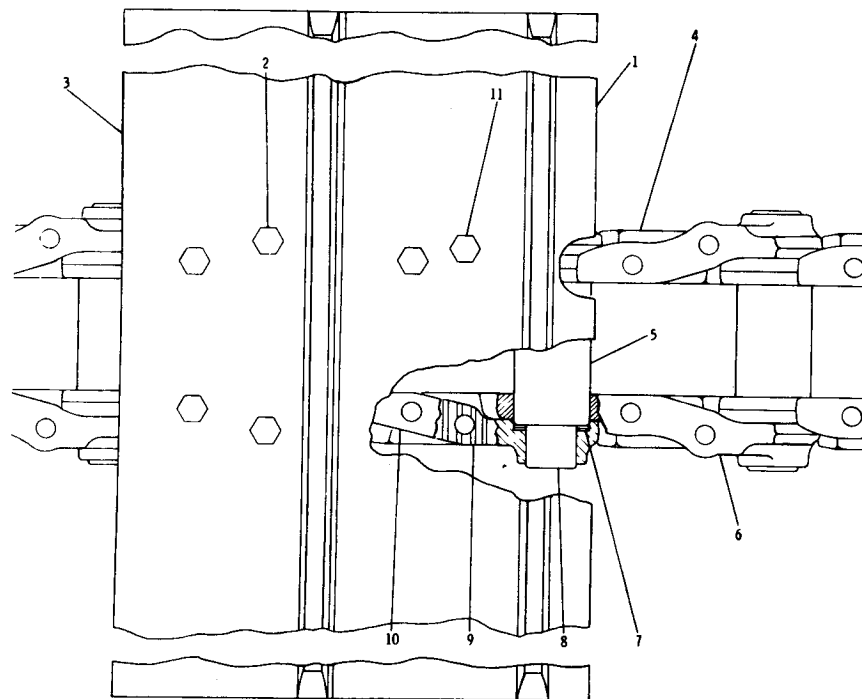
REF. NO.	PART NUMBER	DESCRIPTION	QTY	
1	3P1134	SHOE-----	40	
C	5A7524	BOLT-----90.06 mm(3.90 in.) long	80	
2	1S1859	BOLT-----54.61 mm(2.15 in.) long	80	
C	1S1860	NUT-----	160	
3	3P1133	SHOE----- (master)	1	
	3P1119	LINK ASSEM.-----	1	
4		(Includes)		
	3P1113	LINK----- (L. H.)-----	40	
5	3P1109	BUSHING-----	41	
6	3P1112	LINK----- (R. H.)-----	40	
C	7	3P1107	SEAL ASSEM.-----	82
8	3P1108	PIN-----	41	
	3P1114	LINK----- (master)	1	
		(R. H. -PIN END)		
9	3P1115	LINK----- (master)	1	
		(L. H. -PIN END)		
	3P1116	LINK----- (master)	1	
		(R. H. -BUSHING END)		
10	3P1117	LINK----- (master)	1	
		(L. H. -BUSHING END)		
11	3P1111	BOLT-----138.93 mm(5.47 in.) long	2	
	3P3080	PLUG----- (short)	41	
	3P1103	STOPPER-----	41	
12		- OR -		
C	7G4408	PLUG----- (long)	41	
C	9G1642	STOPPER-----	41	
13	3P1104	RING-----	82	
14	8S1838	BOLT-107.2mm(4.22 in.) long	2	

C INDICATES CHANGE

229308

3P1150 TRACK GROUP — 927 mm (36.50 in.) — LGP Shoe — 2 Required — Sealed and Lubricated
AN ATTACHMENT

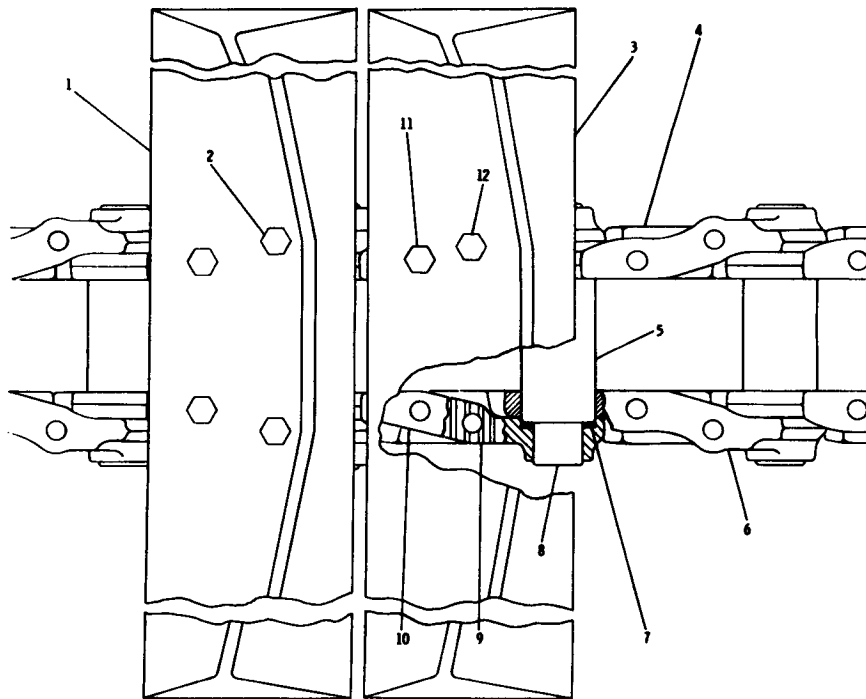
3P1101 TRACK GROUP — 927 mm (36.50 in.) — Grouser Shoe — 2 Required — Sealed Non-Lubricated
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3P1132	SHOE------(master)-----	1
2	1S1859	BOLT-----	160
2	1S1860	NUT-----	160
C 3	1P2062	SHOE-----	40
4	3P5927	LINK ASSEM.-----	1
4		(Includes)	
4	3P1113	LINK----- (L. H.)-----	40
5	4M5991	BUSHING-----	41
6	3P1112	LINK----- (R. H.)-----	40
7	8M7231	SEAL-----	164
8	4M5989	PIN-----	41
9	3P1114	LINK------(master)-----	1
9		(R. H. -Pin End)	
9	3P1115	LINK------(master)-----	1
9		(L. H. -Pin End)	
10	3P1116	LINK------(master)-----	1
10		(R. H. -Bushing End)	
10	3P1117	LINK------(master)-----	1
10		(L. H. -Bushing End)	
11	9S1838	BOLT-----	4

C INDICATES CHANGE

157690



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3P1134	SHOE-----	40
2	5A7524	BOLT---3.90 in. (99.06 mm) long	80
2	1S1859	BOLT---2.15 in. (54.76 mm) long	80
	1S1860	NUT-----	160
3	3P1133	SHOE----- (master)	1
3	3P1087	LINK ASSEM.-----	1
4		(Includes)	
4	3P1113	LINK----- (L. H.)-----	40
5	4M5991	BUSHING-----	41
6	3P1112	LINK----- (R. H.)-----	40
7	8M7231	SEAL-----	164
8	4M5989	PIN-----	41
	3P1114	LINK----- (master)	1
		(R. H. - Pin End)	
9	3P1115	LINK----- (master)	1
		(L. H. - Pin End)	
	3P1116	LINK----- (master)	1
		(R. H. - Bushing End)	
10	3P1117	LINK----- (master)	1
		(L. H. - Bushing End)	
11	9S1838	BOLT---4.22 in. (107.18 mm) long	2
12	3P1111	BOLT---5.47 in. (138.93 mm) long	2

150006

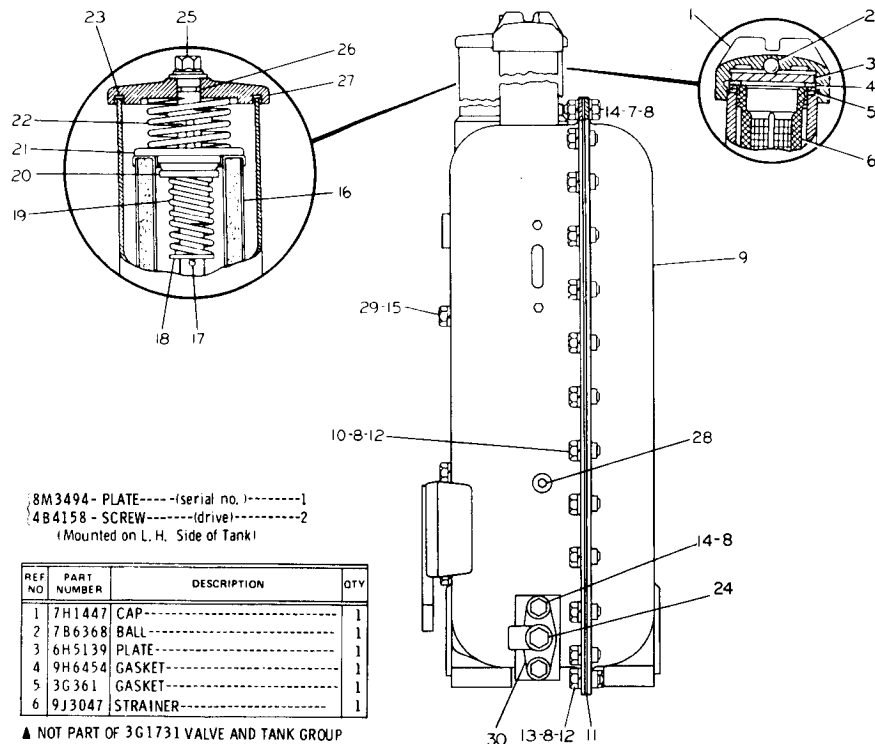
3P1102 TRACK GROUP — 927 mm (36.50 in.) — LGP Shoe — Sealed Non-Lubricated
AN ATTACHMENT

CONSISTS OF:		PAGE
1	8P4157 HYDRAULIC TANK MOUNTING GROUP	164
1	9P2410 BULLDOZER LINES GROUP	179
1	8P4167 PUMP LINES GROUP	174
1	8P5038 IMPLEMENT LINKAGE GROUP	184
1	3G1731 VALVE AND TANK GROUP	158
1	3G4768 GEAR PUMP GROUP	173
1	7S4128 FILM	
1	 FORM SMHS6817	

9P7023 HYDRAULIC CONTROL ARRANGEMENT — Bulldozer

CONSISTS OF:		PAGE
1	8P4157 HYDRAULIC TANK MOUNTING GROUP	164
1	9P2410 BULLDOZER LINES GROUP	179
1	8P5039 IMPLEMENT LINKAGE GROUP	185
1	3G1732 VALVE AND TANK GROUP	160
1	8P4167 PUMP LINES GROUP	174
1	9P477 TILT CYLINDER LINES GROUP	183
1	3G4768 GEAR PUMP GROUP	173
1	7S4128 FILM	
1	 FORM SMHS6817	

9P7022 HYDRAULIC CONTROL ARRANGEMENT — Bulldozer and Blade Tilt

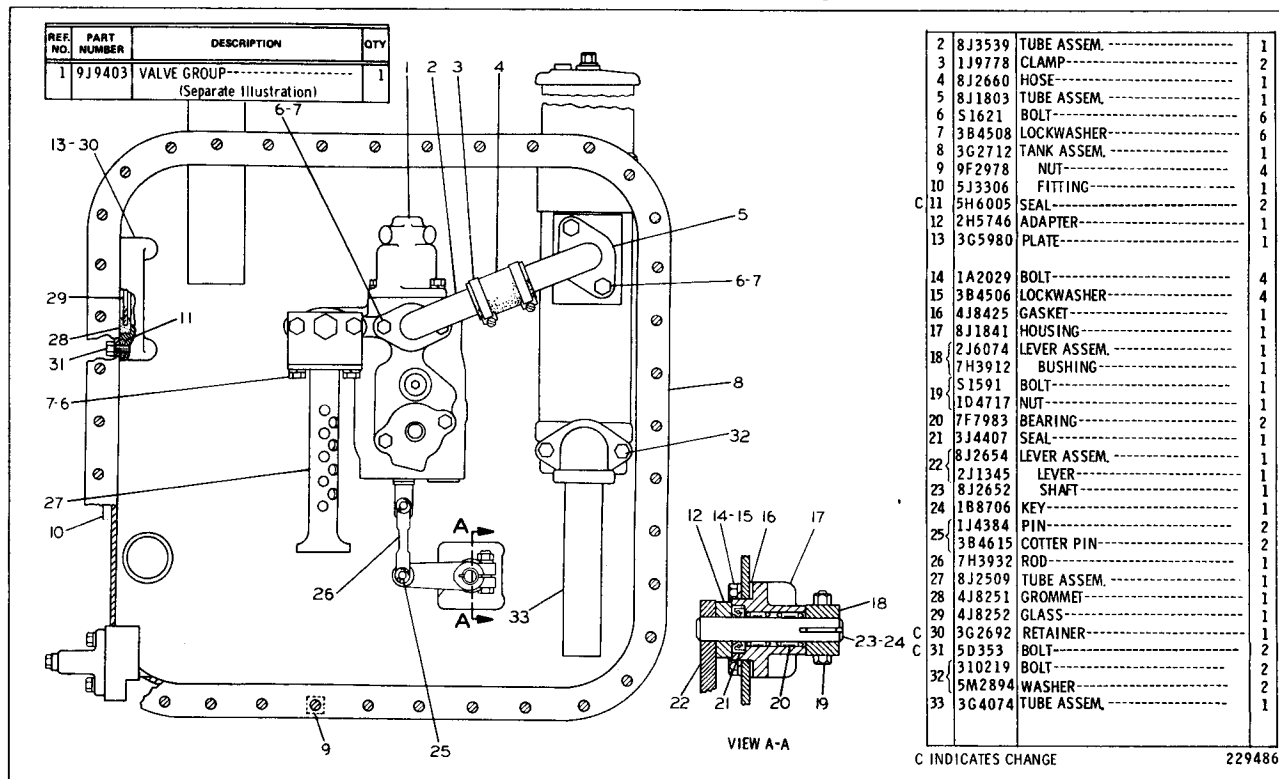


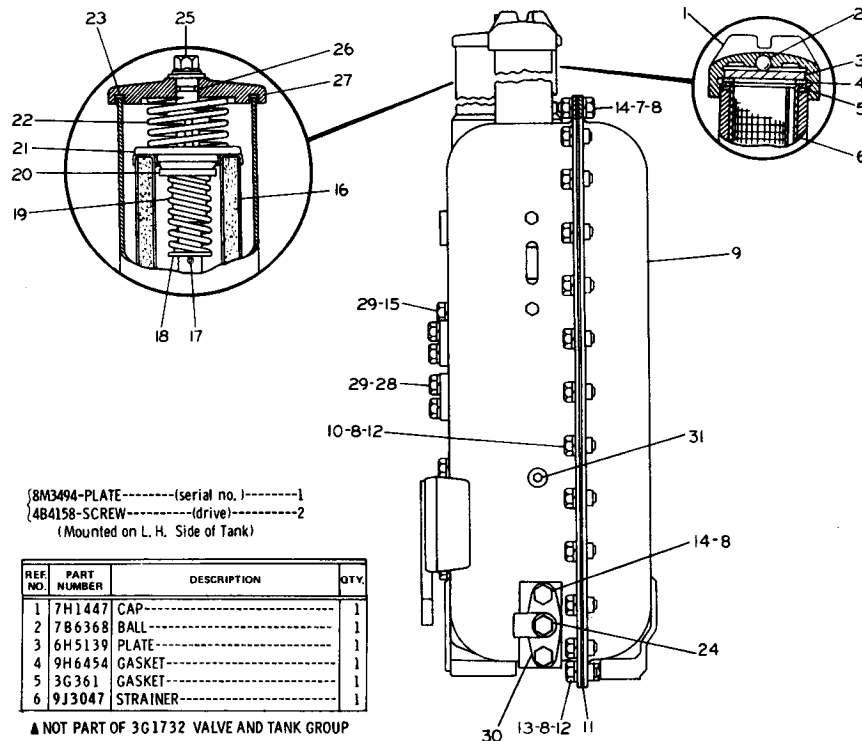
7	1D4717	NUT-----	3
7	5B9627	WASHER-----	3
8	3B4506	LOCKWASHER-----	42
9	3G7229	COVER ASSEM.-----	1
10	9F2978	NUT-----	29
11	3H9523	GASKET-----	1
12	11351	BOLT-----2.22 cm (.875 in.) long	37
13	9F2978	NUT-----	4
14	1A2029	BOLT-----	5
15	S1595	BOLT-----	2
15	4J816	ELEMENT ASSEM.---(disposable)---	2
▲ 16	3G5653	ELEMENT----- -OR- (fire resistant fluid)	2
17	2M8729	PIN-----	1
18	3J1997	RETAINER-----	1
19	7F9802	SPRING-----	1
20	5J1096	VALVE GROUP-----	1
21	5J1095	SEAT-----	1
22	9J8775	SPRING-----	1
23	3J1991	GASKET-----	1
24	4B7739	PLUG-----	1
25	7J5590	BOLT-----	1
26	8F9206	SEAL-----	1
27	4J596	COVER-----	1
28	9S8004	PLUG-----	1
28	3J1907	SEAL-----	1
29	3B4508	LOCKWASHER-----	2
30	8H9819	ADAPTER-----	1
30	8H9818	GASKET-----	1

229485

3G1731 TANK AND VALVE GROUP — Single Valve — Part 1
Hydraulic Serial No. 7X1920-Up
Part of 9P7023 Hydraulic Control Arrangement listed on Page 157

3G1731 TANK AND VALVE GROUP — Single Valve — Part 2
 Hydraulic Serial No. 7X1920-Up
 Part of 9P7023 Hydraulic Control Arrangement listed on Page 157
 9J9403 Control Valve parts are shown on Page 162





7	1D4717	NUT-----	3
7	5B9627	WASHER-----	3
8	3B4506	LOCKWASHER-----	42
9	3G7229	COVER ASSEM.-----	1
10	9F2978	NUT-----	29
11	3H9523	GASKET-----	1
12	L1351	BOLT-----2.22 cml. 875 in. l long	37
13	9F2978	NUT-----	4
14	1A2029	BOLT-----	5
15	S1595	BOLT-----	2
16	4J816	ELEMENT ASSEM. --(Disposable)-----	2
16	3G5653	-OR- ELEMENT (Fire Resistant Fluid)	2
17	2M8729	PIN-----	1
18	3J1997	RETAINER-----	1
19	7F9802	SPRING-----	1
20	5J1096	VALVE-----	1
21	5J1095	SEAT-----	1
22	9J8775	SPRING-----	1
23	3J1991	GASKET-----	1
24	4B7739	PLUG-----	1
25	7J5590	BOLT-----	1
26	8F9206	SEAL-----	1
27	4J596	COVER-----	1
28	S1585	BOLT-----	4
28	2J6195	COVER-----	2
29	4J519	SEAL-----	2
29	3B4508	LOCKWASHER-----	6
30	8H9819	ADAPTER-----	1
30	8H9818	GASKET-----	1
31	9S8004	PLUG-----	1
31	3J1907	SEAL-----	1

229488

3G1732 HYDRAULIC TANK AND VALVE GROUP — Two Valve — Part 1
 Hydraulic Serial No. 8X5800-Up
 Part of 9P7022 Hydraulic Control Arrangement listed on Page 157

3G1732 HYDRAULIC TANK AND VALVE GROUP — Two Valve — Part 2

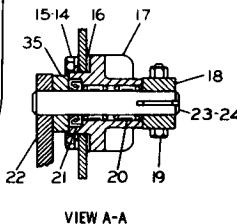
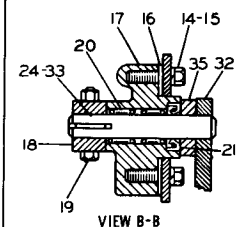
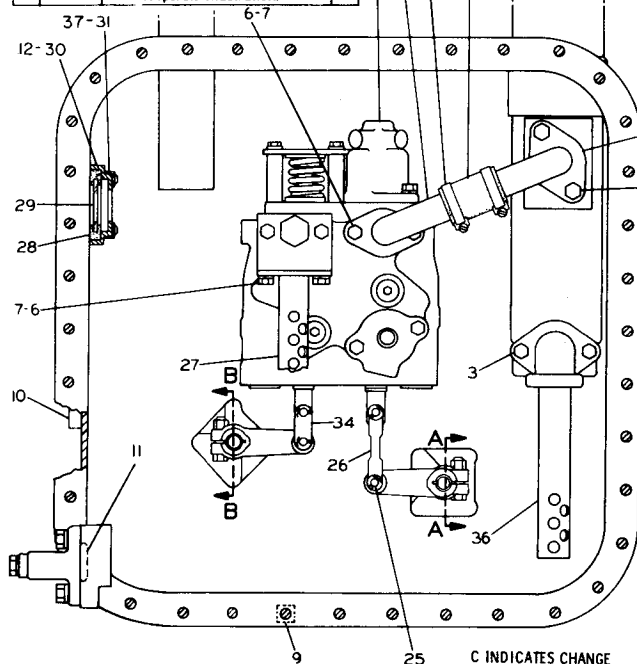
Hydraulic Serial No. 8X5800-Up

Part of 9P7022 Hydraulic Control Arrangement listed on Page 157

9J9833 Valve parts are shown on Page 163

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9J9833	VALVE GROUP— (Separate Illustration)	1

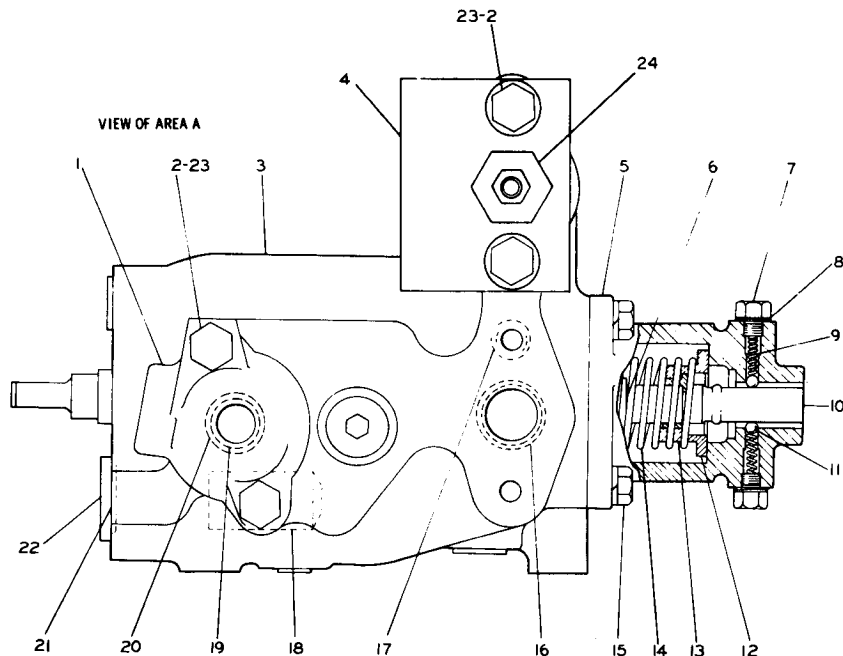
2	8J3539	TUBE ASSEM. -----	1
3	310219	BOLT-----	2
4	5M2894	WASHER-----	2



4	8J2660	HOSE-----	1
5	8J1803	TUBE ASSEM. -----	1
6	51621	BOLT-----	6
7	3B4508	LOCKWASHER-----	6
8	3G2708	TANK ASSEM. -----	1
9	9F2978	NUT----- (weld)	4
10	5J3306	FITTING-----	1
11	4J8996	SEAL-----	1
12	3G5980	PLATE-----	1
13	1J9778	CLAMP-----	2
14	1A2029	BOLT-----	8
15	3B4506	LOCKWASHER-----	8
16	4J8425	GASKET-----	2
17	8J1841	HOUSING-----	2
18	2J6074	LEVER ASSEM. -----	2
19	7H3912	BUSHING-----	1
20	S1591	BOLT-----	2
21	1D4717	NUT-----	2
22	7F7983	BEARING-----	4
23	3J4407	SEAL-----	2
24	8J2654	LEVER ASSEM. -----	1
25	2J1345	LEVER-----	1
26	8J2652	SHAFT-----	1
27	1B8706	KEY-----	2
28	1J4384	PIN-----	4
29	3B4615	COTTER PIN-----	4
30	7H3932	ROD-----	1
31	8J2509	TUBE ASSEM. -----	1
32	4J8251	GROMMET-----	1
33	4J8252	GLASS-----	1
34	3G2692	RETAINER-----	1
35	5D353	BOLT-----	2
36	8J2653	LEVER ASSEM. -----	1
37	2J1345	LEVER-----	1
	8J2652	SHAFT-----	1
	5H2207	LINK-----	2
	2H5746	ADAPTER-----	2
	3G4074	TUBE ASSEM. -----	1
	5H6005	SEAL-----	2

229489

HYDRAULIC SYSTEM



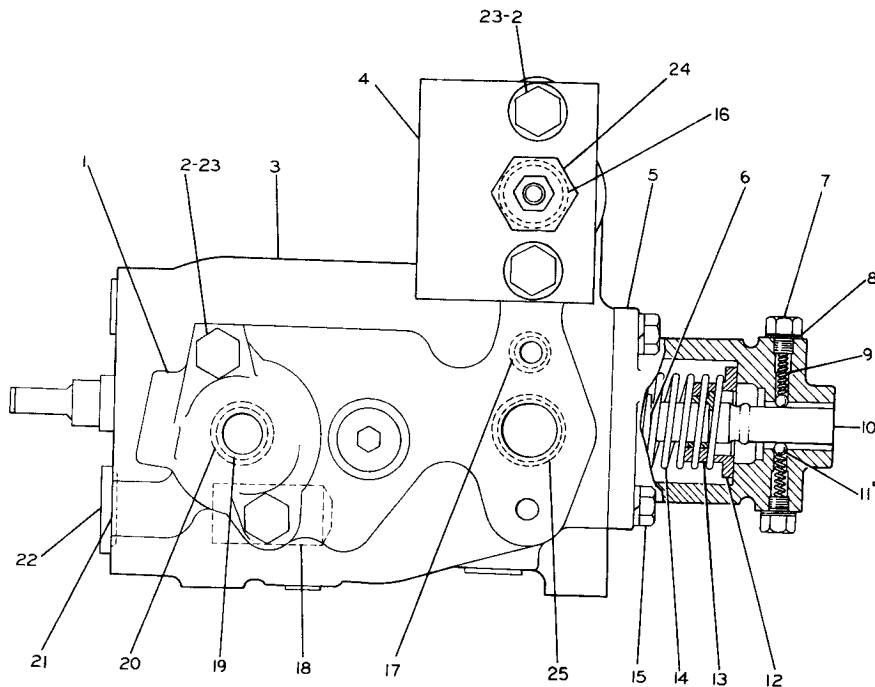
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8J3554	HOUSING-----	1
2	V375	BOLT-----	4
3	9J7193	VALVE GROUP----- (Separate Illustration)	1
4	8J5449	BODY-----	1
5	6J9992	RETAINER-----	1
6	8J3557	SPACER-----	1
7	7J1767	PLUG-----	4
8	6J6516	SHIM-----	8
9	6J9996	SPRING-----	4
10	8J3556	DETENT-----	1
11	5H1472	BALL-----	4
12	5J9092	SPACER-----	1
13	5J9091	SPACER-----	1
14	4J5105	SPRING-----	1
15	1A2029	BOLT-----	2
16	3B4506	LOCKWASHER-----	2
17	4J8997	SEAL-----	5
18	6F6672	SEAL-----	10
19	5J9078	VALVE-----	2
20	2A5885	SPRING-----	1
21	5J9098	SPRING-----	1
22	4J519	SEAL-----	1
23	4K1388	SEAL-----	1
24	9S8009	PLUG-----	1
	3B4508	LOCKWASHER-----	4
	3G8078	VALVE GROUP----- (Separate Illustration)	1

C INDICATES CHANGE

171196

9J9403 CONTROL VALVE GROUP
 Hydraulic Serial No. 7X1920 To 7X2286 Inclusive
 9J7193-Page 165, 3G8078-Page 166
 Part Of 3T1731 Tank & Valve

9J9403 CONTROL VALVE GROUP
Hydraulic Serial No. 7X2287-Up
1U4662-Page 165A, 3G8078-Page 166
Part Of 3G1731 Tank & Valve



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
CY	1	8J3554	1	HOUSING
	2	0V0375	4	BOLT
	3	1U4662	1	VALVE GROUP
	4	8J5449	1	BODY
	5	6J9992	1	RETAINER
	6	8J3557	1	SPACER
	7	7J1767	4	PLUG
	8	6J6516	8	SHIM
	9	6J9996	4	SPRING
	10	8J3556	1	DETENT
	11	5H1472	4	BALL
	12	5J9092	1	SPACER
	13	5J9091	1	SPACER
	14	4J5105	1	SPRING
	15	1A2029	2	BOLT
C C		3B4506	2	LOCKWASHER
	16	4J8997	1	SEAL 35.23MM(1.38IN)O.D.
	17	2J0157	10	SEAL
	18	5J9078	2	VALVE
		2A5885	1	SPRING
	19	5J9098	1	SPRING
	20	4J0519	1	SEAL
	21	4K1388	1	SEAL
	22	9S8009	1	PLUG
	23	3B4508	4	LOCKWASHER
Y C	24	3G8078	1	VALVE GROUP
	25	1P3703	4	SEAL 38.40MM(1.51IN)O.D.

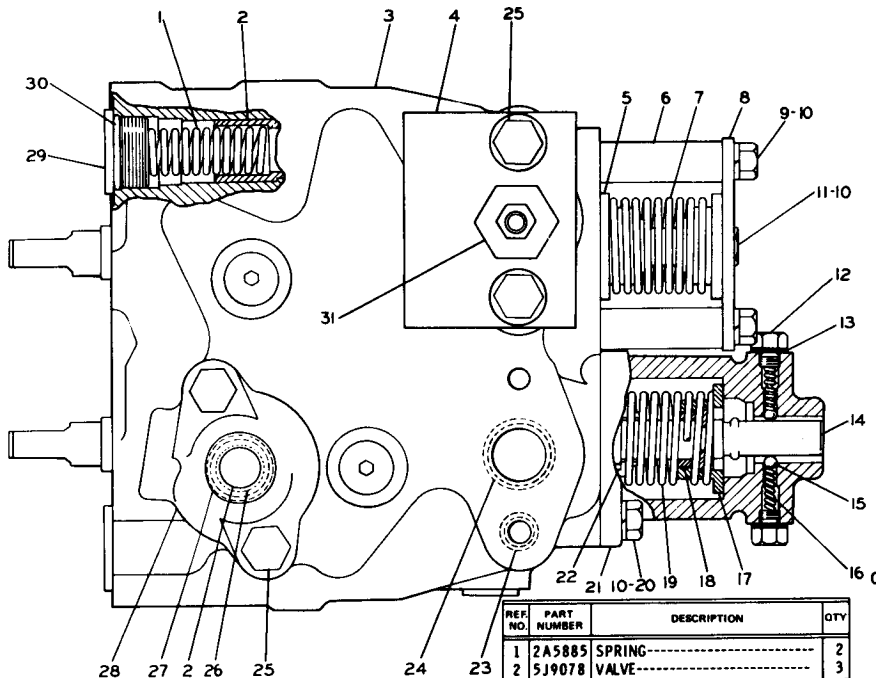
C INDICATES CHANGE
Y SEPARATE ILLUSTRATION

316610

HYDRAULIC SYSTEM

162A

9J9833 CONTROL VALVE GROUP
 Part of 3G1732 Hydraulic Tank and Valve shown on Page 161
 9J7194 and 3G8078 Valve parts are shown on Pages 165 and 166

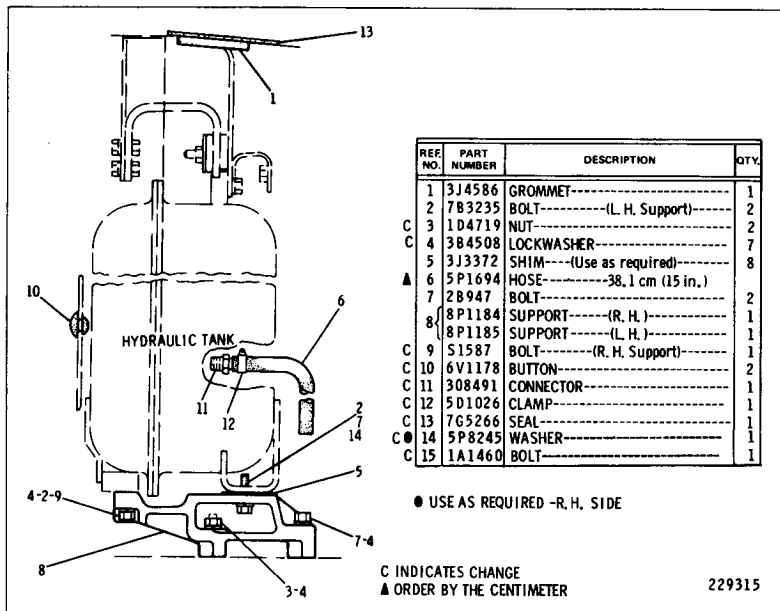


3	9J7194	VALVE GROUP-----	1
		(Separate Illustration)	
4	8J5449	BODY-----	1
5	5J9088	SPACER-----	2
6	8J3639	SPACER-----	2
7	3J4121	SPRING-----	1
8	8J3640	PLATE-----	1
9	T573	BOLT-----	2
10	3B4506	LOCKWASHER-----	5
11	L1351	BOLT-----	1
11	6B7949	WASHER-----	1
12	7J1767	PLUG-----	4
13	6J6516	SHIM-----	8
14	8J3556	DETENT-----	1
15	5H1472	BALL-----	4
16	6J9996	SPRING-----	4
17	5J9092	SPACER-----	1
18	5J9091	SPACER-----	1
19	4J5105	SPRING-----	1
20	1A2029	BOLT-----	2
21	6J9992	RETAINER-----	1
22	8J3557	SPACER-----	1
23	6F6672	SEAL-----	14
24	4J8997	SEAL-----	7
25	V375	BOLT-----	4
25	3B4508	LOCKWASHER-----	4
26	5J9098	SPRING-----	1
27	4J519	SEAL-----	1
28	8J3554	HOUSING-----	1
29	9S8009	PLUG-----	2
30	4K1388	SEAL-----	2
31	3G8078	VALVE GROUP-----	1
		(Separate Illustration)	

C INDICATES CHANGE

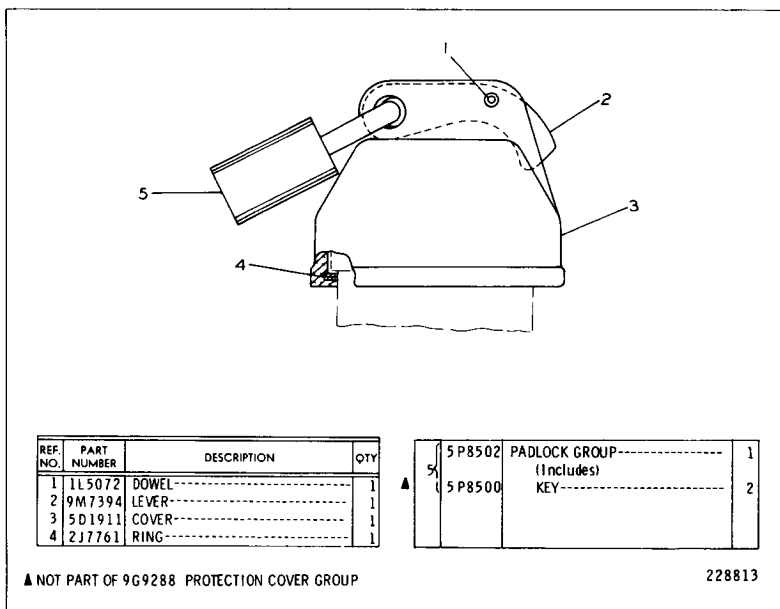
172101

HYDRAULIC SYSTEM

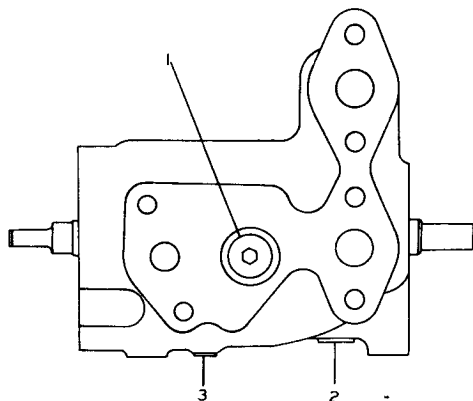


8P4157 HYDRAULIC TANK MOUNTING GROUP

Part of 9P7023 and 9P7022 Hydraulic Control Arrangement listed on Page 157
AN ATTACHMENT



9G9288 HYDRAULIC TANK CAP PROTECTION COVER GROUP
AN ATTACHMENT



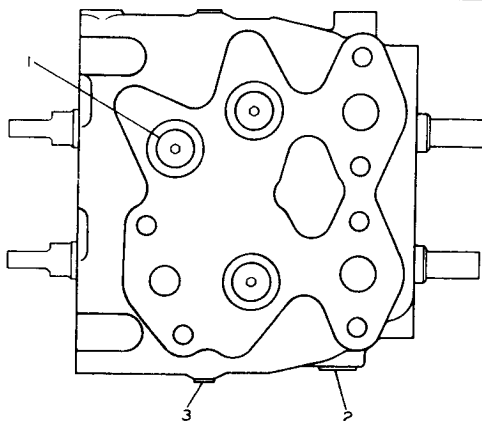
REF NO	PART NUMBER	DESCRIPTION	QTY
1	9S8006	PLUG-----	1
	2M9780	SEAL-----	1
2	9S8005	PLUG-----	2
	3K360	SEAL-----	2

3	9S8003	PLUG-----	1
	1J9671	SEAL-----	1

206260

9J7193 VALVE GROUP

Hydraulic Serial No. 7X1920 To 7X2286 Inclusive
Part Of 9J9403 Control Valve



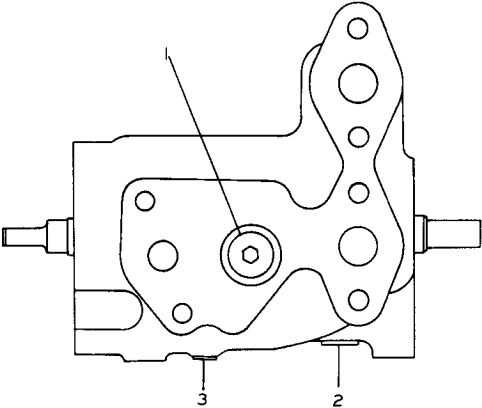
REF NO	PART NUMBER	DESCRIPTION	QTY
1	9S8006	PLUG-----	3
	2M9780	SEAL-----	3
2	9S8005	PLUG-----	3
	3K360	SEAL-----	3

3	9S8003	PLUG-----	2
	1J9671	SEAL-----	2

206259

9J7194 BASIC VALVE GROUP

Part Of 9J9833 Control Valve Group Shown On Page 163



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	9S8006	1	PLUG
		2M9780	1	SEAL

2	9S8005	2	PLUG
	3K0360	2	SEAL
3	9S8003	1	PLUG
	1J9671	1	SEAL

316613

1U4662 VALVE GROUP
Hydraulic Serial No. 7X2287-Up
Part Of 9J9403 Control Valve

CONSIST OF:..... PAGE:

1 4T7598 VALVE GROUP..... 166.01

-OR-

1 4T4065 VALVE GROUP..... 166.02

THE FOLLOWING SERVICE REPAIR KIT IS

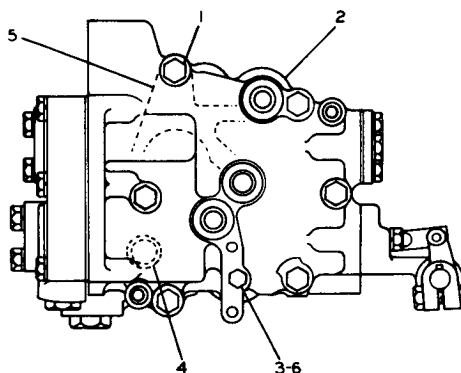
AVAILABLE:

4T8694 SEAL KIT

3G8078 RELIEF VALVE GROUP

4T7598-Page 166.01 & 4T4065-Page 166.02

Part Of 9J9403 & 9J9833 Valve Groups-Pages 162 & 163



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F3425	BOLT-----14.61 cm(5.75 in.) long--	4
	5B2638	BOLT-----13.34 cm(5.25 in.) long--	1
	8S9191	BOLT-----10.16 cm(4 in.) long-----	1
	5M2894	WASHER-----	6

2	2P3640	VALVE GROUP-----	1
		(Separate Illustration)	
3	1D4538	BOLT-----5.72 cm(2.25 in.) long	1
		-OR-	
3	1D4539	BOLT-----6.35 cm(2.50 in.) long	1
4	8B4967	SEAL-----	3
5	8P16	GASKET-----	1
6	9M1974	WASHER-----	1

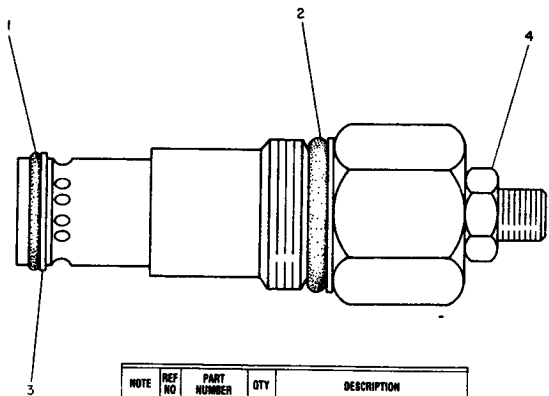
C INDICATES CHANGE

208951

1P7528 CONTROL VALVE GROUP

Part Of 1P8626 Winch Arrangement Listed On Page 191

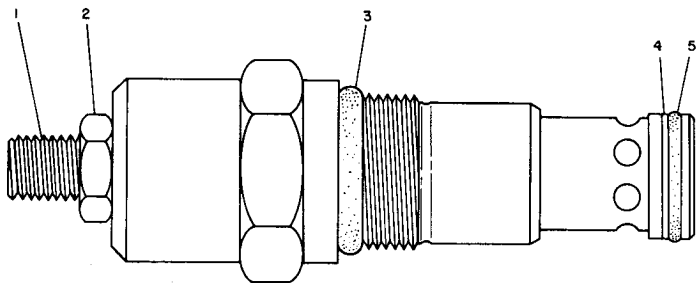
2P3640 Valve Parts Are Shown On Page 167



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	6V5142	1	SEAL
	2	617539	1	SEAL
	3	9J6367	1	RING
	4	3G3726	1	NUT

331794

4T7598 RELIEF VALVE GROUP
Part Of 3G8078 Relief Valve

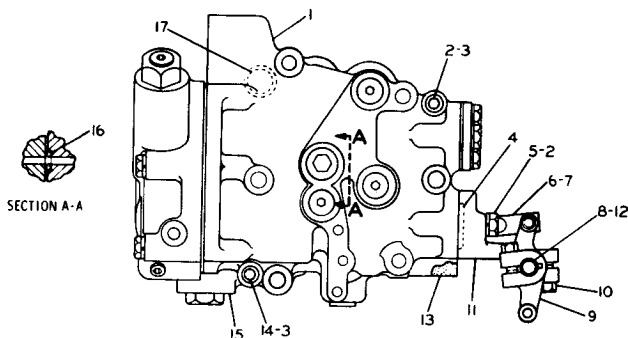


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4T8690	1	SCREW
	2	4T8691	1	NUT

3	617539	1	SEAL
4	9J6367	1	RING
5	6V5142	1	SEAL

331793

4T4065 RELIEF VALVE GROUP
Part Of 3G8078 Relief Valve



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8P1392	VALVE GROUP----- (Pressure)----- (Separate Illustration)	1
2	3S4346	BOLT-----	1
3	9M1974	WASHER-----	4
4	3D2992	SEAL-----	1
5	1B7182	BOLT-----	2
6	1P5130	LINK-----	2
7	9S1303	PIN-----	2
	3B4607	COTTER PIN-----	2

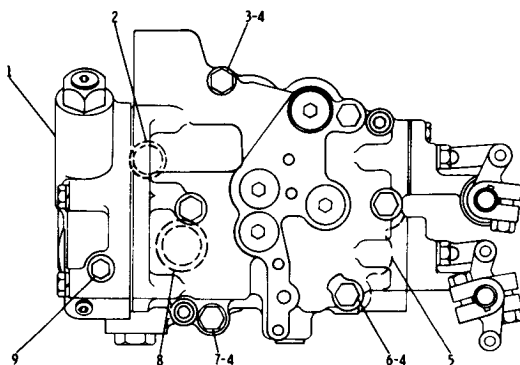
8	2P6969	SHAFT-----	1
	188702	KEY-----	2
9	6P9367	LEVER-----	2
10	2B2695	BOLT-----	2
11	2P6971	BRACKET ASSEM.-----	1
	9H2400	BEARING-----	2
12	4B4280	WASHER-----	2
13	2P3650	GASKET-----	1
14	6L4783	BOLT-----	1
15	3P4121	VALVE GROUP----- (Selector) (Separate Illustration)	1
16	2H5001	SEAL-----	1
17	5F7054	SEAL-----	4

C INDICATES CHANGE

168275

2P3640 SELECTOR AND PRESSURE CONTROL VALVE GROUP

Part of 1P7528 Control Valve Group shown on Page 166
 3P4121 and 8P1392 Valve parts are shown on Pages 169 and 171



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P11	VALVE GROUP----- (Separate Illustration)	1
2	5H8038	SEAL-----	1
3	7F3425	BOLT-----	4
4	5M2894	WASHER-----	6
5	8P16	GASKET-----	1

6	5B2638	BOLT-----	1
7	8S9191	BOLT-----	1
8	8B4967	SEAL-----	3
9	1D4539	BOLT-----	1
	9M1974	WASHER-----	1

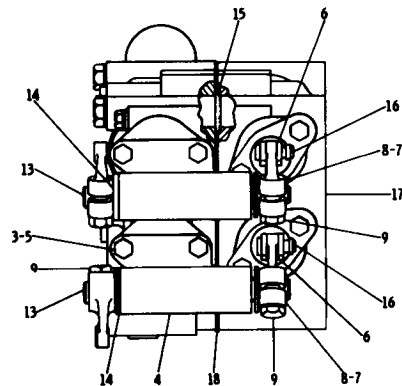
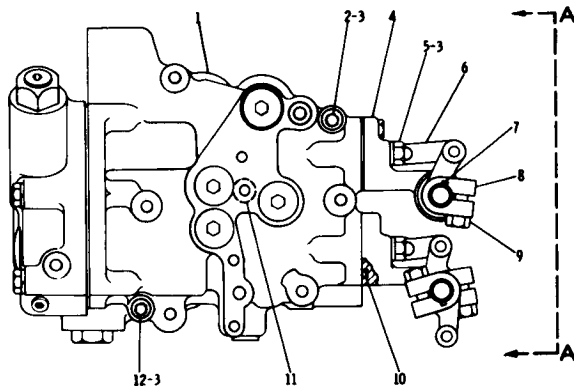
208952

8P13 SELECTOR AND PRESSURE CONTROL VALVE GROUP

Part of 9G565 and 9G567 Winch Conversion

Groups shown on Pages 193 and 195

8P11 Valve parts are shown on Page 168



VIEW A-A

REF NO	PART NUMBER	DESCRIPTION	QTY
1	8P1392	VALVE GROUP----- (pressure)----- (Separate Illustration)	1
2	3S4346	BOLT-----	1
3	9M1974	WASHER-----	6
4	2P6971	BRACKET ASSEM.-----	2
5	1B7182	BOLT-----	4
6	1P5130	LINK-----	4

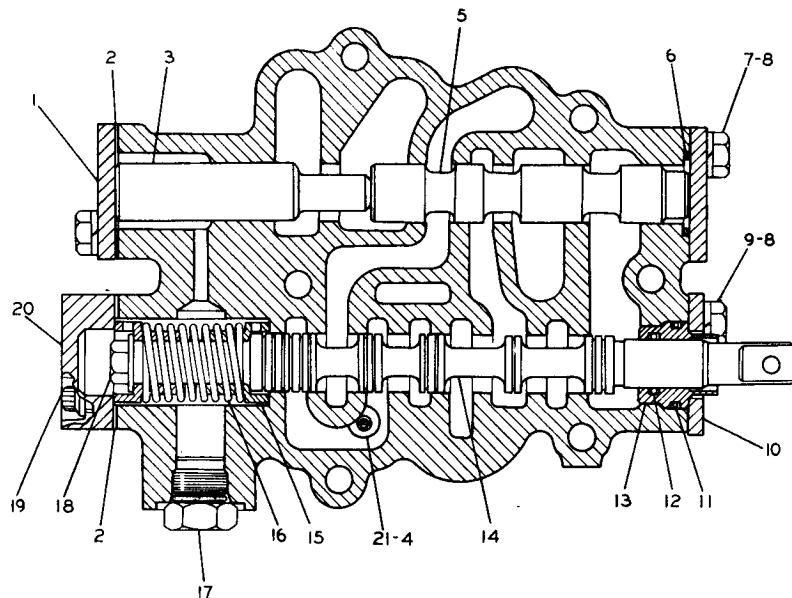
7	1B8702	KEY-----	4
8	6P9367	LEVER-----	4
9	2B2695	BOLT-----	4
10	3D2992	SEAL-----	2
11	2H5001	SEAL-----	1
12	6L4783	BOLT-----	1
13	2P6969	SHAFT-----	2
14	4B4280	WASHER-----	4
15	5F7054	SEAL-----	4

16	9S1303	PIN-----	4
16	3B4607	COTTER PIN-----	4
17	8P12	VALVE GROUP----- (selector)----- (Separate Illustration)	1
18	2P3650	GASKET-----	1

208953

8P11 SELECTOR AND PRESSURE CONTROL VALVE GROUP
 Part of 8P13 Selector and Pressure Control Valve Group shown on Page 167.
 8P12 and 8P1392 Valve parts are shown on Pages 170 and 171. AN ATTACHMENT

3P4121 SELECTOR VALVE GROUP
 Part of 2P3640 Selector and Pressure Control Valve Group shown on Page 167

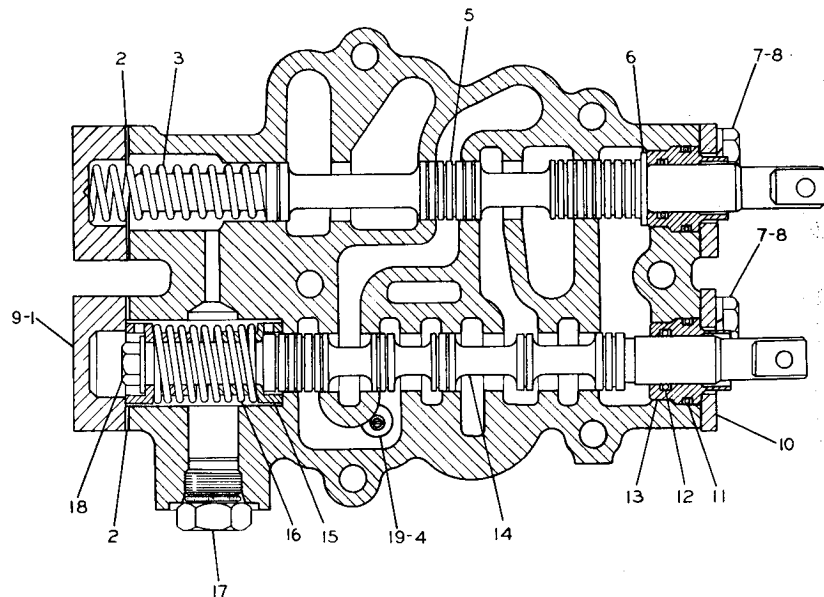


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6B830	COVER-----	2
2	3P218	GASKET-----	2
3	2P3683	STOP-----	2
4	5F9144	SEAL-----	1
5	2P3639	SPOOL-----	1
6	3H107	SEAL-----	1
7	2B2695	BOLT-----	4
C 8	3B4505	LOCKWASHER-----	6
9	S1617	BOLT-----	2
10	1P6217	FLANGE-----	1
11	4D9986	SEAL-----	1
12	8M5260	SEAL-----	1
13	3S2682	BUSHING-----	1
14	2P3617	SPOOL-----	1
15	3P220	RETAINER-----	2
16	3P3202	SPRING-----	1
17	9S4185	PLUG-----	1
18	3K360	SEAL-----	1
19	S1618	BOLT-----	1
20	1T738	WASHER-----	1
C 19	1T414	BOLT-----	2
C 20	8P4299	COVER-----	1
	3P4117	VALVE ASSEM.-----	1
21	1L5316	PIN-----	1
	5B9318	BALL-----	1
Δ C 22	3K5762	PLUG-----	1

C INDICATES CHANGE

Δ NOT SHOWN

230330



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P4299	COVER-----	2
2	3P218	GASKET-----	2
3	2S3620	SPRING-----	1
4	5F9144	SEAL-----	1
5	8P14	SPOOL-----	1
6	2A995	WASHER-----	1
7	S1617	BOLT-----	4
8	3B4505	LOCKWASHER-----	4
9	1T414	BOLT-----	4
10	1P6217	FLANGE-----	2
11	4D9986	SEAL-----	2
12	8M5260	SEAL-----	2
13	3S2682	BUSHING-----	2
14	2P3617	SPOOL-----	1
15	3P220	RETAINER-----	2
16	3P3202	SPRING-----	1
17	9S4185	PLUG-----	1
18	3K360	SEAL-----	1
19	S1618	BOLT-----	1
19	1T738	WASHER-----	1
19	3P4117	VALVE ASSEM.-----	1
		(Includes)	
	1L5316	PIN-----	1
	5B9318	BALL-----	1
C ▲	7H3171	PLUG-----	1

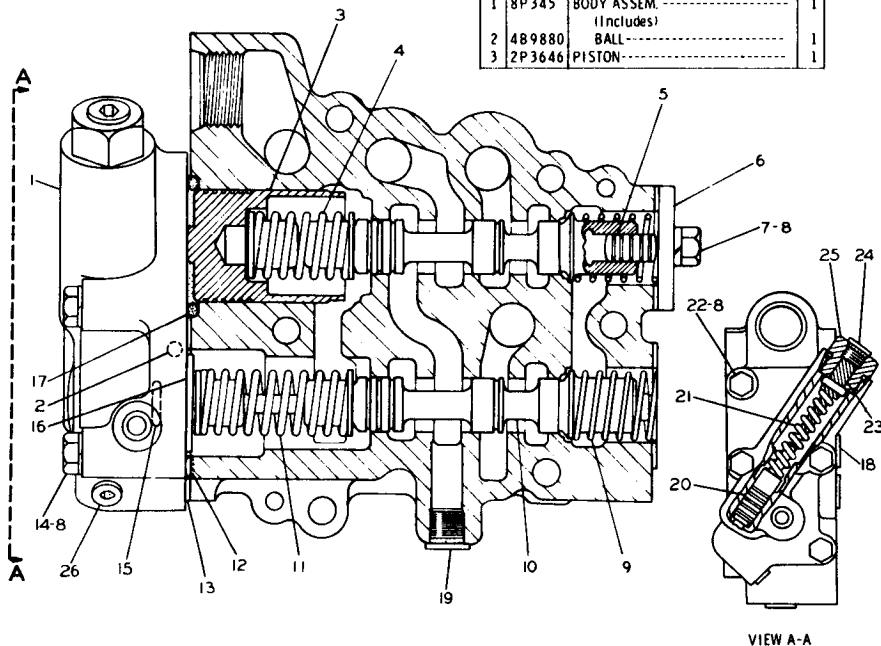
C INDICATES CHANGE

▲ NOT SHOWN

228956

8P12 SELECTOR VALVE GROUP
Part of 8P11 Selector and Pressure Control Valve Group shown on Page 168
AN ATTACHMENT

8P1392 PRESSURE CONTROL VALVE GROUP
 Part of 2P3640 and 8P11 Selector and Pressure Control Valve Groups shown on Pages 167 and 168
 AN ATTACHMENT

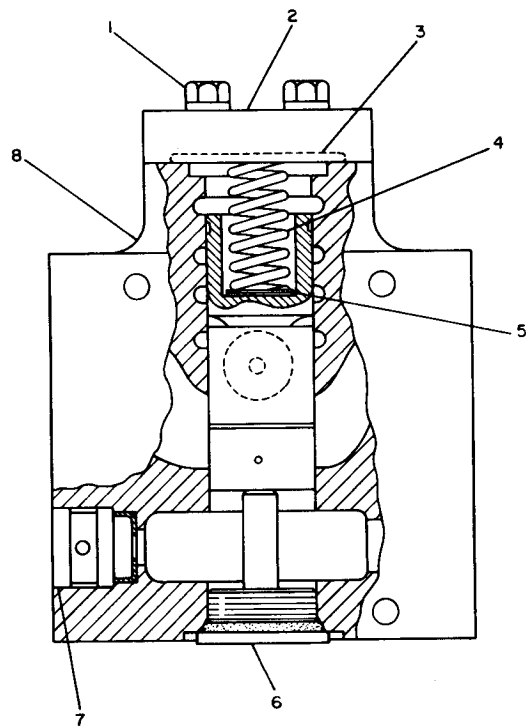


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8P345	BODY ASSEM. ----- (Includes)	1
2	489880	BALL-----	1
3	2P3646	PISTON-----	1

4	3P5168	SPRING ASSEM. -----	1
5	2M1168	SLUG-----	2
6	6B830	COVER-----	1
7	3P218	GASKET-----	1
8	2B2695	BOLT-----	2
9	3B4505	LOCKWASHER-----	6
10	1P3216	SPRING-----	2
11	3P2767	SPOOL-----	2
12	3P5169	SPRING ASSEM. -----	1
13	6F5559	SEAL-----	1
14	2P3644	GASKET-----	1
15	2B2694	BOLT-----	3
16	4K2039	SEAL-----	1
17	3P2847	RETAINER-----	1
18	1H9696	SEAL-----	1
19	9S8005	PLUG-----	1
20	3K360	SEAL-----	1
21	9S8004	PLUG-----	4
22	3J1907	SEAL-----	4
23	3P4660	SPOOL-----	1
24	8P346	SPRING-----	1
25	1B7182	BOLT-----	1
26	8P325	STOP ASSEM. ----- (Includes)	1
	5H9809	DOWEL-----	1
	9S8003	PLUG-----	1
	1J9671	SEAL-----	1
	6P9959	PLUG-----	1
	2M9780	SEAL-----	1
	9S8001	PLUG-----	1
	4J7533	SEAL-----	1
	5MHS6709	FORM----- (Installation Instructions for Body Assem. I)	1

VIEW A-A

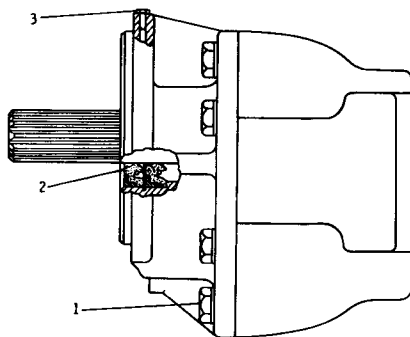
208955



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	51591	BOLT-----	4
2	5M2894	WASHER-----	4
3	9J8063	COVER-----	1
4	4J527	SEAL-----	1
5	7M1297	SPRING-----	1
6	3L6670	RETAINER-----	4
7	9J8065	PLUG-----	1
8	2S4078	SEAL-----	1
9	3G5856	SPACER-----	1
10	9J8066	VALVE GROUP-----	1

220998

9J8067 VALVE GROUP
Part of 9P2410 Bulldozer Lines Group shown on Page 179
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	S1595	BOLT-----	8
	6J2391	WASHER-----	8
	6V1899	SEAL-----	2
	3G1280	SPACER-----	1

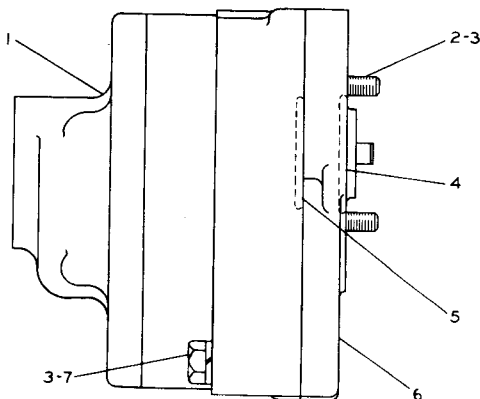
C 3	3G7242	PLUG-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
9J765	KIT-----	(seal)	1
(Includes Seals, & Retainer)			

C INDICATES CHANGE

229317

3G4768 GEAR PUMP GROUP

Part of 9P7023 and 9P7022 Hydraulic Control Arrangement listed on Page 157
AN ATTACHMENT



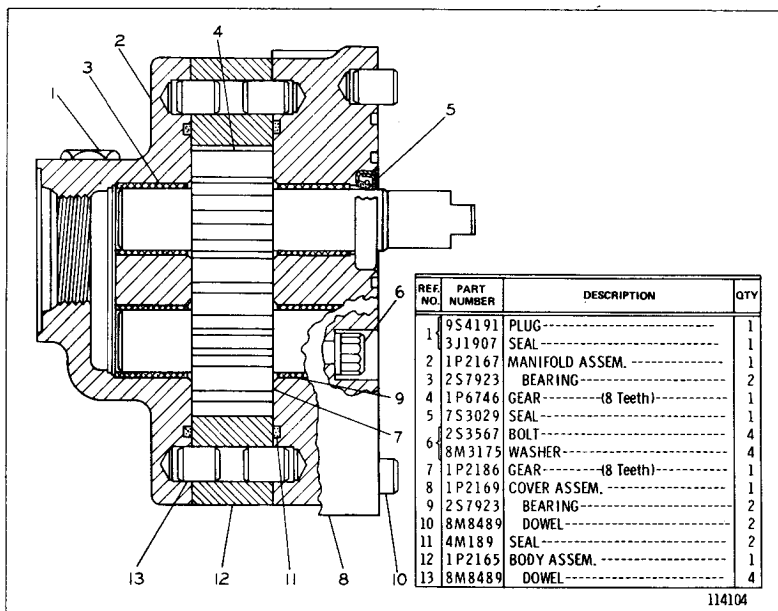
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P6752	PUMP GROUP----- (See Separate Illustration)	1
2	1T765	BOLT-----	2

3	3B4506	LOCKWASHER-----	4
4	7F8267	SEAL-----	1
5	6F711	SEAL-----	1
6	1P6747	ADAPTER-----	1
7	L2070	BOLT-----	2

114103

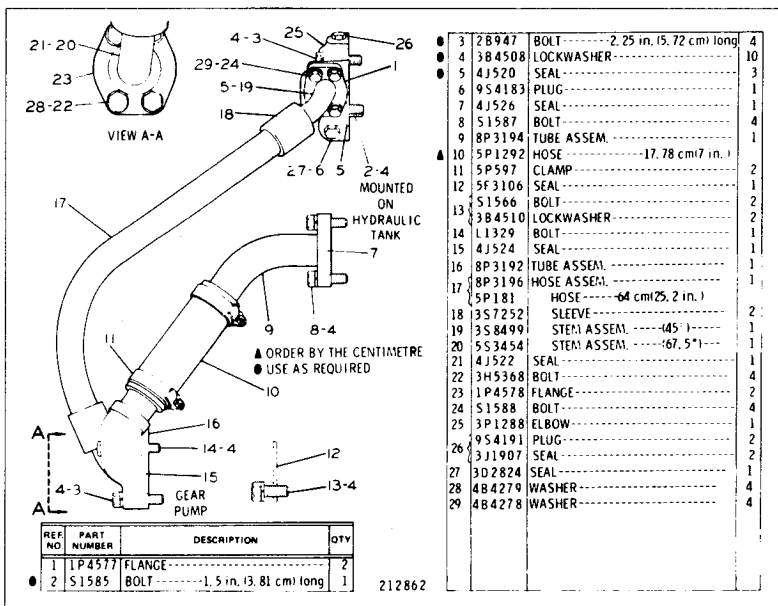
1P6751 GEAR PUMP GROUP

Part of 8P2319 Winch Arrangement listed on Page 191
1P6752 Pump parts are shown on Page 174. AN ATTACHMENT



1P6752 BASIC GEAR PUMP GROUP

Part of 1P6751 Gear Pump Group shown on Page 173
AN ATTACHMENT



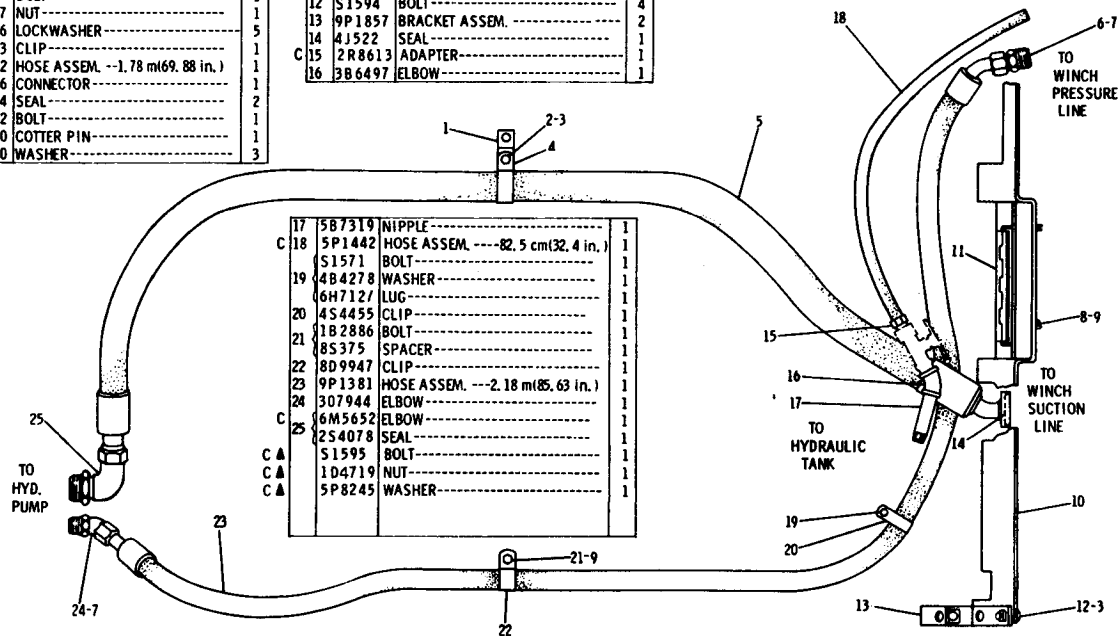
8P4167 PUMP LINES GROUP

Part of 9P7023 and 9P7022 Hydraulic Control Arrangement listed on Page 157
AN ATTACHMENT

8P4826 PUMP LINES GROUP
Part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5D1225	BRACKET-----	1
2	S509	BOLT-----	1
2	1D4717	NUT-----	1
3	3B4506	LOCKWASHER-----	5
4	7D1553	CLIP-----	1
5	9P1382	HOSE ASSEM. ---1.78 m(69.88 in.)	1
6	2R6276	CONNECTOR-----	1
7	3D2824	SEAL-----	2
8	4D6082	BOLT-----	1
8	3B4610	COTTER PIN-----	1
9	4B4280	WASHER-----	3

10	9P2075	PLATE ASSEM. -----	1
		(Includes)	
	2K3656	BAR -----	1
11	6K1049	HINGE -----	1
12	S1594	BOLT -----	4
13	9P1857	BRACKET ASSEM. -----	2
14	4J522	SEAL -----	1
15	2R8613	ADAPTER -----	1
16	3B6497	ELBOW -----	1



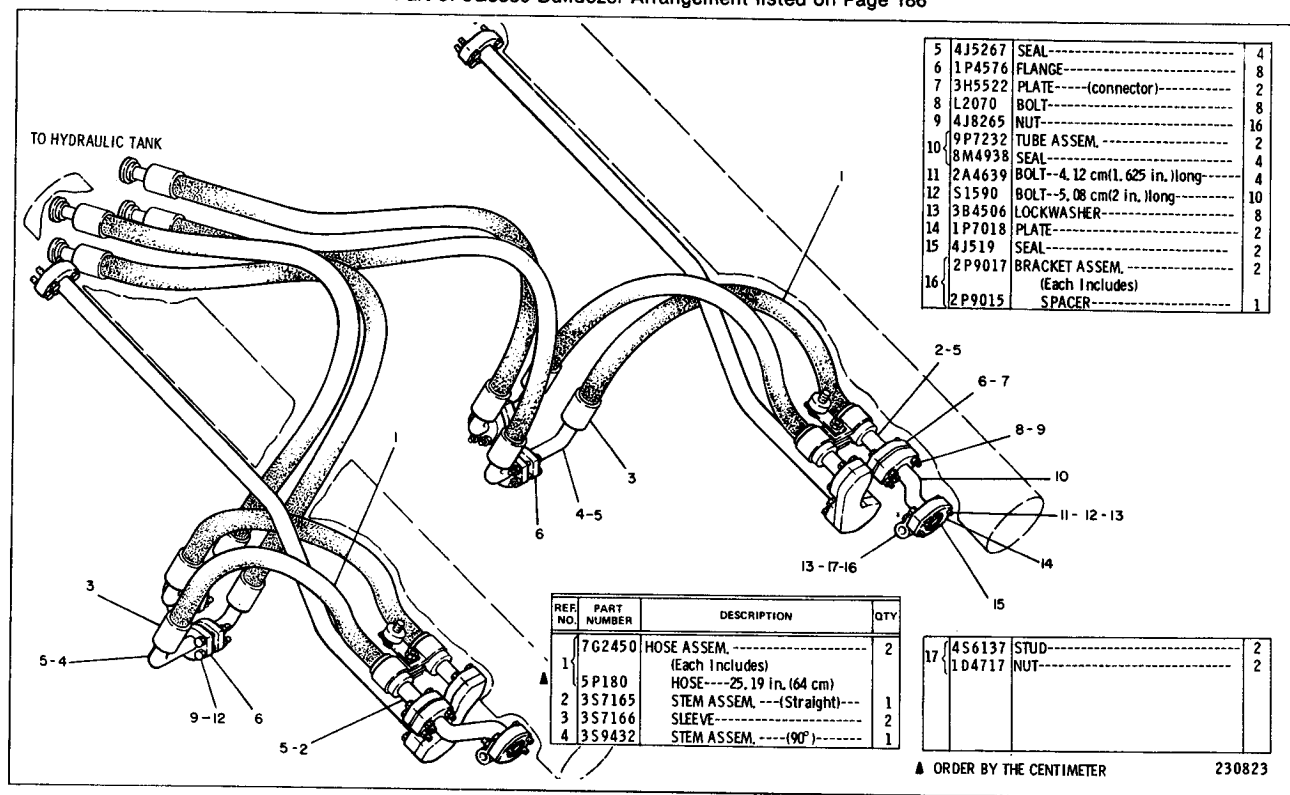
▲ NOT SHOWN-USE AS REQUIRED

C INDICATES CHANGE

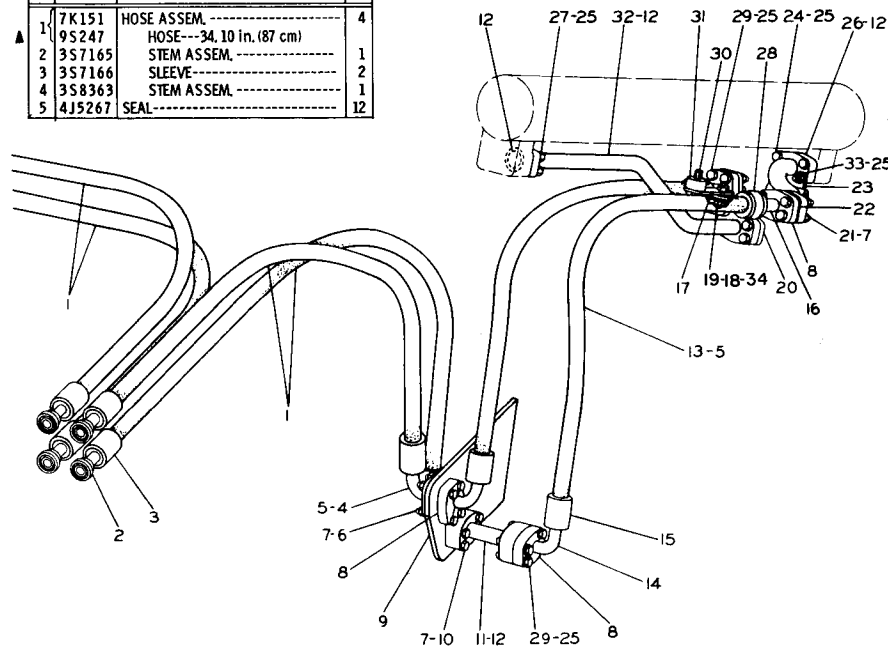
172602

HYDRAULIC SYSTEM

9P8113 BULLDOZER LINES GROUP — Part 2
Part of 3G5330 Bulldozer Arrangement listed on Page 186



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7K151	HOSE ASSEM. -----	4
2	9S247	HOSE---34.10 in. (87 cm)	
3	3S7165	STEM ASSEM. -----	1
4	3S7166	SLEEVE-----	2
5	3S8363	STEM ASSEM. -----	1
	4J5267	SEAL-----	12



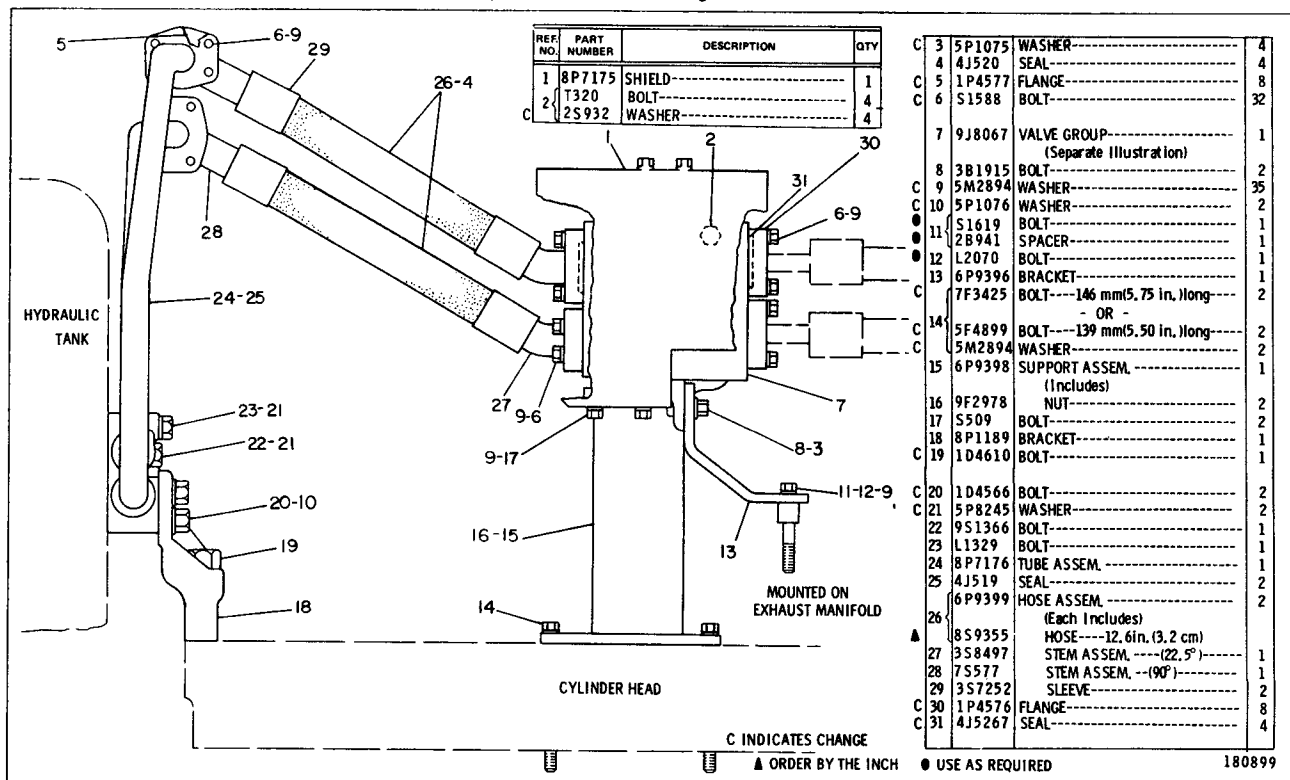
NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. AND L. H. SIDES

▲ ORDER BY THE INCH
C INDICATES CHANGE

6	S1590	BOLT-----	8
7	4J8265	NUT-----	24
8	2K190	FLANGE-----	24
9	2P9023	PLATE-----	2
10	L1143	BOLT-----	16
11	3P1075	TUBE ASSEM.-----	2
12	4J519	SEAL-----	10
13	3P568	HOSE ASSEM.-----	4
13	9S247	HOSE-----25. in. (64 cm)	
14	3S8363	STEM ASSEM.-----	1
15	3S7166	SLEEVE-----	2
16	3S7165	STEM ASSEM.-----	1
17	6K8564	STRIP ASSEM.-----	2
18	9F2978	NUT-----	1
19	S1588	BOLT-----	2
19	4B4280	WASHER--2.4mm(.095 in.)-----	2
20	3P550	ELBOW-----	2
21	L1143	BOLT-----	8
22	3H5522	PLATE-----	2
23	2P9017	BRACKET ASSEM.-----	2
24	7H7954	BOLT-----	2
25	3B4506	LOCKWASHER-----	40
26	3P1882	TUBE ASSEM.-----	2
27	S1571	BOLT-----	20
28	8J1182	CLAMP-----	4
29	S1591	BOLT-----	16
30	1A1460	BOLT-----	2
30	3B4508	LOCKWASHER-----	2
31	8B2133	BOSS-----	2
32	3P1880	TUBE ASSEM.-----	2
33	S373	STUD-----	2
33	1D4717	NUT-----	2
34	1A4784	WASHER--2.6 mm(.104 in.)-----	2

229319

9P2410 BULLDOZER LINES GROUP
 Part of 9P7023 and 9P7022 Hydraulic Control Arrangements listed on Page 157
 9J8067 Valve parts are shown on Page 172. AN ATTACHMENT



CONSISTS OF:

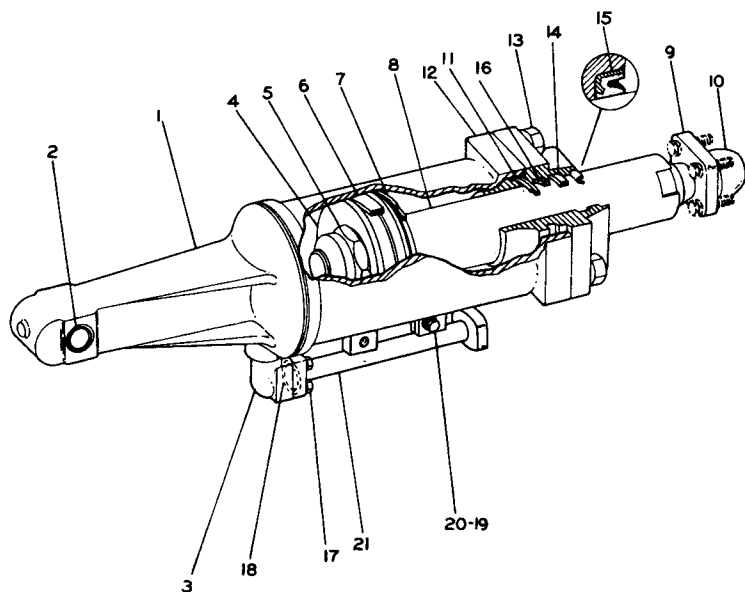
PAGE

1	3G6662	TILT CYLINDER LINES GROUP	180
1	2J1402	HYDRAULIC CYLINDER GROUP	181

**3G6663 TILT CYLINDER ARRANGEMENT
USED IN CONJUNCTION WITH 9P7022 HYDRAULIC CONTROL ARRANGEMENT**

CONSISTS OF:

2	2P8108	HOSE ASSEMBLY TO TILT CYLINDER
2	S1621	BOLT--GUARD TO BOSS
2	2P6588	HEAD--FITTING TO CYLINDER
2	6J499	LUG
2	3K360	SEAL--FITTING TO HEAD
2	3G6645	GUARD--TO HOSE ASSEMBLY
2	54362	FITTING--HOSE ASSEMBLY TO HEAD
4	1P4576	FLANGE--HEAD TO CYLINDER
2	4J5267	SEAL--HEAD TO CYLINDER
8	S1588	BOLT
1	6J333	GUARD ASSEMBLY
4	S1595	BOLT
10	8P8245	WASHER
8	5M2894	WASHER



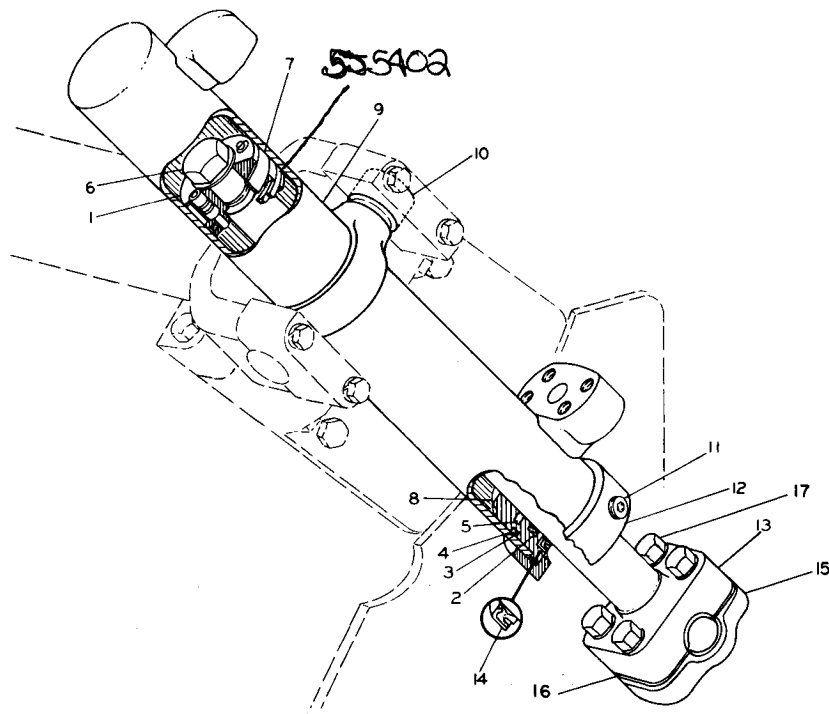
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6J337	CYLINDER ASSEM. -----	1
		(Includes)	
2	2J8489	BEARING -----	1
3	2K44	ELBOW -----	1
4	3J9704	PISTON -----	1
5	2J564	NUT -----	1
6	3J9703	RING -----	1
7	5J4991	SEAL ASSEM. -----	1
8	2J1424	ROD ASSEM. -----	1
		(Includes)	
9	3F6612	CAP -----	1
10	3F6492	BALLSTUD -----	1
11	2K4472	SEAL -----	1
12	2K4473	RING -----	1
C 13	3G9912	HEAD -----	1
	1D4709	BOLT -----	4
C 14	5P8250	WASHER -----	4
C 15	5J8300	SEAL -----	1
16	2J1411	SEAL -----	1
C 17	6J6915	SEAL -----	1
	51571	BOLT -----	4

18	4J519	SEAL -----	1
C 19	3B4506	LOCKWASHER -----	1
	51594	BOLT -----	1
20	1D4717	NUT -----	1
	4B4278	WASHER -----	1
21	8J5818	TUBE ASSEM. -----	1

C INDICATES CHANGE

176233

2J1402 HYDRAULIC CYLINDER GROUP — Blade Tilt — (Change 22) — 165 mm (6.5")
 Bore x 127 mm (5") Stroke
 Part of 3G6663 Tilt Cylinder Arrangement listed on Page 180
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9J2007	PISTON ASSEM.	1
2	5J964	SEAL	1
3	2K6830	RING	1
4	1H8128	SEAL	1
5	5J3620	SEAL	1
C 6	5P1839	BOLT	1
7	8J4359	WASHER	1
8	1M1571	RING	1
9	7J8295	HEAD	1
C 10	8J6867	CYLINDER ASSEM.	1
		(Includes)	
11	4J6374	BEARING	2
C 12	8J5912	SCREW	1
13	7J6461	CROWN	1
14	8J6866	ROD ASSEM.	1
C 15	1K6982	SEAL	1
C 16	3J6559	CAP	1
C 17	3J6572	SHIM	12
C 18	3B2968	BOLT	4
C 19	5P8248	LOCKWASHER	4

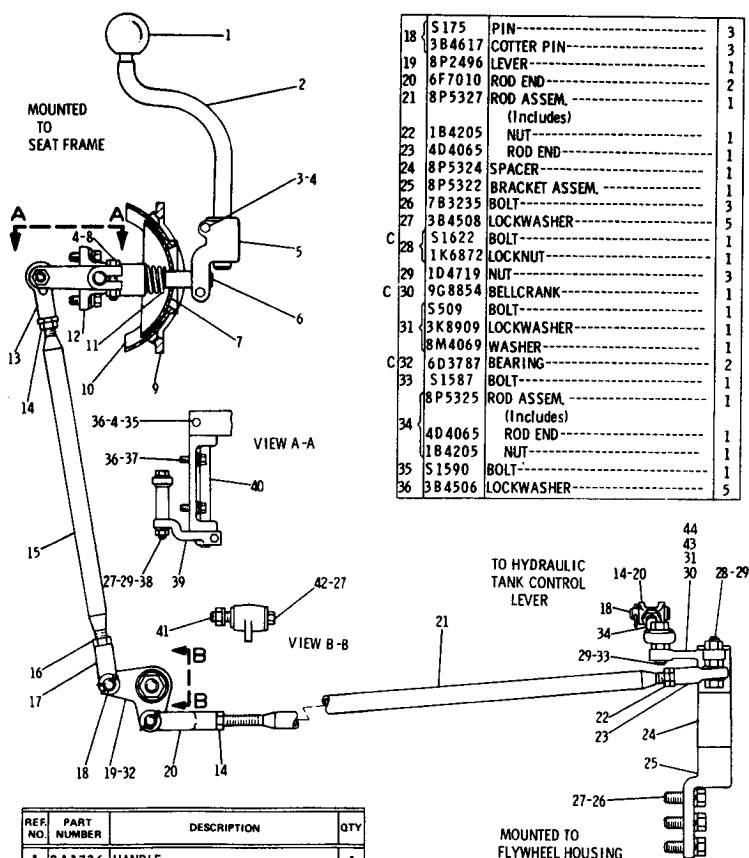
C INDICATES CHANGE

229311

8J6868 LIFT CYLINDER GROUP — (Changes 2,4) — 101.6 mm (4") Bore x 1045.9 mm (41.18") Stroke — 2 Required
 Part of 3G5330 Bulldozer Arrangement listed on Page 186
 AN ATTACHMENT

HYDRAULIC SYSTEM





18	5175	PIN-----	3
19	3B4617	COTTER PIN-----	3
20	8P2496	LEVER-----	1
21	6F7010	ROD END-----	2
22	8P5327	ROD ASSEM.-----	1
		(Includes)	
23	1B4205	NUT-----	1
24	4D4065	ROD END-----	1
25	8P5324	SPACER-----	1
26	8P5322	BRACKET ASSEM.-----	1
27	7B3235	BOLT-----	3
28	3B4508	LOCKWASHER-----	5
29	51622	BOLT-----	1
30	1K6872	LOCKNUT-----	1
31	1D4719	NUT-----	3
32	9C8854	BELLCRANK-----	1
33	5509	BOLT-----	1
34	3K8909	LOCKWASHER-----	1
35	8M4069	WASHER-----	1
36	6D3787	BEARING-----	2
	51587	BOLT-----	1
	8P5325	ROD ASSEM.-----	1
		(Includes)	
	4D4065	ROD END-----	1
	1B4205	NUT-----	1
	51590	BOLT-----	1
	3B4506	LOCKWASHER-----	5

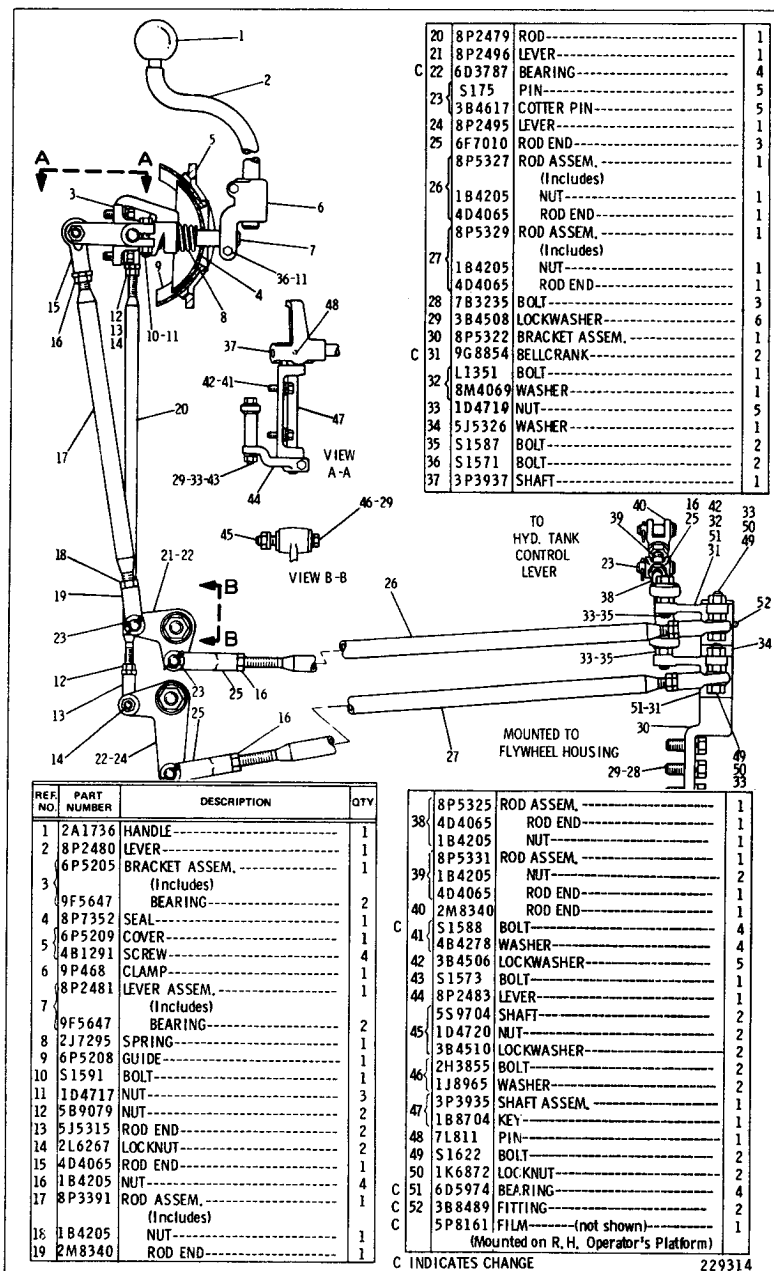
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2A1736	HANDLE-----	1
2	8P2480	LEVER-----	1
3	51571	BOLT-----	2
4	1D4717	NUT-----	4
5	9P468	CLAMP-----	1
6	8P5048	LEVER ASSEM.-----	1
7	8P7352	SEAL-----	1
8	51591	BOLT-----	1
9	6P5209	COVER-----	1
10	4B1291	SCREW-----	4
11	6P5208	GUIDE-----	1
12	2J7295	SPRING-----	1
13	6P5205	BRACKET ASSEM.-----	1
		(Includes)	
14	9F5647	BEARING-----	2
15	4D4065	ROD END-----	3
16	1B4205	NUT-----	1
17	8P3391	ROD ASSEM.-----	1
		(Includes)	
	1B4205	NUT-----	1
	2M8340	ROD END-----	1

37	51588	BOLT-----	4
38	4B4278	WASHER-----	4
39	51573	BOLT-----	1
40	8P2483	LEVER-----	1
41	3P3942	SHAFT-----	1
42	1B8704	KEY-----	2
43	5S9704	SHAFT-----	1
44	1D4720	NUT-----	1
	3B4510	LOCKWASHER-----	1
	2H3855	BOLT-----	1
	1J8965	WASHER-----	1
	6D5974	BEARING-----	2
	3B8489	FITTING-----	1
	5P8166	FILM-----	1
		(Mounted on R. H. Operator's Platform)	

C INDICATES CHANGE

229313

8P5038 IMPLEMENT LINKAGE GROUP — Bulldozer
Part of 9P7023 Hydraulic Control Arrangement listed on Page 157
AN ATTACHMENT



8P5039 IMPLEMENT LINKAGE GROUP — Bulldozer and Blade Tilt
Part of 9P7022 Hydraulic Control Arrangement listed on Page 157
AN ATTACHMENT

CATERPILLAR D6D LGP TRACTOR

CONSISTS OF:			PAGE
1	3G4154	BULLDOZER ARRANGEMENT--STRAIGHT	187
1	5J9210	CYLINDER BRACKET GROUP	190
1	9P8113	BULLDOZER LINES GROUP	176
2	8J6868	CYLINDER GROUP	180

**3G5330 BULLDOZER ARRANGEMENT — Straight
AN ATTACHMENT**

CONSISTS OF:			PAGE
1	3G4154	BULLDOZER ARRANGEMENT	187
1	5J9210	CYLINDER BRACKET GROUP	190
1	2P6058	BULLDOZER LINES GROUP	178
2	8J6868	CYLINDER GROUP	180

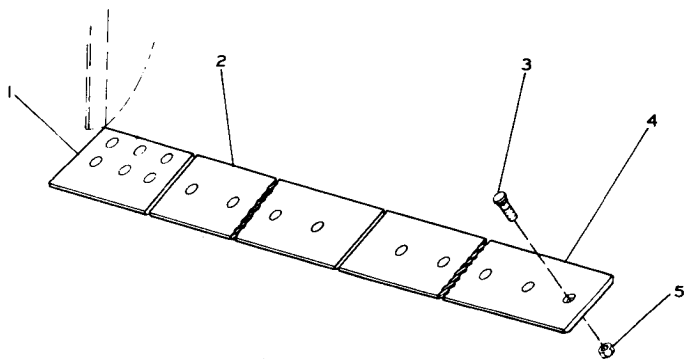
**3G4208 BULLDOZER ARRANGEMENT — Straight — For Brazil Market
AN ATTACHMENT**

CONSISTS OF:

PAGE

1	3G4153	BLADE GROUP	188
1	5S8064	TRUNNION GROUP	18
1	5S9099	PUSH ARM AND BRACE GROUP	189

3G4154 BULLDOZER ARRANGEMENT — Straight Bulldozer Serial No. 21H1-Up

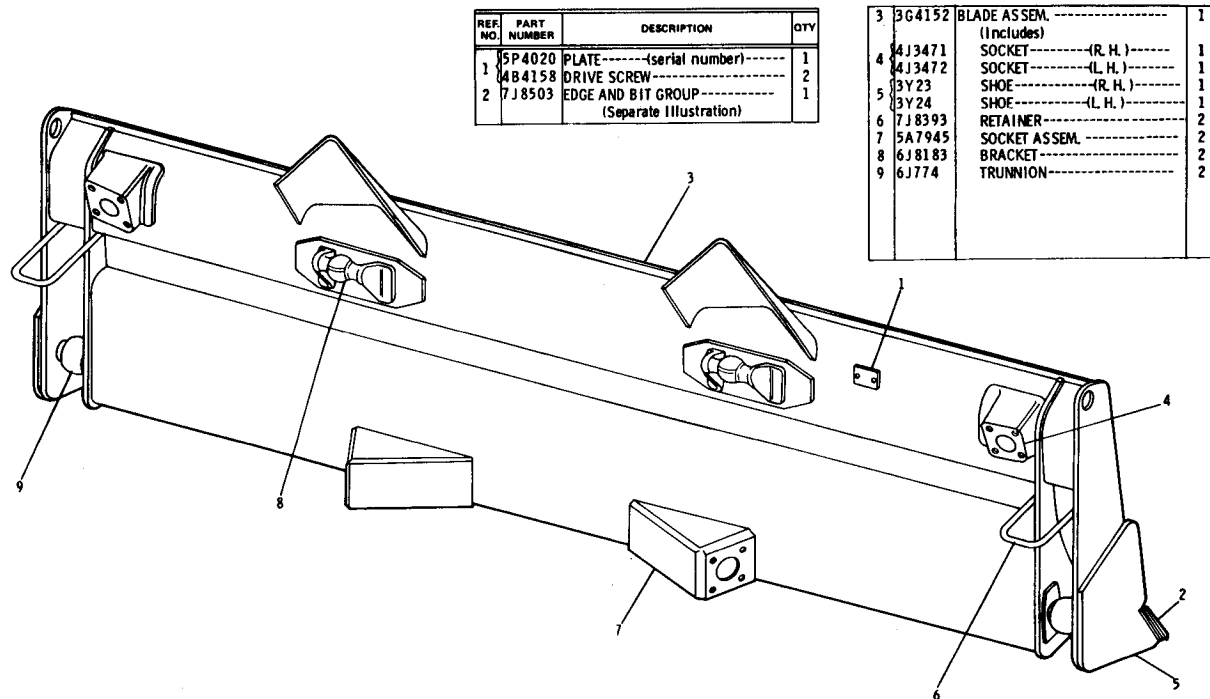


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8J7162	END BIT----- (R. H.)-----	1
1	8J7163	END BIT----- (L. H.)-----	1
2	7J9478	CUTTING EDGE-----	2
3	4F7827	BOLT-----	31

4	8J7156	CUTTING EDGE-----	1
5	2J3506	NUT-----	31

115556

7J8503 EDGE AND BIT GROUP
Part of 3G4153 Blade Group shown on Page 188
AN ATTACHMENT



212955

3G4153 BLADE GROUP

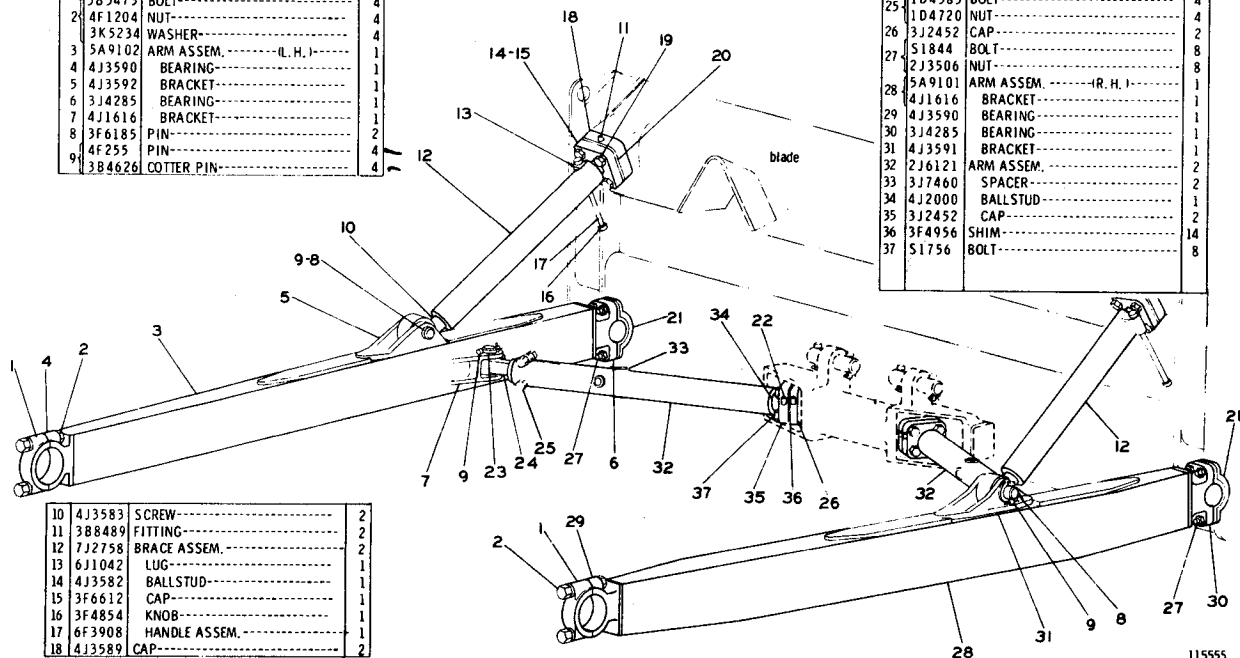
Part of 3G4154 Bulldozer Arrangement listed on Page 187
 7J8503 Edge and Bit parts are shown on Page 187

5S9099 PUSH ARM AND BRACE GROUP
Part of 3G4154 Bulldozer Arrangement listed on Page 187

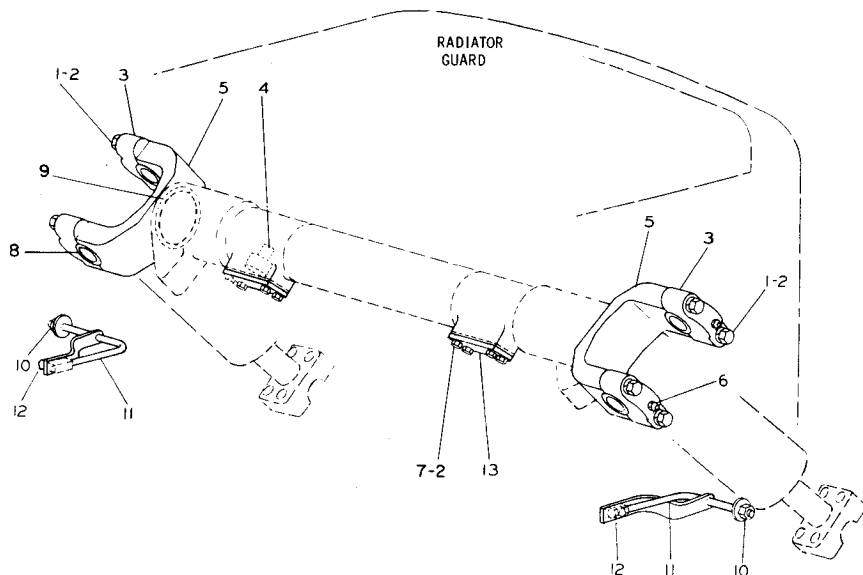
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6F2905	CAP-----	2
	5B5473	BOLT-----	4
2	4F1204	NUT-----	4
	3K5234	WASHER-----	4
3	5A9102	ARM ASSEM. ----- (L. H.)	1
4	4J3590	BEARING-----	1
5	4J3592	BRACKET-----	1
6	3J4285	BEARING-----	1
7	4J1616	BRACKET-----	1
8	3F6185	PIN-----	1
	4F255	PIN-----	4
9	3B4626	COTTER PIN-----	4

19	L1169	BOLT-----	8
20	3F6608	SHIM-----	14
21	3J4284	CAP-----	2

22	2B7408	PLUG-----	4
23	3F4971	PIN-----	2
24	2J6118	SCREW-----	2
25	104585	BOLT-----	4
	104720	NUT-----	4
26	3J2452	CAP-----	2
27	51844	BOLT-----	8
	2J3506	NUT-----	8
	5A9101	ARM ASSEM. ----- (R. H.)	1
28	4J1616	BRACKET-----	1
29	4J3590	BEARING-----	1
30	3J4285	BEARING-----	1
31	4J3591	BRACKET-----	1
32	2J6121	ARM ASSEM.-----	2
33	3J7460	SPACER-----	2
34	4J2000	BALLSTUD-----	1
35	3J2452	CAP-----	2
36	3F4956	SHIM-----	14
37	S1756	BOLT-----	8



10	4J3583	SCREW-----	2
11	3B8489	FITTING-----	2
12	7J2758	BRACE ASSEM.-----	2
13	6J1042	LUG-----	1
14	4J3582	BALLSTUD-----	1
15	3F6612	CAP-----	1
16	3F4854	KNOB-----	1
17	6F3908	HANDLE ASSEM.-----	1
18	4J3589	CAP-----	2



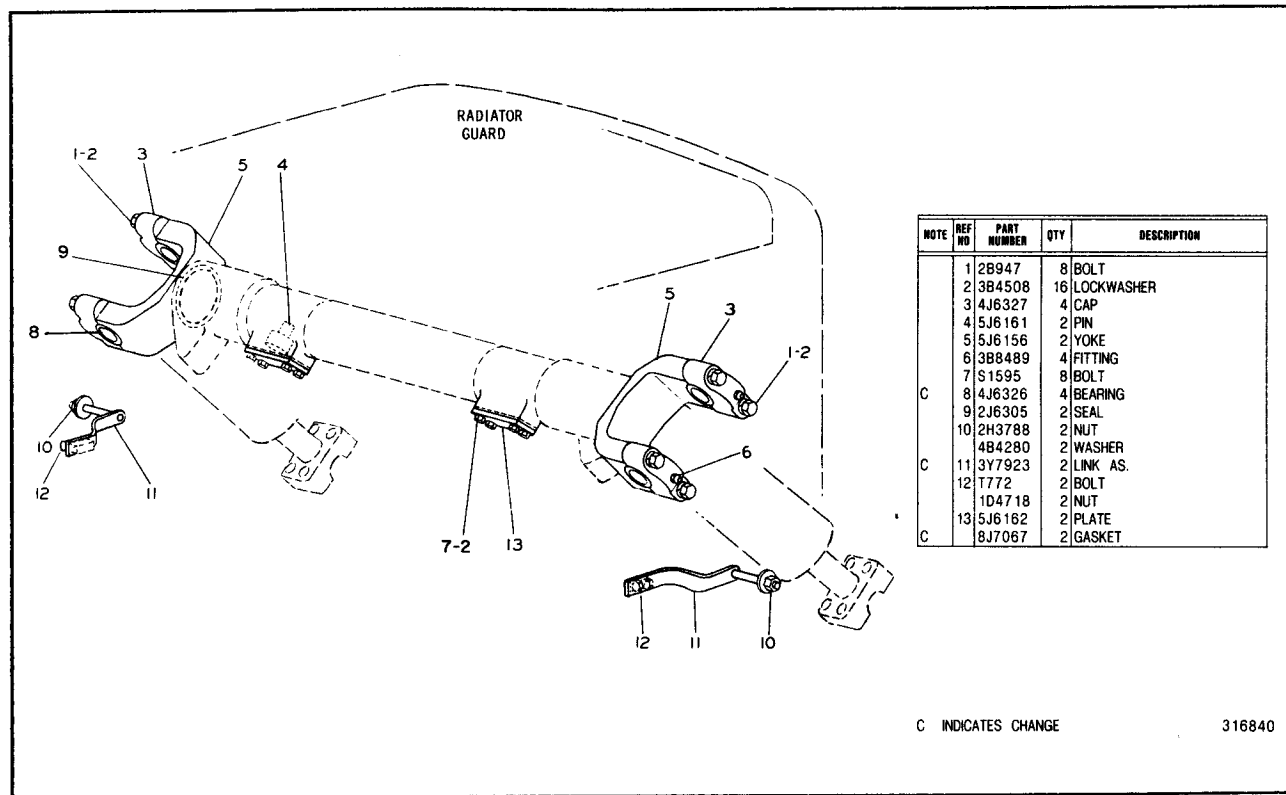
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2B947	BOLT-----	8
2	3B4508	LOCKWASHER-----	16
3	4J6327	CAP-----	4
4	5J6161	PIN-----	2
5	5J6156	YOKE-----	2
6	3B8489	FITTING-----	4
7	S1595	BOLT-----	8
8	4J6326	BEARING-----	8
9	2J6305	SEAL-----	2
10	2H3788	NUT-----	2
11	4B4280	WASHER-----	2
C 11	9J1903	LINK ASSEM.-----	2
12	T772	BOLT-----	2
13	1D4718	NUT-----	2
	5J6162	PLATE-----	2

C INDICATES CHANGE

229309

5J9210 CYLINDER BRACKET GROUP—Type 1
AN ATTACHMENT

5J9210 CYLINDER BRACKET GROUP-TYPE 2 An Attachment



IMPLEMENTS

190A

CONSISTS OF:			PAGE
1	1P6751	GEAR PUMP GROUP	173
1	1P8626	WINCH ARRANGEMENT	191
1	1P8916	WINCH DRIVE GROUP	199
1	8P4826	PUMP LINES GROUP	175
1	8P5694	WINCH CONTROL GROUP	206

8P2319 WINCH ARRANGEMENT — Standard Speed AN ATTACHMENT

CONSISTS OF:			PAGE
1	1P7528	CONTROL VALVE GROUP	166
1	1P8631	WINCH GROUP	200
1	8P1506	CABLE CASE AND GUIDE GROUP	197
1	6V527	PLATE--WINCH NUMBER	
4	4B4158	SCREW--DRIVE	

1P8626 TOWING WINCH ARRANGEMENT

Winch Serial No. 35U2261-Up

Also part of 8P2319 Winch Arrangement listed on Page 191

CONSISTS OF:

PAGE

1	8P5693	CONTROL GROUP--TOWING WINCH	208
1	9G567	CONVERSION GROUP--WINCH	194

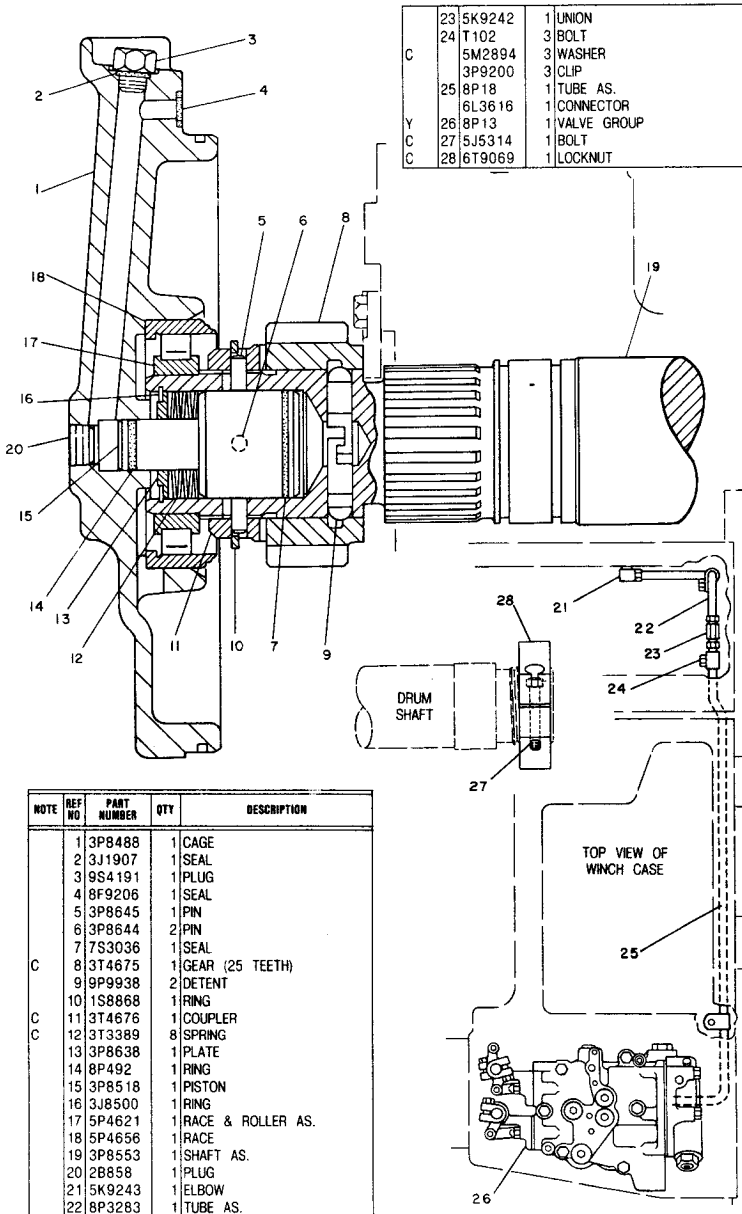
9G2799 WINCH CONVERSION ARRANGEMENT — Disconnect — Low Speed
MUST BE USED IN CONJUNCTION WITH 8P2319 SHOWN ON PAGE 191
AN ATTACHMENT

CONSISTS OF:

PAGE

1	8P5693	CONTROL GROUP--WINCH TOWING	208
1	9G565	CONVERSION GROUP--WINCH	193

9G2800 WINCH CONVERSION ARRANGEMENT — Disconnect — Standard Speed
MUST BE USED IN CONJUNCTION WITH 8P2319 SHOWN ON PAGE 191
AN ATTACHMENT



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	3P8488	1	CAGE
	2	3J1907	1	SEAL
	3	9S4191	1	PLUG
	4	8F9206	1	SEAL
	5	3P8645	1	PIN
	6	3P8644	2	PIN
	7	7S3036	1	SEAL
C	8	3T4675	1	GEAR (25 TEETH)
	9	9P9938	2	DETENT
	10	1S8868	1	RING
C	11	3T4676	1	COUPLER
C	12	3T3389	8	SPRING
	13	3P8638	1	PLATE
	14	8P492	1	RING
	15	3P8518	1	PISTON
	16	3J8500	1	RING
	17	5P4621	1	RACE & ROLLER AS.
	18	5P4656	1	RACE
	19	3P8553	1	SHAFT AS.
	20	2B858	1	PLUG
	21	5K9243	1	ELBOW
	22	8P3283	1	TUBE AS.

C INDICATES CHANGE Y SEPARATE ILLUSTRATION

316764

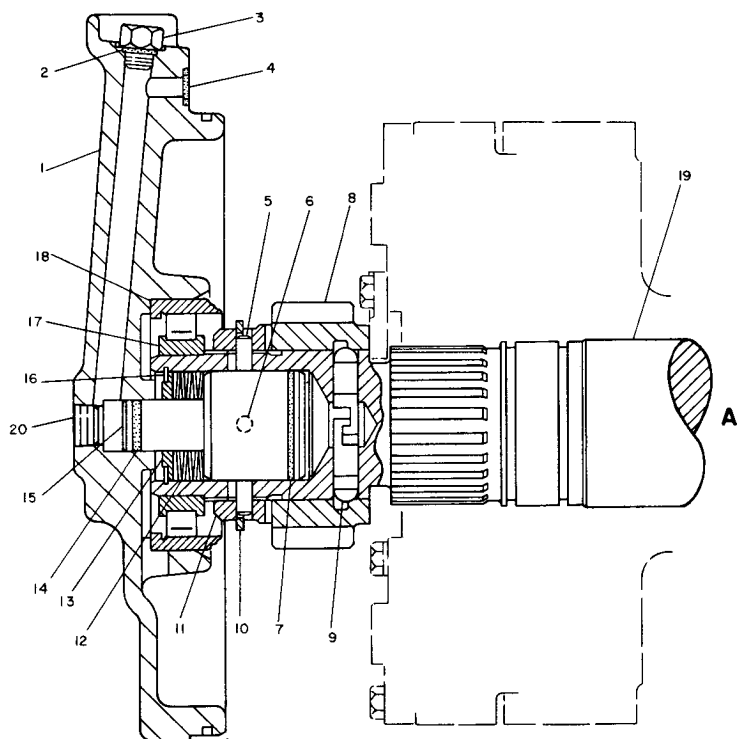
9G565 WINCH CONVERSION GROUP-DISCONNECT-STANDARD SPEED

Winch Serial No. 35U2261-Up

Must Be Used In Conjunction With 8P2319 Shown On Page 191

8P13-Page 167

An Attachment



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3P 8488	CAGE-----	1
2	3J1 907	SEAL-----	1
3	9S 4191	PLUG-----	1
4	8F9206	SEAL-----	1
5	3P 8645	PIN-----	1
6	3P 8644	PIN-----	2
7	7S 3036	SEAL-----	1
8	3P 8404	GEAR----- (25 teeth)	1
9	9P 9938	DETENT-----	2
10	1S 8868	RING-----	1
11	3P 8405	COUPLER-----	1
12	3P 8643	SPRING-----	8
13	3P 8638	PLATE-----	1
14	8P 492	RING-----	1
15	3P 8518	PISTON-----	1
16	3J 8500	RING-----	1
17	5P 4621	RACE AND ROLLER ASSEM.-----	1
18	5P 4656	RACE-----	1
19	3P 8553	SHAFT ASSEM.-----	1
20	2B 858	PLUG-----	1

174760

9G567 WINCH CONVERSION GROUP — Part 1

Winch Serial No. 35U2261-Up

MUST BE USED IN CONJUNCTION WITH 8P2319 SHOWN ON PAGE 191

Also part of 9G2799 Winch Conversion Arrangement listed on Page 192

AN ATTACHMENT

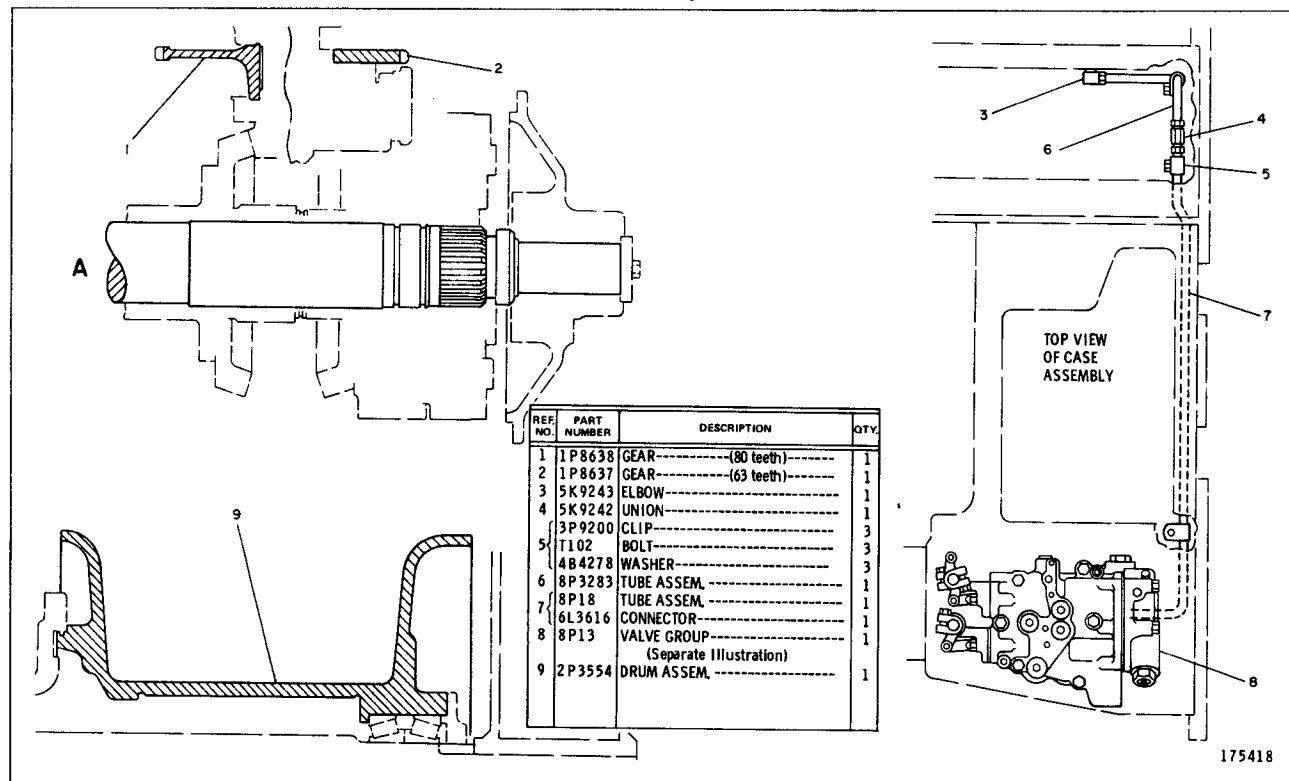
9G567 WINCH CONVERSION GROUP — Part 2

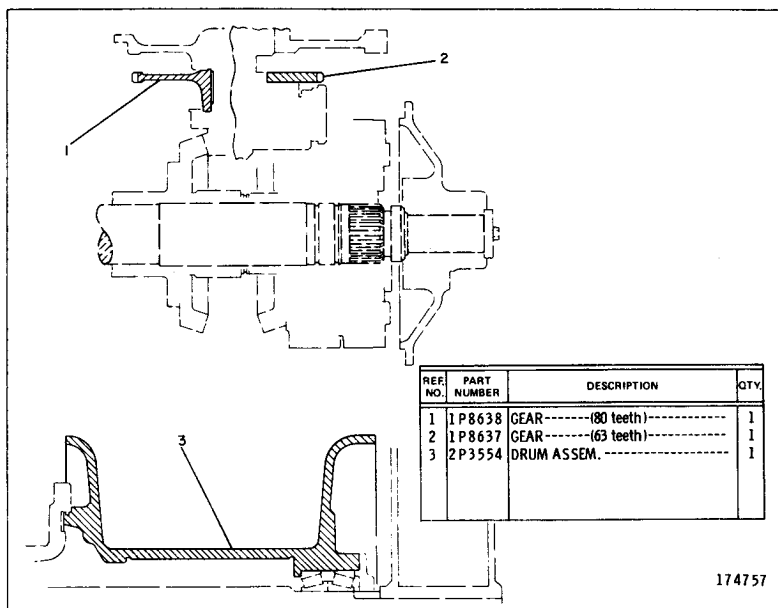
Winch Serial No. 35U2261-Up

MUST BE USED IN CONJUNCTION WITH 8P2319 SHOWN ON PAGE 191

Also part of 9G2799 Winch Conversion Arrangement listed on Page 192

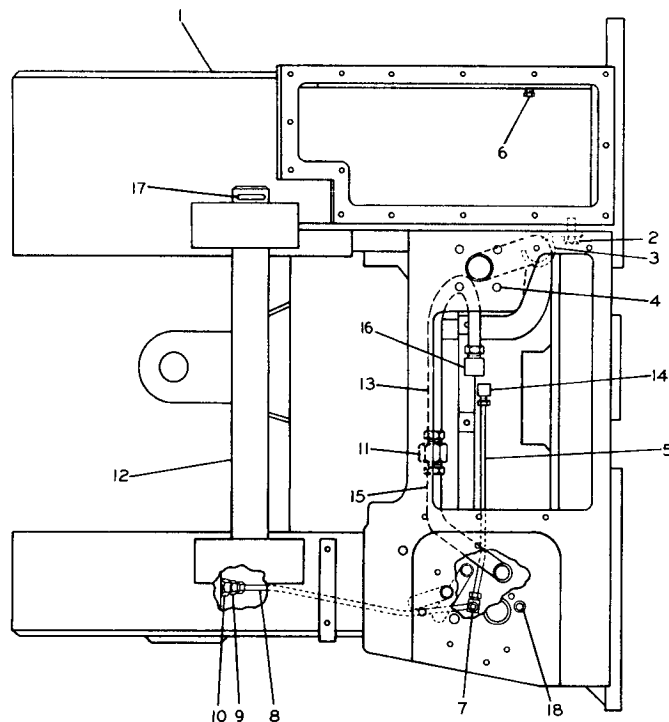
8P13 Valve parts are shown on Page 167. AN ATTACHMENT





9G563 WINCH CONVERSION GROUP — Low Speed
 Winch Serial No. 35U2261-Up
 MUST BE USED IN CONJUNCTION WITH 8P2319 SHOWN ON PAGE 191
 AN ATTACHMENT

8P1506 CABLE CASE & GUIDE GROUP
Winch Serial No. 35U2261 To 35U3661 Inclusive



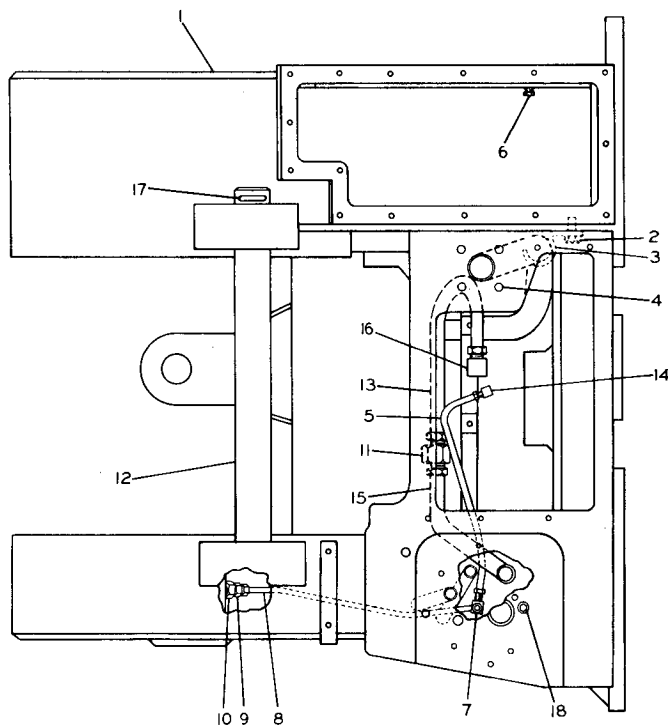
REF NO	PART NUMBER	DESCRIPTION	QTY
1	8P1504	CASE ASSEM.-----	1
		(Includes)	
2	T102	BOLT-----	1
3	484278	WASHER-----	1
4	2P3572	CLAMP-----	1
5	2M1538	STUD-----	4
6	6P7820	TUBE ASSEM.-----	1
7	5M6214	PLUG-----	1
8	9L9045	TEE-----	1
9	1P9279	TUBE ASSEM.-----	1
10	5K9239	CONNECTOR-----	1
11	2P4439	ADAPTER-----	1
12	5K9249	UNION-----	1
13	1P9265	SHAFT-----	1
14	8P7623	TUBE ASSEM.-----	1
15	5K9243	ELBOW-----	1
16	8P7622	TUBE ASSEM.-----	1
17	7F8607	SEAL-----	1
18	5K9240	ELBOW-----	1
	3B5325	COTTER PIN-----	2
	9F2247	PLUG-----	1

C INDICATES CHANGE

180586

IMPLEMENTS

197

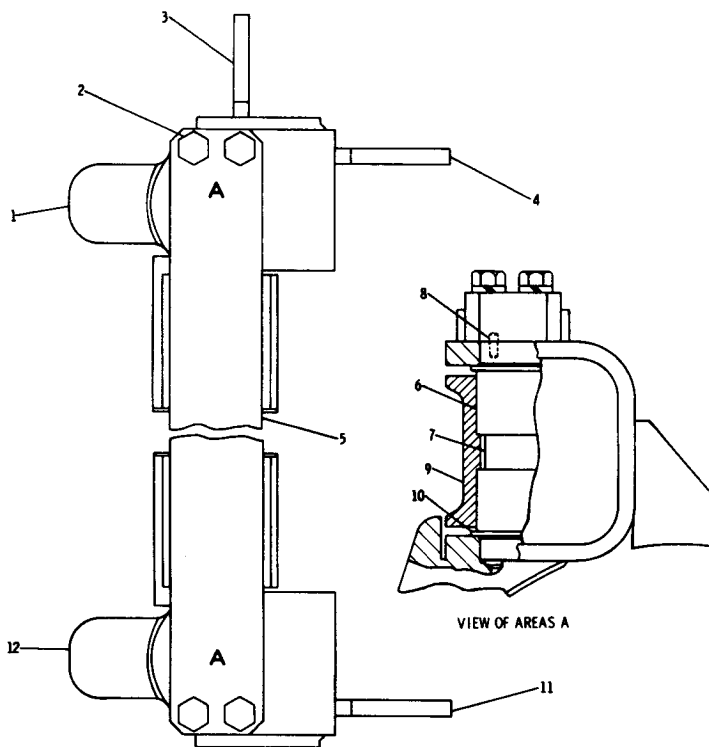


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	8P1504	1	CASE AS.
	2	T102	1	BOLT
		4B4278	1	WASHER
	3	2P3572	1	CLAMP
	4	2M1538	4	STUD
C	5	6T1145	1	TUBE AS.
	6	5M6214	1	PLUG
C	7	6K8498	1	TEE
C	8	6T1146	1	TUBE AS.
C	9	5K9246	1	CONNECTOR
	10	2P4439	1	ADAPTER
	11	5K9249	1	UNION
	12	1P9265	1	SHAFT
	13	8P7623	1	TUBE AS.
C	14	5K9235	1	ELBOW
	15	8P7622	1	TUBE AS.
		7F8607	1	SEAL
	16	5K9240	1	ELBOW
	17	3B5325	2	COTTER PIN
	18	9F2247	1	PLUG

C INDICATES CHANGE

316913

8P1506 CABLE CASE AND GUIDE GROUP
Winch Serial No. 35U3662-Up

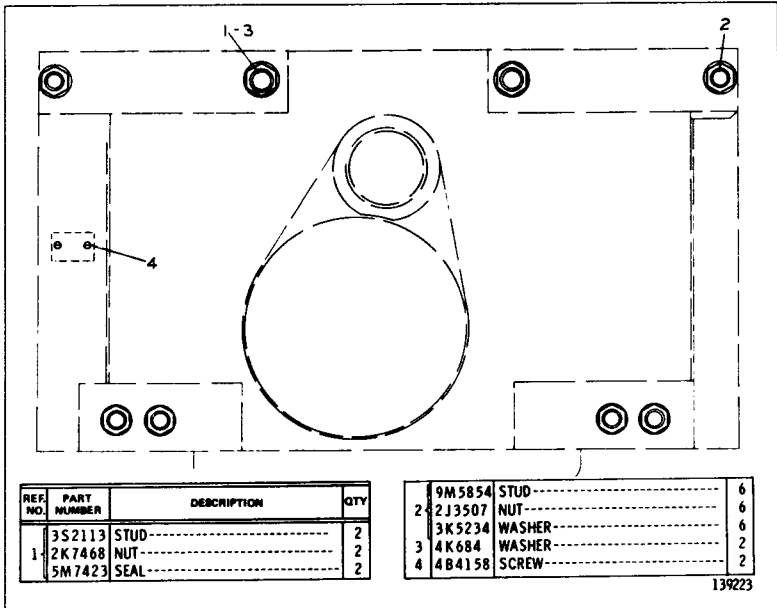


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P2394	SUPPORT ASSEM. ----(L. H.)----	1
2	S1625	BOLT-----	4
3	3B4510	LOCKWASHER-----	4
4	2P2949	GUSSET-----	1
5	2P6882	GUSSET-----	1
6	2P6884	BAR ASSEM.-----	1
7	7J9884	BEARING-----	4
8	2P3559	SHAFT ASSEM.-----	2
		(Each Includes)	
9	9S1307	DOWEL-----	1
10	8P2933	ROLLER-----	2
	2P3558	SLEEVE-----	4

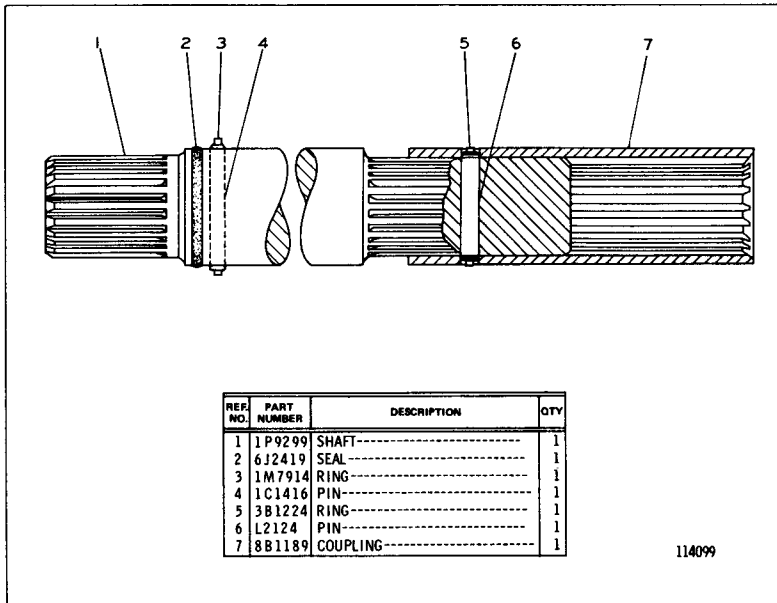
11	2P6881	GUSSET-----	1
12	8P2395	SUPPORT ASSEM. ----(R. H.)----	1
	SMH56746	FORM-----	1
		(Installing Roller Groups)	

208948

8P2396 WINCH ROLLER GUIDE GROUP — Top View
Winch Serial No. 35U2261-Up
AN ATTACHMENT



1P8951 WINCH MOUNTING GROUP
Part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT

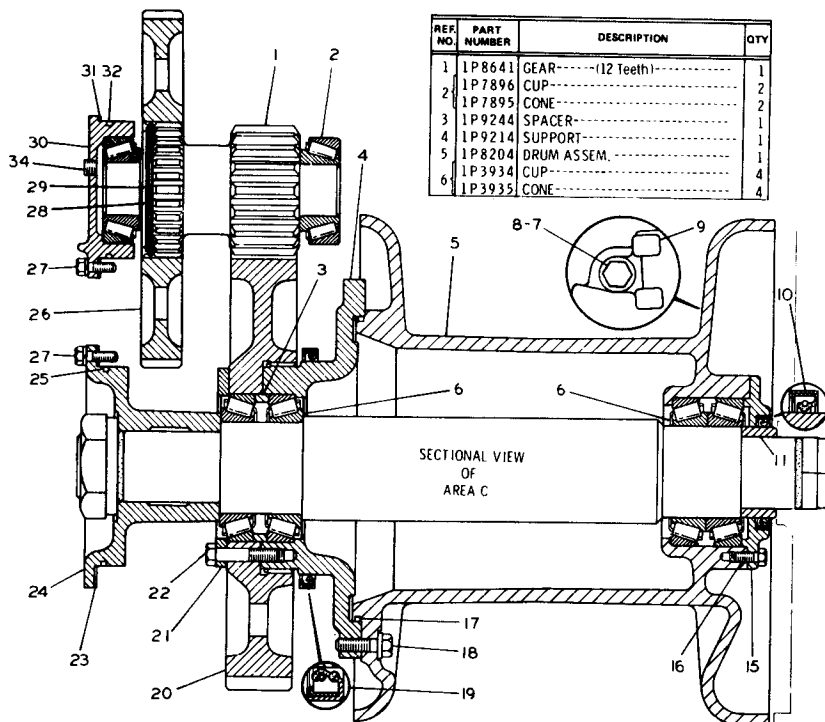


1P8916 WINCH DRIVE GROUP
Part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 2 Of 6

Winch Serial No. 35U2261 To 35U3661 Inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P8641	GEAR------(12 Teeth)-----	1
2	1P7896	CUP-----	2
3	1P7895	CONE-----	2
4	1P9244	SPACER-----	1
5	1P9214	SUPPORT-----	1
6	1P8204	DRUM ASSEM.-----	1
7	1P3934	CUP-----	4
8	1P3935	CONE-----	4

7	783235	BOLT-----	1
8	384508	LOCKWASHER-----	1
9	1P8952	CLAMP-----	1
10	855767	SEAL-----	1
11	3P2846	SPACER-----	1
12	5F3353	NUT-----	2
13	681776	COLLAR-----	2
14	1P9241	SHAFT ASSEM.-----	1
15	6F8146	SEAL-----	2
16	1P8209	RETAINER-----	1
17	L1351	BOLT-----	6
18	2R239	SEAL-----	1
19	S1587	BOLT-----	12
20	2M849	WASHER-----	12
21	5P7456	SEAL-----	1
22	1P8642	GEAR------(50 teeth)-----	1
23	1P9245	RING-----	1
24	9S1366	BOLT-----	8
25	1P9243	SHIM PACK-----	2
26	1P8917	FLANGE-----	1
27	4H6520	SEAL-----	1
28	1P8640	GEAR------(83 teeth)-----	1

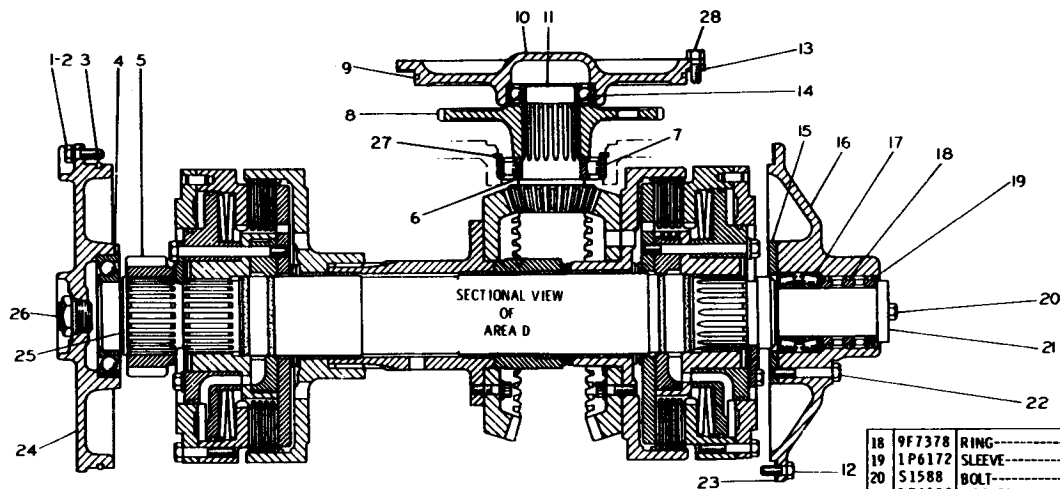
27	1A2029	BOLT-----	14
28	384506	LOCKWASHER-----	14
29	2S8939	RING-----	1
30	1H7478	RING-----	1
31	1P9232	CAGE-----	1
32	1P9246	SHIM PACK-----	1
33	5F3999	SEAL-----	2
34	1H5728	SEAL-----	1
	4B4845	PLUG-----	1

C INDICATES CHANGE

171873

IMPLEMENTS

201



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT-----	8
2	3B4506	LOCKWASHER-----	8
3	2R239	SEAL-----	1
4	7B7515	BEARING-----	1
5	1P8639	GEAR----- (25 Teeth)	1
6	2K1738	RACE AND ROLLER ASSEM.	1
7	5P9066	RACE-----	1
8	1P8636	GEAR----- (71 Teeth)	1

9	5H4909	SEAL-----	1
10	1P6174	CAGE-----	1
11	1P9251	PINION-----	1
12	51594	BOLT-----	9
13	1P6175	SHIM PACK-----	4
14	1143	BEARING-----	1
15	1P4232	RETAINER-----	1
16	1P5290	MANIFOLD-----	1
17	9S3581	CUP-----	2
	9S3582	CONE-----	2

18	9F7378	RING-----	3
19	1P6172	SLEEVE-----	1
20	51588	BOLT-----	2
21	1P6180	WASHER-----	1
22	L1143	BOLT-----	4
23	1P6178	SHIM PACK-----	2
24	1P9247	CAGE-----	1
25	1M4093	RING-----	1
26	4J4742	BODY ASSEM.	1
	7M8485	SEAL-----	1
C 27	5M4480	RING-----	1
C 28	L1351	BOLT-----	6

C INDICATES CHANGE

171874

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

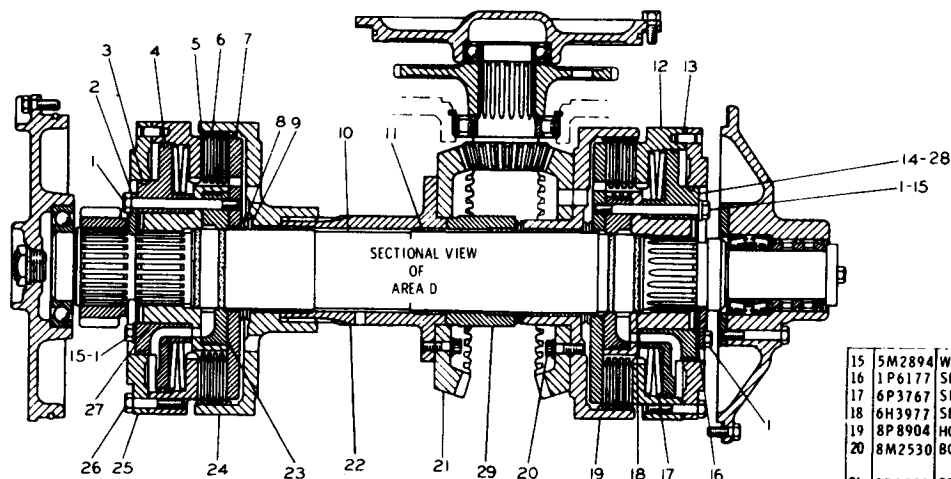
Part 3 Of 6

Winch Serial No. 35U2261 To 35U3661 Inclusive

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 4 Of 6

Winch Serial No. 35U2261 To 35U3661 Inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A5964	BOLT----11.43 cm(4.5 in.) long	16
2	1P6176	PLATE	4
3	1S9497	RING	2
4	8S3371	RING	2
5	2P4371	DISC ASSEM.	10
6	2P4370	PLATE	8

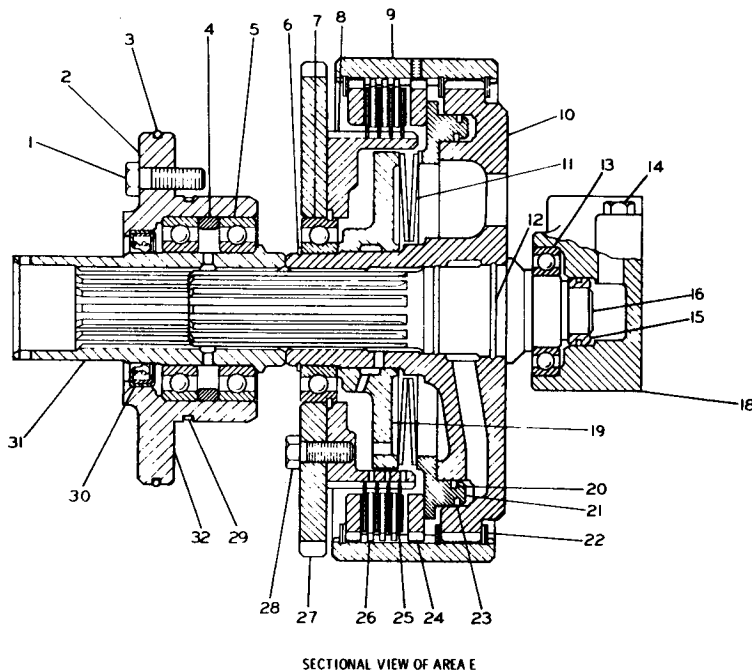
7	1P6167	PLATE	2
8	1P6070	BEARING	3
9	1P6071	RACE	6
10	1P9248	SHAFT ASSEM.	1
11	2P1005	BEARING	6
12	1P6179	HUB ASSEM.	2
13	8B1312	DOWEL	2
14	1P6158	MANIFOLD	2

15	5M2894	WASHER	4
16	1P6177	SHIM PACK	2
17	6P3767	SPRING	4
18	6H3977	SEAL	4
19	8P8904	HOUSING	1
20	8M2530	BOLT	16
21	8P1075	GEAR----- (51 Teeth)	2
22	8P8905	SHAFT	1
23	1P6701	MANIFOLD	2
24	1P8662	HOUSING	1
25	1P6153	PLATE	2
26	51590	BOLT	16
27	1P8651	HUB	2
28	5P6446	BOLT-----5.08 cm(2 in.)	4
29	8P8906	SPACER	1

171875

IMPLEMENTS

203



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1588	BOLT-----	4
2	1P8644	CAGE-----	1
3	6F4718	SEAL-----	1
4	1P9257	SPACER-----	1
5	9M1997	BEARING-----	2
6	4K4284	RING-----	1
7	3K526	BEARING-----	1
8	1P8661	HUB-----	1
9	8P2670	GEAR----- (70 Teeth)-	1
10	6P7828	HOUSING-----	1
11	1P9258	SPRING-----	2
12	6J2419	SEAL-----	2
13	2S3029	BEARING-----	1
14	4F9351	BOLT-----	3
15	2P3672	CARRIER-----	1
16	1P9252	RING-----	1
17	6P7827	SHAFT-----	1
18	6P7826	CAGE-----	1
19	1P7543	HOUSING-----	1
20	1P9261	RING-----	1
21	1P7542	PISTON-----	1
22	1P9254	RING-----	3
23	1P9260	RING-----	1
24	1P7544	PLATE-----	2
25	2P3719	DISC ASSEM.-----	4
26	1P9256	PLATE-----	3
27	1P8635	GEAR----- (72 Teeth)-	1
28	S1594	BOLT-----	8
29	1H6227	SEAL-----	1
30	7H7107	SEAL-----	1
31	1P8663	COUPLING-----	1
32	7M7260	LIQUID GASKET-----	1

171876

1P8631 WINCH GROUP-STANDARD WINCH GEARS AND DRUM WITHOUT DRUM DISCONNECT

Part 5 Of 6

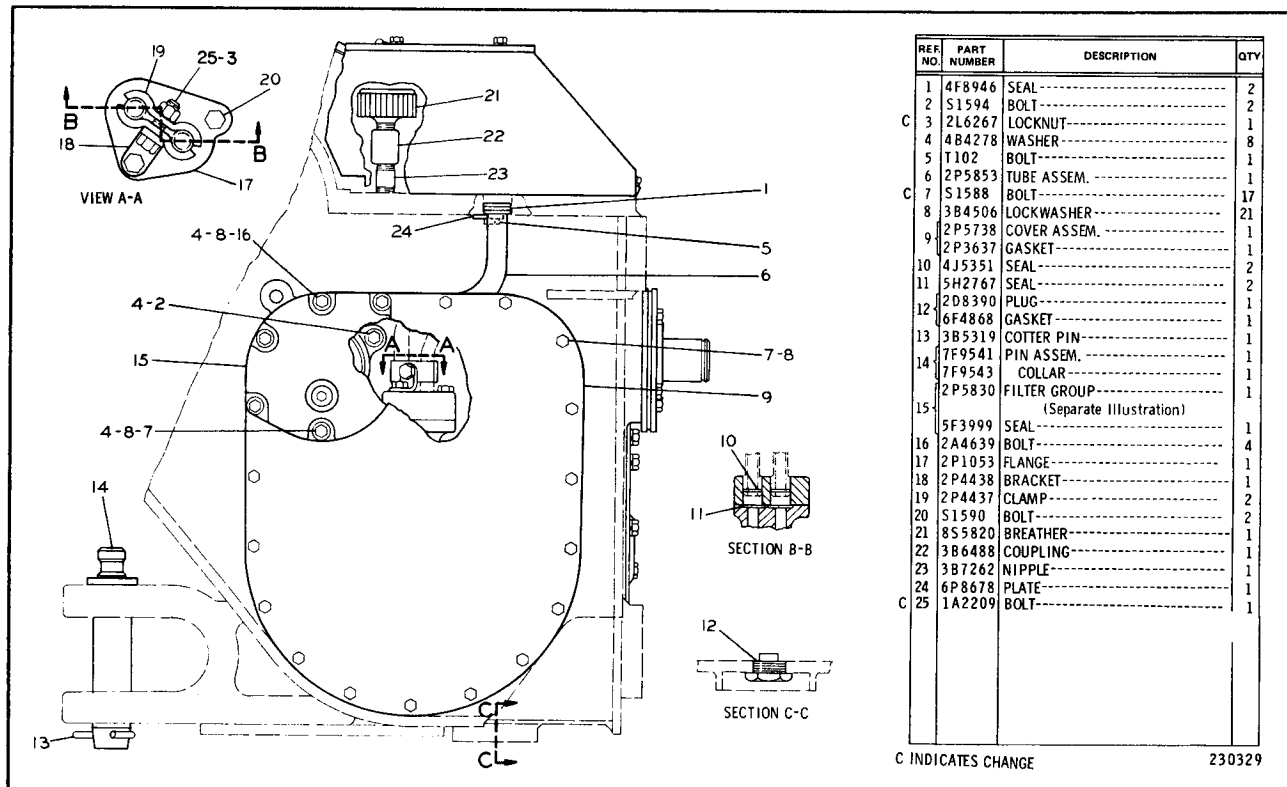
Winch Serial No. 35U2261 To 35U3661 Inclusive

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 6 Of 6

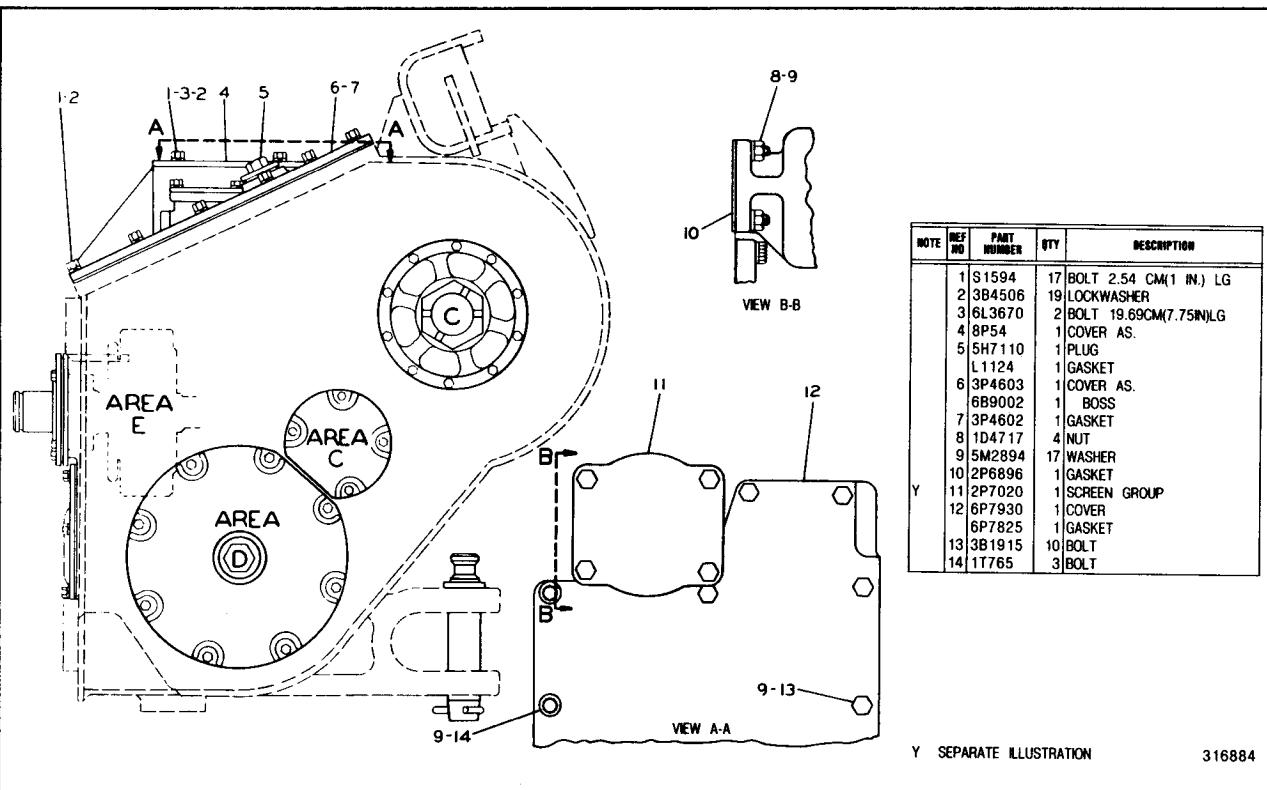
Winch Serial No. 35U2261 To 35U3661 Inclusive

2P5830-Page 210



IMPLEMENTS

205



1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 1 Of 6

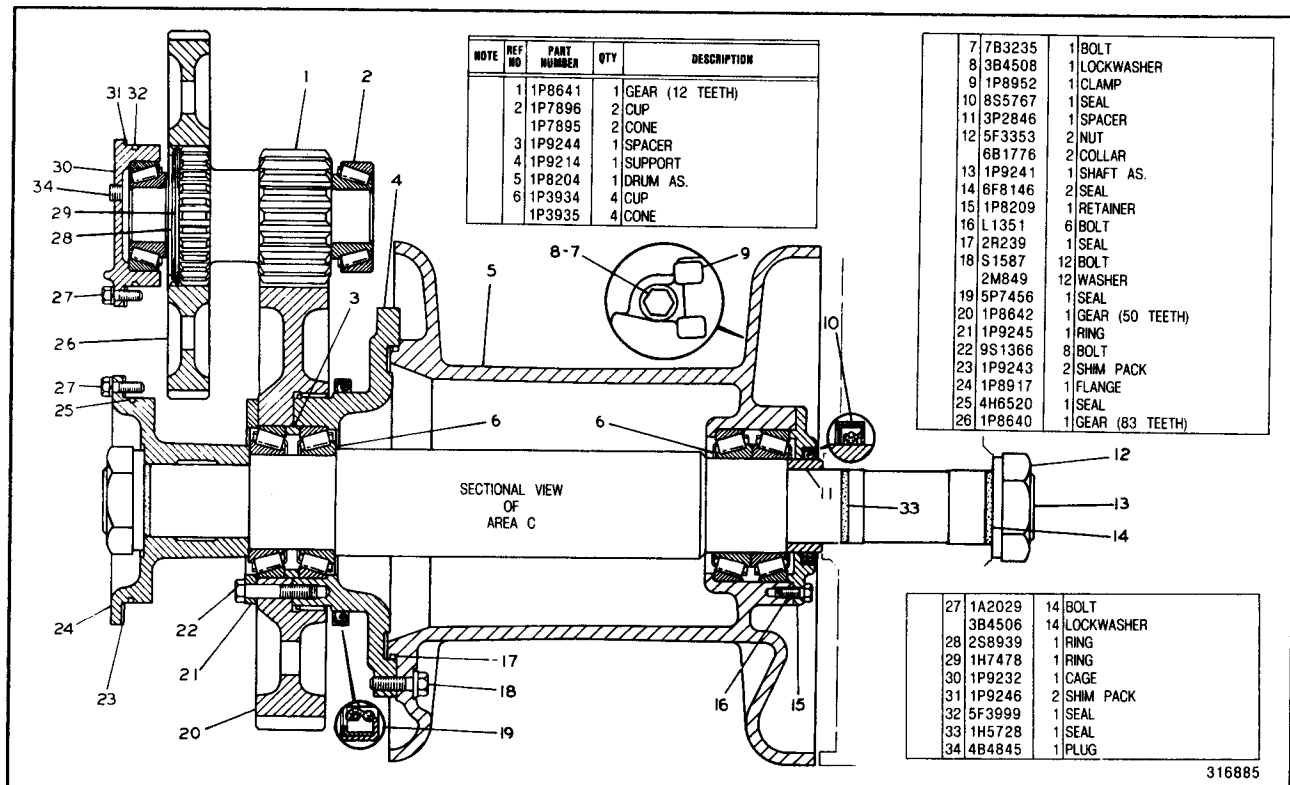
Winch Serial No. 35U3662-Up

2P7020-Page 210

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 2 Of 6

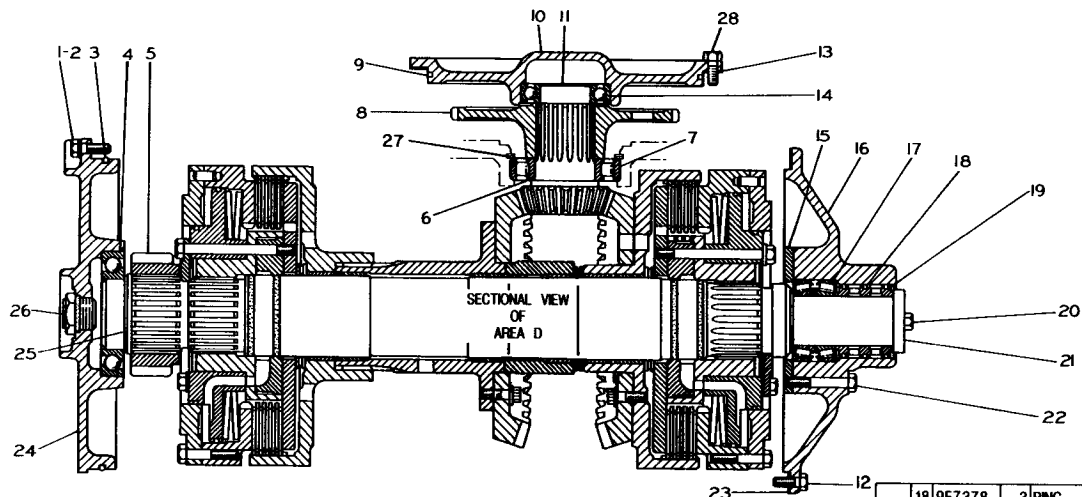
Winch Serial No. 35U3662-Up



316885

IMPLEMENTS

205B



NOTE	REF ID	PART NUMBER	QTY	DESCRIPTION
	1	1A2029	8	BOLT
	2	3B3406	8	LOCKWASHER
	3	2R239	1	SEAL
	4	7B7515	1	BEARING
	5	1P8639	1	GEAR (25 TEETH)
	6	2K1738	1	RACE & ROLLER AS.
	7	5P9066	1	RACE
	8	1P8638	1	GEAR (80 TEETH)

9	5H4909	1	SEAL
10	1P6174	1	CAGE
11	1P9251	1	PINION
12	S1584	9	BOLT
13	1P6175	4	SHIM PACK
14	1T43	1	BEARING
15	1P4232	1	RETAINER
16	1P5290	1	MANFOLD
17	9S3581	2	CUP
	9S3582	2	CONE

18	9F7378	3	RING
19	1P6172	1	SLEEVE
20	S1588	2	BOLT
21	1P6180	4	WASHER
22	L1143	4	BOLT
23	1P6178	2	SHIM PACK
24	1P9247	1	CAGE
25	1M4093	1	RING
26	4J4742	1	BODY AS.
	7M8485	1	SEAL
27	5M4480	1	RING
28	L1351	6	BOLT

316886

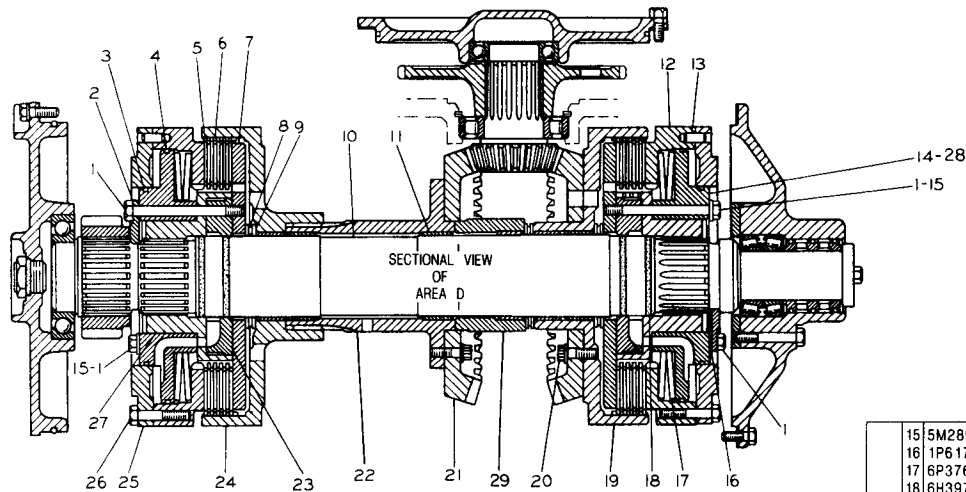
1P8631 WINCH GROUP—STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 3 Of 6

Winch Serial No. 35U3662-Up

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 4 Of 6
Winch Serial No. 35U3662-Up



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1A5964	16	BOLT 11.43CM(4.5IN) LG
	2	1P6176	4	PLATE
	3	1S9497	2	RING
	4	8S3371	2	RING
	5	2P4371	10	DISC AS.
	6	2P4370	8	PLATE

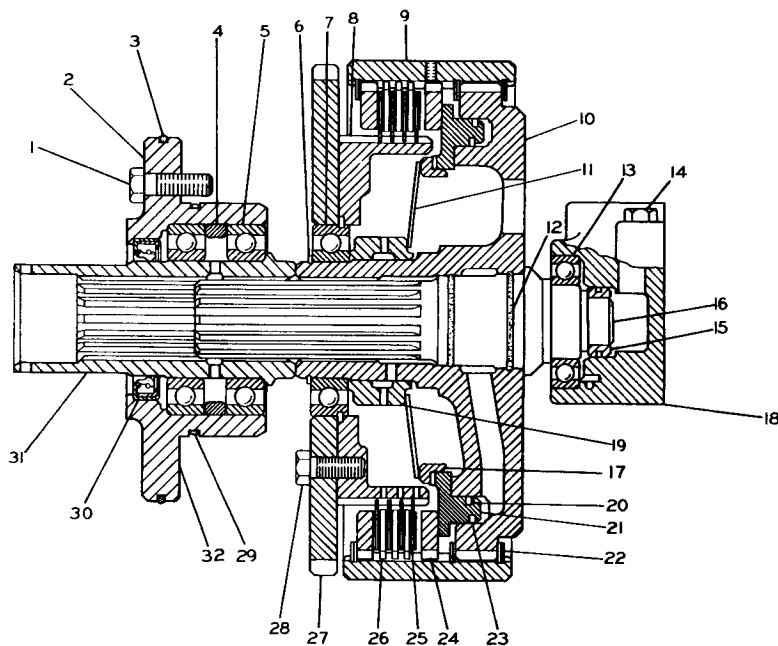
7	1P6167	2	PLATE
8	1P6070	3	BEARING
9	1P6071	6	RACE
10	1P9248	1	SHAFT AS.
11	2P1005	6	BEARING
12	1P6179	2	HUB AS.
13	8B1312	2	DOWEL
14	1P6158	2	MANIFOLD

15	5M2894	4	WASHER
16	1P6177	2	SHIM PACK
17	6P3767	4	SPRING
18	6H3977	4	SEAL
19	8P8904	1	HOUSING
20	8M2530	16	BOLT
21	8P1075	2	GEAR (51 TEETH)
22	8P8905	1	SHAFT
23	1P6701	2	MANIFOLD
24	1P8662	1	HOUSING
25	1P6153	2	PLATE
26	S1590	16	BOLT
27	1P8651	2	HUB
28	5P6446	4	BOLT 5.08CM(2 IN.) LONG
29	8P8906	1	SPACER

316887

IMPLEMENTS

205D



SECTIONAL VIEW OF AREA E

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S1588	4	BOLT
	2	1P8644	1	CAGE
	3	6F4718	1	SEAL
	4	1P9257	1	SPACER
	5	9M1997	2	BEARING
	6	4K4284	1	RING
	7	6V6686	1	BEARING
	8	1P8661	1	HUB
	9	8P2670	1	GEAR (70 TEETH)
	10	6P7828	1	HOUSING
	11	1P9258	1	SPRING
	12	6J2419	2	SEAL
	13	6V958	1	BEARING
	14	5K4781	2	BOLT
	15	2P3672	1	CARRIER
		1P9252	1	RING
	16	6T1412	1	SHAFT
	17	6T1410	1	SPACER
	18	6T1411	1	CAGE
	19	6T1409	1	SPACER
	20	1P9261	1	RING
	21	1P7542	1	PISTON
	22	1P9254	3	RING
	23	1P9260	1	RING
	24	1P7544	2	PLATE
	25	2P3719	4	DISC AS.
	26	1P9256	3	PLATE
	27	1P8635	1	GEAR (72 TEETH)
	28	S1594	8	BOLT
	29	1H6227	1	SEAL
	30	7H7107	1	SEAL
	31	1P8663	1	COUPLING
	32	7M7260	1	LIQUID GASKET

C INDICATES CHANGE

316888

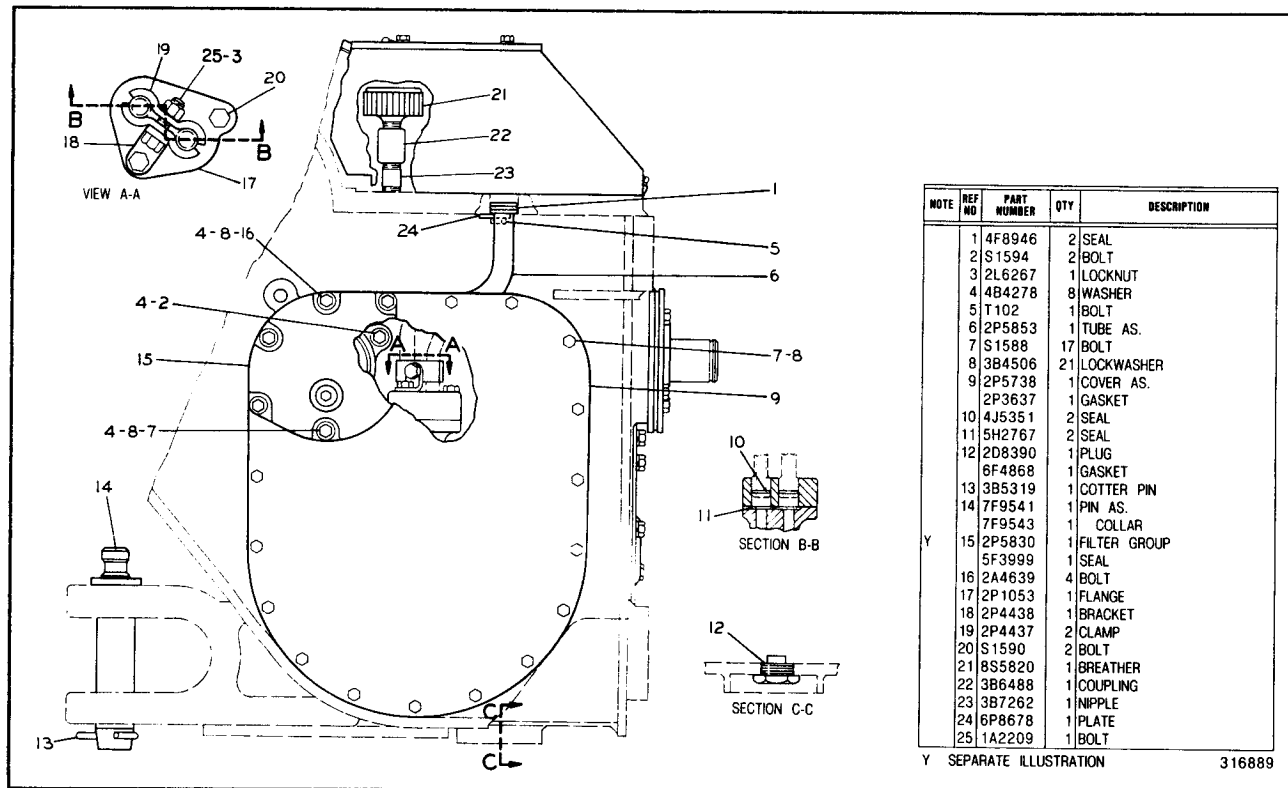
1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 5 Of 6

Winch Serial No. 35U3662-Up

1P8631 WINCH GROUP-STANDARD WINCH GEARS & DRUM WITHOUT DRUM DISCONNECT

Part 6 Of 6
Winch Serial No. 35U3662-Up
2P5830-Page 210

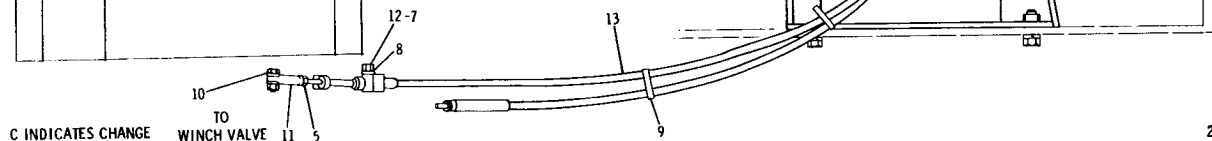


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	4F8946	2	SEAL
	2	S1594	2	BOLT
	3	2L6267	1	LOCKNUT
	4	4B4278	8	WASHER
	5	T102	1	BOLT
	6	2P5853	1	TUBE AS.
	7	S1588	17	BOLT
	8	3B4506	21	LOCKWASHER
	9	2P5738	1	COVER AS.
		2P3637	1	GASKET
	10	4J5351	2	SEAL
	11	5H2767	2	SEAL
	12	2D8390	1	PLUG
		6F4868	1	GASKET
	13	3B5319	1	COTTER PIN
	14	7F9541	1	PIN AS.
		7F9543	1	COLLAR
	15	2P5830	1	FILTER GROUP
		5F3999	1	SEAL
	16	2A4639	4	BOLT
	17	2P1053	1	FLANGE
	18	2P4438	1	BRACKET
	19	2P4437	2	CLAMP
	20	S1590	2	BOLT
	21	8S5820	1	BREATHER
	22	3B6488	1	COUPLING
	23	3B7262	1	NIPPLE
	24	6P8678	1	PLATE
	25	1A2209	1	BOLT

IMPLEMENTS

205F

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P4866	PLATE -----	1
2	7D4786	PLUG -----	1
3	8S7048	ROD END -----	1
4	3B4504	LOCKWASHER -----	1
5	6F612	NUT -----	2
6	1A9579	BOLT -----	1
6	1D4716	NUT -----	1
6	3B4505	LOCKWASHER -----	1
7	9M1974	WASHER -----	2
7	2P6973	CLAMP ASSEM. -----	2
8		(Each Includes)	
8	2H1190	DOWEL -----	1
9	8L8413	STRAP -----	2
10	S1616	BOLT -----	1
10	6D8554	NUT -----	1
11	6L7751	ROD END -----	1
12	187182	BOLT -----	1
C 13	3P2299	CABLE ASSEM. -----	1
14	2K4973	NUT -----	1
14	3L9689	WASHER -----	1

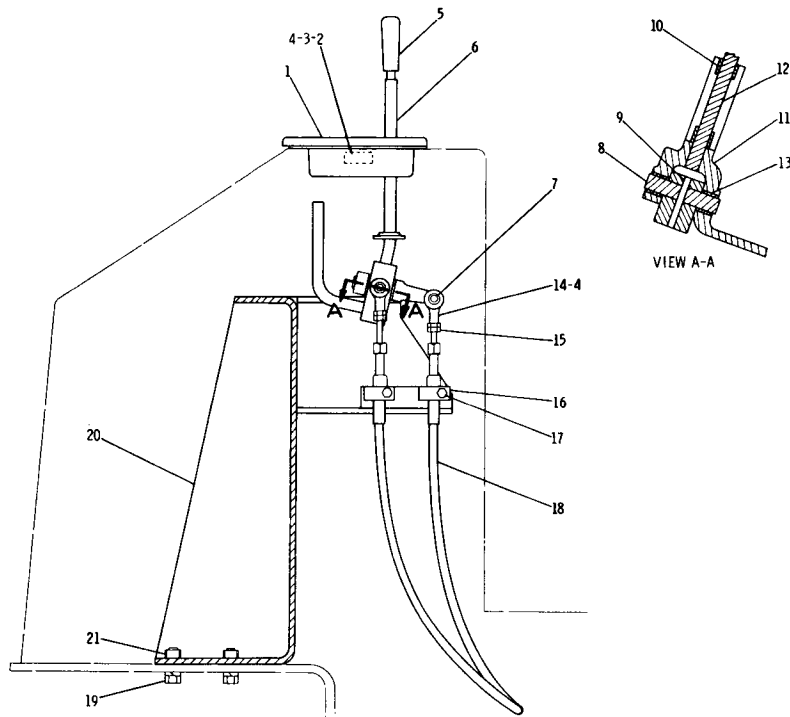


C INDICATES CHANGE

228951

8P5694 WINCH CONTROL GROUP—Without Drum Disconnect—Side View—Type 1
Also part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT

8P5694 WINCH CONTROL GROUP— Without Drum Disconnect— Front View— Type 1
Also part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT



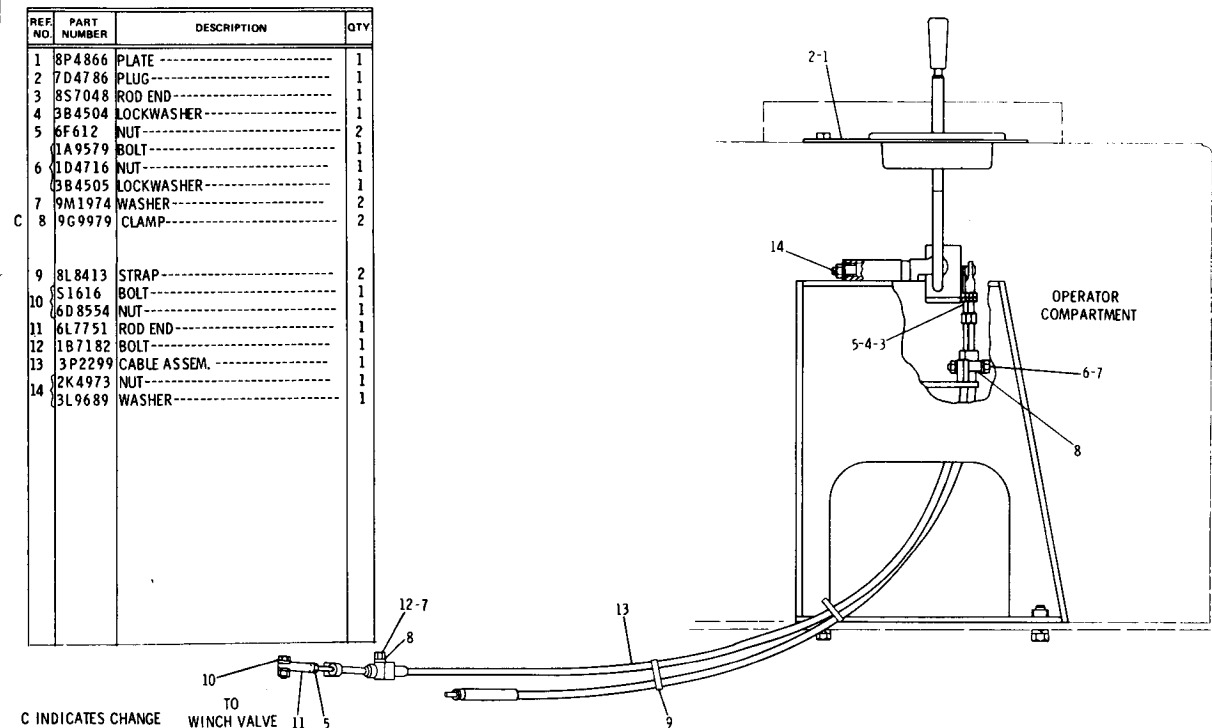
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	6P5661	GUIDE-----	1
C 1	5B7431	SCREW-----	4
2	3P5938	SPRING-----	1
C 3	4B1284	SCREW-----	1
	1B4330	NUT-----	1
4	3B4504	LOCKWASHER-----	2
5	7M706	KNOB-----	1
6	8P4872	LEVER ASSEM.-----	1
7	S1597	BOLT-----	1
	2L9038	LOCKNUT-----	1
8	2P6008	SHAFT-----	1
9	2H2525	PIN-----	1
10	9H2400	BEARING-----	2
11	2P6001	BELLCRANK ASSEM.-----	1
	(Includes)		
12	2P6009	SHAFT-----	1
13	9H2400	BEARING-----	2
14	6L7751	ROD END-----	1
15	6F612	NUT-----	1
	2P6973	CLAMP ASSEM.-----	1
16	(Includes)		
	2H1190	DOWEL-----	1
	1A9579	BOLT-----	1
	1D4716	NUT-----	1
17	3B4505	LOCKWASHER-----	1
	9M1974	WASHER-----	1
C 18	3P2300	CABLE ASSEM.-----	1
	7B3235	BOLT-----	4
19	3B4508	LOCKWASHER-----	4
20	8P5007	SUPPORT ASSEM.-----	1
	(Includes)		
21	1F748	NUT----- (weld)-----	4

C INDICATES CHANGE

228952

IMPLEMENTS

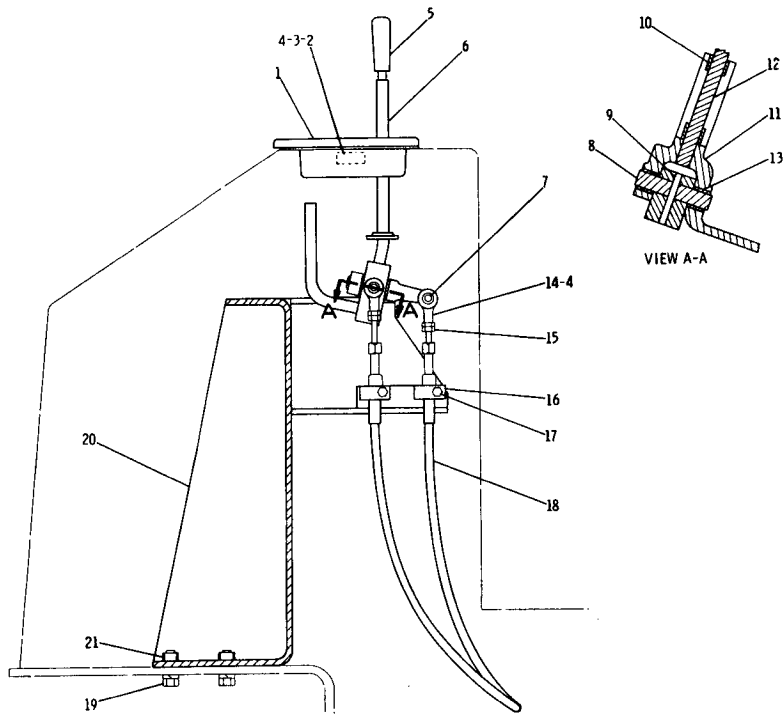
207



234088

8P5694 WINCH CONTROL GROUP—Without Drum Disconnect—Side View—Type 2
 Also part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT

8P5694 WINCH CONTROL GROUP—Without Drum Disconnect—Front View—Type 2
Also part of 8P2319 Winch Arrangement listed on Page 191
AN ATTACHMENT



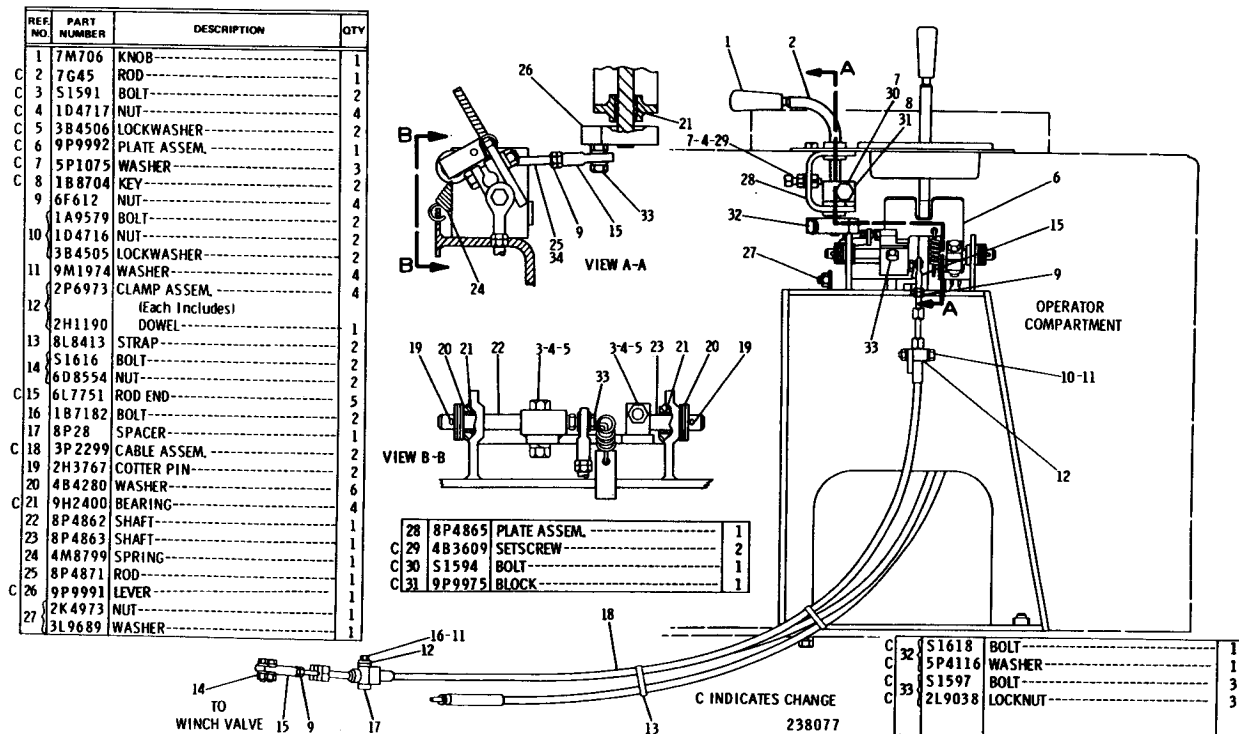
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6P5661	GUIDE-----	1
1	5B7431	SCREW-----	4
2	3P5938	SPRING-----	1
3	4B1284	SCREW-----	1
3	1B4330	NUT-----	1
4	3B4504	LOCKWASHER-----	2
5	7M706	KNOB-----	1
6	8P4872	LEVER ASSEM.-----	1
7	S1597	BOLT-----	1
7	2L9038	LOCKNUT-----	1
8	2P6008	SHAFT-----	1
9	2H2525	PIN-----	1
10	9H2400	BEARING-----	2
11	2P6001	BELLCRANK ASSEM.-----	1
	(Includes)		
12	2P6009	SHAFT-----	1
13	9H2400	BEARING-----	2
14	6L7751	ROD END-----	1
15	6F612	NUT-----	1
C 16	9G9979	CLAMP-----	1
17	1A9579	BOLT-----	1
17	1D4716	NUT-----	1
17	3B4505	LOCKWASHER-----	1
18	9M1974	WASHER-----	1
18	3P2300	CABLE ASSEM.-----	1
19	7B3235	BOLT-----	4
19	3B4508	LOCKWASHER-----	4
20	8P5007	SUPPORT ASSEM.-----	1
	(Includes)		
21	1F748	NUT----- (weld)-----	4

C INDICATES CHANGE

234089

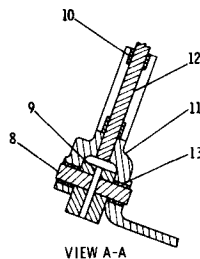
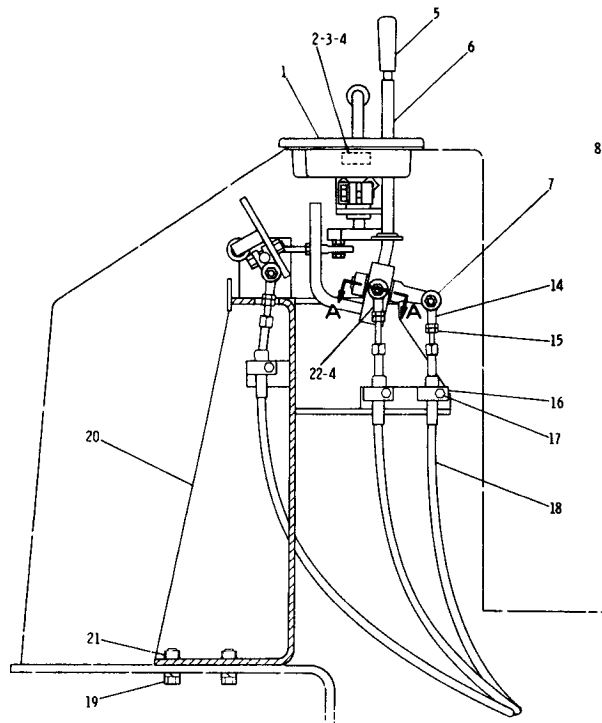
IMPLEMENTS

207B



8P5693 TOWING WINCH CONTROL GROUP—With Cable Drum Disconnect—Side View—Type 1
Also part of 9G2799 and 9G2800 Winch Conversion Arrangement listed on Page 192
AN ATTACHMENT

8P5693 TOWING WINCH CONTROL GROUP—With Cable Drum Disconnect—Front View—Type 1
Also part of 9G2799 and 9G2800 Winch Conversion Arrangement listed on Page 192
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	6P5661	GUIDE-----	1
	5B7431	SCREW-----	4
2	3P5938	SPRING-----	1
C 3	4B1284	SCREW-----	1
	1B4330	NUT-----	1
4	3B4504	LOCKWASHER-----	2
5	7M706	KNOB-----	1
6	8P4872	LEVER ASSEM.-----	1
7	S1597	BOLT-----	1
	2L9038	LOCKNUT-----	1
8	2P6008	SHAFT-----	1
9	2H2525	PIN-----	1
10	9H2400	BEARING-----	2
11	2P6001	BELLCRANK ASSEM.-----	1
(Includes)			
12	2P6009	SHAFT-----	1
13	9H2400	BEARING-----	2
14	6L7751	ROD END-----	1
15	6F612	NUT-----	3
16	2P6973	CLAMP ASSEM.-----	1
	(Includes)		
17	2H1190	DOWEL-----	1
	1A9579	BOLT-----	1
18	1D4716	NUT-----	1
	3B4505	LOCKWASHER-----	1
C 19	9M1974	WASHER-----	1
	3P2300	CABLE ASSEM.-----	1
20	7B3235	BOLT-----	4
	3B4508	LOCKWASHER-----	4
21	8P4852	SUPPORT ASSEM.-----	1
	(Includes)		
C 22	1F748	NUT----- (weld)-----	4
	8S7048	ROD END-----	1

C INDICATES CHANGE

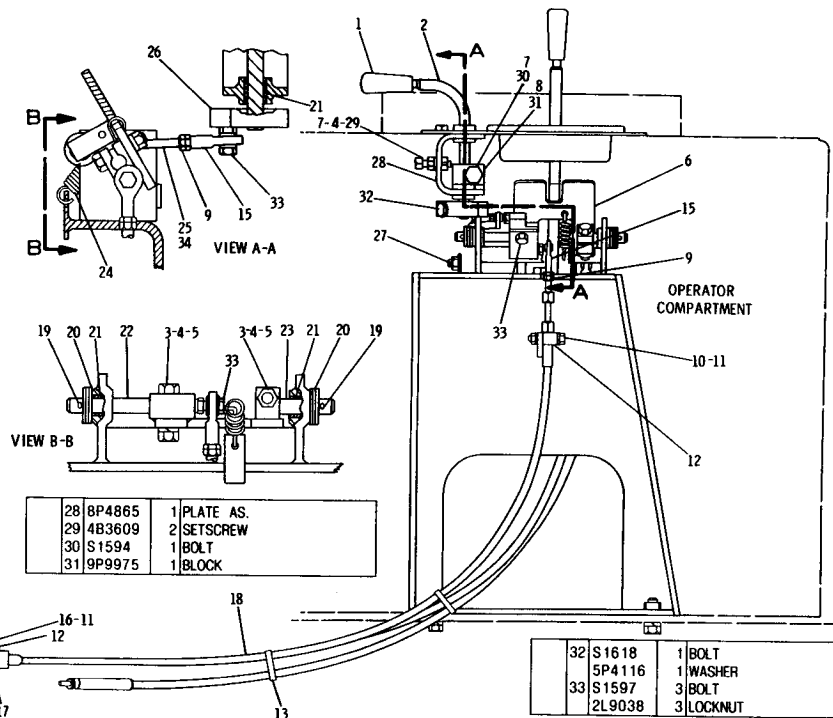
228954

IMPLEMENTS

209

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	7M706	1	KNOB
	2	7G45	1	ROD (GEAR SHIFT)
	3	S1591	2	BOLT
	4	1D4717	4	NUT
	5	3B4506	2	LOCKWASHER
	6	9P9992	1	LEVER
	7	5P1075	3	WASHER
	8	1B8704	2	KEY
	9	6F612	4	NUT
	10	1A9579	2	BOLT
C	11	9M1974	4	WASHER
	12	9G9979	4	CLAMP
	13	8L8413	2	STRAP
	14	S1616	2	BOLT
	15	6D8554	2	NUT
	16	6L7751	5	ROD END
	17	1B7182	2	BOLT
	18	8P28	1	SPACER
	19	3P2299	2	CABLE AS.
	20	2H3767	2	COTTER PIN
C	21	4B4280	6	WASHER
	22	19H2400	4	BEARING
	23	8P4862	1	SHAFT
	24	8P4863	1	SHAFT
	25	4M8799	1	SPRING
	26	8P4871	1	ROD
	27	9P9991	1	LEVER
	28	2K4973	1	NUT
	29	3L9689	1	WASHER
	30			

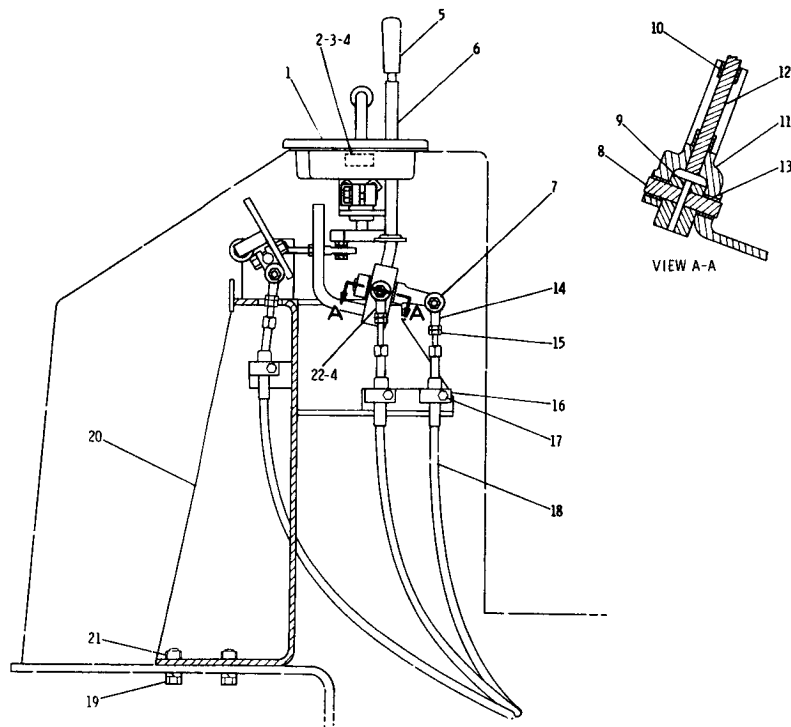
C INDICATES CHANGE



316648

8P5693 TOWING WINCH CONTROL GROUP-WITH CABLE DRUM DISCONNECT-SIDE VIEW
 Part 1 Of 2-Type 2
 An Attachment

OF 3053 TOWING WINCH CONTROL GROUP - WITH CABLE DRUM DISCONNECT - FRONT VIEW
Part 2 Of 2-Type 2
An Attachment



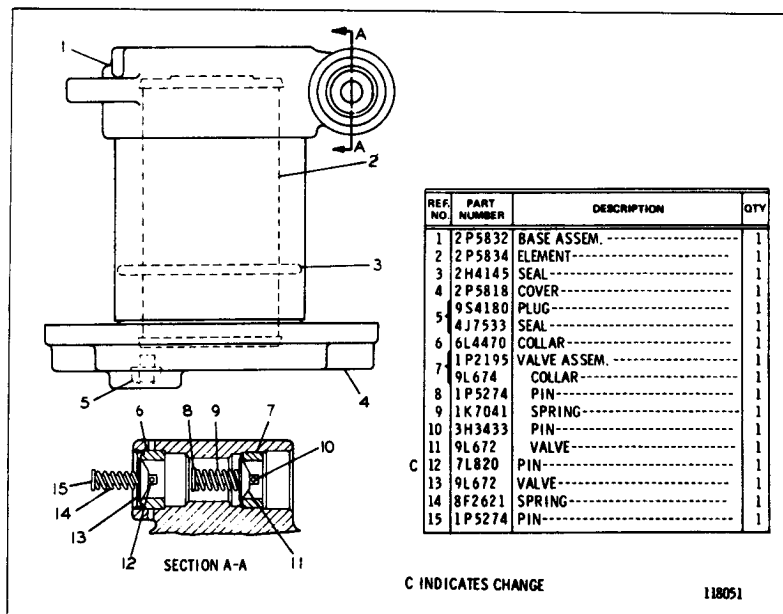
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	6P5661	1	GUIDE
	2	5B7431	4	SCREW
	3	3P5938	1	SPRING
	4	4B1284	1	SCREW
	5	1B4330	1	NUT
	6	3B4504	2	LOCKWASHER
	7	7M706	1	KNOB
	8	8P4872	1	LEVER AS. (GEAR SHIFT)
	9	S1597	1	BOLT
	10	2L9038	1	LOCKNUT
	11	2P6008	1	SHAFT
	12	2H2525	1	PIN
	13	9H2400	2	BEARING
	14	2P6001	1	BELLCRANK AS.
	15	2P6009	1	SHAFT
	16	9H2400	2	BEARING
	17	6L7751	1	ROD END
	18	6F612	3	NUT
	19	9G9979	1	CLAMP
	20	1A9579	1	BOLT
	21	1D4716	1	NUT
	22	3B4505	1	LOCKWASHER
		9M1974	1	WASHER
	18	3P2300	1	CABLE AS.
	19	7B3235	4	BOLT
		3B4508	4	LOCKWASHER
	20	8P4852	1	SUPPORT AS.
	21	1F748	4	NUT (WELD)
	22	8S7048	1	ROD END

C INDICATES CHANGE

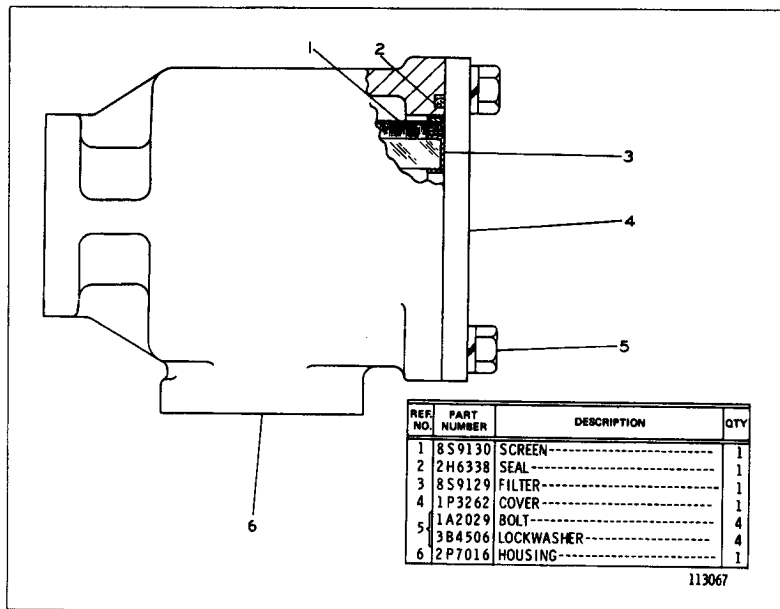
317970

IMPLEMENTS

209B

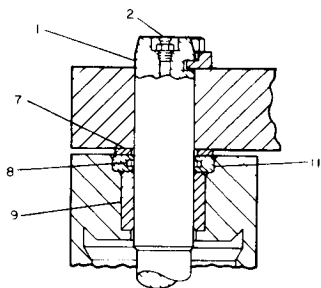


2P5830 OIL FILTER GROUP
Part of 1P8631 Winch Group shown on Page 205
AN ATTACHMENT

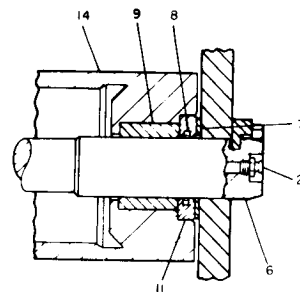


2P7020 MAGNETIC SCREEN GROUP
Part of 1P8631 Winch Group shown on Page 200
AN ATTACHMENT

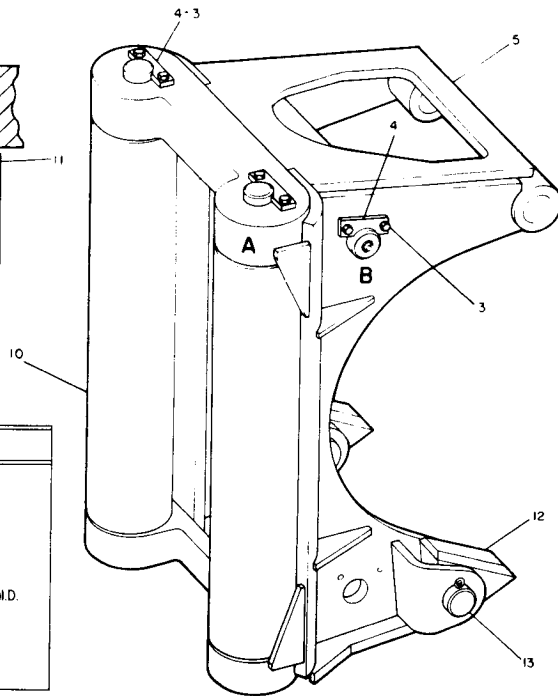
9P7729 WINCH FAIRLEAD GROUP
Winch Serial No. 35U2261—Up
AN ATTACHMENT



VIEW OF AREA A



VIEW OF AREA B

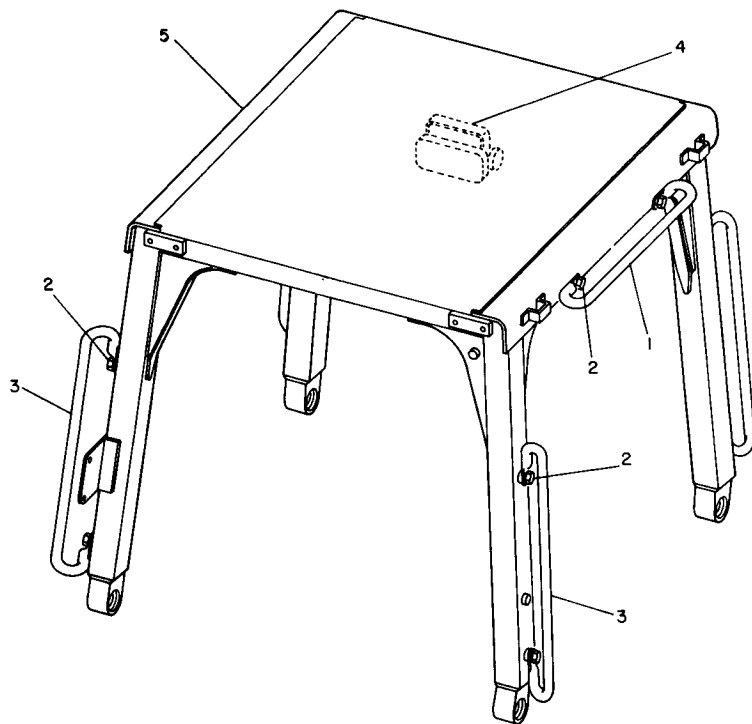


NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C C	1	9P7731	2	SHAFT
	2	3B8489	6	FITTING
	3	7S9372	6	BOLT
	4	9G8253	3	CLIP
	5	9P7730	1	FRAME ASSEM.
	6	6P3471	1	SHAFT
	7	9P9726	6	WASHER
	8	3D2898	6	SEAL 48.8MM(1.925IN.)I.D.
		5P8476	6	SEAL 44.07MM (1.735IN.)I.D.
	9	7J6250	6	BEARING
	10	9P7735	2	ROLLER ASSEM.
	11	9P7453	6	CARRIER

C	12	9P7732	2	SUPPORT
	13	1P7545	2	PIN
		3B5325	2	COTTER PIN
	14	9P7452	1	ROLLER ASSEM
		SMHS6847	1	FORM (INSTALLATION OF 55 & 56 WINCH)

C INDICATES CHANGE

308217



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P8299	GRABIRON-----	2
	S1621	BOLT-----	12
2	3B4508	LOCKWASHER-----	12
	4B4280	WASHER-----	12
3	9P7853	GRABIRON-----	4
4	9P9392	MIRROR GROUP----- (Separate Illustration)	1
5	9G6868	ROLLOVER ASSEM.-----	1

228413

9G6074 ROLL-OVER PROTECTIVE STRUCTURE GROUP — Open
9P9392 Mirror parts are shown on Page 216

	CONSISTS OF:	PAGE
1	9G7396 ROLL-OVER PROTECTIVE SYSTEM	214
1	8N1084 ALTERNATOR GROUP	71
1	8P8283 MISCELLANEOUS COVER GROUP	

CONSISTS OF:

1	3P9091	BOOT--RIPPER LINKAGE
2	8P3870	PLATE--BOOT TO DASH
2	8P3202	BOOT--TO DASH
1	8P6363	PLUG--TORQUE CONVERTER OPENING ON DIRECT DRIVE TO DASH
1	8P6364	PLUG--TACH CABLE OPENING TO DASH
3	4B1282	SCREW--TO BOTTOM OF WINCH CONTROL CASTING
1	6P8863	PLATE--TO BOTTOM OF WINCH CONTROL CASTING
1	6P8861	PLATE--TO WINCH CONTROL LEVER
1	6P8862	PLATE--TO WINCH CONTROL LEVER
1	2J7295	SPRING--TO WINCH CONTROL LEVER
6	L1351	BOLT--PLATE--BOOT TO DASH
6	3B4506	LOCKWASHER--PLATE--BOOT TO DASH
2	9S3335	BULB--DASH
2	5P7856	GROMMET--FOR LIGHT WIRES
1	S1594	BOLT--TO STOP BRACKET
1	9P8348	BRACKET--STOP
1	9M5884	BUMPER--TO STOP BRACKET
1	9P7989	BOLT--TO POWER SHIFT CONSOLE
19 DM	5P782	SEAL--TO COVER
1M	5P5611	SEAL--TO COVER ASSEMBLY
6 DM	3P646	SEALER
1	8P7624	PLATE--INSIDE CONSOLE
3	S509	BOLT--TO PLATE
3	3B4506	LOCKWASHER--TO BOLT
2	4S6336	BUTTON--PLUG CONDENSER HOLES
2	S509	BOLT--PLUG DRYER HOLES
2	1D4717	NUT--PLUG DRYER HOLES

CONSISTS OF:			PAGE
1	9G6870	ROLL-OVER PROTECTIVE SYSTEM ARRANGEMENT.	215
1	8P2129	SAFETY BRACE GROUP	221
1	9G6902	CAB LINER GROUP	221
1	9G8298	CAB PRESSURIZER GROUP	224
1	9G6897	CAB MOUNTING GROUP	222
1	9P9392	MIRROR GROUP	216
1	9G7478	WASHER AND WIPER CONTROL GROUP	230
2	4V8015	LATCH GROUP	217
6	3B4506	LOCKWASHER	
8	S1621	BOLT	
8	3B4508	LOCKWASHER	
8	4B4280	WASHER	
4	9P7853	GRAB IRON	
1	9P1034	PLATE	
2	9P1579	COVER	
8	4F7957	BOLT	
5	S1614	BOLT	
13	3B4504	LOCKWASHER	
5	4B4276	WASHER	
3	T102	BOLT	
3	5P1075	WASHER	
1	9P5053	PLATE	
1	9P5052	PLATE ASSEMBLY	
2	9P2639	GASKET	
2	S1594	BOLT	
4	S509	BOLT	

CONSISTS OF:

PAGE

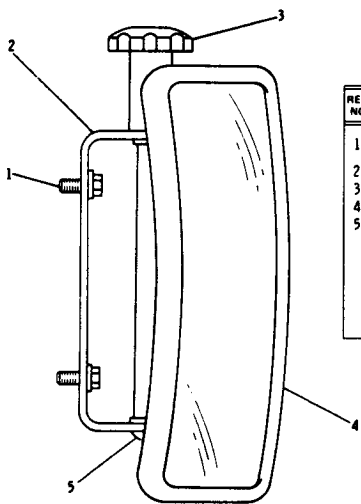
1	9G6854	ROLL-OVER PROTECTIVE SYSTEM GROUP	218
1	7G6541	WASHER AND WIPER GROUP	229

9G6870 ROLL-OVER PROTECTIVE SYSTEM ARRANGEMENT
 Part of 9G7396 Roll-Over Protective Arrangement listed on Page 214
 AN ATTACHMENT

CONSISTS OF:

2	8P9830	GRAB IRON ASSEMBLY
		CONSISTS OF:
	1	8P9831 IRON
	2	8P9841 PLATE
2	S1620	BOLT--To GRAB IRON
4	3B4508	LOCKWASHER--To GRAB IRON
8	1D4608	BOLT ROPS MOUNTING BRACKET TO FENDER REAR
1	9P6891	PLATE ASSEMBLY--To FENDER REAR
		CONSISTS OF:
	1	4V1204 PLATE
	2	8P2813 BOSS
	1	1S1888 BRACKET
8	3B4512	LOCKWASHER--ROPS MOUNTING BRACKET TO FENDER REAR
16	4B4283	WASHER--ROPS MOUNTING BRACKET TO FENDER REAR
8	1B4331	NUT--ROPS MOUNTING BRACKET TO FENDER REAR
1	3T1686	PLATE
1	3T1687	PLATE
4	2A1538	BOLT
4	5P8248	WASHER

9G6921 NON ROPS CONVERSION ARRANGEMENT
 FOR USE WITH REDESIGNED ROPS SUPPORT
 AN ATTACHMENT

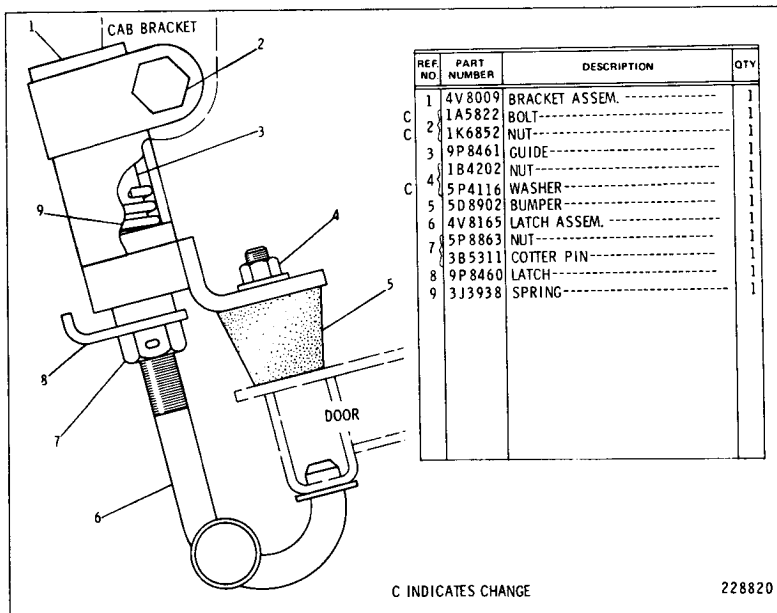


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1351	BOLT-----	2
1	5P1075	WASHER-----	2
2	9P9390	BRACKET-----	1
3	9P9388	KNOB-----	1
4	5P6874	MIRROR-----	1
5	5K9179	BOLT-----	1

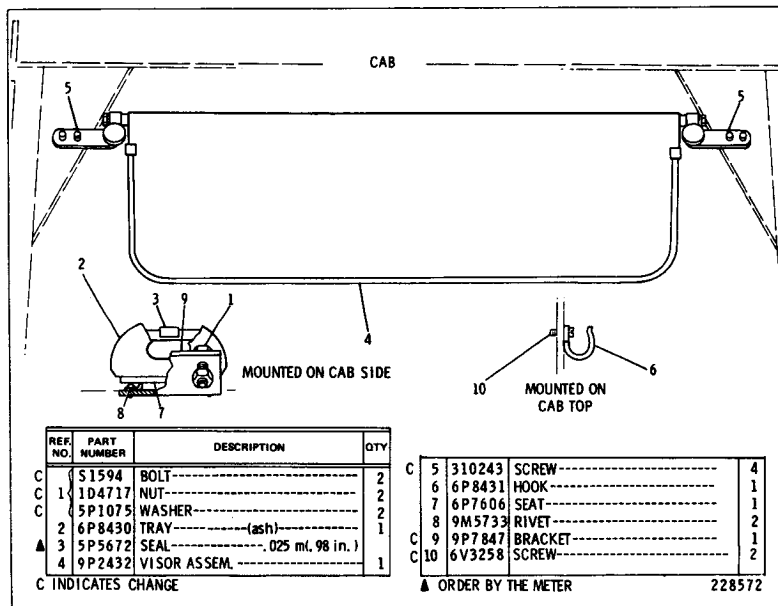
216983

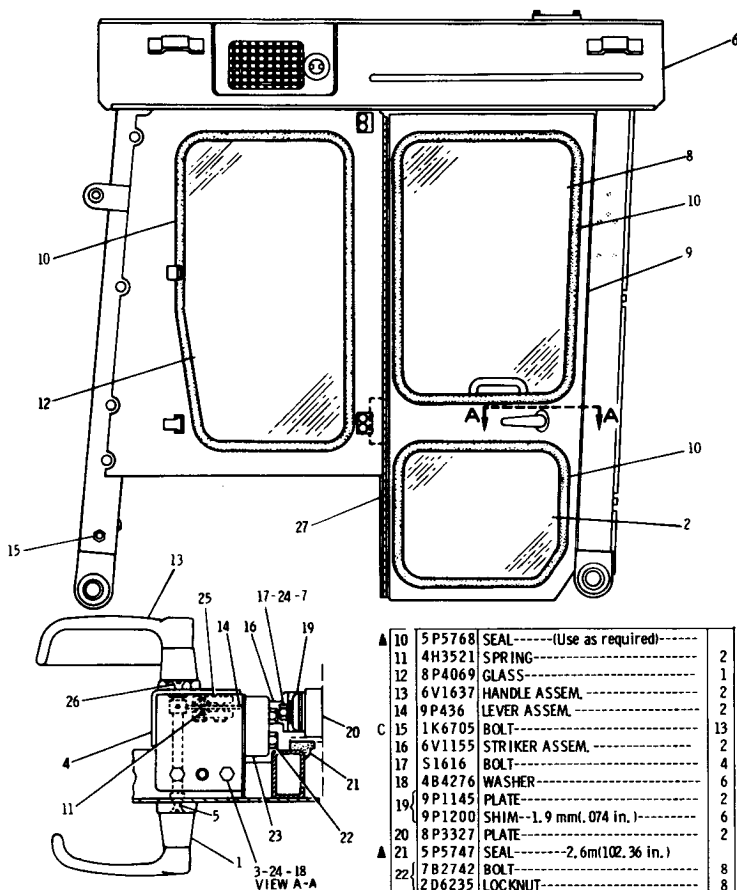
9P9392 MIRROR GROUP

Part of 9G6074 Roll-Over Protective Structure Group and 9G7396 Roll-Over Protective System Arrangement shown on Pages 212 and 214

**4V8015 LATCH GROUP — Door Hold Back**

Part of 9G7396 Roll-Over Protective System Arrangement listed on Page 214

**8P2140 CAB ACCESSORY GROUP
AN ATTACHMENT**



REF NO	PART NUMBER	DESCRIPTION	QTY
C	6V2714	HANDLE ASSEM. (Each Includes)	2
1	5K4340	KEY	1
2	8P3326	GLASS	1
3	S1615	BOLT	6
4	9P1395	COVER ASSEM. --- (R. H.)	1
4	9P1396	COVER ASSEM. --- (L. H.)	1
C	5	6V1841 SCREW	4
6	9G6827	CAB ASSEM.	1
7	9N869	WASHER	4
8	8P3325	GLASS	1
9	9G6865	DOOR ASSEM. (Includes)	1
C	9D6621	NUT	2

● NOT SHOWN

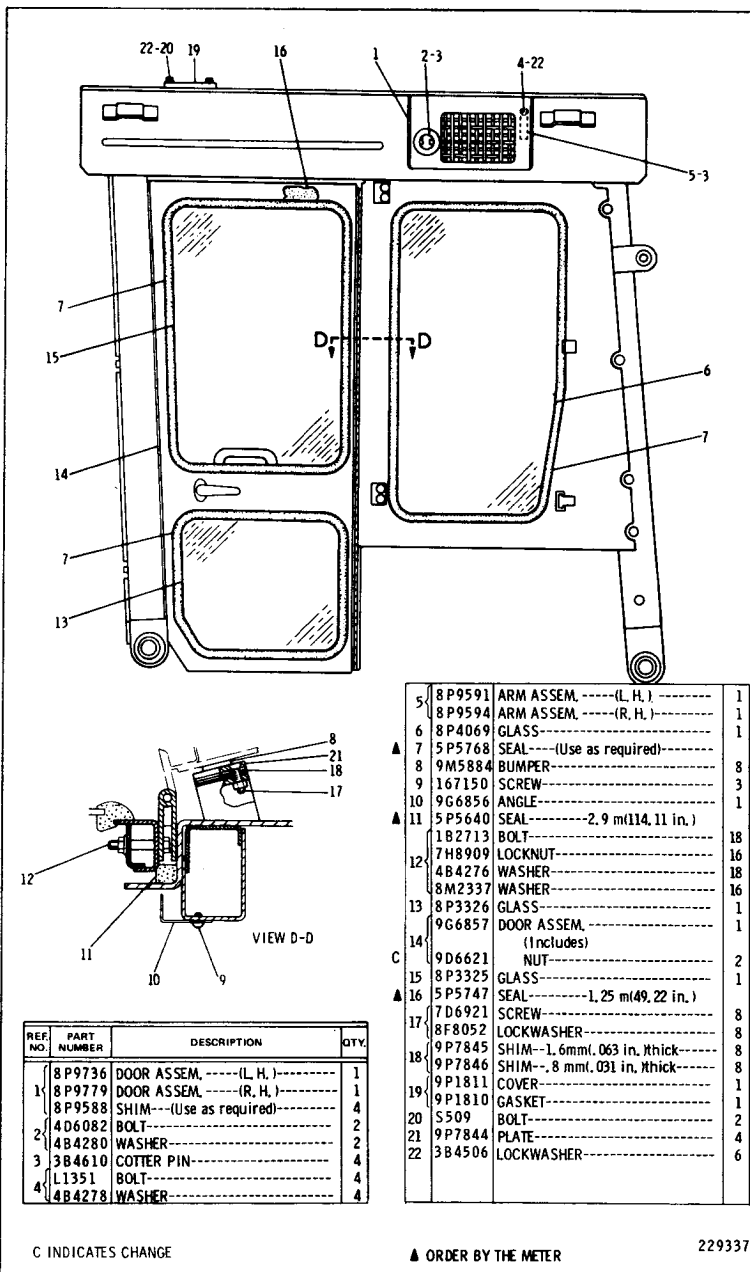
C INDICATES CHANGE

▲	10	5P5768	SEAL----- (Use as required)-----	2
	11	4H3521	SPRING-----	1
	12	8P4069	GLASS-----	2
	13	6V1637	HANDLE ASSEM.-----	2
	14	9P436	LEVER ASSEM.-----	2
C	15	1K6705	BOLT-----	13
	16	6V1155	STRIKER ASSEM.-----	2
	17	S1616	BOLT-----	4
	18	4B4276	WASHER-----	6
	19	9P1145	PLATE-----	2
	19	9P1200	SHIM--1.9 mm(.074 in.)-----	6
	20	8P3327	PLATE-----	2
▲	21	5P5747	SEAL----- 2.6m(102.36 in.)	1
	22	7B2742	BOLT-----	8
	22	2D6235	LOCKNUT-----	8
	23	6V3295	LATCH----- (R. H.)-----	1
	23	6V3296	LATCH----- (L. H.)-----	1
	24	3B4504	LOCKWASHER-----	10
	25	9P6894	LEVER-----	2
	25	9P6895	PIN-----	4
C	26	4M190	SCREW-----	4
C	27	8P3323	HINGE-----	2
●		6V888	FILM----- (Instruction)----- (Film to be placed next to exterior door handles)	1

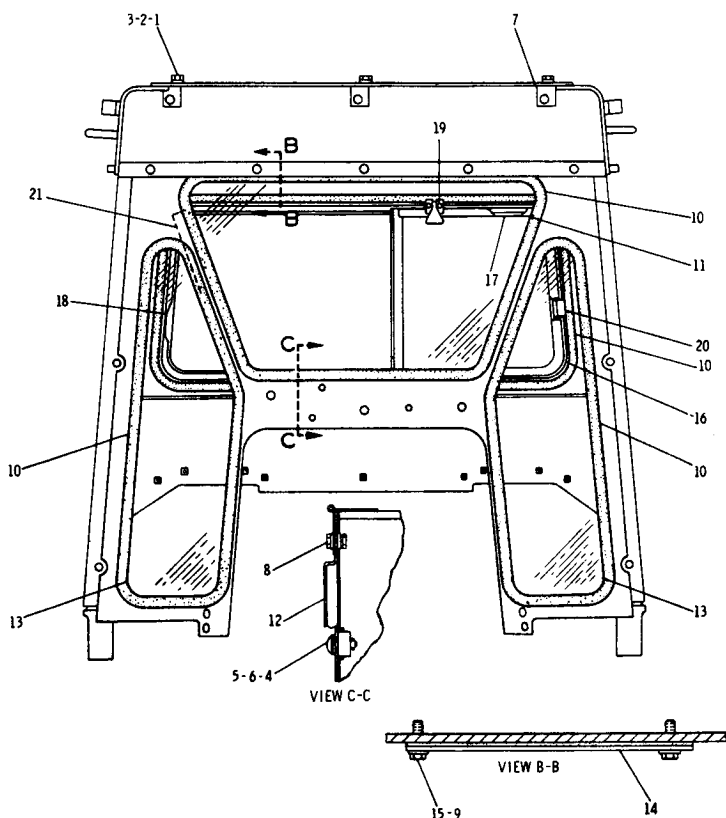
▲ ORDER BY THE METER

180246

9G6854 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 1 of 3—Type 1
Part of 9G6870 Roll-Over Protective System Arrangement listed on Page 215
AN ATTACHMENT



9G6854 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 2 of 3—Type 1
Part of 9G6870 Roll-Over Protective System Arrangement listed on Page 215
AN ATTACHMENT



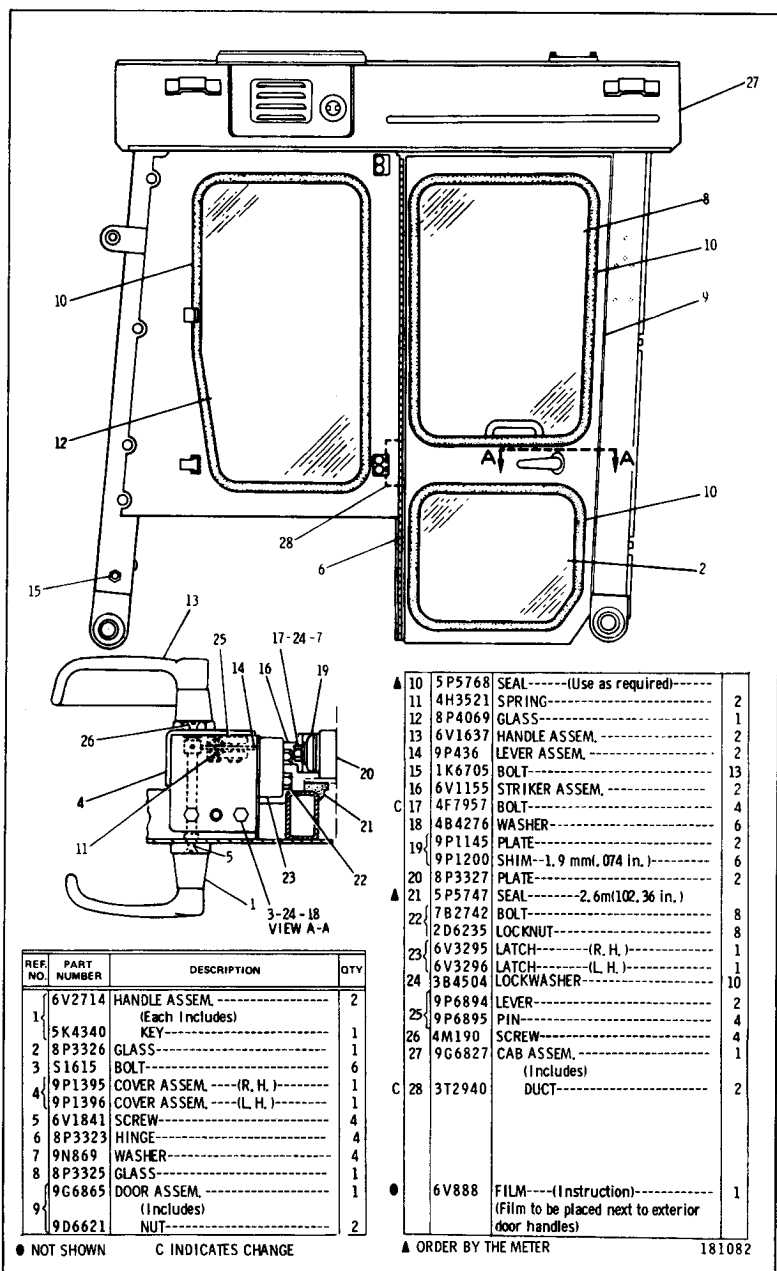
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1594	BOLT-----2,54 cm (1 in.) long	3
2	104717	NUT-----	3
3	384506	LOCKWASHER-----	3
4	5P7518	RETAINER-----	2
5	5P7519	NUT-----	2
6	5P9034	STUD-----	2
7	8P3142	BRACKET ASSEM.-----	3
	8L6521	BOLT-----	5
	4B2049	NUT-----	5
	384502	LOCKWASHER-----	5
	4B4274	WASHER-----	10
	5P4115	LOCKWASHER-----	14
▲ 10	5P5768	SEAL----- (use as required)	1
11	8P3762	GLASS-----	1
12	9G6855	DOOR-----	1
13	8P3763	GLASS-----	1

14	8P3880	PLATE-----	1
	8P3881	GASKET-----	1
15	687624	SCREW-----	14
	9P9385	WINDOW ASSEM.-----	1
		(Includes)	
16	9P9387	GLASS-----	1
▲ 17	5P8918	SEAL-----1,3 m(51,19 in.)	1
▲ 18	5P5680	SEAL-----2,54 m(100 in.)	1
19	2H6622	SCREW-----	2
20	9P7860	LOCK ASSEM.-----	1
	9P7859	SCREW-----	2
21	9G8808	COVER-----	1
	5P7924	SCREW-----	3
	6V3247	PLATE----- (Identification)	1
	6V3245	PLATE----- (ROPS Warning)	1
	347044	RIVET-----	6

● NOT SHOWN ▲ ORDER BY THE METER-USE AS REQUIRED

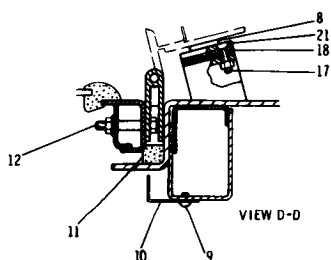
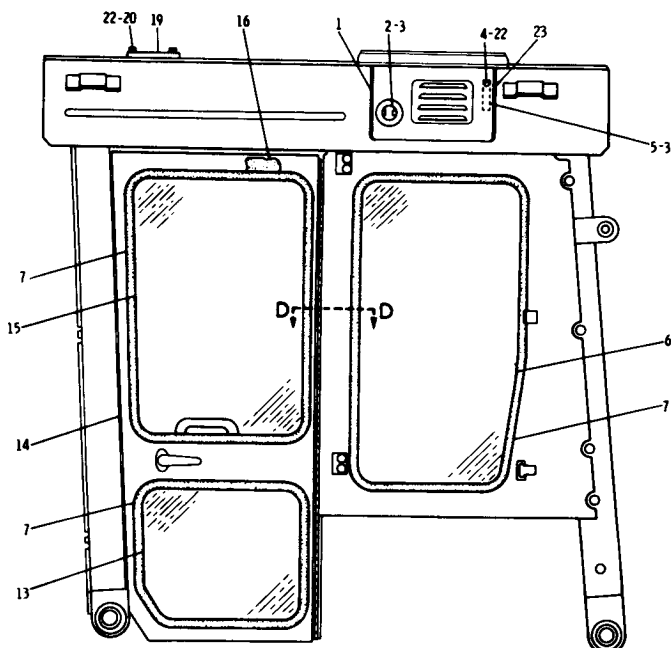
228569

9G6854 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 3 of 3—Type 1
Part of 9G6870 Roll-Over Protective System Arrangement listed on Page 215
AN ATTACHMENT



9G6854 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 1 of 3—Type 2
Part of 9G6870 ROPS Arrangement listed on Page 215
AN ATTACHMENT

CATERPILLAR D6D LGP TRACTOR



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	3T2762	DOOR ASSEM. ----(L. H.)----	1
C 1	3T2761	DOOR ASSEM. ----(R. H.)----	1
C 1	618803	SHIM----(Use as required)----	8
2	4D6082	BOLT-----	2
2	4B4280	WASHER-----	2
3	3B4610	COTTER PIN-----	6
C 4	L1351	BOLT-----	4
C 4	5P1075	WASHER-----	4

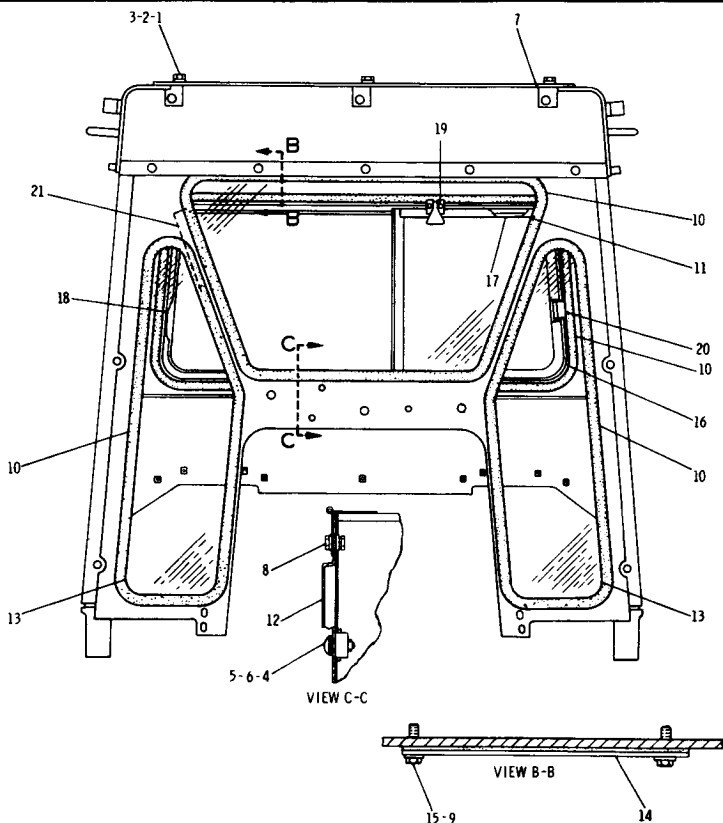
C 5	3T2675	ARM ASSEM. ----(L. H.)----	1
C 5	3T2676	ARM ASSEM. ----(R. H.)----	1
6	8P4069	GLASS-----	1
7	5P5768	SEAL-----(Use as required)----	1
8	9M5884	BUMPER-----	8
9	167150	SCREW-----	3
10	9G6856	ANGLE-----	1
11	5P5640	SEAL-----2.9 m(114, 11 in.)	1
11	1B2713	BOLT-----	18
12	7H8909	LOCKNUT-----	16
12	4B4276	WASHER-----	18
13	8M2337	WASHER-----	16
13	8P3326	GLASS-----	1
14	9G6857	DOOR ASSEM. ----(Includes)-----	1
14	9D6621	NUT-----	2
15	8P3325	GLASS-----	1
16	5P5747	SEAL-----1.25 m(49, 22 in.)	1
17	7D6921	SCREW-----	8
17	8F8052	LOCKWASHER-----	8
18	9P7845	SHIM--1.6mm(.063 in. thick)----	8
19	9P7846	SHIM--.8 mm(.031 in. thick)----	8
19	9P1811	COVER-----	1
20	S509	BOLT-----	2
21	9P7844	PLATE-----	4
C 22	3B4506	LOCKWASHER-----	2
C 23	6V2768	SEAL-----1.57m (61.81 in.)	1

C INDICATES CHANGE

▲ ORDER BY THE METER

181083

9G6854 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 2 of 3—Type 2
Part of 9G6870 ROPS Arrangement listed on Page 215
AN ATTACHMENT



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	S1594	BOLT-----2.54 cm (1 in.) long	3
2	1D4717	NUT-----	3
3	3B4506	LOCKWASHER-----	3
4	5P7518	RETAINER-----	2
5	5P7519	NUT-----	2
6	5P9034	STUD-----	2
7	8P3142	BRACKET ASSEM.-----	3
8	8L6521	BOLT-----	5
	4B2049	NUT-----	5
	3B4502	LOCKWASHER-----	5
	4B4274	WASHER-----	10
9	5P4115	LOCKWASHER-----	14
▲ 10	5P5768	SEAL----- (use as required)	
11	8P3762	GLASS-----	1
12	9G6855	DOOR-----	1
13	8P3763	GLASS-----	1

14	8P3880	PLATE-----	1
	8P3881	GASKET-----	1
C 15	5P7921	SCREW-----	14
	9P9385	WINDOW ASSEM.-----	1
16		(Includes)	
	9P9387	GLASS-----	1
▲ 17	5P8918	SEAL-----1.3 m(51, 19 in.)	
▲ 18	5P5680	SEAL-----2.54 m(100 in.)	
19	2H6622	SCREW-----	2
20	9P7860	LOCK ASSEM.-----	1
	9P7859	SCREW-----	2
21	9G8808	COVER-----	1
	5P7924	SCREW-----	3
	6V3247	PLATE----- (Identification)	1
	5P7132	PLATE----- (ROPS Warning)	1
●	347044	RIVET-----	6

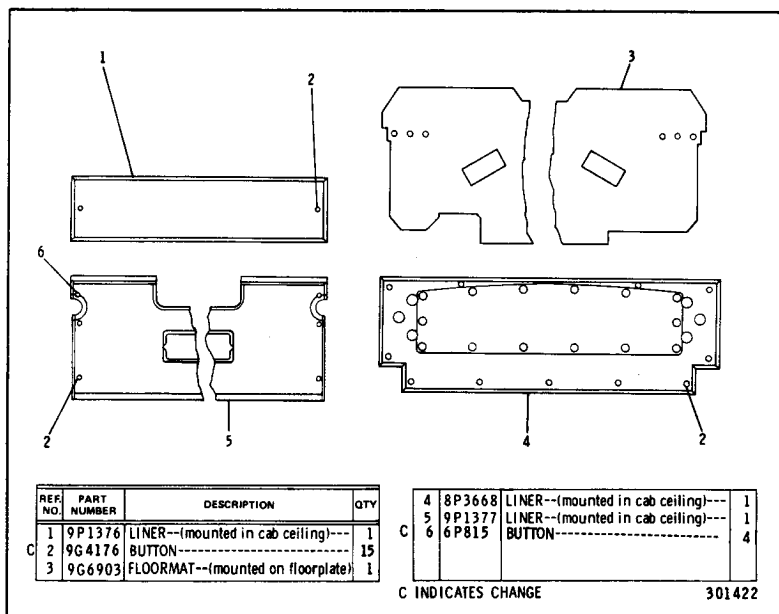
C INDICATES CHANGE

● NOT SHOWN

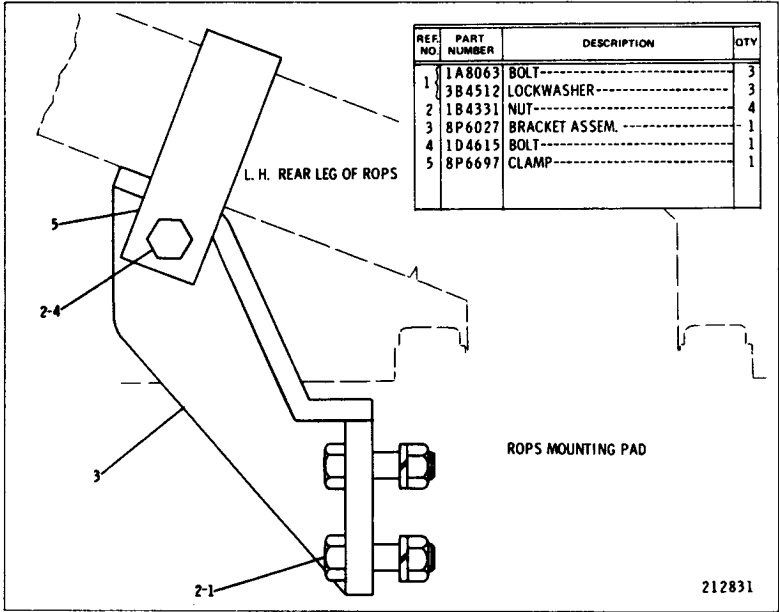
▲ ORDER BY THE METER-USE AS REQUIRED

181084

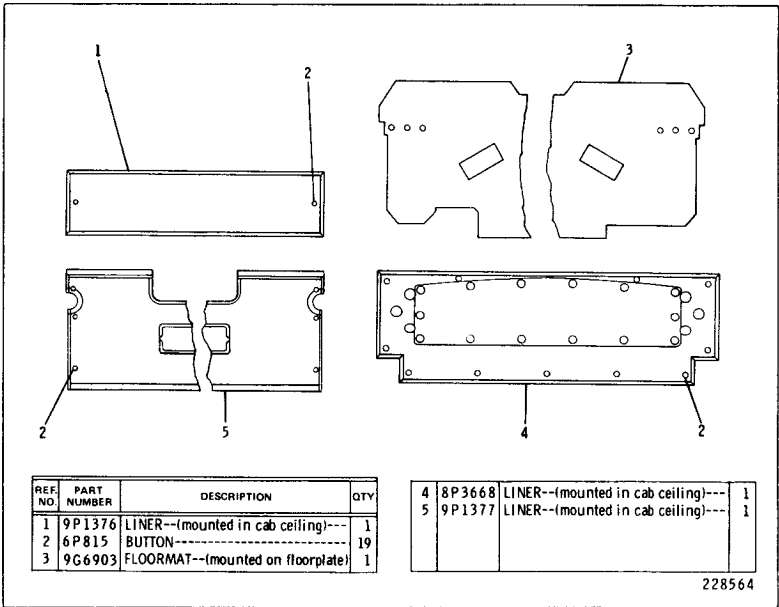
9G6854 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 3 of 3—Type 2
 Part of 9G6870 ROPS Arrangement listed on Page 215
 AN ATTACHMENT



9G6902 CAB LINER GROUP—Sound Suppression—Type 2
 Part of 9G7396 Roll-Over Protective System Arrangement listed on Page 214
 AN ATTACHMENT



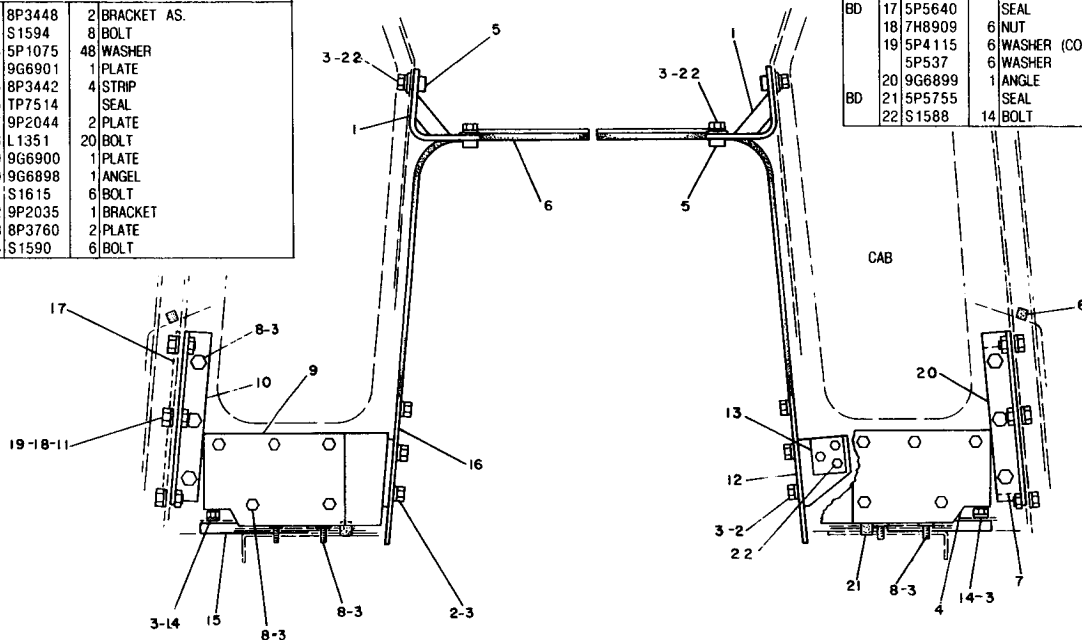
8P2129 SAFETY BRACE GROUP
 Part of 9G7396 Roll-Over Protective System Arrangement listed on Page 214
 AN ATTACHMENT



9G6902 CAB LINER GROUP--Sound Suppression
 Part of 9G7396 Roll-Over Protective System Arrangement listed on Page 214
 AN ATTACHMENT

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
BD	1	8P3448	2	BRACKET AS.
	2	S1594	8	BOLT
	3	5P1075	48	WASHER
	4	9G6901	1	PLATE
	5	8P3442	4	STRIP
	6	TP7514		SEAL
	7	9P2044	2	PLATE
	8	L1351	20	BOLT
	9	9G6900	1	PLATE
	10	9G6898	1	ANGLE
	11	S1615	6	BOLT
	12	9P2035	1	BRACKET
	13	8P3760	2	PLATE
	14	S1590	6	BOLT

BD	15	9P2029	2	BLOCK
	16	8P3761	1	BRACKET
	17	5P5640		SEAL
	18	7H8909	6	NUT
BD	19	5P4115	6	WASHER (CONICAL)
		5P537	6	WASHER
	20	9G6899	1	ANGLE
	21	5P5755		SEAL
	22	S1588	14	BOLT



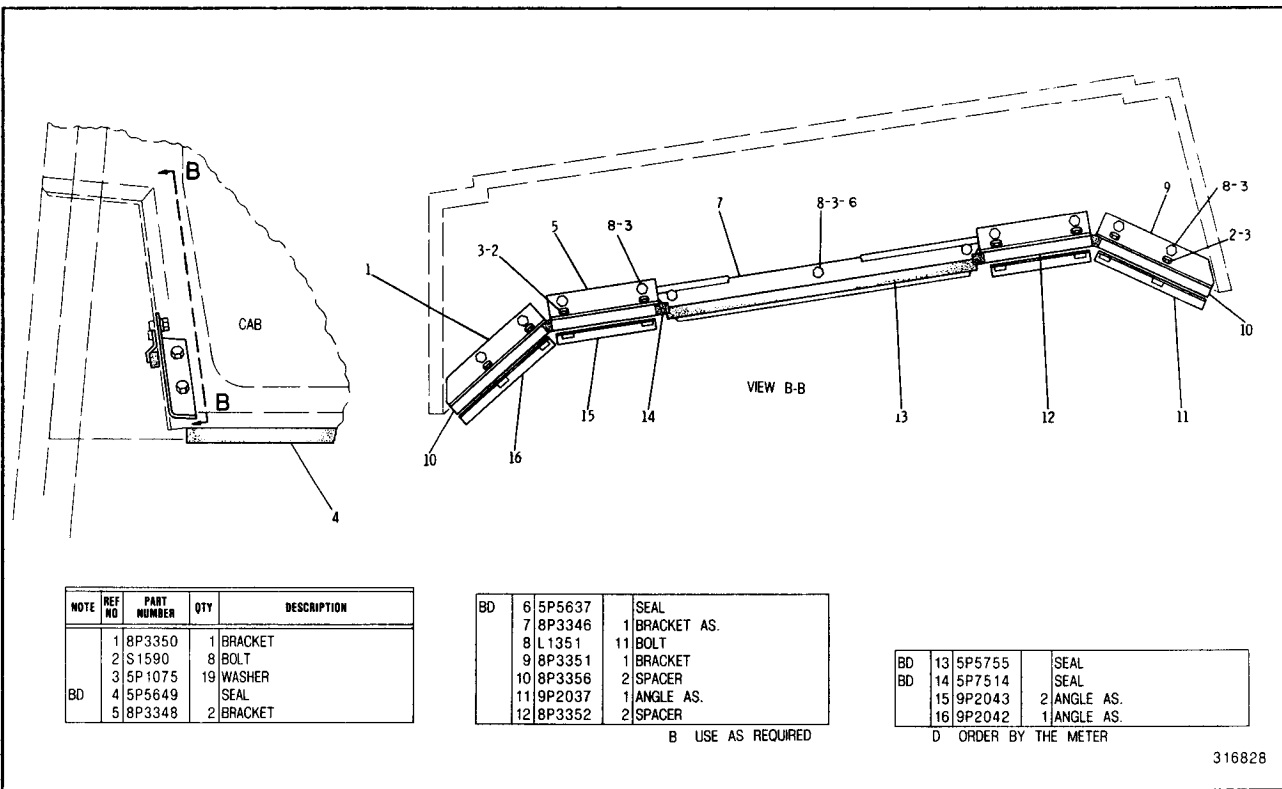
B USE AS REQUIRED

D ORDER BY THE METER

316827

9G6897 CAB MOUNTING GROUP-PART 1 OF 2
An Attachment

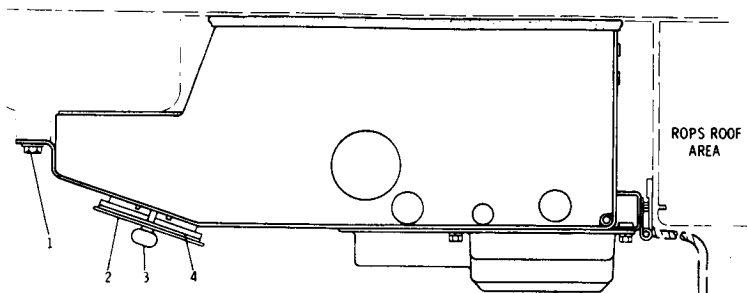
9G6897 CAB MOUNTING GROUP-PART 2 OF 2
An Attachment



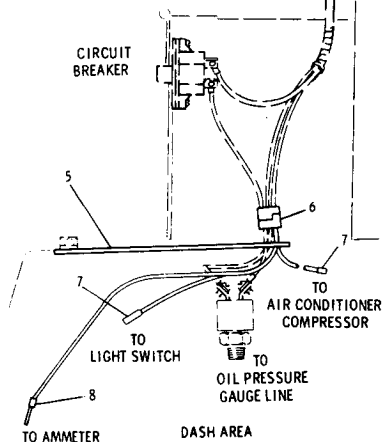
CAB, GAUGES AND ACCESSORIES

316828

223



REF NO	PART NUMBER	DESCRIPTION	QTY
1	S1594	BOLT-----	5
1	5P1075	WASHER-----	5
C 2	9P2370	COVER ASSEM. (Includes)	1
3	6P6926	SCREW-----	2
3	2R2376	WASHER-----	2
4	6P1319	FILTER ASSEM.-----	1
5	8P5804	PLATE-----	1
5	9G3716	HARNESS ASSEM.----- (Includes)	1
6	5P5622	WIRE---(10 gauge)-----	2
7	5P5624	WIRE---(14 gauge)-----	2
8	6N9587	CONNECTOR-----	1
8	2L8049	TERMINAL-----	1



C INDICATES CHANGE

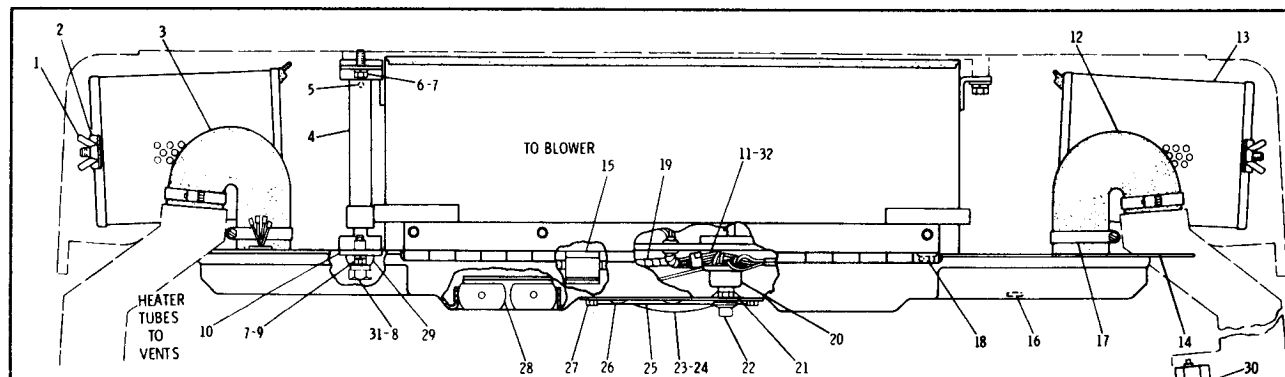
▲ ORDER BY THE METER

310855

9G8298 CAB PRESSURIZER GROUP-PART 2 OF 3-TYPE 1

8P6368-Page 228

An Attachment



CAB, GAUGES AND ACCESSORIES

225

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C	1	2B9498 NUT-----	4
	2	8P9587 STRAP-----	2
●	3	5P3915 HOSE-----65 cm(25.6 in.)	1
	4	6P4147 TUBE ASSEM.-----	1
	5	4H1641 PIN-----	1
	6	T102 BOLT-----	2
	7	3B4506 LOCKWASHER-----	4
	8	6P5812 SCREW ASSEM.-----	1
	9	51594 BOLT-----	2
	10	6P4152 BRACKET-----	1
		9P2046 HARNESS ASSEM.-----	1
		(Includes)	
▲	11	5P5624 WIRE-----14 gauge-----	1
▲		5P5623 WIRE-----16 gauge-----	1
		2L8065 TERMINAL-----	1
		2L8075 TERMINAL-----	1
●	12	5P3915 HOSE-----65 cm(25.6 in.)	1
	13	2V36 FILTER-----	2

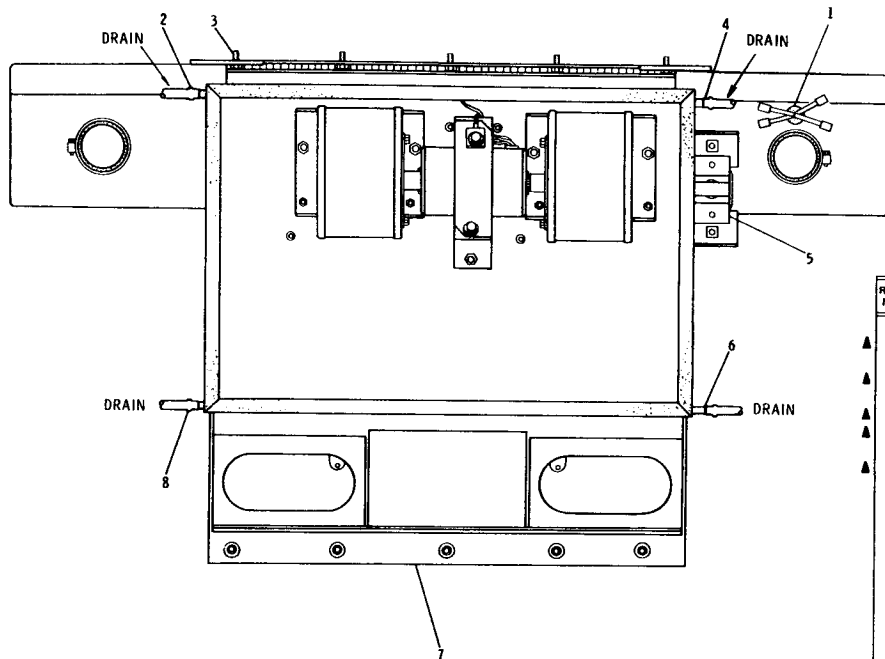
14	7G1367 DUCT ASSEM.-----	1
15	319195 CLIP-----	1
16	2D3406 BUTTON-----2.54mm(1 in.) dia. hole	1
17	2J6540 CLAMP-----	4
	S1614 BOLT-----	10
18	5P4115 WASHER-----	10
19	8P6368 HARNESS ASSEM.-----	1
	(Separate Illustration)	
20	6P3236 SWITCH ASSEM.-----	1
21	2P4339 NUT-----	1
22	1P6509 KNOB-----	1
	9M4192 LAMP ASSEM.-----	1
	(Includes)	
23	1S3291 DOOR ASSEM.-----	1
	7N9943 LAMP-----	1
	2F2860 SCREW-----	2
24	1H2204 SCREW ASSEM.-----	3
	4B2047 NUT-----	3

▲ ORDER BY THE METER C INDICATES CHANGE

25	8P3710 PLATE-----	1
26	302283 PLUG-----	2
27	310243 SCREW-----	4
28	6P5673 LOUVER-----	4
29	6P5564 ROD-----	1
	6P8689 LOUVER-----	2
30	5P6458 SEAL-----	4
31	4D3704 WASHER-----	2
32	3S2093 STRAP-----	2

● ORDER BY THE CENTIMETER

311191

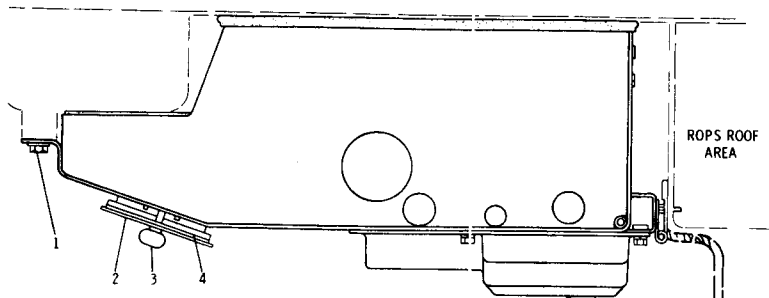


REF. NO.	PART NUMBER	DESCRIPTION	QTY
▲ 1	9D3768	GROMMET-----	1
▲ 2	5P6129	TUBE-----, .86 m(34.06 in.)	1
▲ 3	51615	BOLT-----	5
▲ 4	5P6129	TUBE-----, .86 m(34.06 in.)	1
▲ 5	6P4151	BRACKET-----	1
▲ 6	5P6129	TUBE-----, .23 m(9.06 in.)	1
▲ 7	9P5089	PRESSURIZER GROUP----- (Separate Illustration)	1
▲ 8	5P6129	TUBE-----, .23 m(9.06 in.)	1

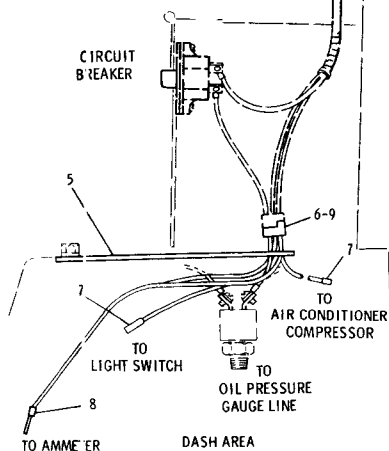
▲ ORDER BY THE METER

228563

9G8298 CAB PRESSURIZER GROUP-PART 3 OF 3-TYPE 1
9P5089-Page 227
An Attachment

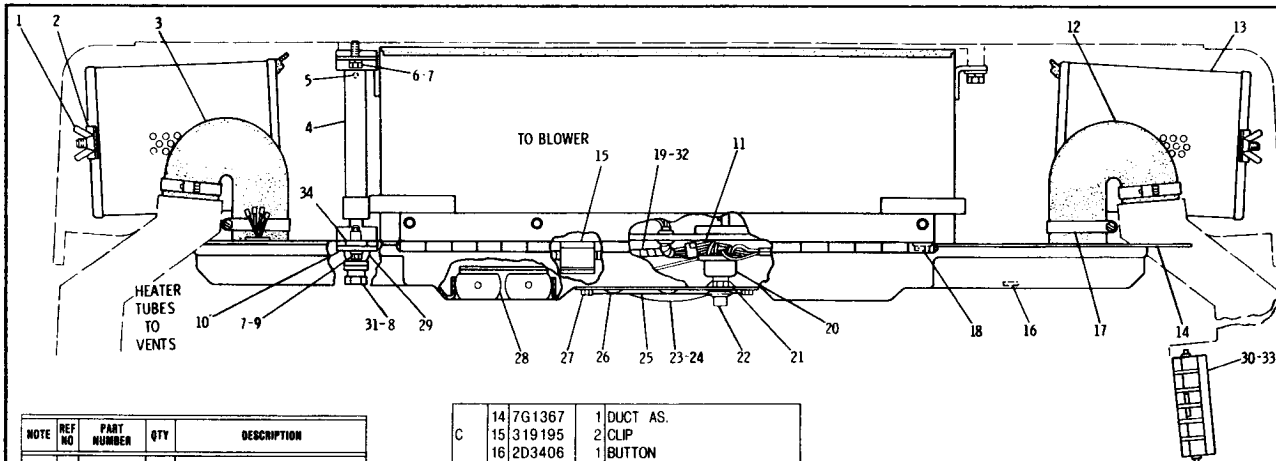


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1594	BOLT-----	5
2	5P1075	WASHER-----	5
C 2	9P2370	COVER ASSEM.----- (Includes)	1
3	6P6926	SCREW-----	2
4	2R2376	WASHER-----	2
4	6P1319	FILTER ASSEM.-----	1
5	8P5804	PLATE-----	1
5	9G3716	HARNESS ASSEM.----- (Includes)	1
▲ 6	5P5622	WIRE---(10 gauge)-----	
▲ 6	5P5624	WIRE---(14 gauge)-----	
7	6N9587	CONNECTOR-----	2
8	2L8049	TERMINAL-----	1
C 9	9D3768	GROMMET-----	1



C INDICATES CHANGE
 ▲ ORDER BY THE METER

310784



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	2B9498	4	NUT
	2	8P9587	2	STRAP
E	3	5P3915		HOSE 65CM(25.6IN.)
	4	6P4147	1	TUBE AS.
	5	4H1641	1	PN
C	6	L1351	2	BOLT
C	7	5M2894	4	WASHER
	8	6P5812	1	SCREW AS.
C	9	S1588	2	BOLT
	10	6P4152	1	BRACKET
	11	9P2046	1	HARNESS AS.
D		5P5624		WIRE (14 GAUGE)
D		5P5623		WIRE (16 GAUGE)
C		2L8075	4	TERMINAL
E	12	5P3915		HOSE 65CM(25.6IN.)
	13	2V36	2	FILTER

C INDICATES CHANGE

D ORDER BY THE METER

E ORDER BY THE CENTIMETER

	14	7G1367	1	DUCT AS.
	15	319195	2	CLIP
	16	2D3406	1	BUTTON
				2.54MM(1IN.)DIA. HOLE
	17	2J6540	4	CLAMP
	18	S1614	10	BOLT
		5P4115	10	WASHER
Y	19	8P6368	1	HARNESS AS.
	20	6P3236	1	SWITCH AS. (FAN SPEED)
C		6V8362	5	SCREW
C		9B7233	5	LOCKWASHER
	21	2P4339	1	NUT
	22	1P6509	1	KNOB
C	23	6T4864	1	LAMP AS. (DOME)
		1S3291	1	DOOR AS.
		7N9943	1	LAMP
		2F2860	2	SCREW
	24	1H2204	3	SCREW AS.
		4B2047	3	NUT

	25	8P3710	1	PLATE
	26	302283	2	PLUG
	27	310243	4	SCREW
	28	6P5673	4	LOUVER
	29	6P5564	1	ROD
C	30	7G2172	2	LOUVER AS.
				(EACH INCLUDES)
		6P8689	1	LOUVER
		6P8690	1	BEVEL
	31	5P8247	2	WASHER
C	32	315644	1	CLIP 31.8MM(1.25IN.)
	33	5P6458	4	SEAL
C	34	8M7145	2	WASHER

Y SEPARATE ILLUSTRATION

316860

9G8298 CAB PRESSURIZER GROUP-PART 2 OF 3-TYPE 2

8P6368-Page 228

An Attachment

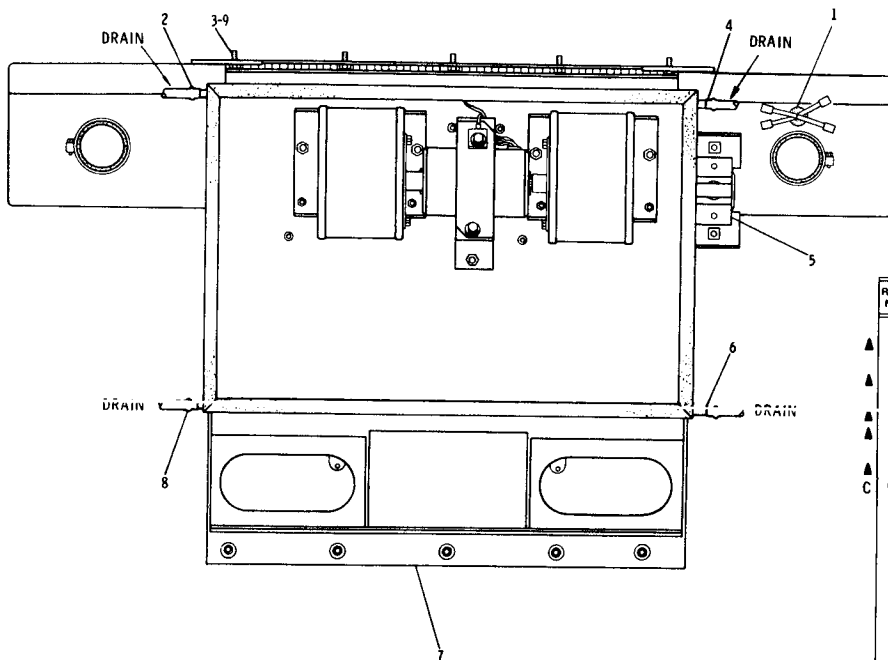
9G8298 CAB PRESSURIZER GROUP-PART 3 OF 3-TYPE 2

9P5089-Page 227

An Attachment

CAB, GAUGES AND ACCESSORIES

226C



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9D3768	GROMMET-----	1
▲ 2	5P6129	TUBE-----, 86 m(34.06 in.)	5
3	S1615	BOLT-----	1
▲ 4	5P6129	TUBE-----, 86 m(34.06 in.)	1
5	6P4151	BRACKET-----	1
▲ 6	5P6129	TUBE-----, 23 m(9.06 in.)	1
▲ 7	9P5089	PRESSURIZER GROUP----- (Separate Illustration)	1
▲ 8	5P6129	TUBE-----, 23 m(9.06 in.)	5
C 9	5P537	WASHER-----	5

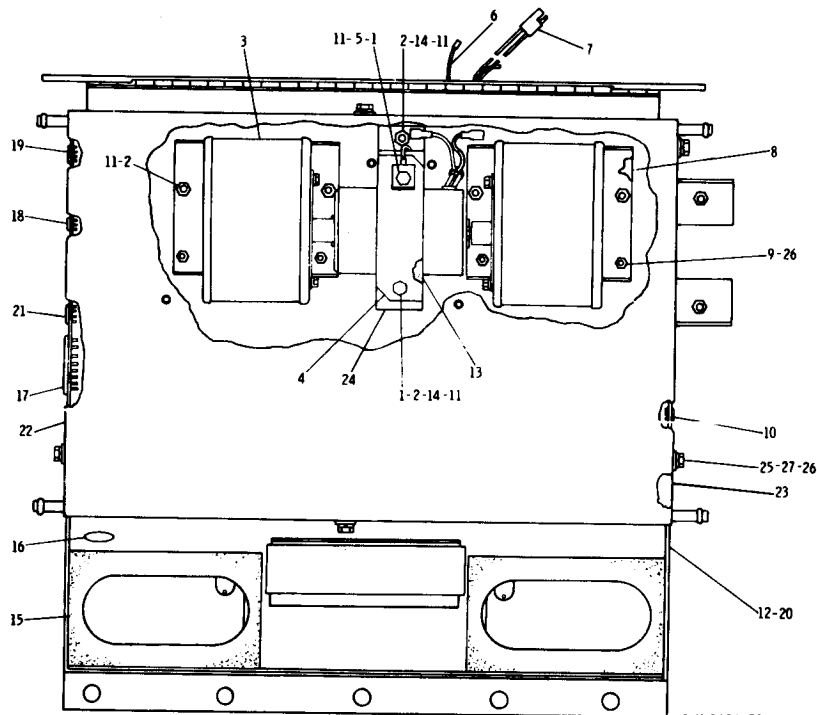
▲ ORDER BY THE METER

C INDICATES CHANGE

236070

9P5089 BASIC PRESSURIZER GROUP

Part of 9G8298 Cab Pressurizer, 8P2146 Air Conditioner and 8P4914 Heater Groups are shown on Pages 226, 248 & 255
9P3788 Blower parts are shown on Page 228



C INDICATES CHANGE

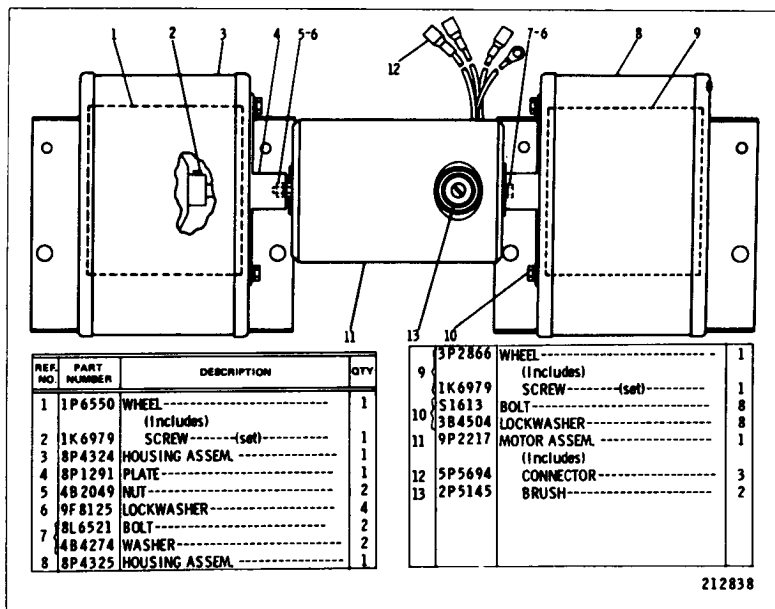
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	51594	BOLT-----	2
C 2	1D4717	NUT-----	6
3	9P3788	BLOWER ASSEM.----- (Separate Illustration)	1
4	6P1298	STRAP-----	1
5	2H4499	LOCK-----	1
	9P6897	WIRE ASSEM.----- (Includes)	1
▲ 6	5P5629	WIRE-----, 36 m (14 in.)	1
	4S1988	TERMINAL----- (dome light)	1
	2L8079	TERMINAL-----	1
	8P6385	HARNESSE ASSEM.----- (Includes)	1
▲ 7	5P5623	WIRE----- (16 gauge)	1
▲ 8	5P5624	WIRE----- (14 gauge)	1
	5P4571	TERMINAL-----	6
8	6P1296	SEAL-----	2
9	1B4330	NUT-----	4
10	3D9871	BUTTON-----	4
C 11	3B4506	LOCKWASHER-----	8
C 12	7G3057	CASE ASSEM.-----	1
▲ 13	5P5908	SEAL-----, 31 m (12.20 in.)	1
C 14	4B4278	WASHER-----	3
15	8P2303	SEAL-----	2
C 16	7D4786	PLUG-----	1
17	6P1294	PLUG-----	1
18	5K3546	BUTTON-----	1
19	4S6336	BUTTON-----	1
20	7L6479	PLUG----- (fits 7.87mm (.31 in.) hole)	5
C 21	1V9019	PLUG-----	2
C 22	7G3000	COVER ASSEM.----- (Includes)	1
23	7G2999	SEAL-----	1
C 24	7G2377	BRACKET ASSEM.-----	1
C 25	51614	BOLT-----	6
C 26	3B4504	LOCKWASHER-----	10
C 27	4B4276	WASHER-----	6

▲ ORDER BY THE METRE

169044

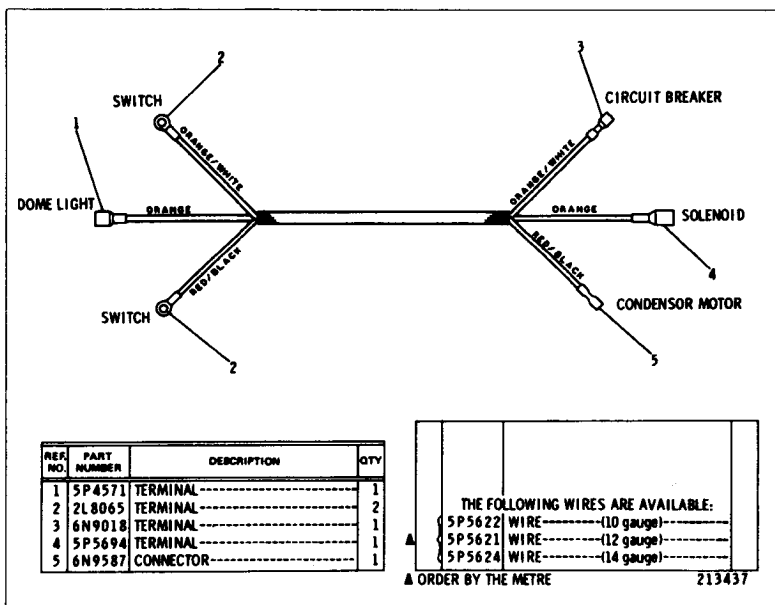
CAB, GAUGES AND ACCESSORIES

227



9P3788 BLOWER ASSEMBLY

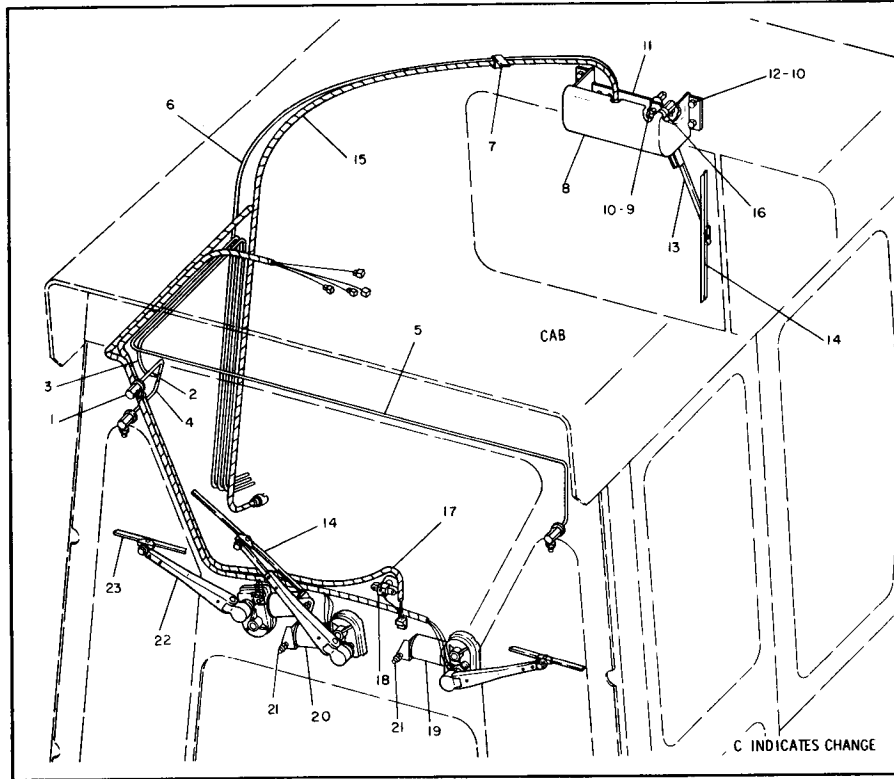
Part of 9P5089 Basic Pressurizer Group shown on Page 227
AN ATTACHMENT



8P6368 HARNESS ASSEMBLY

Part of 9G8298 Cab Pressurizer Group shown on Pages 225 & 226B
AN ATTACHMENT

7G6541 WASHER AND WIPER GROUP—Type 1
 Part of 9G6870 Roll-Over Protective System Arrangement listed on Page 215
 1V3079 Wiper, 7G8734 and 9G8107 Harness parts are shown on Pages 230, 232 and 232A
 AN ATTACHMENT



C INDICATES CHANGE

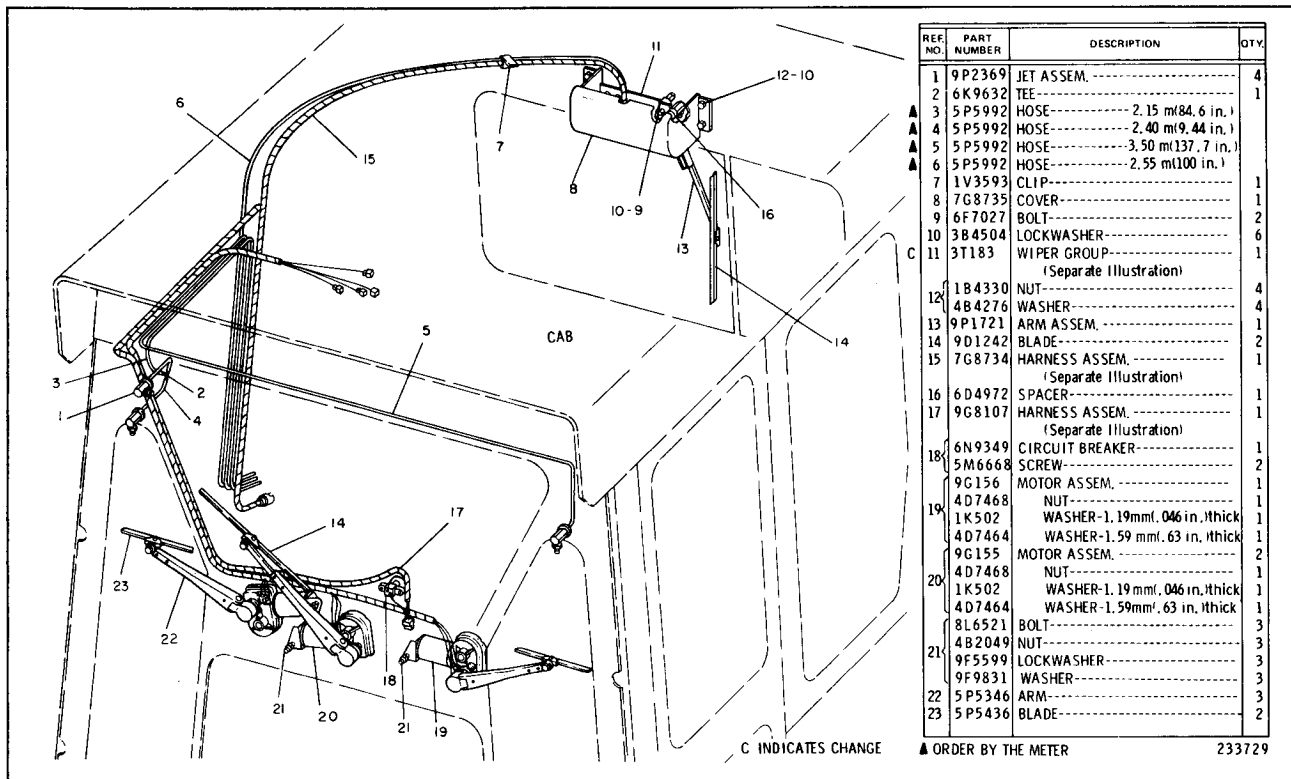
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9P2369	JET ASSEM.	4
2	6K9632	TEE.....	1
3	5P5992	HOSE..... 2.15 m(84.6 in.)	1
4	5P5992	HOSE..... 2.40 m(9.44 in.)	1
5	5P5992	HOSE..... 3.50 m(137.7 in.)	1
6	5P5992	HOSE..... 2.55 m(100 in.)	1
7	1V3593	CLIP.....	1
8	7G8735	COVER.....	1
9	6F7027	BOLT.....	2
10	3B4504	LOCKWASHER.....	6
11	1V3079	WIPER GROUP..... (Separate Illustration)	1
12	1B4330	NUT.....	4
	4B4276	WASHER.....	4
13	9P1721	ARM ASSEM.	1
14	9D1242	BLADE.....	2
15	7G8734	HARNES ASSEM. (Separate Illustration)	1
16	6D4972	SPACER.....	1
17	9G8107	HARNES ASSEM. (Separate Illustration)	1
18	6N9349	CIRCUIT BREAKER.....	1
	5M6668	SCREW.....	2
	9G156	MOTOR ASSEM.	1
	4D7468	NUT.....	1
19	1K502	WASHER-1.19mm(.046 in.)thick	1
	4D7464	WASHER-1.59 mm(.63 in.)thick	1
	9G155	MOTOR ASSEM.	2
	4D7468	NUT.....	1
20	1K502	WASHER-1.19mm(.046 in.)thick	1
	4D7464	WASHER-1.59mm(.63 in.)thick	1
	8L6521	BOLT.....	3
	4B2049	NUT.....	3
21	9F5599	LOCKWASHER.....	3
	9F9831	WASHER.....	3
22	5P5346	ARM.....	3
23	5P5436	BLADE.....	2

▲ ORDER BY THE METER

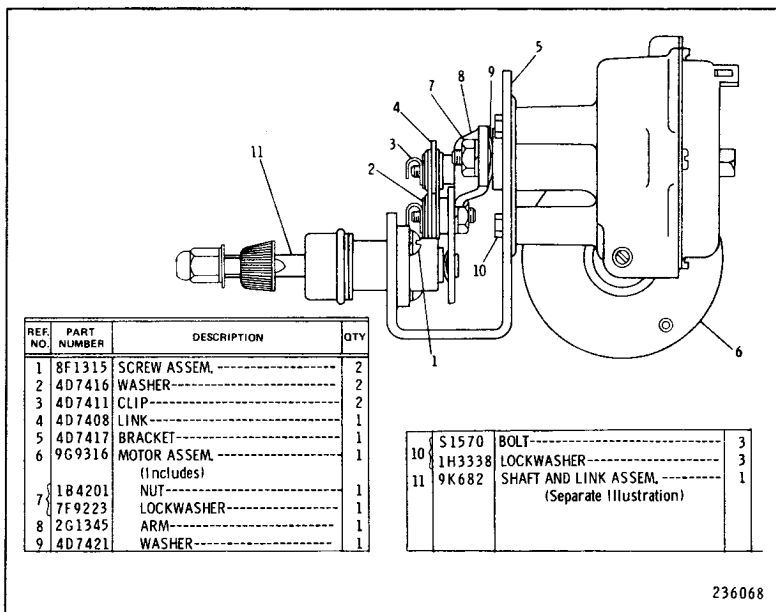
228571

CAB, GAUGES AND ACCESSORIES

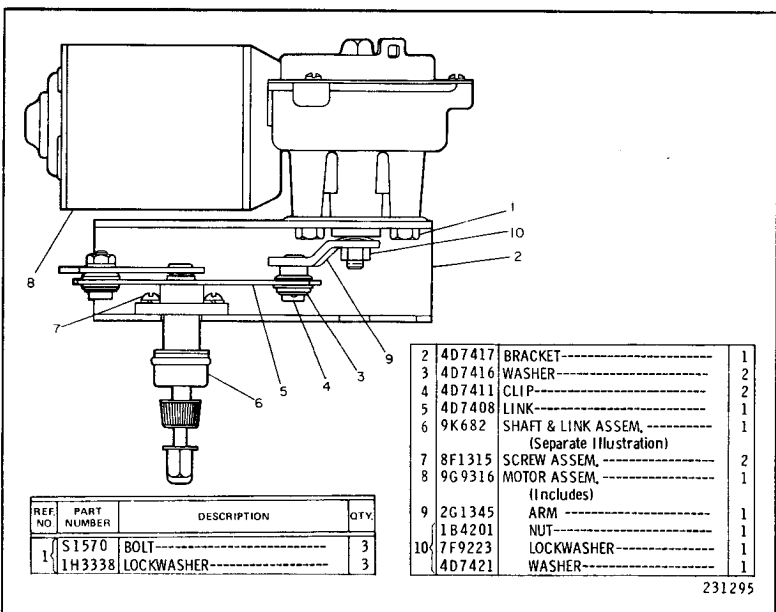
229



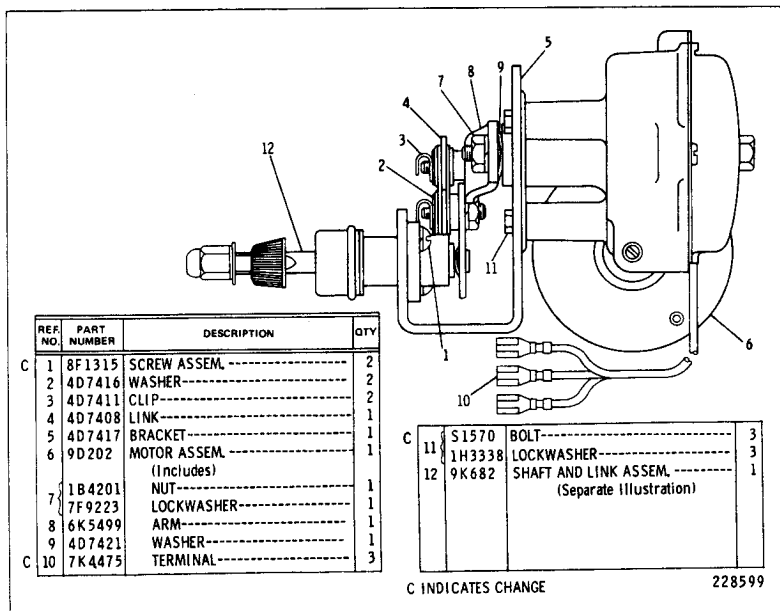
7G6541 WASHER AND WIPER GROUP—Type 2
 Part of 9G6870 Roll-Over Protective System Arrangement listed on Page 215
 3T183 Wiper, 9G8107 and 7G8734 Harness parts are shown on Pages 229B, 232 and 232A
 AN ATTACHMENT



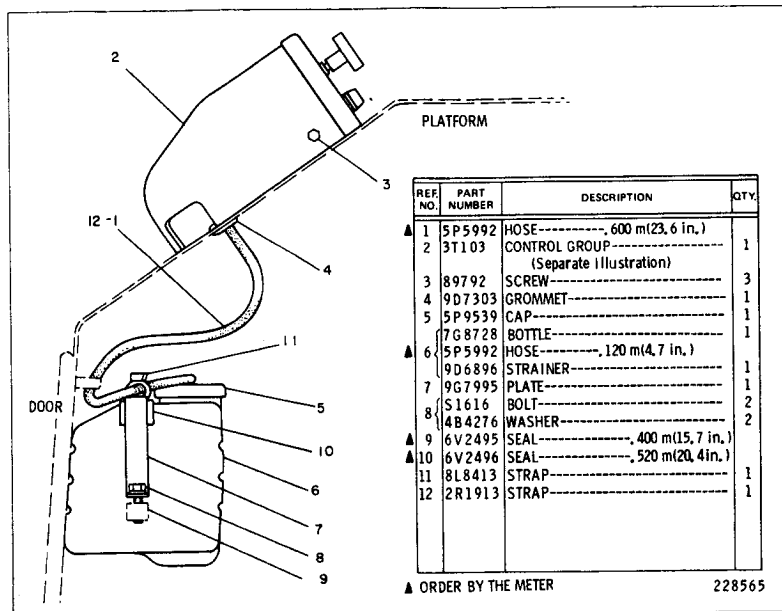
3T183 WIPER GROUP—For Field Replacement order 3T175
Part of 7G6541 Washer and Wiper Group shown on Page 229A
9K682 Shaft and Link parts are shown on Page 233



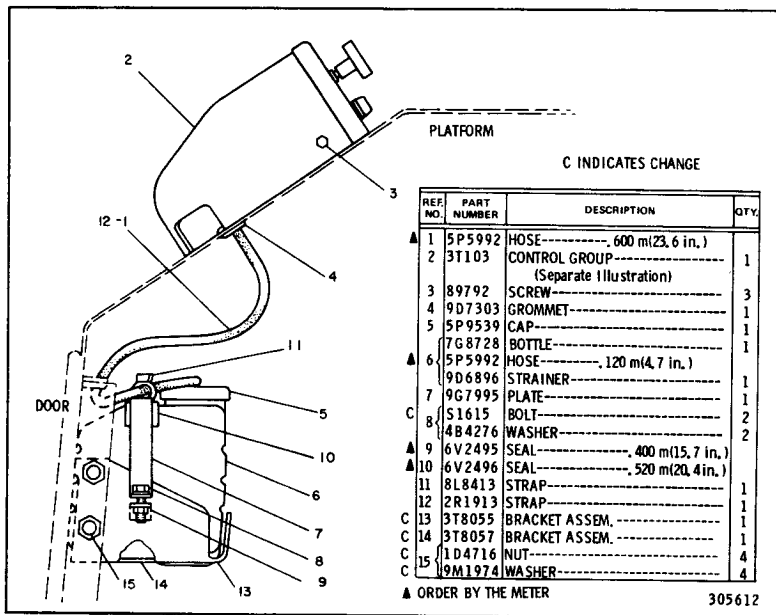
3T175 WIPER GROUP—Field Installation
9K682 Shaft and Link parts are shown on Page 233



1V3079 BASIC WIPER GROUP — 24 Volt
 Part of 7G6541 Washer and Wiper Group shown on Page 229
 9K682 Shaft and Link parts are shown on Page 233
 AN ATTACHMENT

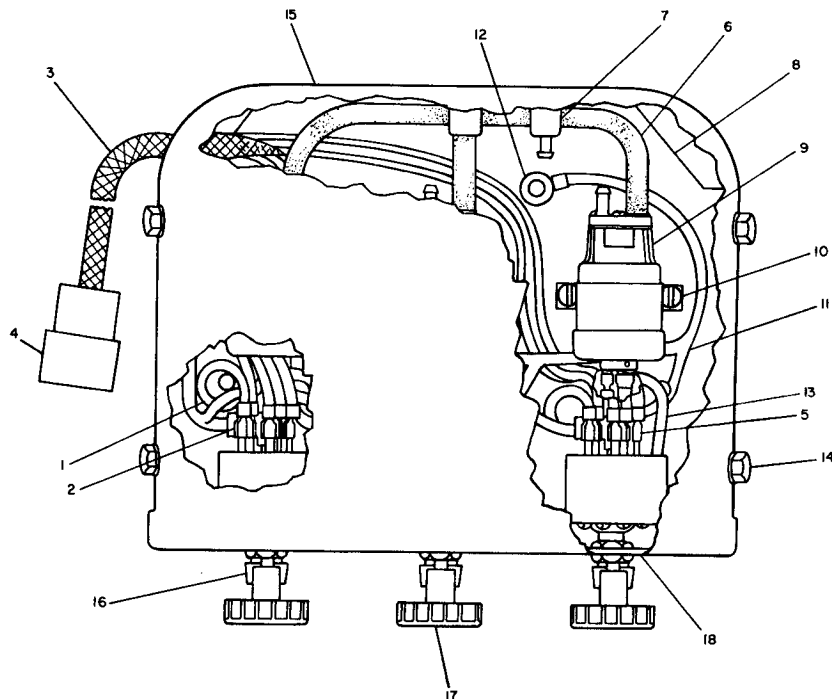


9G7478 WASHER AND WIPER CONTROL GROUP
 Part of 9G7396 Roll-Over Protective Arrangement listed on Page 214
 3T103 Control parts are shown on Page 231
 AN ATTACHMENT



9G7478 WASHER AND WIPER CONTROL GROUP—Type 2
 Part of 9G7396 Roll-Over Protective Arrangement listed on Page 214
 3T103 Control parts are shown on Page 231. AN ATTACHMENT

3T103 WASHER AND WIPER GROUP
Part of 9G7478 Washer and Wiper Control Group shown on Page 230
AN ATTACHMENT

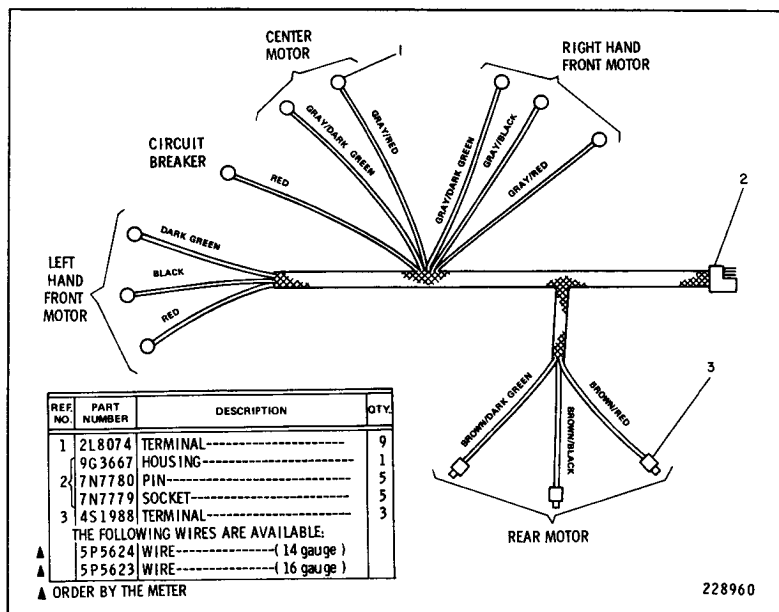


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7G8732	WIRE ASSEM.-----	3
	(Each Includes)		
1	5P5623	WIRE-----, 180 m(7.08 in.)	
2	5P4571	TERMINAL-----	2
	7G8733	HARNES ASSEM.-----	1
	(Includes)		
3	5P5623	WIRE----- (16 gauge)	
3	5P5624	WIRE----- (14 gauge)	
	9G3673	HOUSING-----	1
4	7N7779	SOCKET-----	5
	7N7780	PIN-----	5
5	5P4571	TERMINAL-----	9
6	5P5992	HOSE-----, 230 m(9.05 in.)	
7	6K9632	TEE-----	2
	7G6307	PLATE ASSEM.-----	1
	(Includes)		
8	9F6445	NUT-----	4
9	9G8963	PUMP ASSEM.-----	3
10	4B1226	SCREW-----	6
10	8F1434	LOCKWASHER-----	6
	7G8731	WIRE ASSEM.-----	1
	(Includes)		
11	5P5623	WIRE-----, 590 m(23 in.)	
	5P4571	TERMINAL-----	3
12	2L8079	TERMINAL-----	1
	7G8729	WIRE ASSEM.-----	3
	(Each Includes)		
13	5P5623	WIRE-----, 180 m(7.08 in.)	
	5P4571	TERMINAL-----	1
14	9S2011	SCREW-----	4
15	7G6542	COVER-----	1
16	4K5122	HOLDER-----	3
	9K1896	FUSE----- (4 amp)	3
	1V7362	SWITCH----- (washer-wiper)	3
17	(Each Includes)		
	7N4033	KNOB-----	1
18	7G6308	PANEL-----	1

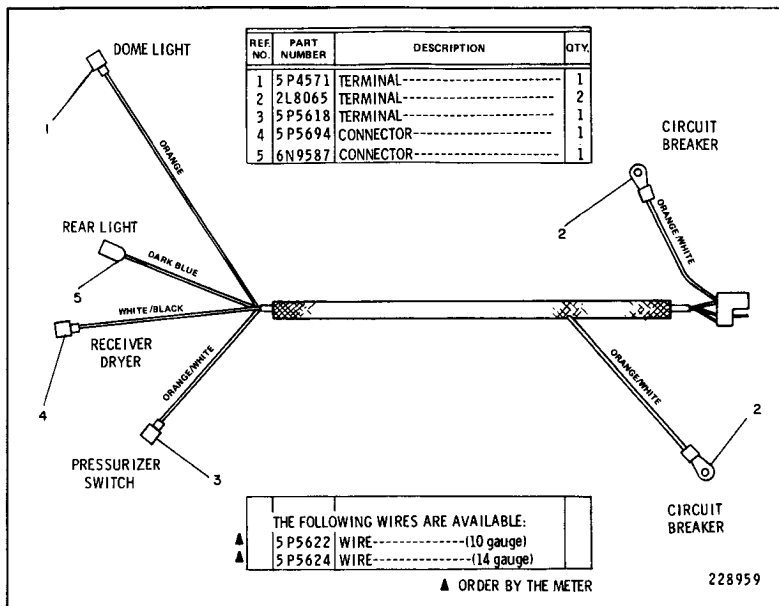
▲ ORDER BY THE METER

228566

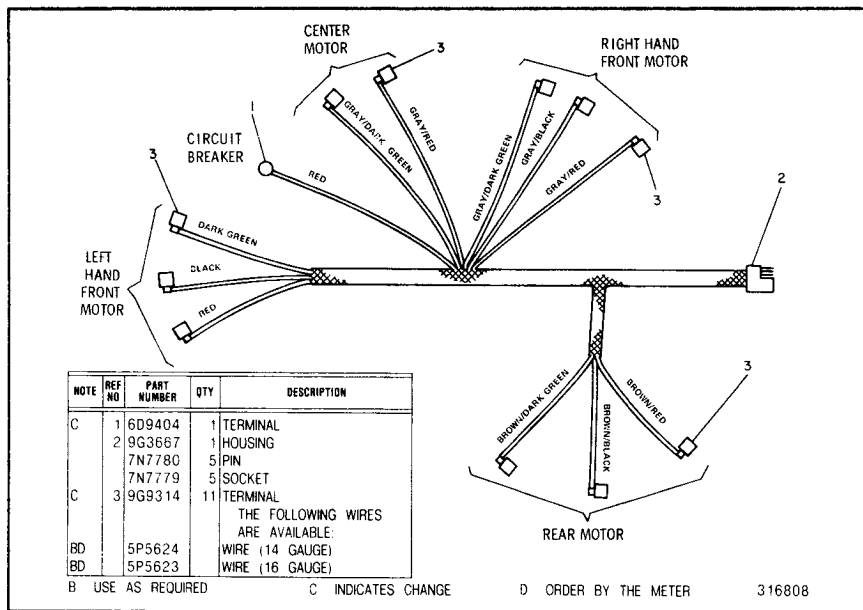
CATERPILLAR D6D LGP TRACTOR



7G8734 HARNESS ASSEMBLY—Type 1
 Part of 7G6541 Washer and Wiper Group shown on Pages 229 and 229A
 AN ATTACHMENT

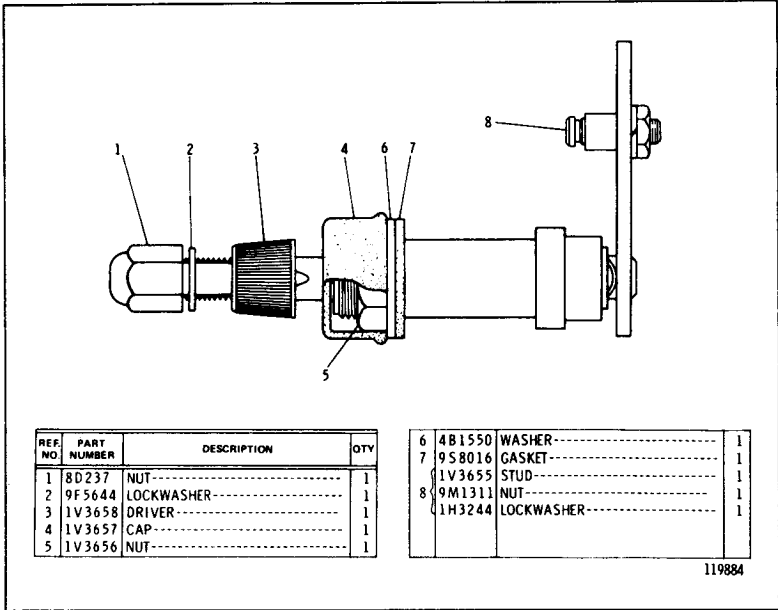


9G8107 HARNESS ASSEMBLY
 Part of 7G6541 Washer and Wiper Group shown on Pages 229 and 229A
 AN ATTACHMENT

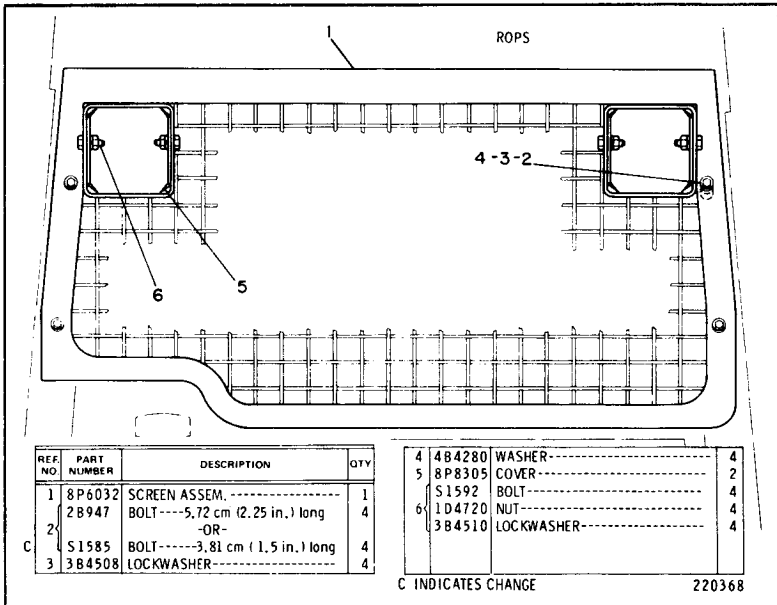
**7G8734 HARNESS ASSEMBLY-TYPE 2**

Part Of 7G6541 Washer & Wiper

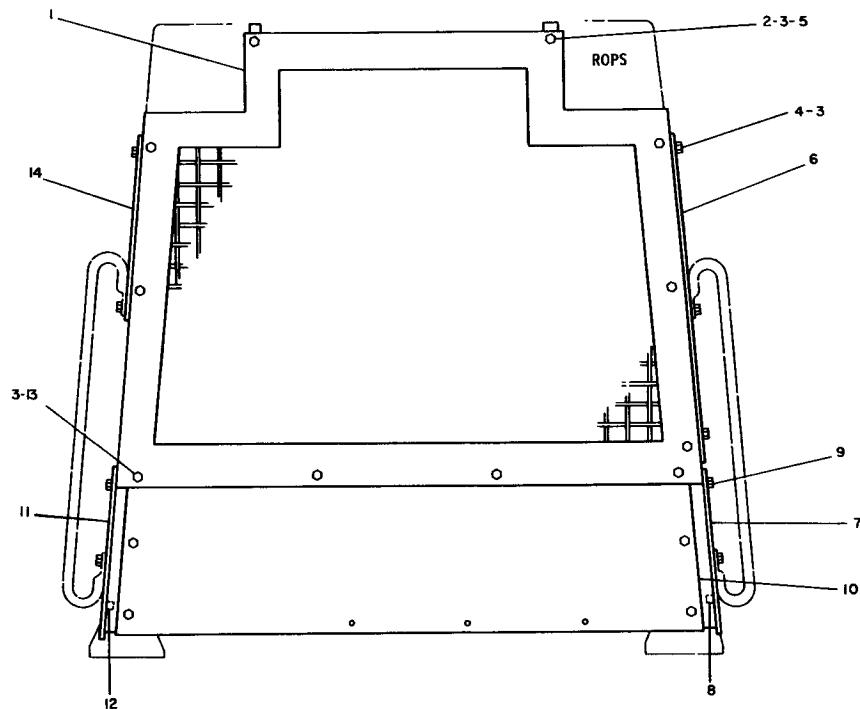
An Attachment

**9K862 SHAFT AND LINK ASSEMBLY**

Part of 3T183, 3T175 and 1V3079 Basic Wiper Group shown on Pages 229B & 230
AN ATTACHMENT



**8P2132 PROTECTIVE SCREEN GROUP
FOR USE WITH OPEN ROPS
AN ATTACHMENT**

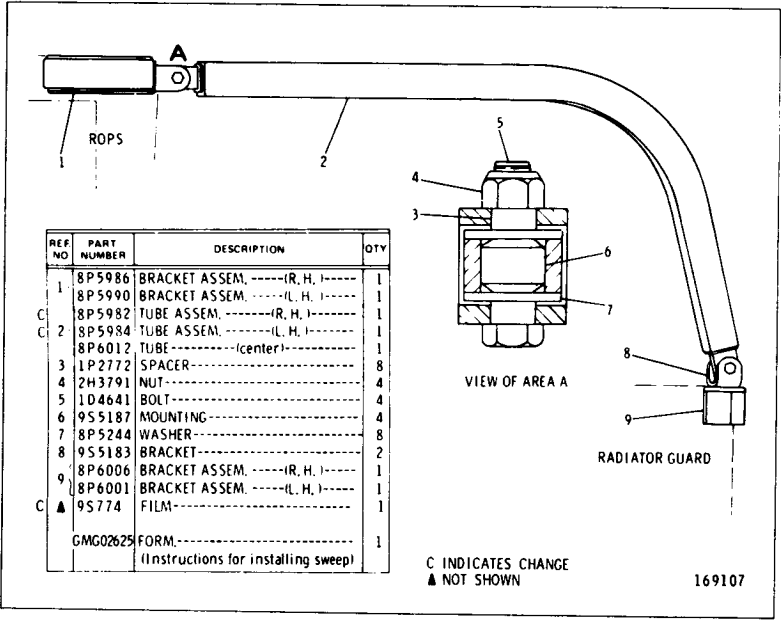


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9P3532	SCREEN ASSEM. -----	1
2	1D4566	BOLT-----	2
3	3B4508	LOCKWASHER-----	20
3	4B4280	WASHER-----	20
4	6H1717	BOLT-----	5
5	6J427	SPACER-----	2
6	9P3542	SCREEN ASSEM.-----	1
6	9P4189	BRACKET ASSEM.-----	1
7		(Includes)	
C	1F748	NUT-----	3
C	2K7051	BAR-----	1
9	S1585	BOLT-----	4
10	9P4182	PLATE ASSEM.-----	1
		(Includes)	
C	6S5038	BOSS-----	2
11	9P4190	BRACKET ASSEM.-----	1
		(Includes)	
C	1F748	NUT-----	3
C	2K7051	BAR-----	1
13	S1587	BOLT-----	13
14	9P3543	SCREEN ASSEM.-----	1

C INDICATES CHANGE

228807

8P9496 PROTECTIVE SCREEN GROUP
FOR USE WITH HEATER, AIR CONDITIONER, CAB OR ENCLOSED ROPS
AN ATTACHMENT

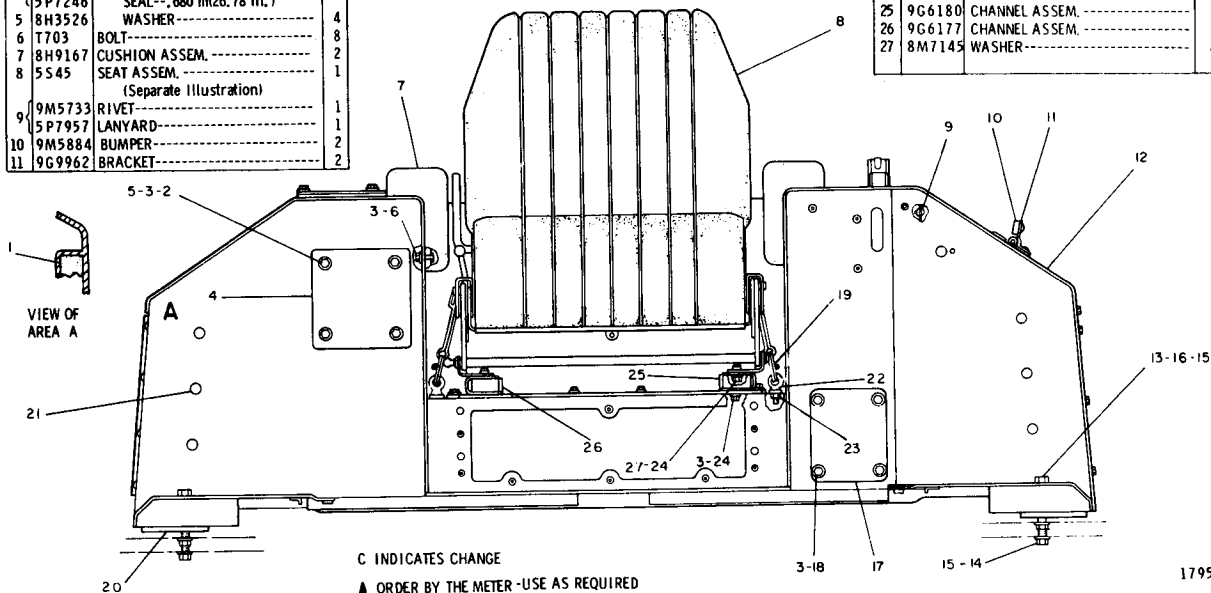


8P2134 SWEEP GROUP
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P5968	SEAL---, .595 m(23.42 in.)	
2	L1351	BOLT-----	4
3	5M2894	WASHER-----	18
4	8P4877	COVER ASSEM.-----	1
		(Includes)	
5	5P7246	SEAL---, .680 m(26.78 in.)	
6	8H3526	WASHER-----	4
7	T703	BOLT-----	8
8	8H9167	CUSHION ASSEM.-----	2
9	5S45	SEAT ASSEM.-----	1
		(Separate Illustration)	
10	9M5733	RIVET-----	1
11	5P7957	LANYARD-----	1
12	9M5884	BUMPER-----	2
13	9G9962	BRACKET-----	2

12	9G9302	SUPPORT GROUP-----	1
		(Separate Illustration)	
13	V375	BOLT-----	2
14	783235	BOLT-----	2
15	5P8245	WASHER-----	6
16	1A5822	BOLT-----	2
17	9G6543	COVER-----	1

18	5509	BOLT-----	4
19	7V9507	SEAT BELT GROUP-----	1
		(Separate Illustration)	
20	9G7190	PLATE-----	6
21	4H3001	PLUG-----	14
22	8S933	EYEBOLT-----	2
23	8S934	NUT-----	2
24	S1594	BOLT-----	6
25	9G6180	CHANNEL ASSEM.-----	1
26	9G6177	CHANNEL ASSEM.-----	1
27	8M7145	WASHER-----	4

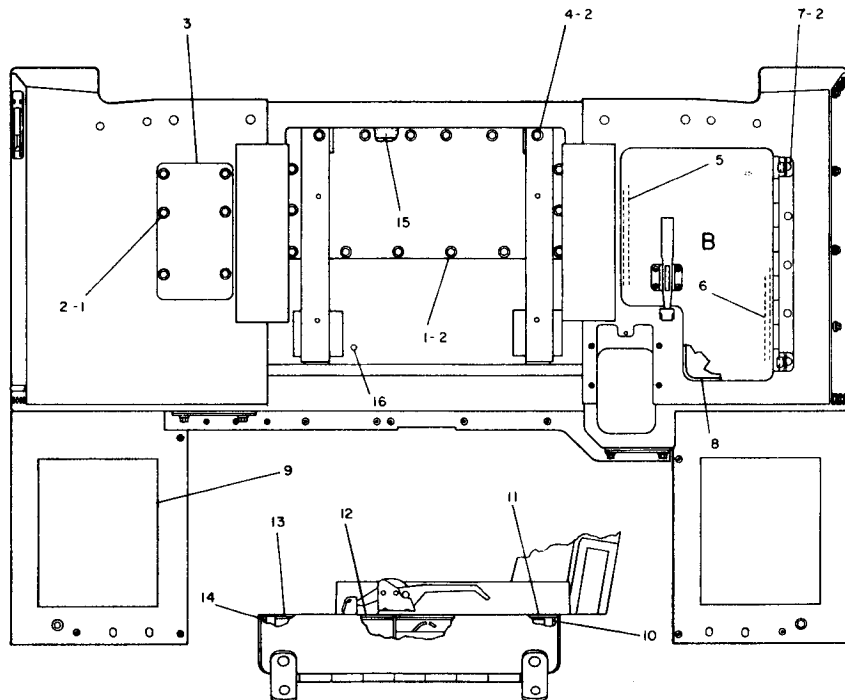


9G5920 SUPPORT AND SEAT GROUP—Part 1

Serial No. 6X1115 to 6X1442 inclusive

9G9302 Support, 5S45 Seat and 7V9507 Belt parts are shown on Pages 238, 239 and 239B

9G5920 SUPPORT AND SEAT GROUP—Part 2
Serial No. 6X1115 to 6X1442 inclusive



VIEW OF AREA B

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1594	BOLT-----	18
2	5M2894	WASHER-----	22
3	8P4824	COVER-----	1
3	8P4825	SEAL-----	1
4	S1590	BOLT-----	2
5	6V3449	SEAL---1.62 m(63.78 in.)	
6	5P5637	SEAL---.435 m(17.13 in.)	
7	1D4676	BOLT-----	2
7	1D4717	NUT-----	2
8	9G5974	TRAY ASSEM.-----	1
9	5P5897	COATING---.5 m(19.68 in.)	
10	5P5637	SEAL---.305 m(12.01 in.)	
11	5P5637	SEAL---.285 m(11.23 in.)	
12	5P5637	SEAL---.115 m(4.53 in.)	
13	5P5637	SEAL---.130 m(5.12 in.)	
14	5P5637	SEAL---.180 m(7.09 in.)	
15	9G5953	SEAL-----	1
C 16	5P7988	PLUG-----	1
●	5P7958	SLEEVE----- (not shown)-----	1

● NOT PART OF 9G5920
SUPPORT & SEAT GROUP

▲ ORDER BY THE METER

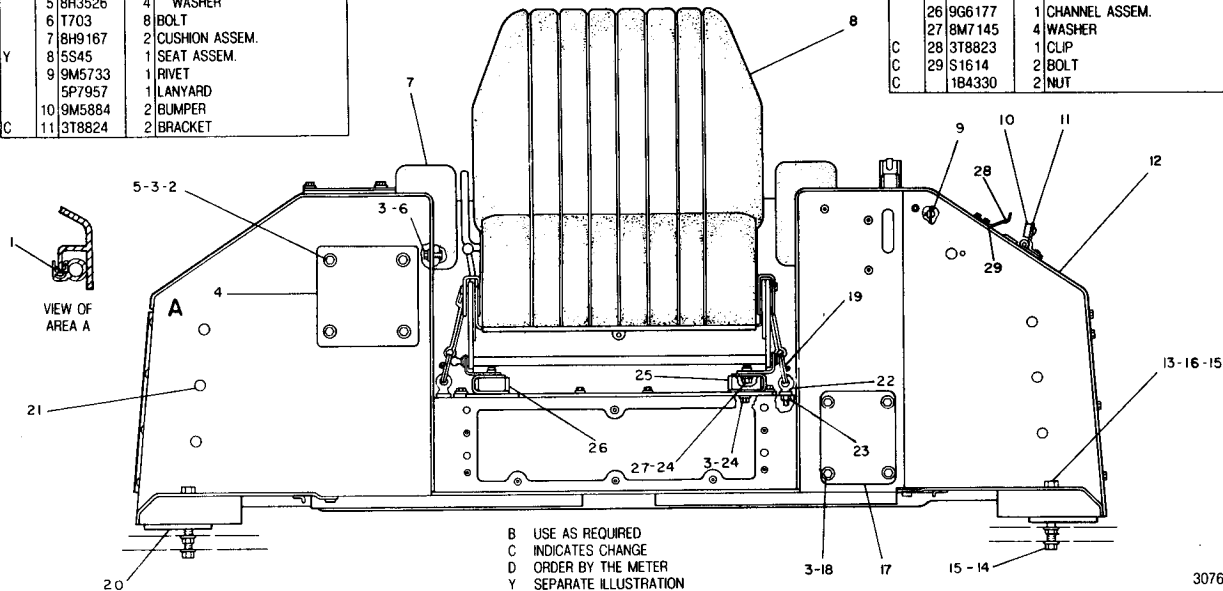
C INDICATES CHANGE

232393

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
CBD	1	5P8310	4	SEAL .595M (23.42 IN.)
	2	L1351	4	BOLT
	3	5M2894	18	WASHER
	4	8P4877	1	COVER ASSEM.
BD	5	5P7246	1	SEAL .680M (26.78 IN.)
	5	8H3526	4	WASHER
	6	T703	8	BOLT
	7	8H9167	2	CUSHION ASSEM.
Y	8	5S45	1	SEAT ASSEM.
	9	9M5733	1	RIVET
	5	5P7957	1	LANYARD
	10	9M5884	2	BUMPER
C	11	3T8824	2	BRACKET

Y	12	9G9302	1	SUPPORT GROUP
	13	V375	2	BOLT
	14	7B3235	2	BOLT
	15	5P8245	6	WASHER
	16	1A5822	2	BOLT
	17	9G6543	1	COVER

Y	18	S509	4	BOLT
	19	7V9507	1	SEAT BELT GROUP
	20	9G7190	6	PLATE
	21	3T7857	14	PLUG
	22	8S933	2	EYEBOLT
	23	8S934	2	NUT
	24	S1594	6	BOLT
C	25	9G6180	1	CHANNEL ASSEM.
	26	9G6177	1	CHANNEL ASSEM.
	27	8M7145	4	WASHER
	28	3T8823	1	CLIP
	29	S1614	2	BOLT
		1B4330	2	NUT



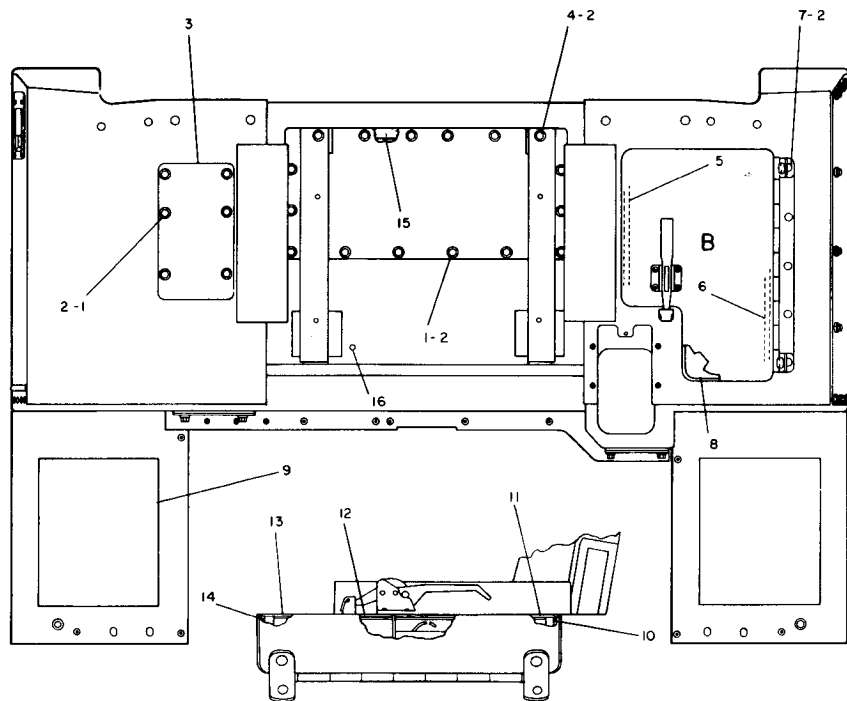
307626

9G5920 SUPPORT AND SEAT GROUP—Part 1

Serial No. 6X1443—Up

9G9302 Support, 5S45 Seat and 7V9507 Belt parts are shown on Pages 238, 239 and 239B

9G5920 SUPPORT AND SEAT GROUP—Part 2
Serial No. 6X1443—Up



VIEW OF AREA B

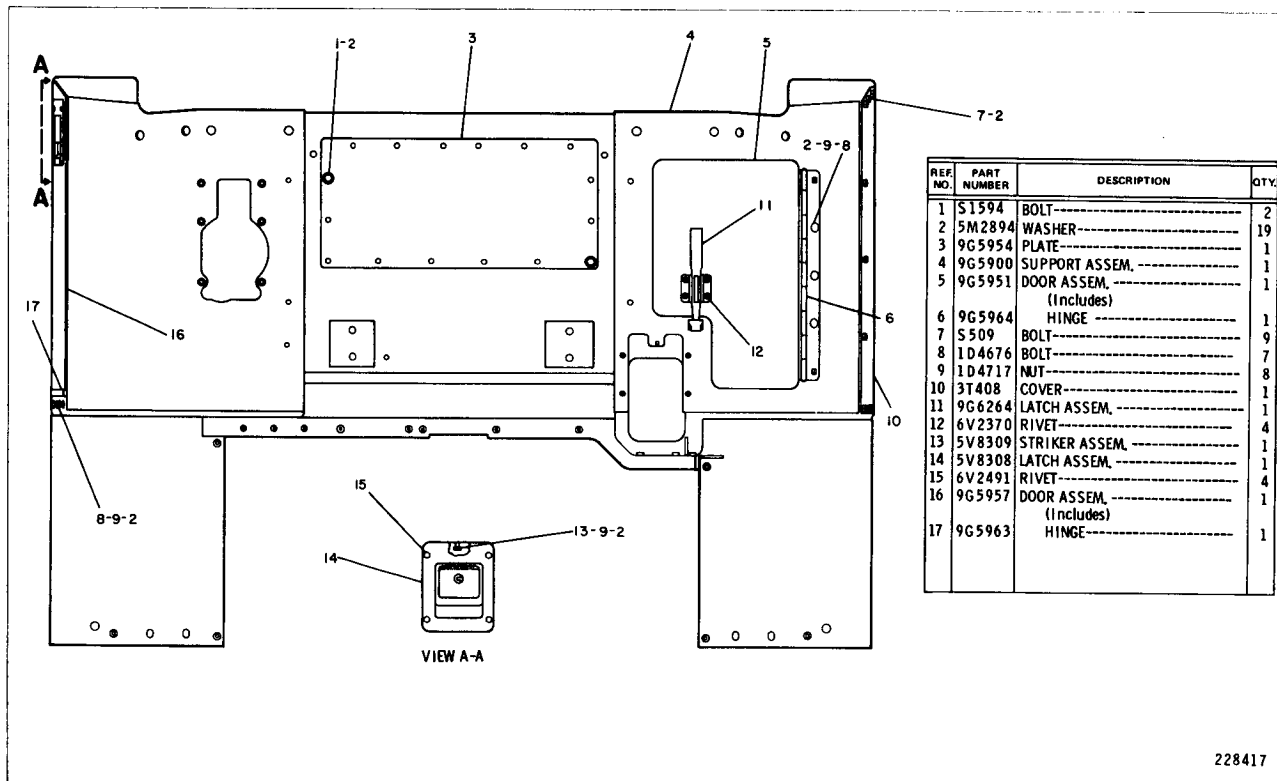
NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	S1594	18	BOLT
	2	5M2894	22	WASHER
	3	8P4824	1	COVER
		8P4825	1	SEAL
	4	S1590	2	BOLT
C	5	3T8852	1	SEAL
D	6	5P5637	SEAL .435M (17.13 IN.)	
	7	1D4676	2	BOLT
		1D4717	2	NUT
	8	9G5974	1	TRAY ASSEM.
D	9	5P5897	COATING .5M (19.68 IN.)	
D	10	5P5637	SEAL .305M (12.01 IN.)	
D	11	5P5637	SEAL .285M (11.23 IN.)	
D	12	5P5637	SEAL .115M (4.53 IN.)	
D	13	5P5637	SEAL .130M 5.12 IN.)	
D	14	5P5637	SEAL .180M (7.09 IN.)	
	15	9G5953	1	SEAL
	16	5P7988	1	PLUG
AF		5P7958	1	SLEEVE

A NOT PART OF THIS GROUP
C INDICATES CHANGE
D ORDER BY THE METER
F NOT SHOWN

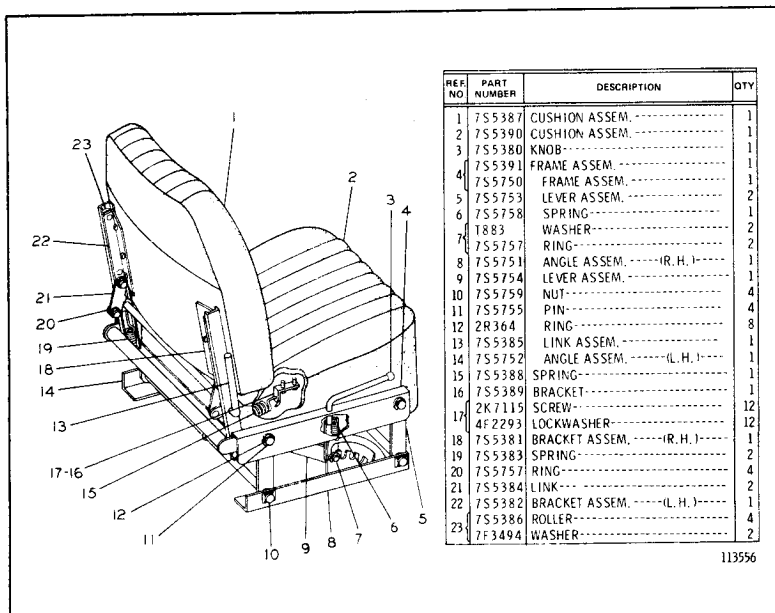
CAB, GAUGES AND ACCESSORIES

237B

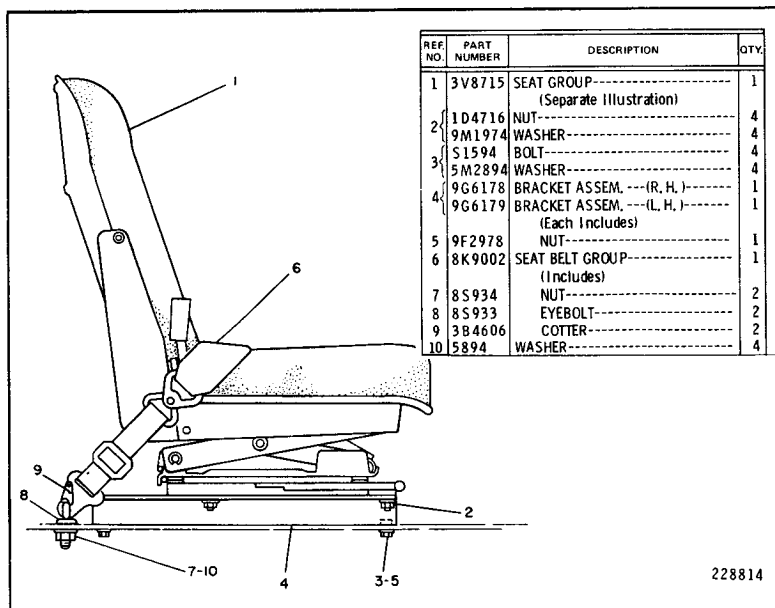
307627



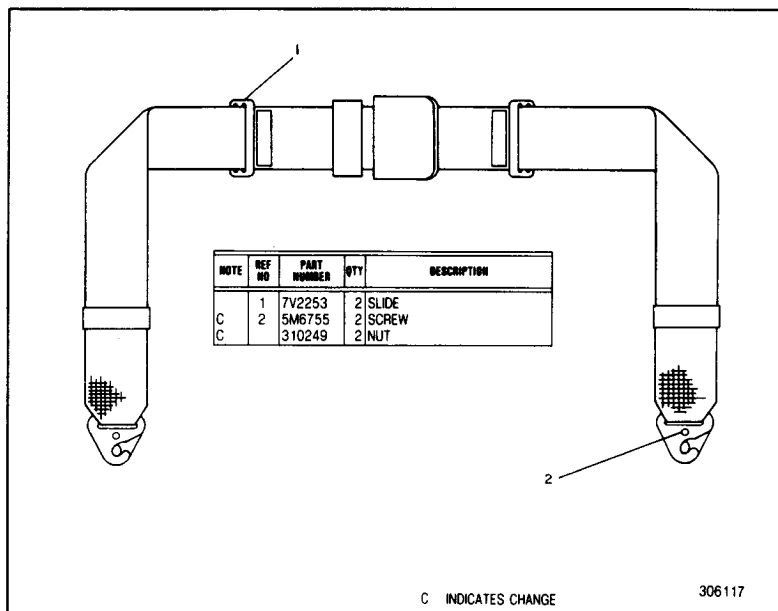
9G9302 SEAT SUPPORT GROUP
Part of 9G5920 Support and Seat Group shown on Page 236
AN ATTACHMENT



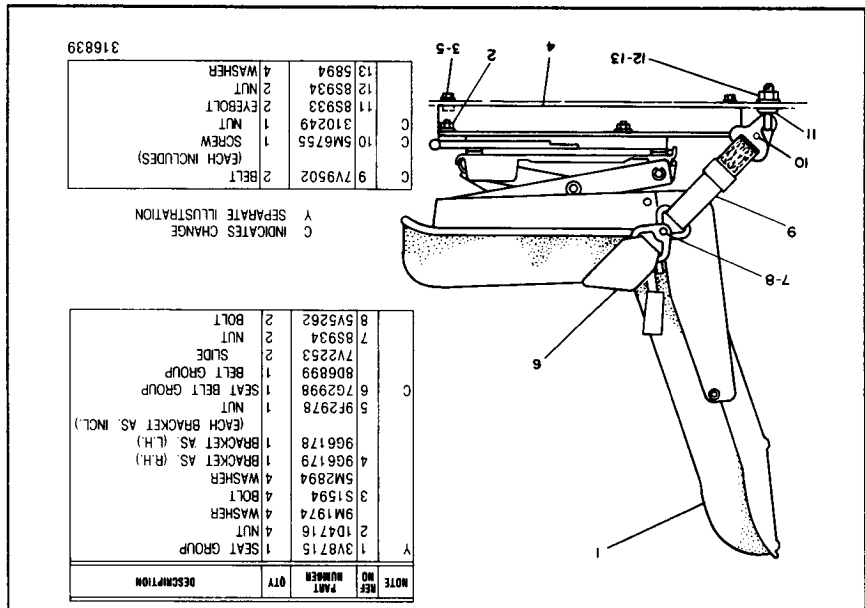
5S45 SEAT ASSEMBLY
 Part of 9G5920 Support and Seat Group shown on Page 236
AN ATTACHMENT



9G9931 SUSPENSION SEAT GROUP—Type 1
 3V8715 Seat parts are shown on Page 240
AN ATTACHMENT

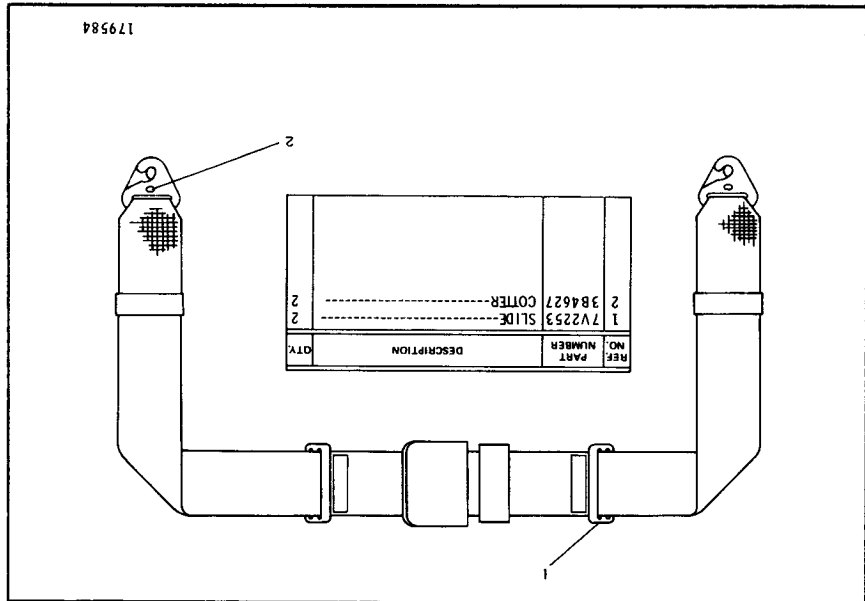


7V9507 SEAT BELT GROUP—Type 2
Part of 9G5920 Support and Seat Group shown on Page 236

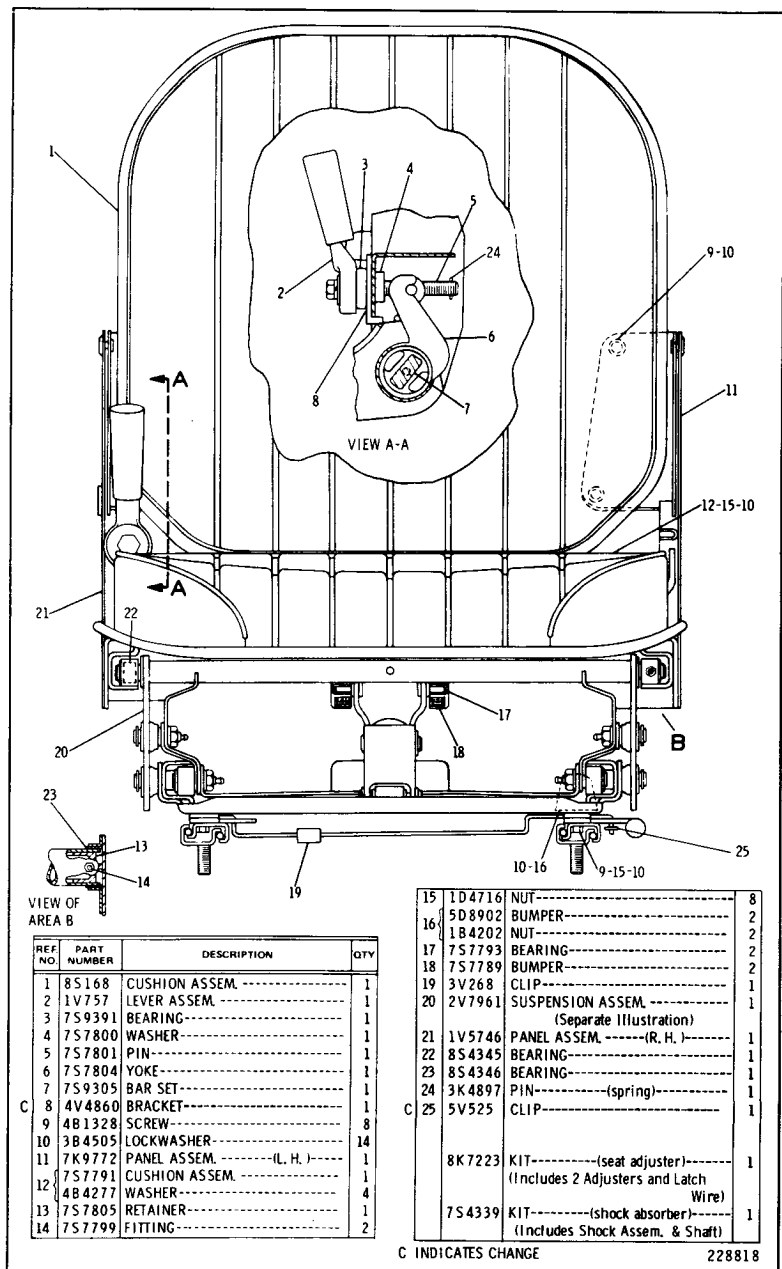


9G9931 SUSPENSION SEAT GROUP-TYPE 2

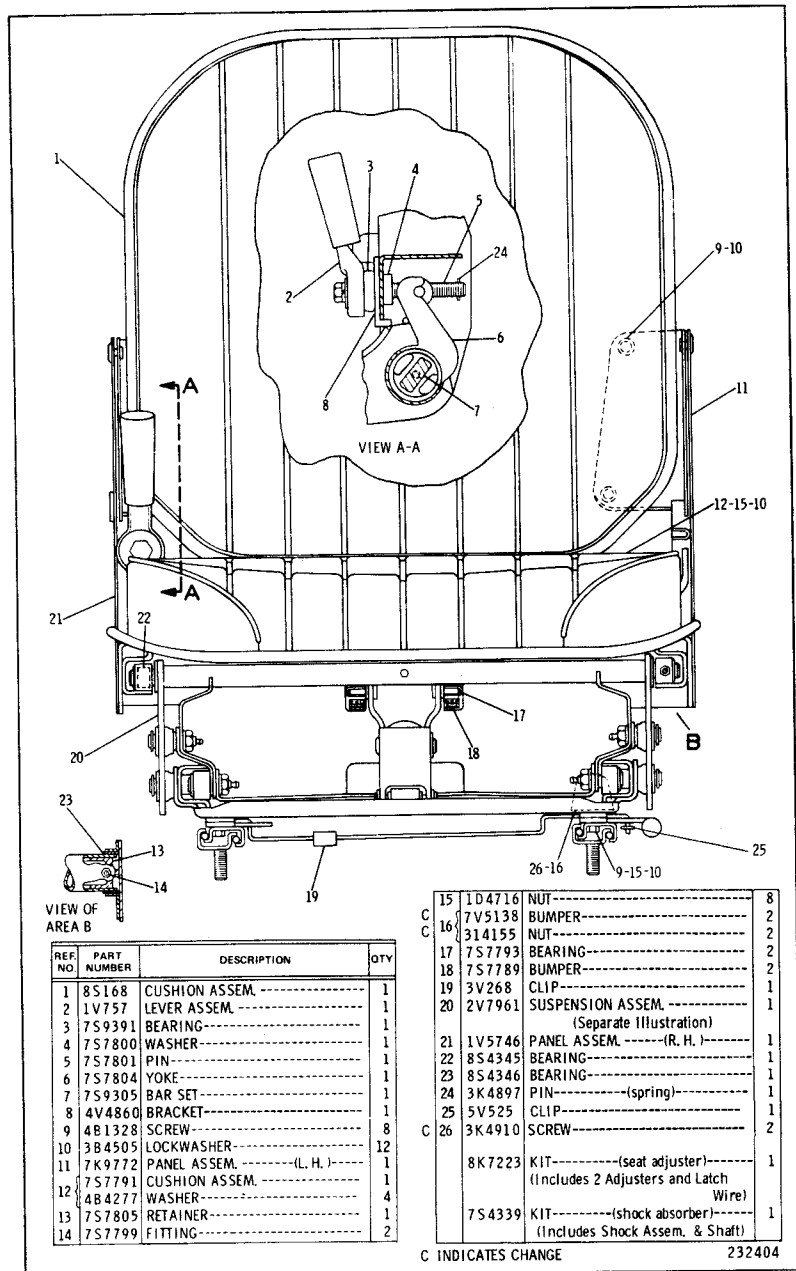
3V8715-Page 240A
An Attachment



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7V2253	SLIDE	1
2	3B4627	COTTER	2



3V8715 SEAT GROUP—Type 1
 Part of 9G9931 Suspension Seat Group shown on Page 239
 2V7961 Seat parts are shown on Page 241
 AN ATTACHMENT

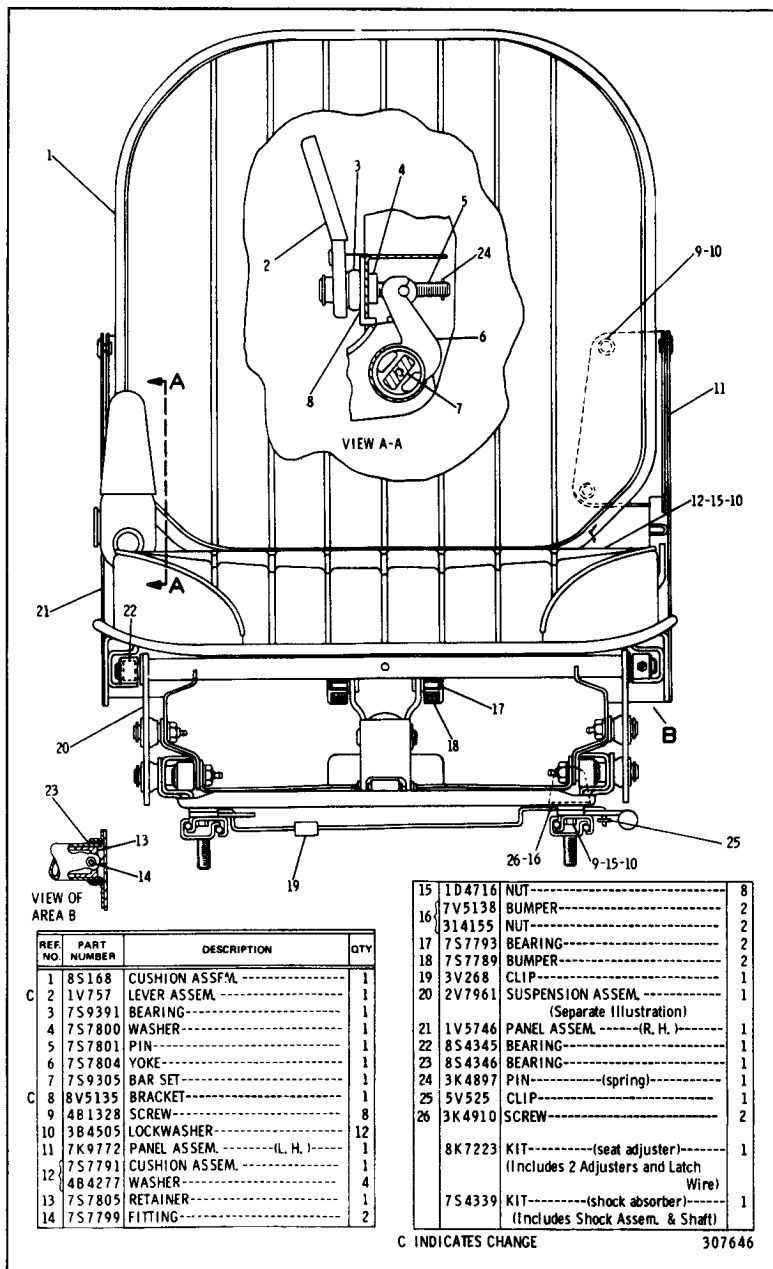


3V8715 SEAT GROUP—Type 2

Part of 9G9931 Suspension Seat Group shown on Page 239B

2V7961 Seat parts are shown on Page 241

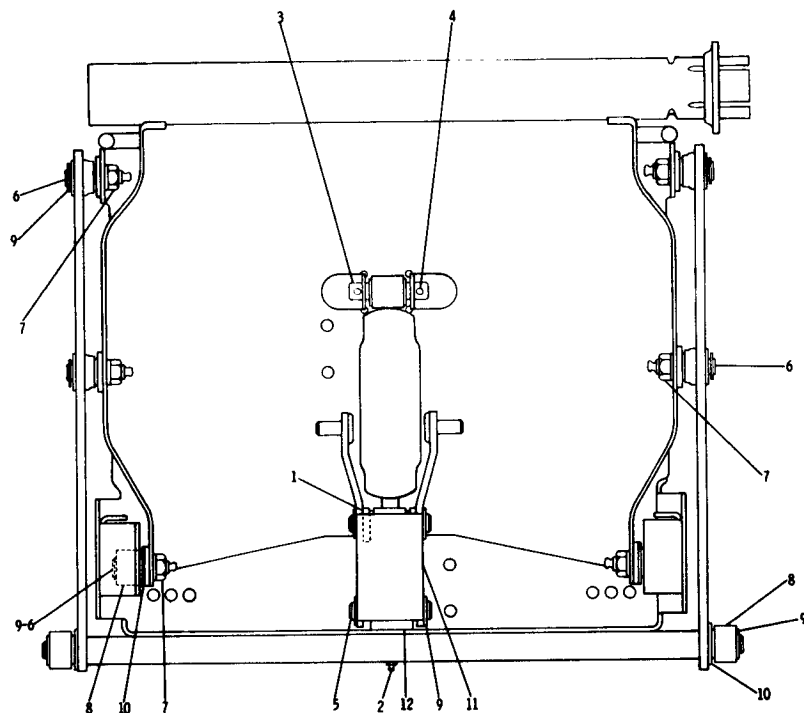
AN ATTACHMENT



3V8715 SEAT GROUP—Type 3

Part of 9G9931 Suspension Seat Group shown on Page 239B
 2V7961 Seat parts are shown on Page 241. AN ATTACHMENT

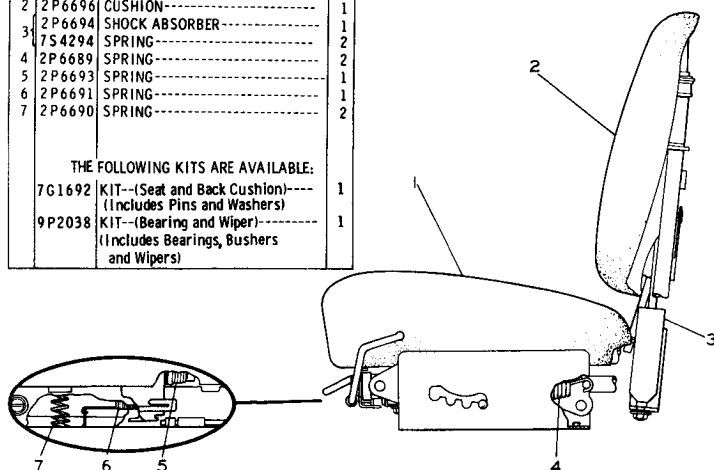
2V7961 SEAT SUSPENSION ASSEMBLY
Part of 3V8715 Seat Group shown on Page 240
AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	7S9885	WASHER-----	2
2	7S9868	FITTING-----	1
3	7S9871	SHAFT-----	1
4	6H3956	PIN-----	2
5	7S9870	SHAFT-----	1
6	7S9867	STUD-----	6
7	3K6060	LOCKNUT-----	6
	3B4506	LOCKWASHER-----	6
8	7S9866	BEARING ASSEM.-----	4
9	7S5757	RING-----	10
10	7S9884	WASHER-----	4
11	7S9873	BRACKET ASSEM.-----	1
12	7S9869	BEARING-----	2
	7S4339	KIT----- (shock absorber)----- (Includes Shock Absorber Assem. and Shaft)	1

226581

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P6695	CUSHION-----	1
2	2P6696	CUSHION-----	1
3	2P6694	SHOCK ABSORBER-----	1
4	7S4294	SPRING-----	2
5	2P6689	SPRING-----	2
6	2P6693	SPRING-----	1
7	2P6691	SPRING-----	1
	2P6690	SPRING-----	2
THE FOLLOWING KITS ARE AVAILABLE:			
	7G1692	KIT--(Seat and Back Cushion)--- (Includes Pins and Washers)	1
	9P2038	KIT--(Bearing and Wiper)----- (Includes Bearings, Bushers and Wipers)	1



229662

8P8777 BOSTROM SEAT GROUP
AN ATTACHMENT

CONSISTS OF:

PAGE

1	6N206	REFRIGERANT COMPRESSOR ARRANGEMENT	243
1	9P5227	AIR CONDITIONER ARRANGEMENT	243

8P5420 AIR CONDITIONER ARRANGEMENT — Cools and Heats
AN ATTACHMENT

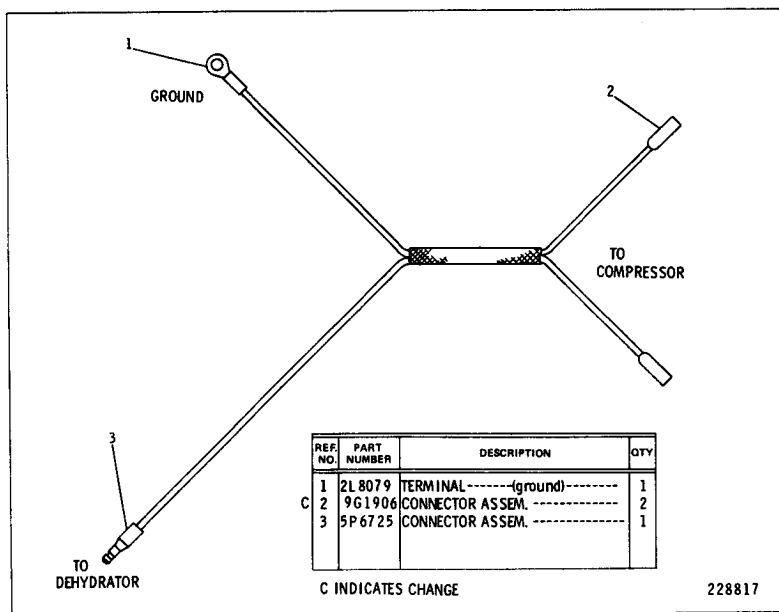
CONSISTS OF:		PAGE
1	9G3699 HEATER LINES GROUP	256
1	8P2149 AIR CONDITIONER LINES GROUP	247
1	8P3148 MOUNTING AND CONDENSER GROUP	250
1	9P2045 COMPRESSOR HARNESS ASSEMBLY	244
1	9P5225 AIR CONDITIONER GROUP	252
1	5F9757 GROMMET--HARNESS	
1	341432 STRAP--HARNESS ASSEMBLY TO COMPRESSOR	

9P5227 AIR CONDITIONER ARRANGEMENT — Heats and Cools
Part of 8P5420 Air Conditioner Arrangement listed on Page 242
AN ATTACHMENT

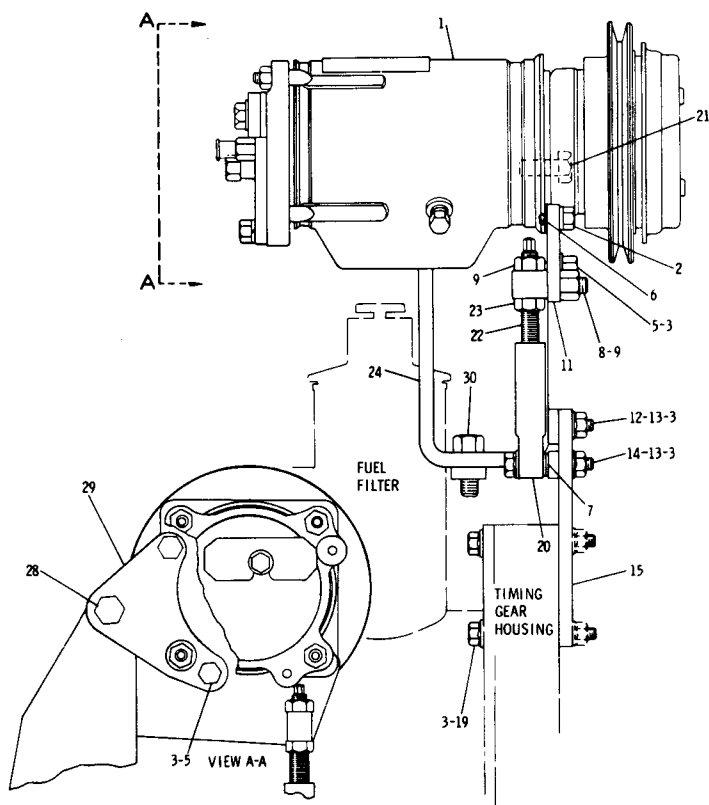
CONSISTS OF:		PAGE
1	4N6016 REFRIGERANT COMPRESSOR GROUP	245
1	8N233 FUMES DISPOSAL GROUP	31
1	9L6125 VEE BELT	
1	4N6381 COMPRESSOR DRIVE PULLEY ASSEMBLY	
CONSISTING OF:		
6	4S6137 STUD	

6N206 REFRIGERANT COMPRESSOR ARRANGEMENT
Part of 8P5420 Air Conditioner Arrangement listed on Page 242
AN ATTACHMENT

CATERPILLAR D6D LGP TRACTOR



9P2045 COMPRESSOR HARNESS ASSEMBLY
 Part of 9P5227 Air Conditioner Arrangement listed on Page 243
 AN ATTACHMENT



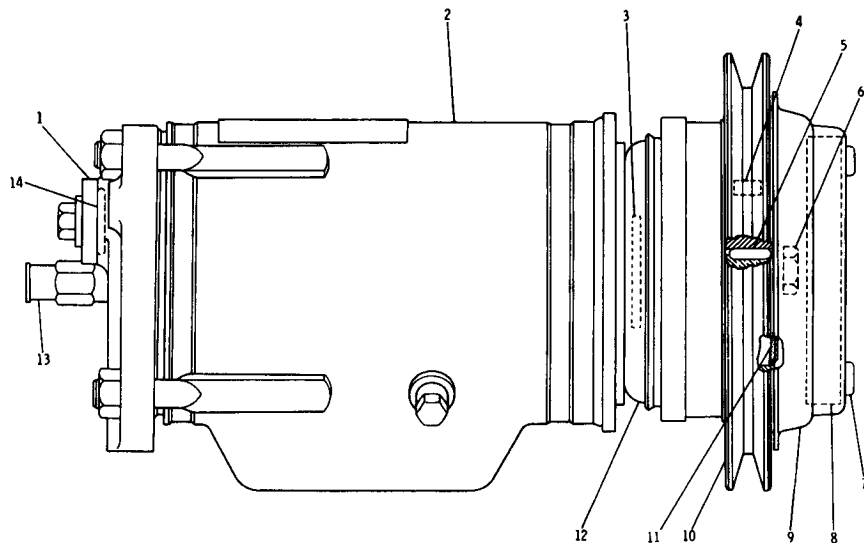
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N4297	COMPRESSOR GROUP----- (Separate Illustration)	1
2	4B9883	BOLT-----	2
3	9M1974	WASHER-----	2
C 5	5M2894	WASHER-----	15
5	S1594	BOLT-----	3
6	6B6122	WASHER-----	1
7	4B4278	WASHER---(use as required)---	2
C 8	1P2237	SWIVEL-----	1
9	1D4719	NUT-----	2
11	4N6010	PLATE-----	1
12	S1571	BOLT-----	2
13	1D4717	NUT-----	3
14	L2070	BOLT-----	1
15	4N6297	SUPPORT ASSEM.-----	1

19	T573	BOLT-----	3
20	1P2238	END-----	1
C 21	S1595	BOLT-----	1
22	1P2236	ROD ASSEM.-----	1
23	1D5117	NUT-----	1
24	2P6539	SUPPORT ASSEM.-----	1
24	1F748	NUT-----	1
	7B3235	BOLT-----	1
28	4B4280	WASHER-----	1
C 28	8N3525	SPACER-----	1
29	4N6011	PLATE-----	1
C 30	S1585	BOLT-----	1
C 30	7N2597	SPACER-----	1

C INDICATES CHANGE

229322

4N6016 REFRIGERANT COMPRESSOR GROUP
 Part of 6N206 Refrigerant Compressor Arrangement listed on Page 243
 7N4297 Compressor parts are shown on Page 246
 AN ATTACHMENT



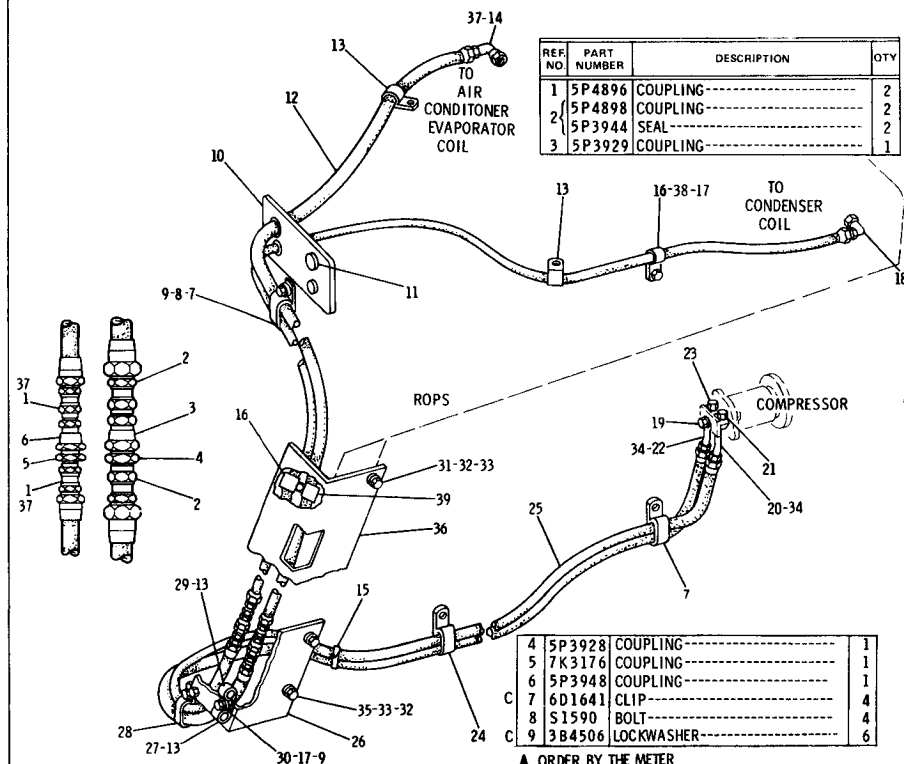
C INDICATES CHANGE

NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1P6356	1	PLATE
	2	1P6416	1	COMPRESSOR ASSEM
C	3	1P6357	1	SEAL KIT (REFRIGERANT) (INCLUDES RETAINER, RINGS & SEALS)
C	4	1P6360	1	BEARING KIT
	5	7N809	1	KEY
C	6	9P8750	1	NUT
	7	145111	3	SCREW
C	8	1P6361	1	DRIVE CLUTCH KIT
	9	6N1116	1	COVER KIT (DUST) (INCLUDES COVER AND SCREWS)
C	10	7N4300	1	PULLEY KIT (REFRIGERANT COMP.)
	11	7N4291	1	SEAL KIT (DUST) (INCLUDES SHIELD GROUP, SEALS, KEY, NUT, RINGS AND SLEEVE)
C	12	7N4287	1	COIL KIT (CLUTCH)
	13	1P6355	1	VALVE ASSEM.
	14	1H8171	2	SEAL

306020

7N4297 CLUTCH AND REFRIGERANT COMPRESSOR GROUP
 Part of 4N6016 Refrigerant Compressor Group shown on Page 245
 AN ATTACHMENT

8P2149 AIR CONDITIONER LINES GROUP
 Part of 9P5227 Air Conditioner Arrangement listed on Page 243
 AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	5P4896	COUPLING-----	2
2	5P4898	COUPLING-----	2
3	5P3944	SEAL-----	2
3	5P3929	COUPLING-----	1

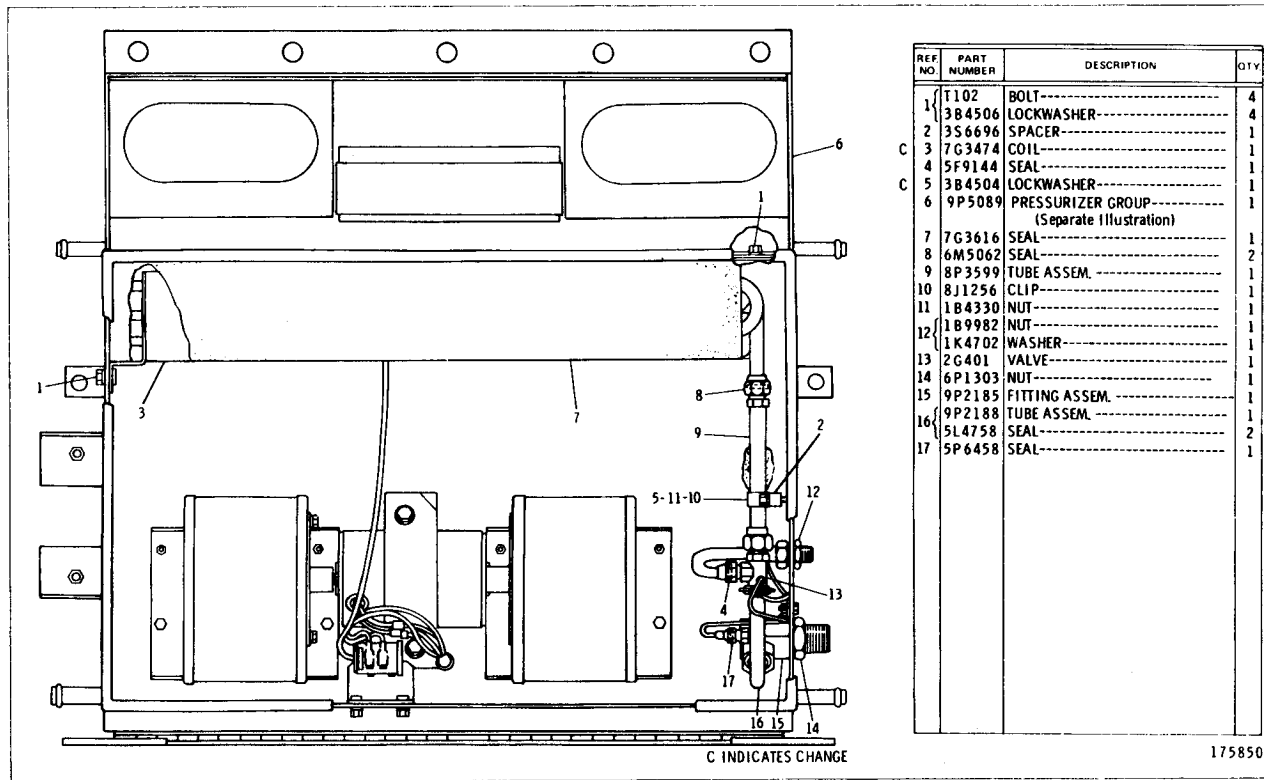
4	5P3928	COUPLING-----	1
5	7K3176	COUPLING-----	1
6	5P3948	COUPLING-----	1
7	6D1641	CLIP-----	4
8	S1590	BOLT-----	4
9	3B4506	LOCKWASHER-----	6

10	9P2598	PLATE-----	1
10	8P4928	BUSHING-----	1
10	8P4927	BUSHING-----	1
11	9P6571	PLUG-----	2
12	5P5676	HOSE-----7.4m(293.3 in.)	5
13	3P2404	CLIP-----	1
14	5P6673	COUPLING-----	4
15	7K1181	STRAP-----	1
16	4S1962	CLIP-----	3
17	1D4717	NUT-----	3
18	9D4508	COUPLING-----	1
18	6M5062	SEAL-----	1
19	S1748	BOLT-----	1
19	4B4278	WASHER-----	1
20	6V876	COUPLING-----	1
21	2L1224	CAP-----	1
22	6V875	COUPLING-----	1
23	2L1224	CAP-----	1
24	8M2769	CLIP-----	1
25	5P5645	HOSE-----7.3 m(287.4 in.)	1
26	9P8678	PLATE-----	1
27	5P3950	CAP-----	1
27	5P3951	PLUG-----	1
28	5P6994	CLIP-----	1
28	1K6705	BOLT-----	1
29	5P3946	PLUG-----	1
29	5P3945	CAP-----	1
30	L1351	BOLT-----	2
31	6H1717	BOLT-----	3
32	4B4280	WASHER-----	5
33	3B4508	LOCKWASHER-----	5
34	1H8171	SEAL-----	2
35	S1595	BOLT-----	2
36	9P8676	PLATE-----	1
37	1S8947	SEAL-----	3
38	T102	BOLT-----	1
39	4S4455	CLIP-----	2

▲ ORDER BY THE METER

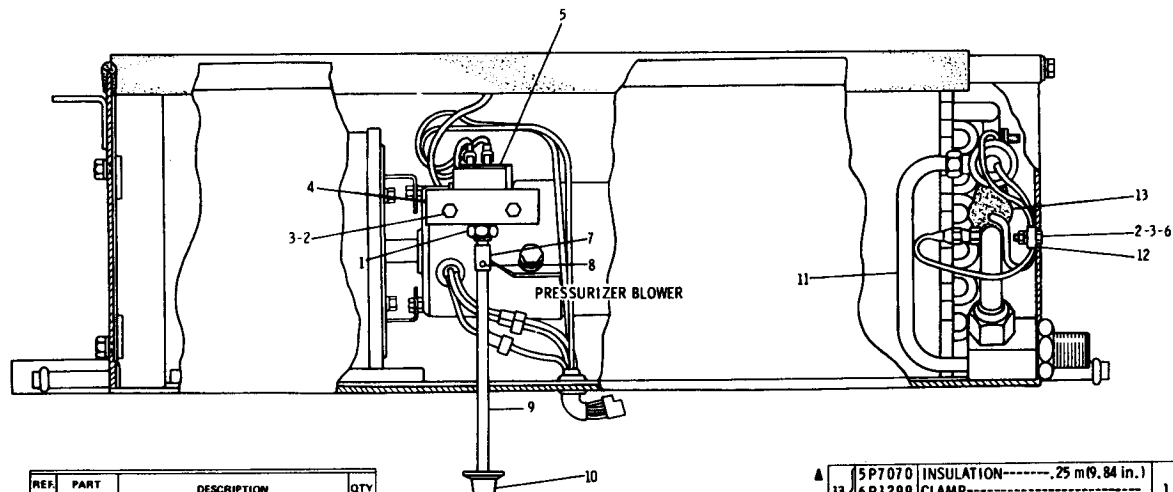
C INDICATES CHANGE

229324



8P2146 AIR CONDITIONER GROUP — Part 1
 Part of 9P5225 Basic Air Conditioner Group shown on Page 252
 9P5089 Pressurizer parts are shown on Page 227

8P2146 AIR CONDITIONER GROUP — Part 2
Part of 9P5225 Basic Air Conditioner Group shown on Page 252
AN ATTACHMENT

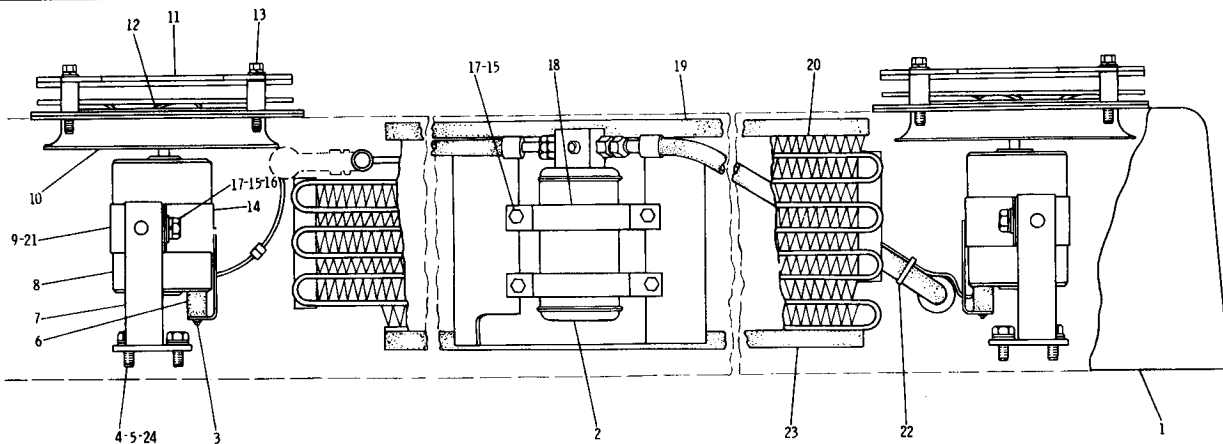


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P4339	NUT-----	1
2	2A762	BOLT-----	3
3	3B4504	LOCKWASHER-----	3
4	8P2111	BRACKET ASSEM.-----	1
5	9P3498	SWITCH----- (thermostat)	1
6	1B4330	NUT-----	1
7	8P3597	SLEEVE-----	1
8	3H1118	PIN-----	2
9	8P3598	ROD-----	1
10	1P6509	KNOB-----	1
11	8P4710	TUBE ASSEM.-----	1
12	1P6525	CLAMP-----	1

▲	5P7070	INSULATION----- .25 m (9.84 in.)	
13	6P1299	CLAMP-----	1
	1P6524	SCREW-----	1
	SMHS 7000	FORM----- (Installing Switch)	1

▲ ORDER BY THE METER

175851



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P3138	GRILL ASSEM.-----	1
2	9D6888	DRYER-----	1
3	2H6622	SCREW-----	2
4	6L7101	SPACER-----	2
5	L1351	BOLT-----	6
6	5P1075	WASHER-----	6
7	8P7567	BUMPER ASSEM.-----	2
8	9P252	PLATE ASSEM.-----	2

9P2218	MOTOR ASSEM.-----	2
(Each Includes)		
8 2P5145	BRUSH-----	2
5P5610	CONNECTOR----(push type)---	1
2L7018	PAD-----	1
9 2P4556	STRAP-----	2
10 9P247	ORIFICE ASSEM.-----	2
11 7G1289	GUARD ASSEM.-----	2
12 3P7995	FAN-----	2
18 2714	BOLT-----	8
13 3B4504	LOCKWASHER-----	8
4B5269	WASHER-----	8

C INDICATES CHANGE

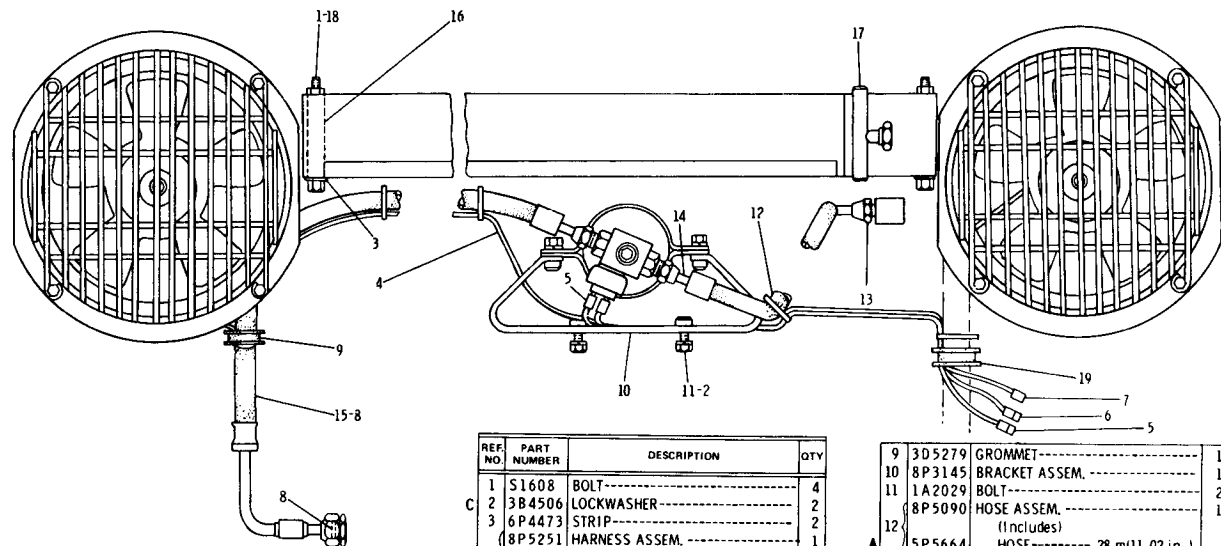
14 9P2424	STRAP ASSEM.-----	2
15 3B4506	LOCKWASHER-----	8
16 4B4278	WASHER-----	4
17 S1588	BOLT-----	8
18 8D7644	CLAMP-----	4
19 5P5962	SEAL-----1.3 m(51.2 in.)	2
20 8P5089	COIL-----	1
21 5P5908	SEAL-----7 m(27.6 in.)	3
22 3S2093	STRAP-----	3
23 5P5921	SEAL-----1.3 m(51.2 in.)	4
24 3J3372	SHIM-----	4

▲ ORDER BY THE METER

178938

8P3148 MOUNTING AND CONDENSER GROUP — Part 1
Part of 9P5227 Air Conditioner Arrangement listed on Page 243
AN ATTACHMENT

8P3148 MOUNTING AND CONDENSER GROUP — Part 2
Part of 9P5227 Air Conditioner Arrangement listed on Page 243
AN ATTACHMENT



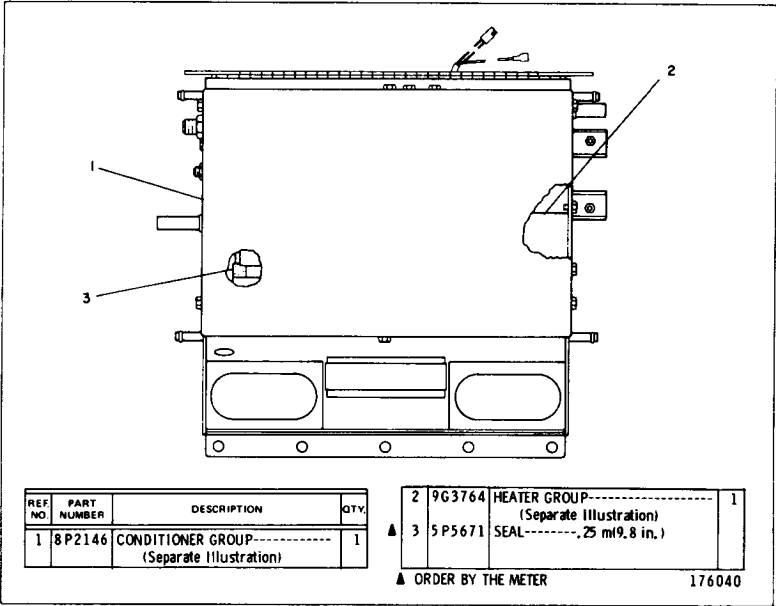
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	51608	BOLT-----	4
2	3B4506	LOCKWASHER-----	2
3	6P4473	STRIP-----	2
4	8P5251	HARNESSE ASSEM.-----	1
		(Includes)	
▲ 4	5P5624	WIRE----- (14 gauge)-----	4
	5P5621	WIRE----- (12 gauge)-----	1
	6K1828	CONNECTOR----- (motor)-----	2
	2S1043	BUTT-----	1
5	5P4571	TERMINAL-(dryer & connector)-----	3
6	7K9689	CONNECTOR----- (connector)-----	1
7	5P5694	TERMINAL----- (thermostat)-----	1
8	5F9144	SEAL-----	4

C INDICATES CHANGE

9	3D5279	GROMMET-----	1
10	8P3145	BRACKET ASSEM.-----	1
11	1A2029	BOLT-----	2
	8P5090	HOSE ASSEM.-----	1
12		(Includes)	
▲ 12	5P5664	HOSE----- 28 m(11.02 in.)	1
13	5P2493	FITTING----- (straight)-----	1
14	9D4507	FITTING----- (90°)-----	1
15	8P3137	HOSE ASSEM.-----	1
16	7K3245	TUBE-----	4
▲ 17	5P7070	INSULATION----- 25 m(9.8 in.)	1
18	2K4973	LOCKNUT-----	4
19	3D6209	GROMMET-----	1

▲ ORDER BY THE METER

178939

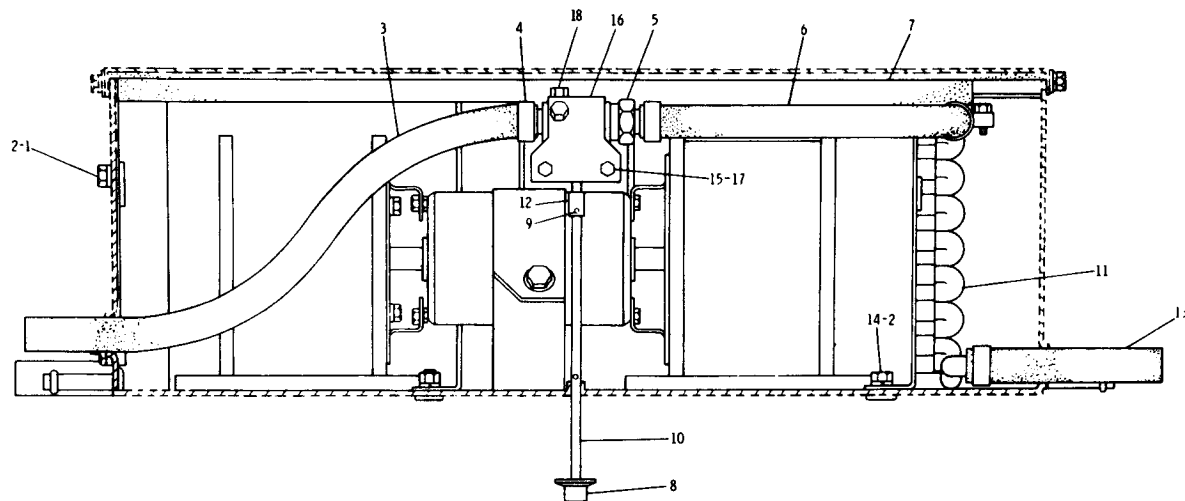


9P5225 BASIC AIR CONDITIONER GROUP

Part of 9P5227 Air Conditioner Arrangement listed on Page 243

8P2146 Air Conditioner and 9G3764 Heater parts are shown on Pages 248, 249 and 253
AN ATTACHMENT

9G3764 CAB HEATER GROUP
 Part of 9P5225 Air Conditioner and 8P4914 Heater Groups shown on Pages 252 and 255
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T102	BOLT-----	2
2	3B4506	LOCKWASHER-----	4
3	5P767	HOSE-----44.50 cm(17.52 in.)	1
4	5D1026	CLAMP-----	4
5	7G8699	VALVE-----	1
6	5P767	HOSE-----38.10cm(15 in.)	1
7	7G3615	SEAL-----	1
8	1P6509	KNOB-----	1

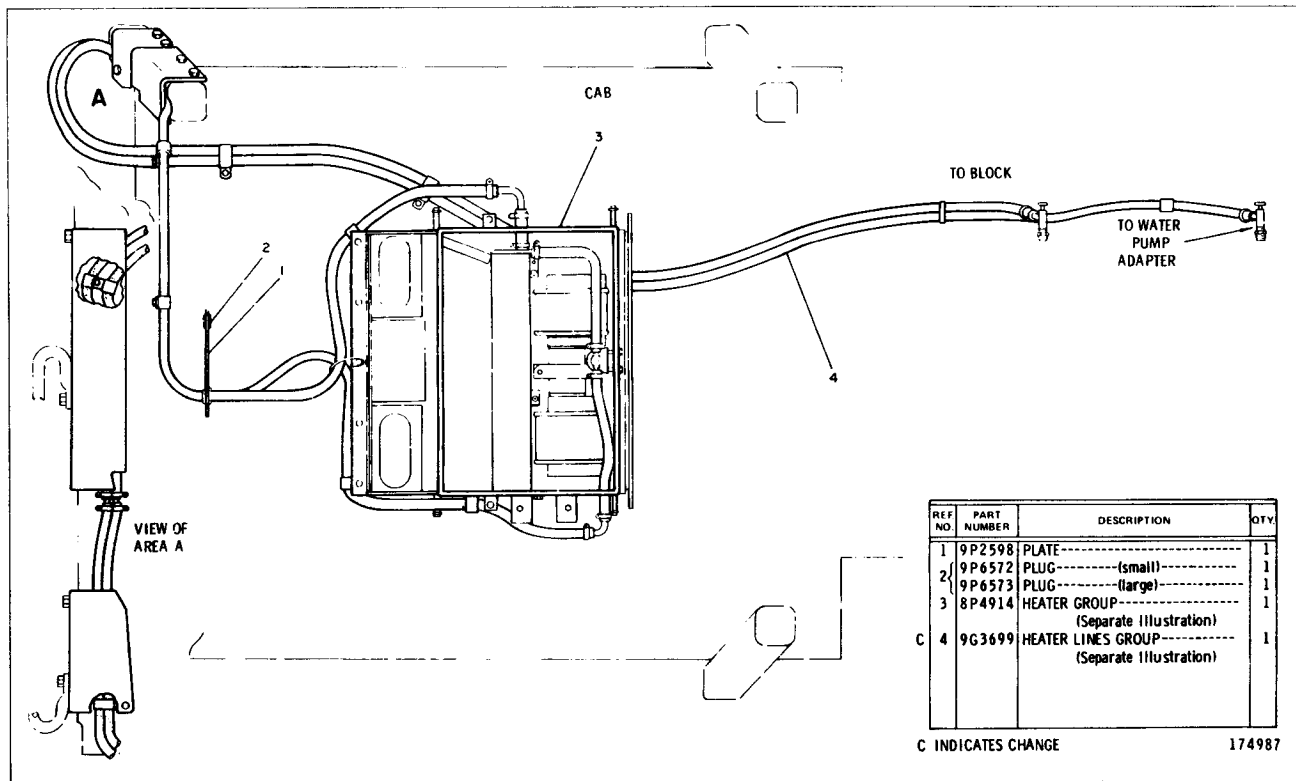
C INDICATES CHANGE

9	3H1118	PIN-----	2
10	8P3600	ROD-----	1
11	3P7993	COIL-----	1
12	8P3597	SLEEVE-----	1
13	5P767	HOSE-----10.20 cm(4.02 in.)	1
14	1D4717	NUT-----	2
	7B2742	BOLT-----	2
15	3B4504	LOCKWASHER-----	2
	8P6099	SPACER-----	2

▲ ORDER BY THE CENTIMETER

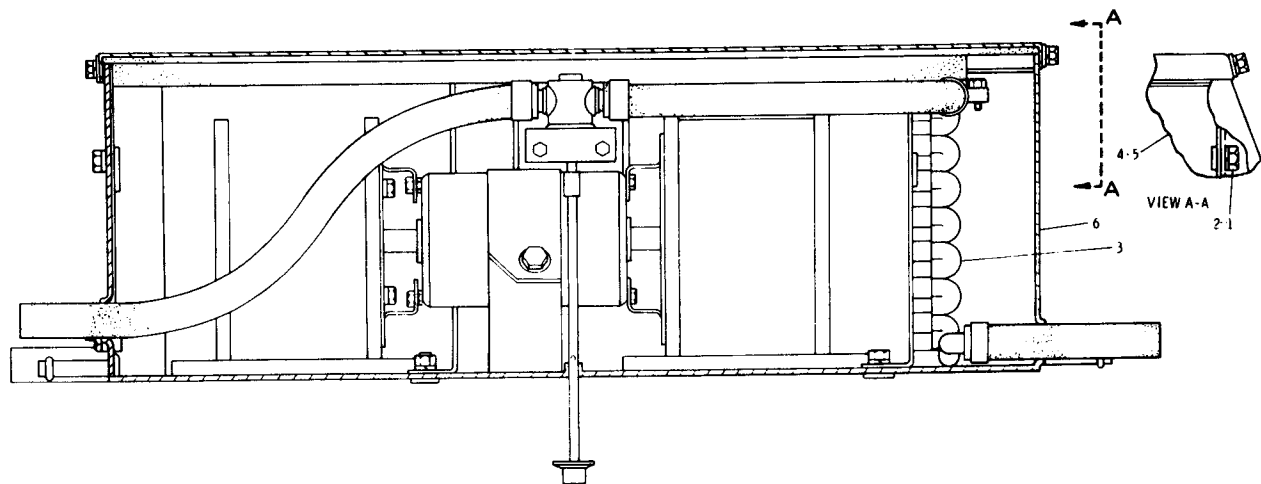
C 16	9G931	BRACKET ASSEM.-----	1
		(Includes)	
17	9F6445	NUT-----	2
C 18	2L5317	SCREW-----	2
C	8F1434	LOCKWASHER-----	2

175849



8P2138 CAB HEATER GROUP
8P4914 and 9G3699 Heater parts are shown on Pages 255 and 256
AN ATTACHMENT

8P4914 HEATER GROUP
Part of 8P2138 Cab Heater Group shown on Page 254
9P5089 Pressurizer and 9G3764 Heater parts are shown on Pages 227 and 253
AN ATTACHMENT

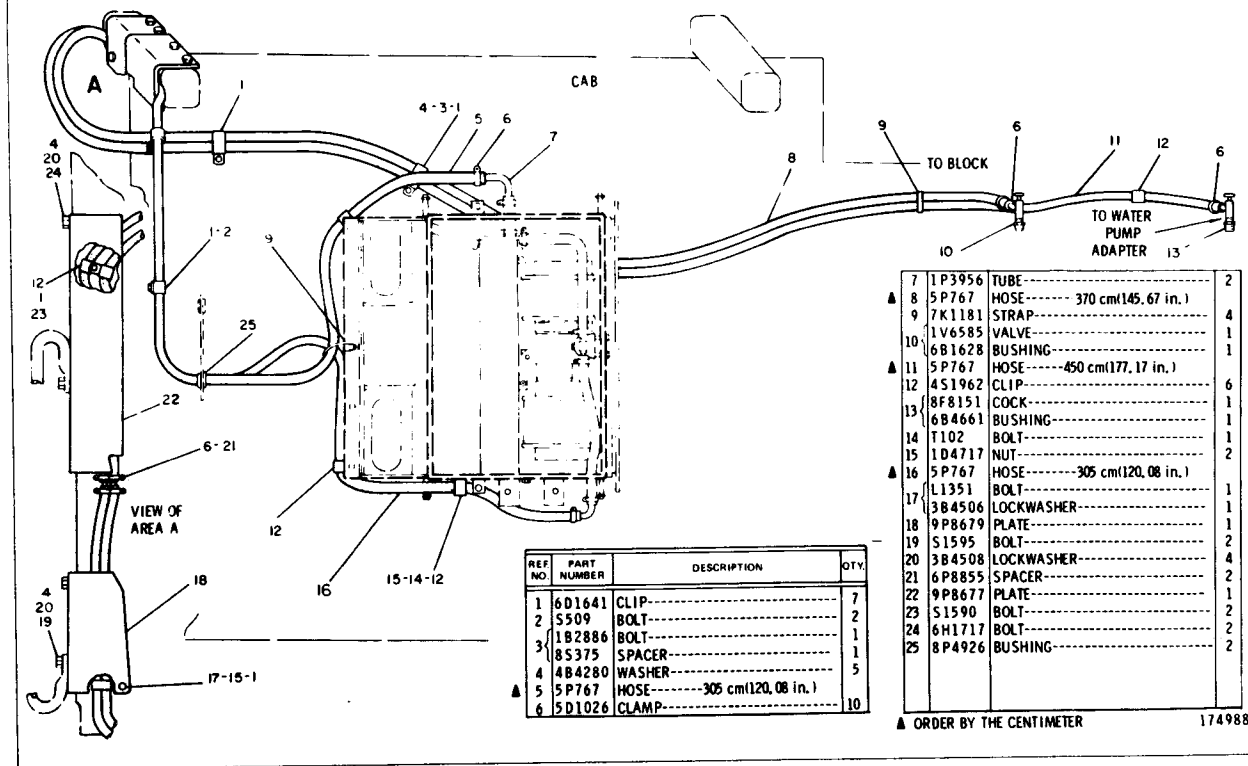


REF NO	PART NUMBER	DESCRIPTION	QTY
1	T102	BOLT-----	2
2	384506	LOCKWASHER-----	2
3	9G3764	CAB HEATER GROUP----- (Separate Illustration)	1

▲ 4	5 P5671	SEAL-----, 135 ml(5, 32 in.)	1
5	8 P4884	BAFFLE ASSEM.-----	
6	9 P5089	PRESSURIZER GROUP----- (Separate Illustration)	

▲ ORDER BY THE METER
C INDICATES CHANGE

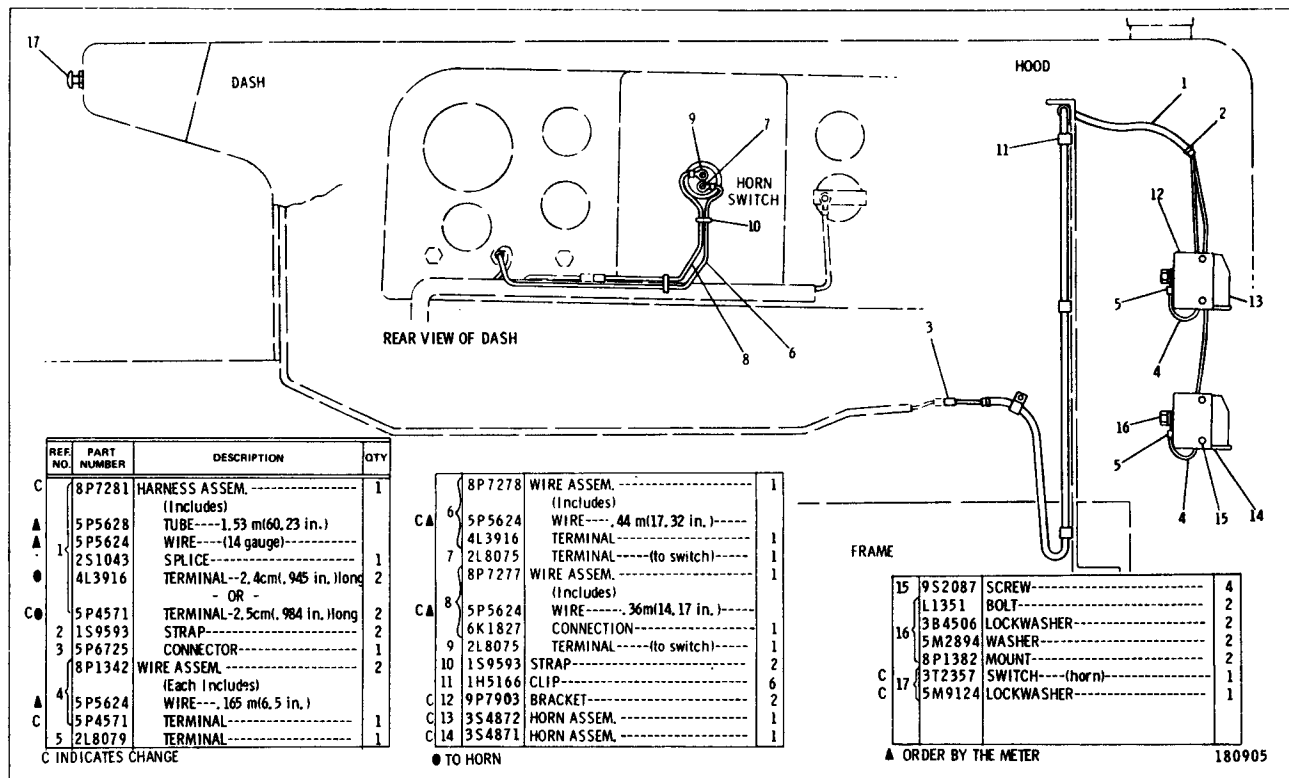
174989



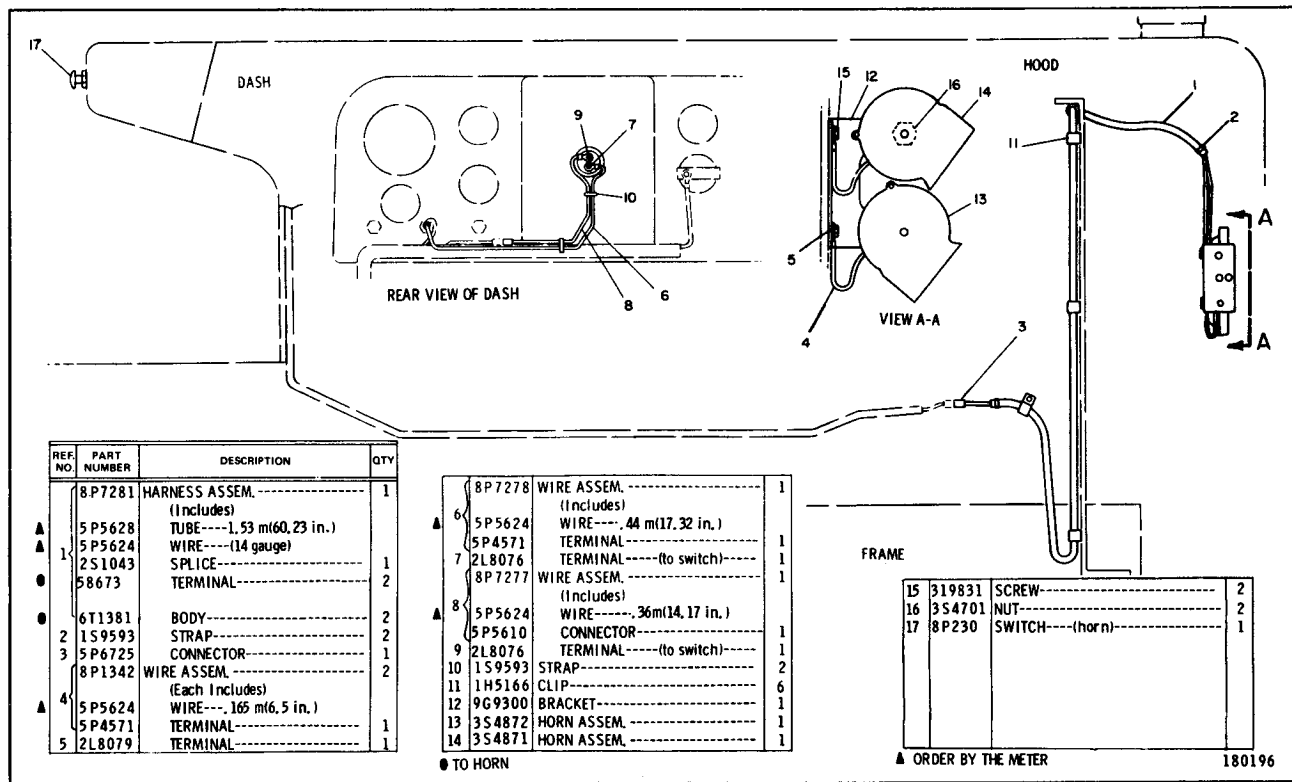
9G3699 HEATER LINES GROUP

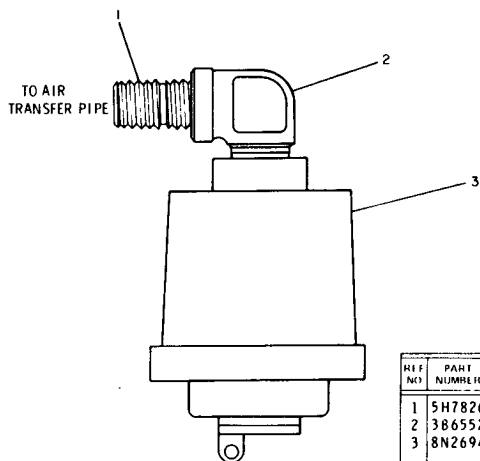
Part of 9P5227 Air Conditioner and 8P2138 Cab Heater Groups shown on Pages 243 and 254
AN ATTACHMENT

9P7904 ELECTRIC HORN GROUP—Forward Warning
 Serial No. 6X1115 to 6X1479 inclusive
 AN ATTACHMENT



3T2316 ELECTRIC HORN GROUP—Forward Warning
Serial No. 6X1480—Up

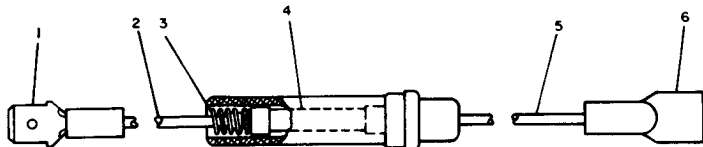




REF NO	PART NUMBER	DESCRIPTION	QTY
1	5H7826	NIPPLE-----	1
2	386552	ELBOW-----	1
3	8N2694	INDICATOR-----	1

224183

8N3179 AIR FILTER SERVICE INDICATOR GROUP
AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	4S1988	TERMINAL-----	1
2	5P5624	WIRE-----,08m (3,15 in.)	1
3	2S5013	SPRING-----	1
4	2S6024	FUSE----- (5 amp)-----	1
5	5P5624	WIRE-----,06 m (2,36 in.)	2
6	5P4571	TERMINAL-----	1

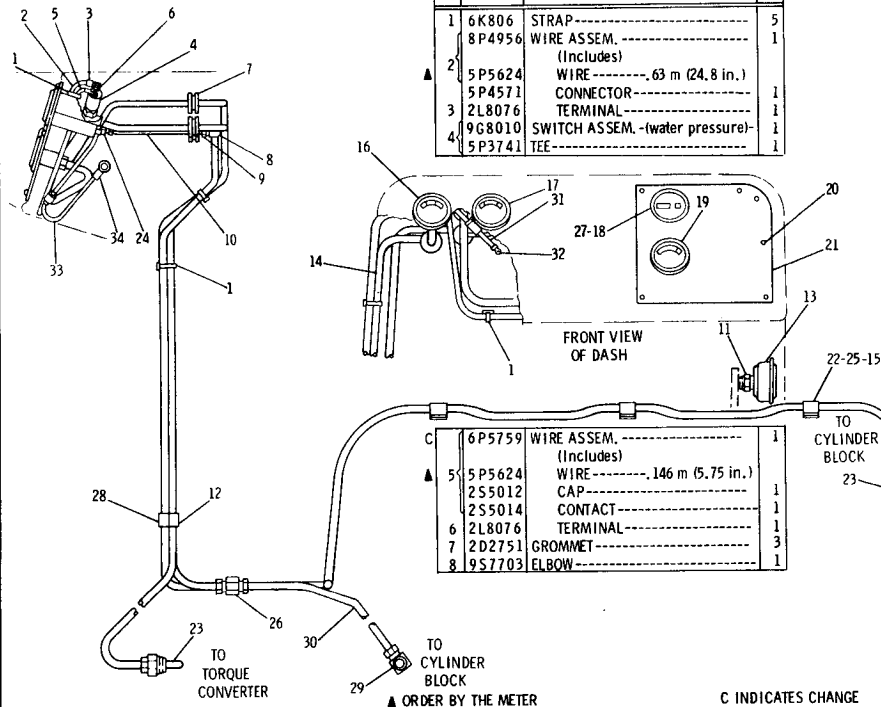
▲ ORDER BY THE METER

174551

7N8292 FUSE HOLDER, FUSE AND WIRE KIT — Field Installation

Provides protection from overload failure of 6N5906 Hour Meter without sealed vent holes. Those hour meters with vent holes have a white dash mark under two central figures

9G5883 ENGINE GAUGE GROUP
Serial No. 6X1115 to 6X1178 inclusive

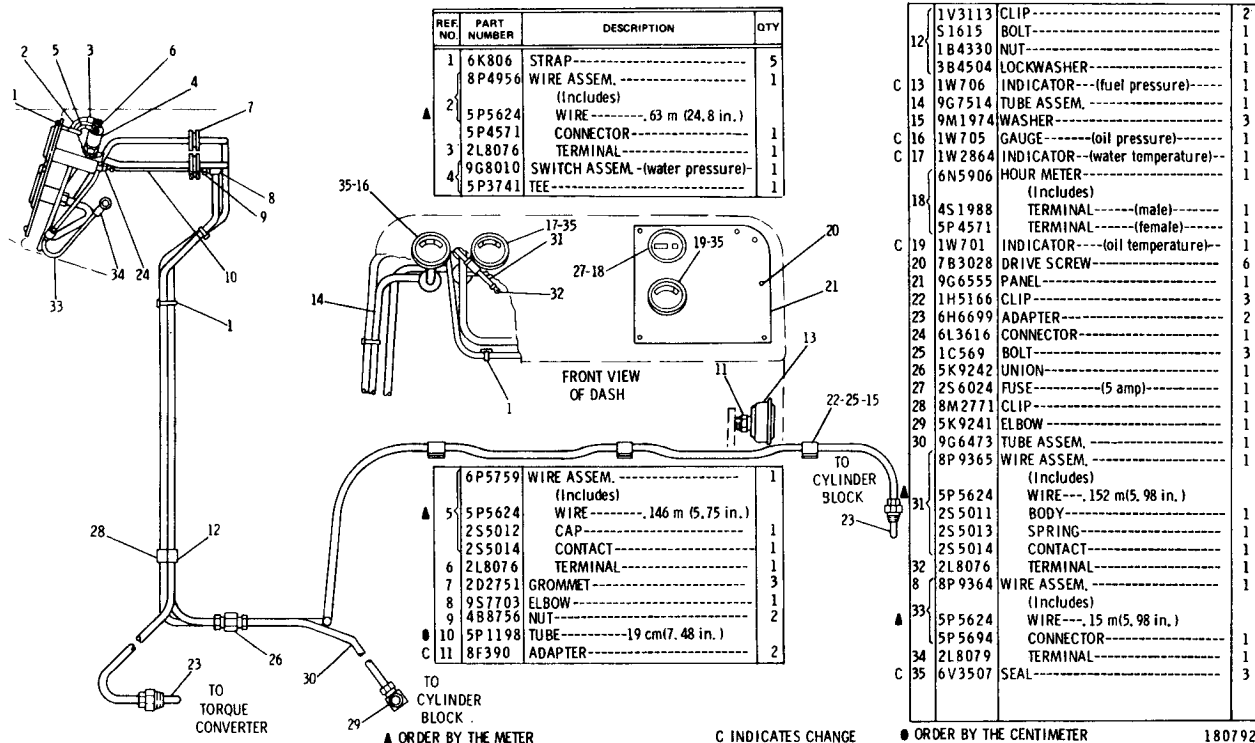


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K806	STRAP	5
2	8P4956	WIRE ASSEM. (Includes)	1
3	5P5624	WIRE-----, 63 m (24.8 in.)	1
4	5P4571	CONNECTOR	1
5	2L8076	TERMINAL	1
6	9G8010	SWITCH ASSEM. (water pressure)	1
7	5P3741	TEE	1

C	6P5759	WIRE ASSEM. (Includes)	1
5	5P5624	WIRE-----, 146 m (5.75 in.)	1
6	2S5012	CAP	1
7	2S5014	CONTACT	1
8	2L8076	TERMINAL	1
9	2D2751	GROMMET	3
10	9S7703	ELBOW	1

9	4B8756	NUT-----	2
10	5P1198	TUBE-----19 cm (7.48 in.)	1
11	6K6967	ADAPTER	1
12	1V3113	CLIP	2
13	5I615	BOLT	1
14	1B4330	NUT	1
15	3B4504	LOCKWASHER	1
16	8N7813	INDICATOR---(fuel pressure)---	1
17	9G7514	TUBE ASSEM.	1
18	9M1974	WASHER	3
19	5M1065	GAUGE----- (oil pressure)---	1
20	3S4824	INDICATOR---(water temperature)---	1
21	6N5906	HOUR METER	1
22	4S1988	(Includes) TERMINAL----- (male)---	1
23	5P4571	TERMINAL----- (female)---	1
24	1P5486	INDICATOR---(oil temperature)---	1
25	7B3028	DRIVE SCREW	6
26	9G655	PANEL	1
27	1H5166	CLIP	3
28	6H6699	ADAPTER	2
29	6L3616	CONNECTOR	1
30	1C569	BOLT	3
31	5K9242	UNION	1
32	2S6024	FUSE----- (5 amp)---	1
33	8M2771	CLIP	1
34	5K9241	ELBOW	1
35	9G6473	TUBE ASSEM.	1
36	8P9365	WIRE ASSEM. (Includes)	1
37	5P5624	WIRE-----, 152 m (5.98 in.)	1
38	2S5011	BODY	1
39	2S5013	SPRING	1
40	2S5014	CONTACT	1
41	2L8076	TERMINAL	1
42	8P9364	WIRE ASSEM. (Includes)	1
43	5P5624	WIRE-----, 15 m (5.98 in.)	1
44	5P5694	CONNECTOR	1
45	2L8079	TERMINAL	1

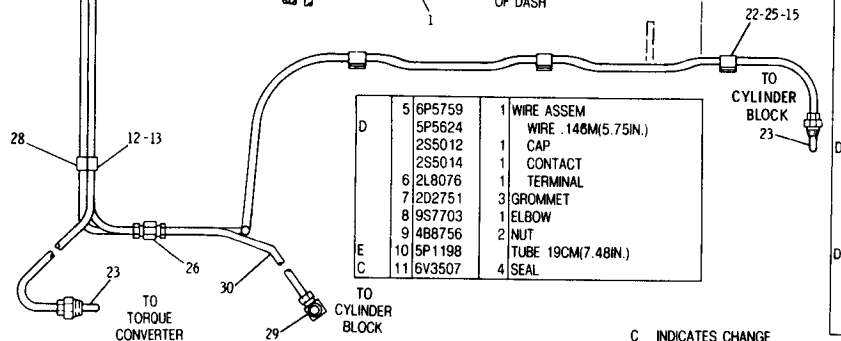
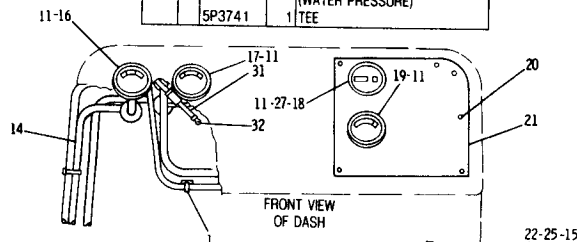
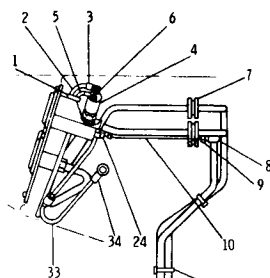
● ORDER BY THE CENTIMETER 229680



9G5883 GAUGE GROUP
Serial No. 6X1179 to 6X1491 inclusive

180792

9G5883 GAUGE GROUP
Serial No. 6X1492—Up



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
D	1	6K806	5	STRAP
	2	8P4956	1	WIRE ASSEM.
	5P5624			WIRE .63M(24.8IN.)
	5P4571	1	CONNECTOR	
	3	2L8076	1	TERMINAL
	4	9G8010	1	SWITCH ASSEM.
				(WATER PRESSURE)
		5P3741	1	TEE

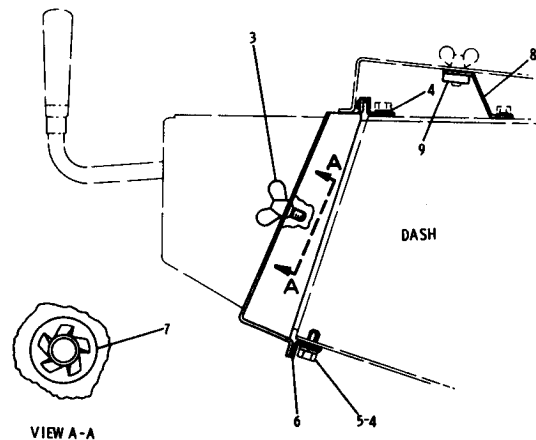
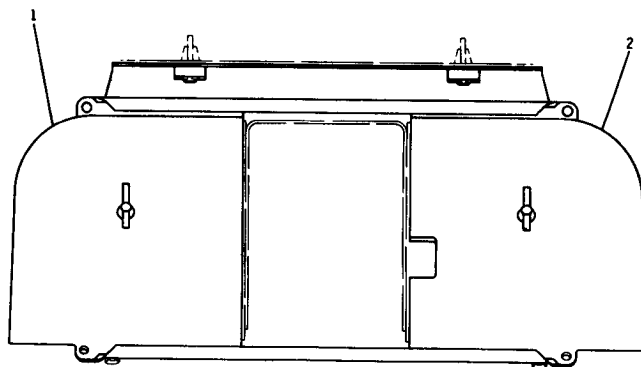
D	5	6P5759	1	WIRE ASSEM
		5P5624		WIRE .146M(5.75IN.)
		2S5012	1	CAP
		2S5014	1	CONTACT
	6	2L8076	1	TERMINAL
	7	2D2751	3	GROMMET
	8	9S7703	1	ELBOW
	9	4B8756	2	NUT
	10	5P1198		TUBE 19CM(7.48IN.)
E	11	6V3507	4	SEAL

C	12	1V3113	2	CLIP
	13	51615	1	BOLT
		1B4330	1	NUT
		3B4504	1	LOCKWASHER
	14	9G7514	1	TUBE ASSEM.
	15	9M1974	3	WASHER
	16	1W705	1	GAUGE (OIL PRESSURE)
	17	1W2864	1	INDICATOR
				(WATER TEMPERATURE)
	18	3T8323	1	HOUR METER
		4S1988	1	TERMINAL (MALE)
		5P4571	1	TERMINAL (FEMALE)
	19	1W701	1	INDICATOR
				(OIL TEMPERATURE)
	20	7B3028	6	DRIVE SCREW
	21	9G6555	1	PANEL
	22	1H5166	3	CLIP
	23	6H6699	2	ADAPTER
	24	6L3616	1	CONNECTOR
	25	1C569	3	BOLT
	26	5K9242	1	UNION
	27	2S6024	1	FUSE (5 AMP)
	28	8M2771	1	CLIP
	29	5K9241	1	ELBOW
	30	9G6473	1	TUBE ASSEM.
	31	8P9365	1	WIRE ASSEM.
		5P5624		WIRE .152M(5.98IN.)
		2S5011	1	BODY
		2S5013	1	SPRING
		2S5014	1	CONTACT
	32	2L8076	1	TERMINAL
	33	8P9364	1	WIRE ASSEM.
		5P5624		WIRE .15M(5.98IN.)
		5P5694	1	CONNECTOR
	34	2L8079	1	TERMINAL
		SEES5449	1	FORM (INSTALLATION OF HOUR METER)

C INDICATES CHANGE
D ORDER BY THE METER

E ORDER BY THE CENTIMETER

307645



VIEW A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P 8223	COVER ASSEM. -----	1
2	8P 9285	COVER ASSEM. -----	1
3	4K 487	BOLT -----	2
4	4B 4278	WASHER -----	4
5	S 509	BOLT -----	2
6	3B 4506	LOCKWASHER -----	2
	8P 9284	GUIDE -----	2

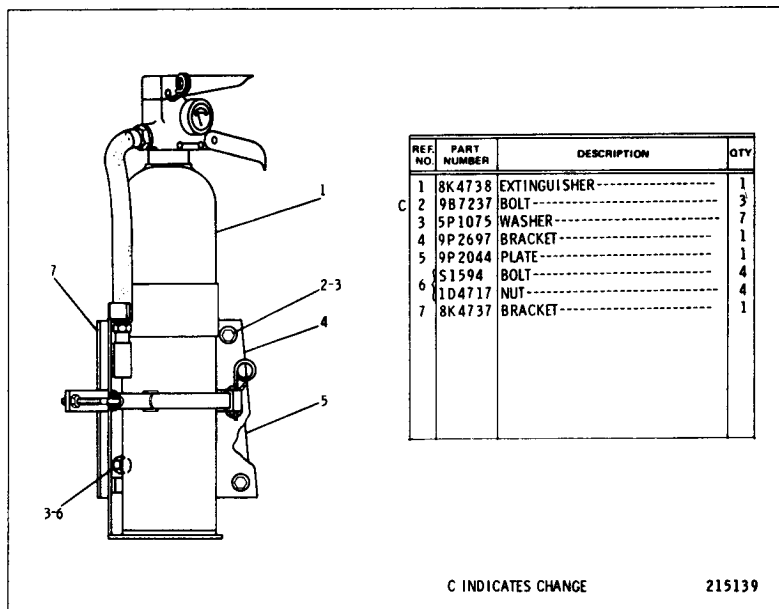
● NOT PART OF 9G8848 VANDALISM GUARD GROUP

7	5P 6883	RETAINER -----	2
8	9P 3782	BRACKET ASSEM. -----	1
		(Includes)	
9	6S 3829	LUG -----	2
	5P 8502	PADLOCK GROUP -----	2
		(Each Includes)	
	5P 5000	KEY -----	2

▲ NOT SHOWN

226983

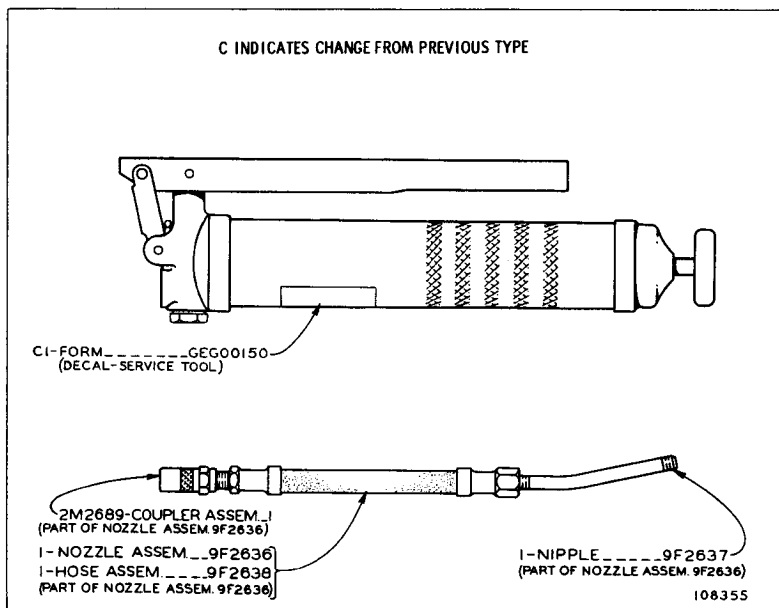
9G8848 VANDALISM GUARD GROUP
AN ATTACHMENT



8P6869 FIRE EXTINGUISHER GROUP

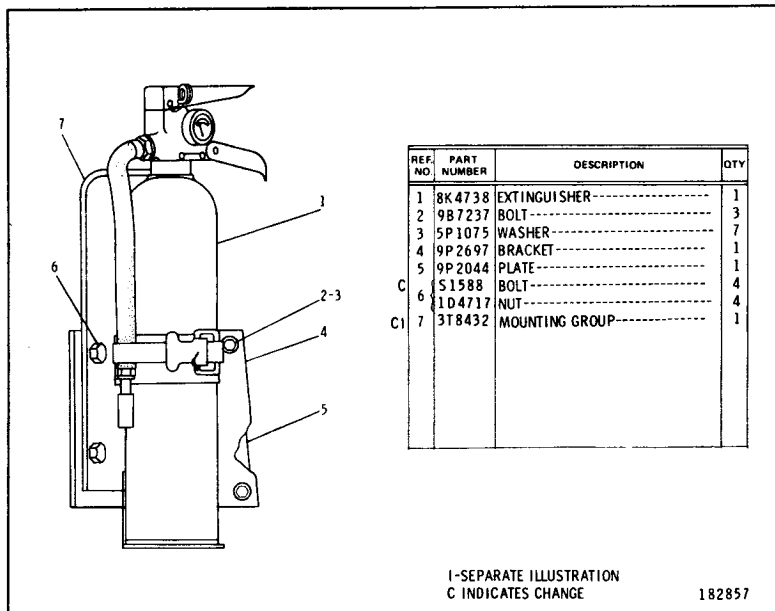
Note: 8K4738 Extinguisher must be procured locally
AN ATTACHMENT

C INDICATES CHANGE FROM PREVIOUS TYPE

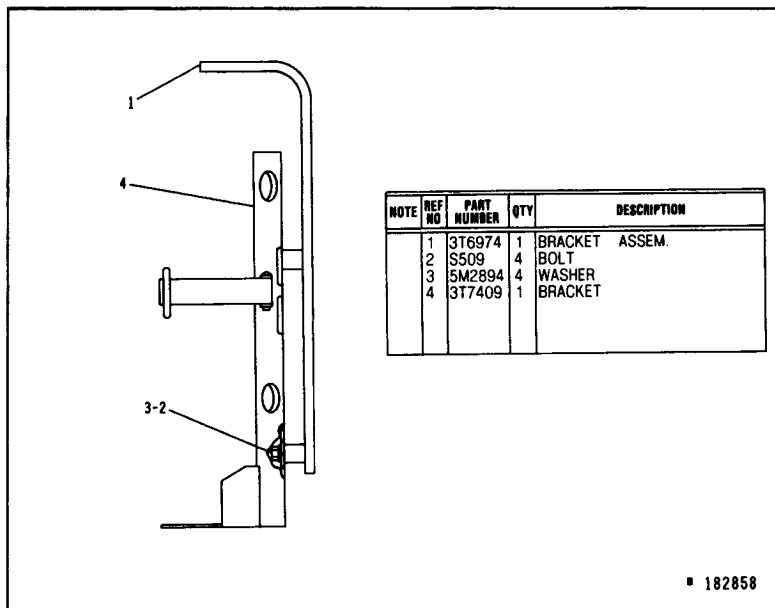


8F9866 GREASE GUN

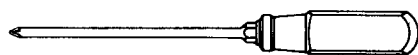
Part of 9S7977 Hand Tool Group shown on Page 262



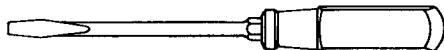
8P6869 FIRE EXTINGUISHER GROUP—Type 2
3T8432 Extinguisher parts are shown on Page 261B



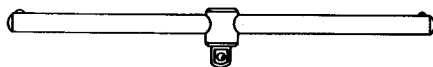
3T8432 FIRE EXTINGUISHER MOUNTING GROUP
Part of 8P6869 Fire Extinguisher Group shown on Page 261B



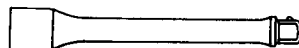
9S1738 SCREWDRIVER
NO. 2 PHILLIPS



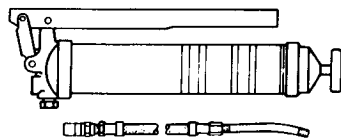
1F1157 SCREWDRIVER



5S9566 WRENCH



5S9567 EXTENSION



8F9866 GREASE GUN (Lever)
(See Separate Illustration)



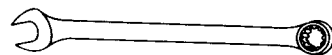
2P8250 STRAP WRENCH ASSEM.



5S9569 SOCKET



5S9568 SOCKET



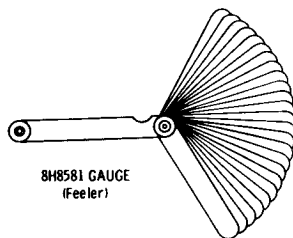
- 8H8503 WRENCH (5/16" Opening)
8H8505 WRENCH (3/8" Opening)
8H8513 WRENCH (7/8" Opening)
8H8508 WRENCH (9/16" Opening)
8H8509 WRENCH (5/8" Opening)
8H8511 WRENCH (3/4" Opening)
8H8515 WRENCH (1" Opening)



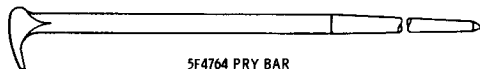
C 5P1763 SOCKET



- 8H8549 SOCKET (9/16" Opening)
8H8554 SOCKET (7/8" Opening)
8H8555 SOCKET (15/16" Opening)
8H8556 SOCKET (1" Opening)
9S1730 SOCKET (11/8" Opening)



8H8581 GAUGE
(Feeler)



5F4764 PRY BAR

C INDICATES CHANGE

201200

9S7977 HAND TOOL GROUP
8F9866 Grease Gun parts are shown on Page 261

ENGINE GASKET KITS

6V2971	VALVE GRINDING
6V1752	CENTRAL AND LOWER STRUCTURE
5P8768	SINGLE CYLINDER LINER
6V2912	FRONT STRUCTURE
6V2921	REAR STRUCTURE
5P9898	WATER PUMP
6V900	TURBOCHARGER INSTALLATION
6V3727	OIL COOLER AND LINES
5P9461	FUEL SYSTEM

OTHER GASKET KITS

6V8039	TORQUE CONVERTER
6V8037	TRANSMISSION
6V1142	PLANETARY
6V8038	HYDRAULIC CONTROL
6V1147	TRANSFER GEAR
6V8040	POWER TRAIN OIL LINES

CATERPILLAR D6D LGP TRACTOR

QUANTITY USED	PART NUMBER	DESCRIPTION
1	5H8450	PLATE--SERIAL NUMBER (TRACTOR) ON REAR FACE OF BEVEL GEAR & STEERING CLUTCH CASE
1	8M3494	PLATE--SERIAL NUMBER (HYDRAULIC) EXTREME L.H. SIDE AT TOP OF TANK ASSEMBLY
1	3N3790	PLATE--SERIAL NUMBER (ENGINE) ON UPPER REAR L.H. SIDE OF CYLINDER BLOCK
1	5P4020	PLATE--SERIAL NUMBER (BULLDOZER) UPPER R.H. CORNER OF BLADE
1	5P8197	PLATE--WARNING VERTICAL SURFACE ADJACENT TO PARKING BRAKE LEVER
1	6V527	PLATE--SERIAL NUMBER (WINCH) L.H. SIDE OF WINCH--FORWARD EDGE
1	6V1720	PLATE--SERIAL NUMBER (TRANSMISSION) ON TRANSMISSION
1	6V1721	PLATE--SERIAL NUMBER (MASTER) ON OPERATOR'S COMPARTMENT ON LOWER R.H. DASH PLATE
1	5P6807	FILM--LUBRICATION VERTICAL SURFACE ON R.H. CONSOLE
1	5P9673	FILM--PARKING BRAKE VERTICAL SURFACE ADJACENT TO PARKING BRAKE LEVER
12	4B4158	DRIVE SCREW
1	5P6371	TRANSFER GROUP CONSISTING OF:
1	8S5496	FILM--CATERPILLAR ON TOP OF RADIATOR GUARD
2	1P9878	FILM--CAT ON EACH SIDE OF HOOD
1	8S8958	FILM--CATERPILLAR ON BACK OF FUEL TANK
2	8S3923	FILM--CORPORATE SYMBOL ON EACH SIDE OF FUEL TANK GUARD
2	5P6382	FILM--D6D ON EACH SIDE OF FUEL TANK GUARD
1	6H6000	FILM--WARNING ON DASH
1	5P8517	FILM--CAUTION FRONT TOP OF R.H. CONSOLE
1	8S3696	FILM--STARTING ON DASH

NAME PLATES AND FILMS

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 Dishes
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.

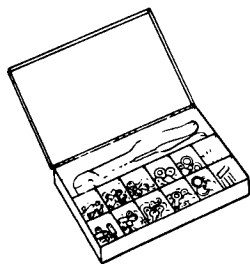
5/16	7.94	13 ± 2	20 ± 3
3/8	9.53	24 ± 2	35 ± 3
7/16	11.11	39 ± 2	50 ± 3
1/2	12.70	60 ± 3	80 ± 4
5/8	15.88	118 ± 4	160 ± 6

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

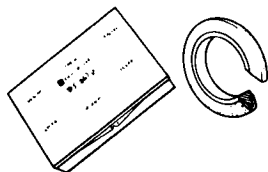
(Insulated)

(Includes terminals, wire joints and crimping tool)

9S3138 SEAL KIT

(Includes 28 metal-backed seals)

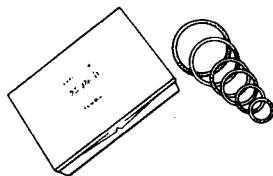
Qty.	Nominal Size	Part No.
2	1/2 inch (1,27 cm)	5J1583
6	3/4 inch (1,905 cm)	6J3575
6	1 inch (2,54 cm)	6J3600
6	1 1/4 inch (3,175 cm)	6J3625
4	1 1/2 inch (3,81 cm)	6J3650
4	2 inches (5,08 cm)	6J3800



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)

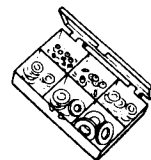
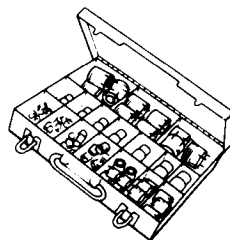
Coarse	Fine	Size
9S3700	9S3500	Assorted

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



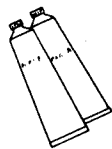
HARDWARE ASSORTMENT KITS

8S7198 Coarse Thread Hex Nut
8S7197 Fine Thread Hex Nut
8S7196 Lockwasher Assortment
8S7195 Flatwasher Assortment
8S7193 Woodruff Key Assortment



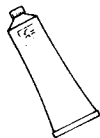
GASKET CEMENT

5H2471 8 oz. (227 g)



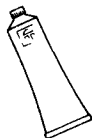
EPOXY CEMENT

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)



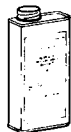
SEALING COMPOUND

5S1454 1 pint (0.473 L)



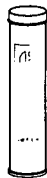
GREASE - SILICONE

4L7464 8 oz. (227 g)



SILICONE FLUID

8M553 145 cc.
9M5165 150 cc.



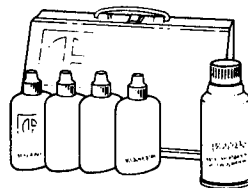
GREASE GUN CARTRIDGE

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



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

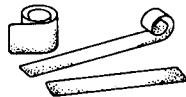


ELECTRICAL TAPE

1P810 (plastic) 2 3/4" (20mm) width
66 ft. (20m) length
9B4287 (cloth) 3 1/4" (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					A		Part No.
Inches	mm	Number	Type	Thread Size-Threads Per Inch	Head Inches	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	II	1 Std. Pipe Thd.	13/16 Sq.	1 7/16	36,6			2H3864
1.000	25,4	2D3406	II	1 1/4 Std. Pipe Thd.	15/16 Sq.	1 11/16	42,9			2H3863
1.250	31,8	4S6336	II	1 1/4 Std. Pipe Thd.	15/16 Sq.	1 3/8	35,0			7H3664
1.375	34,9	4F8711	III	3/4 - 14 Pipe Thd., Fine	1/2 Sq.	1 3/16	30,2			5D1894
1.500	38,1	3L1979	III	1 - 11 1/2 Pipe Thd., Fine	1/2 Sq.	1 5/16	33,4			2K744
2.000	50,8	1L6377	III	1 1/4 - 11 1/2 Pipe Thd., Fine	3/4 Sq.	13/16	20,6			5S4017
2.250	57,2	7M3248	III	2 - 12	3/4 Sq.	1 11/16	42,9			8B6599
2.500	63,5	3L8852								
3.000	76,2	1L6366								

MEMORANDA

SPECIFICATIONS

(SUBJECT TO CHANGE WITHOUT NOTICE)

Weight, shipping (approximate):

D6D LGP Tractor (with open ROPS)	14 500 kg	(31,925 lbs.)
6S LGP Bulldozer (equipped for use with hydraulic control) . . .	2 110 kg	(4,650 lbs.)
Winch (Standard and Low Speed)	1 000 kg	(2,200 lbs.)

Hydraulic Controls:

	empty	w/oil
Tank & Valve:		
Single Valve	95 kg (202 lbs.)	130 kg (290 lbs.)
Double Valve	115 kg (253 lbs.)	150 kg (334 lbs.)
Triple Valve	115 kg (253 lbs.)	150 kg (334 lbs.)
3rd Valve	20 kg (47 lbs.)	—
Pump	10 kg (24 lbs.)	—

DIMENSIONS

Length:

D6D LGP Tractor (without bulldozer, winch, hydraulic control)	3 940 mm	(12' 11.2")
--	----------	-------------

Height:

D6D LGP Tractor	3 060 mm	(10 1/2")
6S LGP Bulldozer Blade	1 030 mm	(40.6")

Width:

D6D LGP Tractor:		
without blade	3 025 mm	(9' 11")
with blade	3 710 mm	(12' 2")
Gauge (center to center tracks)	2 110 mm	(83")
Ground Clearance	310 mm	(12 1/4")

Winch Line Speed (meter/feet per minute):

Bare Drum:		
Standard Speed	29.6 m	(97')
Low Speed	18.3 m	(60')

Full Drum:

Standard Speed	50.3 m	(165')
Low Speed	39.3 m	(129')

Cable Size 19 mm (3/4")

Drum Capacity (19 mm (3/4") Cable):

Standard Speed	99.4 m	(326')
Low Speed	119.5 m	(392')

REFILL CAPACITIES (Approximate)

COMPARTMENT OR SYSTEM	U.S. MEASURE	METRIC MEASURE	IMPERIAL MEASURE
Engine Crankcase	7.25 gal.	27.50 ltr	6 gal.
Transmission*, Bevel and Steering Clutches	24 gal	92 ltr.	20 gal.
Final Drives (each) 3X, 4X, 5X	5 gal	19 ltr	4.25 gal
6X	5.3 gal	20 ltr.	4.41 gal.
Hydraulic System	11 gal	41.75 ltr.	9.25 gal.
Cooling System	10.25 gal	38.75 ltr.	8.50 gal.
Fuel Tank	78 gal	295.25 ltr	65 gal.
Winch	12.5 gal	47.3 ltr.	10.4 gal.

SERIAL NUMBER PLATE LOCATION

MASTER PLATE — In operator's compartment on lower R. H. dash plate.

TRACTOR PLATE — On rear face of bevel gear and steering clutch case.

ENGINE PLATE — On upper rear L. H. side of cylinder block.

TRANSMISSION PLATE — On transmission.

BULLDOZER PLATE — Upper R. H. corner of blade.

HYDRAULIC PLATE — Extreme L. H. side at top of tank assembly.

WINCH PLATE — L. H. side of winch — forward edge.

CARACTÉRISTIQUES

(PEUVENT ÊTRE MODIFIÉES SANS PRÉAVIS)

Poids (approx.), en ordre d'expédition :

Tracteur D6D à basse pression au sol
(avec bâti de protection ROPS ouvert) 14 500 kg

Bulldozer 6S à basse pression au sol
(pour utilisation avec commande hydraulique) 2 110 kg

Treuil (vitesses standard et petite) 1 000 kg

Commandes hydrauliques : A vide Avec huile

Réservoir et distributeur :

Un distributeur 95 kg 130 kg

Deux distributeurs 115 kg 150 kg

Trois distributeurs 115 kg 150 kg

Troisième distributeur 20 kg —

Pompe 10 kg —

DIMENSIONS

Longueur :

Tracteur D6D
(sans bulldozer, treuil, commande hydraulique) 3 940 mm

Hauteur :

Tracteur D6D à basse pression au sol 3 060 mm

Bulldozer 6S à basse pression au sol (lame) 1 030 mm

Largeur :

Tracteur D6D à basse pression au sol :

Sans lame 3 025 mm

Avec lame 3 230 mm

Voie (entre centres des chaînes) 2 110 mm

Garde au sol 310 mm

Vitesse linéaire (câble de treuil) :

Tambour vide :

Vitesse standard 29,6 m/mn

Petite vitesse 18,9 m/mn

Tambour plein :

Vitesse standard 50,3 m/mn

Petite vitesse 39,3 m/mn

Diamètre du câble 19 mm

Capacité de tambour (câble d'un diamètre de 19 mm) :

Vitesse standard 99,4 m

Petite vitesse 119,5 m

MARQUAGE DU NUMÉRO DE SÉRIE

PLAQUE PRINCIPALE — Sur la tôle inférieure droite de tablier dans le poste de conduite.

TRACTEUR — Sur la face arrière du bâti AR renfermant les embrayages de direction.

MOTEUR — Sur le côté supérieur gauche arrière du bloc-cylindres.

TRANSMISSION — Sur la transmission.

BULLDOZER — Au coin supérieur droit de lame.

COMMANDE HYDRAULIQUE — Sur le côté supérieur gauche du réservoir.

TREUIL — Sur le côté gauche du treuil, en avant.

ESPECIFICACIONES

(SUJETAS A CAMBIO SIN PREVIO AVISO)

Peso de embarque aproximado

Tractor D6D B.P.S. (Baja Presión sobre el Suelo) (con ROPS abierta)	14 500 kg
Hoja Empujadora 6S B.P.S. (equipado, para utilizarse con el control hidráulico)	2110 kg
Malacate (con velocidad baja y estándar)	1000 kg

Controles Hidráulicos:

Tanque y válvula:	Vacío	Con aceite
De una válvula	90 kg	130 kg
De dos válvulas	115 kg	150 kg
De tres válvulas	115 kg	150 kg
Tercera válvula	20 kg	—
Bomba	10 kg	—

DIMENSIONES

Longitud:

Tractor D6D (sin hoja empujadora, malacate, control hidráulico) 3940 mm

Alto:

Tractor D6D B.P.S. 3060 mm

Hoja empujadora 6S B.P.S. 1030 mm

Ancho de la hoja empujadora D6D (B.P.S.):

Sin la hoja 3025 mm

Con la hoja 3710 mm

Entervía (cadenas de centro a centro) 2110 mm

Despeje del suelo 310 mm

Velocidad de los cables del malacate

Tambor desnudo:

Velocidad estándar 29,6 m

Velocidad baja 18,13 m

Tambor lleno:

Velocidad estándar 50,3 m

Velocidad baja 39,3 m

Tamaño del cable 19 mm

Capacidad del tambor:

Velocidad estándar 99,4 m

Velocidad baja 119,5 m

UBICACION DE LAS PLACAS CON EL NUMERO DE SERIE DE LA MAQUINA

Placa Maestra — En el compartimiento del operador en el lado derecho inferior de la placa del tablero.

Placa del Tractor — En la cara trasera de la corona y la caja del embrague de dirección.

Placa del Motor — En el lado izquierdo de la parte trasera superior del bloque del motor.

Placa de la Transmisión — En la transmisión

Placa de la Hoja Empujadora — En la esquina del lado derecho superior de la hoja.

Placa del Sistema Hidráulico — En el lado izquierdo extremo, encima del tanque.

Placa del Malacate — En el lado izquierdo de la hoja del malacate.

ESPECIFICAÇÕES

(SUJEITAS A ALTERAÇÕES SEM AVISO PRÉVIO)

Peso de embarque (aproximado):		
Trator (com estrutura ROPS aberta)		14 500 kg
Lâmina 6S (para uso com comando hidráulico)		2 110 kg
Guincho (velocidade normal e lento)		1 000 kg
Comando hidráulico:		
Reservatório e válvula:	Vazio	Cheio
Para uma só válvula	90 kg	130 kg
Para duas válvulas	115 kg	150 kg
Para três válvulas	115 kg	150 kg
Terceira válvula	20 kg	—
Bomba	10 kg	—

DIMENSÕES

Comprimento:	
Máquina (sem lâmina, guincho, comando hidráulico)	3 940 mm
Altura:	
Máquina	3 060 mm
Lâmina 6S	1 030 mm
Largura:	
Máquina (sem lâmina)	3 025 mm
Máquina (com lâmina)	3 710 mm
Bitola (centro a centro das esteiras)	2 110 mm
Altura livre por baixo	310 mm
Velocidade do cabo (metros por minuto):	
Tambor vazio:	
Velocidade normal	29,6 m
Velocidade lento	18,3 m
Tambor cheio:	
Velocidade normal	50,3 m
Velocidade lento	39,3 m
Diâmetro do cabo	19 mm
Capacidade do tambor (cabo de 19 mm):	
Velocidade normal	99,4 m
Velocidade lento	119,5 m

SITUAÇÃO DAS PLACAS COM OS NÚMEROS DE SÉRIE

PRINCIPAL: no lado direito inferior do painel de instrumentos..

MÁQUINA: atrás da caixa da coroa e embreagem de direção.

MOTOR: no lado esquerdo superior do bloco do motor.

TRANSMISSÃO: na caixa de mudanças.

LÂMINA: no lado direito superior do lâmina.

COMANDO HIDRÁULICO: no lado esquerdo superior do reservatório hidráulico.

GUINCHO: no lado esquerdo do guincho, na frente.

TECHNISCHE DATEN

(UNVERBINDLICH, ÄNDERUNGEN VORBEHALTEN)

Versandgewicht, etwa:

Kettendozer D6D (Moorausführung) (mit Überroll-Schutzdach) 14 500 kg

Schwenschild 6S (für Moorausführung)
(ausgerüstet für Hydrauliksteuerung) 2 110 kg

Seilwinde (Normal- und Kriechgang) 1 000 kg

Hydrauliksteuerung:

Tank und Ventil:	leer	voll
Einzelventil	90 kg	130 kg
Doppelventil	115 kg	150 kg
Drillingsventil	115 kg	150 kg
Drittes Ventil	20 kg	—
Pumpe	10 kg	—

ABMESSUNGEN

Länge:

Kettendozer D6D (Moorausführung)
(ohne Planierschild, Seilwinde, Hydrauliksteuerung) 3 940 mm

Höhe:

Kettendozer D6D (Moorausführung) 3 060 mm

Schwenschild 6S 1 030 mm

Breite:

Kettendozer D6D (Moorausführung):
ohne Schild 3 025 mm
mit Schild 3 710 mm

Spurweite 2 110 mm

Bodenfreiheit 310 mm

Seilgeschwindigkeit (m/min):

Leere Trommel:
Normalgang 29,6 m
Kriechgang 18,3 m

Volle Trommel:
Normalgang 50,3 m
Kriechgang 39,3 m

Seilstärke 19 mm

Fassungsvermögen der Seiltrommel (19 mm (3/4") Seil):

Normalgang 99,4 m
Kriechgang 119,5 m

LAGE DER SERIENNUMMERNSCHILDER

SAMMELSCHILD — Unten rechts am Armaturen Brett im Fahrerhaus.

MASCHINE — Rückwärts am Tellerrad- und Lenkkupplungsgehäuse.

MOTOR — Oben links rückwärts am Motorblock.

GETRIEBE — Am Getriebegehäuse.

PLANIERSCHILD — Oben rechts an der Schildrückseite.

HYDRAULIK — Ganz links an der Tankoberseite.

SEILWINDE — Links vorne am Windengehäuse.