

Parts Book

LIFT TRUCKS

G20S-2, G25S-2, G30S-2

EM009 - 00001~ 01278

EM010 - 00001~ 02497

EM011 - 00001~ 00948

EM012 - 00001~ 09723

MAST (TYPE 1 : FIG.12.23~FIG.13.38
G5 TYPE : FIG.15.01~FIG.16.21)

FOREWORD

ENGLISH

1.APPLICATION

This parts book lists all serviceable parts for Daewoo lift trucks model G20S-2, G25S-2, G30S-2 and includes chassis, mast, attachment and optional accessories.

2.LIFT TRUCK IDENTIFICATION

Lift trucks are identified with model names and serial numbers which are shown on the identification plate mounted on a prominent position (cowl or top cover) of the truck. If the identification plate has been removed, or if the model name or serial number stamped on the identification plate is illegible, then please refer to the decal on the top cover for the model name and to the serial number stamped on the frame.

Daewoo dealers or parts depot need this information to determine which components were included on the machine when it was assembled at the factory.

3.HOW TO ORDER PARTS

When ordering parts, your order should specify the model name, the serial number of the machine, the quantity, part number and part name of the parts which are needed.

If in doubt about the part number, please provide your dealer with a complete description of the needed item.

4.HOW TO USE THE PARTS BOOK

Daewoo parts books include illustrations of the groups or assemblies which make up the machine.

These illustrations show the standard components and attachments for each machine.

The caption under each illustration identifies the part number and name of the group or assembly shown.

Captions provide an additional information if any.

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

5.UNNOTICED REVISION OF TRUCK

Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this parts book.

6.ABBREVIATIONS

O.D. Outside diameter

I.D Inside diameter

A Not part of this group

B Use as required

C Indicates change

D Order by meter

E Order by centimeter

F Not shown

G Order by inch

I See hose fabrication guide

K See mast arrangement

M Metric part

R Remfg part may be available

X Major component exchange

Y Separate Illustration

Z Not serviced separately

INTRODUCTION

FRENCH

1.UTILISATION

Ce livre contient toutes les pièces de rechange des chariots DAEWOO type G20S-2, G25S-2 et G30S-2. Il inclut le châssis, le mât, les composants et les accessoires.

2.IDENTIFICATION DU CHARIOT

Les chariots sont identifiés par le modèle et le numéro de série. Ces informations se trouvent sur la plaque d'identification située à l'avant du chariot. Si la plaque a été enlevée ou si elle est illisible, le type de chariot se trouve sur les autocollants situés des deux cotés du capot moteur. Le numéro de série est frappé dans le châssis.

3.COMMANDES DE PIECES DE RECHANGE

Le modèle le numéro de série, le numéro d'article et la désignation de la pièce ainsi que la quantité doivent impérativement figurer sur toute commande.

En cas de doute en ce qui concerne le numéro d'article, fournissez une description complète de la pièce à remplacer.

4.UTILISATION DU CATALOGUE PIECES DE RECHANGE

Le catalogue des pièces comporte les illustrations des différents groupes et sousensembles qui composent le chariot.

La liste qui se trouve sous ou à coté de l'illustration vous permet d'identifier le numéro de la pièce et sa désignation.

Si dans la liste une désignation d'une pièce est décalée, il s'agit d'un sousensemble disponible séparément.

5.MODIFICATIONS DU CHARIOT

Afin d'améliorer nos produits, des modifications peuvent être apportés à tout moment sans qu'elles figurent dans ce livre. En cas de doute contactez votre concessionnaire DAEWOO.

6.ABBREVIATIONS ET SYMBOLES

O.D.	Diamètre extérieur	G	Commander par Pouce
I.D.	Diamètre intérieur	I	Flexible XT
A	Ne fait pas partie de ce sous ensemble	K	Voir type de mât
B	Utiliser selon besoin	M	Pièce métrique
C	Modification	R	Pièce reconstruit
D	Commander par Mètre	X	Echange standard
E	Commander par Centimètre	Y	Illustration séparée
F	Non illustré	Z	Non-fourni séparément

VORWORT

GERMAN

1. ANWENDUNG

In diesem Ersatzteilbuch sind alle Ersatzteile für DAEWOO Gabelstapler Modelle G20S-2, G25S-2, G30S-2 aufgeführt einschliesslich der Fahrgestelle, Hubgerüste, Zubehörteile und wahlweisen Zusatzeinrichtungen.

2. GABELSTAPLER IDENTIFIZIERUNG

Gabelstapler werden durch Modellnamen und Seriennummern identifiziert, welche auf einer Plakette an einer ins Auge fallenden Stelle am Gabelstapler angebracht ist.

(Haubenverkleidung oder obere Abdeckung). Sollte das Identifikationsschild entfernt worden sein, oder sollten Modell Bezeichnung und Seriennummer auf dem Identifikationsschild unleserlich sein, prüfen Sie anhand des Abziehbildes auf der oberen Abdeckung die Modellbezeichnung und am Gestell die eingeprägte Seriennummer. DAEWOO Händler benötigen all diese Informationen, um festzustellen welche Teile bei der Montage der Maschine in der Fabrik verwendet wurden.

3. WIE WERDEN ERSATZTEILE BESTELLT

Bei der Bestellung von Ersatzteilen, geben Sie bitte die Modell Bezeichnung und die Seriennummer, so wie die Menge, Ersatzteilnummer und Bezeichnung der benötigten Ersatzteile. Sollten Sie Zweifel an der Ersatzteilnummer haben, wenden Sie sich bitte an Ihren Händler mit der vollständigen Beschreibung des benötigten Teiles.

4. WIE SOLLTE DIESES ERSATZTEILBUCH BENUTZT WERDEN

DAEWOO Ersatzteilbücher beinhalten Illustrationen der Baugruppen aus der sich die Maschine zusammensetzt. Diese Illustrationen zeigen die Standardkomponenten und Zubehörteile für jede Maschine. Unter jeder Illustration werden die Ersatzteilnummer und die Bezeichnung der Baugruppe beschrieben.

Diese schriftlichen Bezeichnungen geben Ihnen weitere Informationen. Mit jeder Illustration finden Sie eine Ersatzteilliste die jeden wartbaren Teil in der Illustration aufzeigt. Wenn eine Ersatzteilbezeichnung in dieser Liste etwas eingerückt ist, dann bedeutet dies, dass dieses wartbare Teil ein Teil des wartbaren Gegenstandes ist, unter dem es eingerückt steht.

5. ÄNDERUNGEN DER GERÄTE OHNE VORHERIGE BENACHRICHTIGUNG

Die fortlaufende Verbesserung und Verfeinerung des Designs unserer Geräte können zu Veränderungen an den Maschinen führen, die in diesem Ersatzteilbuch nicht aufgeführt sind.

6. ABKÜRZUNGEN UND SYMBOLE

O.D. Aussendurchmesser	G in Zoll-Länge bestellen
I.D. Innendurchmesser	I XT-Schlauch
A kein Teil dieser Gruppe	K Hub-gerüst Zusammenstellung
B nach Bedarf verwenden	M metrisches Teil
C Hinweis auf eine Änderung	R werküberholtes Teil eventuell lieferbar
D in Meter-Länge bestellen	X Austauschteil
E in Zentimeter-Länge bestellen	Y separate Abbildung
F nicht gezeigt	Z nicht einzeln lieferbar

INTRODUZIONE

ITALIAN

1. APPLICABILITA'

Questo catalogo elenca tutte le parti di ricambio disponibili per i carrelli elevatori Daewoo della serie G20S-2, G25S-2, G30S-2 e comprende i ricambi relativi a telaio, montante, attrezzature e accessori opzionali.

2. IDENTIFICAZIONE DEL CARRELLO ELEVATORE

I carrelli elevatori Daewoo sono identificati da un modello e un numero di serie, riportati in una targhetta montata in posizione visibile sul carrello (cruscotto o cofano). Se questa targhetta è stata rimossa, o se il modello o il numero di serie fossero illeggibili, fate riferimento all'adesivo sul cofano per il modello e al numero di serie stampigliato sul telaio.

Il magazzino ricambi dei concessionari Daewoo necessita di queste informazioni per stabilire i componenti utilizzati in sede di produzione sul vostro carrello.

3. COME ORDINARE RICAMBI

Nell'ordinare ricambi vi preghiamo di specificare il modello e il numero di serie del carrello, la quantità, il codice e la descrizione dei ricambi che sono richiesti.

In caso di dubbio circa il codice del ricambio, preghiamo voler indicare al vostro concessionario Daewoo la descrizione completa del particolare richiesto.

4. COME USARE IL CATALOGO RICAMBI

Il catalogo ricambi Daewoo comprende le illustrazioni dei gruppi che compongono la macchina. Tali illustrazioni indicano i componenti e le attrezzature di serie di ciascuna macchina. L'intestazione posta sotto ciascuna illustrazione identifica codice e descrizione del gruppo rappresentato. Le intestazioni, se necessario, forniscono ulteriori informazioni. Assieme a ogni illustrazione si trova un elenco di ricambi che identifica i particolari presenti nell'illustrazione stessa.

Quando la descrizione di un particolare è rientrata rispetto al testo, significa che tale componente è parte integrante del ricambio sotto al quale è elencato in modo rientrato.

5. MODIFICHE TECNICHE

La continua evoluzione e il miglioramento del prodotto possono determinare modifiche al carrello non comprese in questo catalogo.

6. ABBREVIAZIONI

O.D.	Diametro esterno	G	Ordinare per pollici
I.D.	Diametro interno	I	Vedi guida dei tubi flessibili
A	Non fa parte di questo gruppo	K	Vedi composizione montante
B	Utilizzare secondo necessità	M	Particolare in misure metriche
C	Indica una variazione	R	Possibile disponibilità componente revisionato
D	Ordinare a metri	X	Gruppo in Programma Scambio
E	Ordinare per centimetri	Y	Illustrato separatamente
F	Non illustrato	Z	Non fornito separatamente

PREFACIO

SPANISH

1. APLICACIÓN

Este libro de repuestos enumera todos los repuestos útiles de las carretillas elevadoras Daewoo modelos G20S-2, G25S-2, G30S-2 e incluye el chasis, el mástil así como accesorios y dispositivos opcionales.

2. IDENTIFICACIÓN DE CARRETILLAS ELEVADORAS.

Las carretillas elevadoras están identificadas por el nombre del modelo y los números de serie que se muestran en la placa de identificación montada en lugar destacado (cubierta o tapa superior) de la carretilla. Si la placa de identificación ha sido retirada o si el nombre del modelo o el número modelo o el de serie impreso en la placa de identificación es ilegible, entonces por favor hagan referencia a la pegatina en la tapa superior para obtener el nombre del modelo y número de serie impreso en el bastidor. Los distribuidores Daewoo o el almacén de repuestos necesitan toda esta información para determinar qué componentes fueron incluidos en la máquina cuando fue ensamblada en fábrica.

3. CÓMO PEDIR LOS REPUESTOS.

Al realizar un pedido de repuestos su pedido debe especificar el nombre del modelo, el número de serie de la máquina, la cantidad, la referencia del repuesto y el nombre de los repuestos solicitados. En caso de tener alguna duda acerca del número de referencia del repuesto, por favor, proporcione a su distribuidor una descripción completa del artículo que precise.

4. CÓMO UTILIZAR EL LIBRO DE REPUESTOS.

Los libros de repuestos de Daewoo incluyen ilustraciones de los grupos o conjuntos que componen la máquina. Estas ilustraciones muestran los componentes standard y los accesorios para cada máquina. La leyenda al pie de cada ilustración identifica el número de repuesto y el nombre del grupo o conjunto mostrado.

Las leyendas proveen cualquier información adicional si existiera. Dentro de cada ilustración hay una lista de repuestos identificando cada repuesto. Cuando se identifica un nombre en esta lista, esto significa que este es un artículo disponible que forma parte del conjunto que se describe.

5. REVISIÓN DE LA CARRETILLA SIN AVISO.

La mejora continua y los avances en el diseño del producto pueden ocasionar modificaciones en su máquina, las cuales podrían no estar incluidas en este libro de repuestos.

6. ABREVIATURAS Y SIMBOLOS

O.D.	Diámetro exterior	G	Se pide por pulgada
I.D.	Diámetro interior	I	Manguera XT
A	No es pieza de este grupo	K	Ver el mástil
B	Utilizado según la demanda	M	Pieza métrica
C	Indica cambio	R	Puede estar disponible como pieza remanufacturada
D	Se pide por metro	X	Puede ser posible el intercambio de Componentes Principales
E	Se pide por centímetro	Y	Ilustración separada
F	No se muestra	Z	No se suministra por separado

VOORWOORD

DUTCH

1. TOEPASSING

Dit onderdelenboek vermeldt alle uitwisselbare onderdelen voor Daewoo vorkheftrucks van model G20S-2, G25S-2, G30S-2 en omvat het chassis, de hefmast, bijbehorende apparatuur en andere opties of accessoires.

2. VORKHEFTRUCKIDENTIFICATIE

Vorkheftrucks worden geïdentificeerd d.m.v. modelaanduidingen en serienummers welke worden vermeld op het typeplaatje.

Dit typeplaatje vindt men in het algemeen op de batterijdeksel of op het schutbord. Indien het typeplaatje is verwijderd of wanneer het typeplaatje onleesbaar is geworden, raadplege men de sticker op de batterijdeksel en het ingeslagen serienummer in het chassis.

Uw Daewoo dealer of onderdelenleverancier heeft deze informatie nodig om de juiste onderdelen voor uw machine te kunnen bepalen.

3. ONDERDELEN BESTELLEN

Wanneer onderdelen besteld moeten worden, dient u het model en serienummer van de truck te vermelden alsook het onderdeelnummer, het benodigde aantal en de onderdeelomschrijving. Bij twijfel over het onderdeelnummer geeft u uw leverancier een complete omschrijving van het benodigde onderdeel.

4. GEBRUIKSAANWIJZING VOOR HET ONDERDELENBOEK

Het Daewoo onderdelenboek bevat de illustraties van de diverse bouwgroepen waaruit de machine is samengesteld. Deze illustraties tonen de standaardcomponenten en bijbehorende apparatuur voor elke machine.

Het onderschrift onder elke illustratie geeft het onderdeelnummer en de naam van de bouwgroep aan. Dit onderschrift geeft u de nodige verdere informatie.

Bij elke illustratie bevindt zich een onderdelenlijst die aangeeft welke onderdelen van de illustratie uitwisselbaar zijn. Wanneer een onderdeel in deze lijst inspringend afgedrukt is, dan betreft het een onderdeel dat deel uitmaakt van het onderdeel waaronder het in het boek staat afgebeeld.

5. NIET VOORAF VERMELDE VERANDERINGEN AAN DE TRUCK

Doorlopende verbeteringen en aanpassingen aan het produkt en ontwerp kunnen aan uw machine veranderingen tot gevolg hebben die nog niet in dit onderdelenboek zijn opgenomen.

6. AFKORTINGEN

O.D.	Buitendiameter	G	Bestel per inch
I.D.	Binnendiameter	I	Zie gids voor samenstelling van slangen
A	Niet een deel van deze groep	K	Zie hefmastsamenstelling
B	Gebruik naar behoefte	M	Metrisch onderdeel
C	Geeft een verandering aan	R	Als ruildeel mogelijk leverbaar
D	Bestel per meter	X	Ruildeel
E	Bestel per centimeter	Y	Aparte illustratie
F	Niet getoond	Z	Niet als los onderdeel leverbaar

FORORD

NORWEGIAN

1. Innhold :

Denne delekatalogen viser alle tilgjengelige reservedeler for Daewoo gaffeltrucker, modellene G20S-2, G25S-2 og G30S-2.

Katalogen viser originalmonterte deler til chassis og mast. Deler til eventuell førerhytte og annet utstye montert utenfor fabrikken, vises ikke i denne katalogen.

2. Identifikasjon av gaffeltrucken :

Gaffeltruckens modell og serienummer vises på skiltet som er plassert på lett tilgjengelig sted. Hvis dette skiltet har blitt fjernet, eller det er uleselig, vennligst se på truckens modellnavn og serienummer innslått i chassiset.

Daewoo forhandlere og delelager trenger denne informasjonen for å finne riktige reservedeler og vite hvilke komponenter som er montert på Deres truck fra fabrikken.

3. Hvordan bestille reservedeler :

Ved bestilling av deler, skal Deres bestilling vise truckens modell, serienummer, reservedelsnummer, delens navn og ønsket antall.

4. Bruk av katalogen :

Daewoo delekataloger viser illustrasjoner av grupper eller komponenter som trucken er bygd opp av. Disse illustrasjonene viser standard komponenter montert fra fabrikken.

Under hver illustrasjon vises komponentens hovednummer og navn. Det kan være flere illustrasjoner for hver hovedkomponent. Hver illustrasjon inneholder en liste over de enkelte deler som kan leveres.

I noen illustrasjoner kan navnet til en reservedel være forskjøvet noe til høyre. Dette betyr at denne delen inngår i en større enhet som er nevnt rett ovenfor den delen som er forskjøvet. Som eksempel kan nevnes at en lyspære inngår i en komplett lyskaster.

5. Fabrikkens produktutvikling :

Daewoo Heavy Industries' stadige utvikling av sine produkter kan medføre forandringer som ikke er nevnt i denne katalogen.

6. Forkortelser :

O.D.	Utvendig diameter	G	Bestilles pr tomme
I.D.	Innvendig diameter	I	Se tabell for slangelengder
A	Ikke del av denne komponent	K	Se "Mast Arrangement"
B	Bruk så mye som nødvendig	M	Metrisk del
C	Betyr endring	R	Overhalt komponent kan være tilgjengelig
D	Bestilles pr meter	X	Større endring av komponent
E	Bestilles pr centimeter	Y	Se separat illustrasjon
F	Ikke vist	Z	Leveres ikke separat

FÖRORD

SWEDISH

1.TILLÄMPNING

Denna reservdelsbok gäller för Daewoo truckar, modell G20S-2, G25S-2, G30S-2 och inkluderar : chassi, gaffelstativ, tillbehör och extra utrustning.

2.IDENTIFIERING

Truckarna identifieras genom modell och serienummer som är instansade på serienummerplåten placerad på truckens motorhuv eller över skyddsplåt. Om serienummerplåten avlägsnats eller är oläsbar, finns modellbeteckningen på en dekal på övre skyddsplåten och serienumret instansat på chassit.

Daewoos återförsäljare behöver denna information för att fastställa vilka delar som monterats på maskinen då den lämnade fabriken.

3.BESTÄLLNING AV RESERVDLAR

Vid beställning av reservdelar, skall på beställningen finnas med: modell, serienummer, antal, reservdelsnummer och reservdelsbenämning, för de delar som beställs. Om osäkerhet råder angående reservdelsnumret, beskriv så fullständigt som möjligt komponenten.

4.RESERVDELSBOKEN

I Daewoo:s reservdelsbok finns illustrationer på de grupper eller sammansatta delar av vilka maskinen är uppbyggd.

Rubriken under varje illustration visar artikelnummer på komplett enhet eller vilket gruppnummer som delarna tillhör.

Dessa illustrationer visar standardkomponenter och tillbehör för maskinen.

Illustrationerna visar också, om det finns, tilläggsinformation.

Vid varje illustration finns en reservdelslista som visar reservdelsnumret för de i illustrationen ingående reservdelarna. Då en reservdelsbenämning är indragen i texten, betyder det att denna är en del av komponenten närmast ovanför, som ej är indragen.

5.PRODUKTFÖRBÄTTRINGAR

Då det alltid pågår en kontinuerlig produktutveckling hos Daewoo kan det hända att förändringar skett på din maskin som ännu inte inkluderats i reservdelsboken.

6.FÖRKLARINGAR

O.D. Ytterdiameter

I.D. Innerdiameter

A Tillhör inter denna grupp

B Erforderligt antal/mängd

C Indikerar ändring

D Beställ per meter

E Beställ per cm

F Visas inte

G Beställ per inch

I Se slangguide

K Se stativutförande

M Metrisk detalj

R Renoverad enhet kan finnas

X Serviceenhet

Y Separat illustration

Z Ej levererad separat

FORORD

DANISH

1.APPLIKATION

Denne reservedelsbog viser alle de reservedele, der kan leveres til Daewoo gaffeltruck model G20S-2, G25S-2, G30S-2. Den indeholder chassis, mast, tilbehør og ekstra udstyr.

2.MASKIN IDENTIFIKATION

Gaffeltrucken er identificeret med et model og serienummer. Disse numre er vist på maskinens identifikationsplade, der er anbragt på en fremtræden plads på trucken, typisk på instrument panelet eller motorkappen. Hvis identifikationspladen er fjernet, eller hvis numrene der er stemplet i pladen ikke kan læses, så fremgår modelnummeret af maskinens mærkning på motorkappen og maskinen serienummer er stemplet i chassiset. Daewoo forhandleren behøver disse numre for at kunne afgøre hvilken komponenter maskinen bestod af fra fabrikken.

3.BESTILLING AF RESERVEDELE

Følgende information er nødvendige ved bestilling af reservedele :

1. Reservedelens nummer og betegnelse
2. Det ønskede antal
3. maskinens model og serie nummer

Er der tvivl om nummeret på den ønskede reservedele, så giv en udførlig beskrivelse af delen til Deres forhandler.

4.HVORDAN BENYTTES KATALOGET

Reservedelskataloget består af illustrationer af de grupper(og undergrupper) som maskinen er sammensat af. Illustrationerne viser standard komponenter og ekstraudstyr for hver maskine.

Under hver illustration identificeres gruppen ved reservedelsnummer og navn. Gruppens reservedelsnummer er reference for den komplette gruppe. I forbindelse med de enkelte illustrationer er en liste der identificere alle de reservedele der kan leveres til den enkelte gruppe. Hvis reservedelsbetegnelsen i denne liste står indrykket betyder det at delene også indgår i den reservedel der som seneste komponent stod længst til venstre.

5.FORBEHOLD FOR AENDRING AF MASKINEN

Løbende forbedringer, andre fremstillingsmetoder og ændret design kan betyder at denne bog ikke svarer nøjagtig til den oprindelige maskine.

6.FORKORTELSER

O.D.	Udvendig diameter	G	Leveres i eng tommer
I.D.	Indvendig diameter	I	Se guide for slangefabrikation
A	Ikke indeholdt i denne gruppe	K	Se mastarrangement
B	Antal efter behov	M	Metrisk del
C	Identificerer en ændring	R	Ombytningsdel er muligvis tilgængelig
D	Leveres i meter	X	Væsentlig forandring af komponent
E	Leveres i centimeter	Y	Separat illustration
F	Ikke illustreret	Z	Leveres ikke som separat reservedele, men kun som del af en gruppe.

PREFACIO

PORTUGUESE

1.AMBITO

Esta publicação pretende listar todas as peças compatíveis entre os empilhadores DAEWOO modelos G20S-2, G25S-2, G30S-2 e incluem os chassis, os mastros, os componentes e os acessórios opcionais.

2.IDENTIFICAÇÃO DOS EMPILHADORES

Os empilhadores são identificados com os nomes dos modelos e os números de série que se encontram na placa de identificação fixada na parte da frente da máquina

Se a placa de identificação tiver sido retirada, ou se o nome do modelo ou o nr. de série estiverem na placa mas ilegíveis, por favor coloque nova placa com as referências legíveis copiando-os do chassis onde estão gravadas.

Os distribuidores da DAEWOO ou os serviços de peças precisam destas informações para determinar quais os componentes que foram incluídos na máquina aquando da sua montagem na fábrica.

3.COMO EFECTUAR ENCOMENDAS DE PEÇAS

Ao efectuar uma encomenda de peças tem de ser especificado o modelo, o número de série, a quantidade, a referência e o nome das peças.

Se tiver dúvidas à cerca da referência da peça, por favor faça ao distribuidor uma descrição completa da mesma.

4.COMO UTILIZAR O MANUAL DE PEÇAS

Este Manual de peças inclui ilustrações dos grupos ou conjuntos que constituem a máquina. Estas ilustrações mostram os componentes standard e os acessórios de cada máquina.

A legenda de cada figura identifica a referência da peça e o nome do respectivo grupo ou conjunto. Esta legenda pode eventualmente conter informações adicionais, sempre que disponíveis. A cada ilustração está referida não só uma listagem de como ainda a sua localização. Quando o nome de uma peça está desalinhado na lista, significa que esse item é uma peça que faz parte do item anterior.

5.ALTERAÇÕES DA MÁQUINA

Melhoramentos continuos ou alterações no design do produto podem provocar modificações na máquina que eventualmente não estarão contempladas neste manual.

6.ABREVIATURAS

O.D.	Diametro Exterior	G	Encomendar à polegada
I.D.	Diametro Interior	I	Consultar o manual de produção de tubos
A	Não pertencente a este grupo	K	Verificar configuração do mastro
B	Utilizar sempre que necessário	M	Peça que implica medição
C	Indica a mudança (alteração)	R	Peça reconstruída eventualmente disponível
D	Encomendar a metro	X	Principal permuta de componentes
E	Encomendar a centimetro	Y	Ilustração em separado
F	Não visível	Z	Não fornecido separadamente

ESIPUHE

FINNISH

1.KÄYTTÖ

Tämä varaosakirja sisältää kaikki vaihdettavat osat Daewoo-haarukkatrukin malliin G20S-2, G25S-2, G30S-2 sekä rungon, maston ja vaihtoehtoiset laitteet.

2.TRUKIN YKSILÖINTI

Trukit on yksilöity mallimerkinnällä ja sarjanumerolla, joka on tyyppikilvessä moottoritilan kannessa tai kojelaudassa. Jos kilpi on kadonnut tai se ei ole luettavissa, näkyy trukin malli koneen kyljen merkinnästä ja sarjanumero on stanssattu koneen runkoon.

Daewoo-varaosamyyjä tarvitsee nämä tiedot voidakseen yksilöidä ne kaikki komponentit, jotka koneeseen on asennettu tehtaalla.

3.KUINKA OSIA TILATAAN

Kun tilaatte osia, tulee tilauksesta ilmetä koneen malli, sarjanumero, tilattavan osan nimi ja varaosanumero sekä tilattava määrä. Jos ette ole varma varaosanimeroista, toimittakaa varaosamyyjälle täydellinen kuvaus tarvittavasta osasta.

4.KUINKA VARAOSAKIRJAA KÄYTETÄÄN

Daewoo-varaosakirja sisältää kuvat koneen eri osaryhmistä.

Nämä kuvat sisältävät jokaisen koneen standartiosat sekä lisälaitteet.

Jokaisen kuvan alla on luettelo komponenttien ja osaryhmien varaosanimeroista ja nimistä.

Luettelossa on myös mahdollisesti tarvittavat lisätiedot.

Jokaisen kuvan alla on luettelo, joka yksilöi jokaisen varaosan kuvassa.

5.TRUKIN TUOTEKEHITYS

Jatkuva tuotekehitys saattaa aiheuttaa sen, että trukissanne on osia, joita ei esitetä tässä kirjassa.

6.LYHENTEET

O.D.	Ulkohalkaisija	G	Tilataan tuumissa
I.D.	Sisähalkaisija	I	Katso letkuohjetta
A	Osa ei kuulu tähän ryhmään	K	Katso masto
B	Käytetään tarvittaessa	M	Osa metrijärjestelmässä
C	Muuttunut	R	Vaihto-osa mahd. saatavissa
D	Tilataan metreinä	X	Vaihto-osa
E	Tilataan senttimetreinä	Y	Erillinen kuva
F	Ei näkyvissä	Z	Ei saatavissa erikseen

前言

1. 使用

本手册所列均为大宇叉车 G20S-2, G25S-2, G30S-2 车型的维修零件, 包括底盘、门架、附件和选用配件等。

2. 叉车辩识

叉车辩识牌是依据车型名称并固定于叉车的显著位置 (仪表板处或上盖)。

辩识板上所示的系列号码为辩识用, 如辩识板已被拆除或者假如车型名称或贴于辩识板上的系列号码不明显时, 则请参考烙印于上盖处的车型名称及贴于车架上的系列号码。

3. 零件如何订购

当要订购零件时, 您的订单须指定其车型, 叉车系列号码、数量、零件号码及所需零件名称。假如对有关零件号码有疑问时, 请告知您的经销商并对所需项目做完整的说明。

4. 如何使用本手册

大宇零件册包括组成该叉车各部分或总成图, 这些图纸包括标准品和附件。

在每一个图纸下标注了零件号和零件名称并提供附加信息。

每个图纸的部件清单都有各自的供给品, 在此清单中零件名是空格时, 则表明空格下面的件就是维修用零件。

5. 叉车变更的未通报

持续的改良及产品设计的进步, 可能会导致您的叉车并不包括在本手册中。

6. 缩写

O.D	外径	G	以英寸订购
I.D	内径	I	参考水管装配指导
A	不是本总称的部件	K	参考门架装置
B	按所需量使用	M	公制部分
C	表示设变	R	可交换部分部品再使用
D	以米订购	X	主要组件互换
E	以厘米订购	Y	分解图
F	未显示	Z	不单独提供

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BATTERY(12 VOLT)	D148304	59
BULB-BACK UP	S863110H(12V-10W)	72
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BULB-STOP & TAIL	S866123H(12V-23/8W)	72
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	D147672	70.1
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ELEMENT AS-SECONDARY-AIR FILTER	D141106	36
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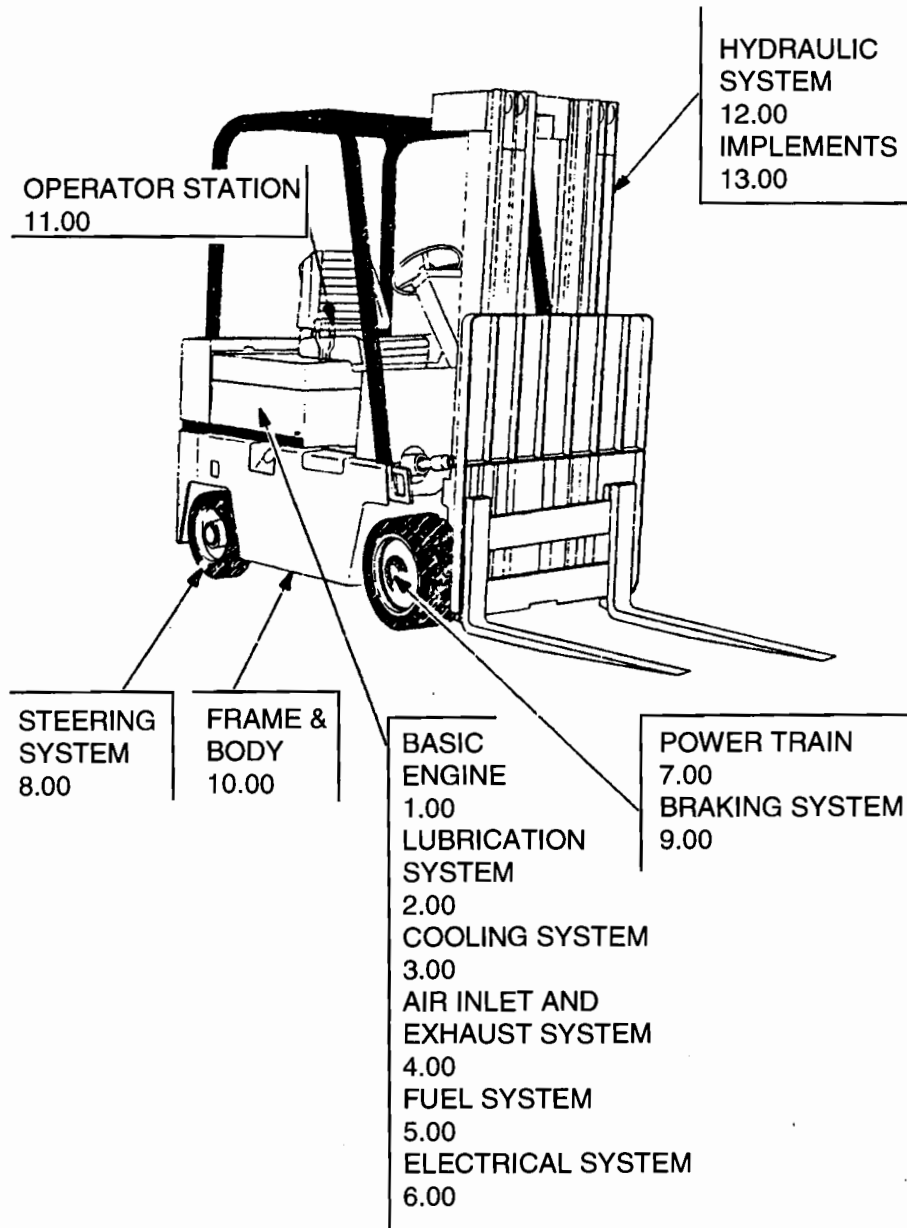
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1.01

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1.02

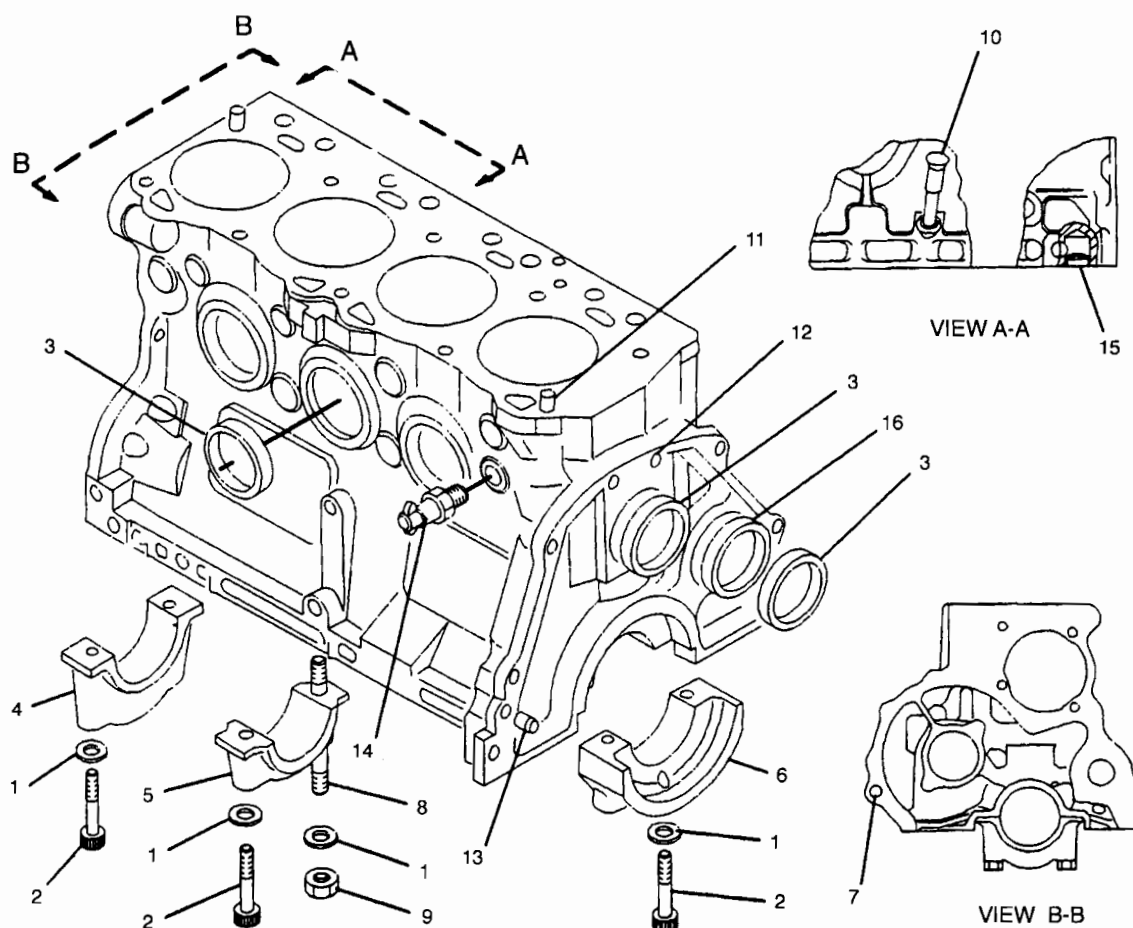
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1.03

BASIC ENGINE



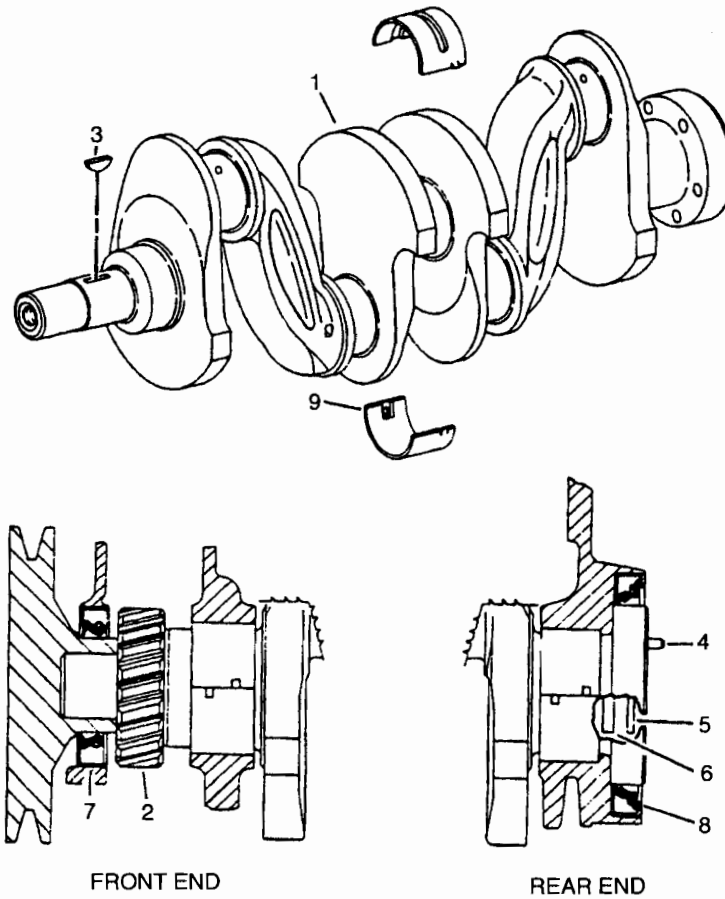
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P8244	8	WASHER					
	2	7E5308	6	BOLT					
	3	7N0485	5	PLUG-CUP					
Z	4	7N0480	1	CAP-CRANKSHAFT BEARING					
Z	5	7N0481	1	CAP-CRANKSHAFT BEARING					
Z	6	7N0482	1	CAP-CRANKSHAFT BEARING					
	7	9B1458	1	PIN					
	8	7E5793	1	STUD					
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	10	7N0311	1	TUBE-OIL LEVEL INDICATOR					
	11	7N0491	2	DOWEL					
	12	3B8601	2	SETSCREW-SOCKET					
	13	7N5683	2	DOWEL					
	14	3B9071	1	COCK-DRAIN					
	15	8F6575	1	PLUG-CUP					
J	16		3	BEARING(CAMSHAFT)					
		7N9071	1	THE FOLLOWING REPAIR KIT IS AVAILABLE: KIT-BEARING CAMSHAFT (INCL PARTS MARKED J)					

Z-NOT SERVICED SEPARATELY

6N9702 CYLINDER BLOCK GP

1.04

BASIC ENGINE

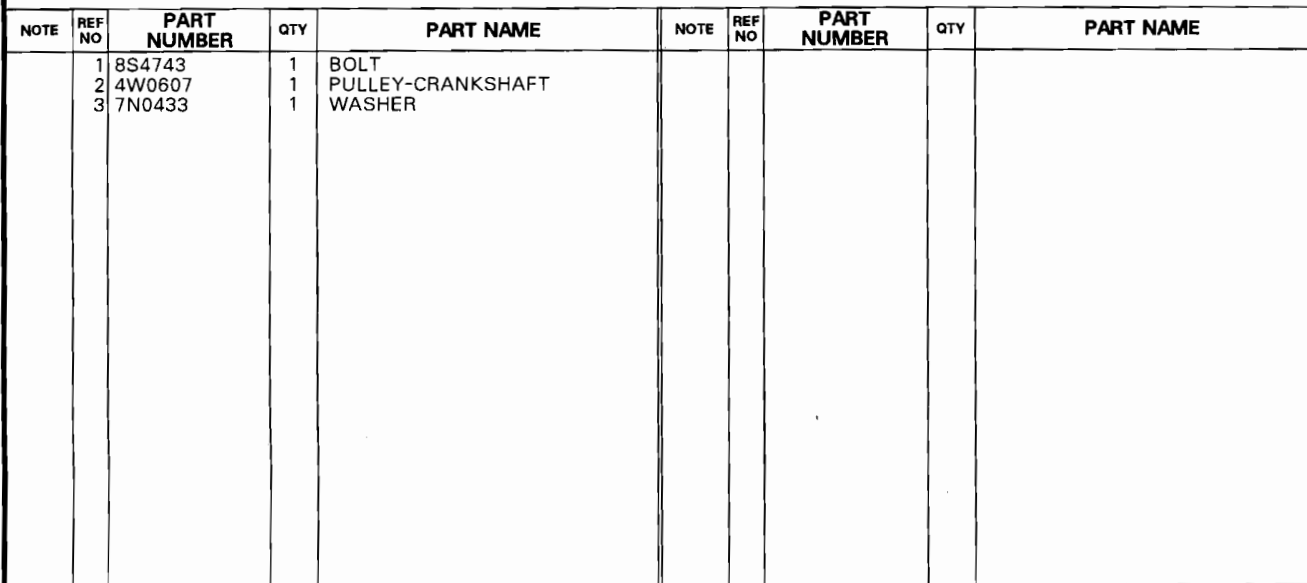


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J1	1	7N0365	1	CRANKS HAFT			8N2047	1	GASKET KIT-ENGINE BOTTOM (INCL PARTS MARKED J)
J1C1	-	D140274	1	CRANKS HAFT (09-0753~UP) (10-1597~UP) (11-0513~UP) (12-5435~UP)	J		D140270	1	CRANKSHAFT AS KIT (INCL PARTS MARKED J1)
	2	7N0364	1	GEAR-CRANKSHAFT (18 TEETH)					
J1C1		D140271	1	GEAR-CRANKSHAFT (19 TEETH) (09-0753~UP) (10-1597~UP) (11-0513~UP) (12-5435~UP)					
J1	3	1B8708	1	KEY-WOODRUFF					
J1	4	4H1440	1	PIN-SPRING					
J	5	7N0382	2	SEAL-MAIN BEARING CAP					
J	6	7N0383	2	SEAL-MAIN BEARING CAP					
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		8N0038	1	BEARING KIT(MAIN)					
		8N0042	1	KIT-MAIN BE/RG .25MMU/S					
		8N0046	1	KIT-MAIN BE/NG .51MMU/S					
		8N0050	1	KIT-MAIN BE/RG .76MMU/S					

C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

6N9703 : 09-0001~0752 11-0001~512
10-0001~1596 12-0001~5434

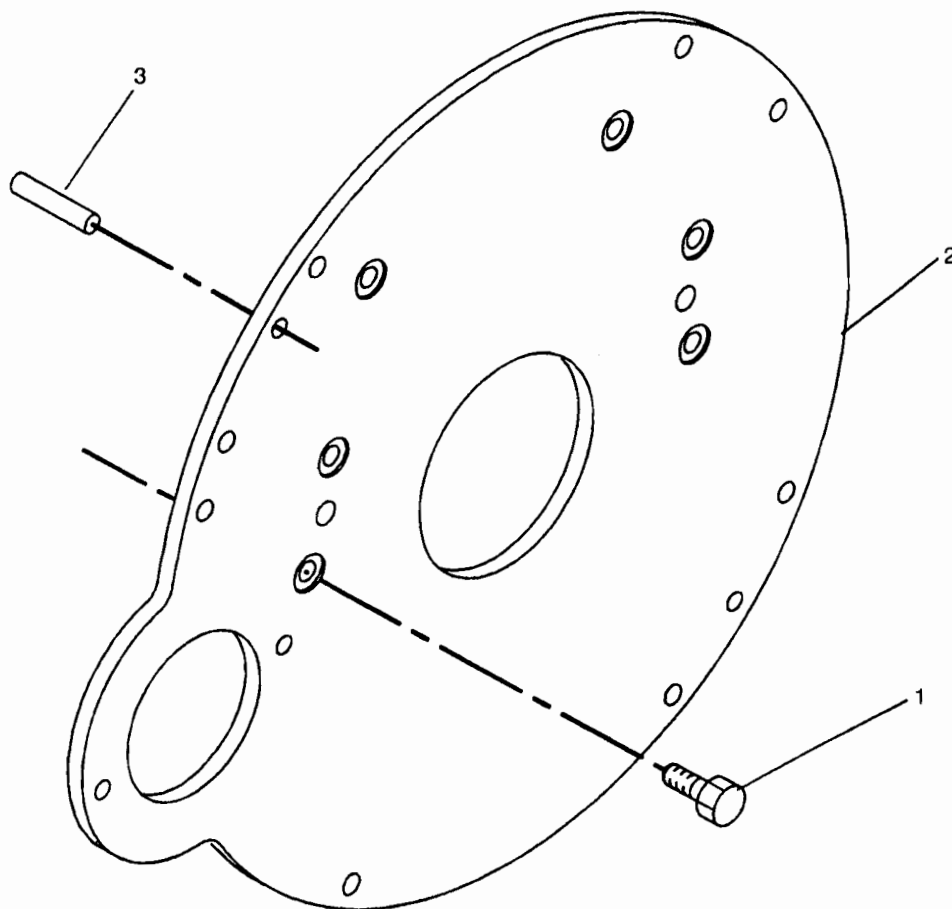
D140268 CRANKSHAFT GP
6N9703 CRANKSHAFT GP



- 5 - D139175

1.06

BASIC ENGINE

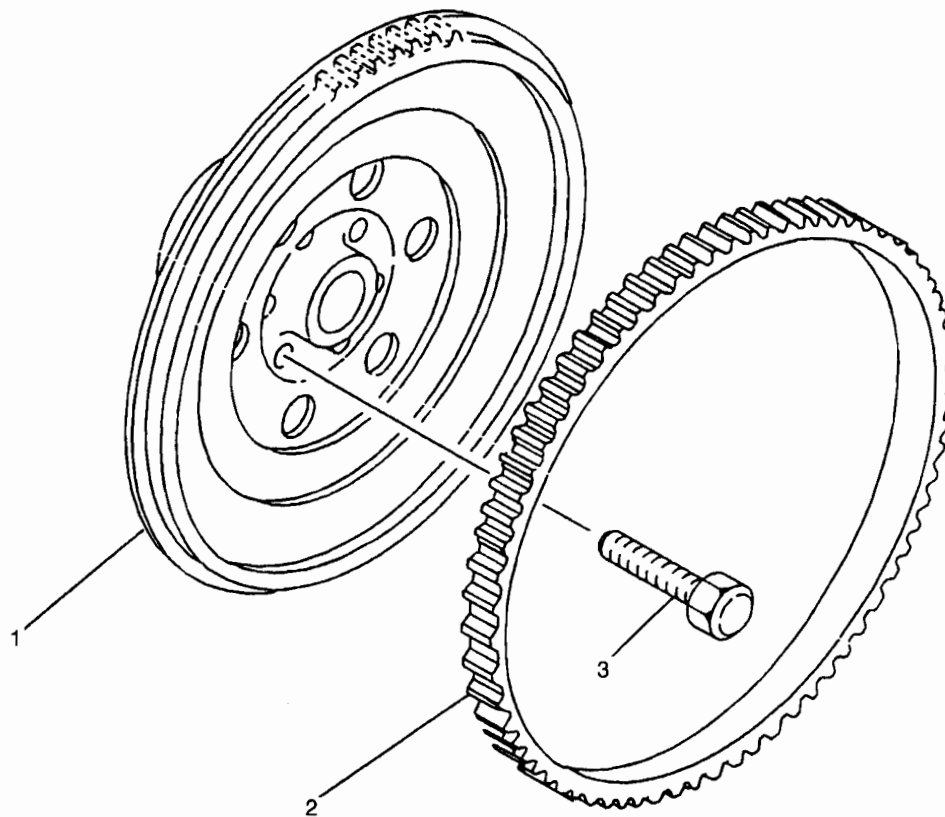


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	0S1594	6	BOLT					
		7W2251	1	PLATE AS-CONVERTER					
	2	7W2250	1	PLATE AS-CONVERTER					
	3	6V7951	2	DOWEL					

2W8552 HOUSING GP - FLYWHEEL

1.07

BASIC ENGINE



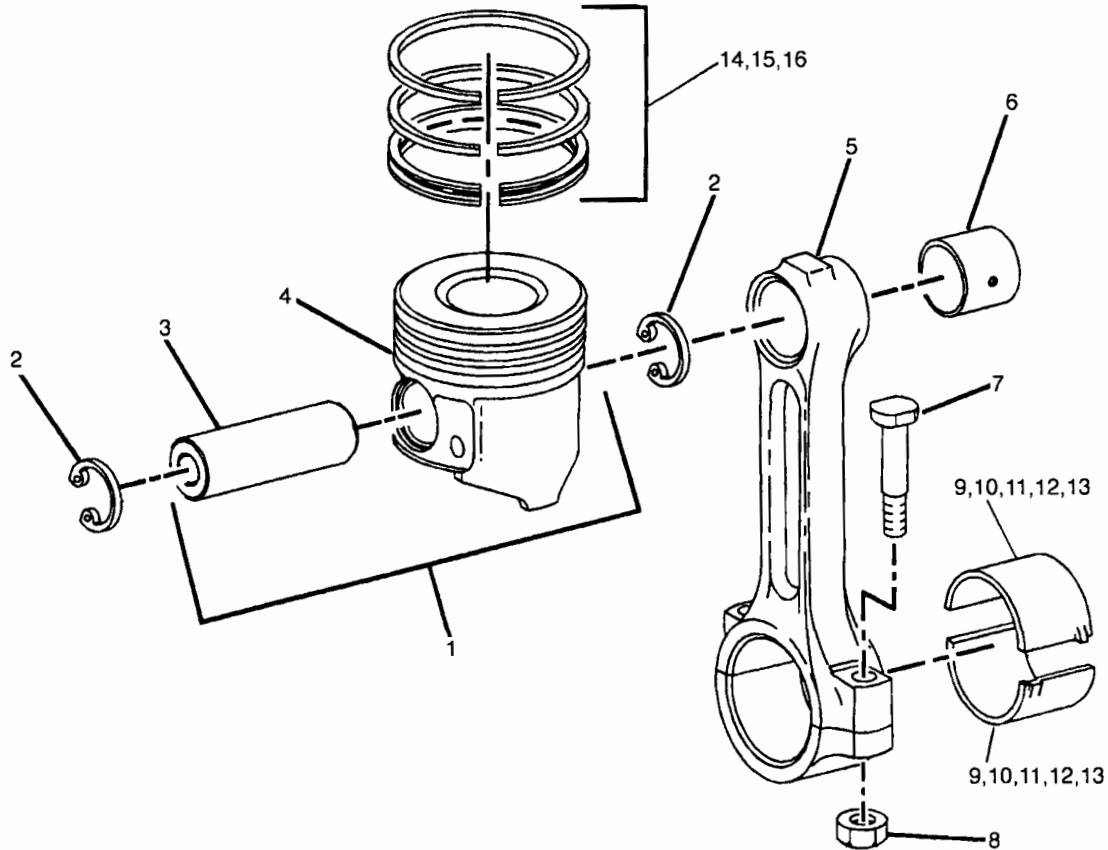
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	1W0986	1	FLYWHEEL AS					
	2	1W1064	1	FLYWHEEL					
	3	1A4350	6	GEAR-RING BOLT					

Z-NOT SERVICED SEPARATELY

7N7467 FLYWHEEL GP

1.08

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141261	1	PISTON & PIN AS-STD (ONE CYL. INCLUDE J)	A	12	8N4143	1	KIT-BEARING ROD .508MM(.020 IN)UNDERSIZE (INCL-FOUR BEARINGS)
A		D141262	1	PISTON & PIN AS .508MM(.020 IN)OVERSIZE (ONE CYL. INCLUDE J)	A	13	8N4144	1	KIT-BEARING ROD .762MM(.030 IN)UNDERSIZE (INCL-FOUR BEARINGS)
A		D141263	1	PISTON & PIN AS 1.02MM(.040 IN) (ONE CYL. INCLUDE J)	A	14	8N1098	1	KIT-PISTON RINGS (STANDARD)-COMPLETE ENGINE
J	2	7N0374	2	RING-PISTON PIN	A	15	8N0313	1	KIT-PISTON RINGS .508MM(.020 IN)OVERSIZE-COMPLETE ENGINE
Z	3		1	PIN	A	16	8N0321	1	KIT-PISTON RINGS 1.02MM(.040 IN)OVERSIZE-COMPLETE ENGINE
Z	4		1	BODY					
	5	7N0375	1	ROD AS-CONN					
	6	7N0378	1	BEARING-CONNECTING ROD					
	7	7N0271	2	BOLT-CONNECTING ROD					
	8	3S2713	2	NUT-FULL					
	9	8N1096	1	BEARING-CONNECTING ROD (STANDARD SIZE)					
A	10	8N4141	1	KIT-BEARING ROD(STD) .06MM(.002 IN)UNDERSIZE (INCL-FOUR BEARINGS)					
A	11	8N4142	1	KIT-BEARING ROD .254MM(.010 IN)UNDERSIZE (INCL-FOUR BEARINGS)					

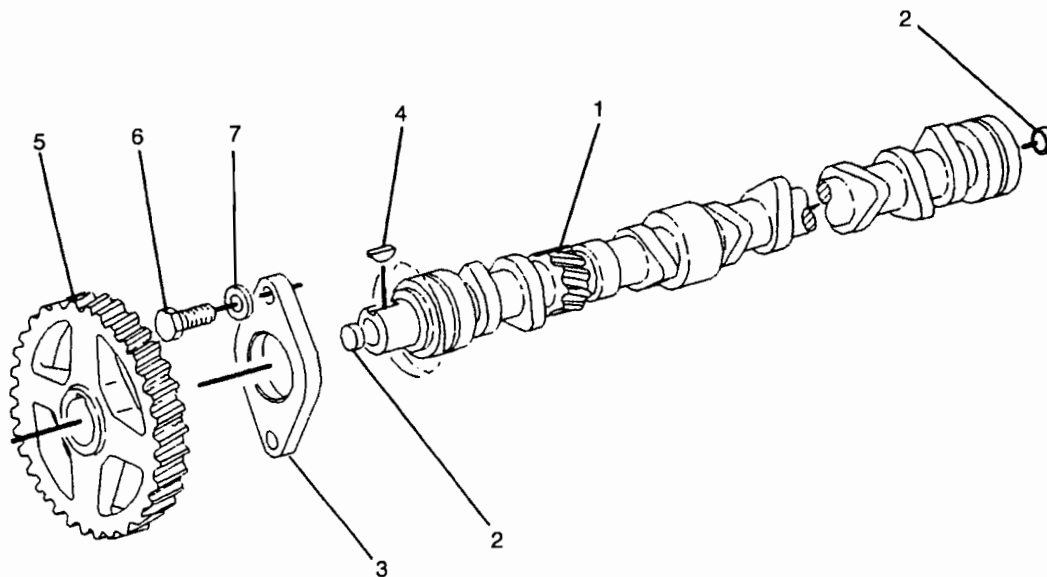
A-NOT PART OF THIS GROUP
Z-NOT SERVICED SEPARATELY

D141266 PISTON & ROD GP - 4 REQUIRED

MEMORANDA

1.09

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	9Y5966	1	CAMSHAFT AS					
	2	7M5839	2	PLUG-CUP					
	3	4P0697	1	PLATE-CAMSHAFT THRUST					
	4	1B8705	1	KEY-WOODRUFF					
	5	9Y5965	1	GEAR-CAMSHAFT					
	6	2H3755	2	BOLT					
	7	9M1974	2	WASHER					

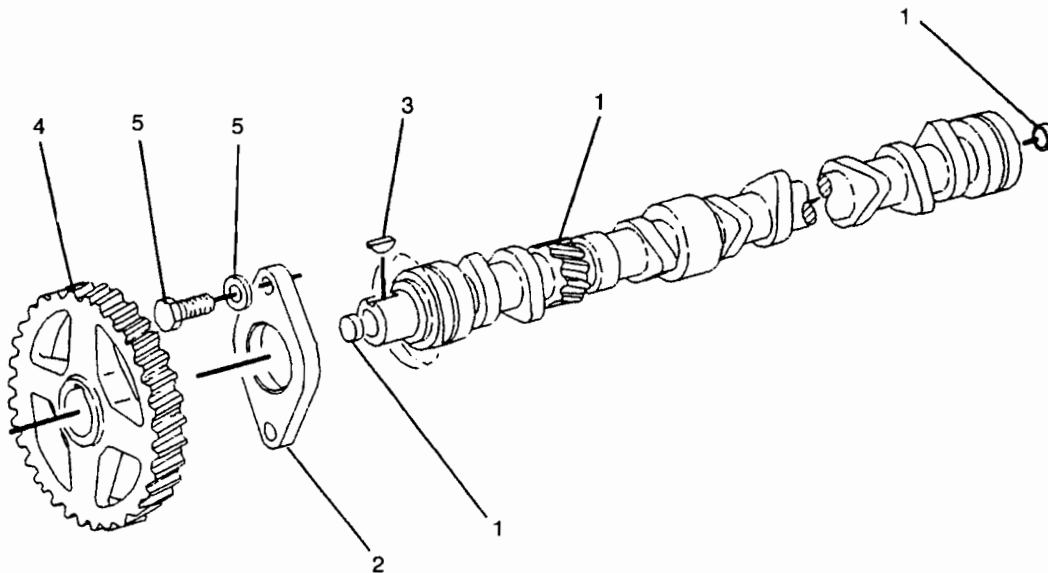
Z-NOT SERVICED SEPARATELY

09-0001~0752 11-0001~0512
10-0001~1596 12-0001~5434

6N9704 CAMSHAFT GP

1.091

BASIC ENGINE



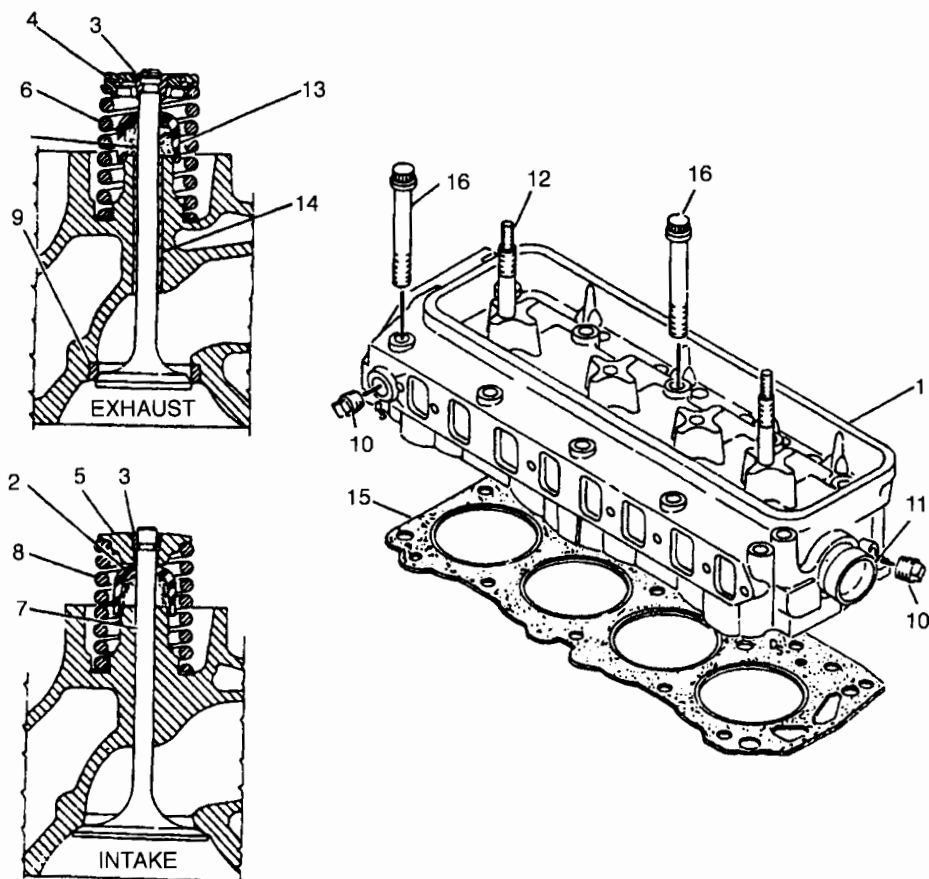
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D140278	1	CAMSHAFT & PLUG					
J	2	4P0697	1	PLATE-CAMSHAFT THRUST					
J	3	1B8705	1	KEY-WOODRUFF					
J	4	D140273	1	GEAR-CAMSHAFT					
J	5	D140281	2	BOLT ASS'Y					
		D140272	1	CAMSHAFT AS KIT (INCLUDES PARTS MARKED:J)					

09-0753~UP 11-0513~UP
10-1597~UP 12-5435~UP

D140269 CAMSHAFT GP

1.10

BASIC ENGINE

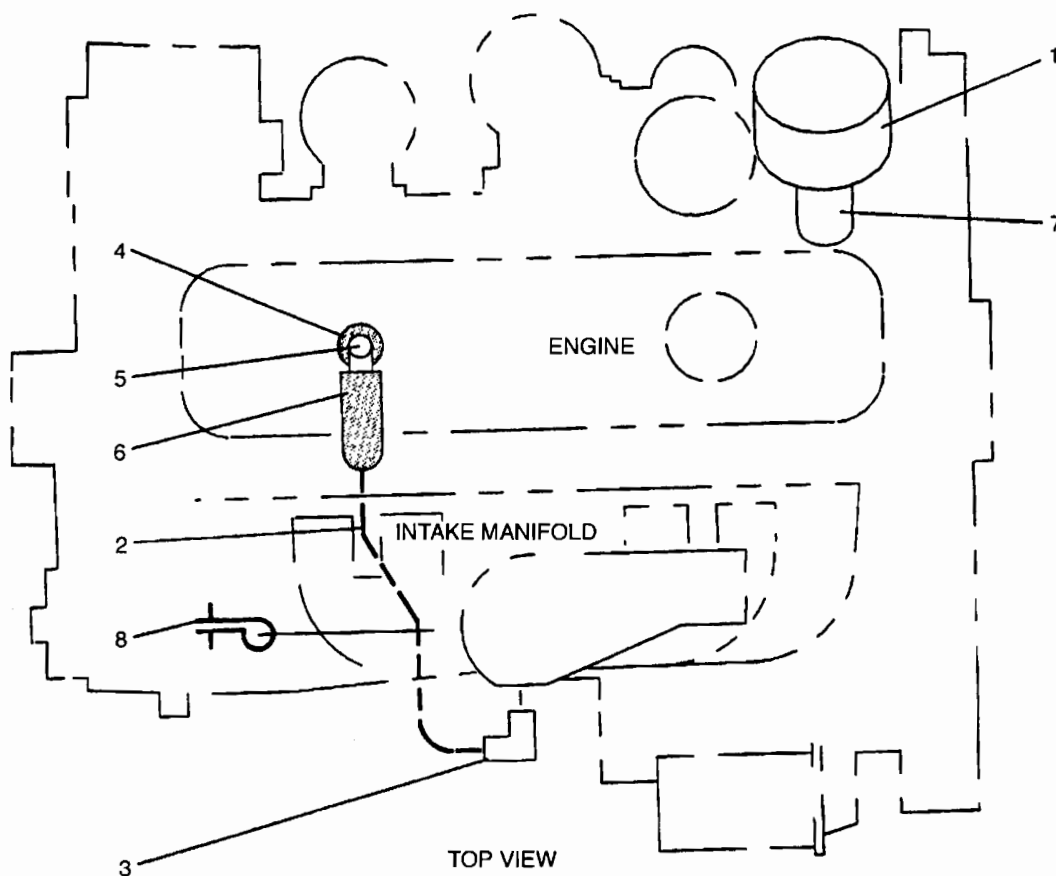


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7C2876	1	CYLINDER HEAD GP					
	2	1N3788	4	SEAL AS-VALVE (INTAKE)					
	3	7N0438	16	KEY-VALVE SPRING					
	4	7N1752	4	ROTATOR-VALVE					
	5	8N8034	4	RETAINER-V SPRING					
	6	7N0360	4	VALVE-EXHAUST					
	7	7N0359	4	VALVE-INTAKE					
	8	7N7713	8	SPRING					
	9	7N1753	4	INSERT-VALVE SEAT					
	10	8B8817	2	PLUG					
	11	4K0149	1	PLUT-CUP					
	12	7N0553	2	STUD					
	13	1N4303	4	SEAL AS-VALVE (EXHAUST)					
	14	1N4995	4	LINER-BRONZE					
	15	613649	1	GASKET-HEAD					
	16	7N0506	10	BOLT-CYLINDER HEAD					
		8N2048	1	GASKET KIT-TOP/HEAD KIT IS AVAILABLE: GASKET KIT-TOP/HEAD (CROSS TO IN4756)					

6N9706 CYLINDER HEAD GP

1.11

BASIC ENGINE

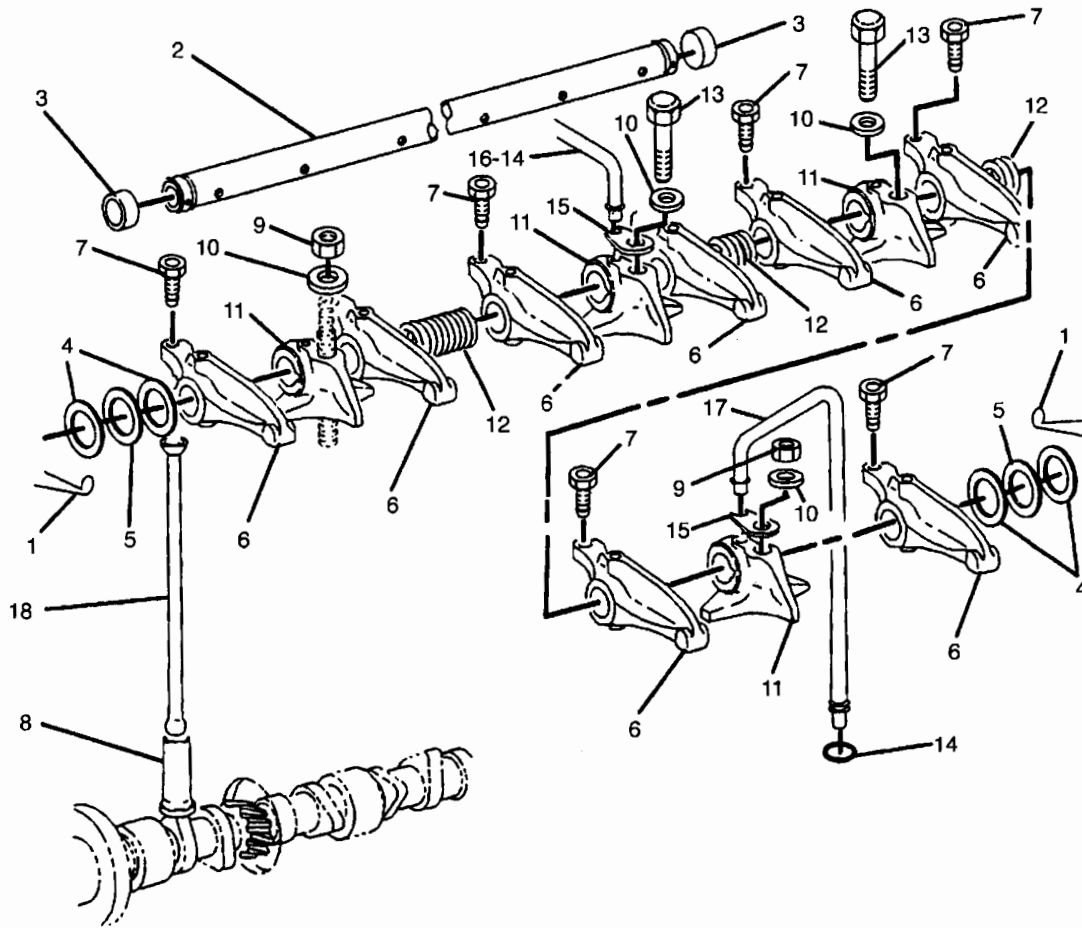


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141098	1	FILTER AS					
	2	7W6046	1	TUBE AS-PCV					
	3	3B9408	1	ELBOW-FLARED					
	4	7N0411	1	GROMMET					
	5	7N0266	1	VALVE					
	6	8N1127	1	HOSE					
	7	4W5525	1	TUBE AS					
	8	7H7055	1	CLIP					

D141174 VALVE GP - PCV

1.12

BASIC ENGINE

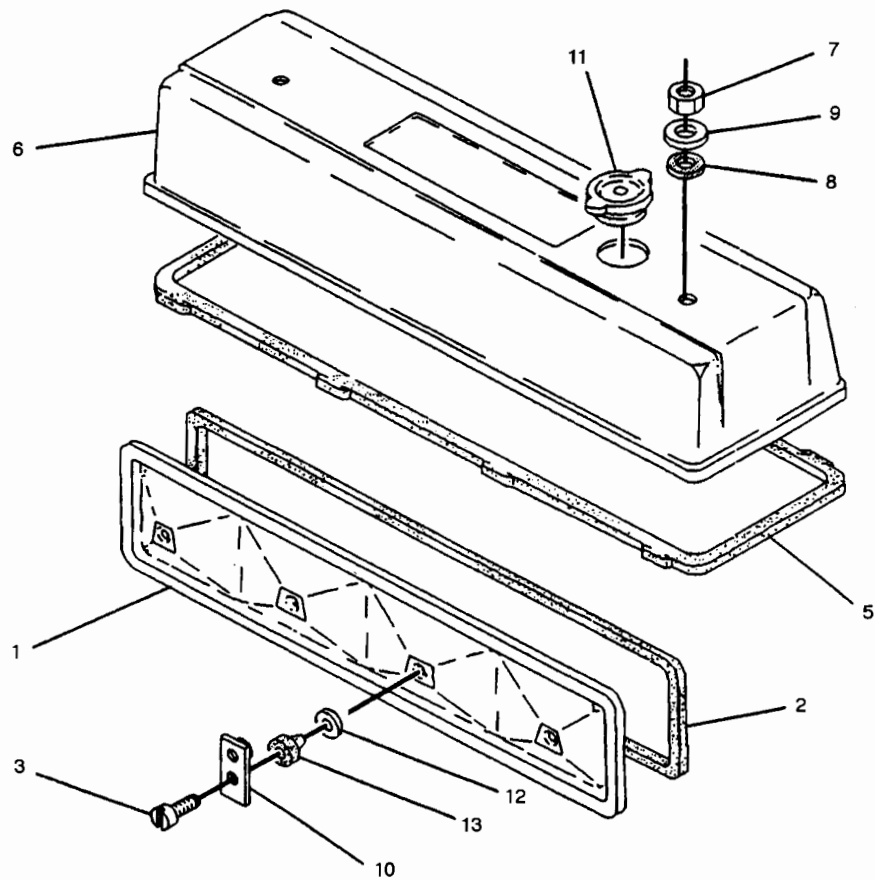


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3B4611	2	COTTER PIN					
	2	7N0327	1	SHAFT AS-ARM					
	3	7N0329	2	PLUG-CUP					
	4	7M8433	4	SPACER					
	5	7N0550	2	WASHER-SPRING					
	6	7W6777	8	ARM AS-VALVE ROCKER (EACH INCLUDES)					
	7	7W6753	1	SCREW					
	8	7N0404	8	LIFTER-VALVE					
	9	1D4718	2	NUT-FULL					
	10	5P8244	4	WASHER					
	11	7N0332	4	SUPPORT-ROCKER ARM SHAFT					
	12	7N0402	3	SPRING-ROCKER ARM LOCAT					
	13	1D4703	2	BOLT					
	14	8F7219	1	SEAL-O RING					
	15	7N0335	2	BRACKET-LUBE TUBE					
	16	2W1928	1	TUBE					
	17	7N0333	1	TUBE-SHAFT LUBRICATION					
	18	7N0405	8	ROD-PUSH					

6N9708 VALVE MECHANISM GP

1.13

BASIC ENGINE

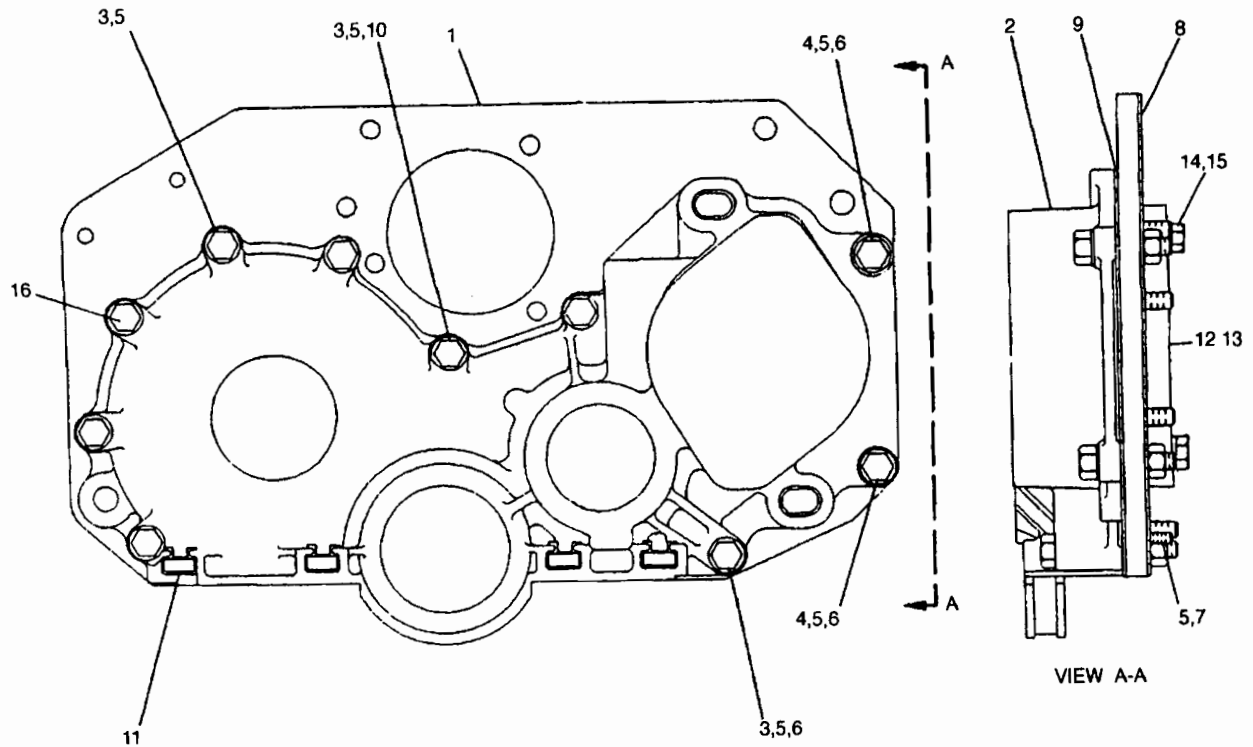


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7N0352	1	COVER-PUSH ROD					
	2	7N0353	1	GASKET-PUSH ROD COVER					
	3	7H1246	4	SCREW-MACHINE					
	4	7N0355	1	GASKET-VALVE COVER					
	5	8N9184	1	COVER AS-VALVE MECH.					
	6	1B4202	2	NUT-FUEL					
	7	6L9447	2	WASHER-SEALING					
	8	8T4224	2	WASHER					
	9	8N1568	1	CLIP AS-COVER					
	10	8N9186	1	CAP AS					
	11	D141312	4	WASHER					
	12	D141311	4	GROMMET					
	13								

D141313 COVER GP - VALVE MECHANISM

1.14

BASIC ENGINE



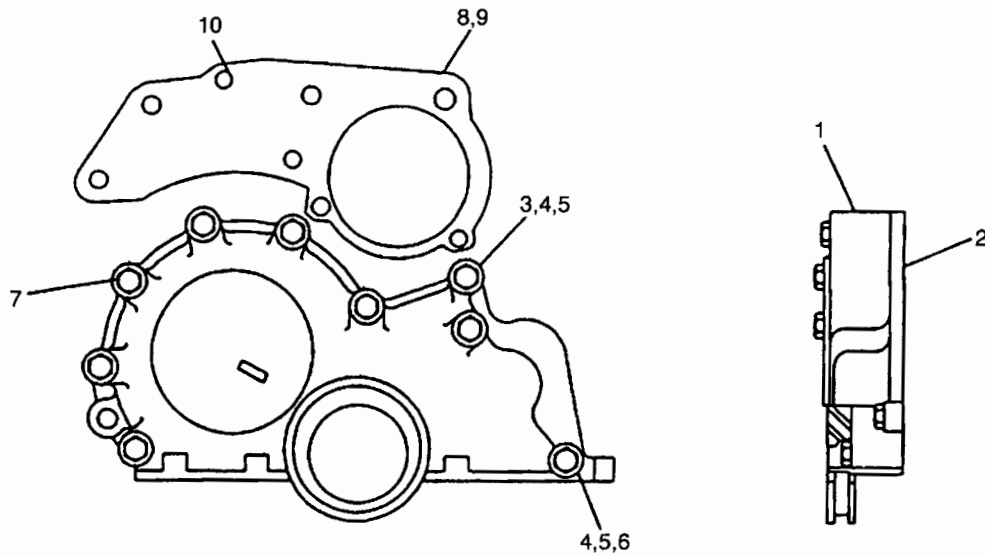
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7N0340	1	PLATE-FRONT					
	2	4W1577	1	HOUSING-FRONT					
	3	1D4538	7	BOLT					
	4	1B7182	2	BOLT					
	5	8T4224	13	WASHER					
	6	1D4716	3	NUT-FULL					
	7	8L5922	1	BOLT-SELF LOCKING					
	8	7N0337	1	GASKET					
	9	7N0338	1	GASKET					
	10	3B4505	1	WASHER-LOCK					
	11	7N0528	4	NUT-RETAINER					
	12	2P4358	1	FLANGE					
	13	6D1004	1	GASKET					
	14	0S1594	2	BOLT					
	15	5M2894	2	WASHER					
	16	2S5818	1	BOLT					

09-0001~0410 11-0001~0236
10-0001~0925 12-0001~2907

2W8549 HOUSING GP - FRONT - CHANGED

1.141

BASIC ENGINE



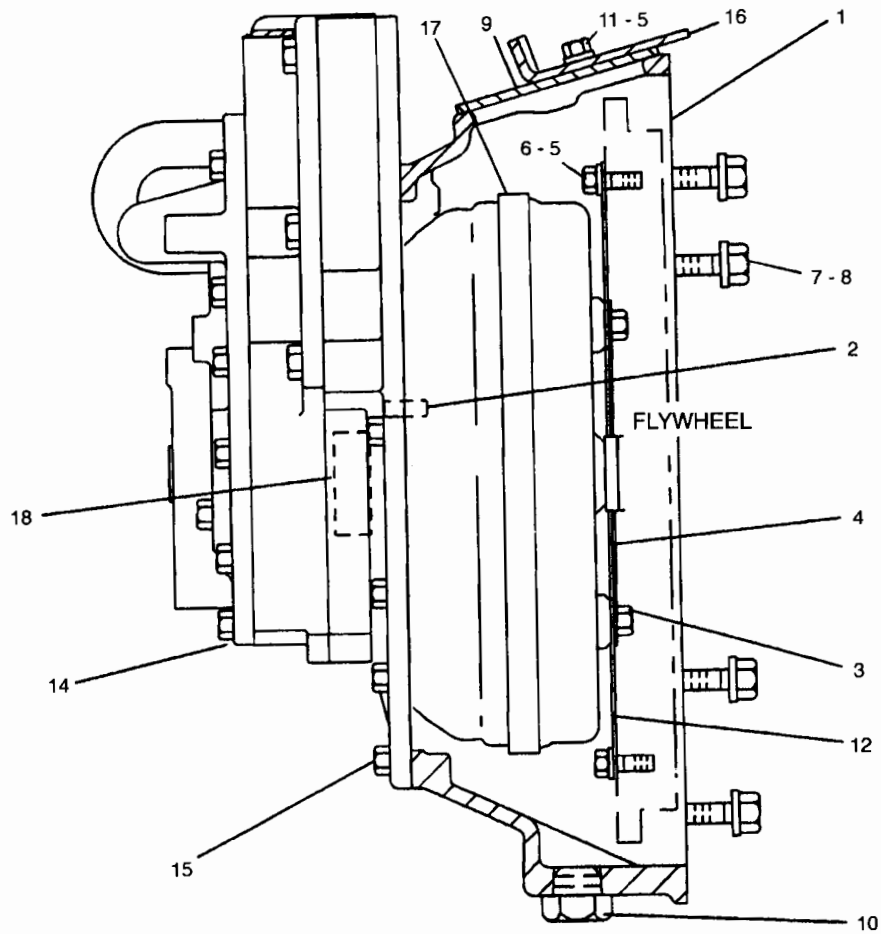
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141255	1	COVER FRONT					
	2	D141256	1	GASKET-FRONT COVER					
	3	1B9575	7	BOLT					
	4	D141257	9	WASHER-PLAIN					
	5	D141258	9	LOCKWASHER					
	6	D141259	1	BOLT-FRONT COVER					
	7	2S5818	1	BOLT					
	8	D141251	1	PLATE-WATER PUMP					
	9	D141252	1	GASKET-WATER PUMP					
	10	D141253	2	SCREW-WATER PUMP					

09-0411~UP 11-0237~UP
10-0926~UP 12-2908~UP

D141250 HOUSING - FRONT
Changed From 2W8549

1.15

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	6Y9000	1	HOUSING AS-CONVERTER					
	2	6V7951	2	DOWEL					
	3	0L1138	6	BOLT					
	4	6T9487	1	PLATE					
	5	9M1974	8	WASHER					
	6	2B2695	6	BOLT					
	7	6V4248	8	BOLT					
	8	6V5839	8	WASHER-HARD					
	9	6T5514	1	COVER					
	10	3M7045	1	PLUG					
	11	6V5215	2	BOLT					
	12	D161368	1	PLATE-CONVERTER DRIVE					
	14	D141047	1	PUMP & DRIVE					
				GP-T/M-PART OF D140112					
	15	6V3940	8	BOLT					
	16	7W0436	1	PLATE-TIMING					
	17	8E6299	1	CONVERTER AS					
	18	5P9503	1	BEARING-NEEDLE ROLLER					

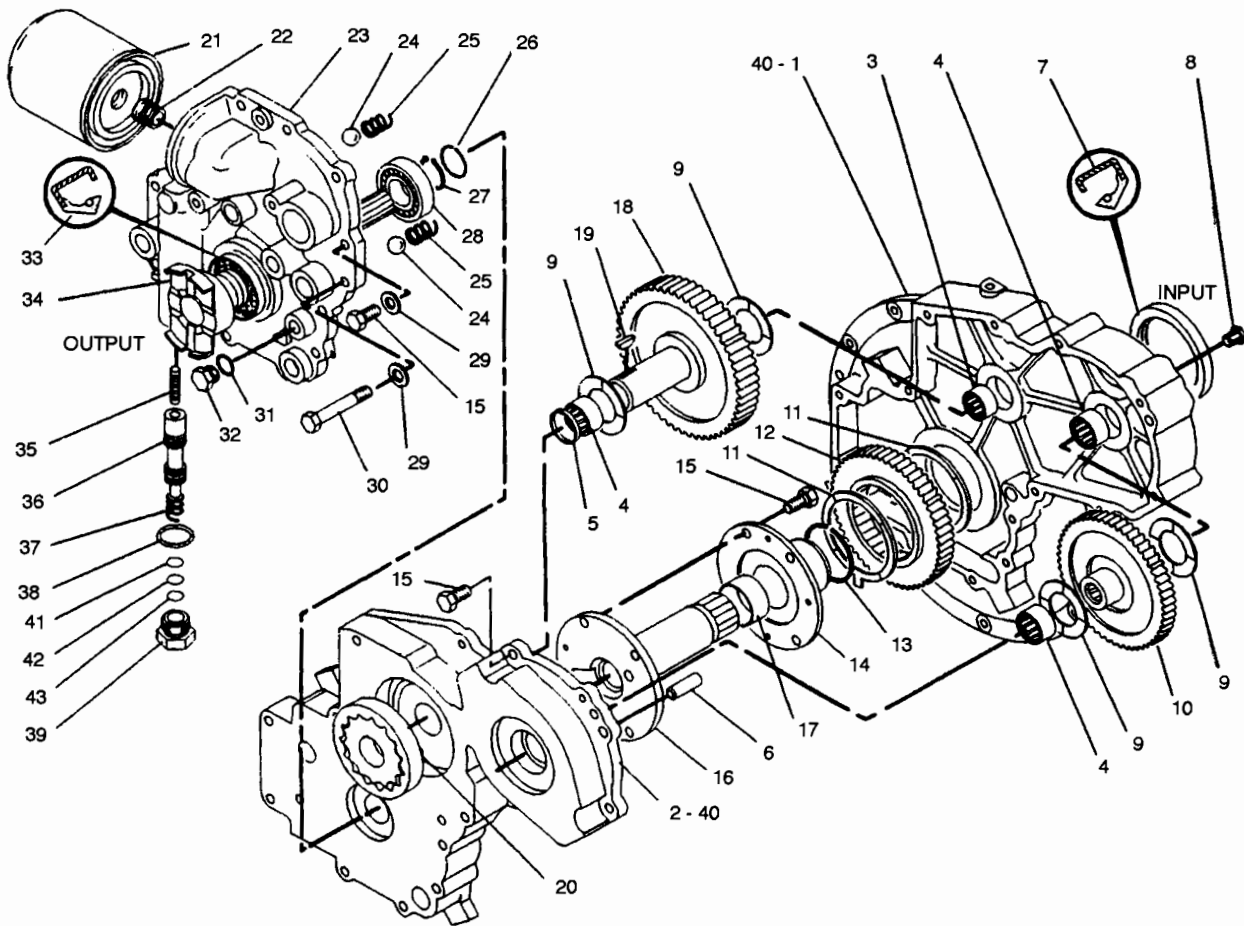
Y-SEPARATE ILLUSTRATION

D140189 HOUSING GP - REAR

D141047 - Page 16

1.16

BASIC ENGINE



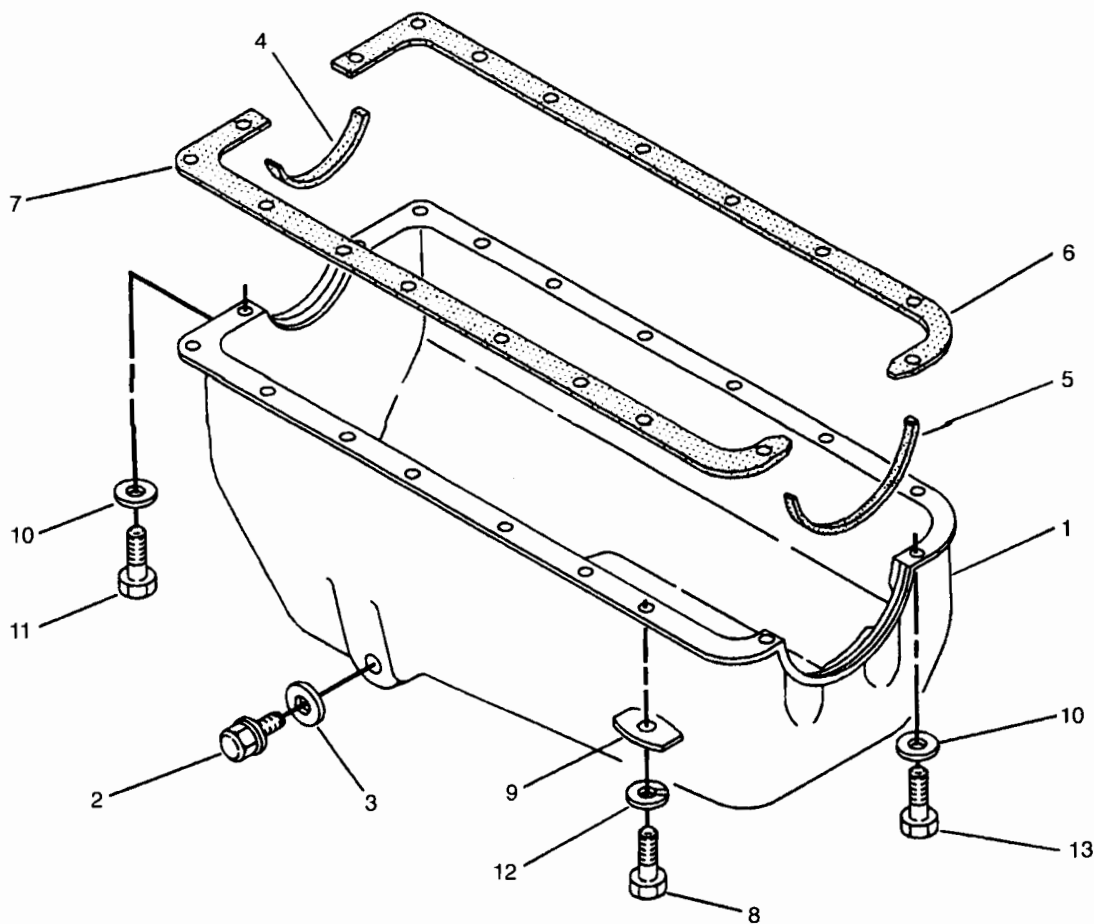
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z Z	1	9W9489	1	CASE AS		26	6T9488	1	SEAL-RING
	2	-	1	CASE-TRANSFER		27	6V7746	1	RING-RETAINING
	3	8T0113	1	COVER-TRANSFER		28	D141357	1	BEARING-BALL
	4	5P6684	3	BEARING-NEEDLE		29	8T4224	13	WASHER
	5	7T1251	1	BEARING-NEEDLE ROLLER		30	8T0100	9	BOLT
	6	6V7951	2	BUSHING		31	3J1907	2	SEAL-O-RING
	7	7X4746	1	DOWEL		32	9S4191	2	PLUG
	8	5M6214	1	SEAL-LIP TYPE		33	7X4747	1	SEAL-LIP TYPE
	9	6T0815	4	PLUG		34	6T1220	1	YOKE
	10	D141345	1	WASHER-THRUST		35	8E3057	1	SLUG
	11	6T1219	2	GEAR-PUMP DRIVE		36	8E3055	1	SPOOL
	12	6T1218	1	WASHER-THRUST		37	6T7194	1	SPRING
	13	6T9491	1	GEAR-DRIVE		38	3D2824	1	SEAL-O-RING
	14	D141294	1	SEAL-RING		39	9N4469	1	PLUG
	15	6V3940	13	SUPPORT-BEARING		40	8C8422	1	SEAL-ENT
	16	6T0819	1	BOLT	B	41	8J4452	1	SHIM
	17	6T5838	1	SUPPORT AS-STATOR	B	42	2S0674	1	SHIM
	18	D141344	1	BEARING	B	43	9J1330	1	SHIM
	19	6V7530	1	GEAR-IDLER					
	20	6T5471	1	KEY-WOODRUFF					
	21	D140182	1	GEROTOR AS					
	22	3G6927	1	FILTER-T/C					
	23	8E9561	1	ADAPTER					
	24	4B9782	2	HOUSING-FILTER					
	25	6T5867	2	BALL					
				SPRING					

Z-NOT SERVICED SEPARATELY
B-USE AS REQUIRED

D141047 PUMP & DRIVE - TRANSMISSION Part Of D140189 Housing

1.17

BASIC ENGINE

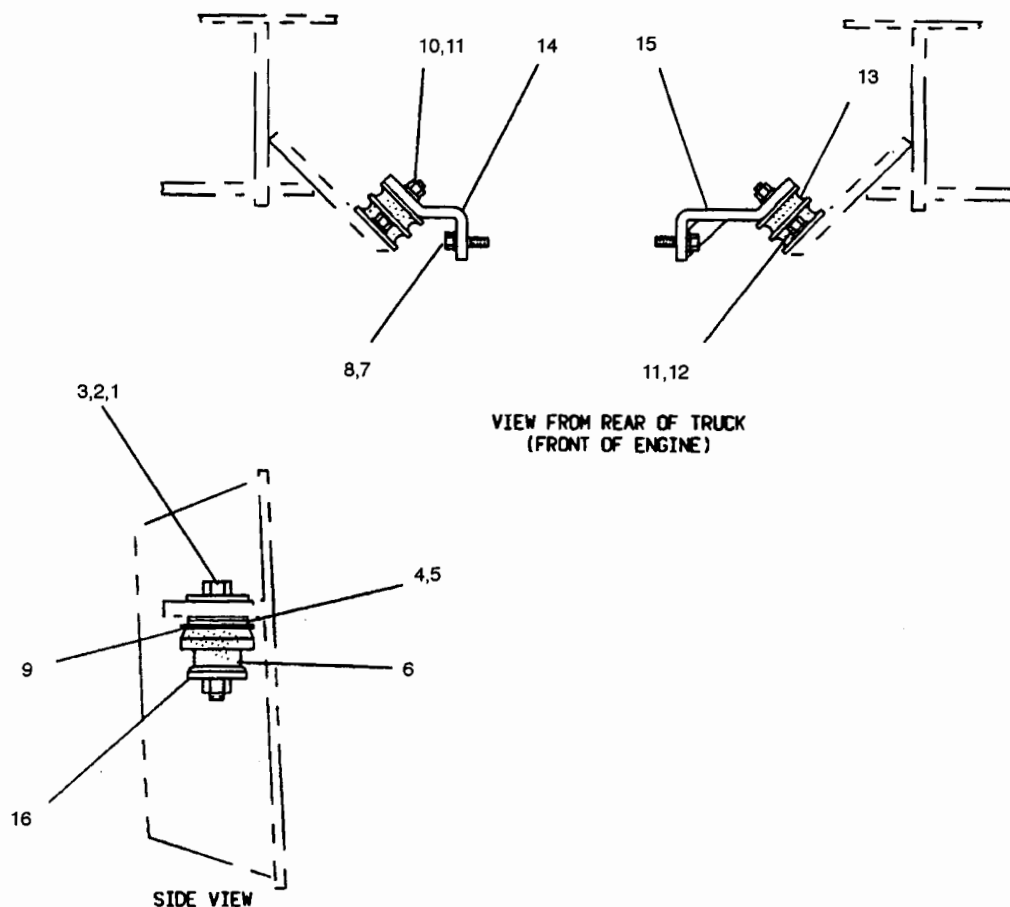


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7W2340	1	PAN AS-OIL					
	2	7W2331	1	PLUG-DRAIN					
	3	7N0277	1	GASKET-PLUG					
	4	7N0278	1	SEAL					
	5	7N0279	1	SEAL-OIL PAN REAR					
	6	7N0280	1	GASKET					
	7	7N0309	1	GASKET-OIL PAN LH					
	8	2A0762	12	BOLT					
	9	8N6096	11	WASHER-SPRING					
	10	8T4224	6	WASHER					
	11	2B2695	4	BOLT					
	12	3B4504	12	WASHER-LOCK					
	13	2H3755	2	BOLT					
		4W9263	1	THE FOLLOWING REPAIR KIS IS AVAILABLE: GASKET SET-OIL					

4W5523 PAN GP - OIL

1.18

BASIC ENGINE



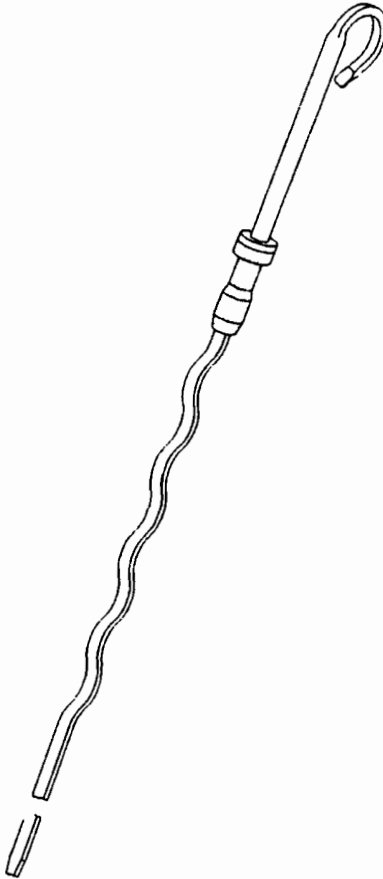
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T0359	2	BOLT					
	2	6V7745	2	NUT					
	3	7X0583	2	WASHER-H					
	4	909214	4	SHIM					
	5	909215	4	SHIM					
	6	7W2176	2	MOUNT-RESILIENT					
	7	0S1595	5	BOLT					
	8	2M0849	5	WASHER-HARD					
	9	909681	2	WASHER					
	10	2Y5829	4	NUT					
	11	6V5839	8	WASHER-HARD					
	12	6V6317	4	BOLT					
	13	4W7320	2	MOUNT AS-RESILIENT					
	14	909194	1	BRACKET					
	15	D131208	1	BRACKET AS					
	16	909682	2	WASHER-HARD					
				NO SERVICEABLE PARTS					

909095 MOUNTING GP - ENGINE

MEMORANDA

2.01

LUBRICATION SYSTEM

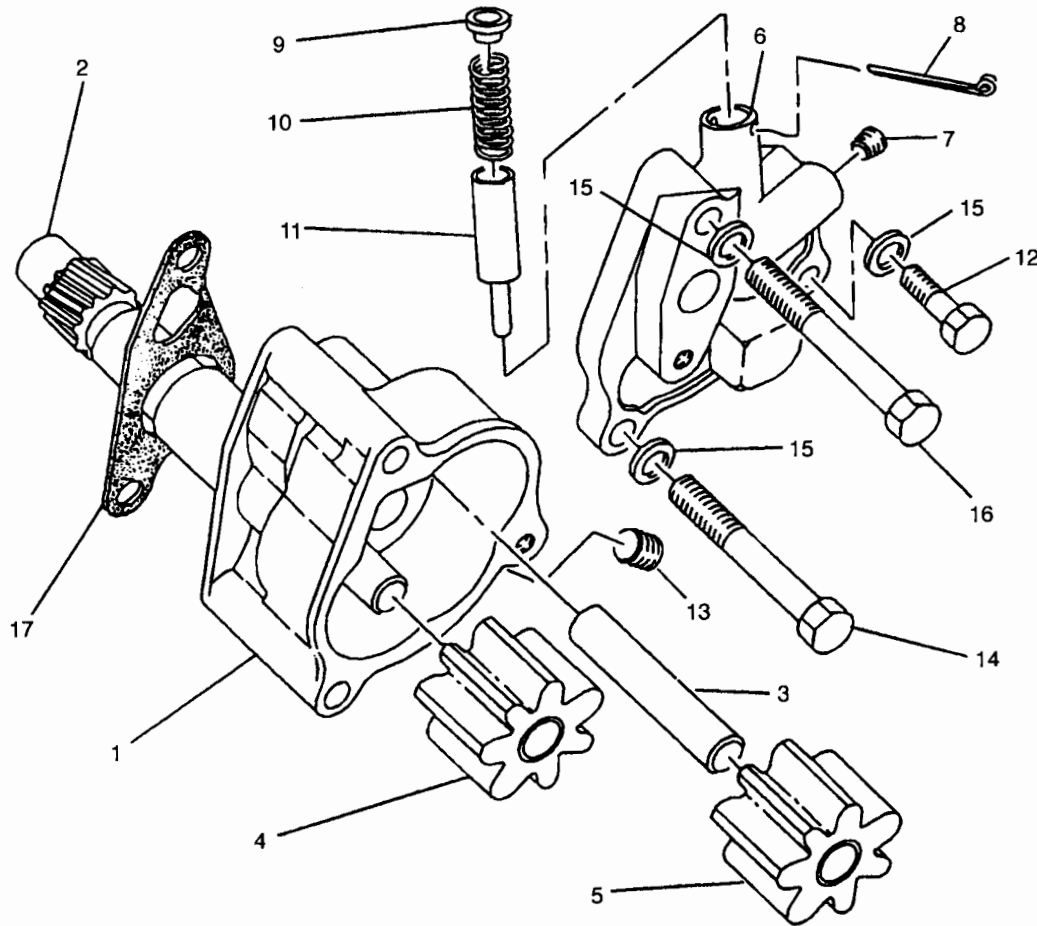


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
				NO SERVICEABLE PARTS					

6N9716 GUAGE GP - OIL LEVEL(DIPSTICK)

2.02

LUBRICATION SYSTEM



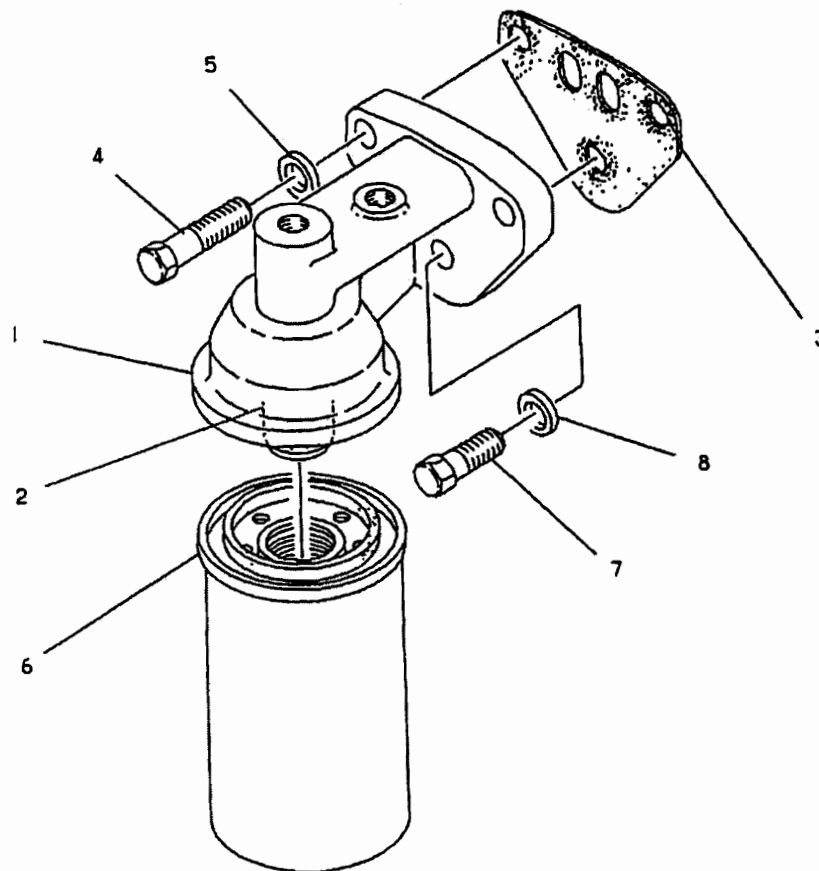
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
		1 7N0414	1	BODY AS-OIL PUMP					
Z		2 7N0417	1	GEAR AS					
Z		3 7N0416	1	SHAFT-OIL PUMP IDLER					
Z		4 7N0421	1	GEAR-OIL PUMP IDLER					
Z		5 7N0421	1	GEAR-OIL PUMP IDLER					
Z		6 7N0423	1	COVER AS-OIL PUMP					
		7 9F2247	1	PLUG					
		8 3B4611	1	COTTER PIN					
		9 7N0427	1	RETAINER-RELIEF VALVE SP.					
		10 7N0426	1	SPRING-RELIEF VALVE					
		11 7N0425	1	PLUNGER-RELIEF VALVE					
		12 2B2695	1	BOLT					
		13 4L2768	1	PLUG-PIPE					
		14 1D4540	1	BOLT					
		15 8T4224	3	WASHER					
		16 1F4111	1	BOLT					
J		17 7N0431	1	GASKET-OIL PUMP					
		8N2165	1	THE FOLLOWING REPAIR KIT IS AVAILABLE: GASKET KIT-OIL PUMP (INCLUDES PARTS MARKED:J)					

Z-NOT SERVICED SEPARATELY

6N9717 PUMP GP - OIL

2.03

LUBRICATION SYSTEM

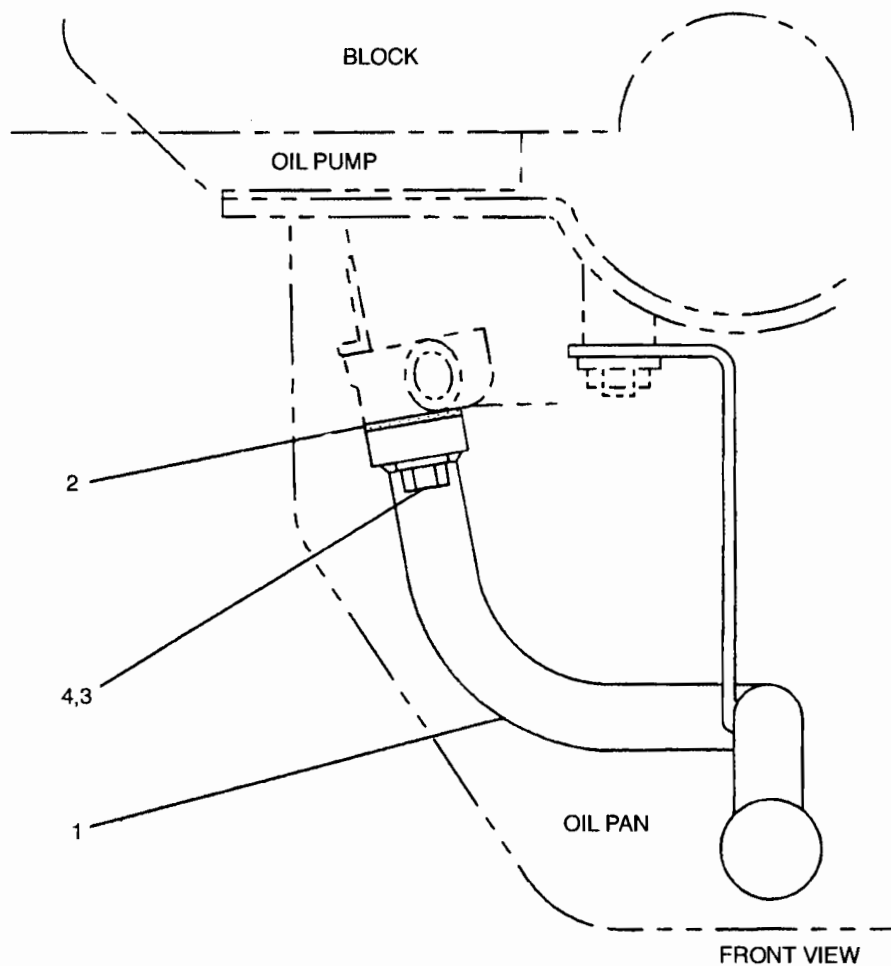


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7N7698	1	ADAPTER-OIL FILTER					
	2	4N0213	1	STUD-TAPER LOCK					
	3	7N0315	1	GASKET-ADAPTER					
	4	0S1591	2	BOLT					
	5	5M2894	2	WASHER					
	6	D141099	1	FILTER AS-OIL					
	7	0T0318	1	BOLT					
	8	5P8244	1	WASHER					

D141170 FILTER GP - OIL

2.04

LUBRICATION SYSTEM

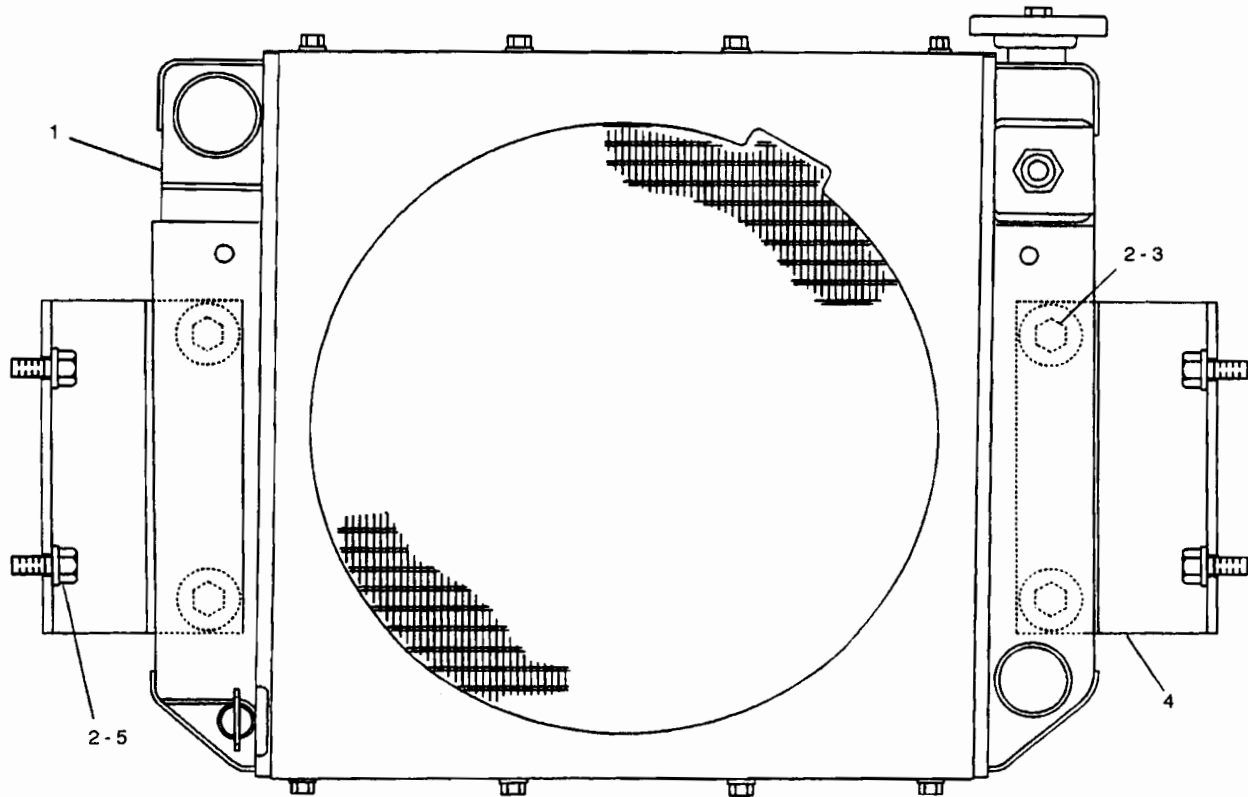


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y5961	1	TUBE AS-SUCTION					
	2	7N0323	1	GASKET					
	3	0S1618	1	BOLT					
	4	8T4224	1	WASHER					

2W8553 LINES GP - OIL

3.01

COOLING SYSTEM



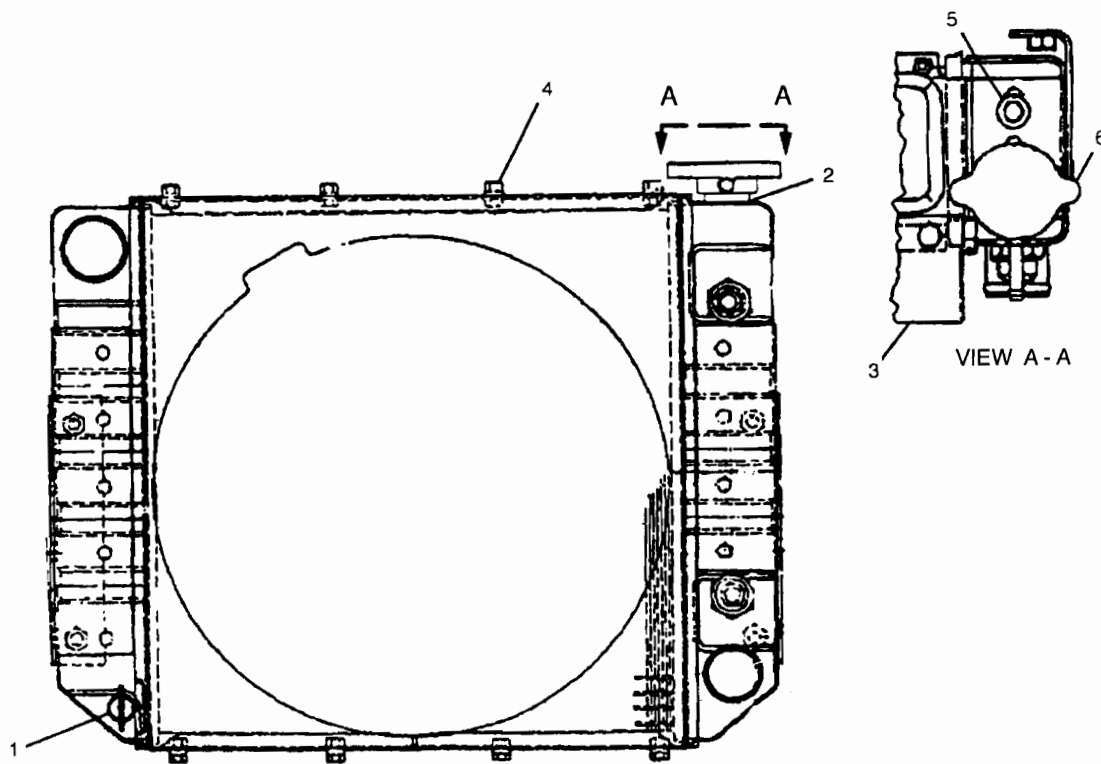
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y C1	1	D141205	1	RADIATOR GP					
	-	D141352	1	RADIATOR GP (09-1109~UP) (10-2077~UP) (11-0716~UP) (12-0073~UP)					
	2	8T4137	8	BOLT					
	3	6V8513	4	WASHER-HARD					
	4	D131223	2	BRACKET					
	5	7X7729	4	WASHER-HARD					

Y-SEPARATE ILLUSTRATION
C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D130879 RADIATOR GP
D141352 - Page 24

3.02

COOLING SYSTEM



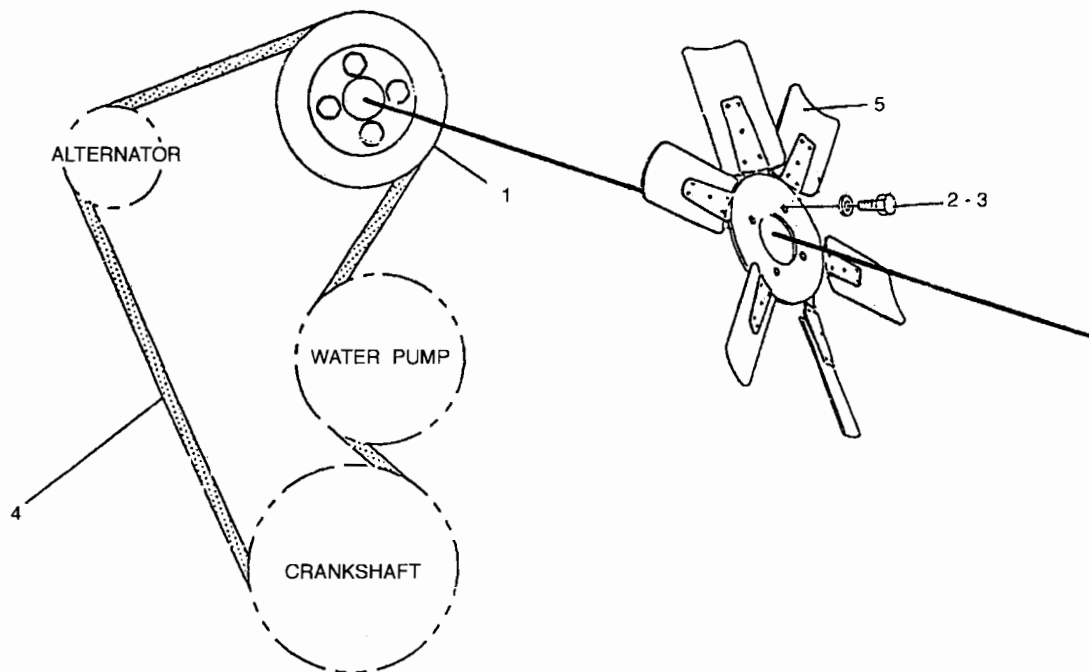
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C1	1	D160370	1	COCK-DRAIN					
		D160371	-	SEAL-O-RING					
	2	D141200	1	RADIATOR					
				(09-0001~1108)					
				(10-0001~2077)					
				(11-0001~0714)					
				(12-0001~8099)					
	-	D141350	1	RADIATOR AS					
				(09-1109~UP)					
				(10-2078~UP)					
				(11-0715~UP)					
				(12-8100~UP)					
		9Y7681	1	COOLER AS-OIL					
		D905158	2	CONNECTOR-SEAL					
		3K0360	2	SEAL-O-RING					
	3	7C1403	1	SHROUD AS					
	4	D141231	8	BOLT					
	5	5M6214	1	PLUG					
	6	9Y1791	1	CAP AS-PRESSURE RELIEF					

C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D141352 RADIATOR GP
Part Of D130879 Radiator

3.03

COOLING SYSTEM

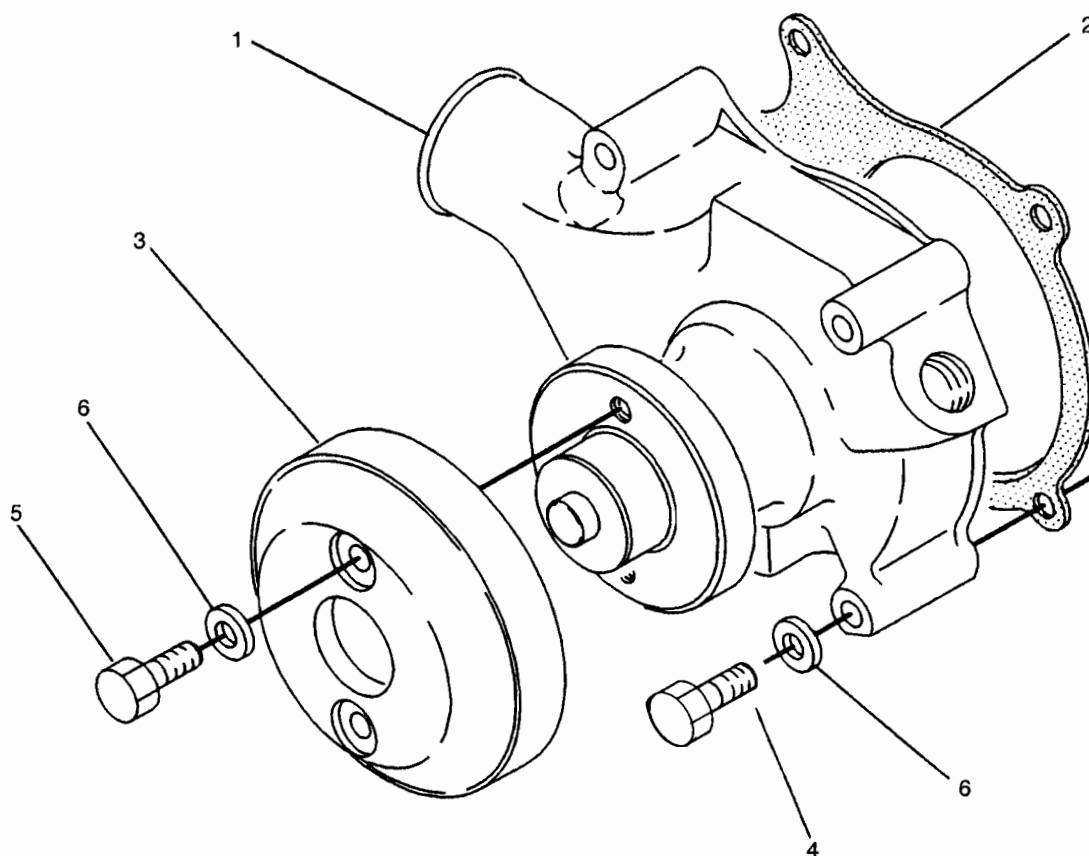


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y5839	1	PULLEY-FAN					
	2	2H3738	4	BOLT					
	3	8T4224	4	WASHER					
	4	D141101	1	V-BELT(1404)					
	5	7C0642	1	SPIDER AS-FAN(BLOWER)					

D141172 DRIVE - FAN
Belt

3.04

COOLING SYSTEM



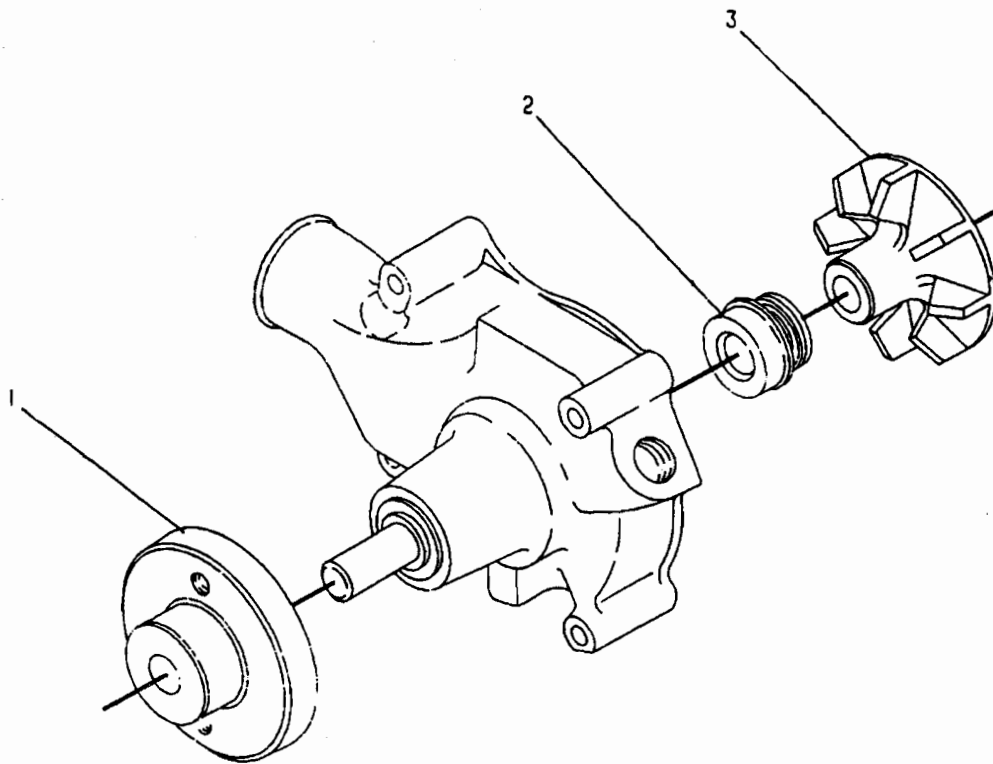
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	9Y5969	1	PUMP GP-WATER					
	2	7N0501	1	GASKET-WATER PUMP					
	3	4W1581	1	PULLEY					
	4	1B9575	4	BOLT					
	5	0S1617	2	BOLT					
	6	9M1974	6	WASHER					

Y-SEPARATE ILLUSTRATION

2W8554 PUMP GP - WATER
9Y5969 - Page 27

3.05

COOLING SYSTEM



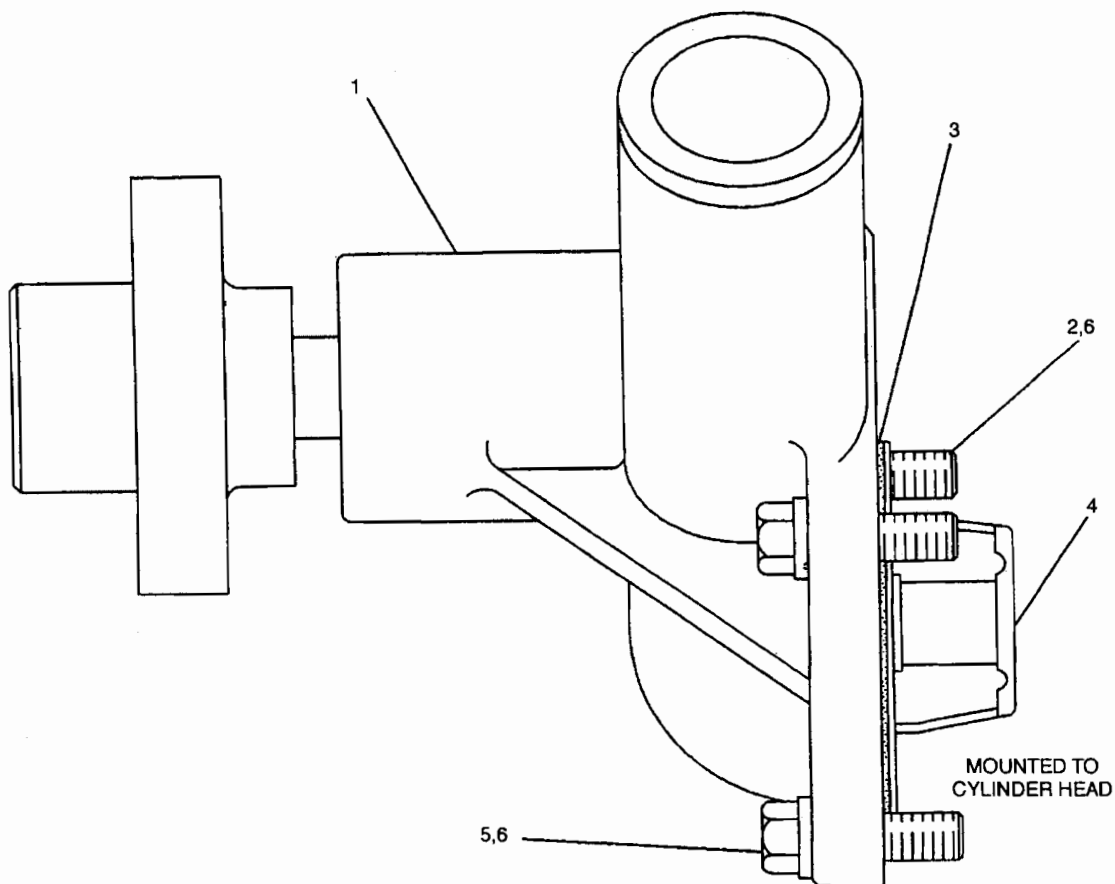
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
JZ	1	4W1582	1	ADAPTER					
	2	2W0712	1	SEAL AS-WATER PUMP					
	3	1W0406	1	IMPELLER-PUMP					
		1W9452		THE FOLLOWING REPAIR KIT IS AVAILABLE : KIT-SEAL (INCLUDES PARTS MARKED J AND GASKET)					

Z-NOT SERVICED SEPARATELY

9Y5969 PUMP GP - WATER
Part Of 2W8554 Pump

3.06

COOLING SYSTEM

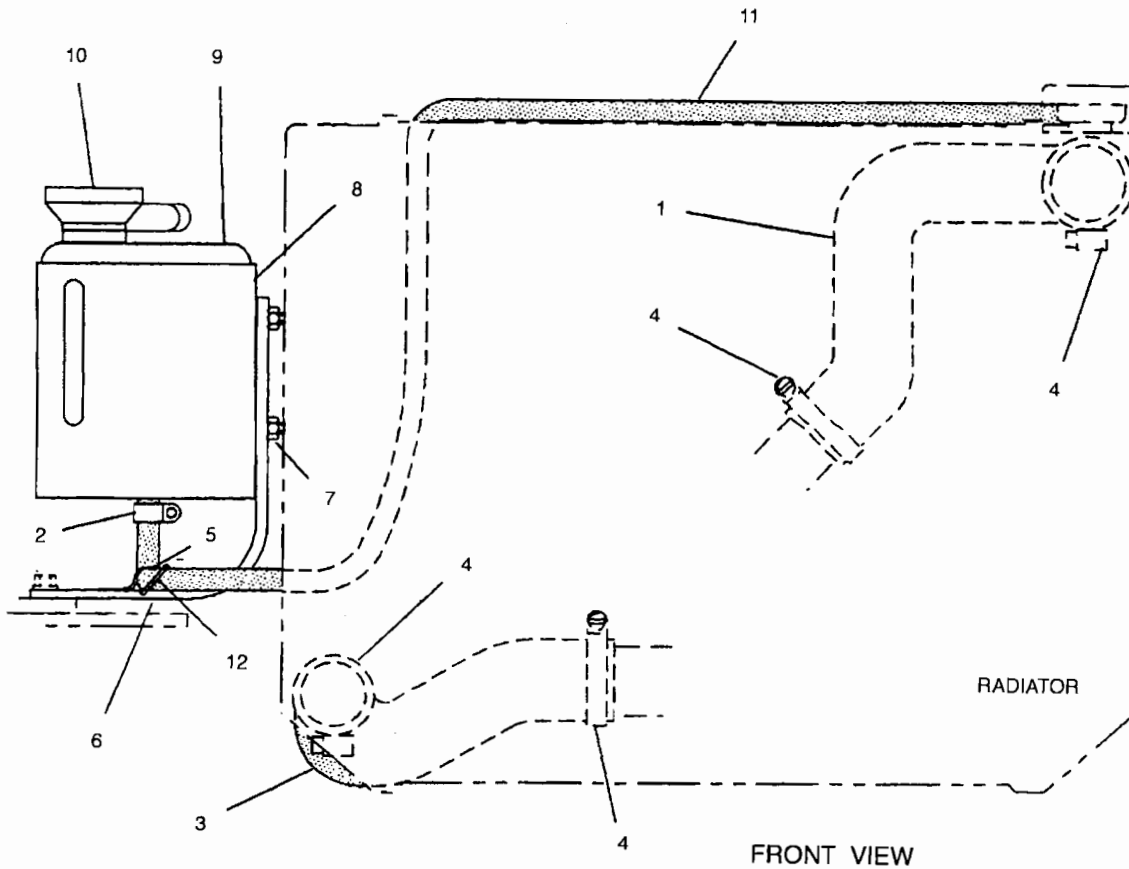


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7E6797	1	HOUSING & REGULATOR AS					
	2	1B9575	1	BOLT					
	3	7N0529	1	GASKET					
	4	4W1584	1	REGULATOR-TEMPERATURE					
	5	0S1618	2	BOLT					
	6	9M1974	3	WASHER					

2W8555 HOUSING & REGULATOR GP

3.07

COOLING SYSTEM

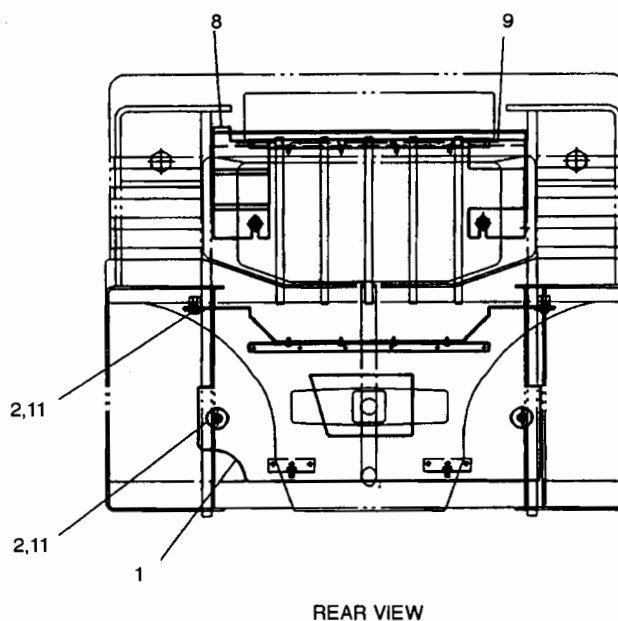
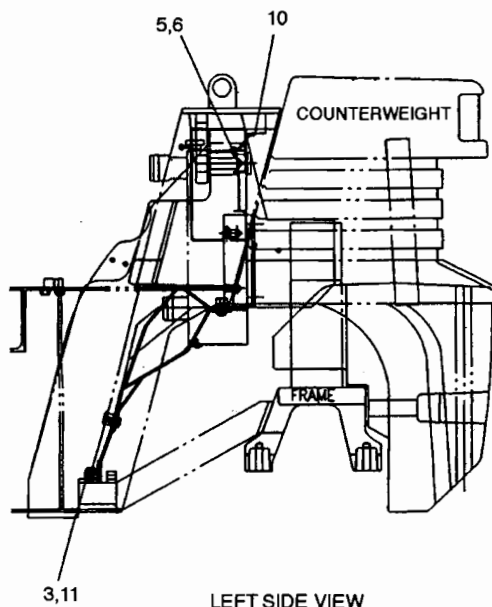


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	909423	1	HOSE					
	2	1P4278	2	CLAMP					
	3	909419	1	HOSE					
	4	9M0164	4	CLAMP-HOSE					
	5	9M8406	1	CLIP					
	6	908013	1	BRACKET					
	7	6V7743	4	NUT-LOCK					
	8	908496	1	ENCLOSURE					
	9	D130256	1	RESERVOIR					
	10	D130257	1	CAP-BOTTLE					
	11	8C3681	1.00	HOSE-OVERFLOW-CM					
	12	6K0806	1	STRAP					

D130260 LINES GP - COOLANT

3.08

COOLING SYSTEM

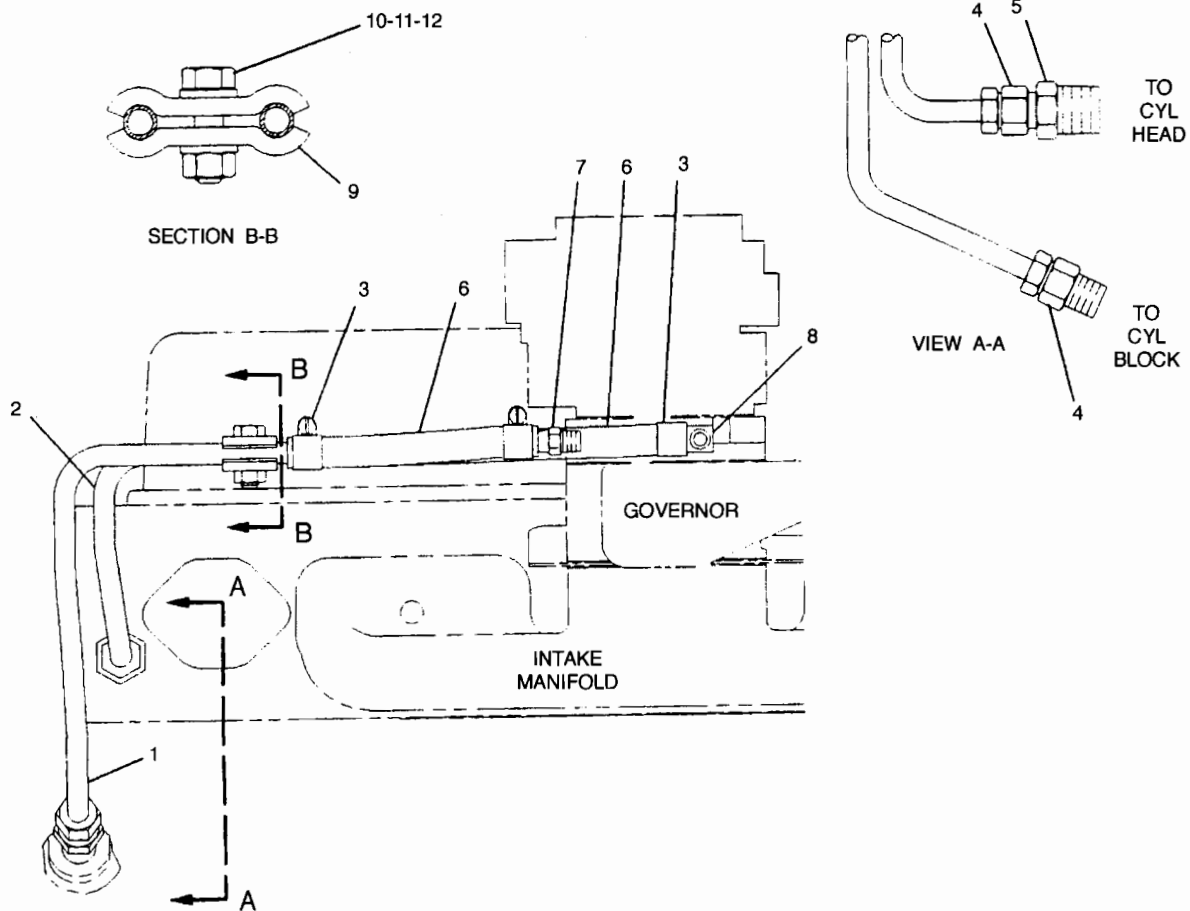


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D130525	1	BAFFLE AS					
	2	8T4226	4	WASHER					
	3	8T4121	2	WASHER					
	5	8T4970	4	BOLT					
	6	9X8256	4	WASHER					
	8	D131224	1	SHIELD L.H					
	9	D130994	1	SHIELD R.H					
	10	D130725	1	BAFFLE AS-UPPER					
	11	8T4191	6	BOLT					

D130489 BAFFLE GP

3.09

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4P2248	1	TUBE AS					
	2	4P2249	1	TUBE AS					
	3	5P4961	4	CLAMP-HOSE					
	4	5K9248	2	CONNECTOR-INVERTED					
				FLARED					
	5	9F9920	1	BUSHING					
E	6	5P1442	60	HOSE (BULK)-CM					
	7	8T2173	1	CONNECTOR					
	8	1R0559	1	ELBOW					
C	9	D140261	2	CLIP					
C	10	D141273	1	BOLT					
C	11	D141274	2	WASHER					
C	12	D141275	1	NUT					

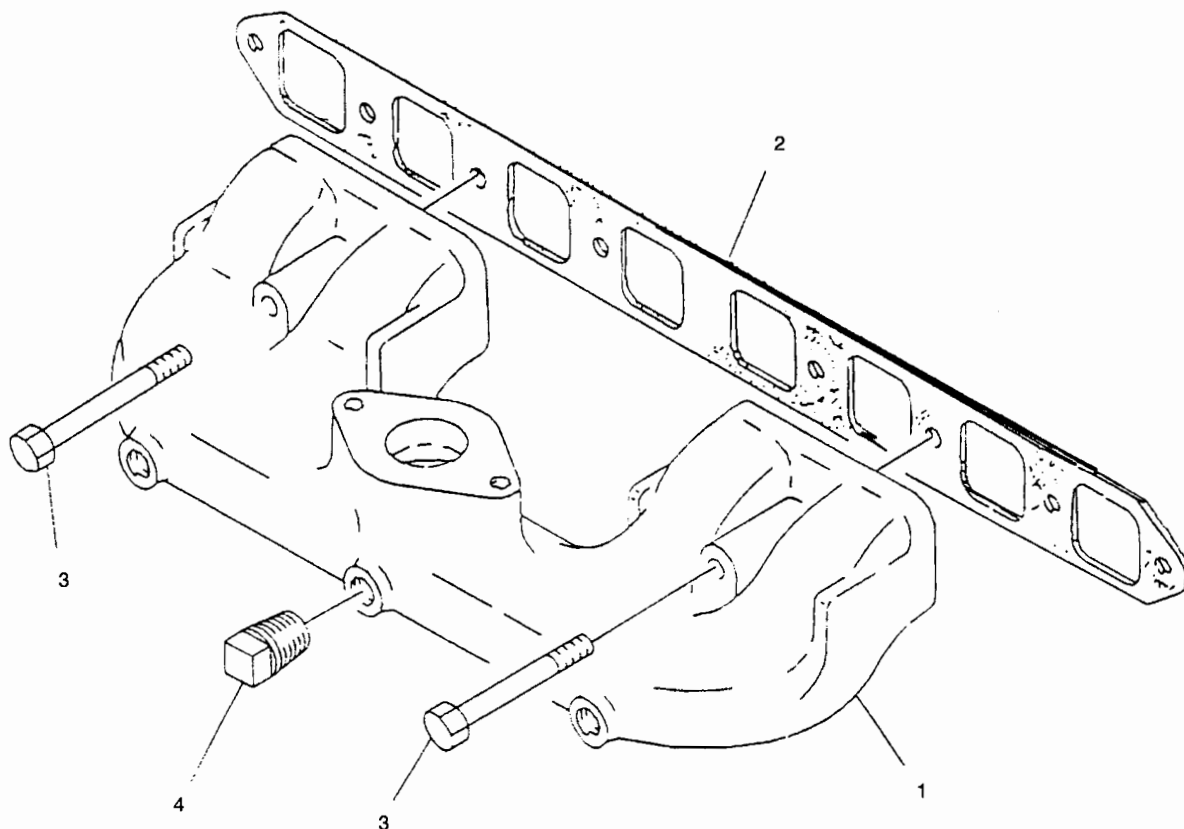
C-CHANGED
E-ORDER BY THE CENTIMETER

D141276 LINES GP - WATER (GAS)

MEMORANDA

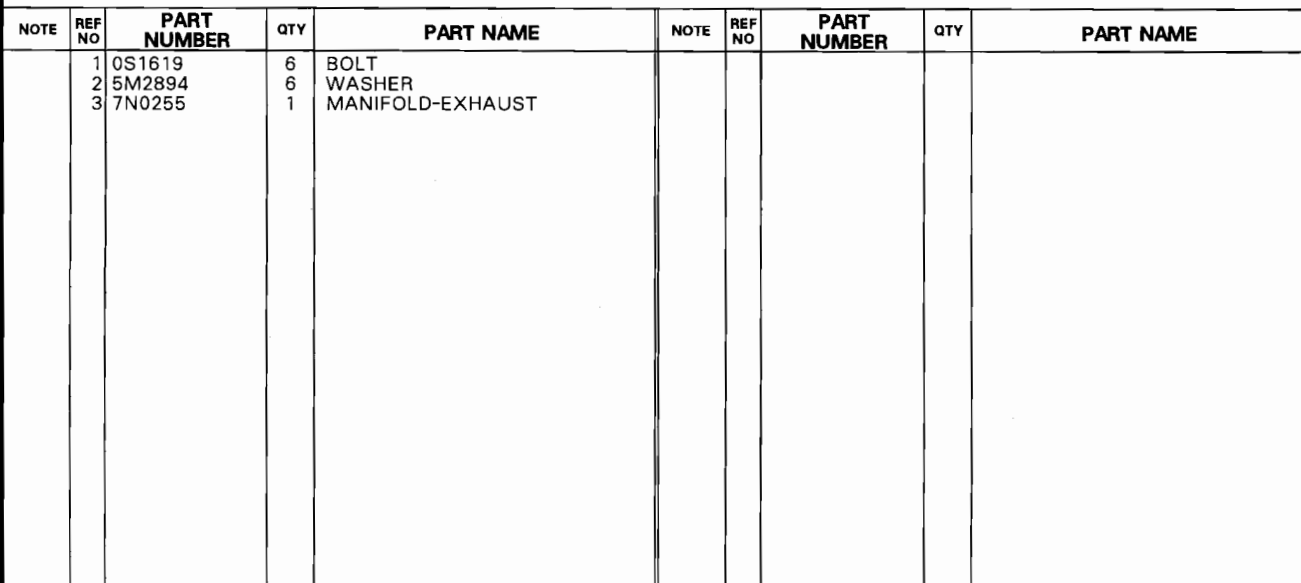
4.01

AIR INLET AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7N0256	1	MANIFOLD-INTAKE					
	2	7N0257	1	GASKET-INTAKE & EXHAUST					
	3	0S1619	2	BOLT					
	4	7H3171	1	PLUG-PIPE					

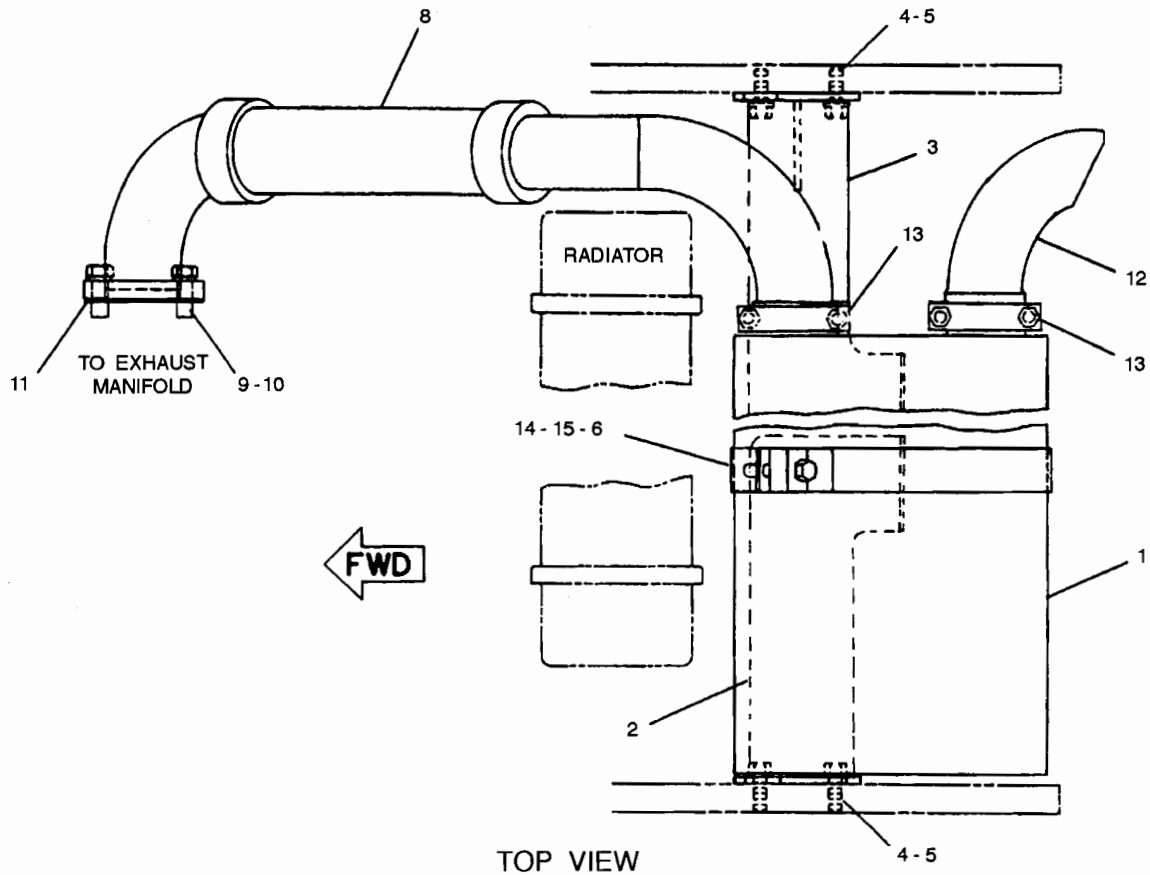
6N9723 MANIFOLD GP - INLET



- 34 - D139175

4.03

AIR INLET AND EXHAUST SYSTEM

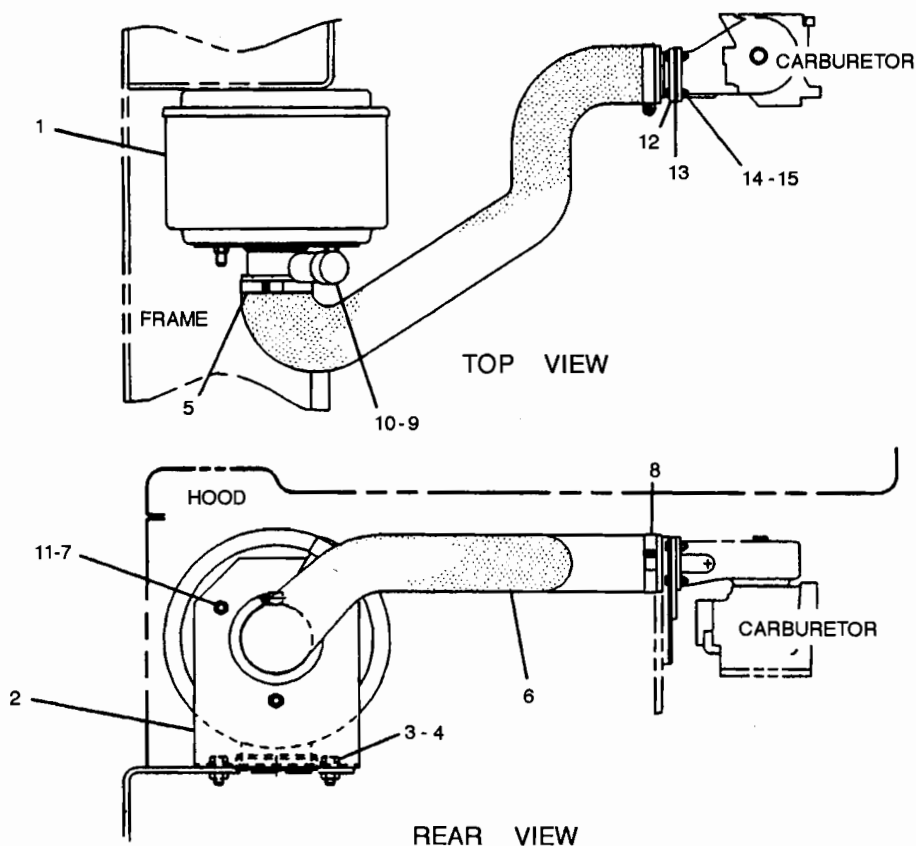


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141161	1	MUFFLER					
	2	6R6304	1	BRACKET AS-MUFFLER L.H.					
	3	6R6305	1	BRACKET AS-MUFFLER R.H.					
	4	6V4248	4	BOLT					
	5	6V5839	4	WASHER					
	6	D130996	2	BAND AS					
	8	D131087	1	TUBE AS					
	9	3B1915	2	BOLT					
	10	5M2894	2	WASHER					
	11	374463	1	GASKET-EXHAUST					
	12	D130918	1	TUBE					
	13	D131279	2	CLAMP					
	14	6V9189	2	NUT-LOCK					
	15	8T4224	2	WASHER					

D130684 MUFFLER GP

4.04

AIR INLET AND EXHAUST SYSTEM

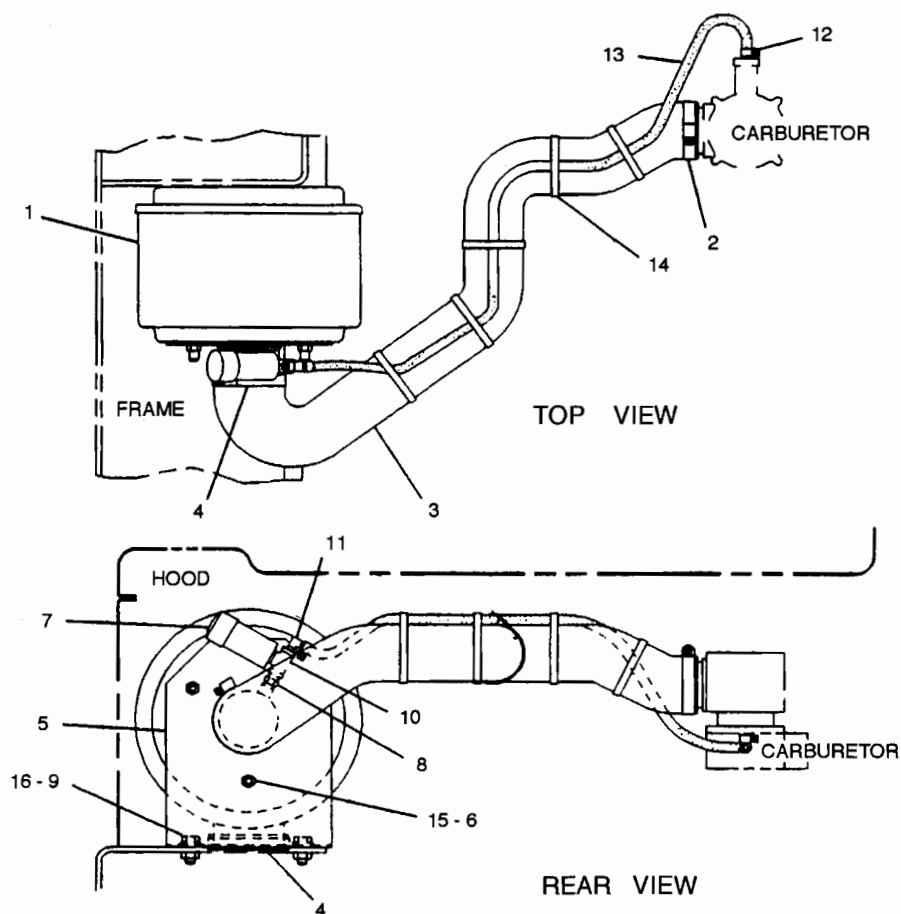


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141120	1	AIR CLEANER GP					
		611449	1	COVER AS					
		1J2890	1	SEAL-O-RING					
		D141107	1	ELEMENT AS-PRIMARY					
		D141106	1	ELEMENT AS-SECONDARY					
	2	D130687	1	BRACKET					
	3	8T4137	2	BOLT					
	4	8T4121	2	WASHER					
	5	9M7959	1	CLAMP-HOSE					
	6	510081	1	HOSE					
	7	5C7261	3	NUT					
	8	1W4724	1	CLAMP					
	9	D141108	1	INDICATOR					
	10	5L3233	1	FITTING					
	11	8T4224	3	WASHER					
	12	863526	1	ADAPTER					
	13	1W4772	1	GASKET					
	14	8T0289	4	BOLT					
	15	5C2874	4	NUT					

D130657 AIR CLEANER GP(GASOLINE)

4.05

AIR INLET AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	D141120	1	AIR CLEANER GP					
	2	1W4724	1	CLAMP					
	3	510082	1	HOSE					
	4	9M7959	2	CLAMP-HOSE					
	5	D130687	1	BRACKET					
	6	5C7261	3	NUT					
	7	D141109	1	INDICATOR					
	8	5L3233	1	FITTING					
	9	8T4136	2	BOLT					
	10	5P3422	1	TEE					
	11	5P4536	1	ELBOW					
	12	1P4278	2	CLAMP					
	13	8C3391	90	HOSE-CM					
	14	6K0806	5	STRAP					
	15	8T4224	3	WASHER					
	16	8T4121	2	WASHER					

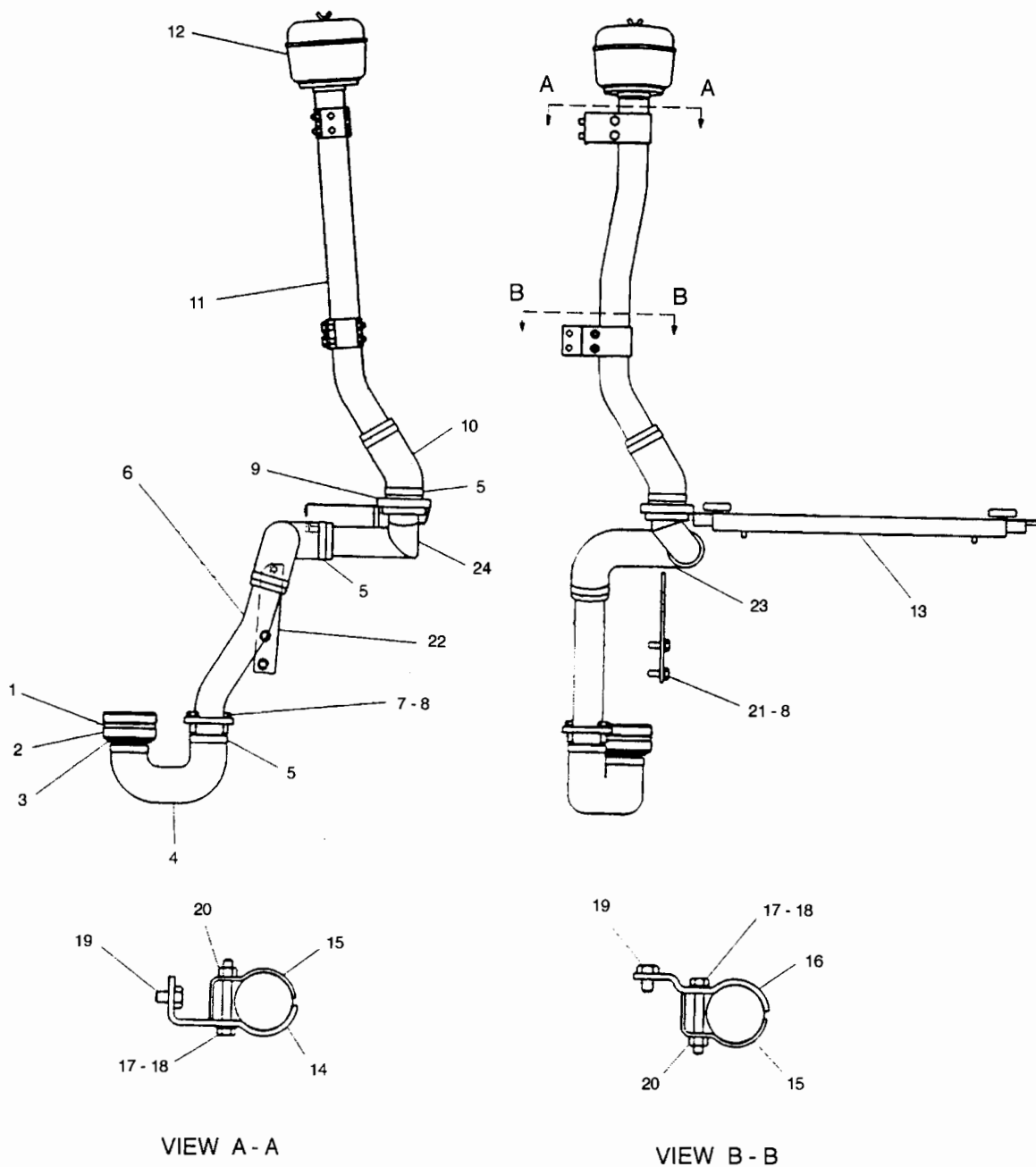
E-ORDER BY THE CENTIMETER

D130658 AIR CLEANER GP (LP)

Refer To Fig.4.051

4.051

AIR INLET AND EXHAUST SYSTEM



D130977 CHANGEOVER AR - HIGH PRECLEANER

An Attachment
Refer To Fig.4.05

4.051

AIR INLET AND EXHAUST SYSTEM

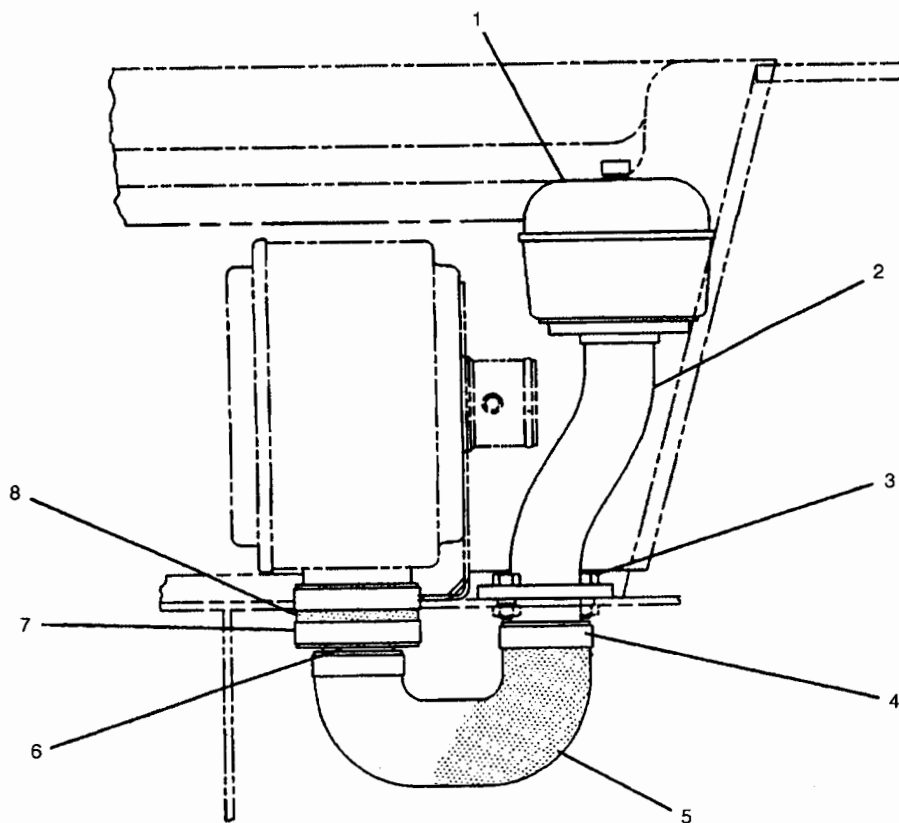
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	908508	1	HOSE					
	2	5P0598	2	CLAMP-HOSE					
	3	392154	1	ADAPTER					
	4	5I0097	1	HOSE					
	5	1W4724	6	CLAMP					
	6	D130976	1	TUBE AS					
	7	8T4136	2	BOLT					
	8	8T4121	4	WASHER					
	9	D131229	1	MOUNT-RESILIENT					
	10	D130978	1	HOSE					
	11	D130979	1	TUBE AS					
	12	D131257	1	PRECLEANER AS					
	13	D130981	1	PANEL AS					
	14	8Q2292	1	BRACKET					
	15	8Q2290	2	BRACKET					
	16	8Q2291	1	BRACKET					
	17	8T6869	4	BOLT					
	18	8T4224	4	WASHER					
	19	321952	4	SCREW-TAPPING					
	20	5C7261	4	NUT					
	21	8T4195	2	BOLT					
	22	D130984	1	PLATE					
	23	D130982	1	HOSE					
	24	D130972	1	TUBE AS					

D130977 CHANGEOVER AR - HIGH PRECLEANER

An Attachment
Refer To Fig.4.05

4.06

AIR INLET AND EXHAUST SYSTEM

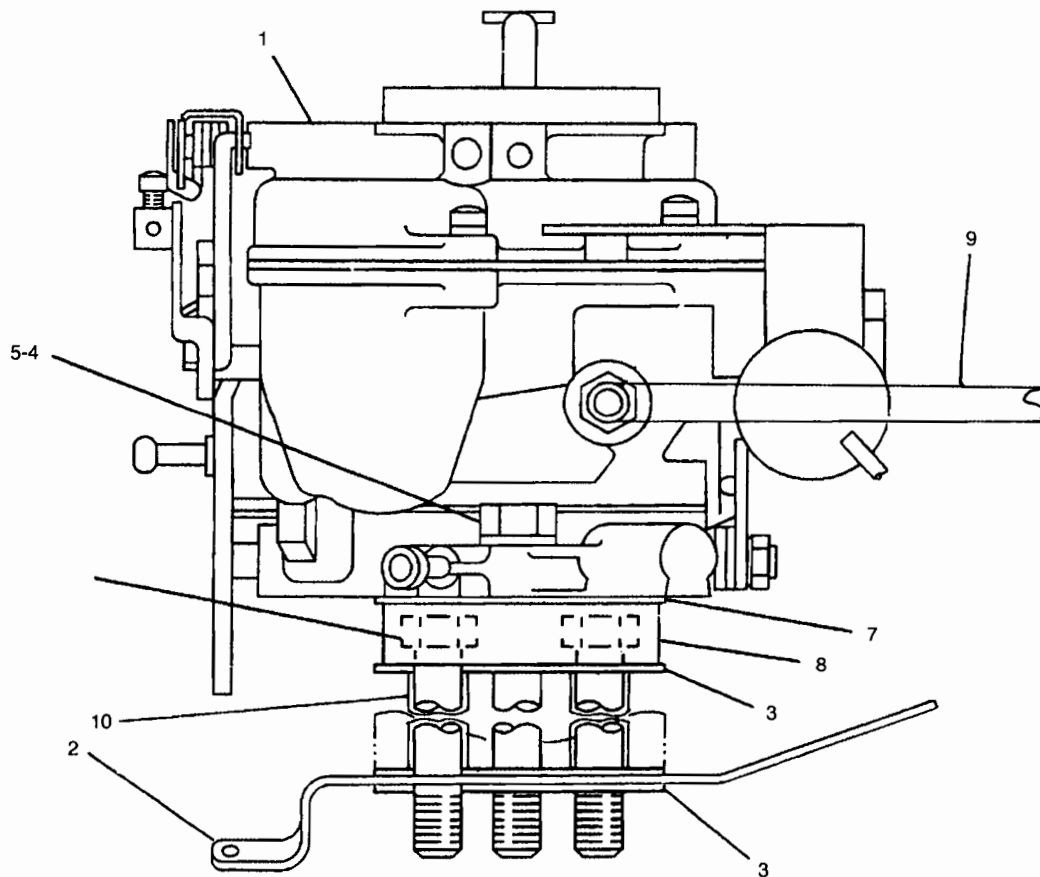


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D131257	1	PRECLEANER AS					
	2	5I0249	1	TUBE AS					
	3	8T4136	2	BOLT					
	4	1W4724	2	CLAMP					
	5	5I0097	1	HOSE					
	6	392154	1	ADAPTER					
	7	9M7959	1	CLAMP-HOSE					
	8	908508	1	HOSE					

D131271 CHANGEOVER AR - PRECLEANER
An Attachment

5.01

FUEL SYSTEM



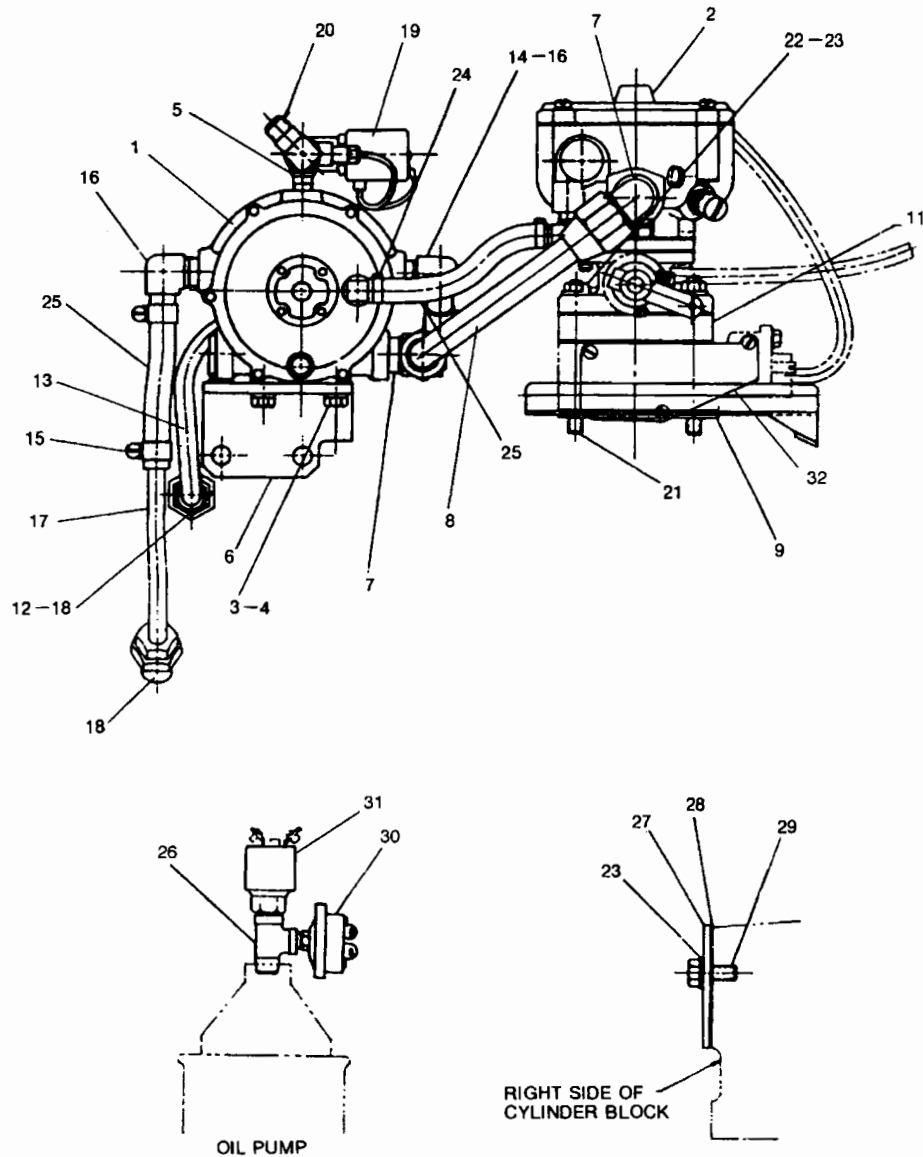
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	4P1541	1	CARBURETOR AS					
	2	7N9799	1	SHIELD-CARBURETOR HEAT					
	3	7C6162	3	GASKET					
	4	7X0274	2	BOLT					
	5	8T4224	4	WASHER					
	6	6V8918	2	BOLT					
	7	4P1473	1	GASKET					
	8	4P1474	1	SPACER					
	9	907347	40	HOSE-CM					
	10	4P4668	2	SLEEVE					
		4P4219	1	SOLENOID,KIT					
		4P4220	1	ACTUATOR					
		4P4221	1	REPAIR KIT,CARBURETOR					

E-ORDER BY THE CENTIMETER

4P1542 CARBURETOR GP (GAS)

5.02

FUEL SYSTEM



D141308 CARBURETOR GP (LP)

D141318 - Page 43

Part Of D130675 Changeover Ars

Refer To Fig.5.021

5.02

FUEL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D141318	1	CONVERTER AS					
	2	9Y5061	1	CARBURETOR GP					
	3	0S1615	2	BOLT					
	4	8T4205	2	WASHER-HARD					
	5	3B6773	1	ELBOW					
	6	1005669	1	BRACKET					
	7	7S7369	2	ELBOW					
	8	9Y5060	1	TUBE AS					
	9	7C6162	4	GASKET					
	11	2W8486	1	SPACER					
	12	9F9920	1	BUSHING					
	13	4P2249	1	TUBE AS					
	14	8N1127	1	HOSE					
	15	5P4961	4	CLAMP-HOSE					
	16	065490	2	ELBOW					
	17	4P2944	1	TUBE AS					
	18	5K9248	2	CONNECTOR-INVERTED FLARED					
	19	341545	1	FUEL LOCK AS					
C1	-	D148482	1	FUEL LOCK AS (09-1109~UP) (10-2078~UP) (11-0723~UP) (12-8115~UP)					
	20	3B9407	1	ELBOW-FLARED					
	21	2A5705	2	STUD					
	22	1B4202	2	NUT-FUEL					
	23	9M1974	4	WASHER					
	24	1P4278	2	CLAMP					
	25	5P1442	24	HOSE (BULK)-CM					
E	26	5P3422	1	TEE					
	27	334290	1	COVER					
	28	9L8175	1	GASKET-FUEL TRANSFER					
	29	0S1617	2	BOLT					
	30	024759	1	SWITCH AS					
A	31	D147495	1	SWITCH AS					
A	32	7E5090	1	GOVERNOR					

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION
A-NOT PART OF THIS GROUP
C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D141308 CARBURETOR GP (LP)

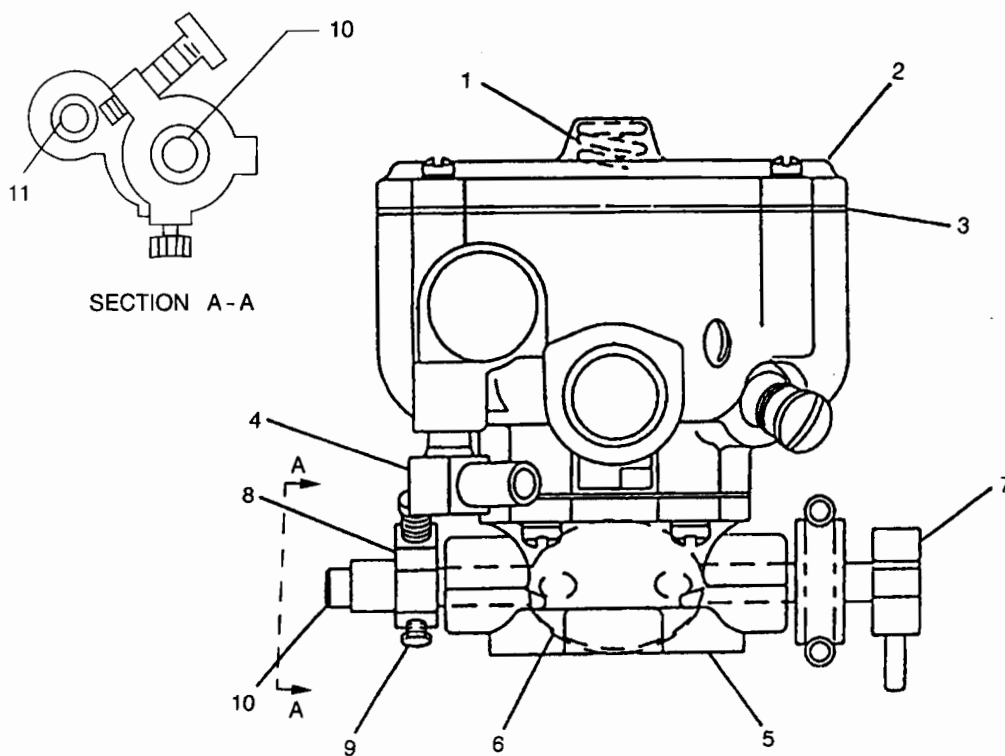
D141318 - Page 43

Part Of D130675 Changeover Ars

Refer To Fig.5.021

5.021

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8N0179	1	SPRING					
	2	8N0180	1	COVER-CARBURETOR					
	3	7W5191	1	DIAPHRAGM AS					
	4	8N6092	1	ELBOW					
	5	8N0173	1	BODY GP-THROTTLE					
	6	8N0175	1	DISC-THROAT					
	7	8N0174	1	LEVER AS					
	8	8N0217	1	LEVER AS-STOP					
	9	6L5296	1	SCREW					
	10	8N0176	1	SHAFT-THROTTLE					
				THE FOLLOWING REPAIR					
				KITS ARE AVAILABLE :					
		8N0177	1	KIT-CARBURETOR GASKET					
		8N0178	1	KIT-CARBURETOR BEARING					
				(INCLUDES BEARINGS					
				SEALS AND RINGS)					
		8N0181	1	KIT-CARBURETOR HARDWARE					
				(INCLUDES SCREWS					
				AND SCREW AS)					
		7C3738	1	KIT-RETURN SPRING					
A	11	A213837	1	BUSHING					

A-NOT PART OF THIS GROUP

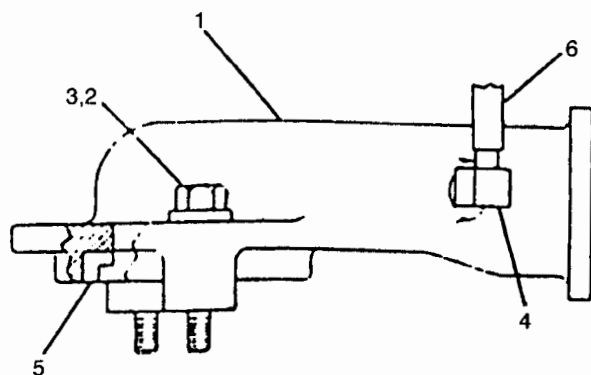
9Y5061 CARBURETOR GP - BASIC - LIQUID PROPANE

Part Of 9Y8463 Carburetor

Refer To Fig.5.02

5.03

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	4P1472	1	ELBOW
	2	8T4205	2	WASHER
	3	7X2533	2	BOLT
	4	5P4536	1	ELBOW
	5	4P1471	1	SEAL
	6	8C3391	30	HOSE-CM

4P1543 ELBOW GP - CARBURETOR

FUEL SYSTEM

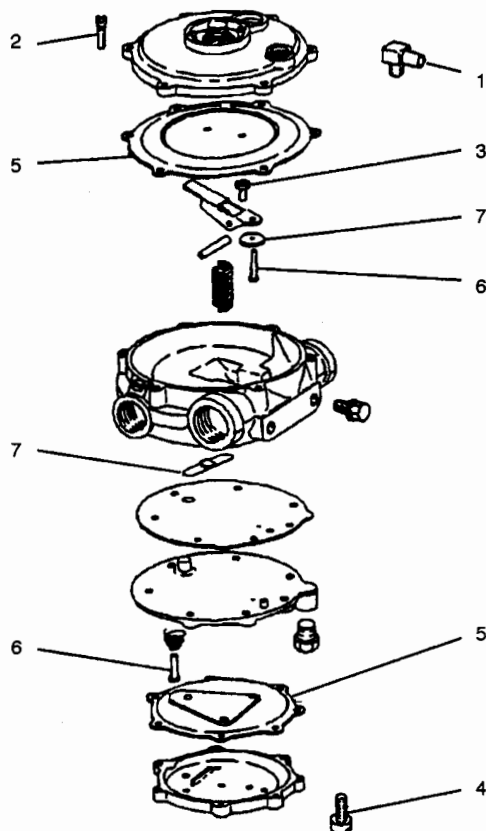
1	7X2533	BOLT
1	8T3844	BOLT
1	4P1475	ELBOW
1	5P4536	ELBOW
1	8C3391	HOSE
1	4P1471	SEAL
2	8T4205	WASHER

9Y8435 ELBOW GP - CARBURETOR
Part Of D141082 Adaptor - Dual Fuel
An Attachment

MEMORANDA

5.04

FUEL SYSTEM



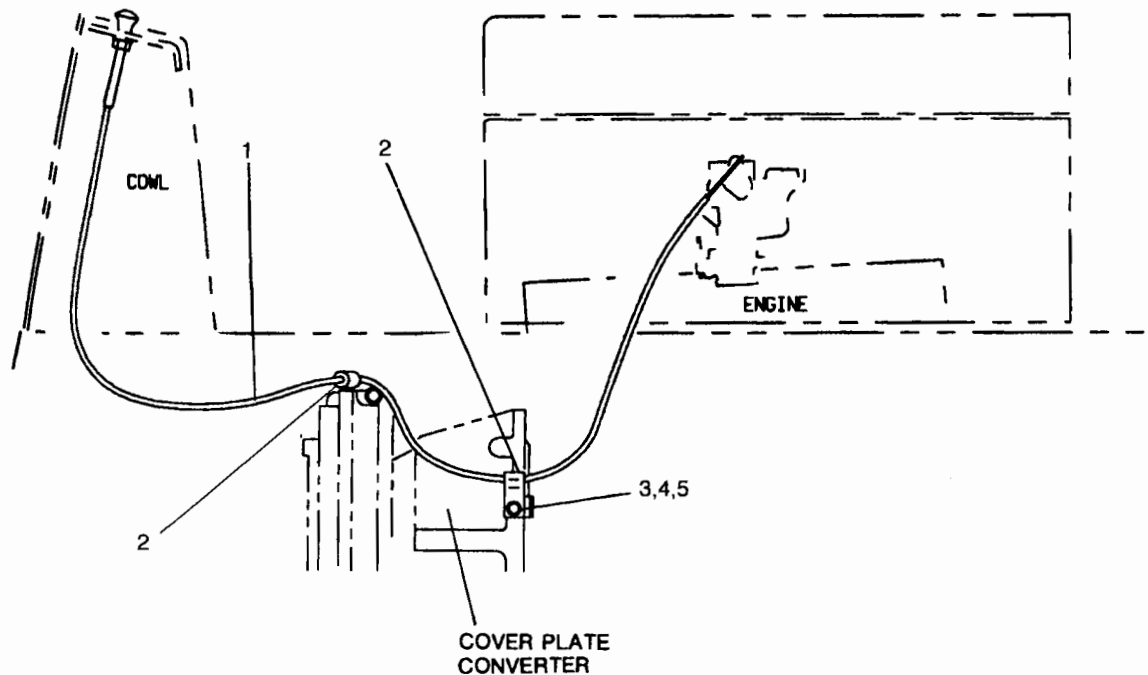
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
JZ	1	8N6092	1	ELBOW					
JZ	2	-	2	SCREW					
JZ	3	-	1	SCREW					
JZ	4	-	1	SCREW					
JZ	5	-	2	DIAPHRAGM AS					
JZ	6	-	2	PIN					
JZ	7	-	2	SEAT					
		8H0200	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE : KIT-CONVERTER (INCLUDES PARTS MARKED J)					
C1	-	D141319	1	KIT-CONVERTER (INCLUDES PARTS MARKED J) (09-6411~UP) (10-0904~UP) (11-0154~UP) (12-2427~UP)					

Z-NOT SERVICED SEPARATELY
C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D141318 CONVERTER AS - LP
Part Of D141308 Carburetor
An Attachment

5.05

FUEL SYSTEM

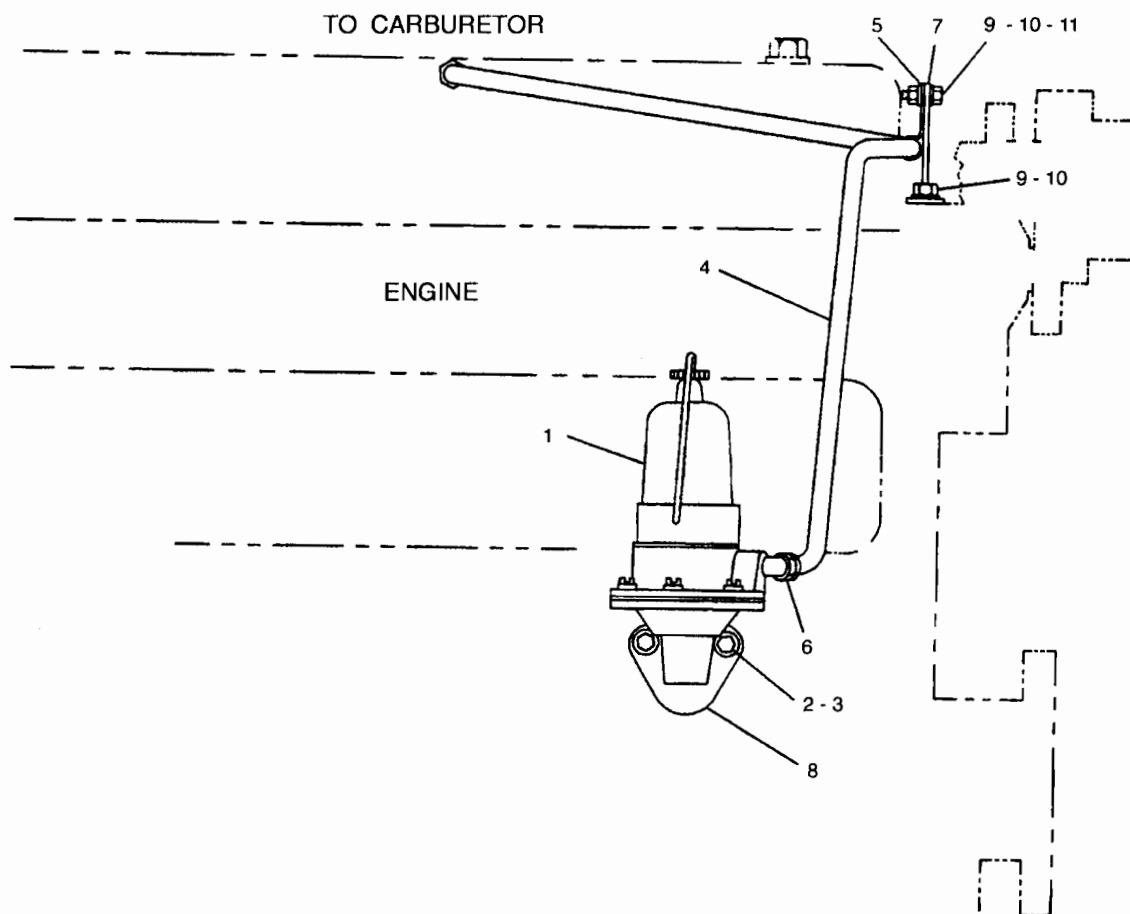


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D131019	1	CABLE AS-CHOKE					
	2	2B2404	2	CLIP					
	3	8T4191	1	BOLT					
	4	8T4133	1	LOCKNUT					
	5	8T4121	1	WASHER					

D131029 PRIMER GP - FUEL (GAS)

5.06

FUEL SYSTEM

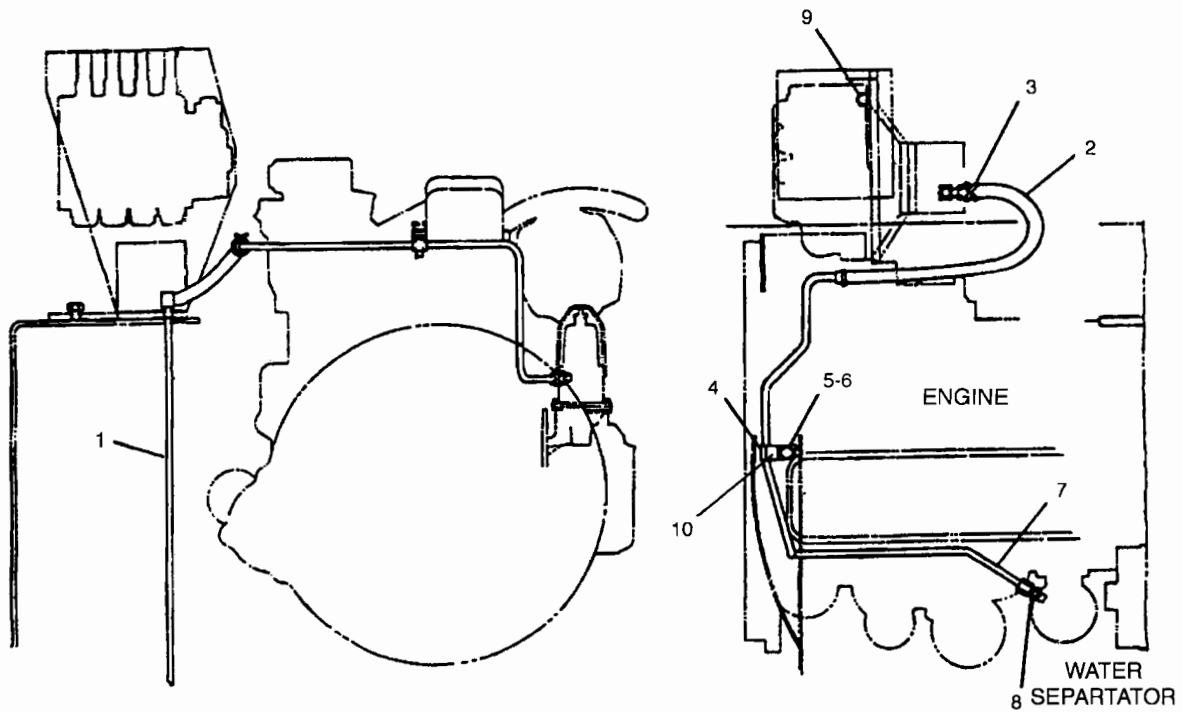


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7N0518	1	PUMP GP					
		7N0519	1	ELEMENT					
		7N0520	1	BOWL					
	2	2B2695	2	BOLT					
	3	8T4224	2	WASHER					
	4	4P1562	1	TUBE AS-FUEL					
	5	5P9085	1	CLIP					
	6	9S7698	1	ELBOW-FLARED					
	7	4W6622	1	BRACKET					
	8	9L8175	1	GASKET-FUEL TRANSFER					
	9	0S0509	2	BOLT					
	10	5M2894	3	WASHER					
	11	9S8752	1	NUT-FULL					

4W1575 PUMP GP - FUEL (GAS)

5.07

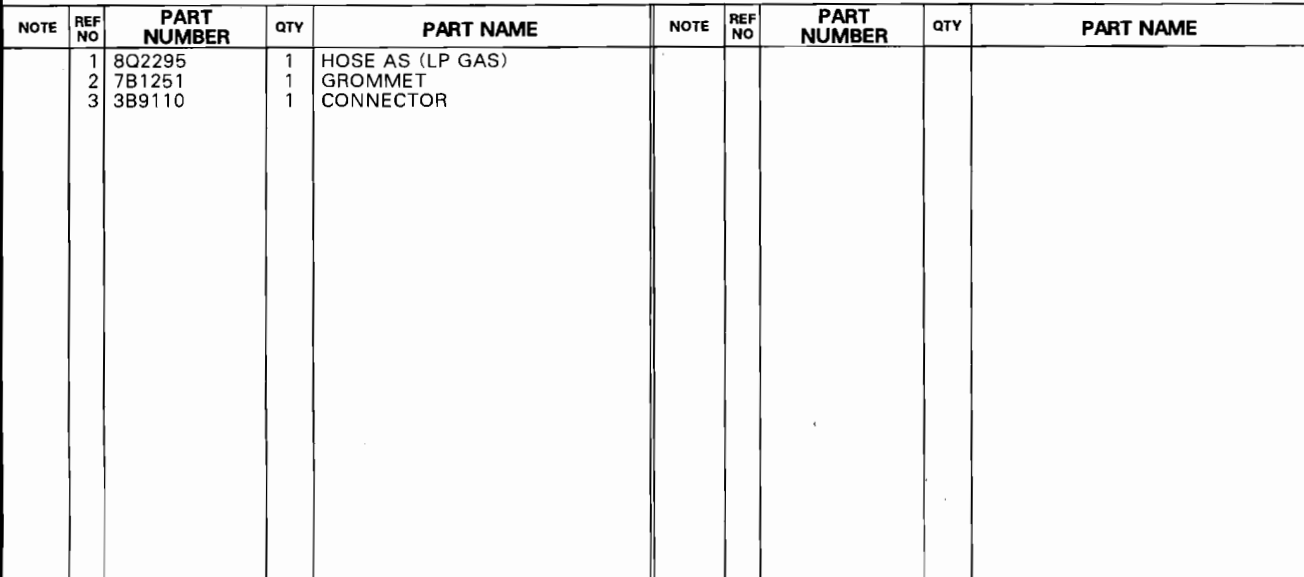
FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	863413	1	TUBE AS					
	2	8T2436	37	HOSE-CM					
	3	1P4278	2	CLAMP-HOSE					
	4	909465	1	CLIP					
	5	8T2502	1	BOLT					
	6	8T4896	1	WASHER					
	7	8Q2289	1	TUBE AS					
	8	017025	1	CONNECTOR					
	9	5M6213	1	PLUG					
	10	8R1794	1	BUSHING					

E-ORDER BY THE CENTIMETER

D130949 LINES GP - FUEL (GAS)



- 47 - D139175

5.09

FUEL SYSTEM

PLUG IN PLACE OF FILL VALVE

045020 TANK GP - LP GAS
(43 1/2 Lb Capacity)
An Attachment

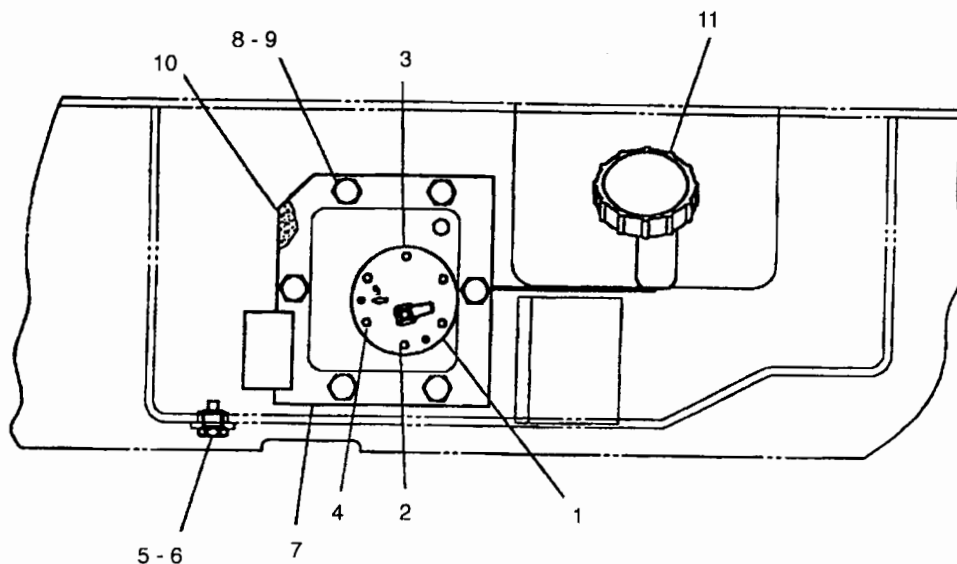
5.10

FILL VALVE IN PLACE OF PLU

081016 TANK GP - LP GAS
(43 1/2 Lb Capacity)
An Attachment

5.11

FUEL SYSTEM

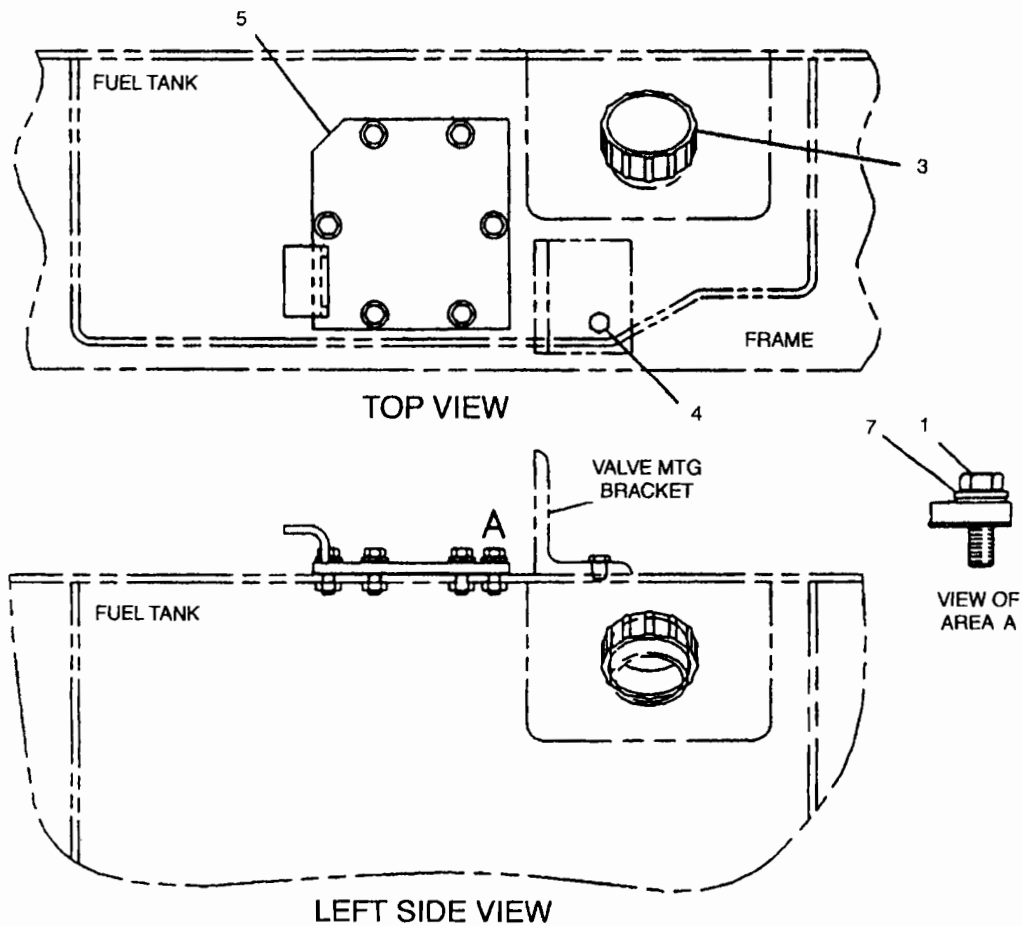


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D130895	1	SENDER AS-FUEL					
	2	8T6693	6	SCREW-MACHINE					
	3	036428	5	WASHER-UNIT MOUNTING					
	4	5B9100	1	GASKET-FUEL VALVE					
	5	316122	1	PLUG-MAGNETIC-O-RING					
	6	3J1907	1	SEAL-O-RING					
	7	D130510	1	PLATE AS					
	8	8T4195	6	BOLT					
	9	5L6267	6	WASHER					
	10	510268	1	GASKET					
	11	D131031	1	CAP AS-FUEL					

D130494 CAP GP - FUEL (GAS)

5.12

FUEL SYSTEM

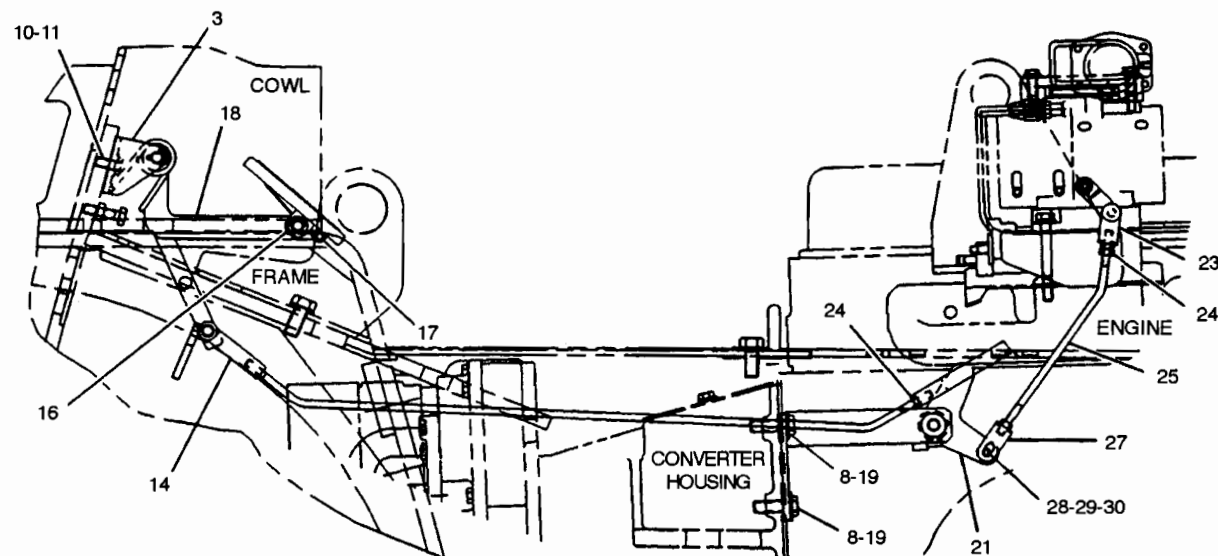
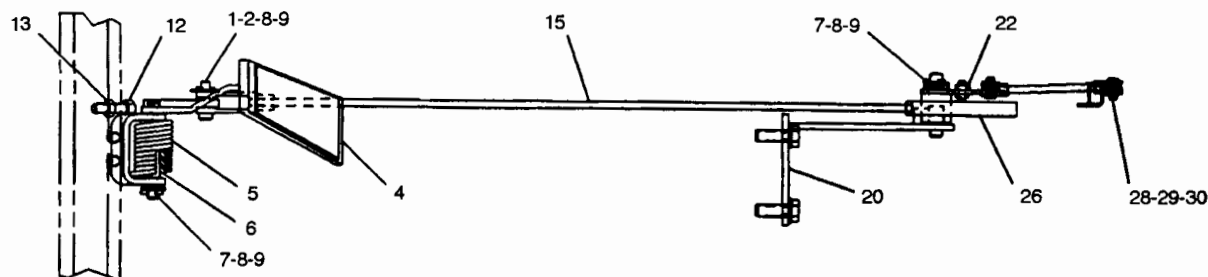


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T4195	6	BOLT					
	3	D131031	1	CAP AS-FUEL					
	4	5M6213	1	PLUG					
	5	D130747	1	PLATE AS					
	7	8T4121	6	WASHER					

D130748 CAP GP - FUEL(LP)

5.13

FUEL SYSTEM

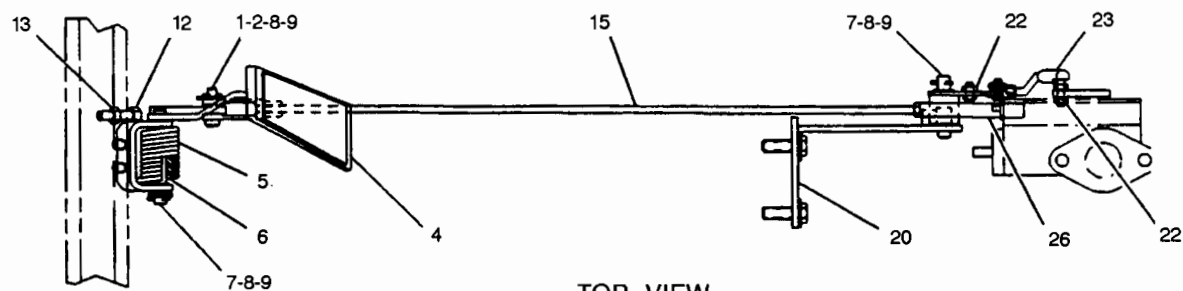


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V8758	1	PIN-CLEVIS		25	863529	1	ROD
	2	3B4615	1	PIN-COTTER		26	909299	1	BALL JOINT
	3	909014	1	BRACKET AS		27	908859	1	CLEVIS
		909243	2	BEARING		28	2B1560	2	PIN
	4	300810	1	PEDAL		29	4B4674	5	WASHER
	5	909287	1	SPRING-TORSION		30	3B4605	2	PIN-COTTER
	6	909491	1	SPACER					
	7	3B4611	2	COTTER PIN					
	8	8T4121	10	WASHER					
	9	371588	7	WASHER-HARD					
	10	8T4200	2	BOLT					
	11	8T4224	2	WASHER					
	12	8T7547	1	BOLT					
	13	5C7261	1	NUT					
	14	D131098	1	CLEVIS					
	15	D130904	1	ROD					
	16	6V8491	1	RING-RETAINING					
	17	909288	1	SPRING-TORSION					
	18	909245	1	PEDAL AS					
	19	8T4196	2	BOLT					
	20	8Q7126	1	BRACKET AS					
	21	908860	1	LEVER AS					
		908861	1	BELLCRANK AS					
	22	6V7743	1	NUT-LOCK					
	23	D130988	1	CLEVIS					
	24	5C2890	2	LOCKNUT					

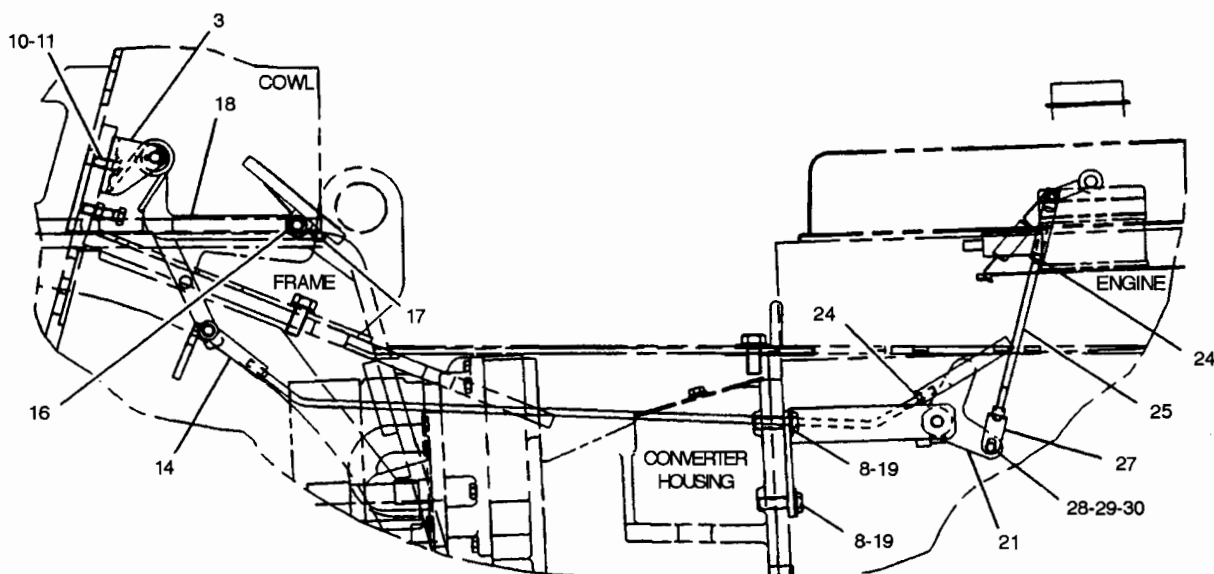
D130910 CONTROL GP - ACCELERATION (GAS)

5.14

FUEL SYSTEM



TOP VIEW



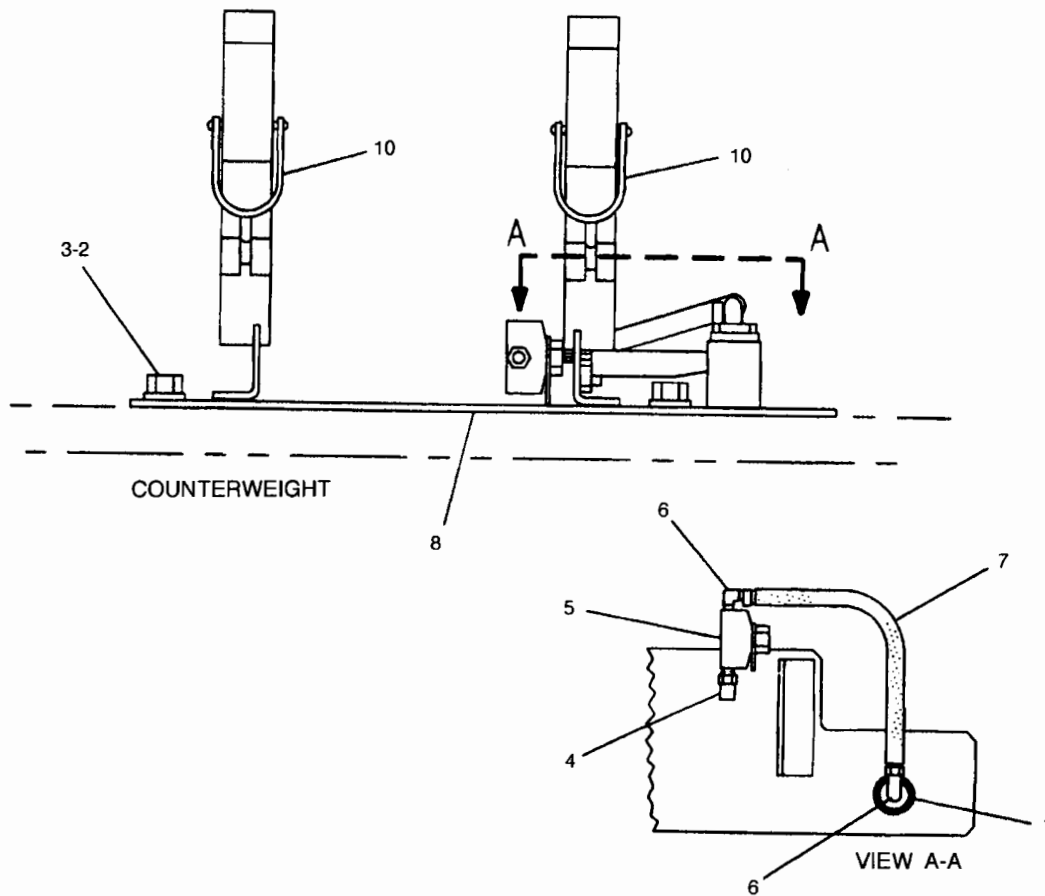
LEFT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V8758	1	PIN-CLEVIS		25	D130902	1	ROD
	2	6V8136	1	COTTER		26	909299	1	BALL JOINT
	3	909014	1	BRACKET AS		27	908859	1	CLEVIS
		909243	1	BEARING		28	2B1560	1	PIN
	4	300810	1	PEDAL		29	4B4674	2	WASHER
	5	909287	1	SPRING-TORSION		30	3B4605	1	PIN-COTTER
	6	909491	1	SPACER					
	7	3B4611	2	COTTER PIN					
	8	8T4121	11	WASHER					
	9	371588	7	WASHER-HARD					
	10	8T4200	2	BOLT					
	11	8T4224	2	WASHER					
	12	8T7547	1	BOLT					
	13	5C7261	1	NUT					
	14	D131098	1	CLEVIS					
	15	D130904	1	ROD					
	16	6V8491	1	RING-RETAINING					
	17	909288	1	SPRING-TORSION					
	18	909245	1	PEDAL AS					
	19	8T4196	2	BOLT					
	20	909310	1	BRACKET AS					
	21	908860	1	LEVER AS					
		908861	1	BELLCRANK AS					
	22	6V7743	2	NUT-LOCK					
	23	D130670	1	BALL JOINT					
	24	5C2890	2	LOCKNUT					

D130672 CONTROL GP - ACCELERATION (LP)

5.15

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	045019	1	CONNECTOR-LP					
	2	8T5379	2	BOLT					
	3	8T5361	2	WASHER					
	4	034609	1	VALVE					
	5	979401	1	FILTER AS					
	6	3B9407	2	ELBOW-FLARED					
	7	308547	1	HOSE AS-LP GAS					
	8	8Q2161	1	PLATE AS					
	10	311011	2	TOGGLE AS					

Y-SEPARATE ILLUSTRATION

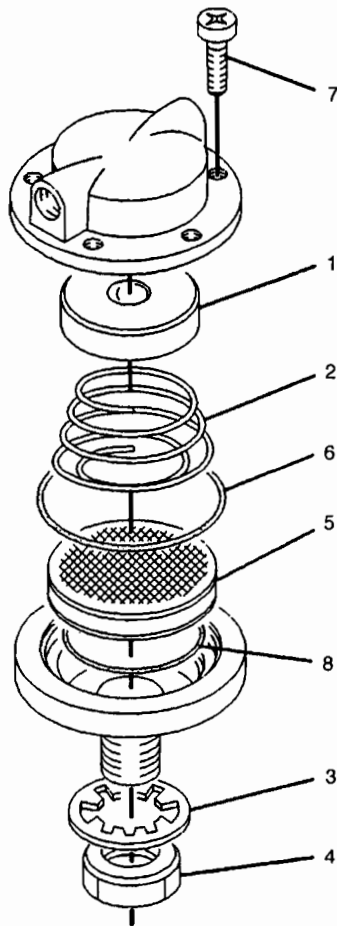
8Q2160 MOUNTING GP - LP GAS TANK

979401 - Page 54

Part Of D130675 Changeover Ars
An Attachment

5.16

FUEL SYSTEM

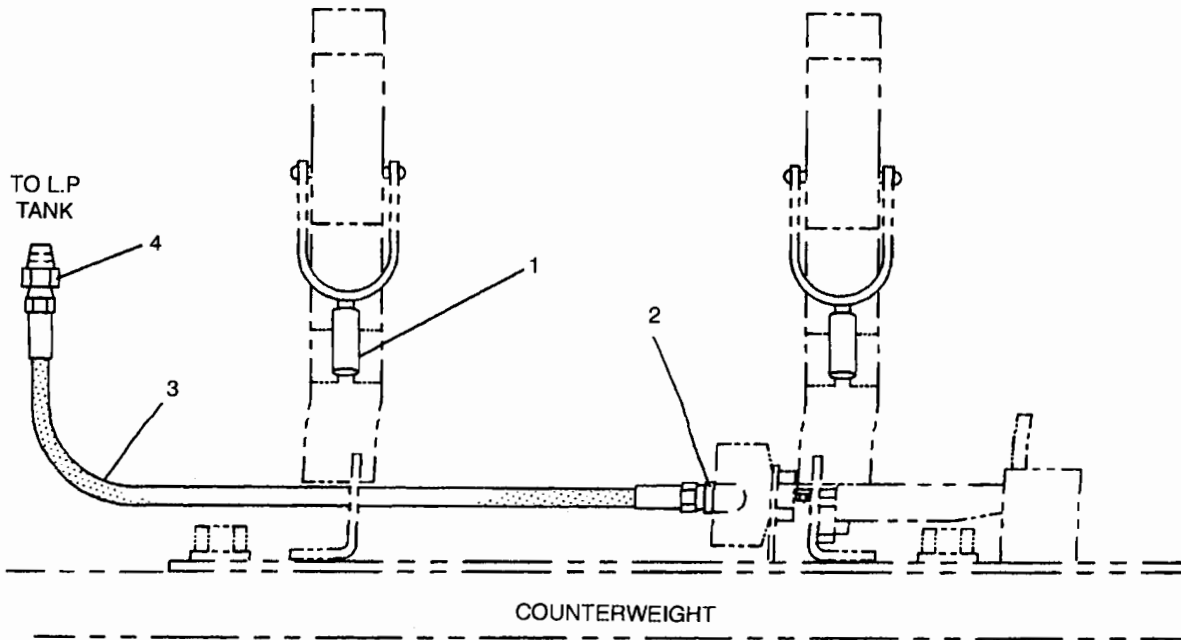


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J J	1	329880	1	MAGNET					
	2	329881	1	SPRING					
	3	2H3923	1	LOCKWASHER					
	4	1D5121	1	NUT-JAM					
	5	329883	1	FILTER ELEMENT					
	6	329882	1	SEAL-O-RING					
	7	4B1308	6	SCREW-MACHINE					
	8	9X7692	1	SEAL-O-RING					
		D141186	1	REPAIR KIT-FILTER AS (INCLUDES PARTS MARKED J)					

979401 FILTER AS
Part Of 8Q2160 Mounting
An Attachment

5.17

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3C6566	2	ADAPTER					
	2	7J8611	1	ELBOW					
	3	3C1051	1	HOSE AS					
	4	3C6429	1	ADAPTER					

909715 CHANGEOVER AR - LP GAS TANK MOUNTING

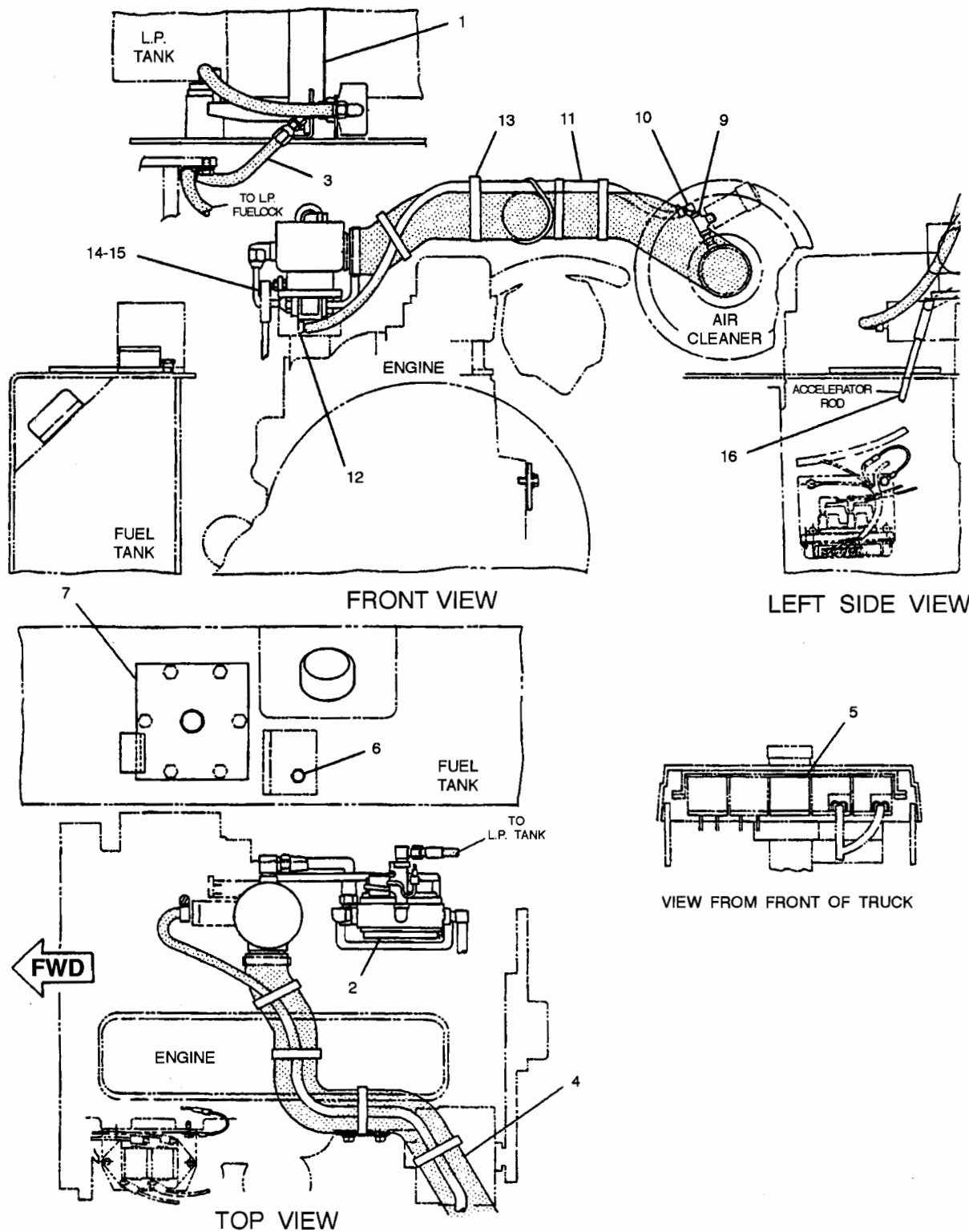
From U.S. Mounting To European Mounting

European Trucks Only

An Attachment

5.18

FUEL SYSTEM



D130675 CHANGEOVER AR - GAS TO LP

9Y8463 Page 41, 8Q2160 Page 53, 8Q2275 Page 47
An Attachment

5.18

FUEL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	8Q2160	1	MOUNTING GP-LP GAS TANK					
Y	2	D141308	1	CARBURETOR GP					
Y	3	8Q2275	1	LINES GP-FUEL 1404 LP					
	4	5I0082	1	HOSE					
	5	A214498	1	GAUGE AS					
	6	5M6213	1	PLUG					
	7	D130747	1	PLATE AS-LP					
	9	5P3422	1	TEE-PIPE					
	10	5P4536	1	ELBOW					
E	11	8C3391	85	HOSE-CM					
	12	1P4278	2	CLAMP					
	13	6K0806	5	STRAP					
	14	D130670	1	BALL JOINT					
	15	6V7743	1	NUT-LOCK					
	16	D130902	1	ROD					

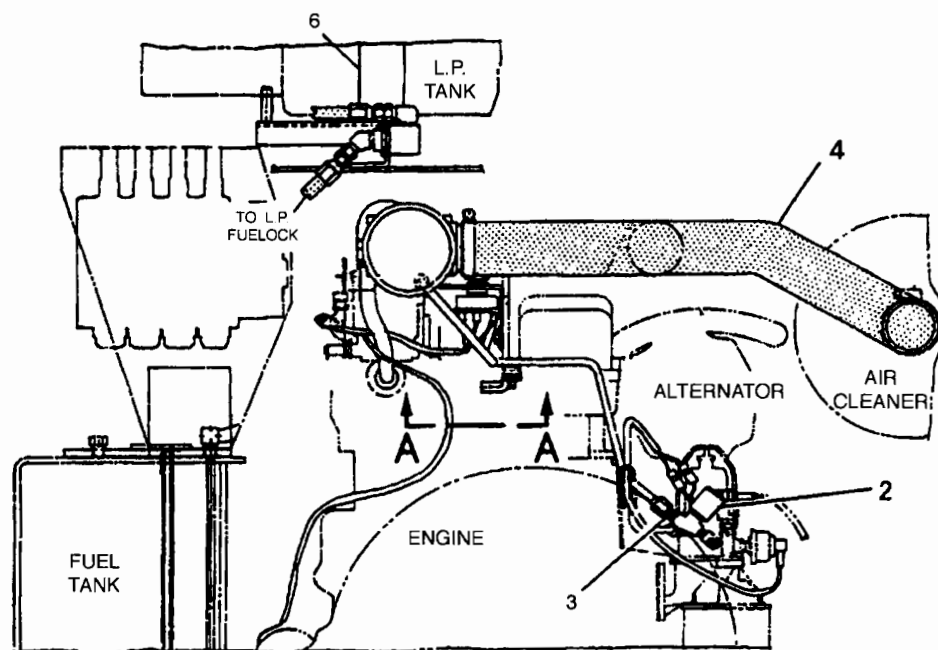
Y-SEPARATE ILLUSTRATION
E-ORDER BY THE CENTIMETER

D130675 CHANGEOVER AR - GAS TO LP

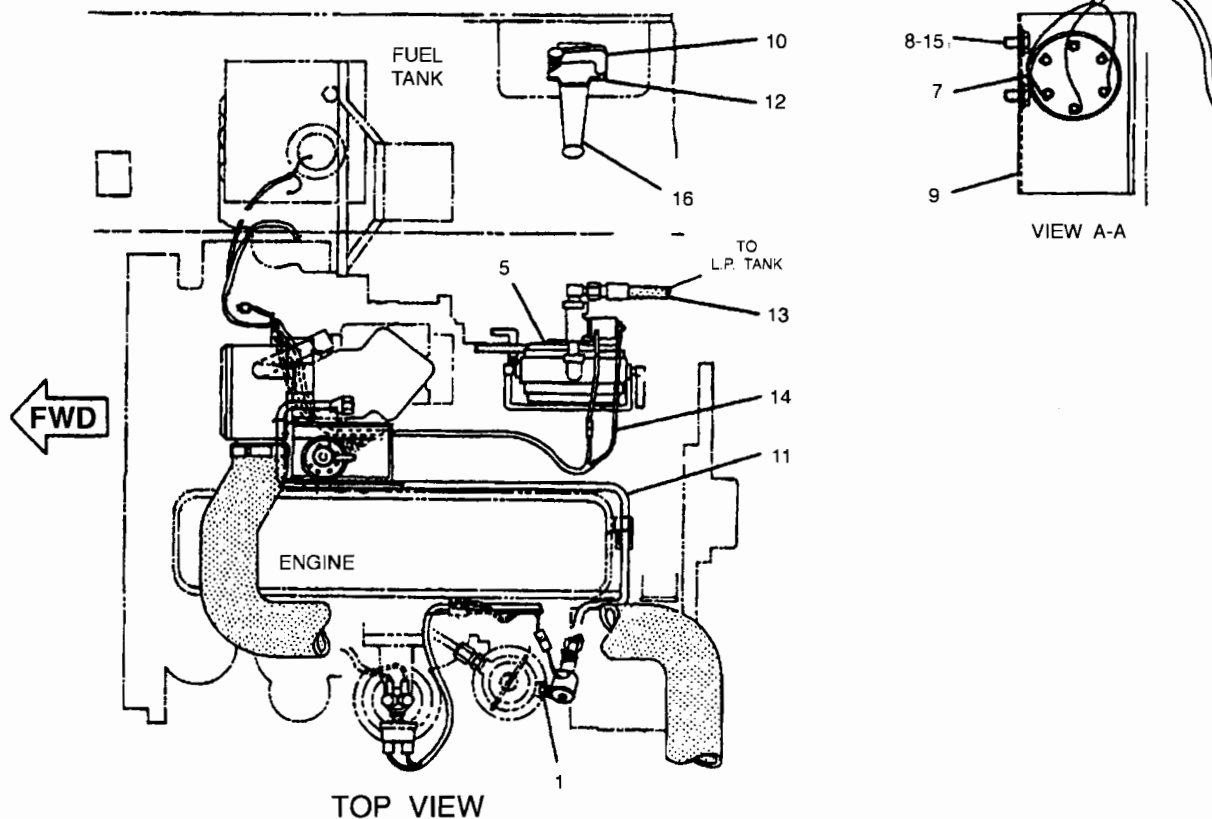
D141308 Page 41, 8Q2160 Page 53, 8Q2275 Page 47
An Attachment

5.19

FUEL SYSTEM



FRONT VIEW



TOP VIEW

D130831 CHG OV AR G TO DUAL (G)

8Q2160 - Page 53, D141082 - Page 58, 8Q2275 - Page 47
An Attachment

5.19

FUEL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V0443	1	ELBOW					
	2	D141060	1	FUEL LOCK AS					
	3	3B9402	1	CONNECTOR-45 FLARED					
	4	5I0087	1	HOSE					
Y	5	D141082	1	ADAPTER GP					
Y	6	8Q2160	1	MOUNTING GP-LP GAS TANK					
	7	905376	1	SWITCH AS					
	8	6V5210	2	SCREW					
	9	6R7155	1	BRACKET					
	10	380086	1	CAP-FUEL FILLER					
	11	863471	1	TUBE AS					
	12	D152201	1	NUT					
Y	13	8Q2275	1	LINES GP-FUEL 1404 LP					
	14	D148472	1	HARNESS AS					
	15	9B7233	2	LOCK WASHER					
	16	398189	1	SCREEN AS-FUEL					

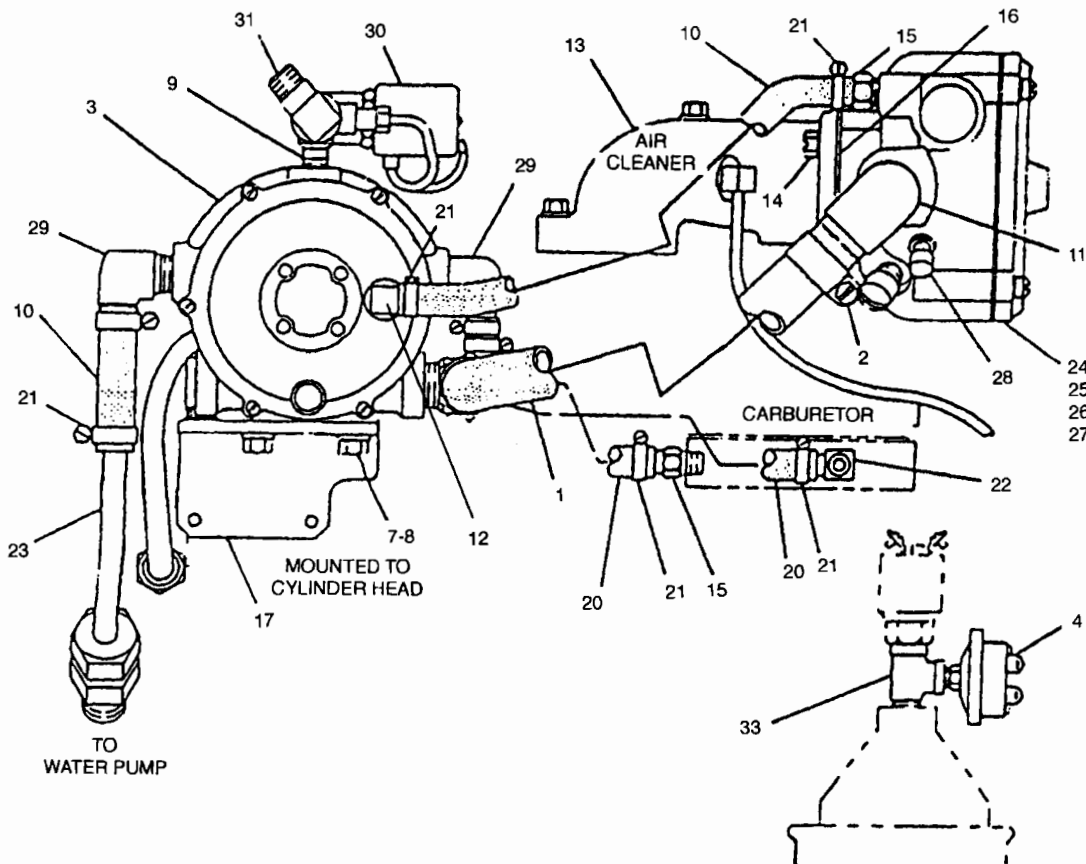
Y-SEPARATE ILLUSATRATION

D130831 CHG OV AR G TO DUAL (G)

8Q2160 - Page 53, D141082 - Page 58, 8Q2275 - Page 47
An Attachment

5.20

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	5P0767	38	HOSE-CM		24	1W4773	1	MIXER AS
	2	5D1026	2	CLAMP-HOSE		25	8N0179	1	SPRING
Y	3	D141309	1	CONVERTER AS		26	8N0180	1	COVER-CARBURETOR
Y C1	-	D141318	1	CONVERTER AS (09-0411~UP) (10-0904~UP) (11-0154~UP) (12-2427~UP)		27	7W5191	1	DIAPHRAGM AS
	4	024759	1	SWITCH AS		28	4W6893	1	BOOT
		6V8363	2	SCREW		29	065490	2	ELBOW
		8F1434	2	WASHER-LOCK		30	D141081	1	FUEL LOCK AS
	7	0S1615	2	BOLT		31	3B9407	1	ELBOW-FLARED
	8	5P0537	2	WASHER-HARD		33	5P3422	1	TEE
	9	3B6773	1	ELBOW					
E	10	5P1442	45	HOSE (BULK)-CM					
	11	9X3959	2	ELBOW					
	12	333168	1	ELBOW					
	13	9Y8435	1	ELBOW GP					
	14	D141290	2	SCREW AS					
	15	8T2173	2	CONNECTOR					
	16	1W4772	1	GASKET					
	17	1005669	2	BRACKET					
	20	908931	6	HOSE-CM					
	21	5P4961	6	CLAMP-HOSE					
	22	1R0559	1	ELBOW-90 DEGREE					
	23	4P2944	1	TUBE AS					

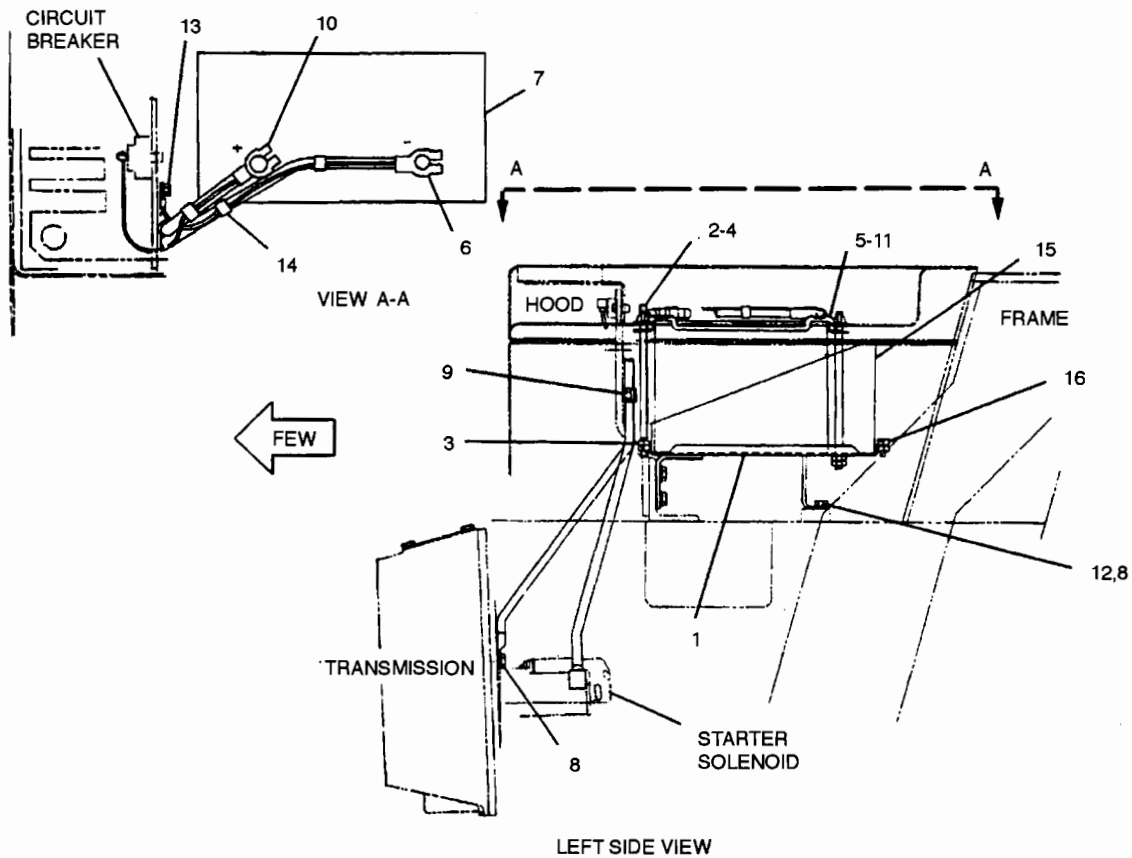
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION
C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN () MEANS SERIAL NUMBER INFORMATION

D141082 ADAPTER GP - DUAL FUEL

Provides a Dual Fuel Conversion, D141318 - Page 43
Part Of D130831 Chageover Ars
An Attachment

6.01

ELECTRICAL SYSTEM



6

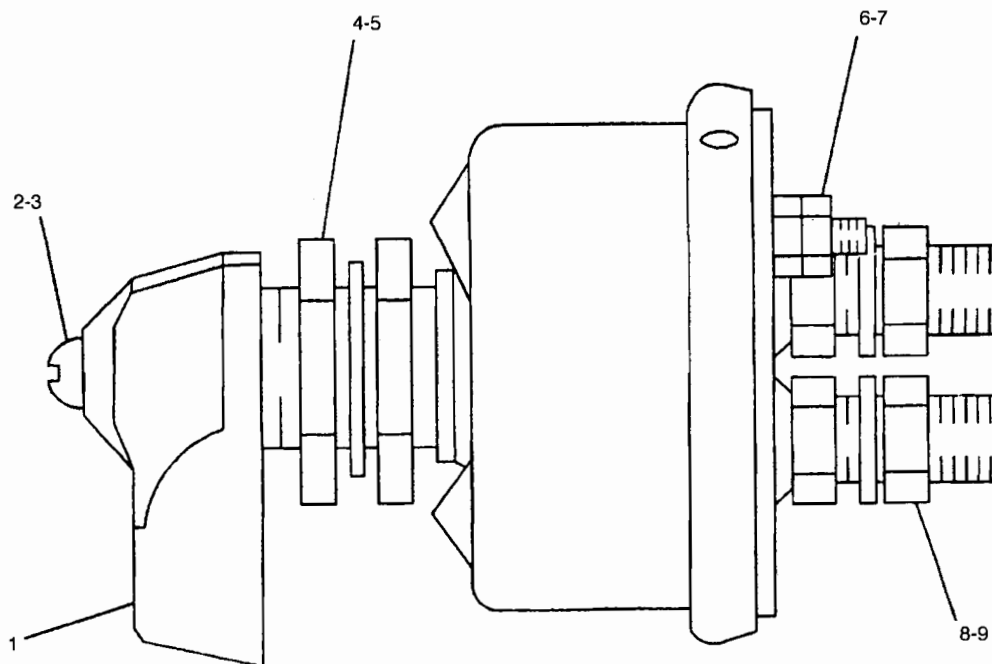
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C1	1	8Q5777	1	TRAY AS-BATTERY	14	6K0806	3	STRAP	
	-	D131174	1	TRAY AS-BATTERY (09-0617~UP) (10-1238~UP) (11-0437~UP) (12-4683~UP)	15	D147318	1	SHIELD AS-HEAT	
					16	6V8212	1	BOLT	
	1	D131174	1	TRAY AS-BATTERY					
	2	D131190	2	STUD					
	3	2Y5829	2	NUT					
	4	6V8949	2	NUT-WING					
	5	908317	1	HOLDDOWN-BATTERY					
	6	D148306	1	CABLE AS-BATTERY-NEG					
		D147329	1	TERMINAL AS-NEG					
		D148313	1	CABLE AS-NEG					
	7	D148304	1	BATTERY AS					
	8	7F6998	2	WASHER-LOCK					
9	4D6466	1	CLIP						
10	D148311	1	CABLE AS-POS						
	D147322	1	PROTECTIVE BOOT-POS						
	D147330	1	TERMINAL AS-POS						
	D148318	1	TERMINAL AS-POS						
	S987027H	1	CAP						
	2Y3374	1	NIPPLE						
11	379560	2	CLIP						
12	8T4191	1	BOLT						
13	1H3338	1	WASHER-LOCK						

C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D131171 BATTERY GP

6.02

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	8F3437	1	LEVER-SWITCH					
Z	2	5L7200	1	SCREW					
Z	3	3B4501	1	LOCKWASHER					
Z	4	8H5303	2	NUT-HEX(SAFT)					
Z	5	2H3922	1	LOCKWASHER					
Z	6	6V8378	2	NUT					
Z	7	8F1434	2	WASHER-LOCK					
Z	8	6F7045	2	NUT-FULL					
Z	9	9F5644	2	LOCKWASHER					

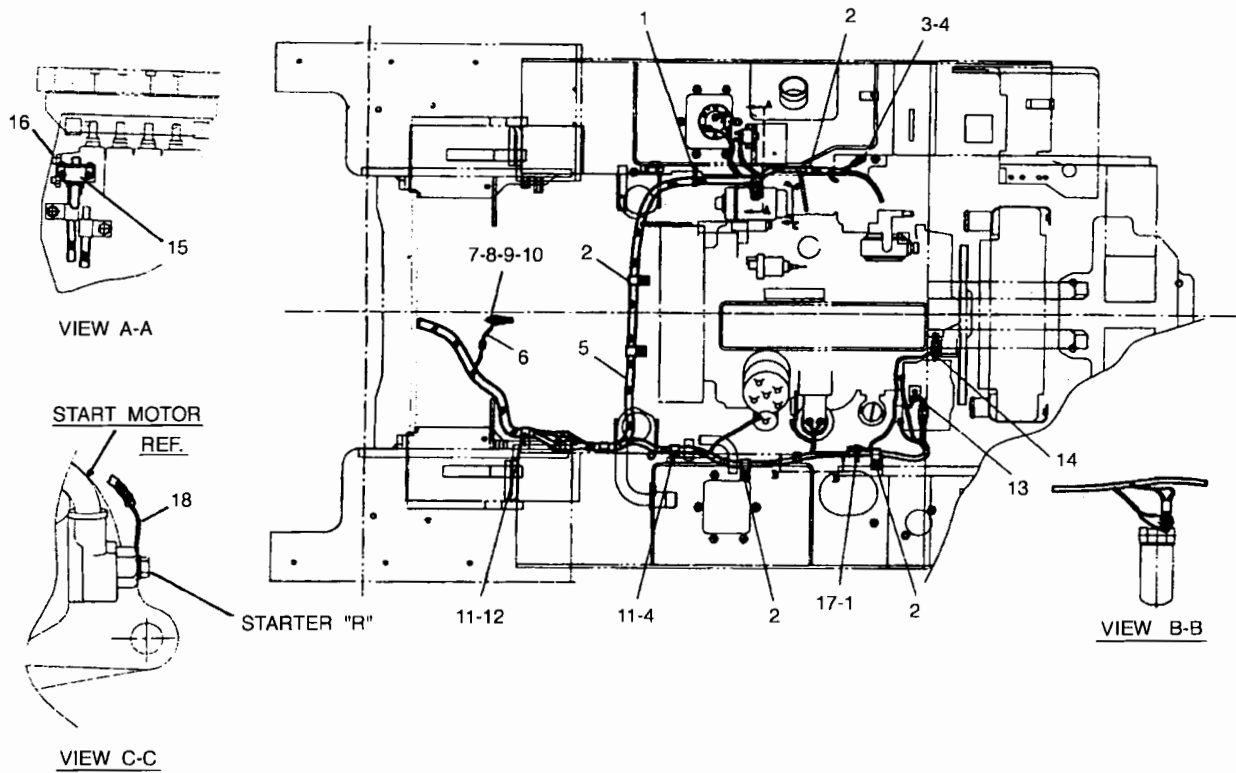
Z-NOT SERVICED SEPARATELY

6R6977 SWITCH AS - MASTER DISCONNECT

Part Of D130639 Changeover Ar
An Attachment

6.03

ELECTRICAL SYSTEM



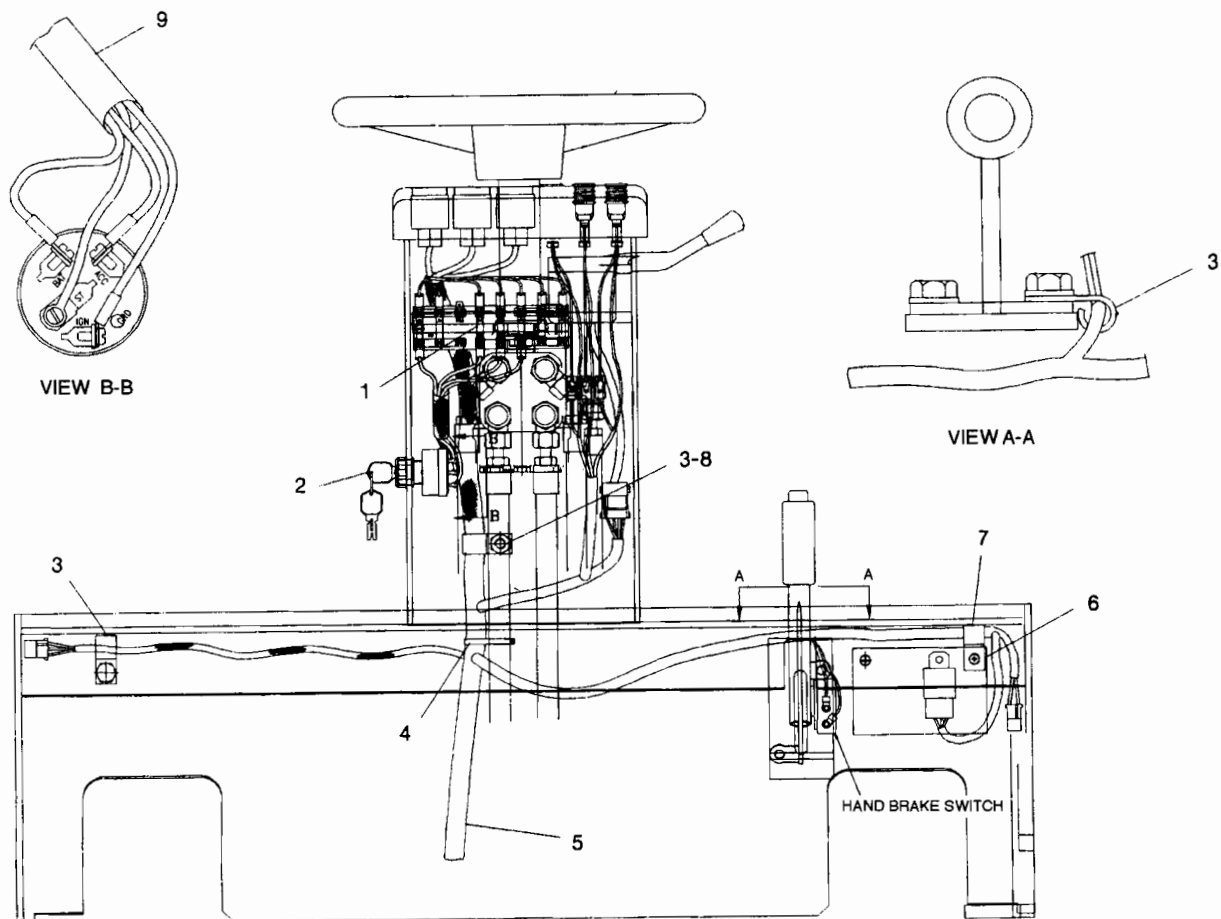
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C1	1	6K0806	3	STRAP					
	2	5P4620	5	CLIP					
	3	6V5839	1	WASHER					
	4	6V8084	3	BOLT					
	5	D148471	1	HARNESS AS-E/G					
	-	D148463	1	HARNESS AS-E/G (09-0617~UP) (10-1234~UP) (11-0437~UP) (12-4684~UP)					
	6	D147409	1	WIRE AS-T/M OIL TEMP					
	7	1W3185	1	SENDER-TEMP					
	8	4B4274	1	WASHER					
	9	7F7622	1	NUT					
	10	9F8125	1	LOCKWASHER					
	11	6D4244	3	CLIP					
	12	S0508663	1	BOLT					
	13	D147103	1	WIRE AS					
	14	7N8532	1	SENDER-TEMPERATURE					
	15	9S0173	1	BREAKER-CIRCUIT					
	16	7S4338	2	SCREW					
	17	D148003	1	DIODE AS					
	18	D148479	1	WIRE AS-DIODE					

C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D148468 WIRING GP - INSTRUMENT & IGNITION - PART 1 OF 3

6.04

ELECTRICAL SYSTEM



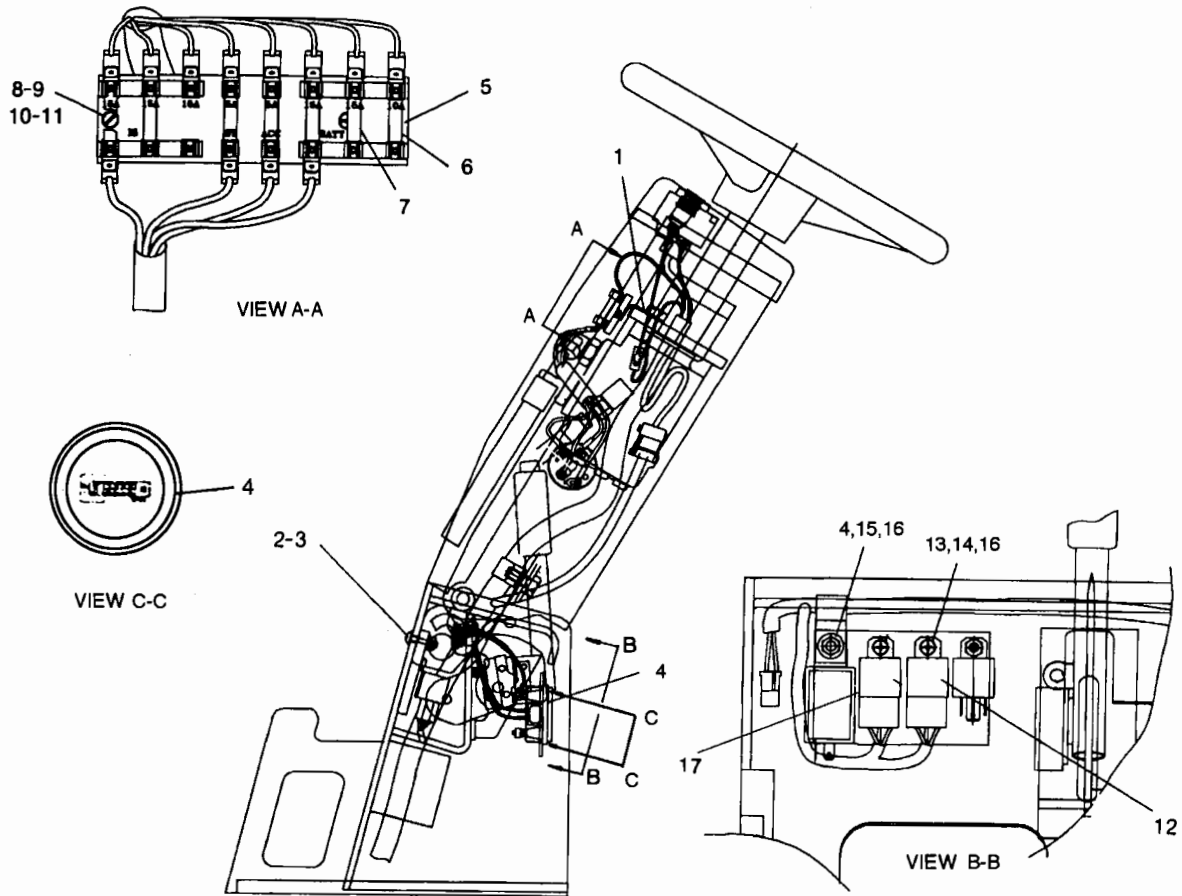
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C1	1	2S6024	2	FUSE					
	2	D147482	1	SWITCH AS-IGNITION					
		6T2663	1	KEY SET					
	3	5P4620	3	CLIP					
	4	6K0806	1	STRAP					
	5	D148481	1	HARNESS AS-INSTRUMENT					
	-	D148484	1	HARNESS AS-INSTRUMENT (09-0948~UP) (10-1089~UP) (11-0593~UP) (12-6738~UP)					
	6	D131192	1	PLATE					
	7	D560086	1	CLIP					
	8	5P7970	1	NUT					
	9	D148476	1	HARNESS AS-IGN					

C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D148468 WIRING GP - INSTRUMENT & IGNITION - PART 2 OF 3

6.05

ELECTRICAL SYSTEM



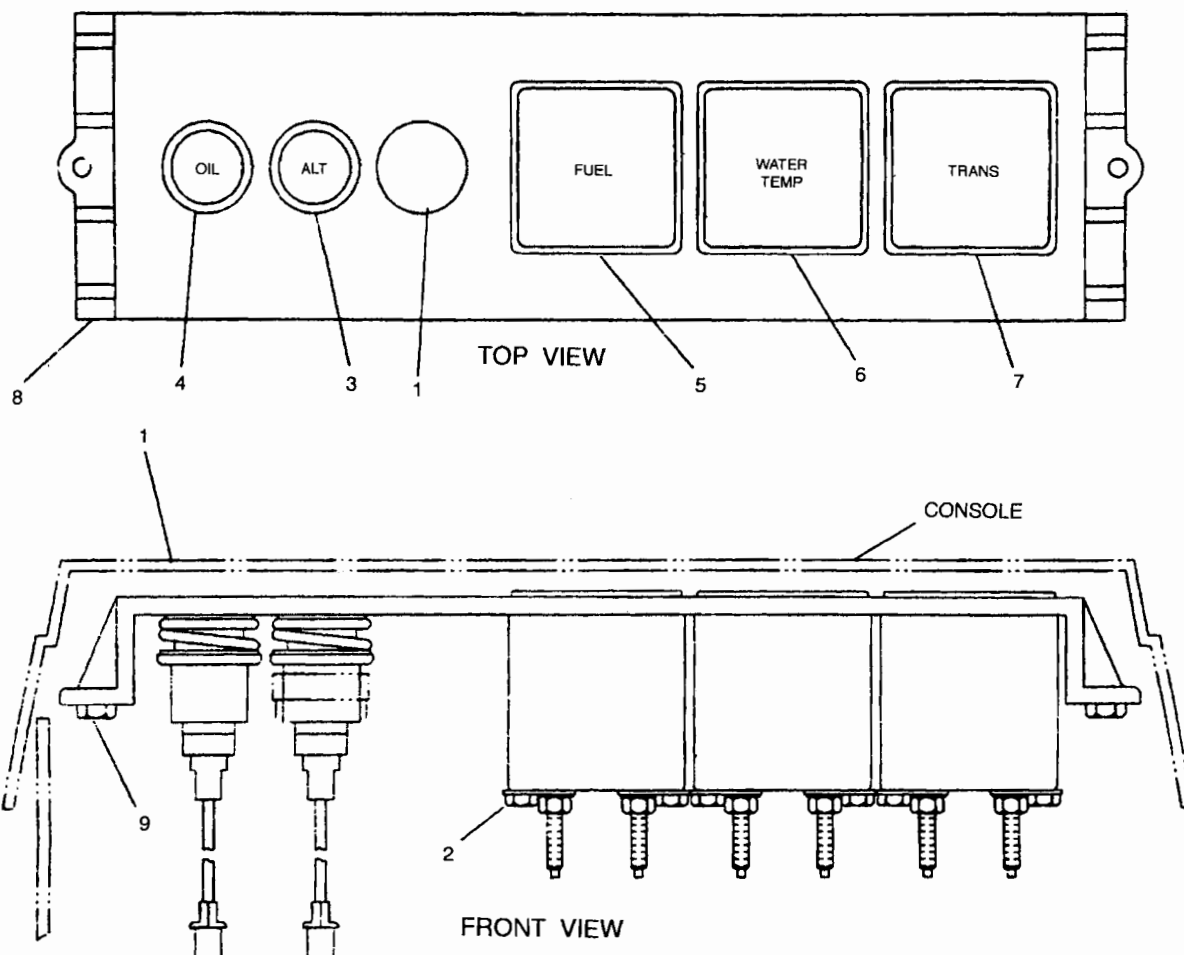
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C1	1	908449	1	PLATE					
	2	S3450873	2	SCREW					
	3	4B4274	2	WASHER					
	4	D147444	1	HOUR METER					
	-	D147478	1	HOUR METER					
				(09-0948~UP)					
				(10-1089~UP)					
				(11-0593~UP)					
				(12-6738~UP)					
	5	D147479	1	HOLDER AS-FUSE					
	6	3K8782	1	FUSE					
	7	8M8948	4	FUSE					
	8	6V9671	2	SCREW					
	9	3C6969	2	NUT					
	10	S5000003	2	WASHER					
	11	S5100003	2	WASHER-SPRING					
	12	D167422	1	RELAY AS-SOLENOID					
	13	S3450813	2	SCREW					
	14	S5020213	3	WASHER					
	15	S4006243	1	NUT					
	16	S5100203	3	WASHER-SPRING					
	17	A114013	1	RELAY AS					

C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D148468 WIRING GP - INSTRUMENT & IGNITION - PART 3 OF 3

6.06

ELECTRICAL SYSTEM

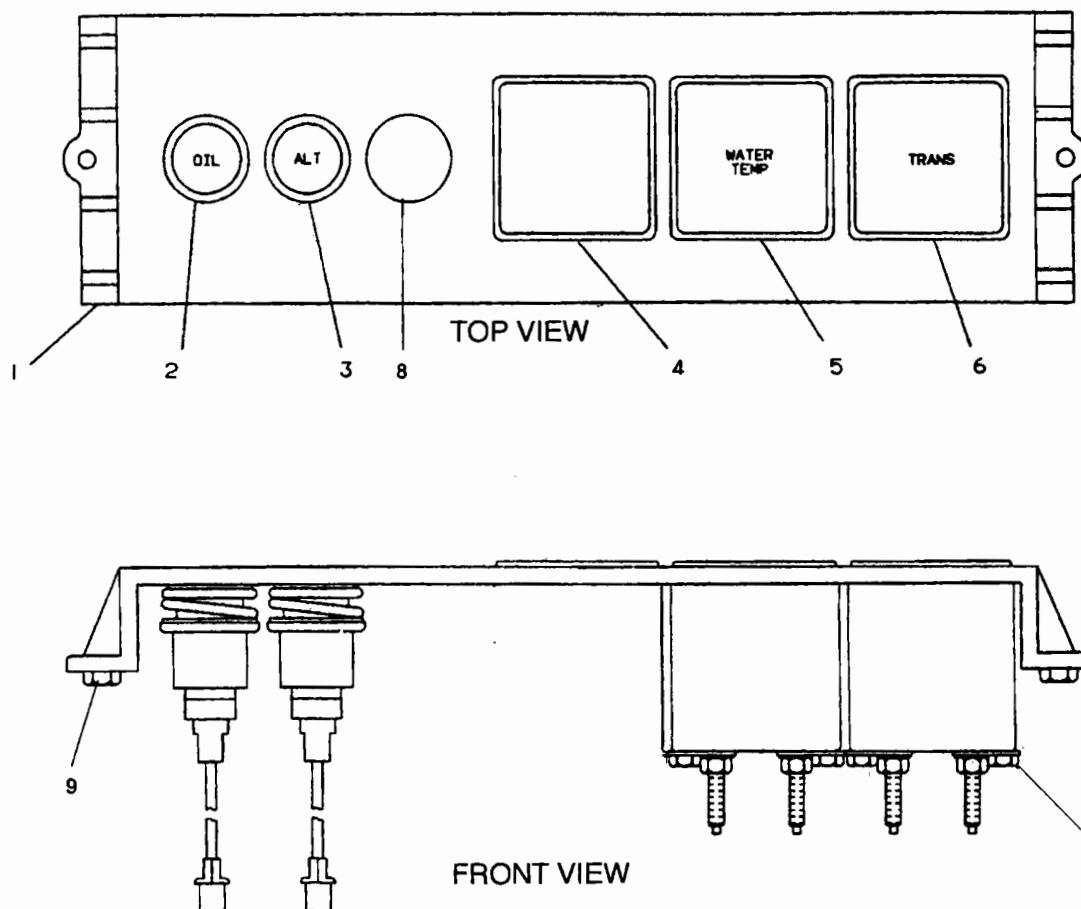


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6K2660	1	PLUG					
	2	8C4988	1	SCREW					
	3	D127203	1	LAMP GP-BASIC					
		D127205	1	BULB-MINIATURE					
	4	D127204	1	LAMP GP-BASIC					
		D127205	1	BULB-MINIATURE					
	5	6R5491	1	GAUGE AS-FUEL					
		926387	1	LAMP AS					
	6	6R5492	1	GAUGE AS-WATER TEMP.					
		926387	1	LAMP AS					
	7	6R5493	1	GAUGE AS-TRANSMISSION TMP					
		926387	1	LAMP AS					
	8	D127202	1	HOUSING AS					
	9	8C7301	2	SCREW					

D148200 INSTRUMENT GP (GAS)

6.07

ELECTRICAL SYSTEM

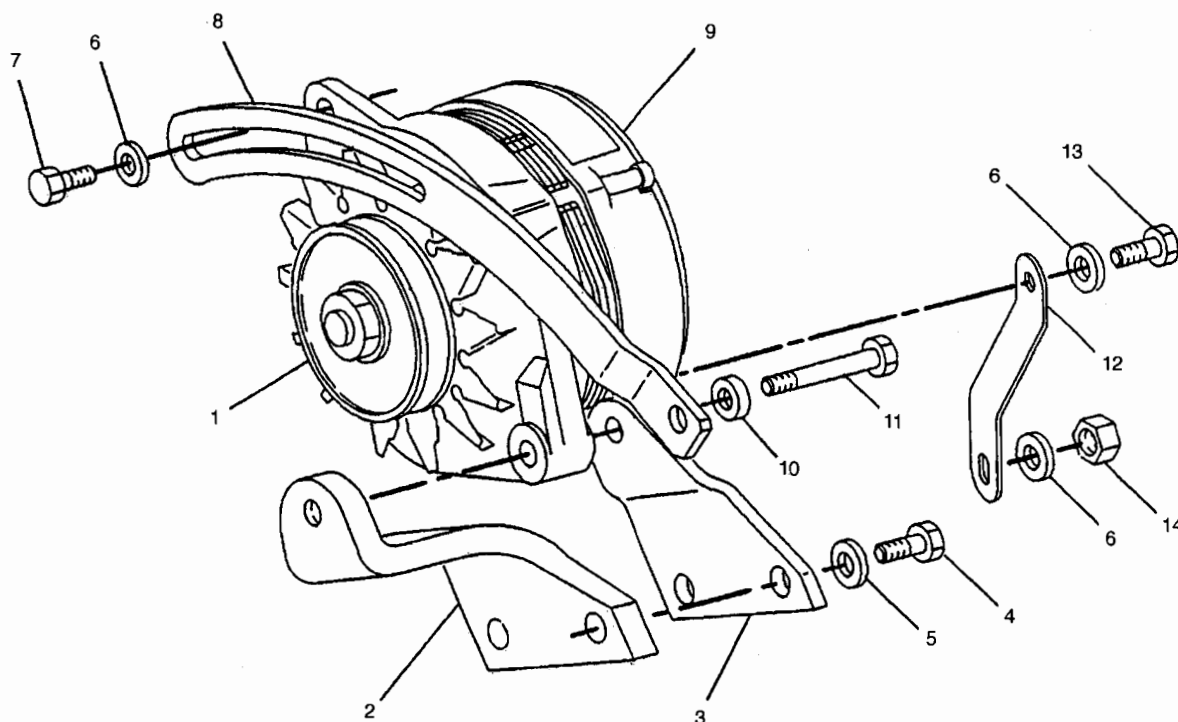


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D127202	1	HOUSING AS					
	2	D127204	1	LAMP GP-BASIC					
		D127205	1	BULB-MINIATURE					
	3	D127203	1	LAMP GP-BASIC					
		D127205	1	BULB-MINIATURE					
	4	A214498	1	GAUGE AS					
	5	6R5492	1	GAUGE AS-WATER TEMP.					
		926387	1	LAMP AS					
	6	6R5493	1	GAUGE AS-TRANSMISSION TMP					
		926387	1	LAMP AS					
	7	8C4988	4	SCREW					
	8	6K2660	1	PLUG					
	9	8C7301	2	SCREW					

D148202 INSTRUMENT GP (LP)

6.08

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	4W8783	1	PULLEY-ALTERNATOR					
	2	9Y3707	1	BRACKET-ALTERNATOR MTG					
	3	9Y3708	1	BRACKET-ALTERNATOR MTG					
	4	0S1588	2	BOLT					
	5	5M2894	2	WASHER					
	6	8T4224	3	WASHER					
	7	6V2317	1	BOLT					
	8	7N0254	1	BRACKET ALTERNATOR					
	9	8C5510	1	ALTERNATOR GP-CHARGING					
	10	7X0732	1	WASHER-HARD					
	11	8T0643	1	BOLT					
	12	4P9611	1	STRAP					
	13	6V5217	1	BOLT					
	14	5S0003	1	NUT-FULL					

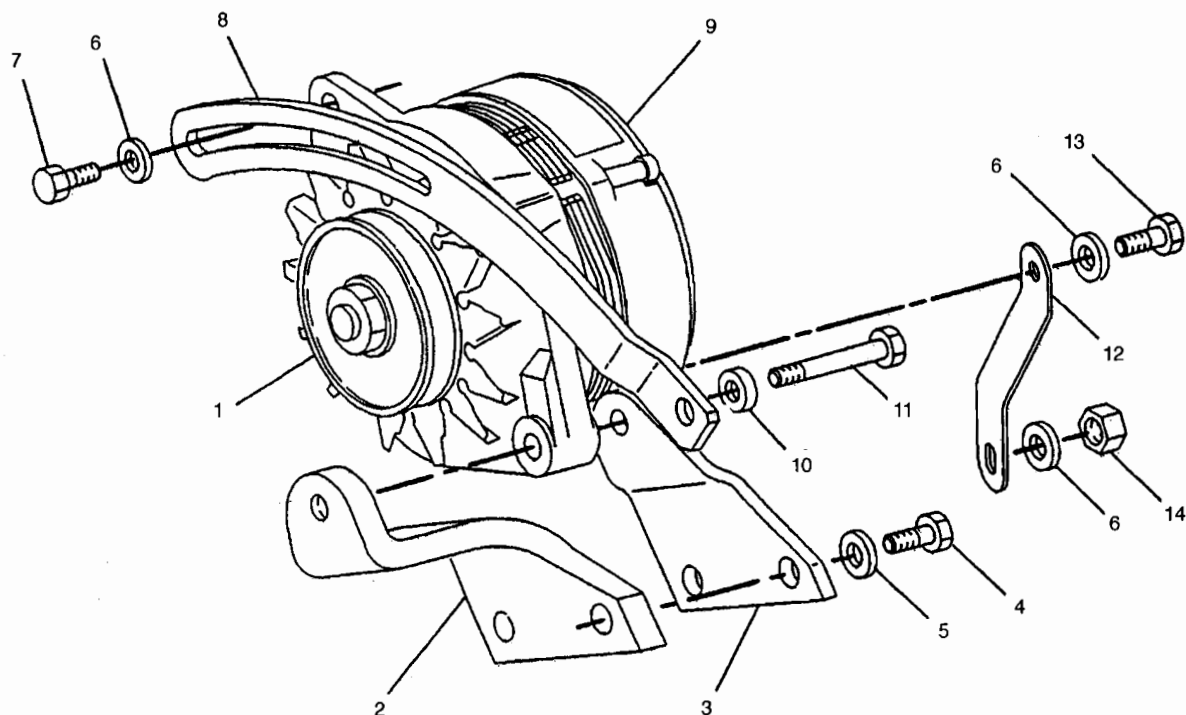
Y-SEPARATE ILLUSTRATION

7C6003 ALTERNATOR GP - CHARGING

8C5510 - Page 67

6.081

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4W8783	1	PULLEY-ALTERNATOR					
	2	D130990	1	BRACKET-ALTERNATOR					
C	3	D131042	1	BRACKET-ALTERNATOR					
	4	9B7237	2	BOLT					
	5	8T4896	2	WASHER					
	6	8T4224	3	WASHER					
C	7	8T4908	1	BOLT					
	8	7N0254	1	BRACKET ALTERNATOR					
Y	9	8C5510	1	ALTERNATOR GP-CHARGING					
	10	8T4121	1	WASHER					
C	11	8T5005	1	BOLT					
	12	4P9611	1	STRAP					
	13	8T4189	1	BOLT					
	14	6V8189	1	NUT-FULL					

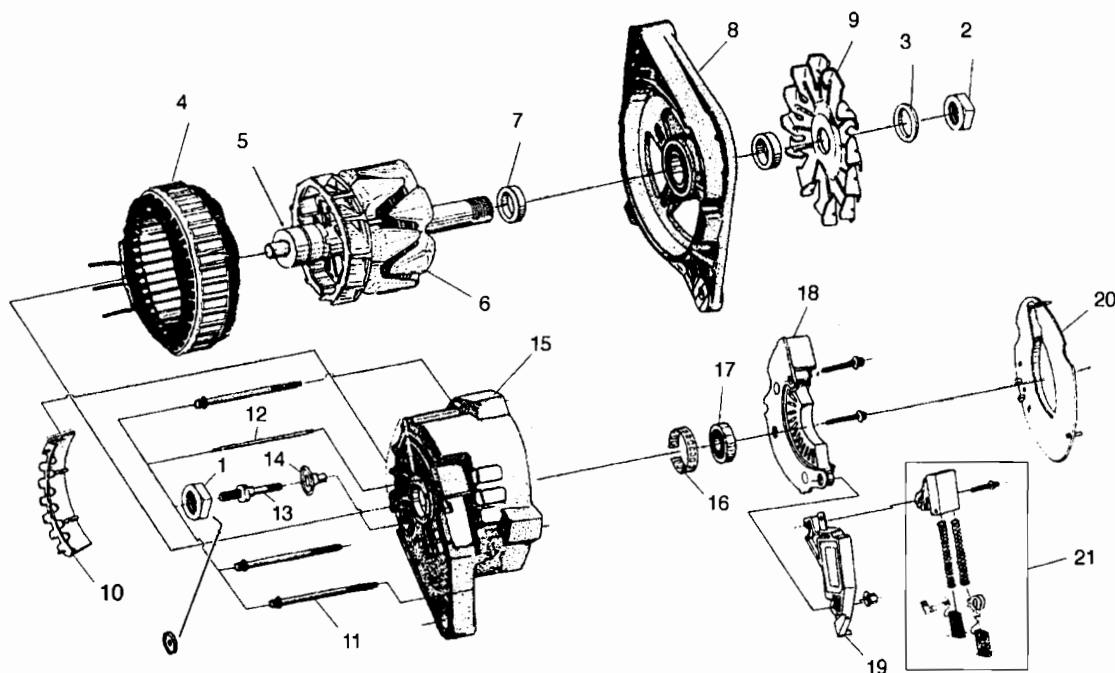
C-CHANGED
Y-SEPARATE ILLUSTRATION

D130993 ALTERNATOR - CHARGING

8C5510 - Page 67
Changed from 7C6003

6.09

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	8T4134	1	NUT					
Z		1H3244	1	WASHER-LOCK					
Z	2	2K4821	1	LOCKNUT					
Z	3	7F7621	1	WASHER					
	4	D167451	1	STATOR AS					
	5	D167450	1	SLIP RING AS					
	6	D167452	1	ROTOR AS					
	7	D167453	2	COLLAR					
	8	D167456	1	BEARING AS(DRIVE END)					
	9	D167454	1	FAN					
	10	D167461	1	COVER					
	11	D167463	3	THRU BOLT					
	12	D167459	1	PIN(BRUSH)					
	13	D167460	1	STUD					
	14	D167462	1	INSULATOR					
	15	D167464	1	FRAME(STATOR ROTOR END)					
	16	D167466	1	PLUG					
	17	D167467	1	BEARING					
	18	D167468	1	RECTIFIER					
	19	D167469	1	REGULATOR					
	20	D167476	1	BAFFLE					
	21	D167470	1	BRUSH AS					

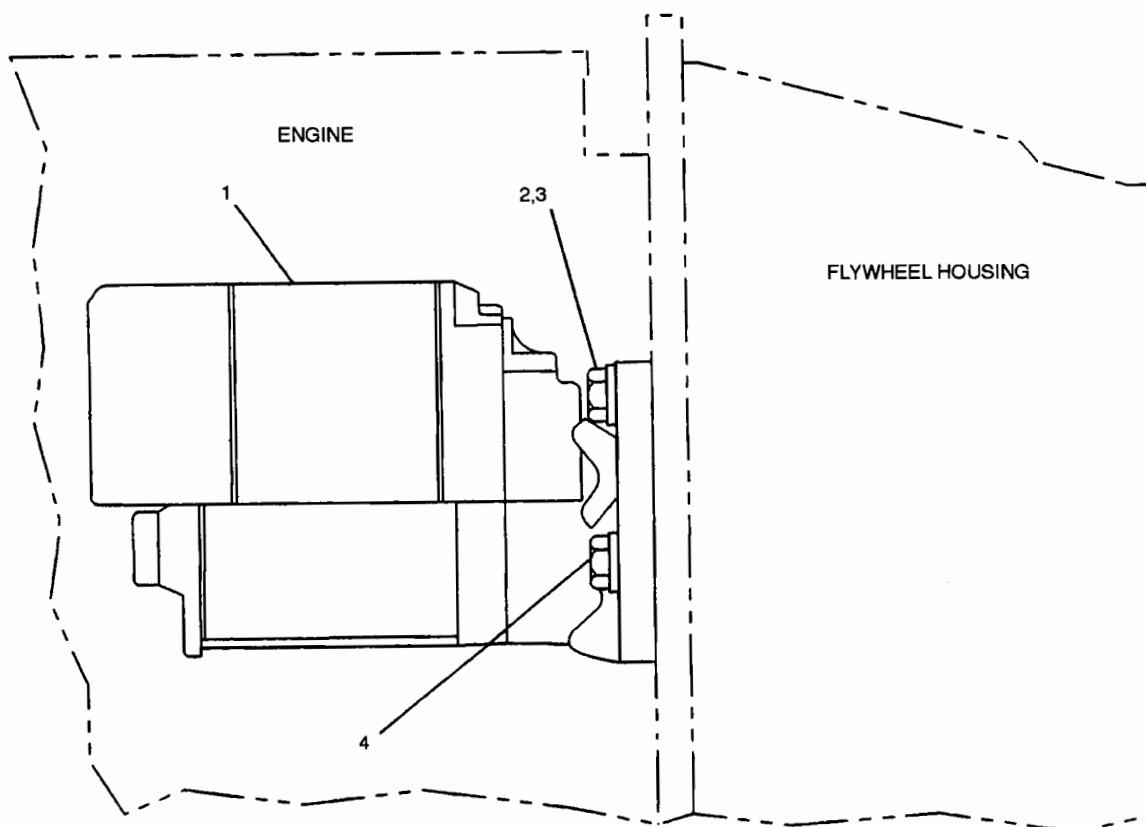
Z-NOT SERVICED SEPARATELY

8C5510 ALTERNATOR - 12 VOLT
Part Of D130993 Alternator

MEMORANDA

6.10

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D141291	1	STARTING MOTOR GP-ELECTRIC					
	2	6V4248	1	BOLT					
	3	6V5839	2	WASHER					
	4	6V5842	1	BOLT					

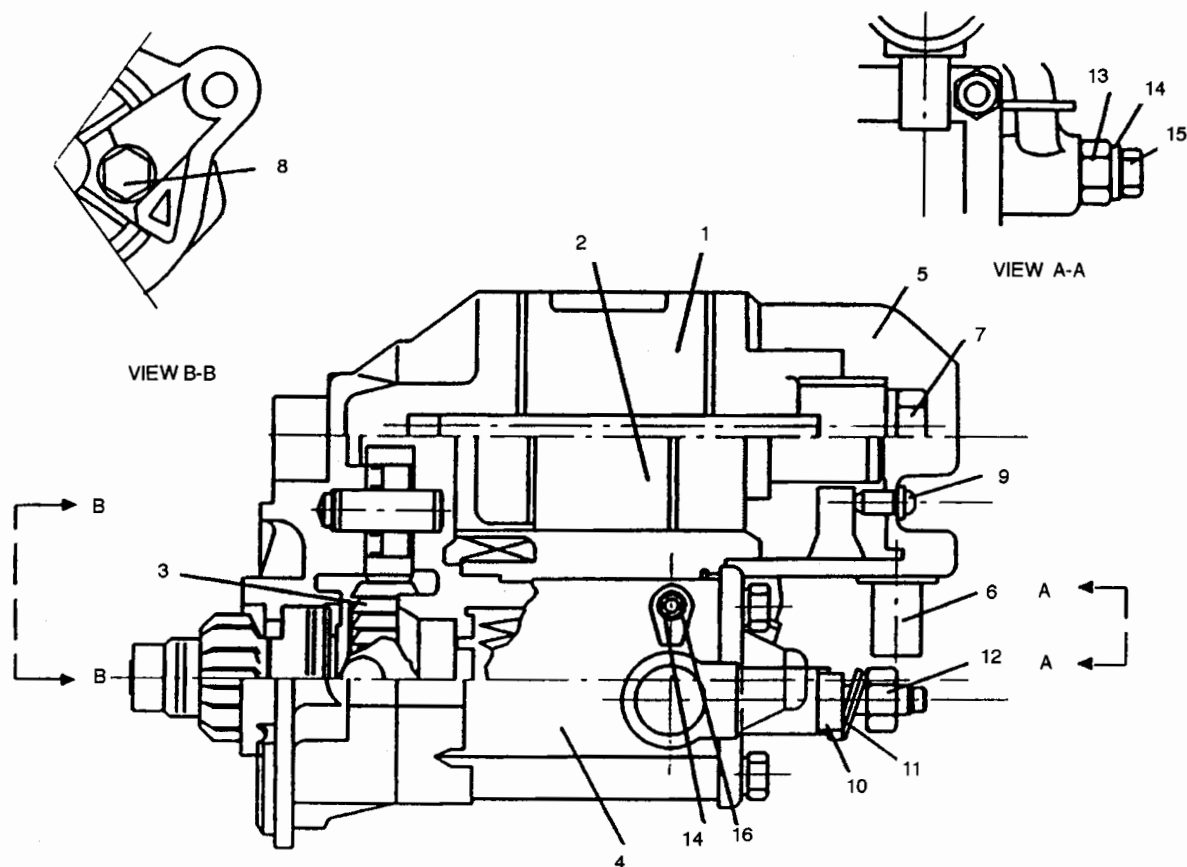
Y-SEPARATE ILLUSTRATION

D141164 STARTING MOTOR GP - ELECTRIC

D141291 - Page 68.1

6.101

ELECTRICAL SYSTEM

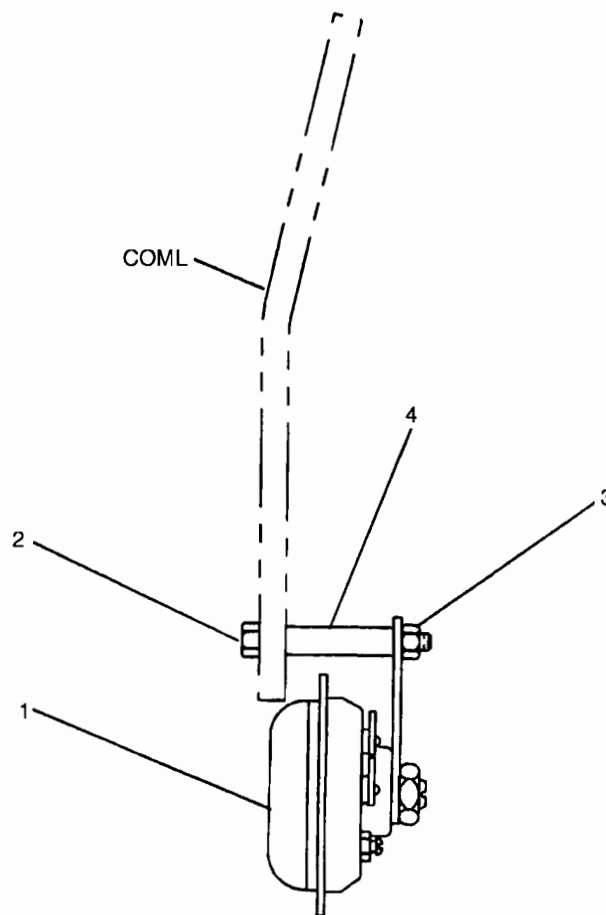


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141232	1	YOKE AS.W/HOLDER					
	2	D141233	1	ARMATURE AS					
	3	D141234	1	CLUTCH ASS.W/HOUSING					
	4	D141235	1	SWITCH.MAGNETIC					
	5	D141236	1	FRAME.STASTER END					
	6	D141237	1	BUSHING.DRAIN					
	7	D141238	2	BOLT, THROUGH					
	8	D141306	2	BOLT, W/W WASHER					
	9	D141240	2	SCREW W/O RING					
	10	D141241	1	PLATE-WATER PUMP					
	11	D141242	1	WASHER					
	12	D141243	1	WASHER					
	13	D141244	1	NUT					
	14	D141245	2	WASHER					
	15	D141246	1	BOLT, SLOTTED HEXAGON					
	16	D141247	1	NUT.HEXAGON					

D141291 STARTING MOTOR GP - ELECTRIC
Part Of D141164 Starting Motor Gp - Electric
Starting Motor

6.11

ELECTRICAL SYSTEM



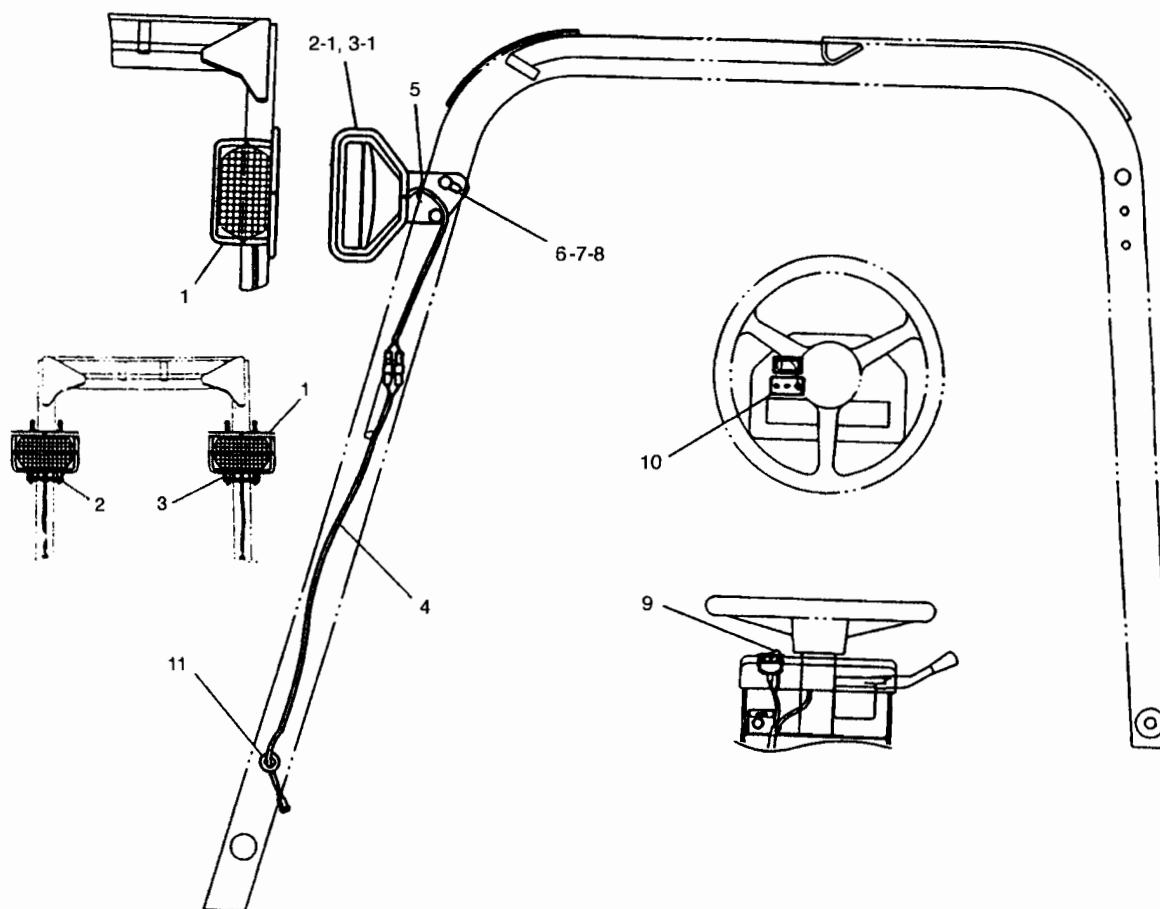
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D560080	1	HORN AS					
	2	8T6869	1	BOLT					
	3	6V9189	1	NUT-LOCK					
	4	D147501	1	SPACER					

D147500 HORN GP - ELECTRIC

MEMORANDA

6.12

ELECTRICAL SYSTEM

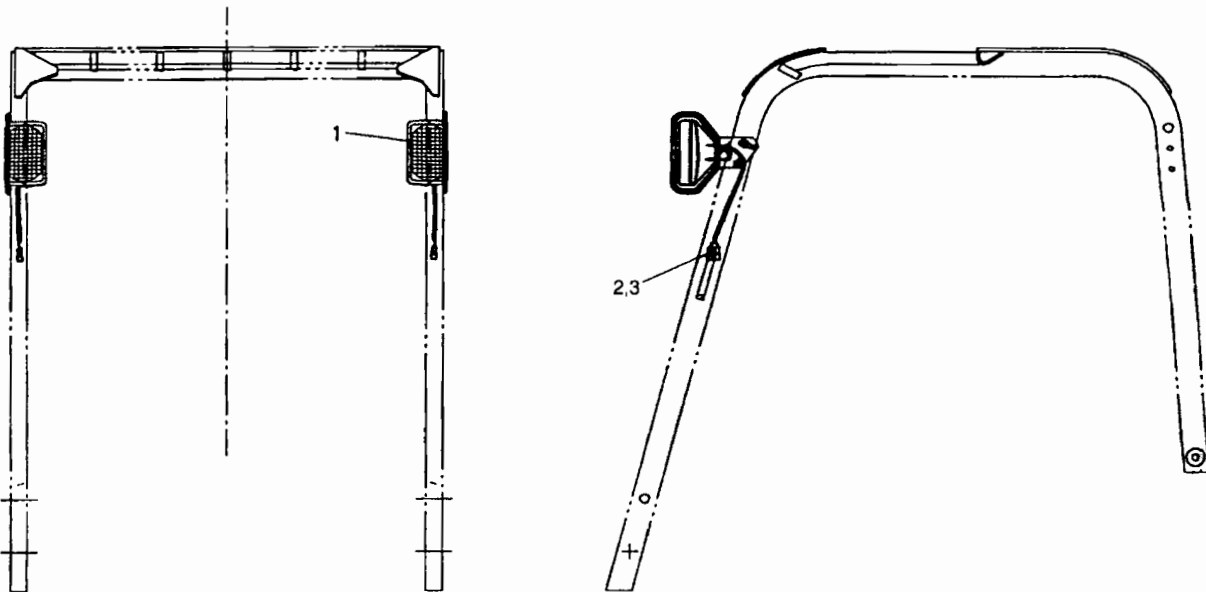


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D147626	2	LAMP AS					
		D147631	-	BULB-HALOGEN					
	2	D147629	1	BRACKET AS-R.H.					
	2-1	D147661	1	BRACKET AS-R.H.					
	3	D147630	1	BRACKET AS-L.H.					
	3-1	D147662	1	BRACKET AS-L.H.					
	4	D147627	2	HARNESS AS-LIGHT					
	5	S994010H	4	GROMMET					
	6	2Y5829	4	NUT					
	7	6V5230	4	BOLT					
	8	6V5839	4	WASHER					
	9	929040	1	SWITCH AS-LAMP					
	10	917412	1	PLATE-FLOODLT SW					
	11	S994012H	2	GROMMET					

D147625 LIGHT GP - STD

6.121

ELECTRICAL SYSTEM

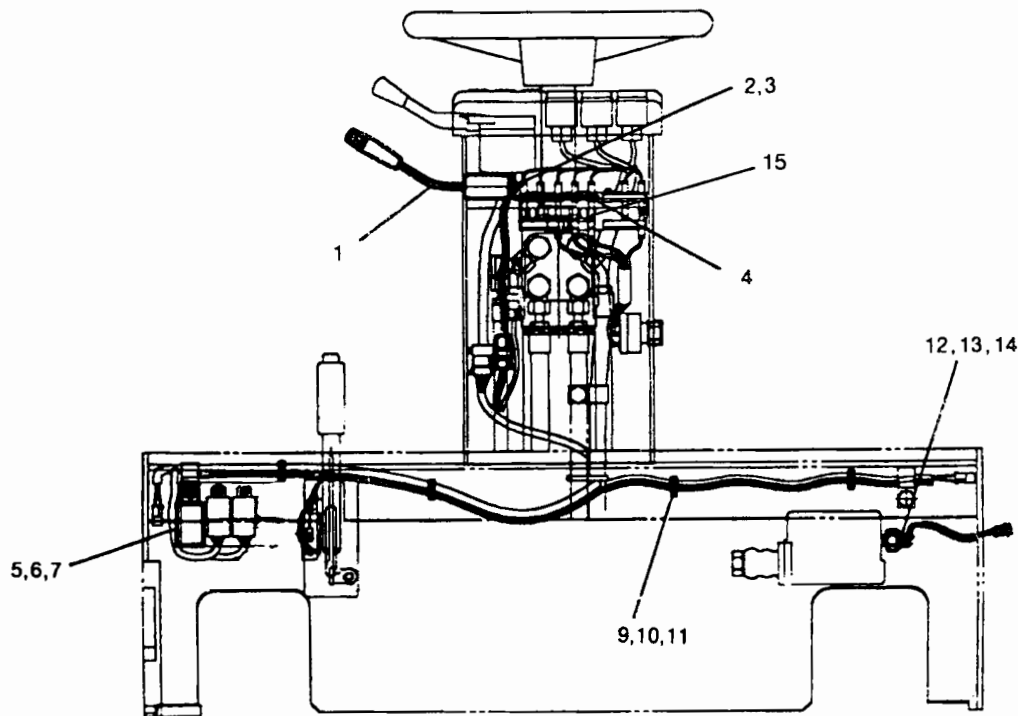


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D147671	2	LAMP AS-HEAD					
		D147672	1	BULB-HALOGEN					
	2	D544217	2	HOUSING-TAP					
	3	D544219	2	TERMINAL					

D131188 CH/OV AR FOR HEAD LAMP (HALOGEN)

6.13

ELECTRICAL SYSTEM

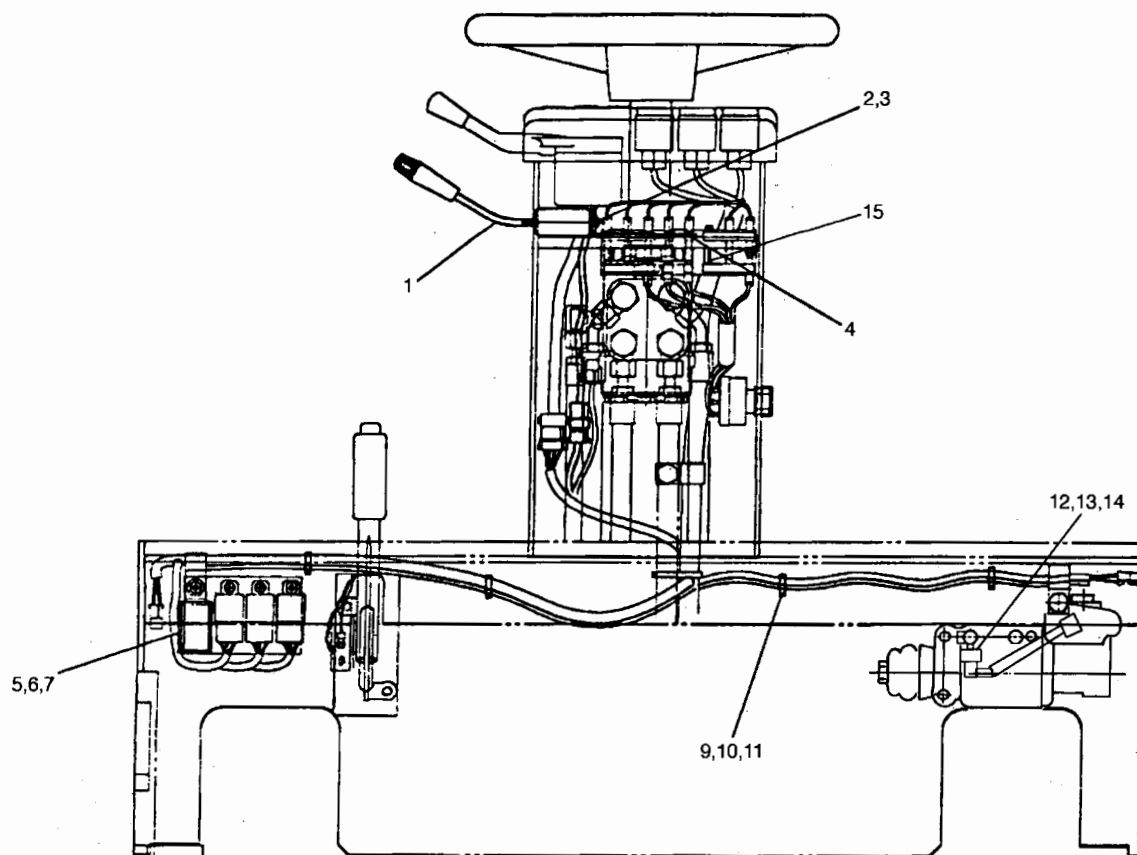


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D287671	1	SWITCH AS-TURN SIGNAL					
	2	S3450593	2	SCREW					
	3	6V9499	2	WASHER					
	4	D147604	1	BRACKET AS					
	5	D546113	1	FLASHER UNIT					
	6	4B4274	1	WASHER					
	7	6V8127	1	NUT					
	9	6K0806	4	STRAP					
J2	10	D147637	1	HARNESS AS-OPT					
J1	11	D147645	1	HARNESS AS					
	12	D147658	1	SWITCH AS					
	13	6R7165	1	ELBOW					
	14	D287618	1	HARNESS AS					
	15	8M8948	1	FUSE					
J1-FOR REAR LAMP, STROBE AND BACK UP ALARM					09-0001~0869 11-0001~0732				
J2-FOR COMBINATION LAMP(TAIL, STOP, BACK UP AND TURN SIGNAL)					10-0001~0732 12-0001~8443				
FRONT AND REAR									

D147641 LIGHT GP - OPTION PART 1 OF 2 - CHANGED

6.131

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D287671	1	SWITCH AS-TURN SIGNAL					
	2	S3450593	2	SCREW					
	3	6V9499	2	WASHER					
	4	D147604	1	BRACKET AS					
	5	D546113	1	FLASHER UNIT					
	6	4B4274	1	WASHER					
	7	6V8127	1	NUT					
	9	6K0806	4	STRAP					
J2	10	D147637	1	HARNESS AS-OPT					
J1	11	D147675	1	HARNESS AS					
C1	12	D147677	1	SWITCH AS					
C1	13	D902204	1	ELBOW					
C1	14	D287618	1	HARNESS AS					
	15	8M8948	1	FUSE					

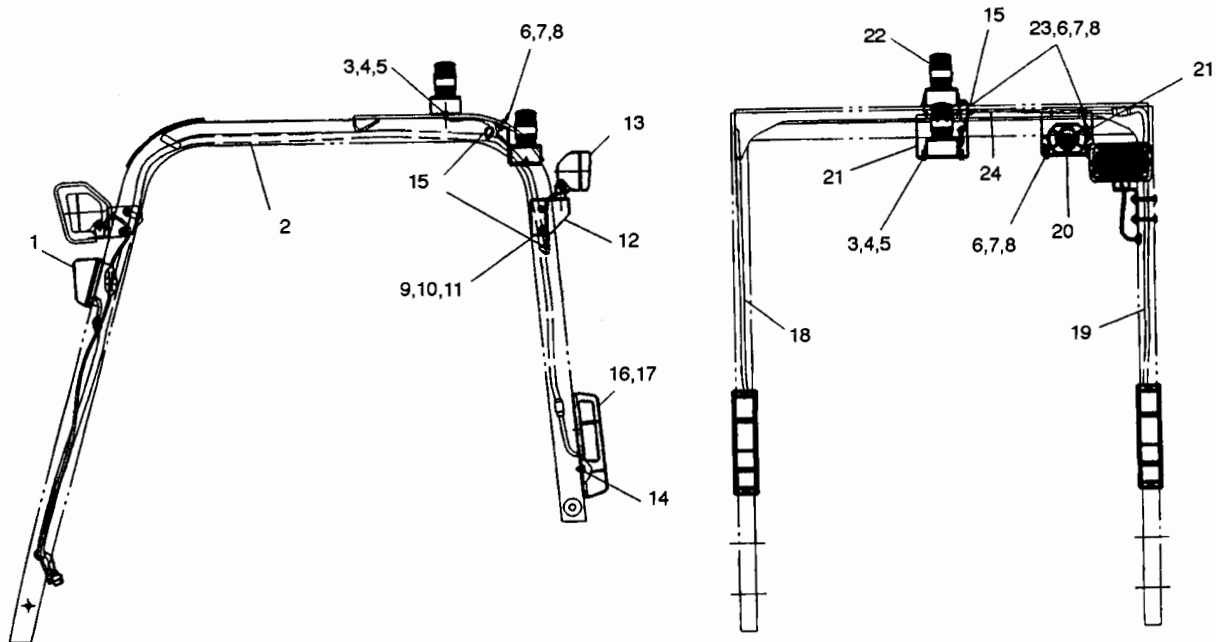
C1-NOT INTERCHANGABLE CHANGED

09-0870~UP 11-0733~UP
10-2151~UP 12-8444~UP

D147641-01 LIGHT GP - OPTION - PART 1 OF 2

6.14

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J1	1	D546105	2	LAMP AS-FRONT	J1	20	D287673	1	BACK UP ALARM
		S866123H	1	BULB-STOP & TAIL		21	D147644	1	BRACKET
	2	D147640	1	HARNESS AS		22	D287669	1	STROBE AS-RED
	3	4B4274	2	WASHER			927450	1	FLUSHTUBE
	4	6V4298	2	BOLT (M5X0.8THD)			D287670	1	STROBE AS-AMBER
	5	6V8127	2	NUT			927450	1	FLUSHTUBE
	6	8T4205	2	WASHER-HARD		23	2V3216	2	CLIP
	7	6V8214	2	BOLT		24	D147667	1	HARNESS AS-OPT
	8	6V8225	2	NUT					
	9	6V5230	2	BOLT					
	10	2Y5829	2	NUT					
	11	6V5839	2	WASHER-HARD					
	12	D147642	1	BRACKET AS					
	13	D147626	1	LAMP AS					
		D147631	1	LAMP-HALOGEN					
		D147671	1	LAMP AS-HEAD					
		D147672	1	BULB-HALOGEN					
	14	8T4000	4	SCREW					
	15	S994010H	2	GROMMET					
J2	16	D147676	2	LAMP AS-REAR COMP	J2				
		S863110H	1	BULB					
J2		S864123H	1	BULB					
		S866123H	1	BULB-STOP & TAIL					
	17	D167628	2	BRACKET AS-GUARD					
	18	D147638	1	HARNESS AS-OPT					
	19	D147639	1	HARNESS AS-OPT					

J1-FOR REAR LAMP, STROBE AND BACK UP ALARM

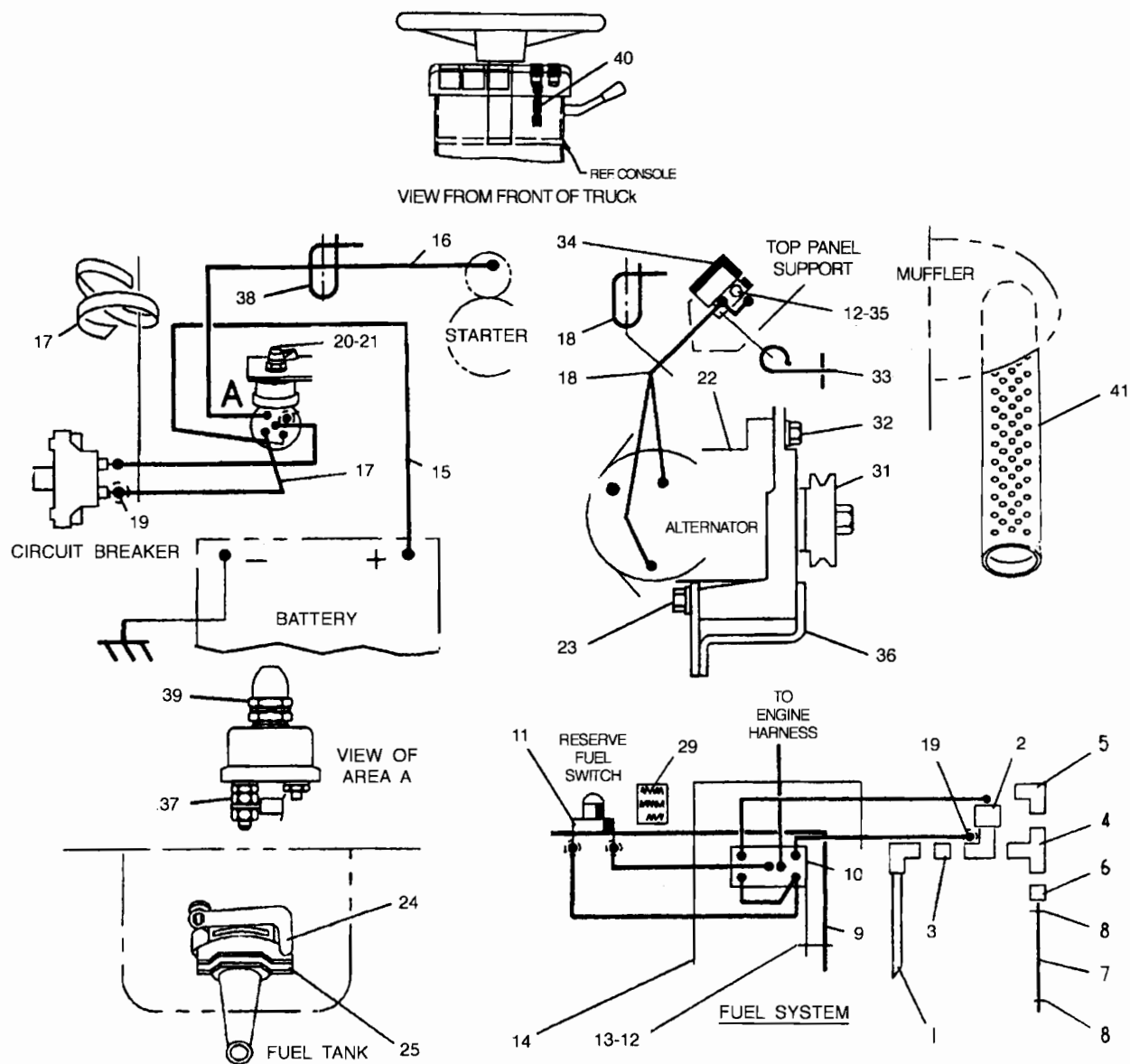
J2-FOR COMBINATION LAMP(TAIL, STOP, BACK UP AND TURN SIGNAL)FRONT AND REAR

D147641 LIGHT GP - OPTION

MEMORANDA

6.15

ELECTRICAL SYSTEM



D130639 CHANGE AR - GAS TO GS

6R6977 - Page 60

An Attachment

6.15**ELECTRICAL SYSTEM**

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	863434	1	TUBE AS					
	2	D141081	1	FUELOCK AS					
	3	909813	1	FITTING AS					
	4	060210	1	TEE					
	5	5P9517	1	ELBOW					
	6	693686	1	CONNECTOR					
	7	8T2436	7	HOSE-CM					
	8	1P4278	2	CLAMP-HOSE					
	9	909836	1	BRACKET					
	10	3T2173	1	RELAY AS					
	11	D147448	1	SWITCH AS (RESERVE FUEL)					
		301530	2	TERMINAL-PIN					
		301781	1	HOUSING					
		6T9442	1	SWITCH AS					
		908583	2	WIRE					
	12	5C9553	4	BOLT					
	13	8T4205	2	WASHER-HARD					
	14	D147442	1	HARNESS AS					
C1	-	D147491	1	HARNESS AS (09-0948~UP) (10-1809~UP) (11-0593~UP) (12-6738~UP)					
	15	D148308	1	CABLE-AS BATTERY					
		D147322	1	PROTECTIVE BOOT-POS					
		D147330	1	TERMINAL AS-POS					
		D148315	1	CABLE AS					
		S987030H	1	CAP					
	16	909437	1	CABLE AS					
	17	D147494	1	WIRE AS					
		5P0707	1	WRAP-SPIRAL					
	18	D147440	1	HARNESS AS					
		6K0806	2	STRAP					
Y	20	6R6977	1	SWITCH AS-MASTER DISCONNECT					
	21	908395	1	WASHER					
		6V7607	1	WASHER-HARD					
	22	8C5535	1	ALTERNATOR GP-CHARGING					
	23	8T9101	1	BOLT					
		8T4896	1	WASHER					
	24	380205	1	CAP AS					
		380086	1	CAP					
		398189	1	SCREEN AS					
	25	D152201	1	NUT					
	29	909839	1	PLATE					
	31	4W8783	1	PULLEY-ALTERNATOR					
		8C5614	1	FAN					
		7M0327	1	WASHER-THRUST					
	32	4M6425	1	BOLT					
		2S8415	1	WASHER					
	33	6V1053	1	CLIP					
	34	8C5534	1	REGULATOR AS					
	35	5C2890	2	LOCKNUT					
		8T0334	2	WASHER-HARD					
	36	D130995	1	BRACKET-ALTERNATOR					
	37	6F7045	1	NUT-FULL					
	38	4S1962	1	CLIP					
	39	8H5303	2	NUT-HEX(SAFT)					
	40	D147451	1	RESISTOR AS					
	41	D131227	1	TUBE AS					

Y-SEPARATE ILLUSTRATION

C1-NOT INTERCHANGEABLE-CHANGED

THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

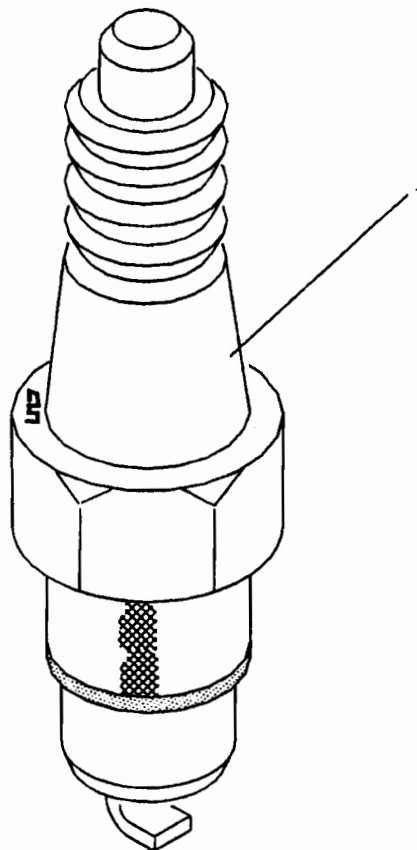
D130639 CHANGE AR - GAS TO GS

6R6977 - Page 60

An Attachment

6.16

ELECTRICAL SYSTEM



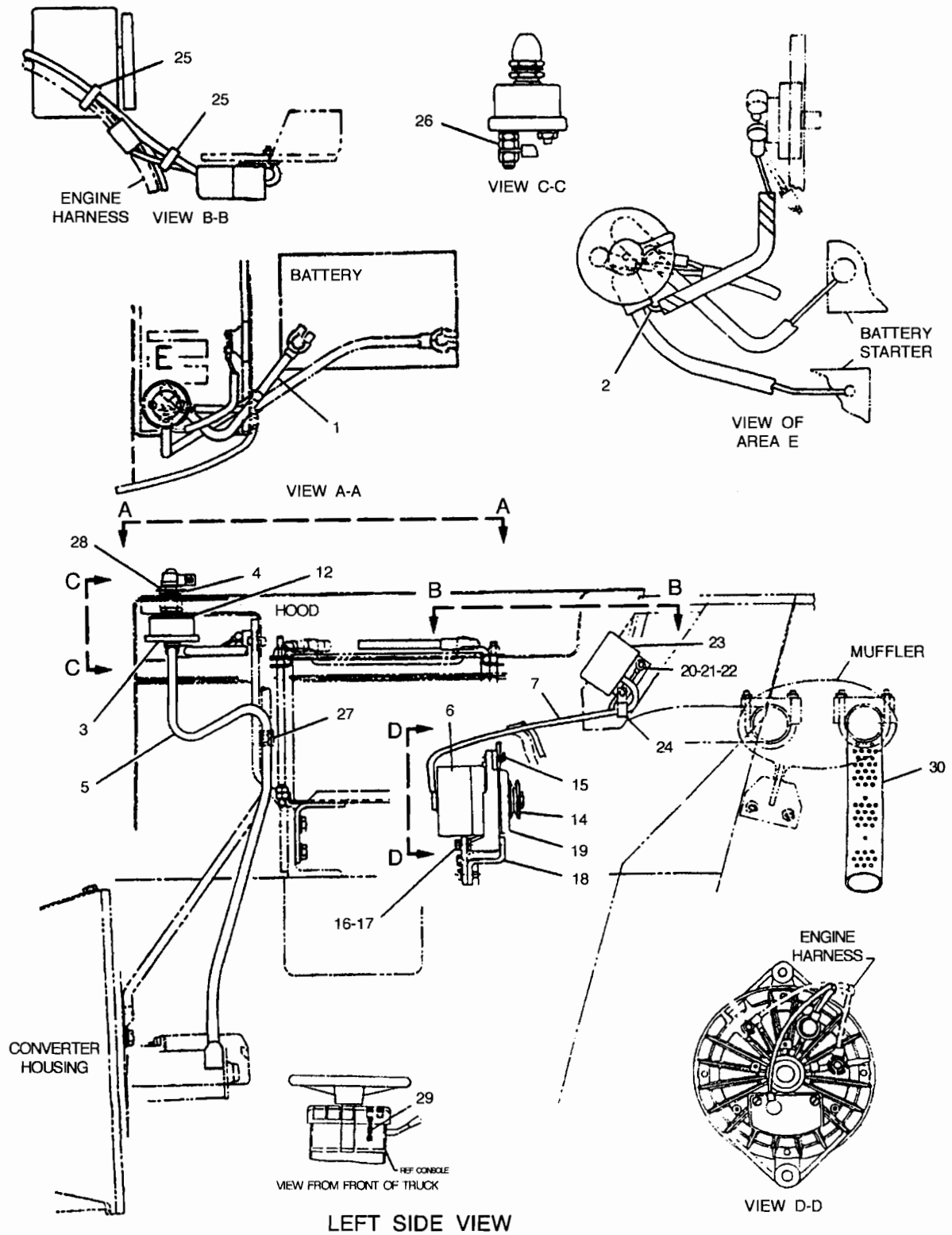
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8N2236	4	SPARK PLUG-LP					
	-	D141267	4	SPARK PLUG-GAS					

7N0511 PLUG - GP - SPARK - LP
D141269 Spark Plug Gp - Gas

MEMORANDA

6.17

ELECTRICAL SYSTEM



D130642 CHANGEOVER LP TO LPS

6R6977 - Page 60

An Attachment

6.17

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D148308	1	CABLE-AS BATTERY					
		D147322	1	PROTECTIVE BOOT-POS					
		D147330	1	TERMINAL AS-POS					
		D148315	1	CABLE AS					
		S987030H	1	CAP					
	2	D147494	1	WIRE AS					
	3	6R6977	1	SWITCH AS-MASTER DISCONNECT					
	4	908395	1	WASHER					
	5	909437	1	CABLE AS					
	6	8C5535	1	ALTERNATOR GP-CHARGING					
	7	D147440	1	HARNESS AS					
	12	5P0707	1	WRAP-SPIRAL					
	14	7M0327	1	WASHER-THRUST					
	15	4M6425	1	BOLT					
	16	8T9101	1	BOLT					
	17	8T4896	1	WASHER					
	18	D130995	1	BRACKET-ALTERNATOR					
	19	8C5614	1	FAN					
	20	5C2890	2	LOCKNUT					
	21	9X8256	2	WASHER					
	22	5C9553	2	BOLT					
	23	8C5534	1	REGULATOR AS					
	24	6V1053	1	CLIP					
	25	6K0806	2	STRAP					
	26	6F7045	1	NUT-FULL					
	27	4S1962	1	CLIP					
	28	8H5303	2	NUT-HEX(SAFT)					
	29	D147451	1	RESISTOR AS					
	30	D131227	1	TUBE AS					

Y-SEPARATE ILLUSTRATION

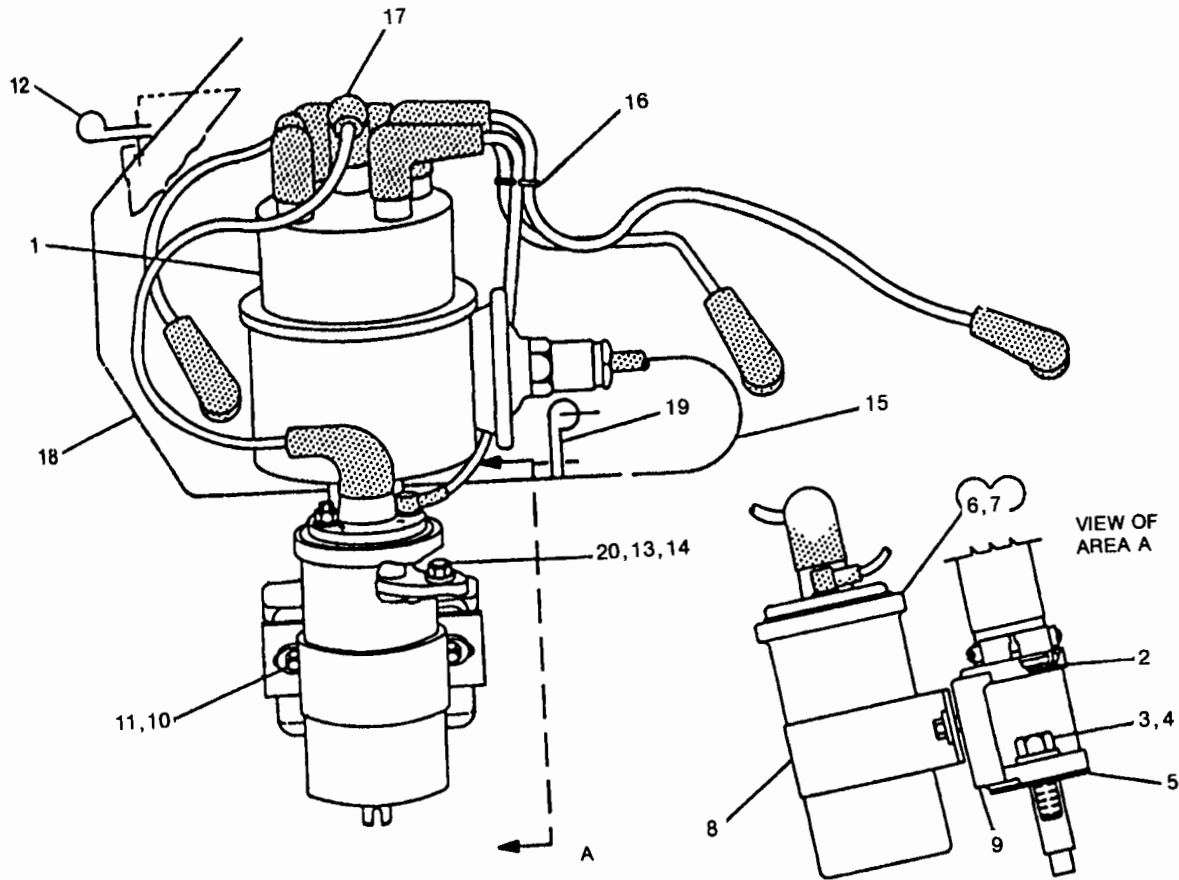
D130642 CHANGE OVER LP TO LPS

6R6977 - Page 60

An Attachment

6.18

ELECTRICAL SYSTEM



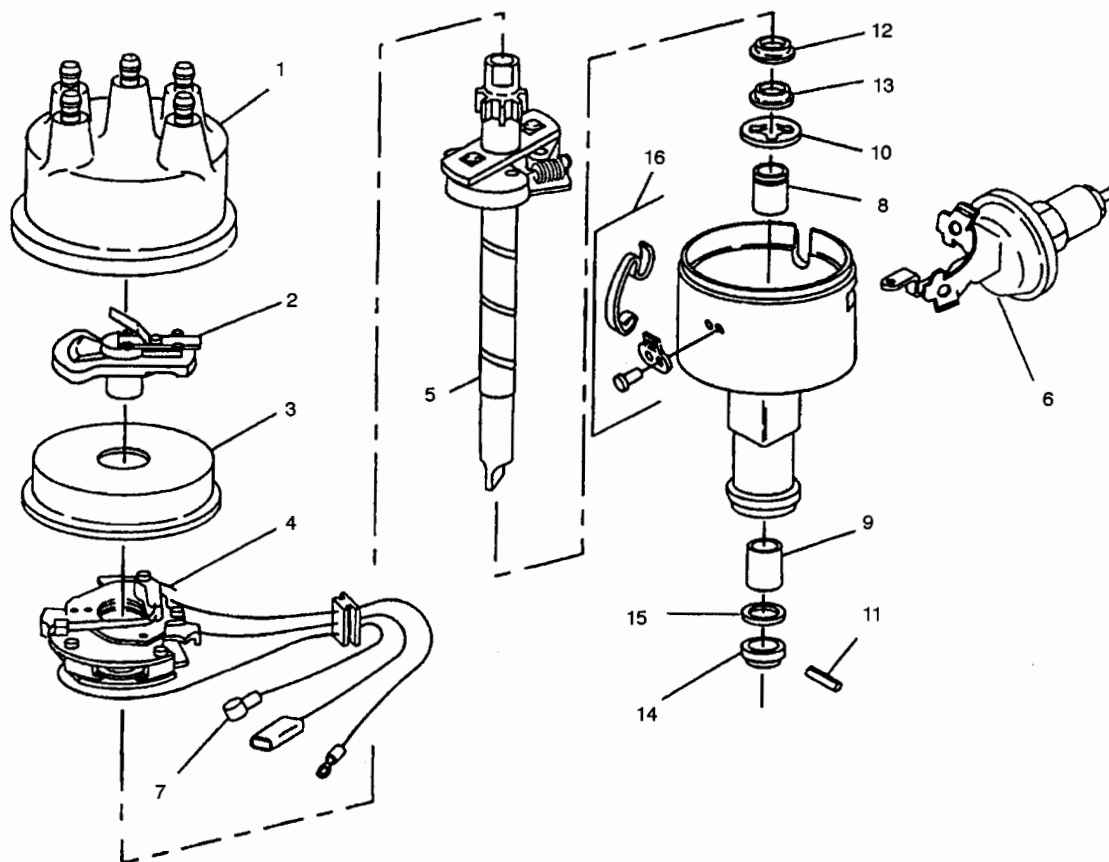
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	7N0544	1	DISTRIBUTOR GP					
	2	9H6761	1	SEAL O-RING					
	3	0S1594	2	BOLT					
	4	5M2894	2	WASHER					
	5	7N0549	1	GASKET-ADAPTER					
	6	8N5220	1	COIL AS					
	7	369864	1	COIL					
	8	088789	1	BRACKET AS.					
	9	7N0548	1	ADAPTER-DISTRIBUTOR MTG					
	10	2B2695	2	BOLT					
	11	8T4224	2	WASHER					
	12	1W3247	1	CLIP					
	13	0S1616	1	BOLT					
	14	3B4504	1	WASHER-LOCK					
E	15	907347	20	HOSE-CM					
	16	7N8198	1	RETAINER-THREE WIRE					
	17	D141268	1	WIRE SET-IGNITION					
	18	4W7318	1	TUBE AS					
	19	8N1824	1	CLIP					
	20	7N0546	1	CLAMP					

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

D141270 COIL AND DISTRIBUTOR GP
7N0544 - Page 80.1

6.181

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7N7542	1	CAP ASSEM.					
	2	2W2257	1	ROTOR ASSEM.					
	3	8N0695	1	SHIELD					
	4	7N7541	1	PLATE ASSEM.					
	5	8N5145	1	SHAFT ASSEM.					
	6	8N5146	1	CHAMBER ASSEM.					
	7	039834	1	PROTECTOR					
J	8	NSS	1	BEARING					
J	9	NSS	1	BEARING					
J	10	NSS	1	SEAL (GREASE)					
JK	11	NSS	1	PIN (GEAR)					
J	12	NSS	1	WASHER (THRUST-INNER)					
J	13	NSS	1	WASHER (THRUST-OUTER)					
K	14	NSS	1	COLLAR					
JK	15	NSS	1	WASHER					
	16	8N5147	1	KIT (HNGE)					
				THE FOLLOWING REPAIR KITS ARE AVAILABLE :					
J		8N5206	1	KIT (BEARING)-					
				(INCLUDES MARKED:J)					
K		8N8218	1	KIT (COLLAR)					
				(INCLUDES MARKED:K)					

7N0544 BASIC DISTRIBUTOR GROUP
Part Of 4W7319 Coil And Distributor

MEMORANDA

7.01

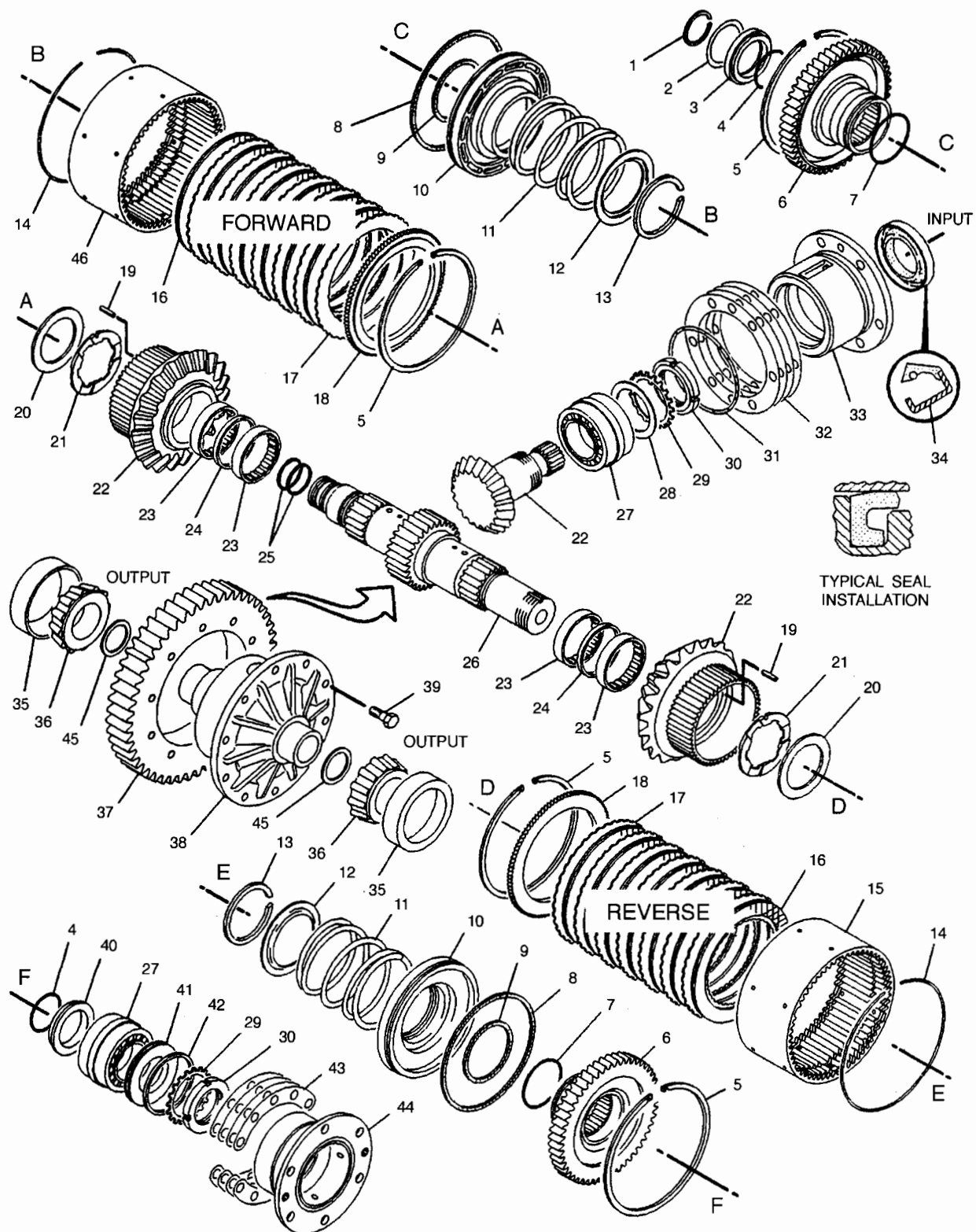
POWER TRAIN

		PAGE
1	D141129 CASE & PARTS GP	84
1	D141127 GEAR GP-FORWARD & REVERSE	82
1	D141122 VALVE GP-MODULATING	90

D141132 TRANSMISSION AR
Part Of D141136, D141137 Transaxle Ar

7.02

POWER TRAIN



D141127 GEAR GP - FORWARD & REVERSE
Part Of D141132 Transmission Ar

7.02

POWER TRAIN

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7T3537	1	RING					
	2	6T0793	1	PACK-SHIM					
	3	6T9498	1	SLEEVE					
	4	8C0626	2	SEAL-O-RING					
	5	7T3538	4	RING-RETAINING					
	6	6T0787	2	HUB-CLUTCH					
	7	8C0627	2	SEAL-O-RING					
	8	6T0821	2	SEAL					
	9	6T0822	2	SEAL					
	10	6T0788	2	PISTON					
	11	6T5868	2	SPRING					
	12	6T0803	2	RETAINER					
	13	8T0251	2	RING-RETAINING					
	14	D141303	2	RING					
	15	6T0786	1	CYLINDER-CLUTCH					
	16	D141113	14	DISC-FRICTION					
	17	6T9456	14	PLATE-CLUTCH					
	18	6T9462	2	PLATE					
	19	6V8236	2	PIN-SPRING					
	20	6T0802	2	RACE-THRUST WASHER					
	21	D141361	2	WASHER-THRUST					
	22	9U8922	1	GEAR GP-BEVEL					
	23	8T1698	4	BEARING-NEEDLE					
	24	7T1307	2	SPACER					
	25	6T9489	2	RING-SEAL					
	26	6T9499	1	SHAFT AS					
		2A3746	1	PLUG-CUP					
	27	7T7620	2	BEARING AS					
	28	6V7574	1	WASHER					
	29	8C7377	2	WASHER					
	30	6V7545	2	NUT-BEARING LOCK					
	31	7H0538	1	SEAL-O-RING					
B	32	9W6639	4	SHIM					
B		9W6640	4	SHIM					
B		8E5164	2	SHIM					
	33	6T0794	1	CAGE-BEARING					
	34	7X4802	1	SEAL-LIP TYPE					
	35	2P8120	2	CUP-ROLLER BEARING					
	36	2P8119	2	CONE-ROLLER BEARING					
	37	6Y4416	1	GEAR-RING					
	38	909959	1	CASE AS					
	39	918733	10	BOLT-RING GEAR (GKN)					
	40	6T0797	1	SLEEVE					
	41	6T0798	1	CARRIER-SEAL					
	42	3K1432	1	RING-METAL SEAL					
B	43	9W6641	4	SHIM					
B		9W6642	4	SHIM					
B		8E5163	2	SHIM (.50MM THK)					
	44	9W0283	1	CAGE-BEARING					
	45	6Y4463	2	SPACER					
	46	6Y6856	1	CYLINDER-CLUTCH					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		8Q2241	1	KIT-HARD WARE					

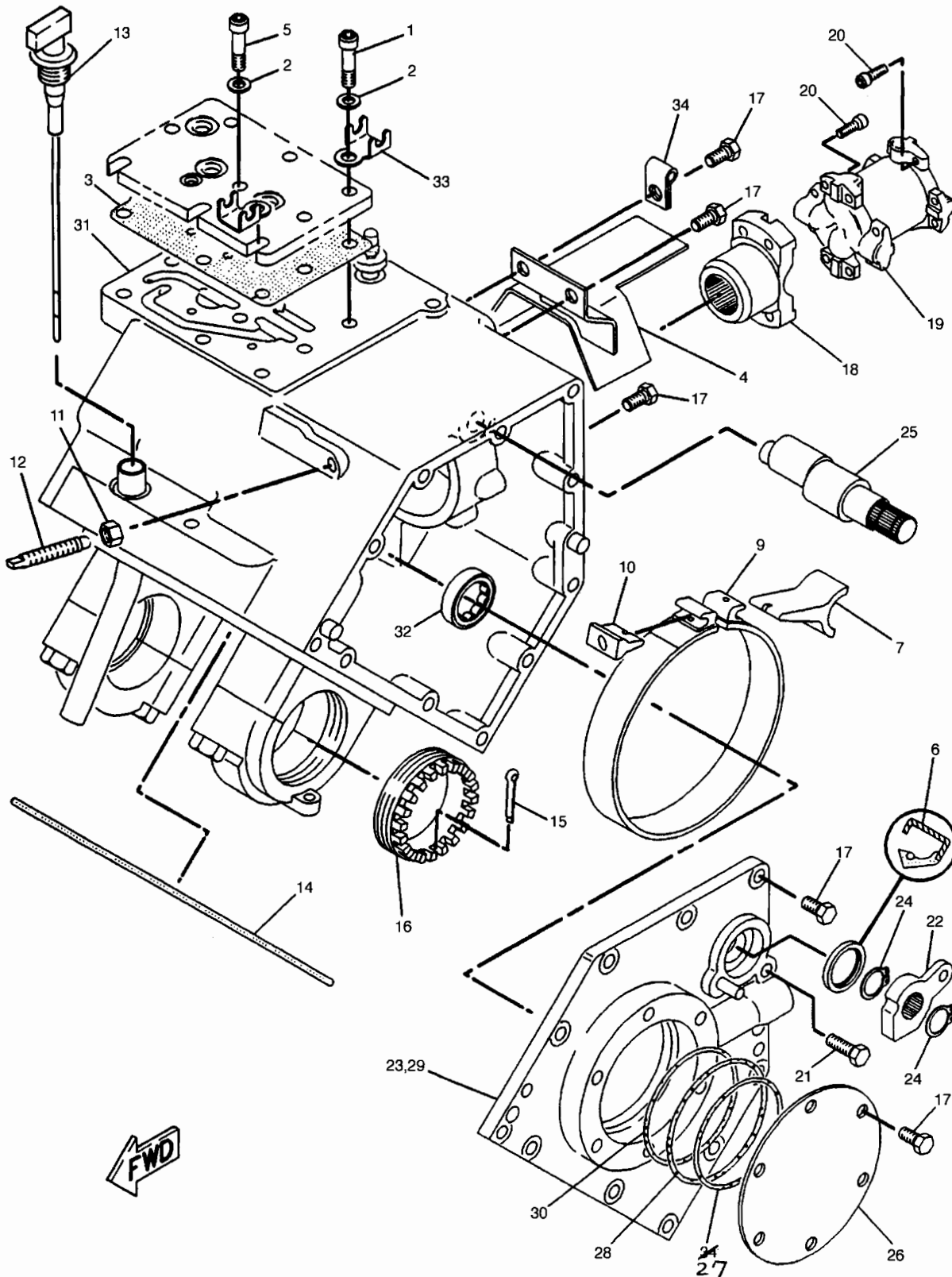
B-USE AS REQUIRED

D141127 GEAR GP - FORWARD & REVERSE

Part Of D141132 Transmission Ar

7.03

POWER TRAIN



D141129 CASE & PARTS GP

9W1856 - Page 86

Part Of D141132 Trnsmission Ar

7.03

POWER TRAIN

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T4957	8	BOLT-SOCKET HEAD					
	2	5M2894	9	WASHER					
	3	9W2941	1	GASKET					
	4	5I0235	1	GUARD AS					
	5	8T2223	1	BOLT-SOCKET HEAD					
	6	6V8102	1	SEAL-LIP TYPE					
	7	6T0812	1	STRUT					
	9	1062054	1	BAND AS					
	10	6T0813	1	STRUT					
	11	2Y5829	1	NUT					
	12	6T4167	1	SCREW					
	13	1116180	1	GAUGE-OIL LEVER					
	14	6V8101	1	SEAL-O-RING					
	15	3B5301	1	COTTER					
	16	6T0806	1	RETAINER					
	17	6V4248	24	BOLT					
	18	6T9453	1	YOKE AS					
		6V7571	1	PLUG-CUP					
	19	D141180	1	U-JOINT (2C)					
	20	9W2769	8	BOLT					
	21	6V3822	1	BOLT					
	22	6T0807	1	LEVER					
B	23	8C8422	1	SEALENT					
	24	6V5587	2	RING					
	25	6T0820	1	CAM					
	26	6T0795	1	PLATE					
	27	8C5212	1	SEAL					
	28	8C5214	1	SEAL					
	29	D141124	1	COVER AS-XMSN					
		6T5545	1	DOWEL					
	30	8C5213	1	SEAL-O-RING					
Y	31	D141322	1	CASE AS-TRANSMISSION					
	32	5M9644	1	BEARING					
	33	9G9150	2	CLIP					
	34	008946	1	CLIP					

B-USE AS REQUIRED
Y-SEPARATE ILLUSATRATION

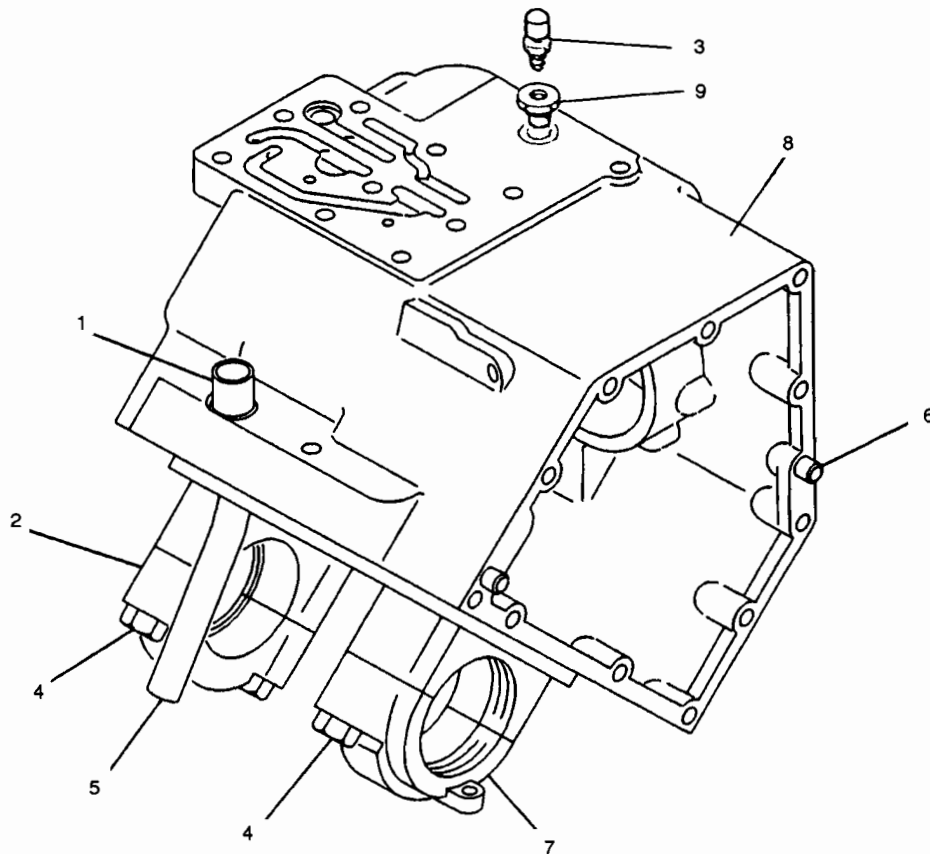
D141129 CASE & PARTS GP

D141322 - Page 86

Part Of D141132 Trnsmission Ar

7.04

POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	6T0811	1	TUBE					
	2	6T1207	1	CAP					
	3	D652020	1	BREATHER AS					
	4	8T0088	4	BOLT					
	5	6T0810	1	TUBE					
	6	6V7951	2	DOWEL					
Z	7	6T1206	1	CAP					
Z	8	D141359	1	CASE					
	9	D141321	1	ADAPTER-BREATHER					

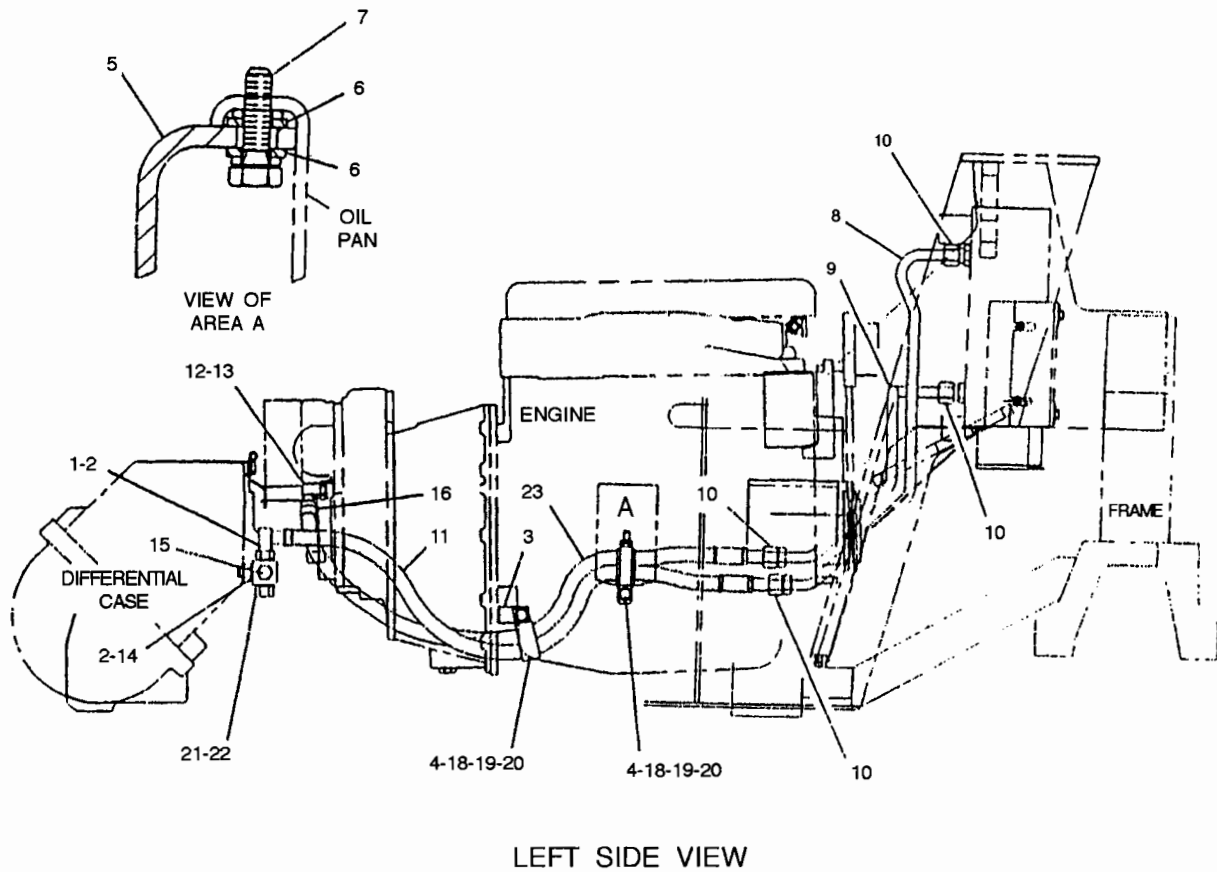
Z - NOT SERVICED SEPARATELY

D141322 CASE AR - TRANSMISSION
Part Of D141129 Case & Parts

MEMORANDA

7.05

POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C 1	1	5P4906	1	ELBOW	15	5M6213	1	PLUG	
	2	3K0360	2	SEAL-O-RING	16	5D1026	2	CLAMP-HOSE	
	3	2P1232	1	BRACKET	18	8T4137	2	BOLT	
	4	6D1641	2	CLIP	19	8T4121	4	WASHER	
	5	D131008	1	BRACKET	20	8T4133	2	NUT	
	6	8T4205	2	WASHER-HARD	21	6V9829	1	CAP AS(FOR USE WITH SHOE BRAKE ONLY)	
	7	1H3337	1	BOLT	22	8L2779	1	SEAL-O-RING	
	8	8Q2263	1	TUBE AS	23	6R6998	1	HOSE AS	
C 1	-	D131206	1	TUBE AS (09-0617~1108) (10-1238~2076) (11-0437~0707) (12-4683~8023)					
	9	8Q2262	1	TUBE AS					
E C 1	-	D131205	1	TUBE AS (09-0617~1108) (10-1238~2076) (11-0437~0707) (12-4683~8023)					
	10	7J9108	4	SEAL-O-RING					
	11	5I0231	1	HOSE AS					
	-	5P0743	230	HOSE-CM (09-0617~1108) (10-1238~2076) (11-0437~0707) (12-4683~8023)					
	12	6V9208	1	ELBOW					
	13	2M9780	1	SEAL-O-RING					
	14	6R7146	1	MANIFOLD-SEAL					

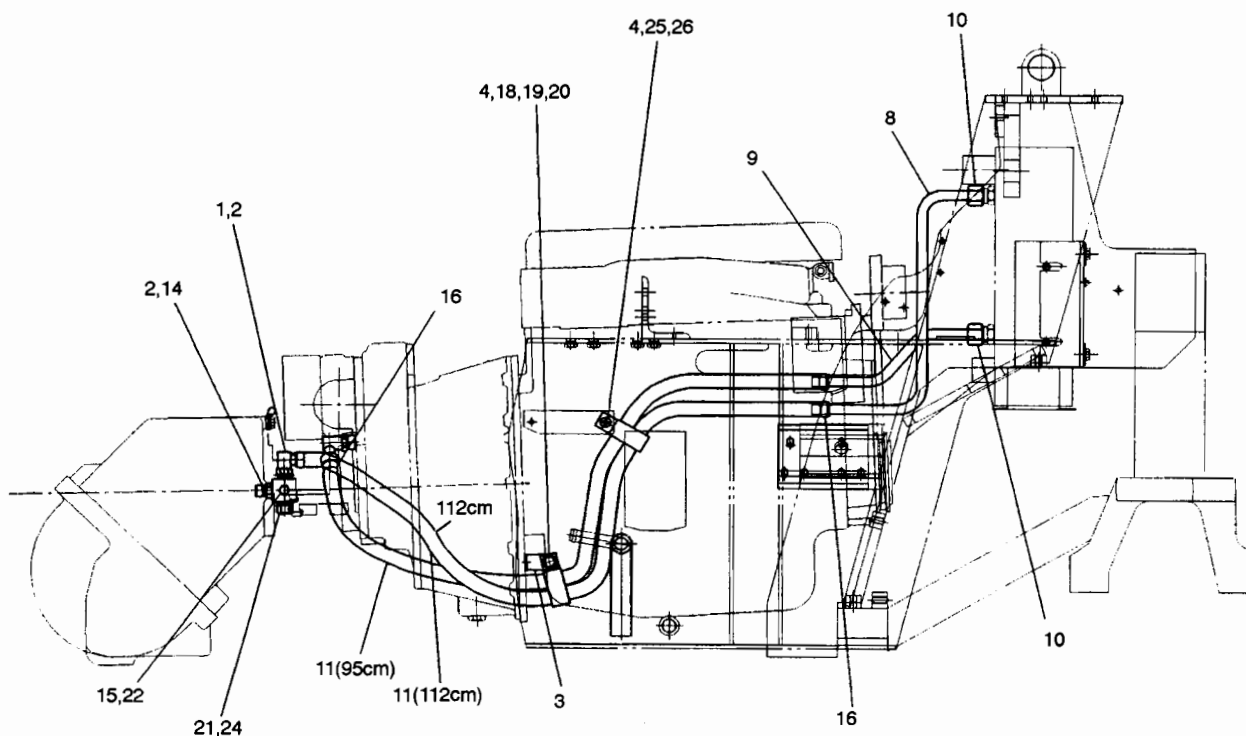
E-ORDER BY THE CENTIMETER
 C1-NOT INTERCHANGEABLE-CHANGED
 THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

09-0001~1108 11-0001~0707
 10-0001~2076 12-0001~8023

D131011 LINES GP - TORQUE CONVERTER

7.051

POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	D902197	1	ELBOW					
	2	3K0360	2	SEAL-O-RING					
	3	2P1232	1	BRACKET					
	4	6D1641	2	CLIP					
	8	D131293	1	TUBE AS					
	9	D131292	1	TUBE AS					
	10	6V8398	2	SEAL-FACE					
	11	5P1505	230	HOSE-CM					
	12	D902196	1	ELBOW					
	13	2M9780	1	SEAL-O-RING					
	14	6R7146	1	MANIFOLD-O-RING PORT					
	15	5M6213	1	PLUG					
	16	5D1026	4	CLAMP-HOSE					
	18	8T4137	1	BOLT					
	19	8T4121	2	WASHER					
	20	8T4133	1	NUT					
	21	6V9829	1	CAP AS FOR USE WITH SHOE BRAKE ONLY)					
	22	8L2779	1	SEAL-O-RING					
	24	6V8397	1	SEAL-FACE					
	25	8T4199	1	BOLT					
	26	5P4116	1	WASHER-HARD					

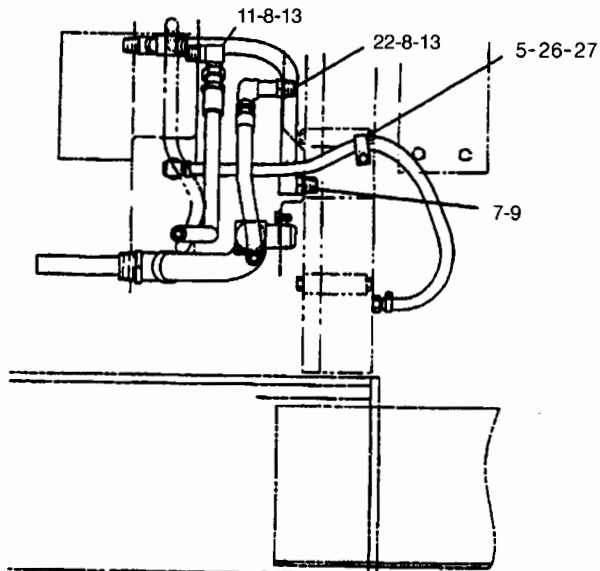
E-ORDER BY THE CENTIMETER

09-1109~UP 11-0708~UP
10-2077~UP 12-8024~UP

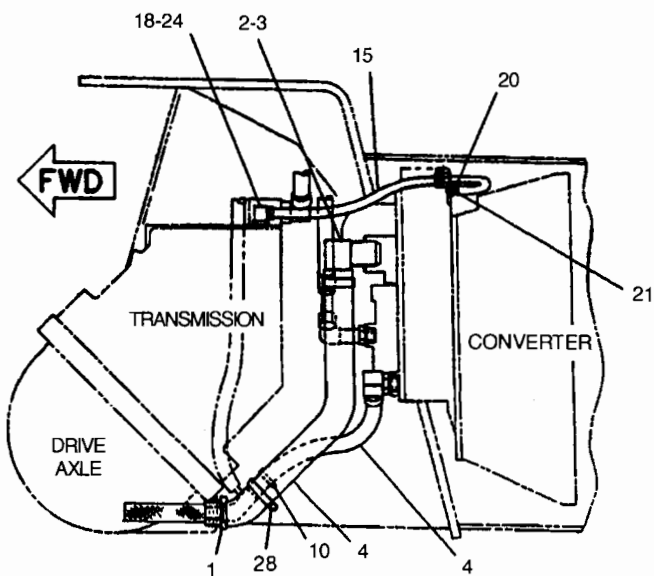
D131011-01 LINES GP - TORQUE CONVERTER

7.06

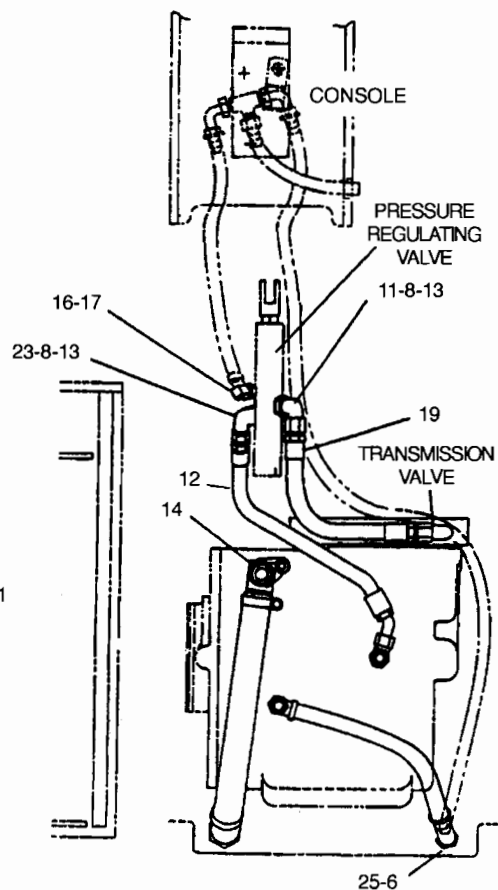
POWER TRAIN



TOP VIEW



LEFT SIDE VIEW



REAR VIEW

D141184 LINES GP POWER TRAIN OIL

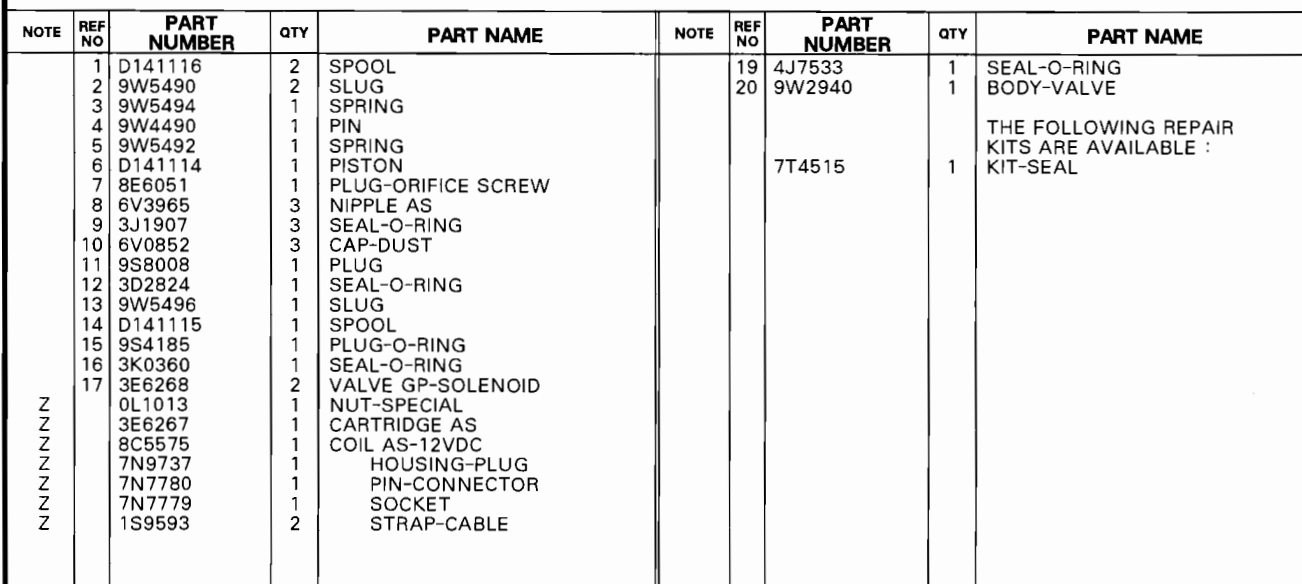
7.06

POWER TRAIN

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	D141182	1	STRAINER AS					
	2	909392	1	ELBOW-O-RING					
	3	9X4614	1	SEAL					
	4	6V9997	71	HOSE-CM					
	5	8T4121	1	WASHER					
	6	6R7122	1	TEE					
	7	3E4041	1	ELBOW					
	8	3K0360	4	SEAL-O-RING					
	9	336036	1	SEAL-O-RING					
	10	9M7958	2	CLAMP					
	11	6V8625	2	ELBOW					
	12	5I0248	1	HOSE AS					
	13	6V8398	4	SEAL-FACE					
	14	8T4200	1	BOLT					
E	15	5P6442	63	HOSE-BULK-CM					
	16	5P4924	1	ELBOW-O-RING					
	17	3J1907	1	SEAL-O-RING					
	18	6V1355	1	ELBOW					
	19	5I0048	1	HOSE AS					
	20	1P4278	2	CLAMP					
	21	2V4868	1	FITTING					
	22	8T1686	1	ELBOW					
	23	8C6987	1	ELBOW AS					
	24	8C6988	1	ELBOW					
Z	25	8C6989	1	ORIFICE					
	26	3J7354	1	SEAL-O-RING					
	27	9X7712	1	SEAL-O-RING					
	28	8M2770	1	CLIP					
		8T4191	1	BOLT					
		2S3440	2	CLAMP					

E-ORDER BY THE CENTIMETER
Z-NOT SERVICED SEPARATELY

D141184 LINES GP POWER TRAIN OIL

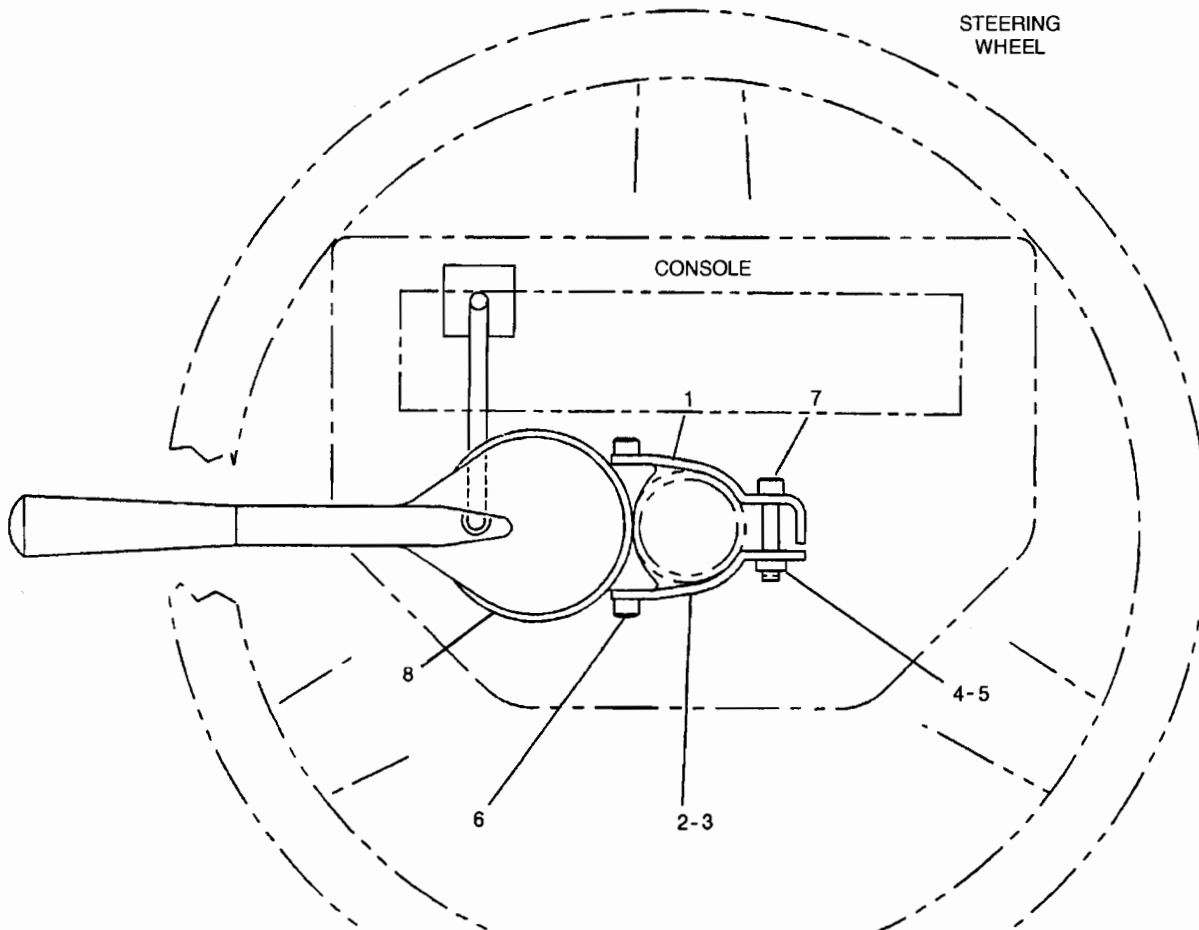


- 90 - D139175

MEMORANDA

7.08

POWER TRAIN

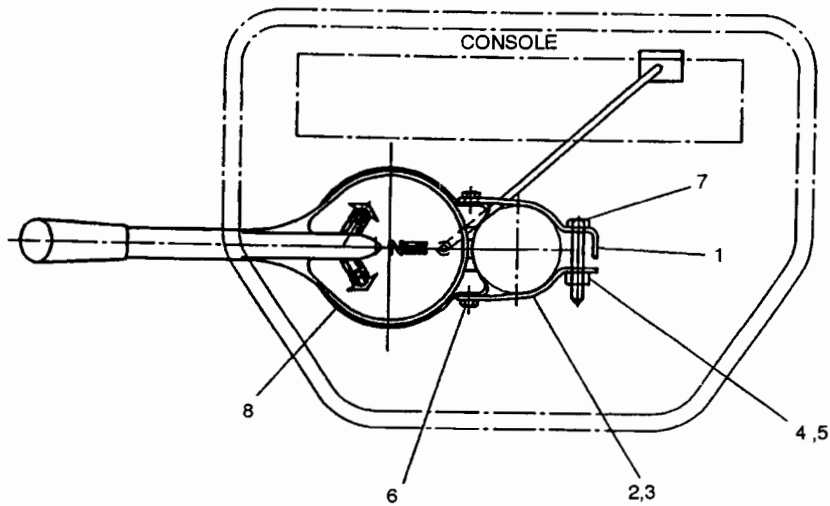


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	917419	1	CLAMP					
	2	D147488	1	CLAMP AS					
	3	917418	1	CLAMP					
	4	D147487	1	PLATE					
	5	2K3219	1	SCREW-DRIVE					
	6	6V7488	4	BOLT-HEX SOCKET HEAD					
	7	1H3340	2	BOLT					
	8	D147484	1	SWITCH-DIRECTIONAL					
09-0001~0947 11-0001~0593 10-0001~1833 12-0001~6797									

908056 CONTROL GP - FORWARD & REVERSE

7.081

POWER TRAIN



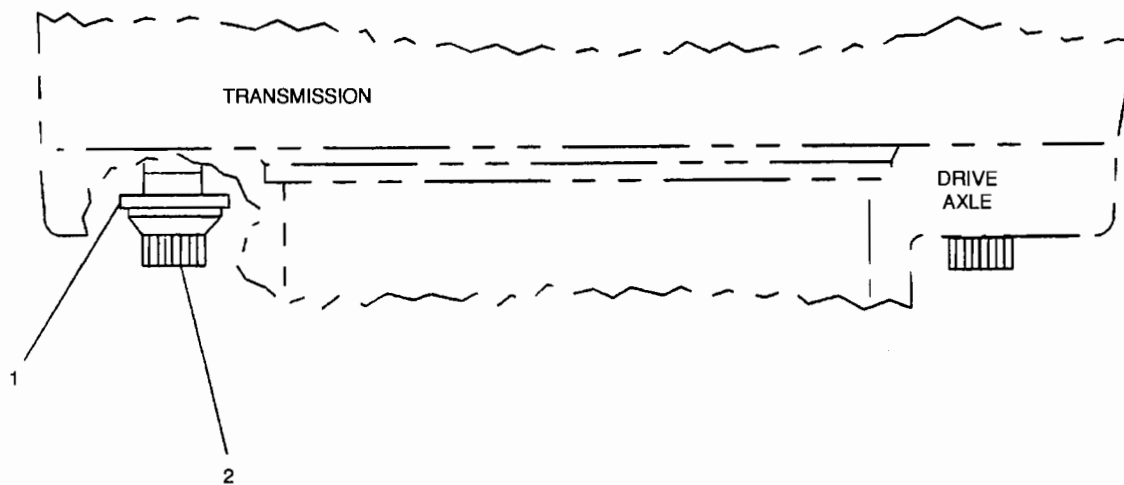
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	917419	1	CLAMP					
	2	918388	1	CLAMP AS					
	3	917418	1	CLAMP					
	4	918387	1	PLATE					
	5	2K3219	1	SCREW-DRIVE					
	6	6V7488	4	BOLT-HEX SOCKET HEAD					
	7	1H3340	2	BOLT					
	8	D147458	1	SWITCH-DIRECTIONAL					

09-0948~UP 11-0594~UP
10-1834~UP 12-6798~UP

D131184 CONTROL GP - FORWARD & REVERSE

7.09

POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V5841	4	WASHER					
	2	6V7572	4	BOLT					

908022 MOUNTING GP - TRANSMISSION
Part Of D141136, D141137 Transaxle Ars

7.10

POWER TRAIN

		PAGE
1	D141325 AXLE GP-DRIVE	94
20	8T6429 BOLT-HEX SOCKET HEAD	
1	D140266 BRAKE GP-SERVICE-SHOE	119
2	909044 BRAKE DRUM AS	124
1	908022 MOUNTING GP-TRANSMISSION	82
1	D141119 PLATE-TRANSAXLE ID	
1	D141132 TRANSMISSION AR	81
20	2S5658 WASHER	

D141136 TRANSAXLE AR Shoe Brake

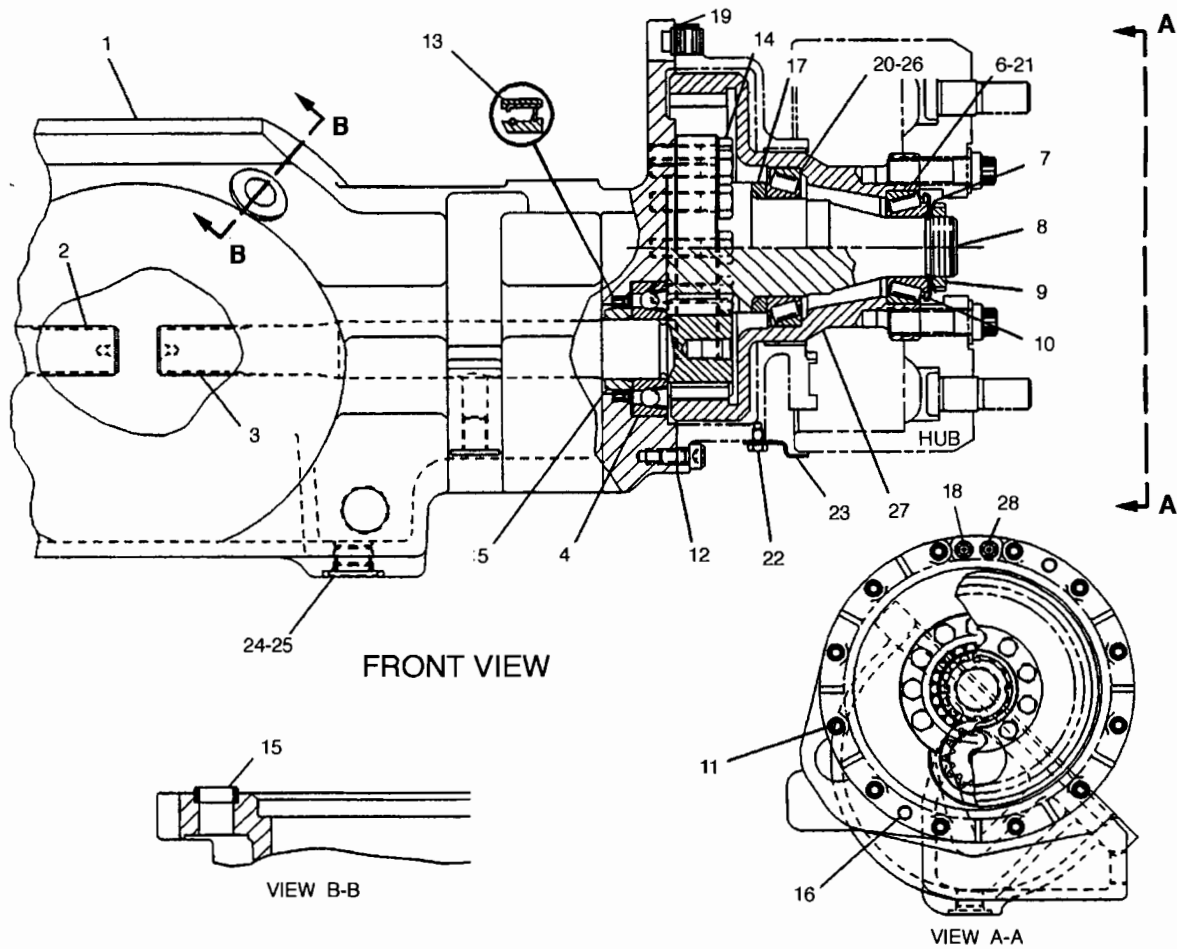
7.11

		PAGE
1	D141293 AXLE GP-DRIVE	95
1	D141125 BRAKE GP-SERVICE DISC	118
1	908022 MOUNTING GP-TRANSMISSION	92
1	D141119 PLATE-TRANSAXLE ID	
1	D141132 TRANSMISSION AR	81

D141137 TRANSAXLE AR Disc Brake

7.12

POWER TRAIN

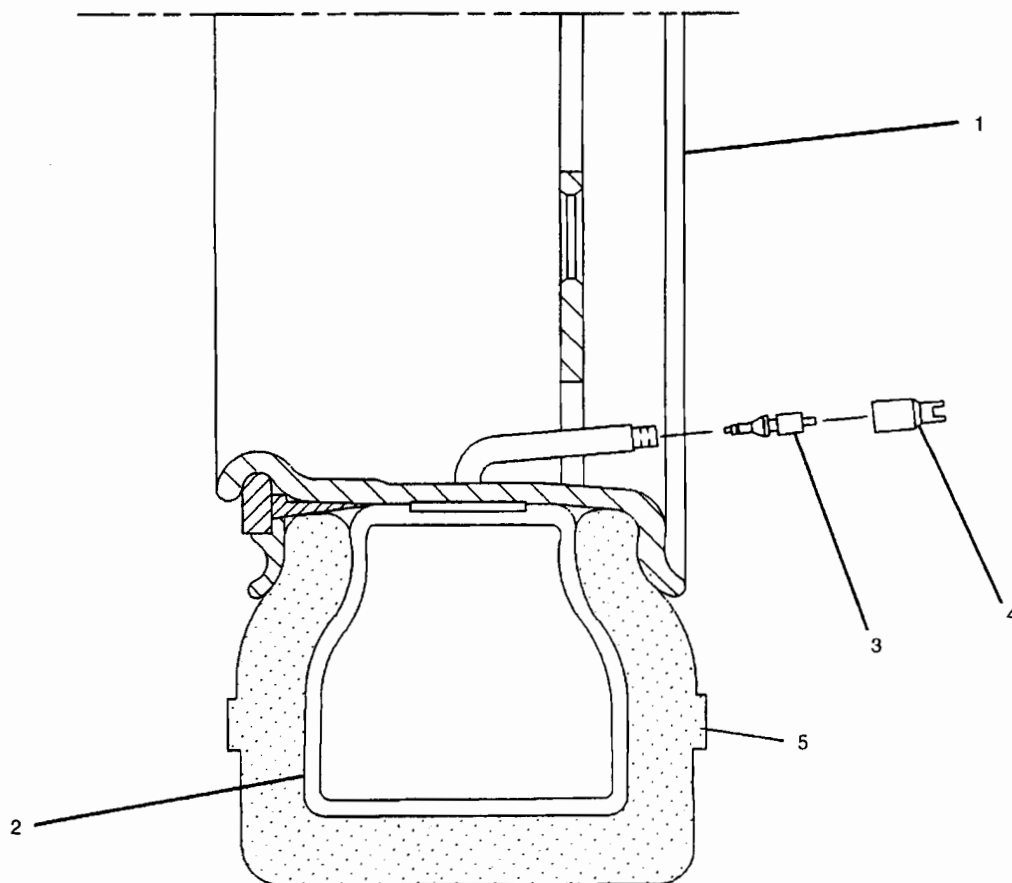


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R6326	1	HOUSING-DRIVE AXLE		27	909021	2	HUB-DRIVE AXLE
	2	909003	1	SHAFT AS-DR LH		28	D130731	2	FITTING-BRAKE AIR BLEEDING
	3	909004	1	SHAFT AS-DR LH					
	4	6V8153	1	BALL BEARING					
	5	909017	1	RETAINER					
	6	6V8797	2	CUP-ROLLER BEARING					
	7	6V7721	2	WASHER-BEARING LOCK					
	8	909007	2	SPINDLE-DRIVE AXLE					
	9	6V7674	2	NUT-BEARING LOCK					
	10	909008	2	SHIELD-GREASE					
	11	6V3938	24	BOLT-HEX SOCKET HEAD					
	12	909011	2	GASKET					
	13	9X7694	2	SEAL-LIP TYPE					
	14	6V5684	18	BOLT					
	15	909050	1	DOWEL					
	16	6V8011	4	DOWEL					
	17	909052	2	RING					
	18	909328	2	CONNECTOR					
	19	5L4758	8	SEAL-O-RING					
	20	1P2662	2	CONE-ROLLER BEARING					
	21	6V8796	2	CONE-BEARING					
	22	6V8006	10	BOLT-HEX FLANGE					
	23	909186	2	SHIELD					
	24	082103	1	SEAL-O-RING					
	25	8T2100	1	PLUG-MAGNETIC					
	26	1P2636	2	CUP-BEARING					

D141325 AXLE GP - DRIVE(SHOE)
Part Of D141136, Transaxle Ars

7.15

POWER TRAIN

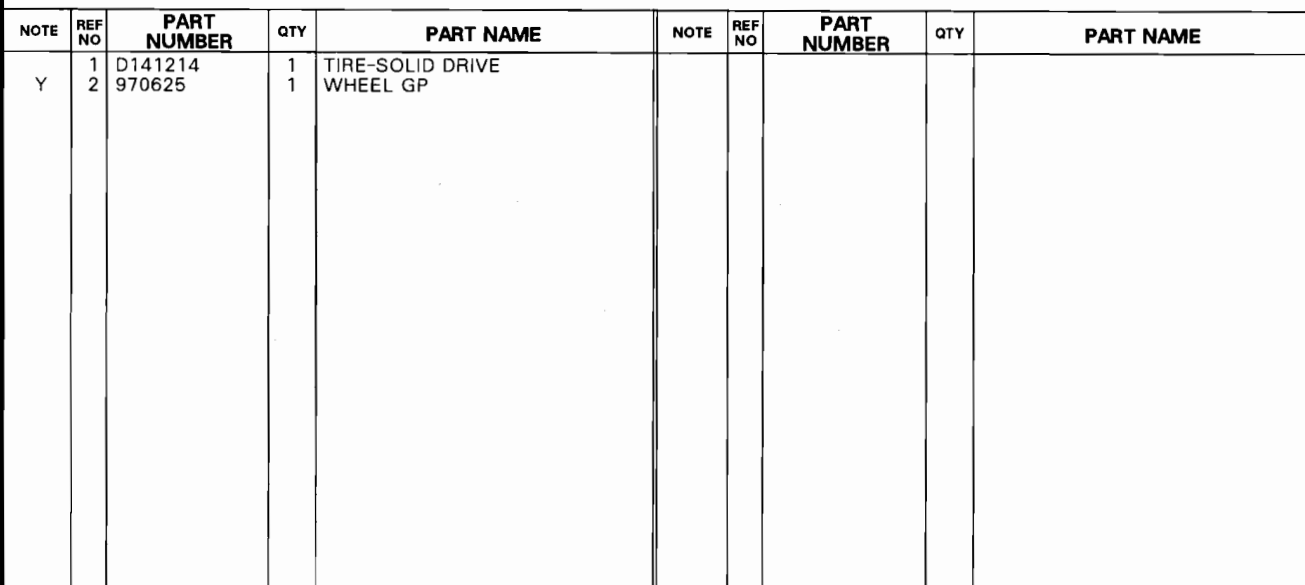


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	970625	1	WHEEL GP					
	2	301868	1	TUBE AS					
	3	2D2628	1	CORE-VALVE					
	4	2D2633	1	CAP-VALVE					
	5	301869	1	TIRE					

Y-SEPARATE ILLUSATRATION

909103 WHEEL & TIRE GP - DRIVE - 2 REQUIRED

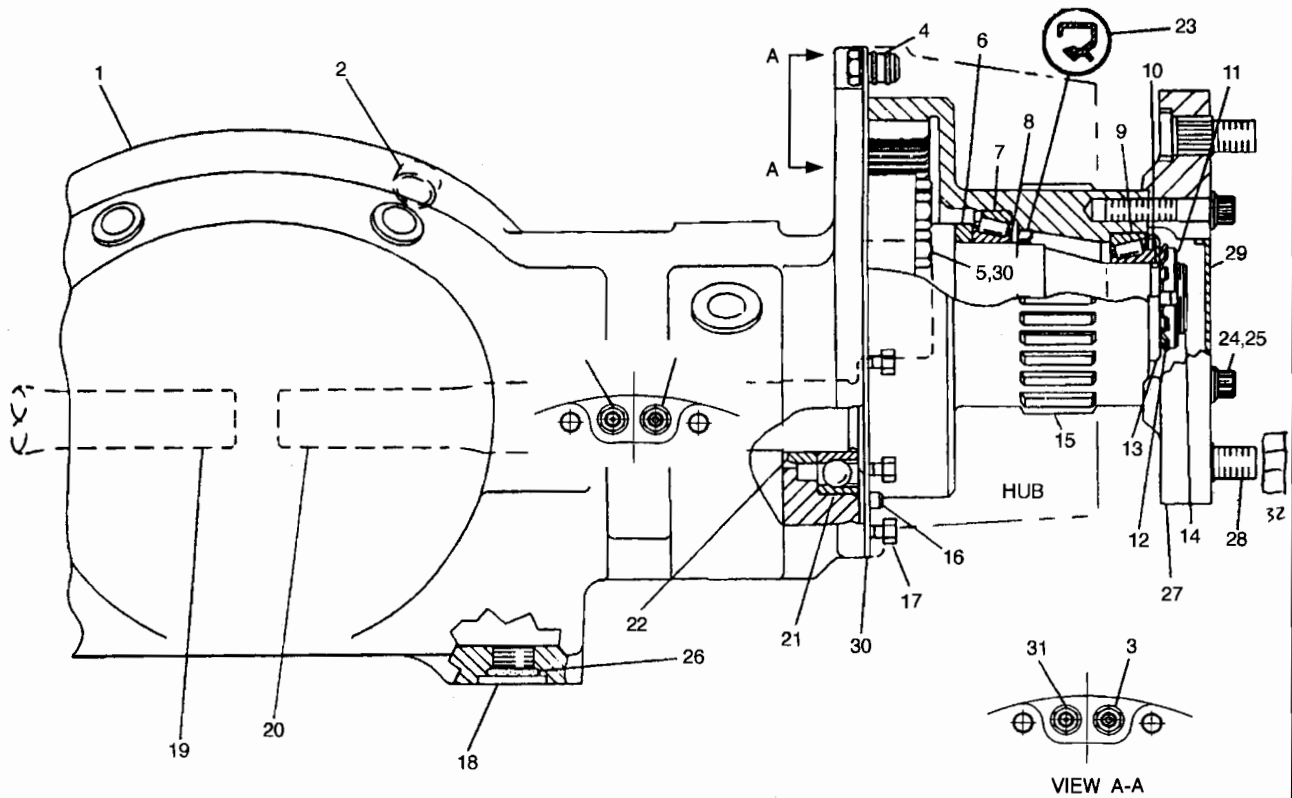
Pneumatic
970625-Page 100
G30 S-2, An Attachment



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7.13

POWER TRAIN



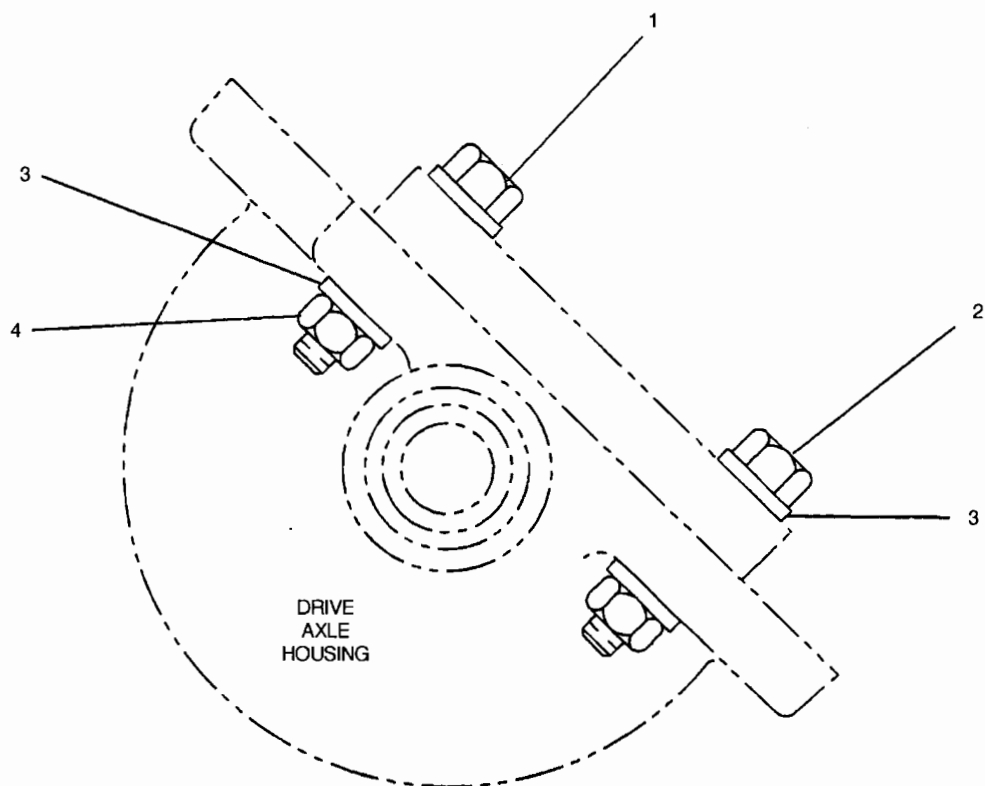
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R6326	1	HOUSING-DRIVE AXLE		27	909251	2	ADAPTER AS-WHEEL (EACH INCLUDES)
	2	909050	1	DOWEL		28	909188	6	BOLT-BRAKE DRUM
	3	909333	2	FITTING-BRAKE LINE		29	909051	1	CAP
	4	6V9028	4	SEAL-O-RING		30	8C8422	1	SEALANT
	5	6V5684	18	BOLT	B	31	D130730	2	FITTING-BRAKE AIR BLEEDING
	6	909052	2	RING		32	909189	6	Nut
	7	1P2636	2	CUP-BEARING					
	8	1P2662	2	CONE-ROLLER BEARING					
	9	6V8797	2	CUP-ROLLER BEARING					
	10	6V8796	2	CONE-BEARING					
	11	6V7674	2	NUT-BEARING LOCK					
	12	6V7721	2	WASHER-BEARING LOCK					
	13	909008	2	SHIELD-GREASE					
	14	909007	2	SPINDLE-DRIVE AXLE					
	15	D141292	2	HUB-DRIVE AXLE					
	16	6V8011	4	DOWEL					
	17	6V3938	24	BOLT-HEX SOCKET HEAD					
	18	8T2100	1	PLUG-MAGNETIC					
	19	909003	1	SHAFT AS-DR LH					
	20	909004	1	SHAFT AS-DR LH					
	21	6V8153	1	BALL BEARING					
	22	909017	1	RETAINER					
	23	9X7695	2	SEAL-LIP TYPE					
	24	8T6429	20	BOLT-HEX SOCKET HEAD					
	25	2S5658	20	WASHER					
	26	082103	1	SEAL-O-RING					

B-USE AS REQUIRED

D141293 AXLE GP - DRIVE(DISC)
Part Of D141137, Transaxle Ars

7.14

POWER TRAIN

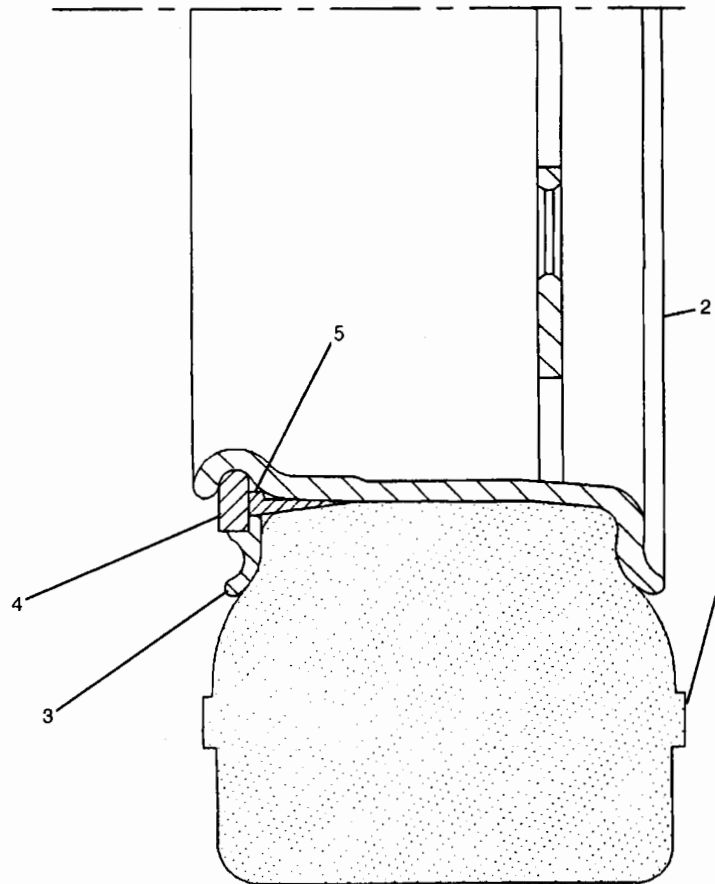


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V8005	2	BOLT					
	2	6V5231	2	BOLT					
	3	6V5841	8	WASHER-HARD					
	4	6V7742	4	NUT-FULL					

909037 MOUNTING GP - DRIVE AXLE

7.17

POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D141215	1	TIRE-SOLID DRIVE					
	2	909262	1	WHEEL GP					
	3	349363	1	RING-SIDE					
	4	328916	1	RING-LOCKING					
	5	328918	1	RING-SHOULDER					

D141217 WHEEL & TIRE GP - DRIVE - 2 REQUIRED

Softer Ride - Solid Pneumatic
G30S - 2, G25S - 2, An Attachment

7.18

POWER TRAIN

1	909266	WHEEL GP-DRIVE
1	328916	RING-LOCKING
1	328917	RING-SIDE
1	328918	RING-SHOULDER

-OR-

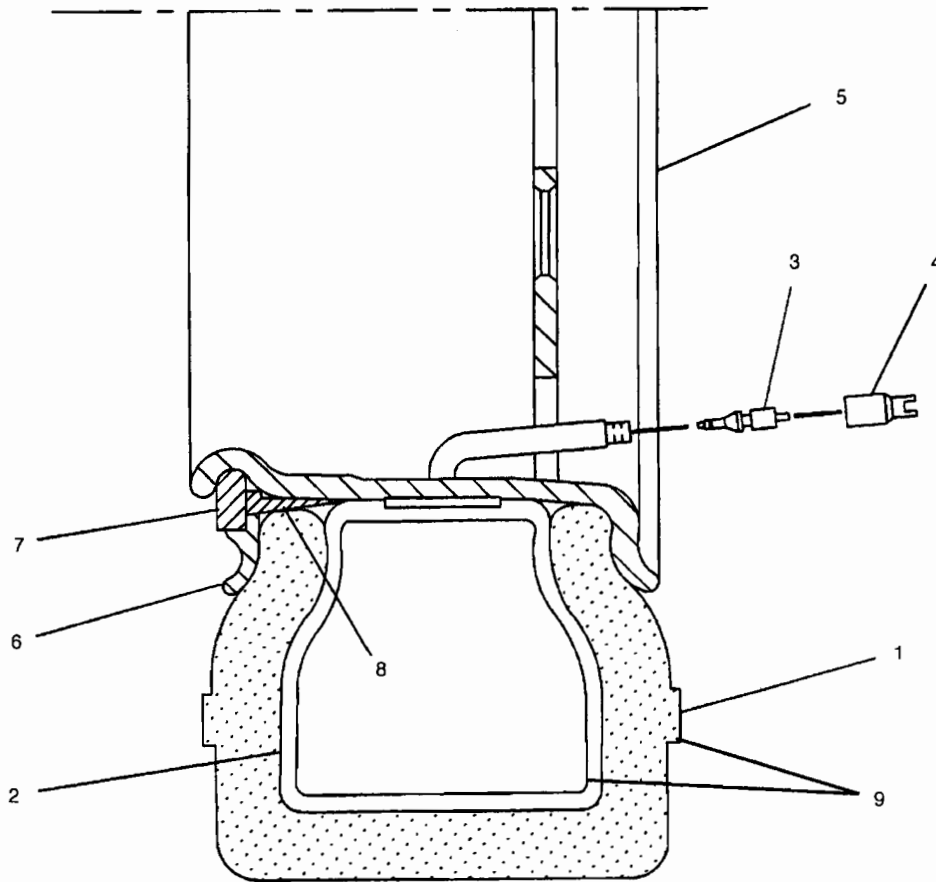
1	970622	WHEEL GP-DRIVE
1	970623	RING-SIDE
1	970624	RING-LOCK

970625 WHEEL GP

Part Of D141216, 909103 Wheel & Tire
An Attachment

7.19

POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	301865	1	TIRE					
	2	301864	1	TUBE AS					
	3	2D2628	1	CORE-VALVE					
	4	2D2633	1	CAP-VALVE					
	5	909262	1	WHEEL GP					
	6	349363	1	RING-SIDE					
	7	328916	1	RING-LOCKING					
	8	328918	1	RING-SHOULDER					
	9	367420	1	TIRE ASS'Y					

8Q7467 WHEEL & TIRE GP - DRIVE - 2 REQUIRED

Pneumatic

G30S - 2, G25S - 2, An Attachment

7.20

POWER TRAIN

		PAGE
1	909273 TIRE & WHEEL-DRIVE	102
1	917490 TIRE & WHEEL-DRIVE	103

909100 WHEEL & TIRE GP - DRIVE - 2 REQUIRED
Dual Tires - Pneumatic
An Attachment

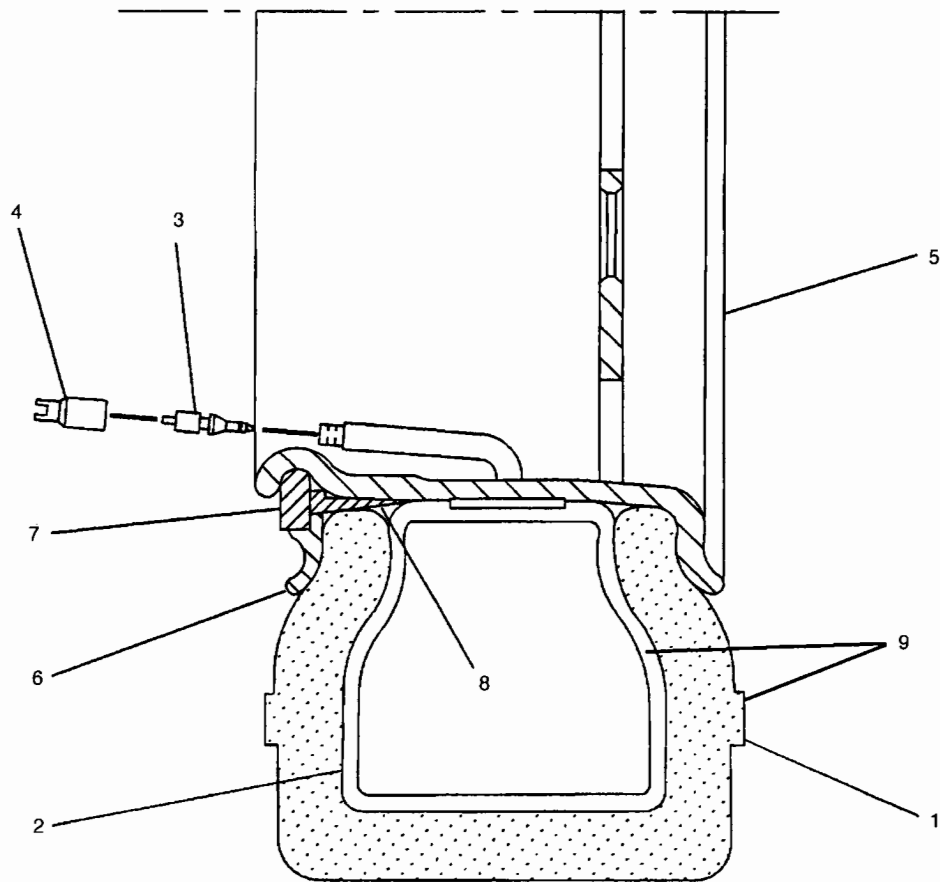
7.21

		PAGE
1	301864 TUBE AS	
1	2D2633 CAP-VALVE	
1	2D2628 CORE-VALVE	
1	909264 WHEEL GP	
1	328916 RING-LOCKING	
1	328918 RING-SHOULDER	
1	349363 RING-SIDE	
1	301865 TIRE-PNEU.	
1	367420 TIRE ASS'Y	

909273 WHEEL & TIRE GP - DRIVE - 2 REQUIRED
Dual Tires - Pneumatic
Part Of 909100 Wheel & Tire - Drive
An Attachment

7.22

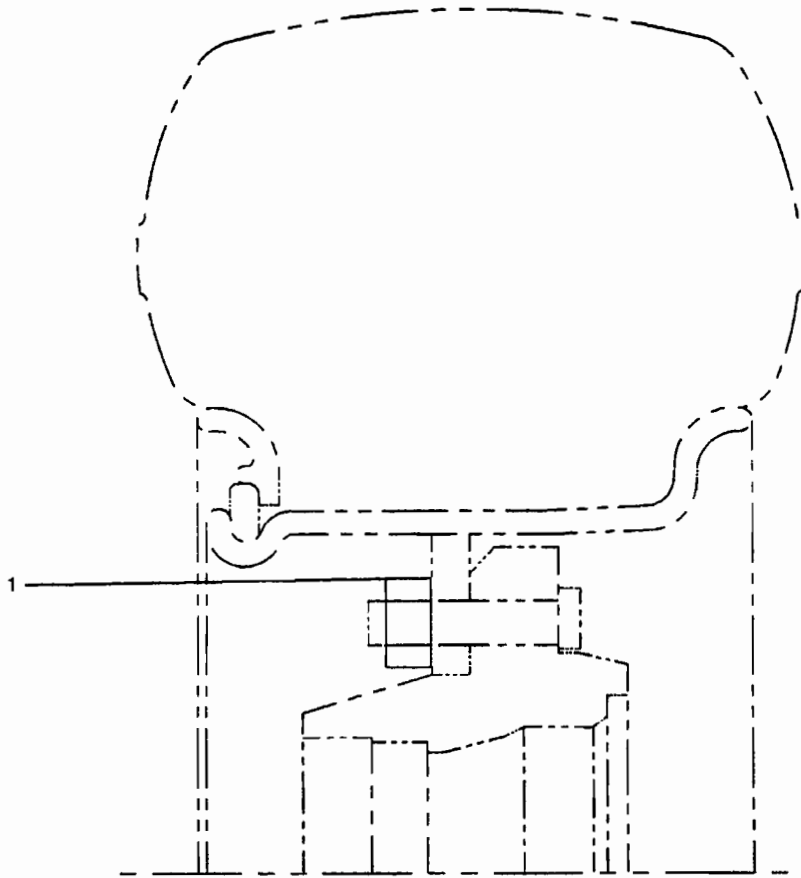
POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	301865	1	TIRE-PNEU.					
	2	301864	1	TUBE AS					
	3	2D2628	1	CORE-VALVE					
	4	2D2633	1	CAP-VALVE					
	5	909262	1	WHEEL GP					
	6	349363	1	RING-SIDE					
	7	328916	1	RING-LOCKING					
	8	328918	1	RING-SHOULDER					
	9	367420	1	TIRE ASS'Y					

917490 WHEEL & TIRE GP - DRIVE - 2 REQUIRED

Dual Tires - Pneumatic
Part Of 909100 Wheel & Tire - Drive
An Attachment

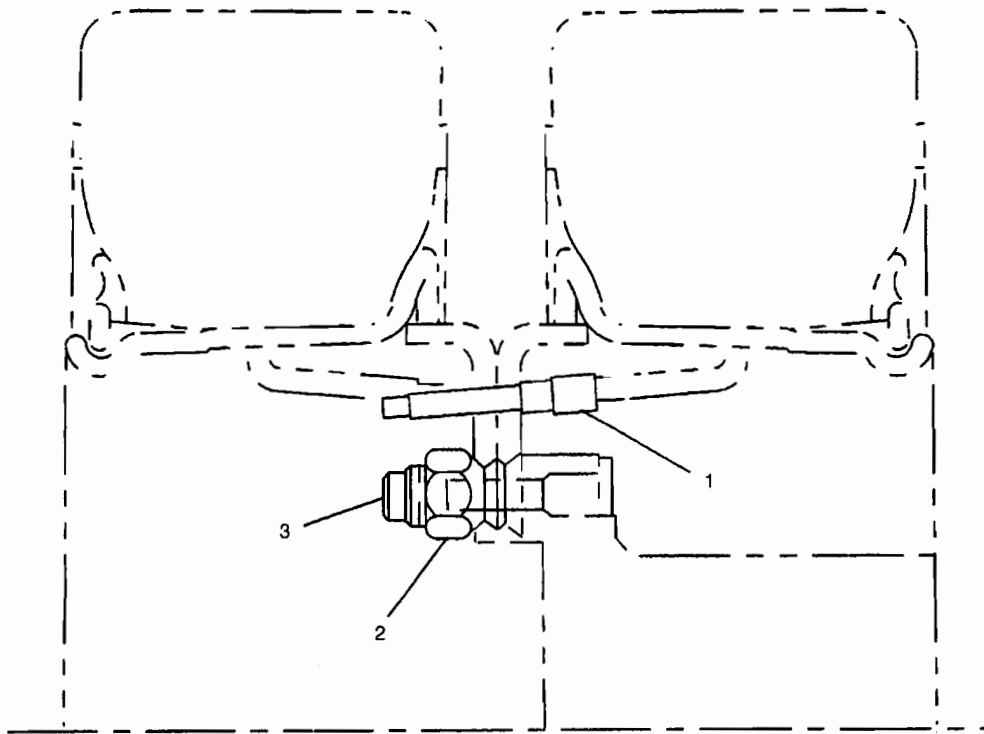


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	909189	6	NUT					

- 104 - D139175

7.24

POWER TRAIN



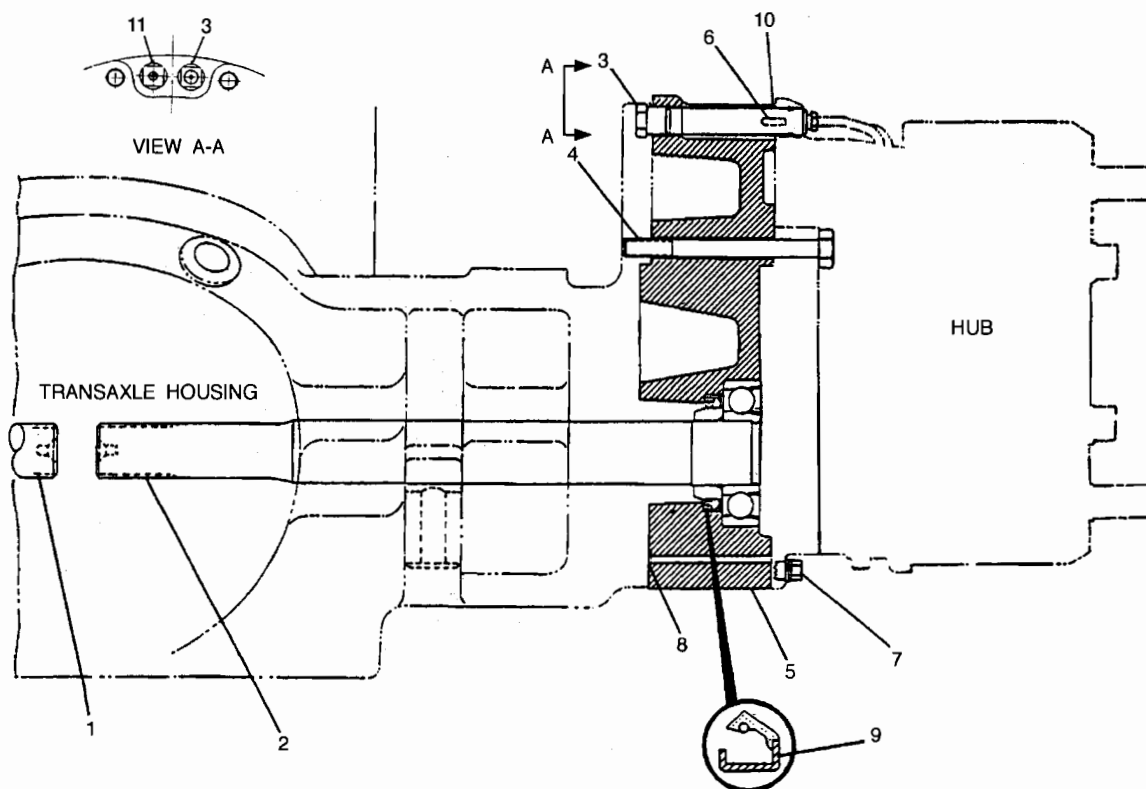
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	637102	1	EXTENSION-TUBE					
	2	909190	6	NUT					
	3	909191	6	NUT-INNER					

909110 MOUNTING GP - DRIVE WHEEL - 2 REQUIRED

For Use With Dual Tires
An Attachment

7.25

POWER TRAIN



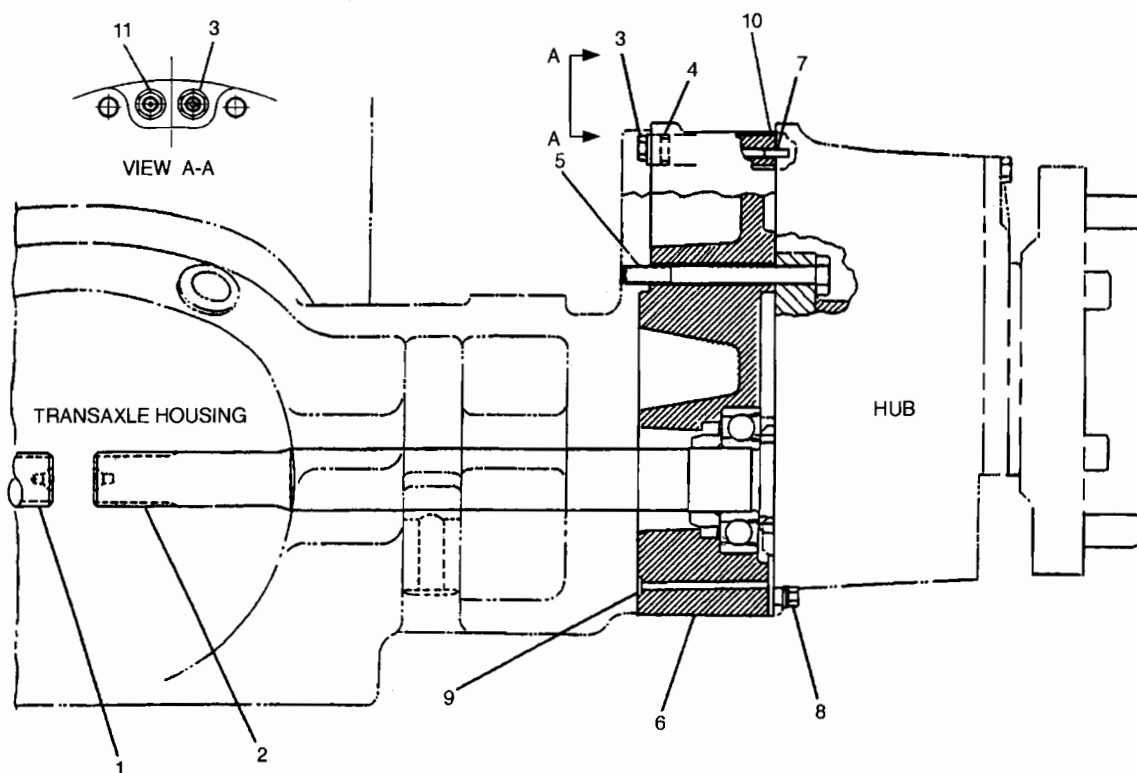
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B C1	1	909036	1	SHAFT AS-DRIVE RH					
		909040	1	SHAFT-DRIVE AXLE RH					
		909017	1	RETAINER					
		6V8153	1	BALL BEARING					
	2	909041	1	SHAFT AS-DRIVE LH					
		909042	1	SHAFT-DRIVE AXLE LH					
		909017	1	RETAINER					
		6V8153	1	BALL BEARING					
	3	909241	2	CONNECTOR					
	4	8T5041	18	BOLT					
	5	909032	2	SPACER AS					
	6	6V8011	2	DOWEL					
	7	8T7586	24	BOLT					
	8	7J9108	2	SEAL-FACE					
	9	9X7694	1	SEAL-LIP TYPE					
	10	8C8422		SEAL-ENT					
	11	D141327	2	FITTING (09-0957~UP)					
				(10-1844~UP)					
				(12-6870~UP)					

B-USE AS
C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D141146 CHANGE OVER AR - STD TO WIDE AXLE(SHOE)
An Attachment

7.26

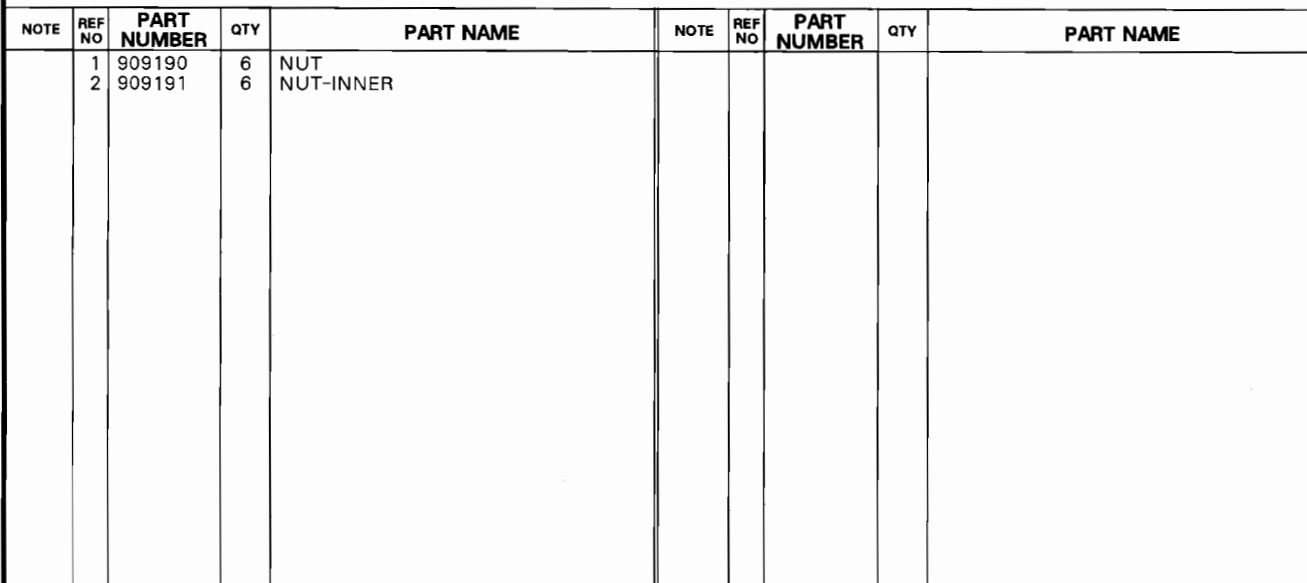
POWER TRAIN



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	909036	1	SHAFT AS-DRIVE R.H					
		909040	1	SHAFT-DRIVE AXLE R.H					
		909017	1	RETAINER					
		6V8153	1	BALL BEARING					
	2	909041	1	SHAFT AS-DRIVE L.H					
		909042	1	SHAFT-DRIVE AXLE L.H					
		909017	1	RETAINER					
		6V8153	1	BALL BEARING					
	3	909317	2	FITTING-BRAKE LINE					
	4	5L4758	4	SEAL-O-RING					
	5	8T5041	18	BOLT					
	6	909032	2	SPACER AS					
	7	6V8011	2	DOWEL					
	8	8T7586	24	BOLT					
	9	7J9108	2	SEAL-FACE					
B	10	8C8422		SEAL-ENT					
C1	11	D141326	2	FITTING (09-0957~UP) (10-1844~UP) (12-6870~UP)					

B-USE AS REQUIRED
C1-NOT INTERCHANGEABLE-CHANGED
THE DATA IN "()" MEANS SERIAL NUMBER INFORMATION

D141147 CHANGE OVER AR - STD TO WIDE AXLE(DISC)
An Attachment



- 107.1 - D139175

7.28

POWER TRAIN

	PAGE
1 D130925 WHEEL & TIRE-DUAL SOLID	107.2
1 D141217 TIRE & WHEEL AS-DRIVE	99

D130924 WHEEL & TIRE GP - 2 REQUIRED

Dual Tires - Soft Rider - Solid
An Attachment

7.29

	PAGE
1 909264 WHEEL GP	
1 328916 RING-LOCKING	
1 328918 RING-SHOULDER	
1 349363 RING-SIDE	
1 D141215 TIRE-SOLID DRIVE	

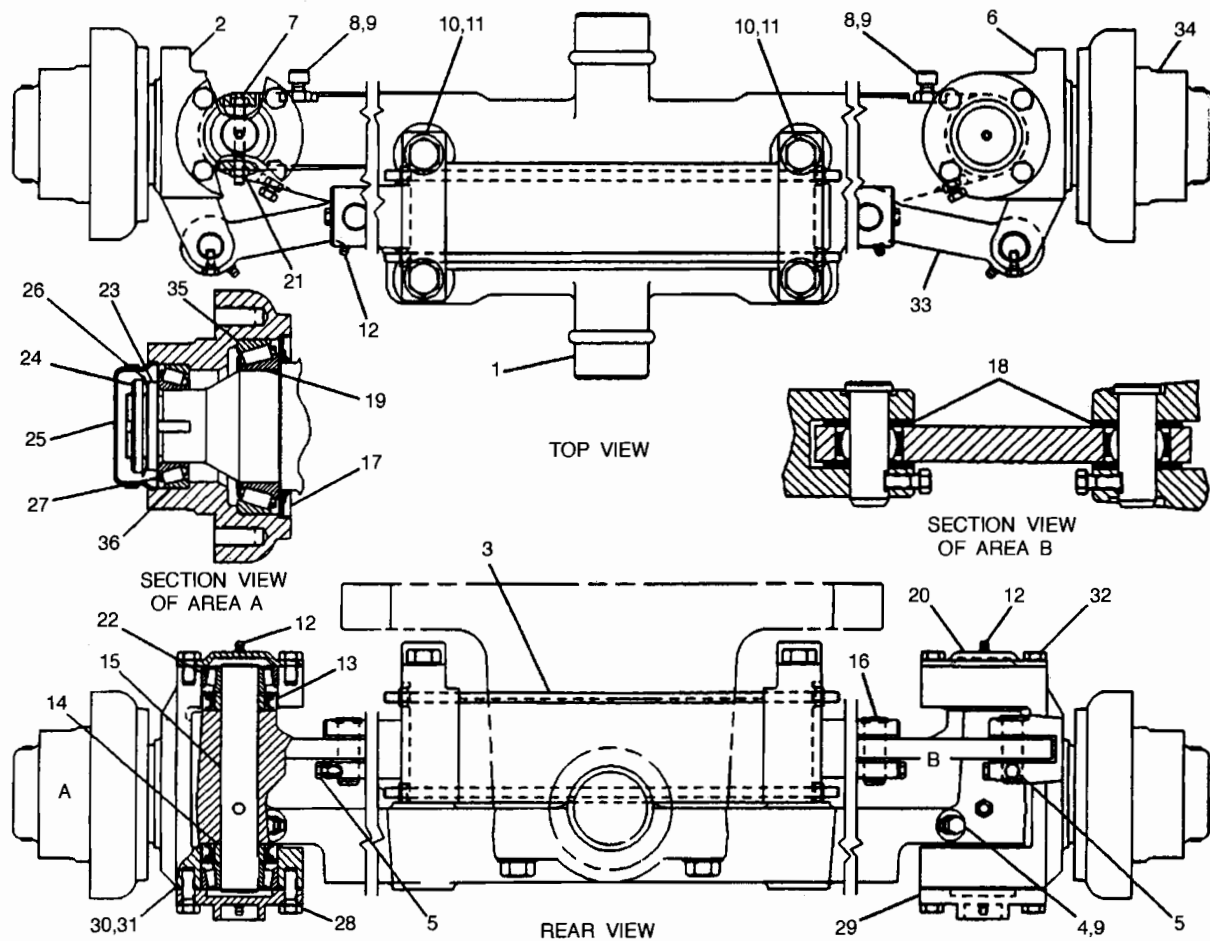
D130925 WHEEL & TIRE GP - 2 REQUIRED

Dual Tires - Soft Rider - Solid
Part Of D130924 Wheel & Tire - Drive
An Attachment

MEMORANDA

8.01

STEERING SYSTEM



8

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	6R7079	1	BEAM-STEER AXLE	27	1T0434	2	CONE-ROLLER BEARING	
	2	D131217	1	KNUCKLE-L.H.	28	8T4195	8	BOLT	
	3	D501670	1	CYLINDER GP-STEER	29	6R6958	2	COVER-BOTTOM	
	4	8T4136	2	BOLT	30	6R6959	3	SHIM	
	5	6V7727	4	BOLT	31	6R6960	8	SHIM	
	6	D131216	1	KNUCKLE-R.H.	32	8T4137	8	BOLT	
	7	6V5220	2	BOLT	33	D131207	2	LINK AS	
	8	8T4957	2	BOLT-SOCKET HEAD		6V1506	2	NIPPLE-GREASE	
	9	8T4133	4	LOCKNUT		9N4661	2	BEARING-SELS ALIGNING	
	10	7X2558	4	BOLT		909891	1	LINK	
	11	5P8247	4	WASHER-HARD	34	D131026	2	HUB AS	
	12	D909174	4	FITTING	35	7D8348	1	CUP-ROLLER BEARING	
	13	6R6966	4	SEAL	36	1T0433	1	CUP-ROLLER BEARING	
	14	6R6957	4	SPACER					
	15	6R6961	2	PIN-KING					
	16	908169	4	PIN					
	17	6V8407	2	SEAL-LIP TYPE					
	18	908170	8	SEAL					
	19	7D8349	2	CONE-ROLLER BEARING					
	20	6R6967	2	COVER-TOP					
	21	6V9189	2	NUT-LOCK					
	22	6R6990	4	BEARING-ROLLER					
	23	909887	2	WASHER-TONGUE					
	24	6V7674	2	NUT-BEARING LOCK					
	25	908230	2	CAP					
	26	6V7721	2	WASHER-BEARING LOCK					

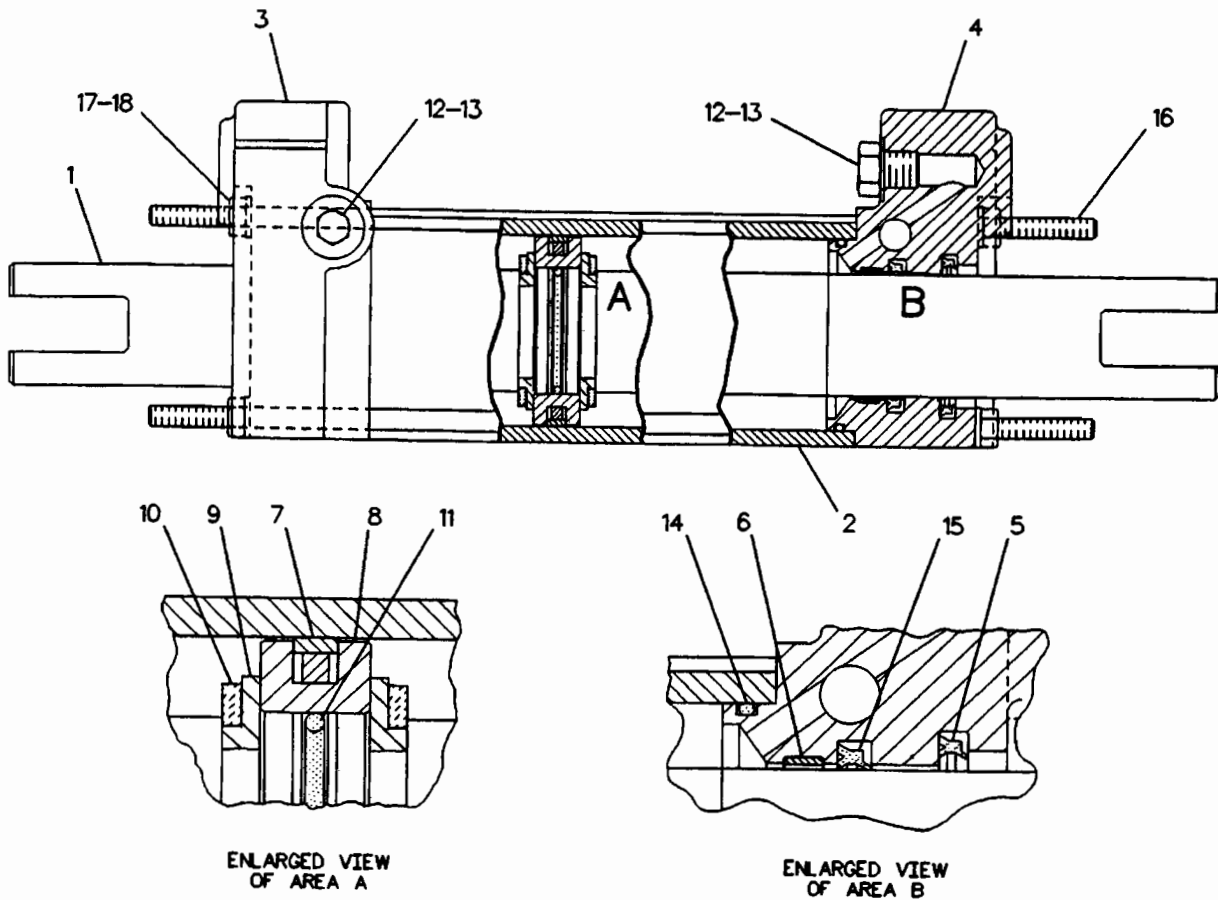
Y-SEPARATE ILLUSTRATION

D130264 AXLE GP - STEER

D501670 Page 110

8.02

STEERING SYSTEM



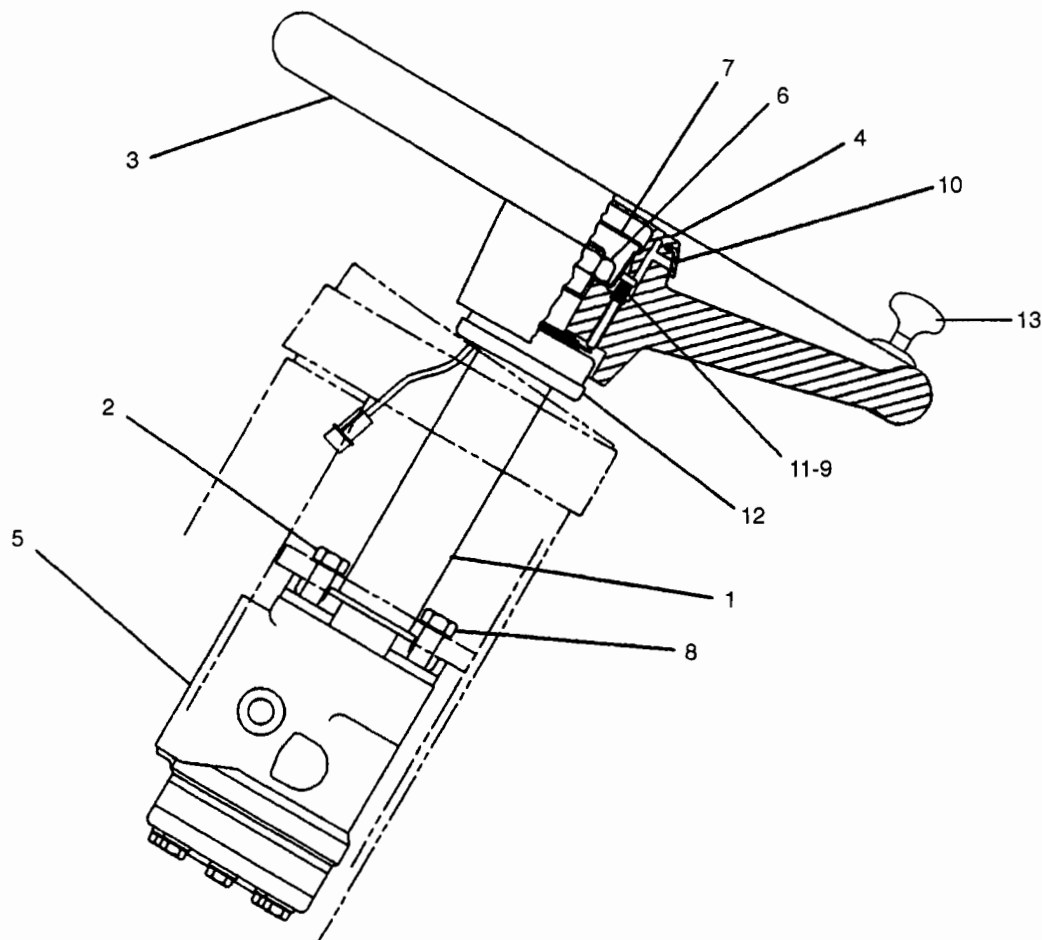
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D510026	1	ROD-PISTON					
	2	863459	1	TUBE					
	3	D510027	1	CAP-END R.H.					
	4	D510028	1	CAP-END L.H.					
J	5	911721	2	SEAL-WIPER					
J	6	D144354	2	RING-WEAR					
J	7	D510673	1	RING-CUSHION					
	8	863461	1	PISTON					
	9	D144353	2	RING					
	10	D144352	2	RING-RETAINING					
J	11	6V7660	1	SEAL-O-RING					
J	12	3J1907	2	SEAL-O-RING					
	13	9S4191	2	PLUG					
J	14	6V7661	2	SEAL-O-RING					
J	15	911136	2	SEAL					
	16	D510674	2	ROD					
	17	8T4224	4	WASHER					
	18	5C7261	4	NUT					
		D144355	1	KIT-SEAL P/S CYL (INCLUDES MARKED J)					

D501670 CYLINDER GP - STEER

MEMORANDA

8.03

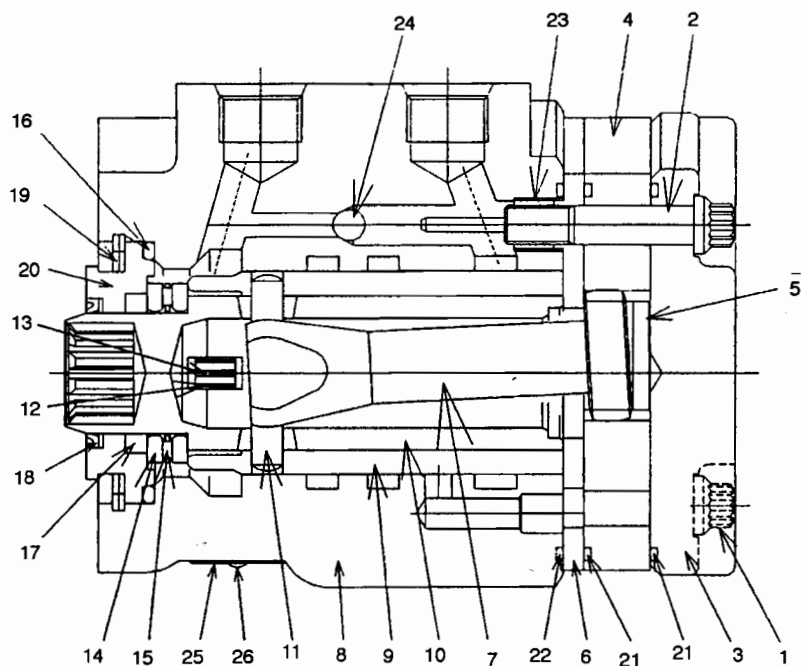
STEERING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	913163	1	COLUMN GP					
	2	6V8335	2	BOLT					
B		6V5839	2	WASHER					
	3	923200	1	WHEEL-HAND STEERING					
	4	D144018	1	BUTTON-HORN					
Y	5	D516507	1	PUMP GP-METERING					
		D516509	-	KIT-SEAL					
		D516508	-	KIT-NEEDLE BEARING					
	6	970084	1	RETAINER					
	7	923189	1	CUP-RETAINING					
B	8	8T0441	2	BOLT					
	9	987466	3	PIN					
	10	919071	1	SEAL-HORN BUTTON					
	11	987468	3	SPRING					
	12	835888	1	SWITCH AS-HORN					
		5P8435	70	WIRE-ELECTRICAL-CM					
		7X7967	8	SLEEVE					
		9G5859	2	PIN					
		926351	1	HOUSING					
13		D131232	1	GRIP AS-STEER(OPTION)					

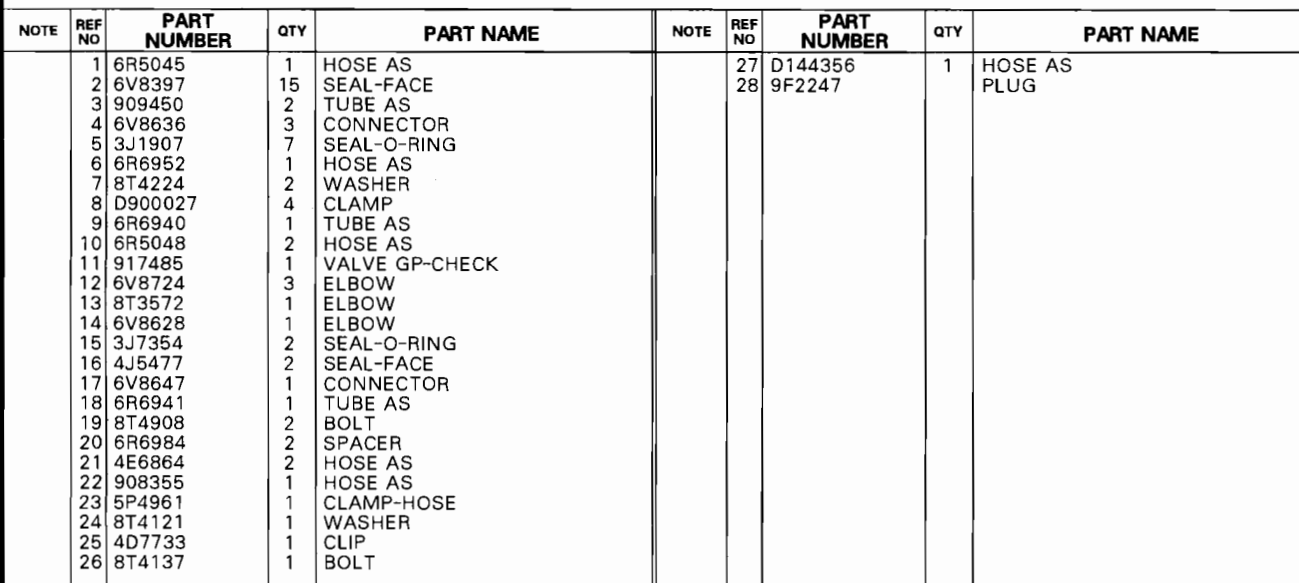
B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

D131300 STEERING WHEEL & GEAR GP
D516507 - Pump GP - metering - Page 111.1



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	-	6	SCREW-CAP	J	22	-	1	O-RING
	2	-	1	RETAINER SCREW ASS'Y		23	-	1	SCREW-ADOPT
	3	-	1	CAP-END		24	-	1	BALL
	4	-	1	GEROTOR		25	-	1	NAME PLATE
	5	-	1	SPACER		26	-	2	PIVET
	6	-	1	PLATE-SPACER					
	7	-	1	DRIVE					
	8	-	1	HOUSING					
	9	-	1	SLEEVE					
	10	-	1	SPOOL					
	11	-	1	PIN					
	12	-	4	SPRING-CENTERING			D516509	1	KIT-SEAL (INCLUDES PARTS MARKS J)
	13	-	2	SPRONG-FLAT					
	14	-	2	RACE-BEARING					
	15	-	1	BEATING-NEEDLE			D516508	1	KIT-NEEDLE BEARING (INCLUDES PARTS MARKED K)
K	16	-	1	O-RING					
K	17	-	1	SEAL					
J	18	-	1	SEAL-DUST					
J	19	-	1	RING-RETAINING					
	20	-	1	BUSHING-SEAL GLAND					
J	21	-	2	O-RING					

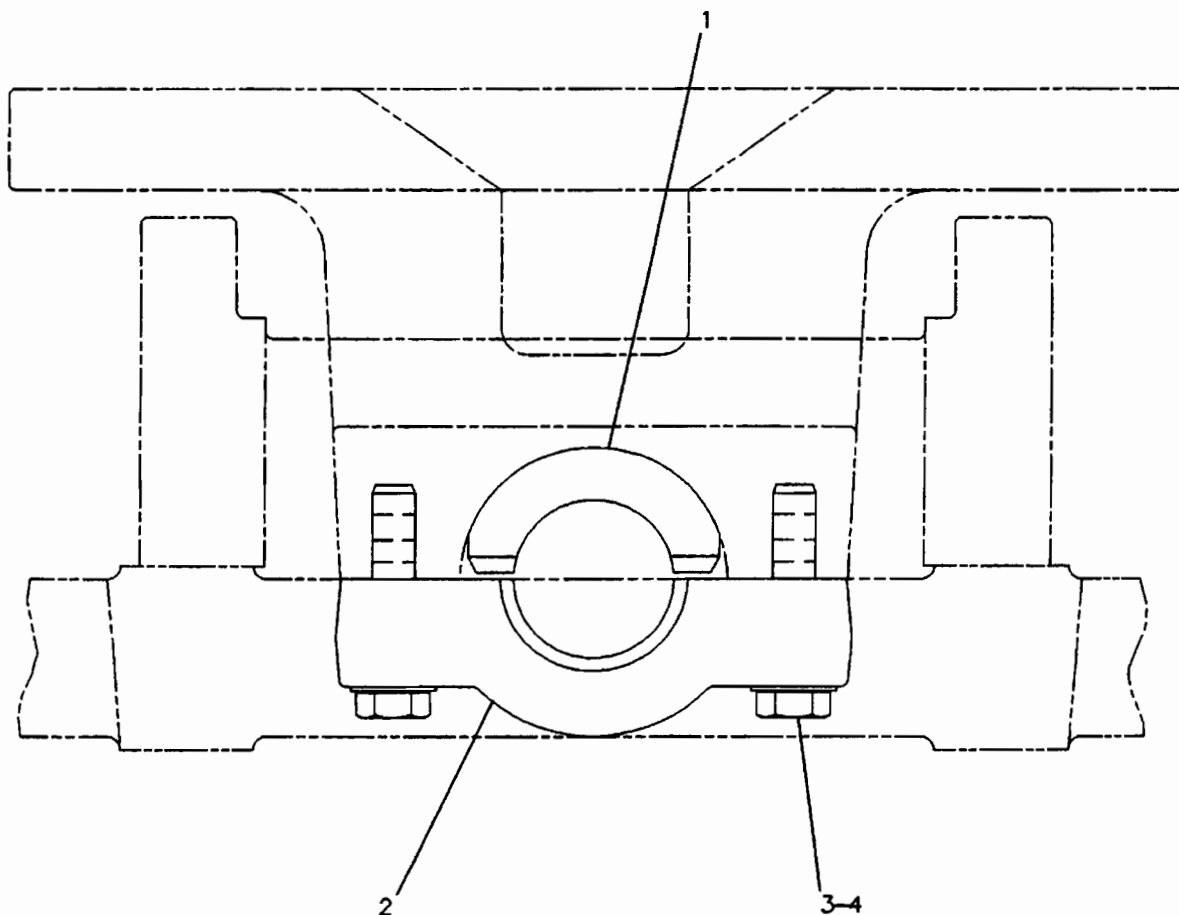
D516507 PUMP GP - METERING



- 112 - D139175

8.05

STEERING SYSTEM

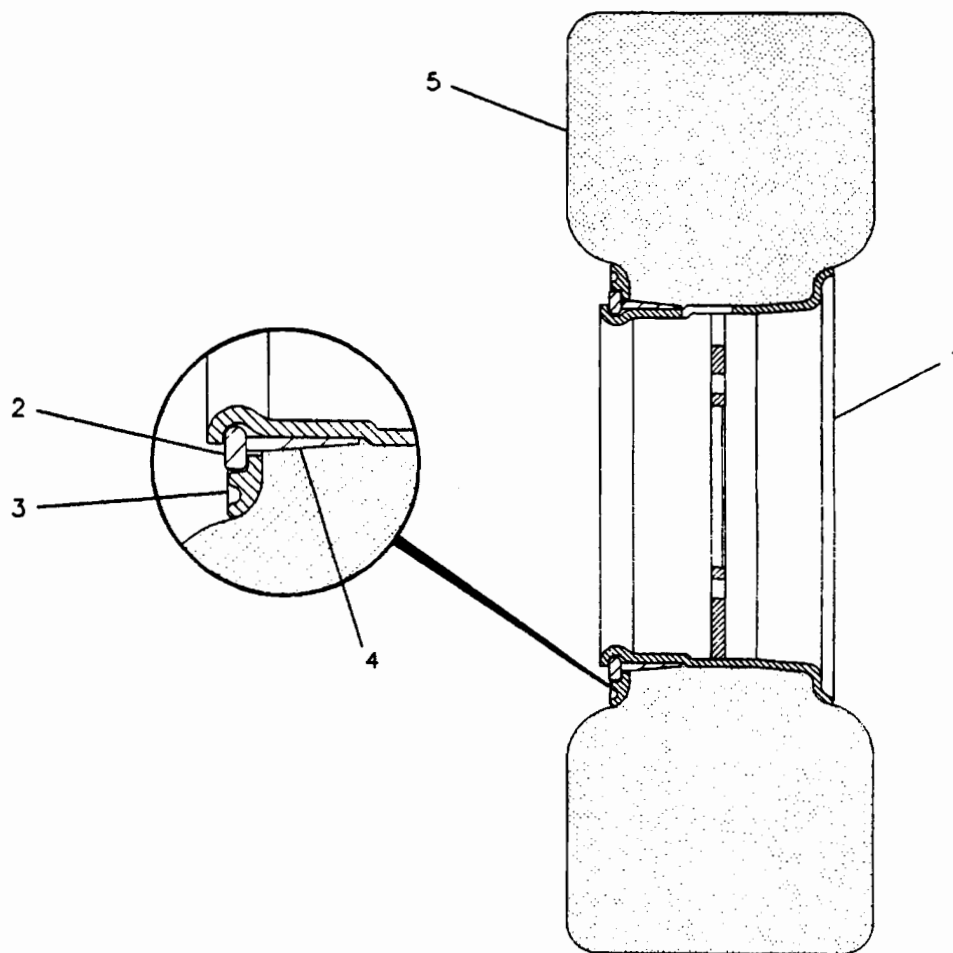


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	908752	4	BUSHING STEER AXLE					
	2	5I0234	2	CAP					
	3	8T6361	4	BOLT					
	4	8T4122	4	WASHER					

5I0229 MOUNTING GP - STEER AXLE

8.06

STEERING SYSTEM

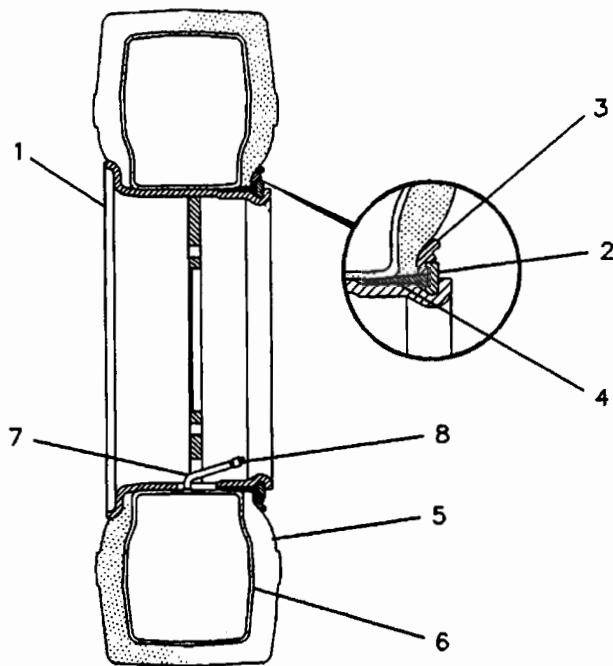


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	970813	1	WHEEL GP-STEER					
	2	387987	1	RING-WEDGE					
	3	387988	1	RING-SIDE					
	4	387989	1	RING-LOCKING					
	5	D141213	1	TIRE-STEER					

D141219 WHEEL & TIRE GP - STEER
An Attachment

8.07

STEERING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	970813	1	WHEEL GP-STEER
	2	387987	1	RING-WEDGE
	3	387988	1	RING-SIDE
	4	387989	1	RING-LOCKING
	5	346629	1	TIRE
	6	6R9914	1	TUBE AS
	7	2D2628	1	CORE-VALVE
	8	2D2633	1	CAP-VALVE

510019 WHEEL & TIRE GP - STEER

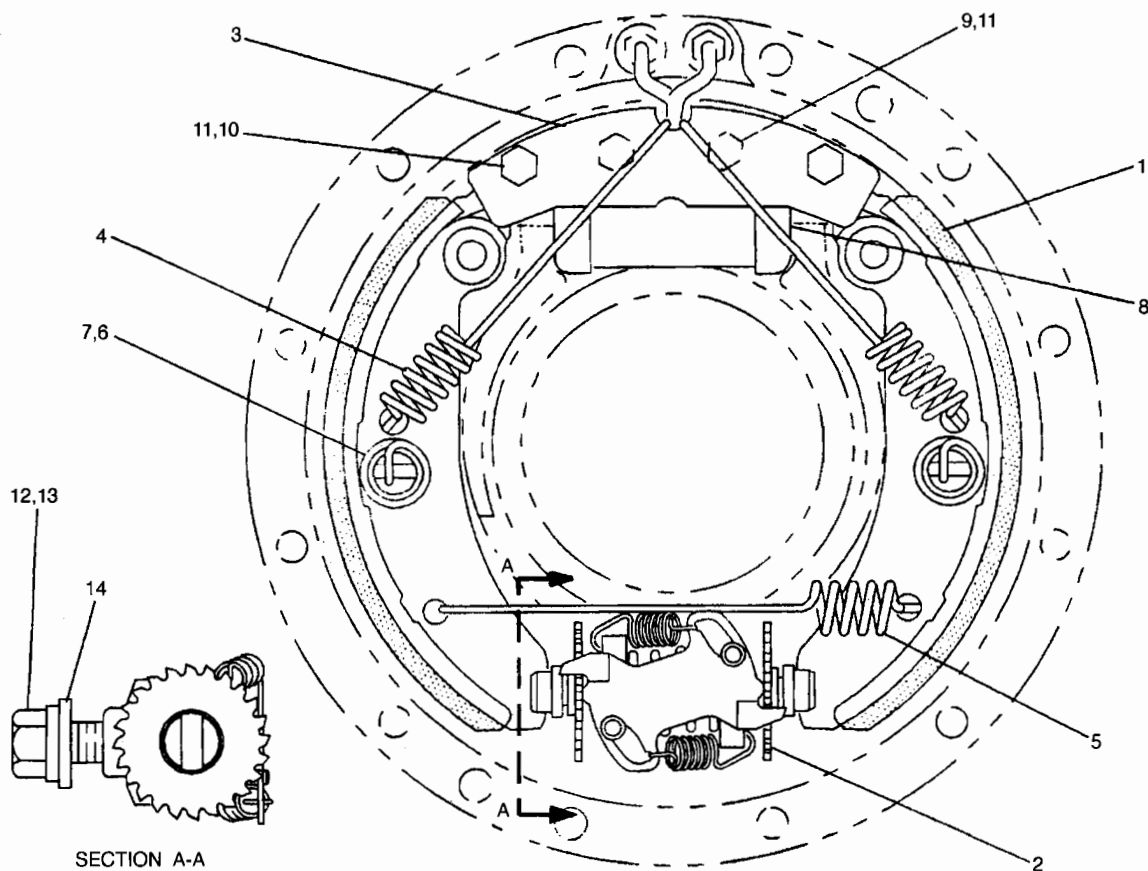
Pneumatic - Wide
An Attachment



908053 MOUNTING GP - STEER WHEEL - 2 REQUIRED

9.01

BRAKING SYSTEM



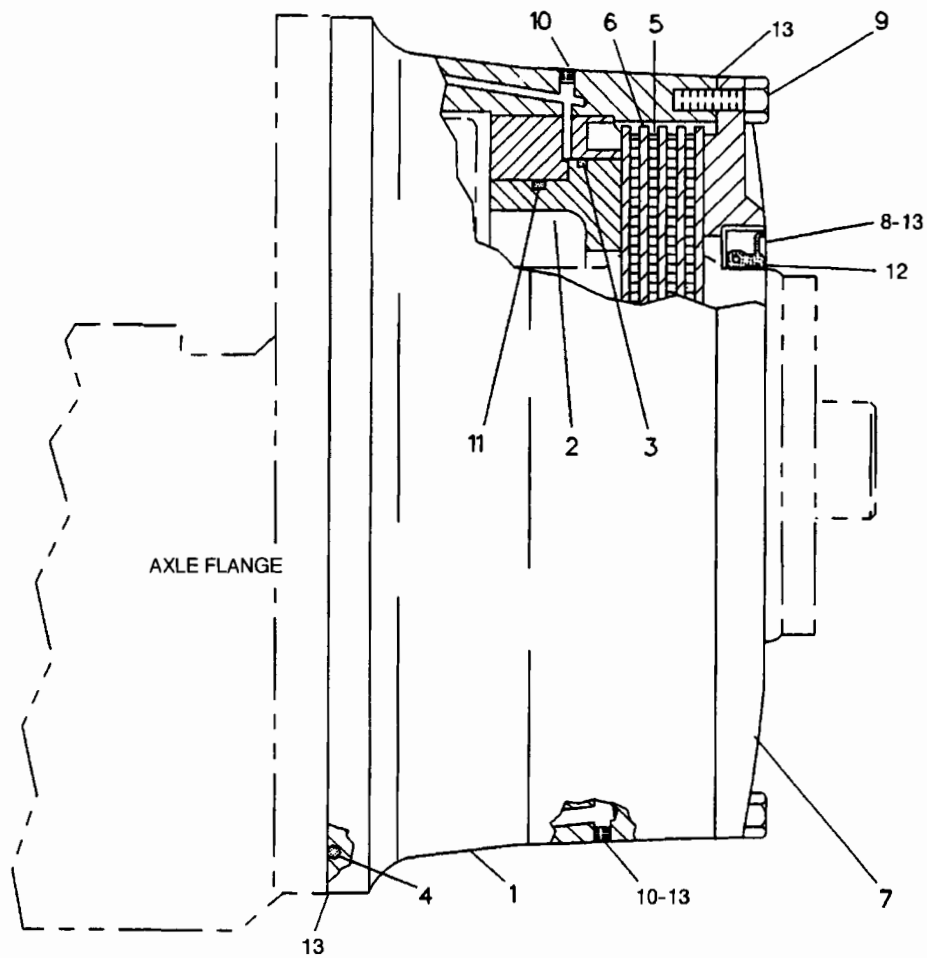
9

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R8020	2	SHOE AS-BRAKE					
	2	D141299	1	ADJUSTMENT AS					
	3	909224	1	PLATE-STRAP					
	4	909225	2	SPRING-SHOE RETURN					
	5	909226	1	SPRING-SHOE RETURN					
	6	909227	2	SPRING-HOLD DOWN					
	7	909228	2	PIN-SPRING					
	8	D141301	1	CYLINDER-WHEEL					
	9	909230	2	BOLT-CYLINDER					
	10	909231	2	BOLT-STRAP PLATE					
	11	909232	4	WASHER-LOCK					
	12	909233	1	BOLT ADJ AS					
	13	909234	1	WASHER					
	14	909235	1	WASHER-LOCK					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		D141300	1	KIT-CYLINDER WHEEL					
		6R8900	2	ADJUSTER SPRING KIT					

D141298 BRAKE AS
Part Of D140266 Brake - Service

9.02

BRAKING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	909636	2	COVER AS					
	2	909835	2	PISTON-BRAKE					
	3	909599	2	SEAL-O-RING					
	4	7J9108	2	SEAL-FACE					
	5	D141112	8	DISC-FRICTION					
	6	909258	10	PLATE-OUTER					
	7	909834	2	COVER-END					
	8	9X7687	2	SEAL-LIP TYPE					
	9	6V3940	24	BOLT					
	10	9F2247	6	PLUG					
	11	909574	2	SEAL					
	12	D141277	1	LUBRICANT					
	13	8C8422		SEALENT					

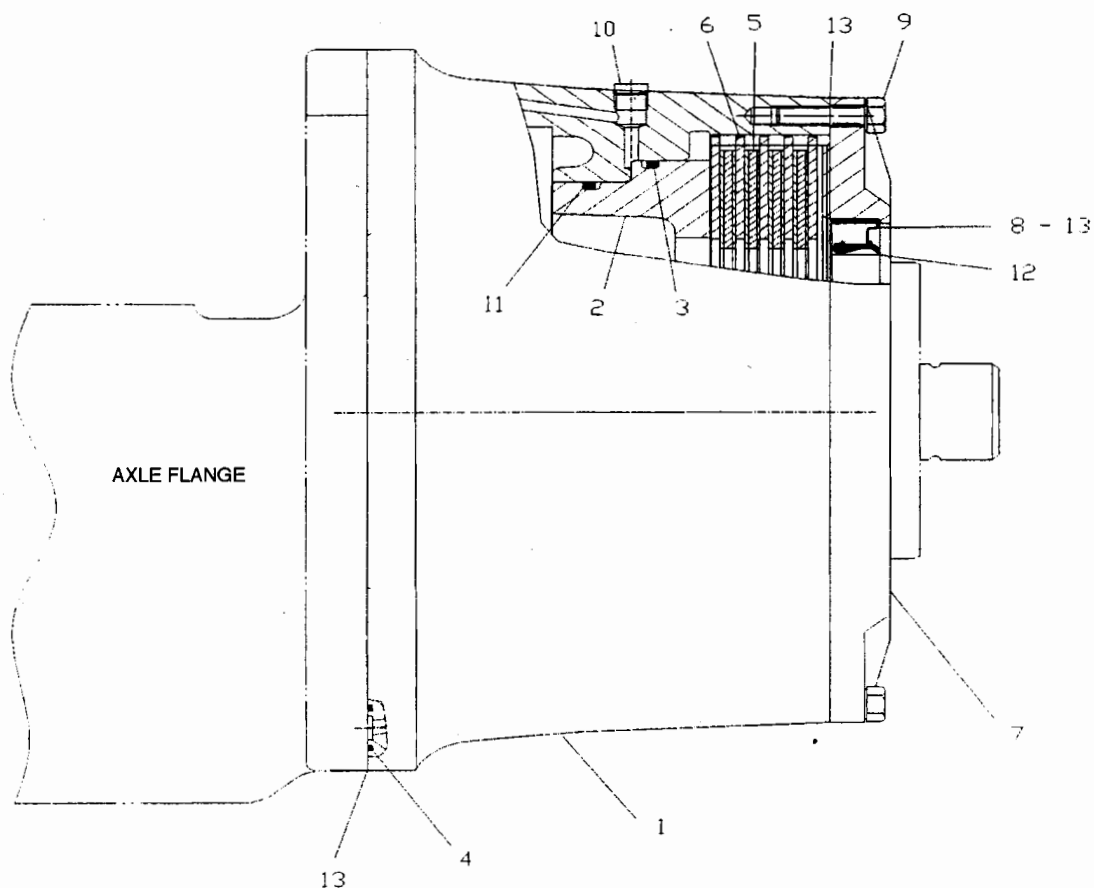
B-USE AS REQUIRED

09-0001~1158 11-0001~0751
10-0001~2282 12-0001~8809

D141125 BRAKE GP - SERVICE DISC

9.021

BRAKING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	D141342	2	COVER-BRAKE					
C	2	D141343	2	PISTON-BRAKE					
	3	909599	2	SEAL					
	4	7J9108	2	SEAL-O-RING					
	5	D141112	8	DISC-FRICTION					
	6	909258	10	PLATE-OUTER					
	7	909834	2	COVER-END					
	8	9X7687	2	SEAL-LIP TYPE					
	9	6V3940	24	BOLT					
	10	9F2247	4	PLUG					
	11	909574	2	SEAL					
B	12	D141277		LUBRICANT					
B	13	8C8422		SEALANT					

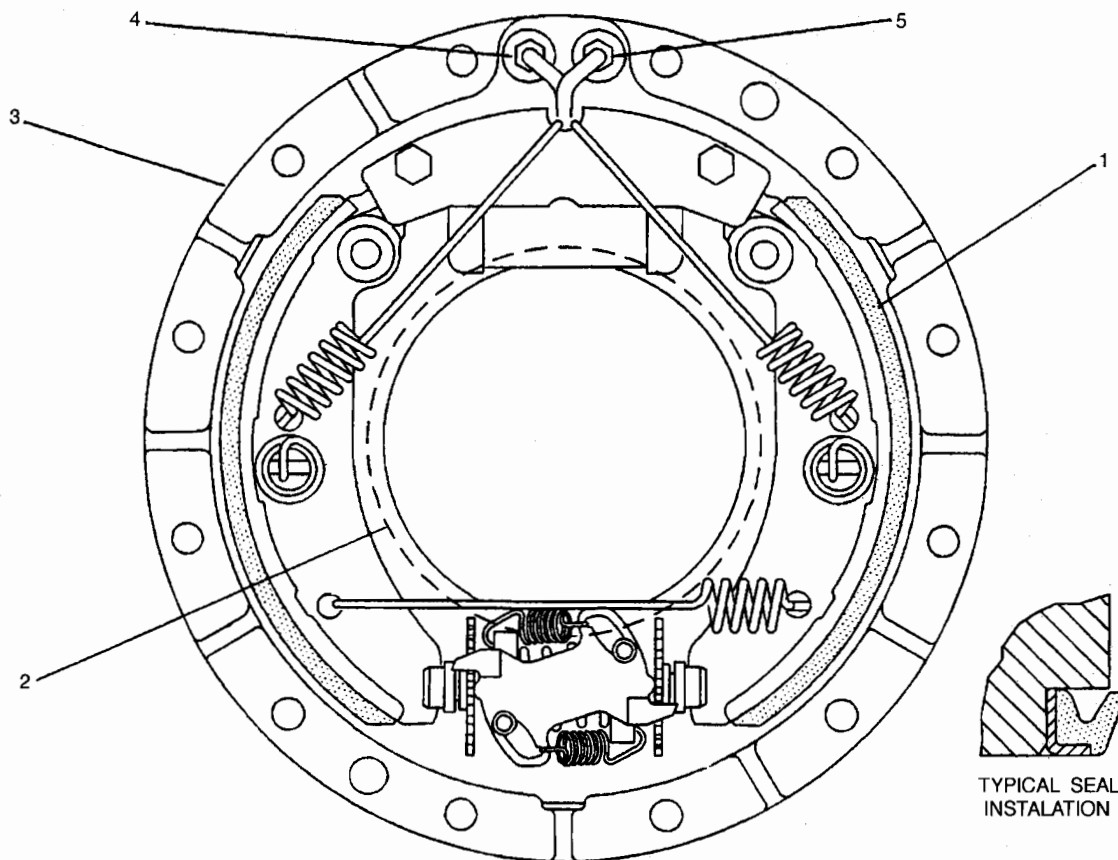
B-USE AS REQUIRED
C-CHANGED

09-1159~UP 11-0752~UP
10-2283~UP 12-8810~UP

D141125-01 BRAKE GP - SERVICE DISC

9.03

BRAKING SYSTEM



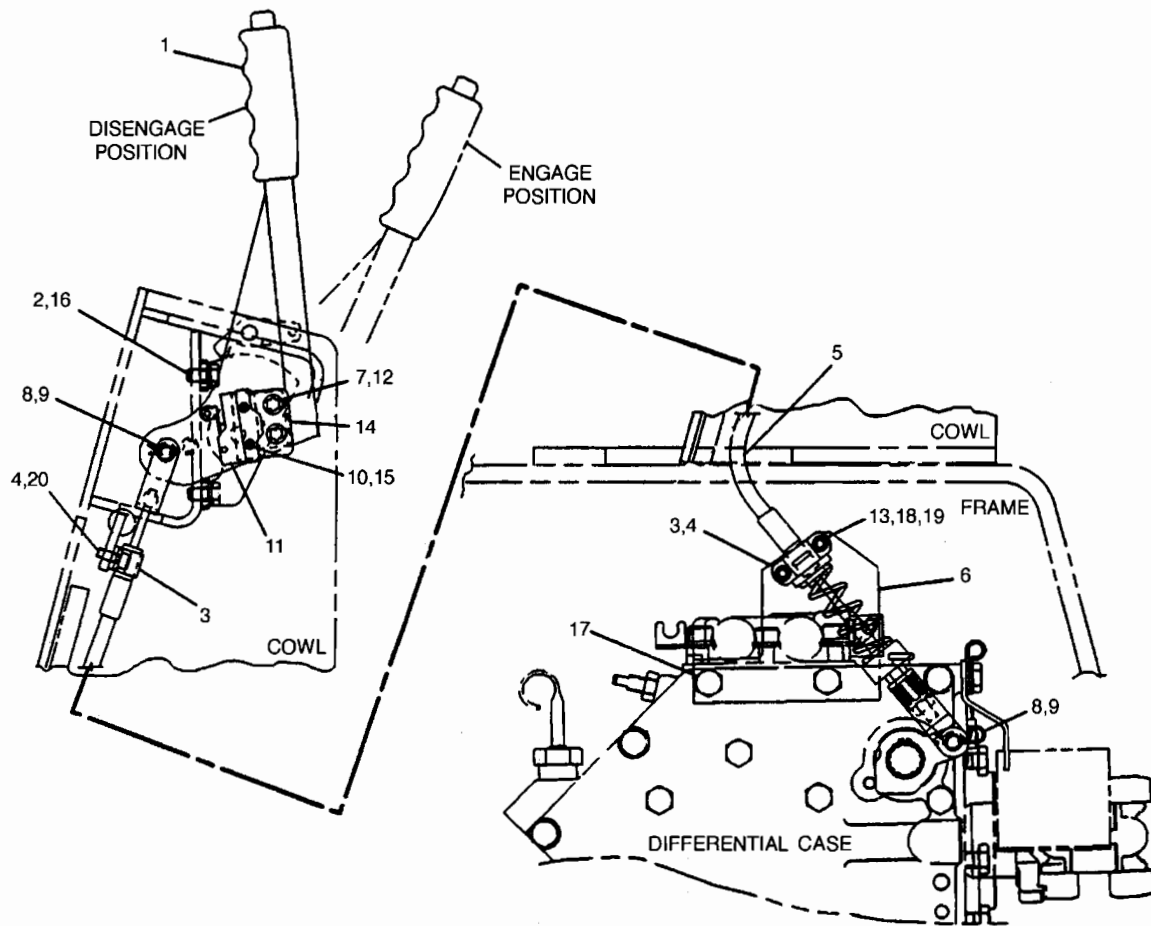
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D141298	2	BRAKE AS-PART OF D140266					
	2	6V7972	2	BRAKE-SERVICE					
	3	909485	2	SEAL-LIP TYPE					
	4	D140264	2	COVER-BRAKE BACKING					
	5	D140265	2	TUBE AS					
				TUBE AS					

Y-SEPARATE ILLUSTRATION

D140266 BRAKE GP - SERVICE - SHOE
D141298 Page 117

9.04

BRAKING SYSTEM



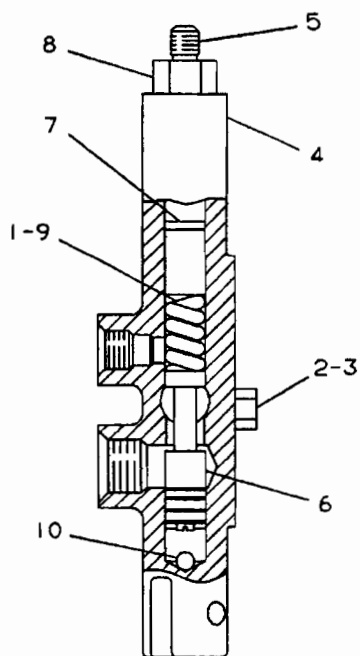
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	834538	1	LEVER AS					
	2	8T4200	2	BOLT					
	3	908424	2	CLAMP					
	4	D130946	2	SPACER					
	5	D131020	1	CABLE AS					
	6	D130689	1	BRACKET					
	7	7X0620	1	WASHER					
	8	6V9197	2	PIN					
	9	1A2457	2	PIN					
	10	6V9505	2	SCREW-MACHINE(CROSS PN H)					
	11	908450	1	SWITCH AS					
	12	3C3219	2	SCREW					
	13	7X2533	2	BOLT					
	14	908763	1	PLATE					
	15	5P8392	2	WASHER					
	16	8T4224	2	WASHER					
	17	8T4196	2	BOLT					
	18	5C2890	2	LOCKNUT					
	19	9X8256	2	WASHER					
	20	3T0849	2	BOLT					

C-CHANGED

D130690 CONTROL GP - PARKING BRAKE

9.05

BRAKING SYSTEM

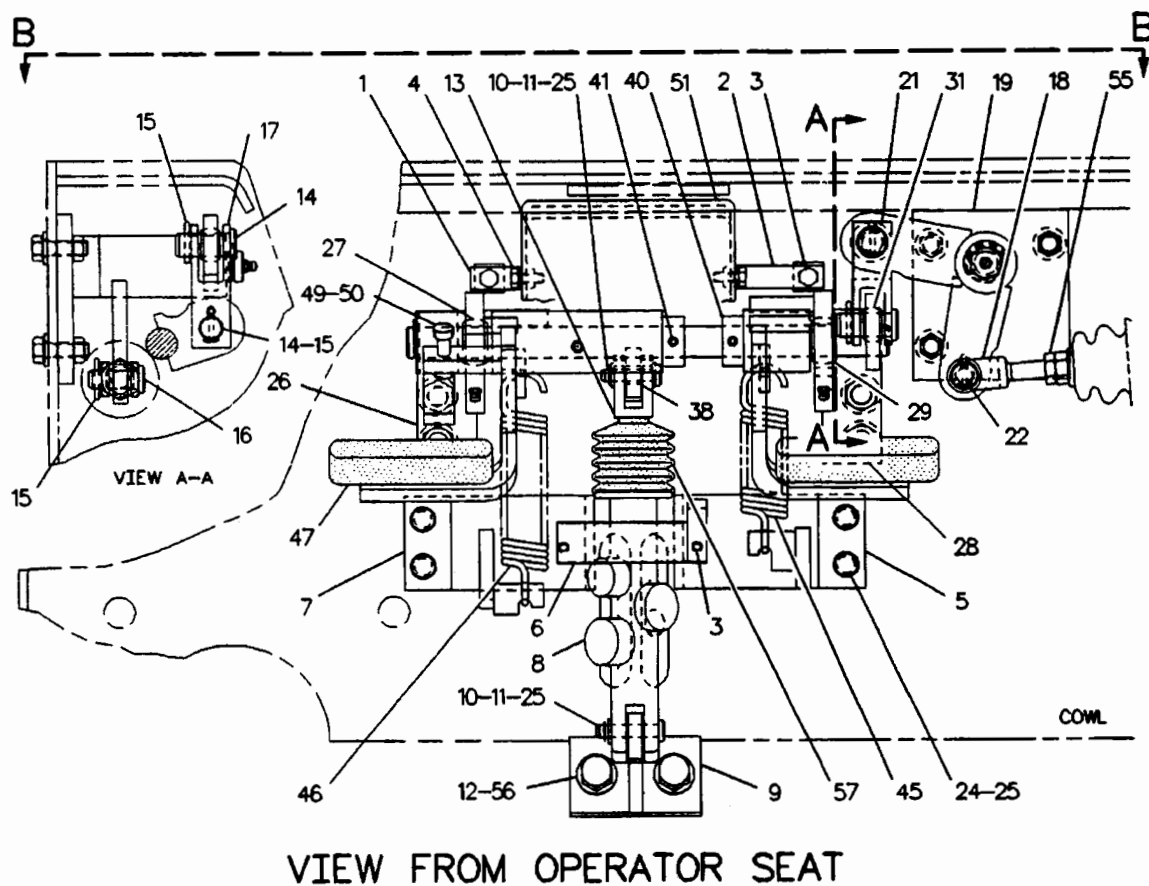


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4F6471	1	SPRING (LARGE)
	2	4J7533	1	SEAL-O-RING
	3	9W1814	1	PLUG-STRAIGHT THREAD
	4	7T1909	1	BODY-INCHING
	5	7T1908	1	PLUNGER
	6	909898	1	SPOOL
	7	8L2779	1	SEAL-O-RING
	8	8T1007	1	PLUG
	9	7T6727	1	SPRING (SMALL)
	10	2D6642	1	BALL

909894 VALVE GP

Part Of D130826 - Fig.9.06

MEMORANDA



- 122 - D139175

9.06

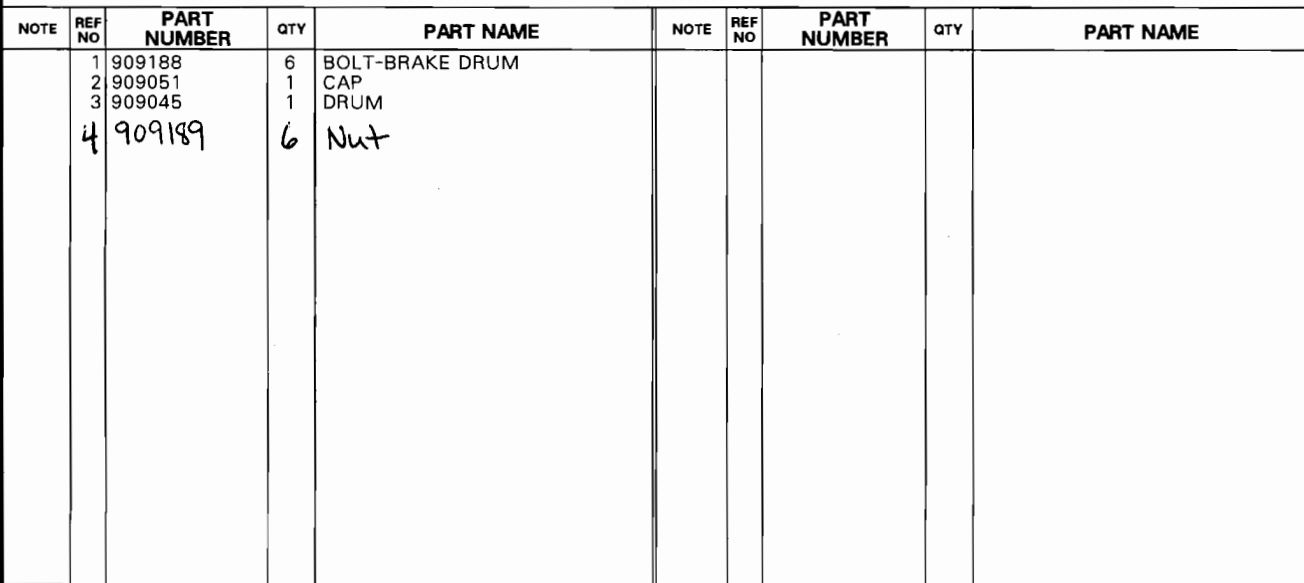
BRAKING SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D131065	1	BRACKET-LH					
	2	908397	1	BRACKET-RH					
	3	6V8006	4	BOLT-HEX FLANGE					
	4	6V8931	2	SCREW-WASHER HEAD					
	5	908596	1	BRACKET AS-RH					
	6	8P9770	1	PLATE					
	7	908613	1	BRACKET AS-LH					
	8	909894	1	PRESSURE CONTROL VALVE AS					
	9	D130835	1	BRACKET AS					
	10	6R6320	2	PIN					
	11	6V2456	2	RING-RETAINING					
	12	8T4192	2	BOLT					
	13	979353	1	CLEVIS					
	14	908661	2	PIN					
	15	5P8026	3	PIN-COTTER					
	16	837435	1	PIN					
	17	908379	1	LINK					
	18	D130825	1	YOKE					
	19	863494	1	PLATE AS-CYL MTG					
	20	D131201	1	BELLCRANK AS					
	21	D131092	1	BEARING					
	22	908387	1	BEARING					
	23	908436	2	BEARING					
	24	8T4200	4	BOLT					
	25	8T4224	7	WASHER					
	26	D131199	1	BRACKET AS-LH					
	27	D131193	1	BEARING					
	28	D131200	1	BRACKET AS-RH					
	29	D131193	1	BEARING					
	30	D131203	1	SHAFT AS-CROSS					
	31	D131092	1	BEARING					
	32	908432	1	LINK AS					
	33	6V1506	4	FITTING					
	34	6V9824	2	RING-RETAINING					
	35	908395	2	WASHER					
	36	908435	1	PEDAL AS-INCHING					
	37	908436	2	BEARING					
	38	908624	1	BEARING (SMALL)					
	39	908367	1	PEDAL AS-BRAKE					
	40	908396	2	COLLAR-SET					
	41	6V9327	2	SCREW-SET HX SCKT(FT PT)					
	42	8T4956	4	BOLT					
	43	6V7687	4	NUT-LOCK					
	44	5P1076	4	WASHER					
	45	918560	1	SPRING					
	46	908612	1	SPRING					
	47	6R6971	2	PAD					
	48	908741	2	KEY-WOODRUFF					
	49	8T5355	1	BOLT					
	50	5C7261	1	NUT					
	51	908408	1	COVER					
	52	8T4195	3	BOLT					
	53	8T4121	3	WASHER					
	54	8T4133	3	LOCKNUT					
	55	5B3254	1	NUT					
	56	5P1076	2	WASHER					
	57	979352	1	BOOT					

Y-SEPARATE ILLUSTRATION

D130826 CREEPER AND CONTROL GP

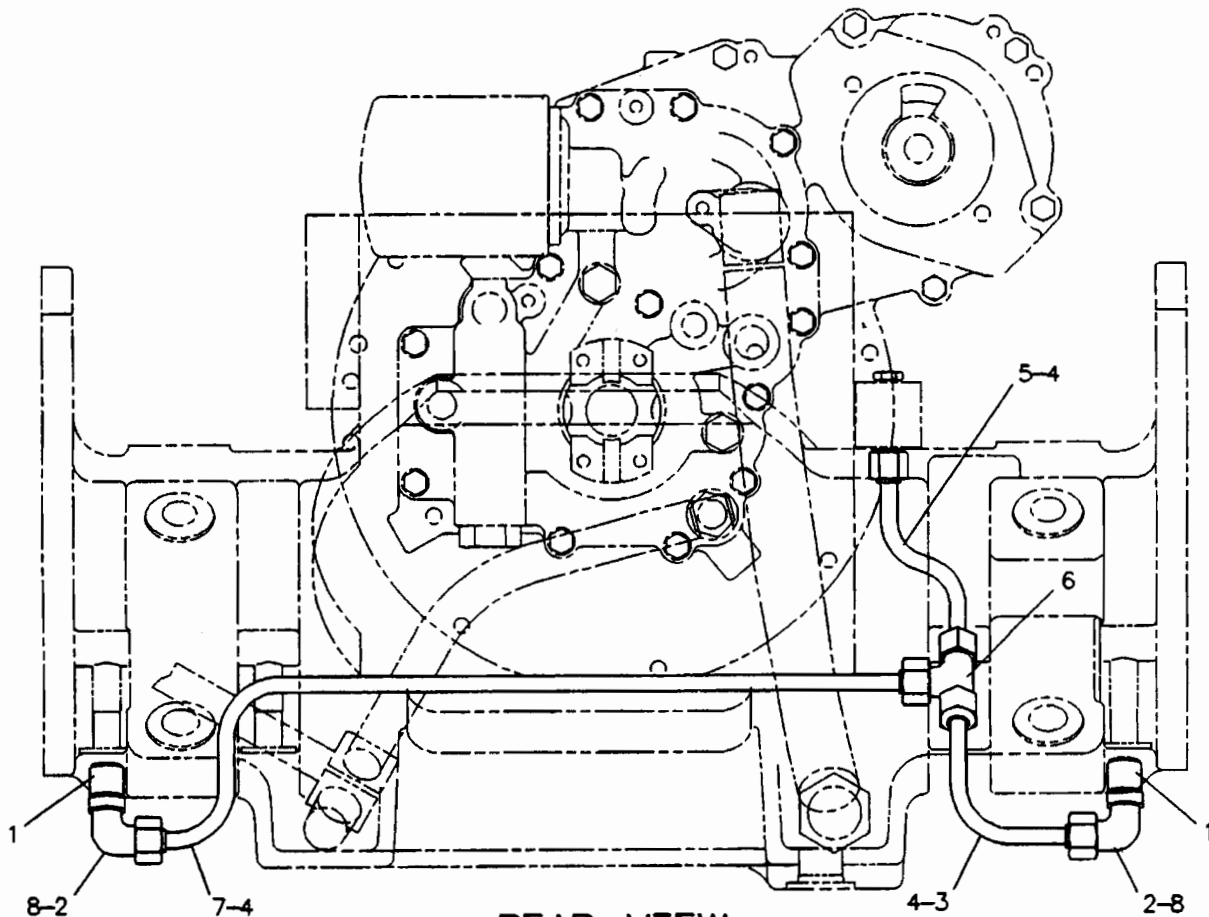
909894 - Page 121



- 124 - D139175

9.08

BRAKING SYSTEM



REAR VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	909624	2	BUSHING-O-RING PORT					
	2	6V8724	2	ELBOW					
	3	837279	1	TUBE AS					
	4	336039	5	SEAL-O-RING					
	5	837280	1	TUBE AS					
	6	6V8788	1	TEE-UNION					
	7	837278	1	TUBE AS					
	8	3J1907	2	SEAL-O-RING					

837248 LINES GP - BRAKE COOLANT (DISC)

9.09

BRAKING SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R6862	1	CYLINDER-MASTER DISC					
	2	8T4121	4	WASHER					
	3	093906	2	FITTING					
	4	315976	2	SCREW-BREEDER					
	5	917123	2	NUT-JAM					
	6	4S3652	1	TEE-UNION					
	7	D131079	1	TUBE AS					
	8	D131080	1	TUBE AS					
	9	8T2927	1	TEE AS					
	10	8T4137	1	BOLT (M10X1.50X20MM)					
	11	6K0806	4	STRAP					
	12	5D1026	4	CLAMP-HOSE					
	13	8Q2303	1	HOSE AS					
	14	6V8397	4	SEAL-FACE					
	15	6V8636	1	CONNECTOR					
	16	3J1907	5	SEAL-O-RING					
	17	8T4195	3	BOLT					
	18	7X1448	1	ELBOW-45 O-RING					
	19	8Q2234	1	TUBE AS					
	20	6R6983	1	ELBOW-90 DEGREE O-RING					
	21	8T2173	1	CONNECTOR					
E	22	5P0739	181	HOSE-CM					
	23	1P4278	1	CLAMP					
	24	D130875	1	TUBE AS					
	25	6V8724	2	ELBOW					
	26	3B5011	1	CLIP					
	27	8T4171	1	BOLT					
	28	8T4205	1	WASHER-HARD (2MM THK)					
	29	8Q2315	1	TUBE AS					
E	30	5P1425	120	HOSE-CM					
	31	308372	1	INSERT(SWIVEL)					
	32	D131078	1	TUBE AS					
	33	D131075	1	TUBE AS					
	34	3E6810	2	ELBOW					
	35	1S0994	1	CLIP					
		6R6991	1	KIT-DISC MASTER CYLINDER					

E-ORDER BY THE CENTIMETER

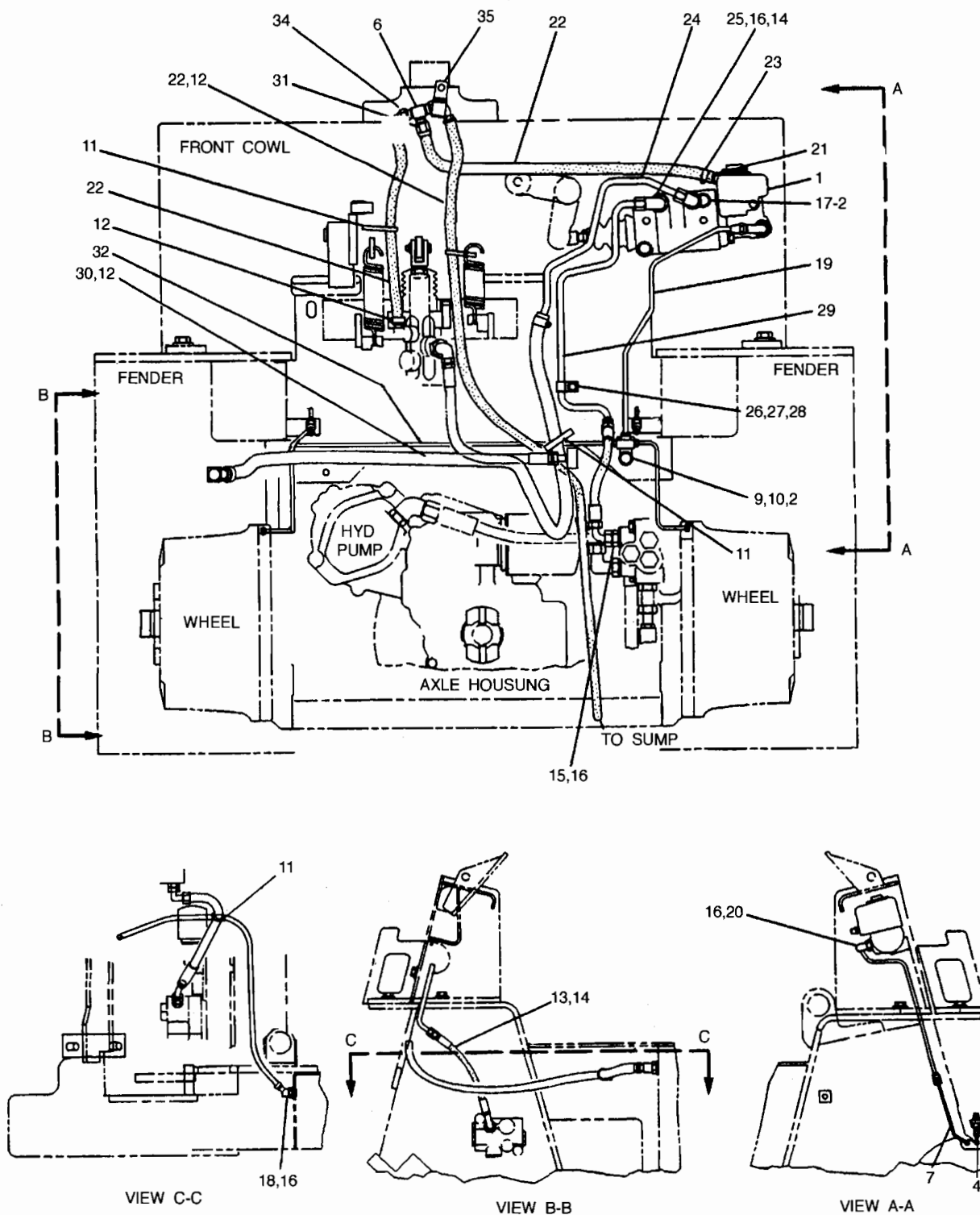
09-0001~0951 11-0001~0595
10-0001~1843 12-0001~6891

D130534 LINES GP - BRAKE (DISC)

Refer To Fig.9.091

9.091

BRAKING SYSTEM



D130534-01 LINES GP - BRAKE (DISC)
Refer To Fig.9.09

9.091

BRAKING SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R6862	1	CYLINDER-MASTER DISC					
	2	8T4121	4	WASHER					
	4	315976	2	SCREW-BREEDER					
	6	4S3652	1	TEE-UNION					
	7	D131079	1	TUBE AS					
	9	8T2927	1	TEE AS					
	10	8T4137	1	BOLT					
	11	6K0806	4	STRAP					
	12	5D1026	4	CLAMP-HOSE					
	13	8Q2303	1	HOSE AS					
	14	6V8397	4	SEAL-FACE					
	15	6V8636	1	CONNECTOR					
	16	3J1907	5	SEAL-O-RING					
	17	8T4195	3	BOLT					
	18	7X1448	1	ELBOW-45 O-RING					
	19	8Q2234	1	TUBE AS					
	20	6R6983	1	ELBOW-90 DEGREE O-RING					
	21	8T2173	1	CONNECTOR					
E	22	5P0739	181	HOSE-CM					
	23	1P4278	1	CLAMP					
	24	D130875	1	TUBE AS					
	25	6V8724	2	ELBOW					
	26	3B5011	1	CLIP					
	27	8T4171	1	BOLT					
	28	8T4205	1	WASHER-HARD					
	29	8Q2315	1	TUBE AS					
E	30	5P1425	120	HOSE-CM					
	31	308372	1	INSERT(SWIVEL)					
	32	D131078	1	TUBE AS					
	34	3E6810	2	ELBOW					
	35	1S0994	1	CLIP					
		6R6991	1	KIT-DISC MASTER CYLINDER					

E-ORDER BY THE CENTIMETER

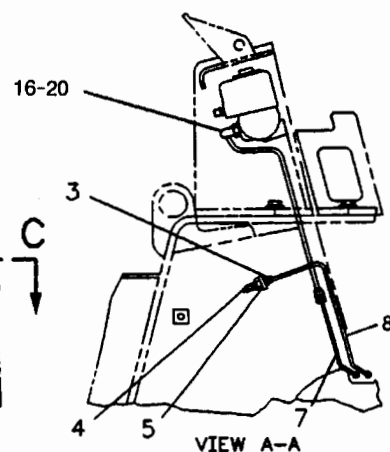
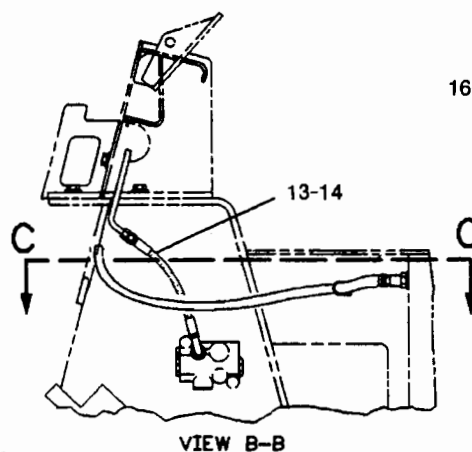
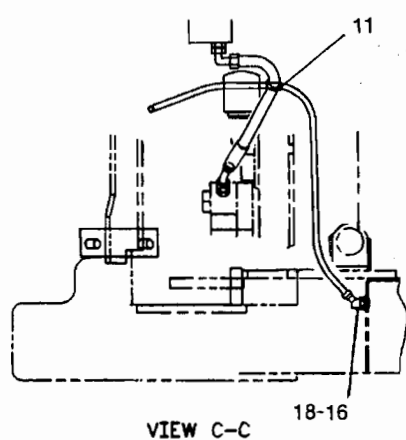
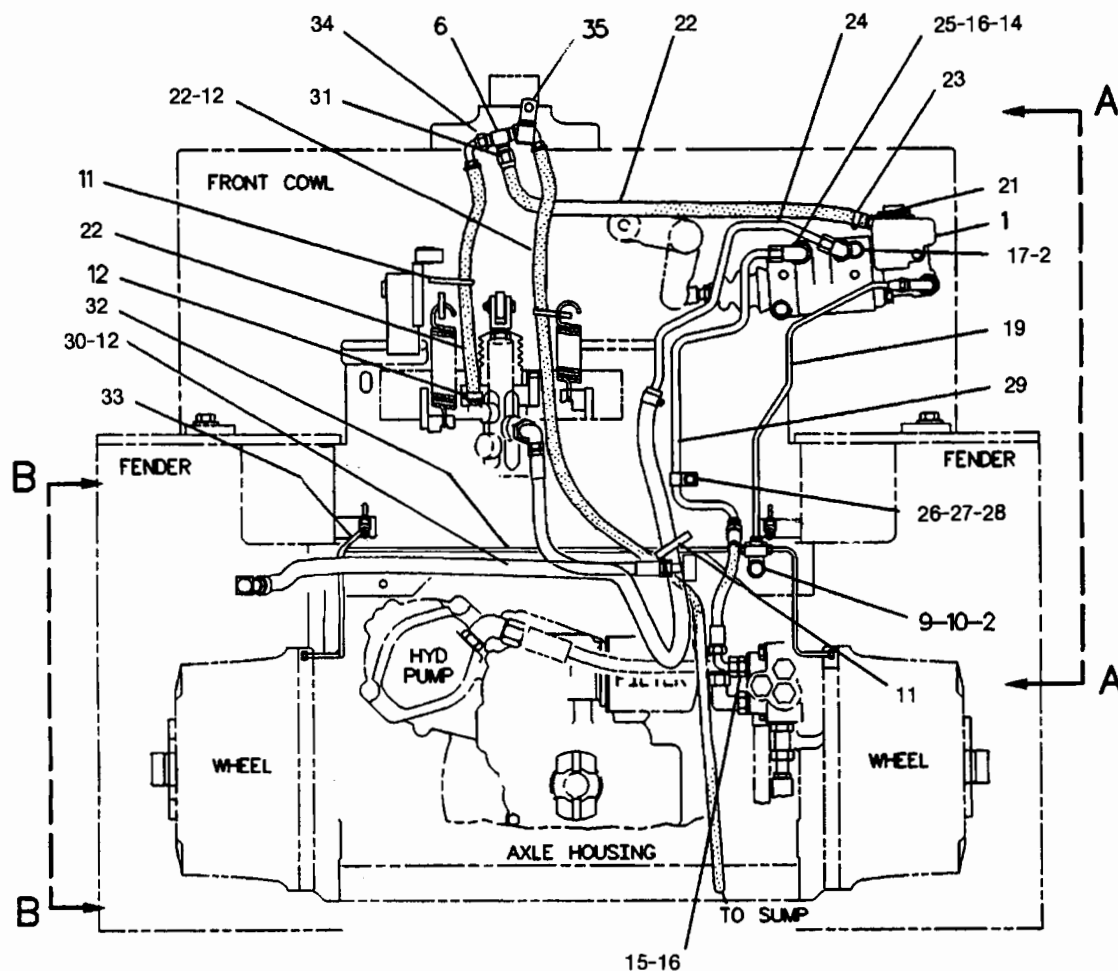
09-0952~UP 11-0596~UP
10-1844~UP 12-6892~UP

D130534-01 LINES GP - BRAKE (DISC)

Refer To Fig.9.09

9.10

BRAKING SYSTEM



D130535 LINES GP - SERVICE BRAKE (SHOE)
Refer To Fig.9.101

9.10

BRAKING SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R6947	1	CYLINDER-MASTER SHOE					
	2	8T4121	4	WASHER					
	3	093906	2	FITTING					
	4	315976	2	SCREW-BREEDER					
	5	917123	2	NUT-JAM					
	6	4S3652	1	TEE-UNION					
	7	D131079	1	TUBE AS					
	8	D131080	1	TUBE AS					
	9	8T2927	1	TEE AS					
	10	8T4137	1	BOLT (M10X1.50X20MM)					
	11	6K0806	4	STRAP					
	12	5D1026	4	CLAMP-HOSE					
	13	8Q2303	1	HOSE AS					
	14	6V8397	4	SEAL-FACE					
	15	6V8636	1	CONNECTOR					
	16	3J1907	5	SEAL-O-RING					
	17	8T4195	3	BOLT					
	18	7X1448	1	ELBOW-45 O-RING					
	19	8Q2234	1	TUBE AS					
	20	6R6983	1	ELBOW-90 DEGREE O-RING					
	21	8T2173	1	CONNECTOR					
E	22	5P0739	181	HOSE-CM					
	23	1P4278	1	CLAMP					
	24	D130875	1	TUBE AS					
	25	6V8724	2	ELBOW					
	26	3B5011	1	CLIP					
	27	8T4171	1	BOLT					
	28	8T4205	1	WASHER-HARD (2MM THK)					
	29	8Q2315	1	TUBE AS					
E	30	5P1425	120	HOSE-CM					
	31	308372	1	INSERT(SWIVEL)					
	32	D131078	1	TUBE AS					
	33	D131075	1	TUBE AS					
	34	3E6810	2	ELBOW					
	35	1S0994	1	CLIP					
		6R6992	1	KIT-SHOE MASTER CYLINDER					

E-ORDER BY THE CENTIMETER

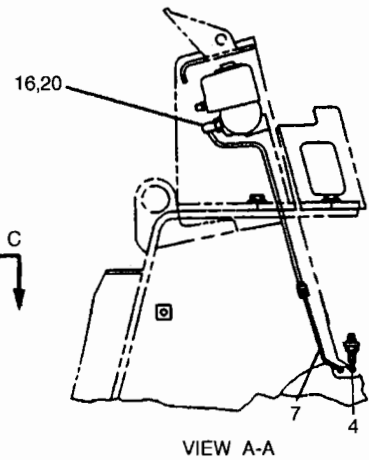
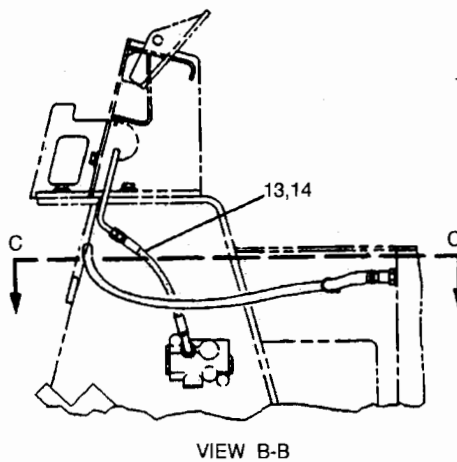
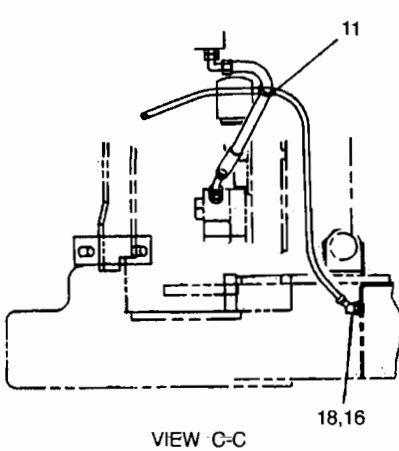
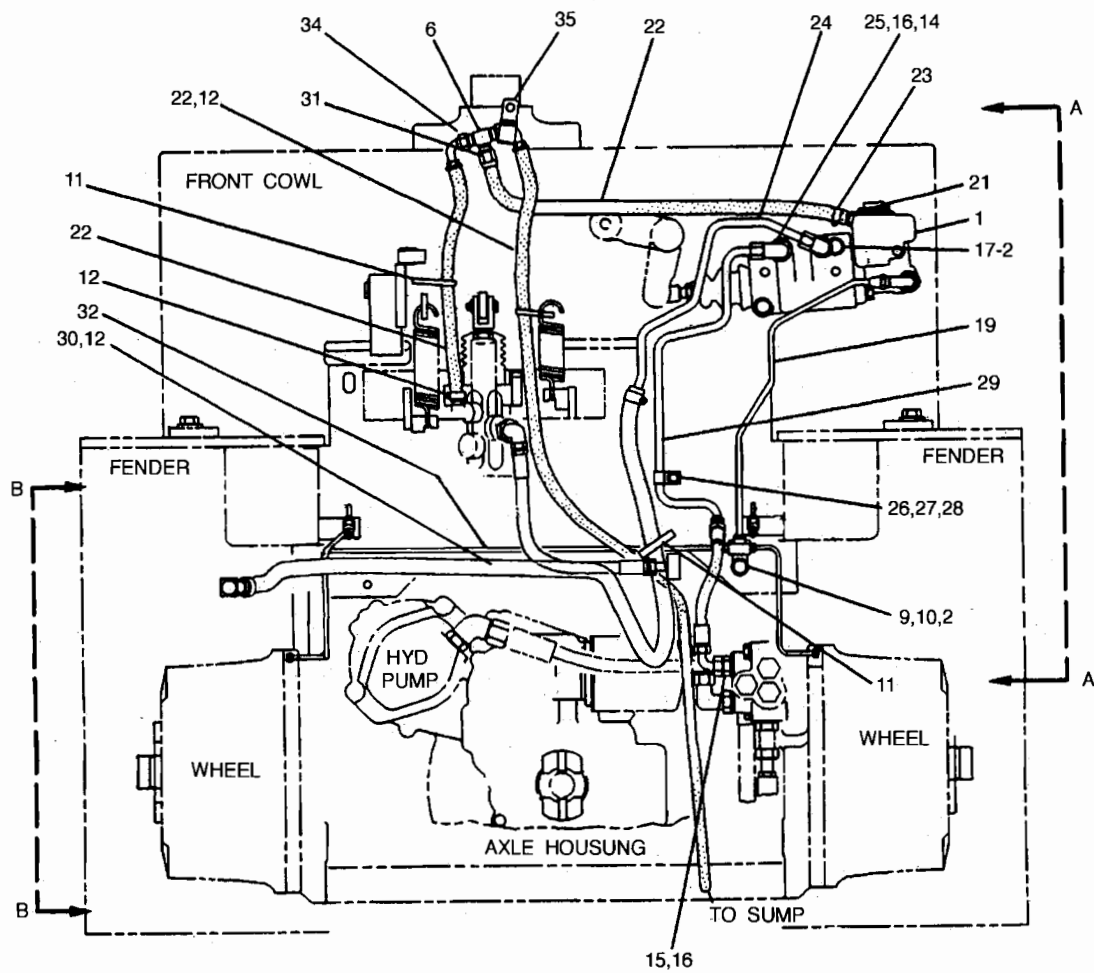
09-0001~0951 11-0001~0595
10-0001~1843 12-0001~6891

D130535 LINES GP - SERVICE BRAKE (SHOE)

Refer To Fig.9.101

9.101

BRAKING SYSTEM



D130535-01 LINES GP - SERVICE BRAKE (SHOE)
Refer To Fig.9.10

9.101

BRAKING SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R6947	1	CYLINDER-MASTER SHOE					
	2	8T4121	4	WASHER					
	4	315976	2	SCREW-BREEDER					
	6	4S3652	1	TEE-UNION					
	7	D131079	1	TUBE AS					
	9	8T2927	1	TEE AS					
	10	8T4137	1	BOLT					
	11	6K0806	4	STRAP					
	12	5D1026	4	CLAMP-HOSE					
	13	8Q2303	1	HOSE AS					
	14	6V8397	4	SEAL-FACE					
	15	6V8636	1	CONNECTOR					
	16	3J1907	5	SEAL-O-RING					
	17	8T4195	3	BOLT					
	18	7X1448	1	ELBOW-45 O-RING					
	19	8Q2234	1	TUBE AS					
	20	6R6983	1	ELBOW					
	21	8T2173	1	CONNECTOR					
E	22	5P0739	181	HOSE-CM					
	23	1P4278	1	CLAMP					
	24	D130875	1	TUBE AS					
	25	6V8724	2	ELBOW					
	26	3B5011	1	CLIP					
	27	8T4171	1	BOLT					
	28	8T4205	1	WASHER					
	29	8Q2315	1	TUBE AS					
E	30	5P1425	120	HOSE-CM					
	31	308372	1	INSERT(SWIVEL)					
	32	D131078	1	TUBE AS					
	34	3E6810	2	ELBOW					
	35	1S0994	1	CLIP					
		6R6992	1	KIT-SHOE MASTER CYLINDER					

E-ORDER BY THE CENTIMETER

09-0952~UP 11-0596~UP
10-1844~UP 12-6892~UP

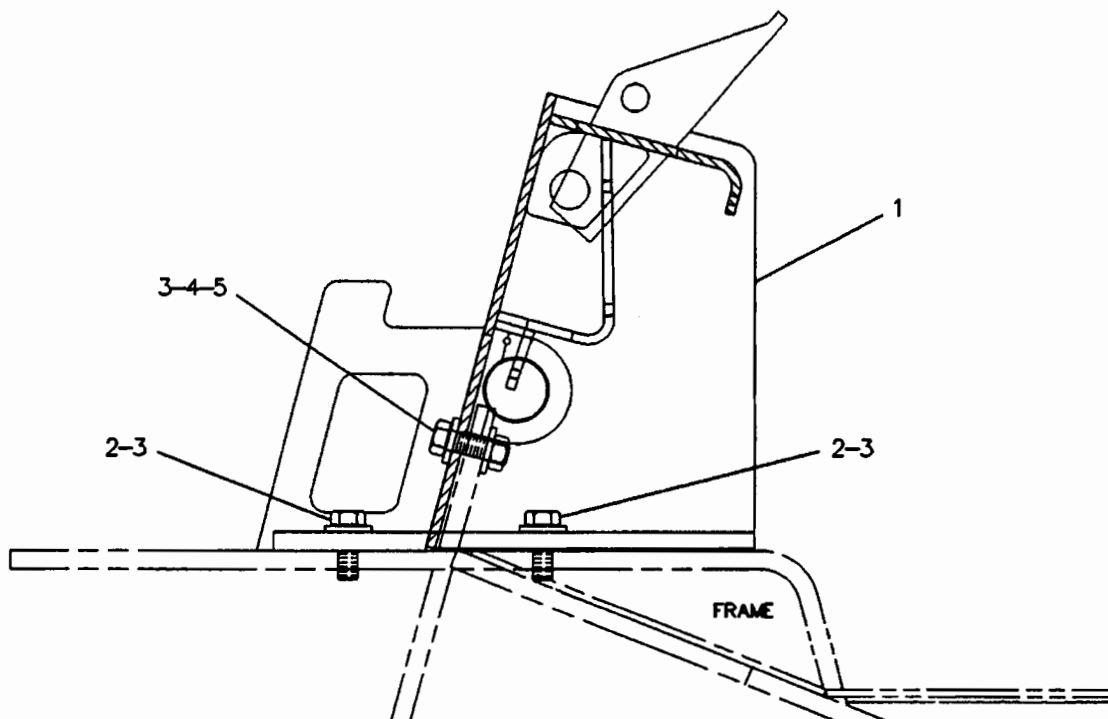
D130535-01 LINES GP - SERVICE BRAKE (SHOE)

Refer To Fig.9.10

MEMORANDA

10.01

FRAME AND BODY



LEFT SIDE VIEW

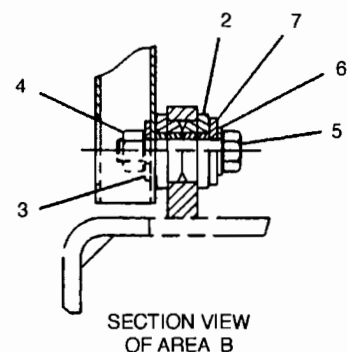
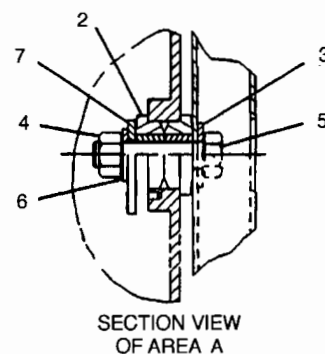
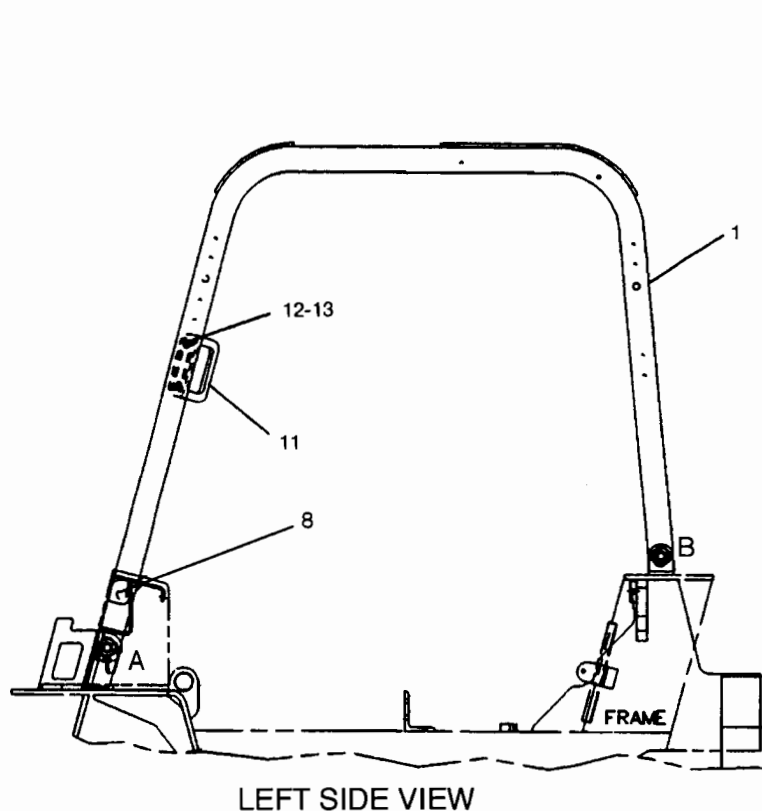
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D130054	1	COWL AS					
	2	8T4956	4	BOLT					
	3	5P1076	12	WASHER					
	4	8T4183	4	BOLT					
	5	8T4244	4	LOCKNUT					

10

D130053 COWLING GP

10.02

FRAME AND BODY

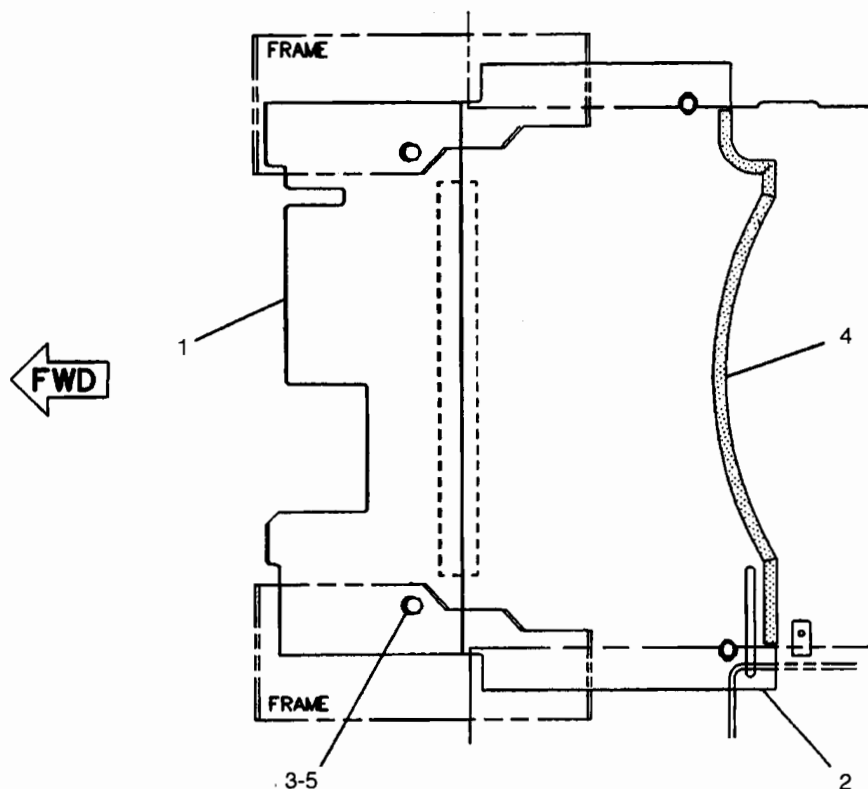


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D130806	1	HEAD GUARD-D/G(S)					
	2	6Y0007	8	MOUNT AS					
	3	908865	4	WASHER					
	4	8T4132	4	NUT					
	5	7X2554	4	BOLT					
	6	8T4122	4	WASHER					
	7	D917184	4	WASHER					
	8	S994012H	2	GROMMET					
	11	D131000	2	GRAP BAR					
	12	8T4224	4	WASHER					
	13	9X2616	4	SCREW-SOCKET					

D130516 GUARD GP - OVERHEAD

10.03

FRAME AND BODY



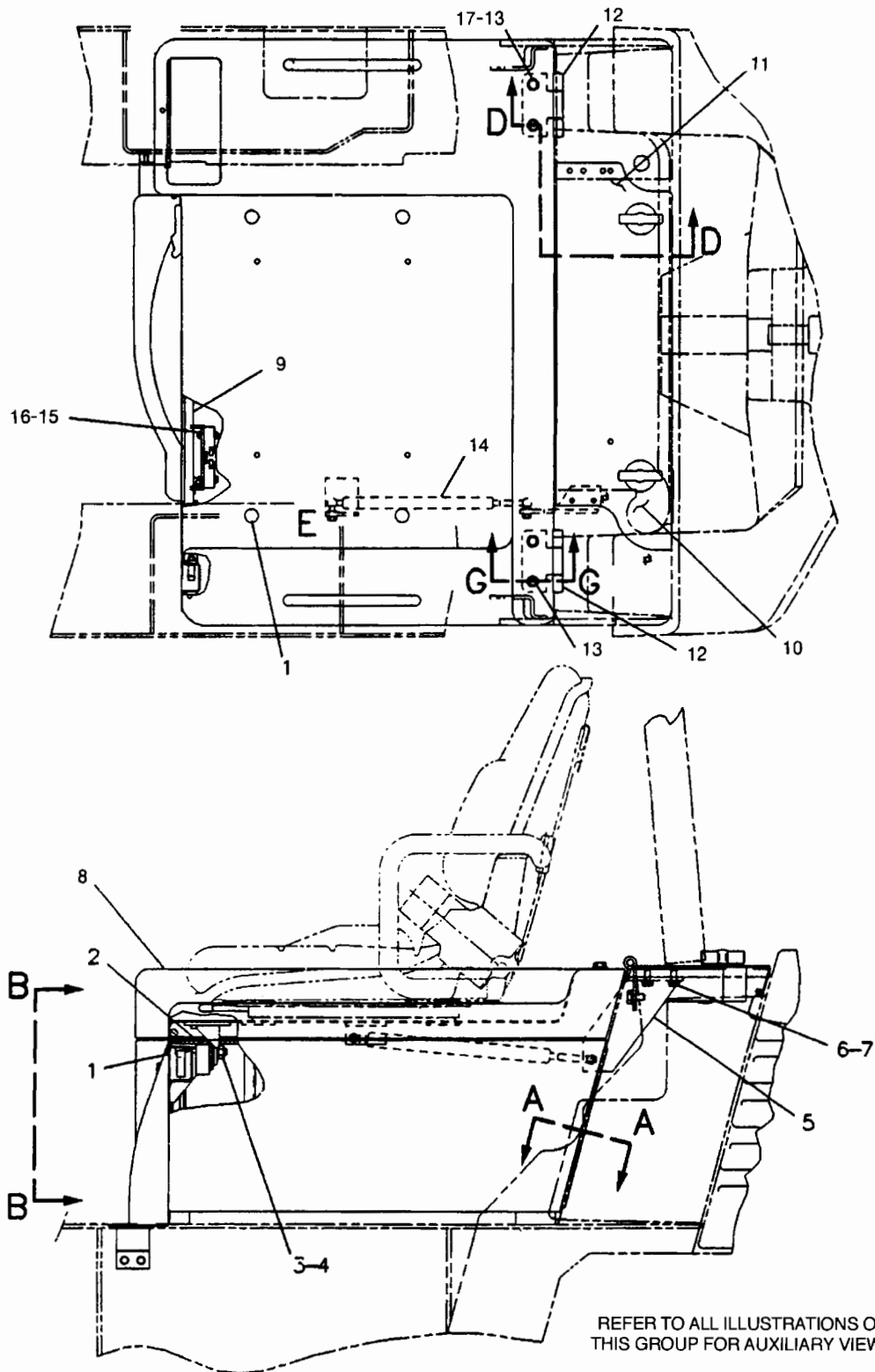
TOP VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R5086	1	PLATE					
	2	D130852	1	PLATE AS					
	2	8T4136	4	BOLT					
	4	5I0233	1	STRIP					
	5	8T4121	4	WASHER					

D130851 FLOORPLATE GP

10.04

FRAME AND BODY



D130694 PANEL GP - TOP - PART 1 OF 2

10.04

FRAME AND BODY

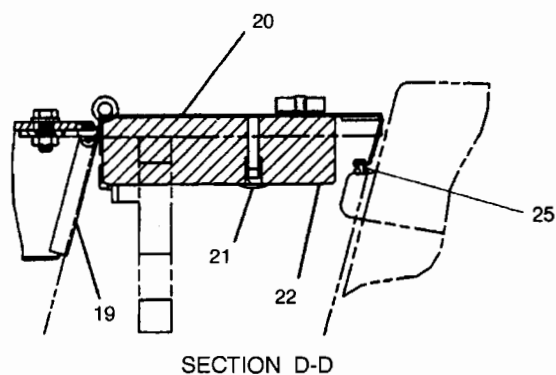
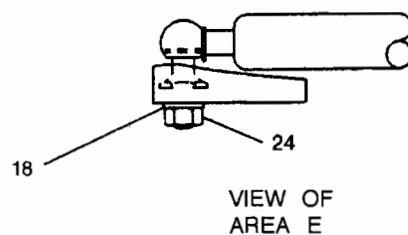
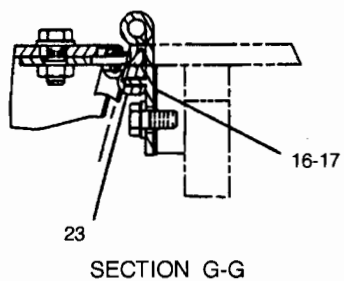
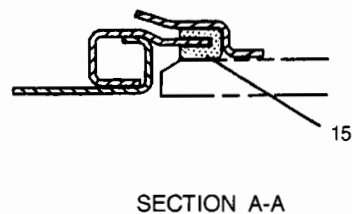
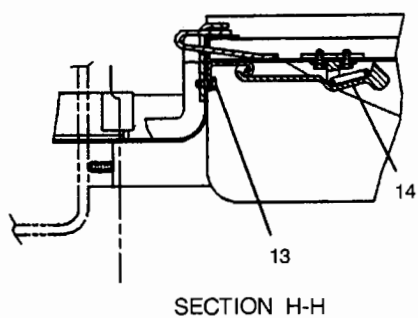
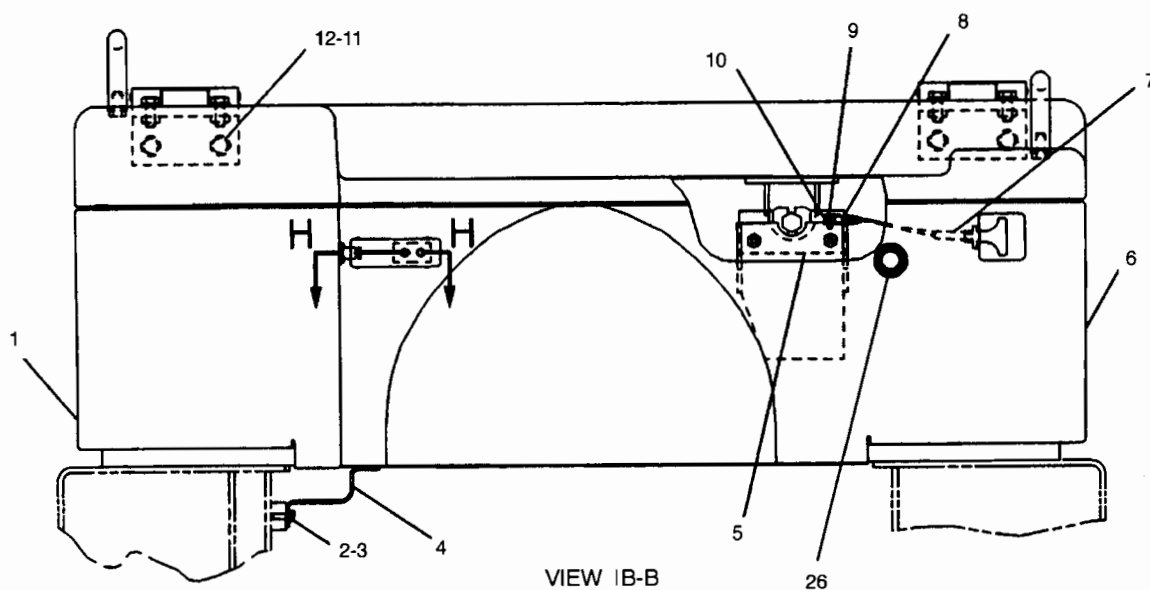
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	6K9592	5	PLUG					
	2	6V1155	1	STRIKER AS					
	3	6V5729	1	NUT-LOCK					
	4	8T5360	1	WASHER					
	5	8Q7061	1	BRACKET					
	6	8T4224	2	WASHER					
	7	8T4189	2	BOLT					
	8	D130822	1	HOOD AS-UPPER					
	9	D410542	386	STRIP-BULK-CM					
	10	8Q2286	1	SEAL					
	11	8Q2288	1	SEAL					
	12	D130959	2	HINGE AS					
	13	8T4136	4	BOLT					
	14	D130817	1	SPRING AS-GAS					
	15	8T4205	2	WASHER-HARD					
	16	7X2533	2	BOLT					
	17	7X7729	4	WASHER					

E-ORDER BY THE CENTIMETER

D130694 PANEL GP - TOP - PART 1 OF 2

10.05

FRAME AND BODY



D130694 PANEL GP - TOP - PART 2 OF 2
Refer To Fig.10.051

10.05

FRAME AND BODY

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D130833	1	HOOD-LOWER RH					
		5I0055	1	PAD					
		929442	1	PAD					
	2	8T4970	2	BOLT					
	3	9X8256	2	WASHER					
	4	8Q2170	1	PLATE-PANEL SUPT					
	5	8T2585	1	LATCH AS					
	6	D131071	1	PANEL AS-LH					
		5I0055	1	PAD					
		929442	1	PAD					
	7	D131018	1	CABLE AS					
	8	D131027	1	CLEVIS-OFFSET					
	9	3B4605	1	PIN-COTTER					
	10	9S1305	1	PIN-CLEVIS					
	11	8T4137	4	BOLT					
	12	8T4121	4	WASHER					
	13	6V5210	4	SCREW					
	14	5I0311	1	LATCH					
	15	8Q2308	2	STRIP					
	16	8Q2269	4	SHIM					
	17	8Q2270	4	SHIM					
	18	8T4224	2	WASHER					
BE	19	7X7898	119	TRIM-CM					
	20	8Q7059	1	PLATE AS					
	21	908524	2	NUT-SLEEVE					
	22	D131267	1	INSULATION					
BD	23	5P6445	-	SEAL-CM					
	24	5P7970	2	NUT					
BE	25	3E9556	51	SEAL-CM					
	26	D131073	1	PLUG					

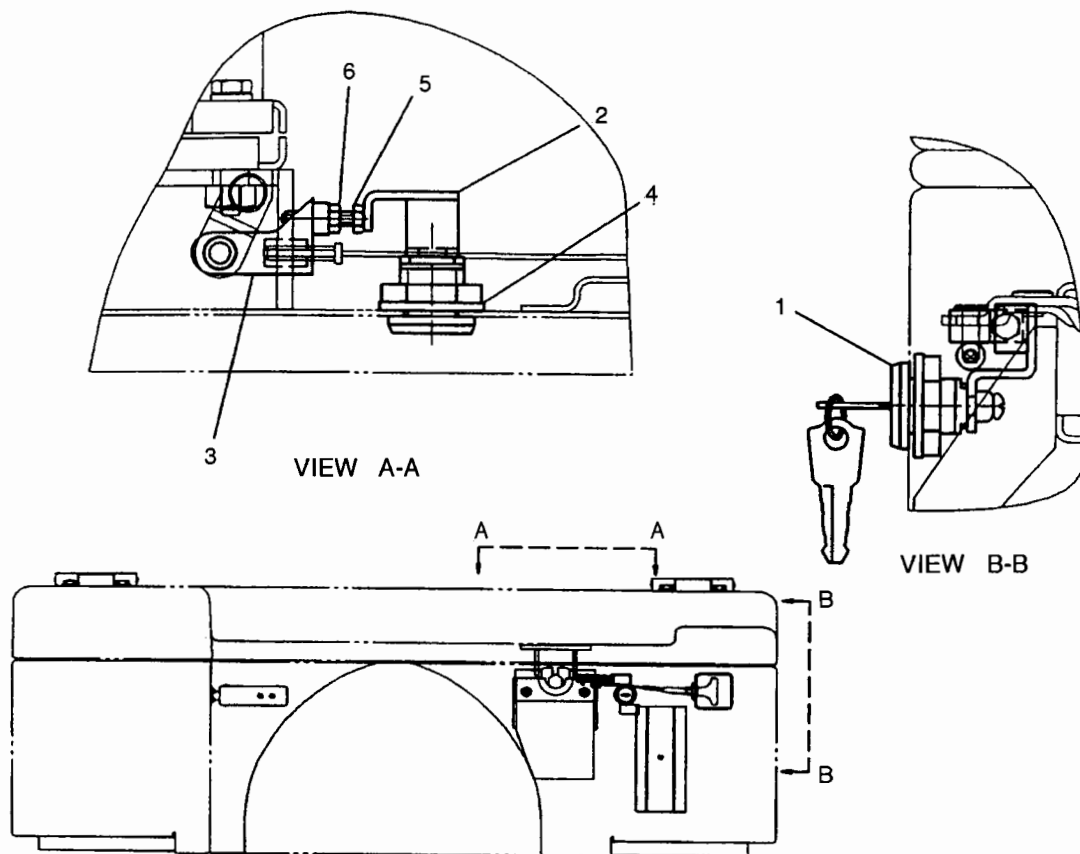
B-USE AS REQUIRED
D-ORDER BY THE METER
E-ORDER BY THE CENTIMETER

D130694 PANEL GP - TOP - PART 2 OF 2

Refer To Fig.10.051

10.051

FRAME AND BODY



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D131085	1	KEY AS					
	-	D131097	1	KEY					
	2	D131084	1	PLATE-KEY					
	3	D131083	1	CLEVIS(EU-EXP)					
	4	6V7607	1	WASHER-HARD					
	5	S0102003	1	BOLT					
	6	S4002103	1	NUT					

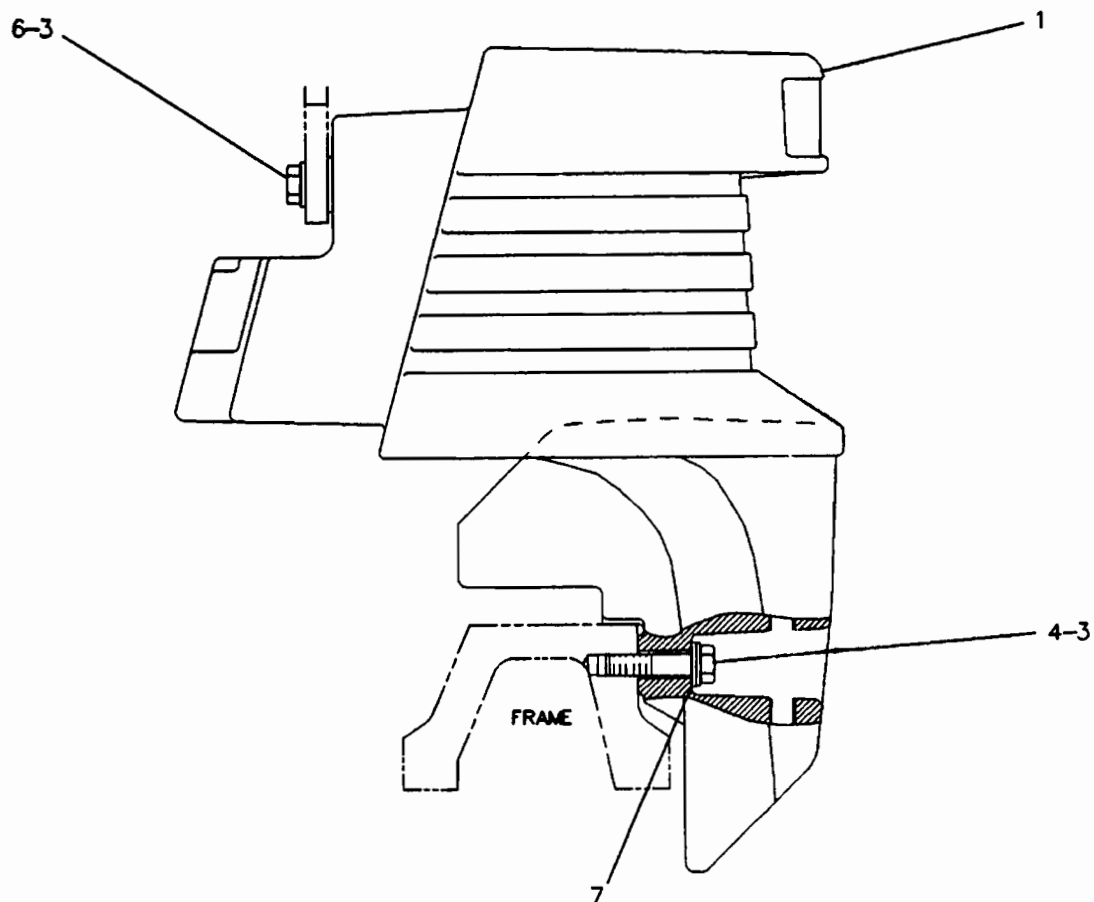
D131086 CHANGEOVER AR FOR EU - EUROPEAN TRUCK ONLY

Refer To Fig.10.05

MEMORANDA

10.06

FRAME AND BODY

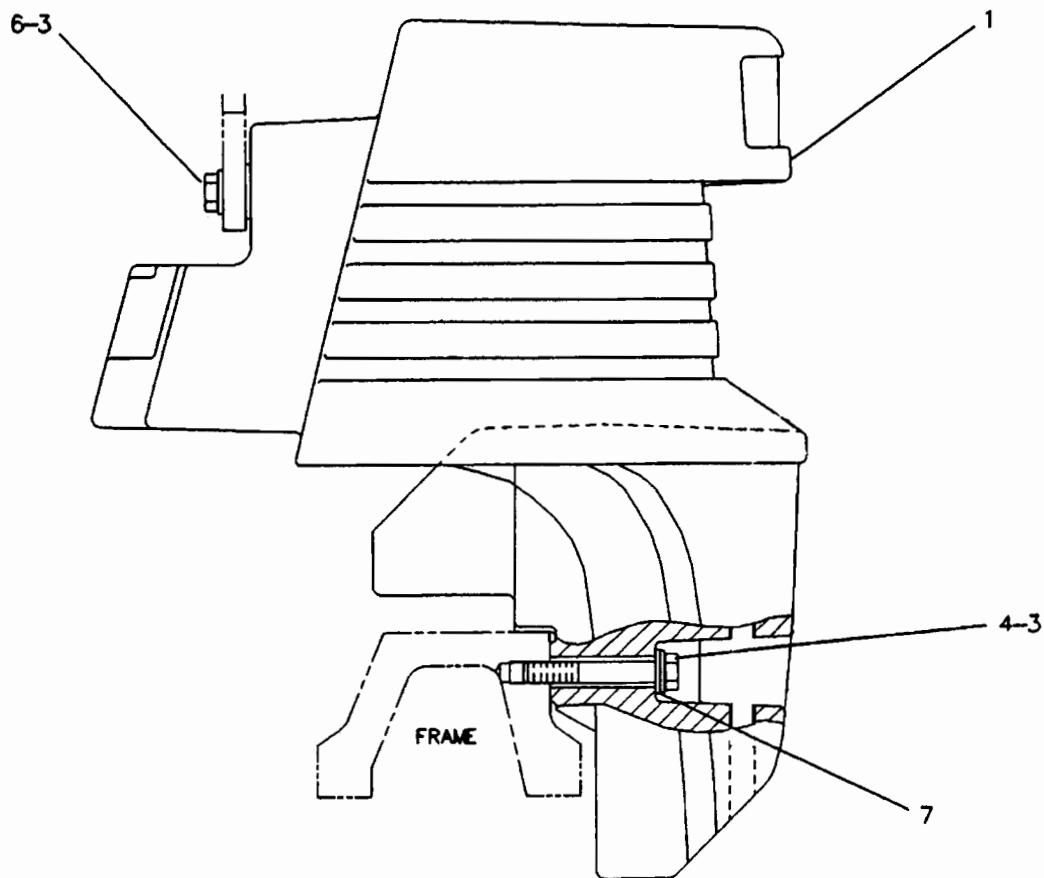


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	510004	1	COUNTER WEIGHT					
	3	5P8250	3	WASHER					
	4	8T0668	1	BOLT					
	6	6V8133	2	BOLT					
	7	908745	1	PLATE					

D131014 COUNTERWEIGHT GP (2 TON)
An Attachment

10.07

FRAME AND BODY

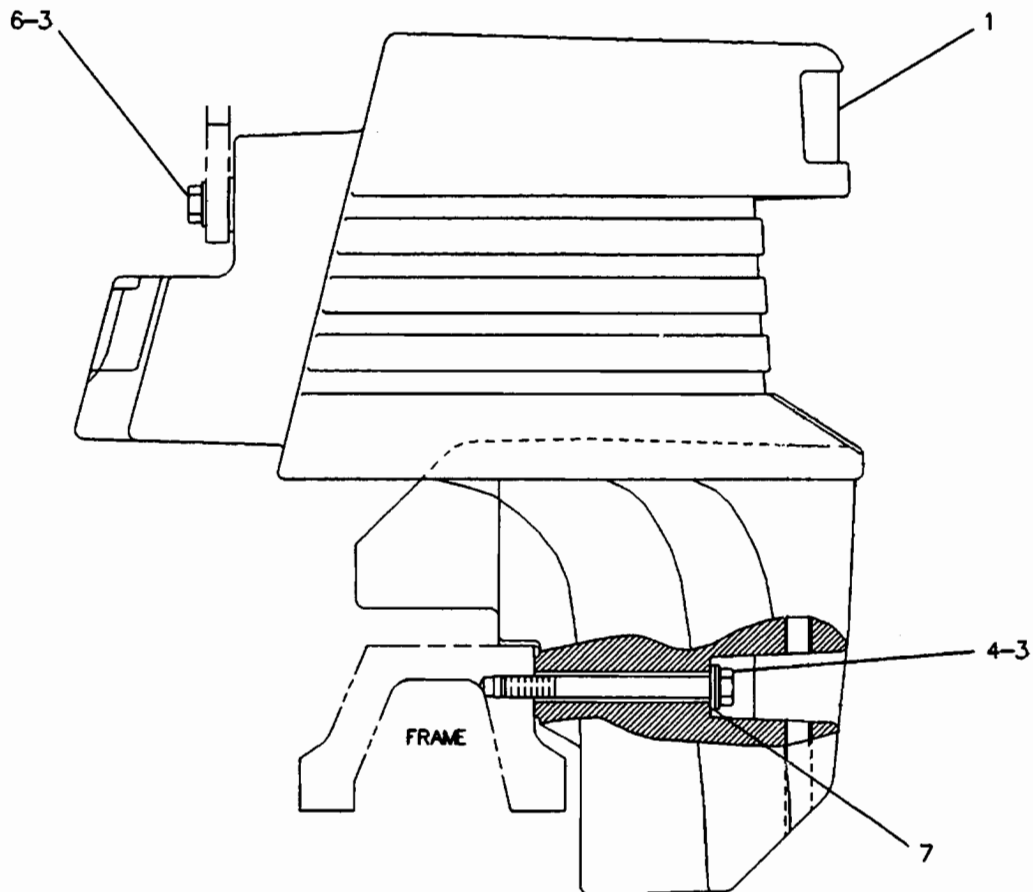


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5I0005	1	COUNTER WEIGHT					
	3	5P8250	3	WASHER					
	4	8T0672	1	BOLT					
	6	6V8133	2	BOLT					
	7	908745	1	PLATE					

D131015 COUNTERWEIGHT GP (2.5 TON)
An Attachment

10.08

FRAME AND BODY



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5I0006	1	COUNTER WEIGHT					
	3	5P8250	3	WASHER					
	4	8T0365	1	BOLT					
	6	6V8133	2	BOLT					
	7	908745	1	PLATE					

D131016 COUNTERWEIGHT GP (3 TON)
An Attachment

10.09

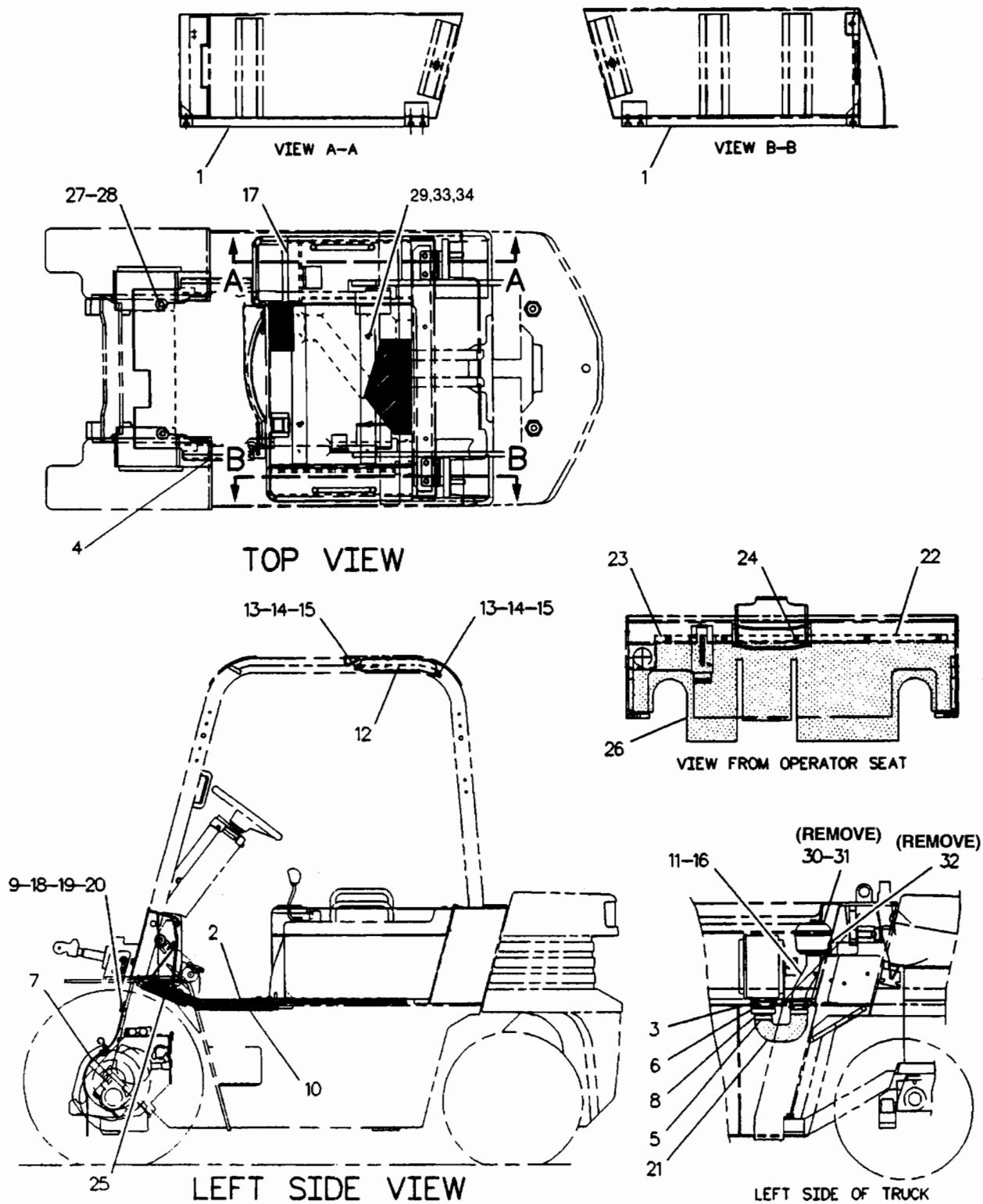
FRAME AND BODY

NO SERVICED PARTS

D130497 FRAME AS

10.10

FRAME AND BODY



D130954 CHANGEOVER AR - SOUND SUPPRESSION
An Attachment

FRAME AND BODY

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	5P7482	11	SEAL-DM					
	2	5I0319	1	FLOORMAT					
	3	908508	1	HOSE					
	4	5I0198	2	CLIP					
	5	392154	1	ADAPTER					
	6	9M7959	1	CLAMP-HOSE					
	7	8Q2227	1	BARRIER AS-AXLE					
	8	1W4724	1	CLAMP					
	9	8T4137	3	BOLT					
	10	5I0211	1	FOAM-FLOOR PLATE					
	11	5I0249	1	TUBE AS					
	12	8Q2259	1	HEADLINER-HEADGUARD					
	13	5I0215	2	BRACKET					
	14	5I0216	2	BRACKET					
	15	5P7923	4	SCREW-WASHER HEAD					
	16	8T4136	2	BOLT (M10X1.50X25MM)					
	17	D130951	1	INSULATION-HOOD					
	18	6R6803	3	SPACER					
	19	6R6468	1	ANGLE					
	20	7X7729	3	WASHER					
	21	5I0097	1	HOSE					
	22	6R6801	1	CLIP AS					
	23	6R6800	1	CLIP AS					
	24	6V5645	5	SCREW-MACHINE					
	25	6R6931	1	FOAM-FRONT FLOOR PLATE					
	26	D131067	1	BARRIER-COWL INSIDE					
	27	8T4186	4	BOLT					
	28	6G7436	4	SPACER					
	29	908524	3	NUT-SLEEVE					
	30	8N3132	1	PRECLEANER AS					
REMOVE	31	7W6527	1	COVER AS					
REMOVE	32	7W6526	1	BOWL					
	33	8T4189	2	BOLT					
	34	7X0515	2	WASHER					

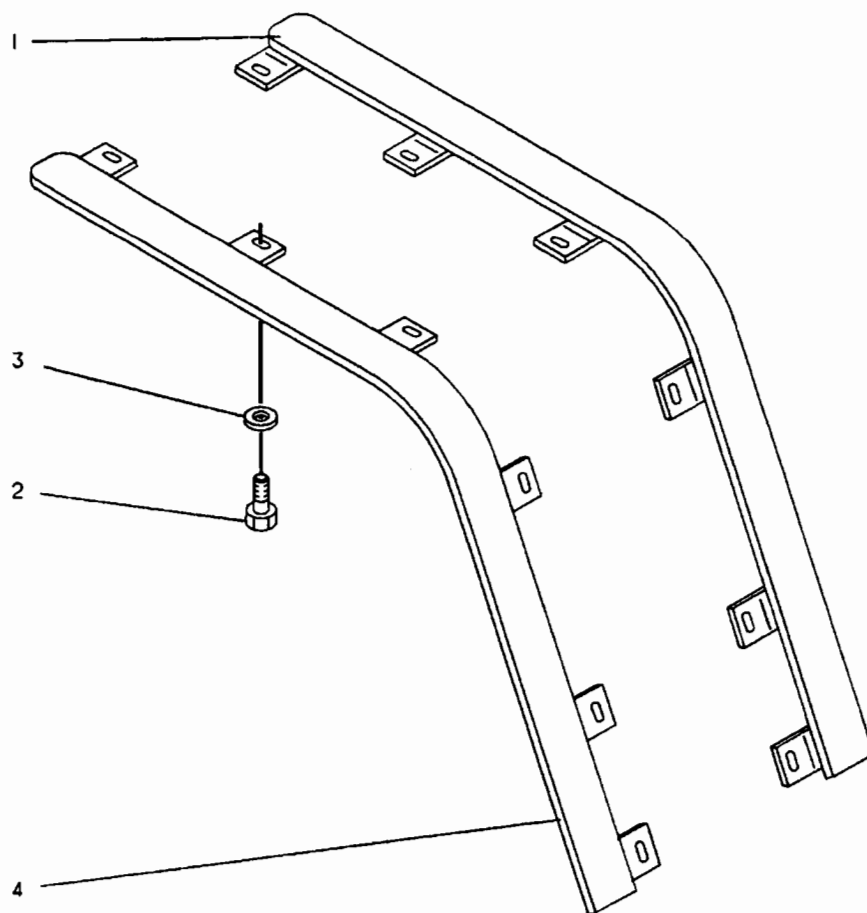
E-ORDER BY THE DECIMETER

D130954 CHANGEOVER AR - SOUND SUPPRESSION

An Attachment

10.11

FRAME AND BODY

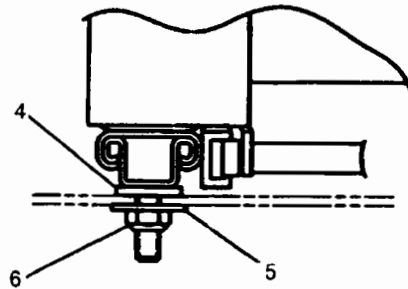
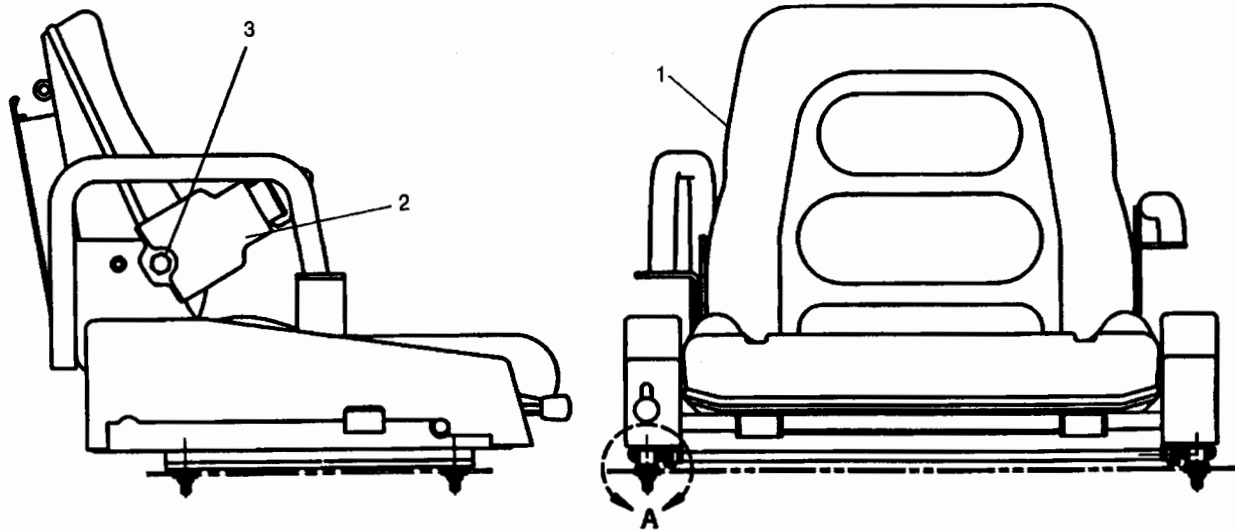


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D140220	1	FENDER AS-R.H.					
	2	S0511963	12	BOLT					
	3	8T4121	12	WASHER					
	4	D140219	1	FENDER AS-L.H.					

D140221 FENDER GP
For Use Dual Drive Tires
An Attachment

11.01

OPERATOR STATION



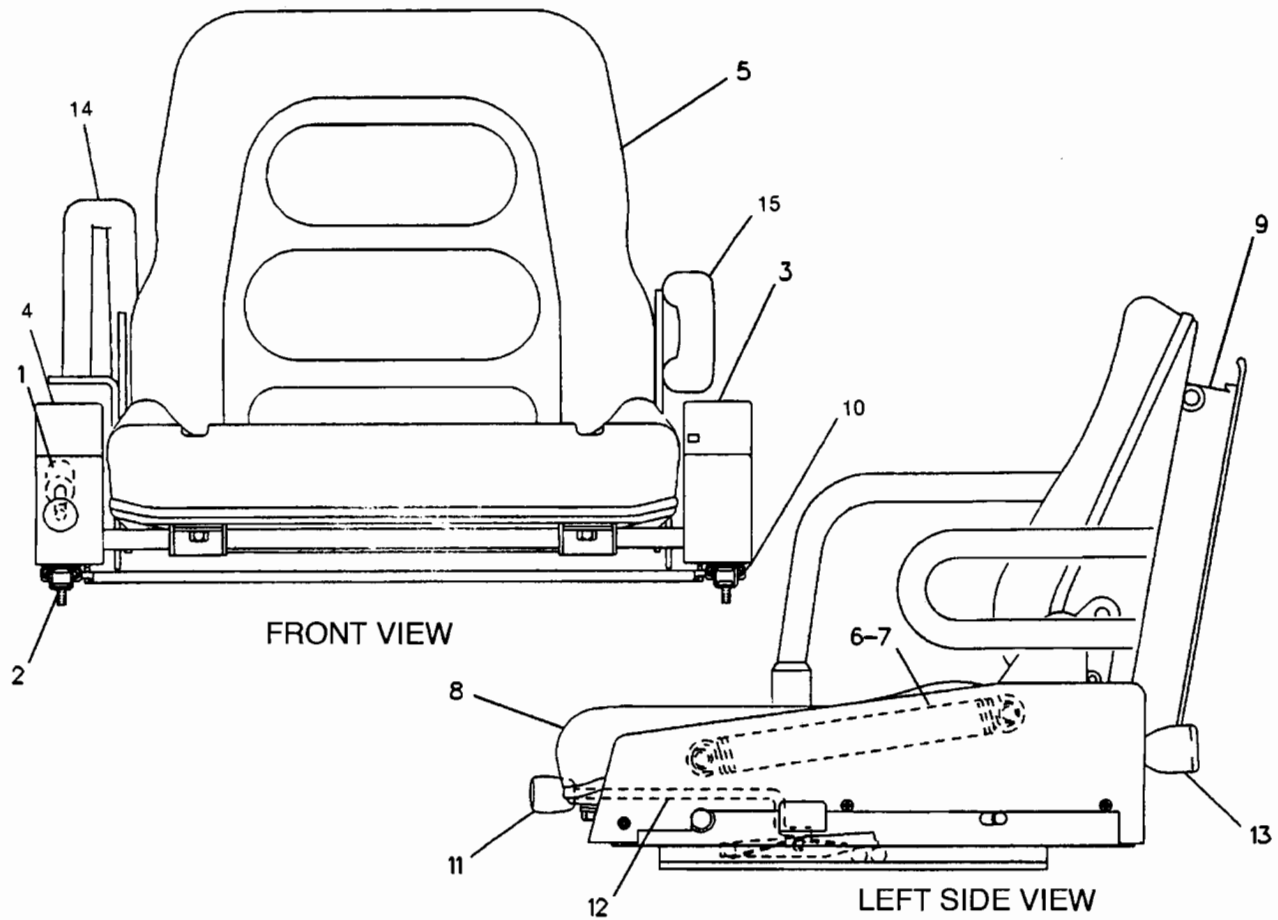
DETAIL A
SCALE 1 : 1

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	1095583	1	SEAT GP-SUSPENSION-PART OF 6R6630 SEAT					
	2	6R6628	1	RESTRAINT GP					
	3	8T4179	2	BOLT					
	4	5P1075	4	WASHER					
	5	7X0579	4	WASHER					
	6	6V9189	4	NUT-LOCK					

Y-SEPARATE ILLUSTRATION

11.02

OPERATOR STATION

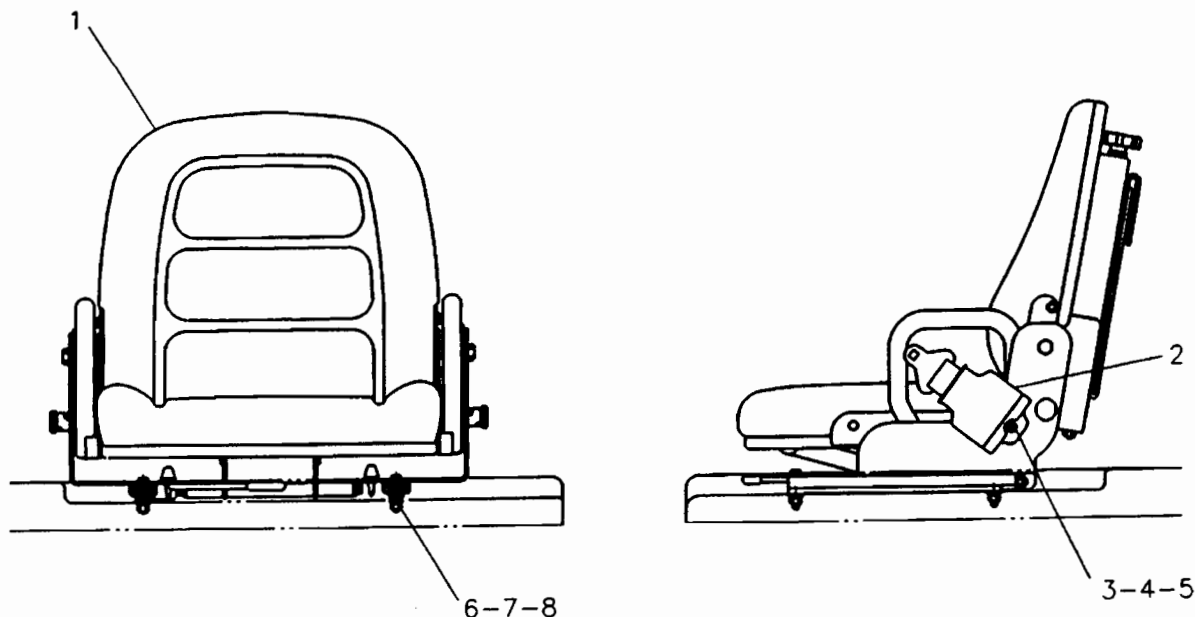


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	917883	1	SHOCK-ABSORBER					
	2	970909	1	ADJUSTER AS-RT					
	3	929206	1	COVER AS-LEFT					
	4	970906	1	COVER-RIGHT					
	5	970628	1	CUSHION-UPPER					
	6	917881	1	SPRING-EXTENSION					
	7	917882	1	SPRING					
	8	970629	1	CUSHION-LOWER					
	9	917884	1	BOX-LITERATURE					
	10	970910	1	ADJUSTER AS-LT					
	11	970907	1	KNOB-ADJ LEVER					
	12	970908	1	LEVER AS					
	13	927803	1	KNOB AS					
	14	1083932	1	RESTRAINT AS					
	15	1083935	1	RESTRAINT AS					

1095583 SEAT GP - SUSPENSION (VINYL)
Part Of 6R6630 Seat
An Attachment

11.021

OPERATOR STATION



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	A151762	1	SEAT GP-SUSPENSION(NACD)					
Y		A151764	1	SEAT AS-SUSPENSION (NON NACD)					
	2	6R6628	1	RESTRAINT GP					
	3	8T4192	2	BOLT					
	4	8T4223	2	WASHER					
	5	6V7687	2	NUT-LOCK					
	6	D910193	4	BOLT					
	7	8T4224	4	WASHER					
	8	6V9189	4	NUT-LOCK					

Y-SEPARATE ILLUSTRATION

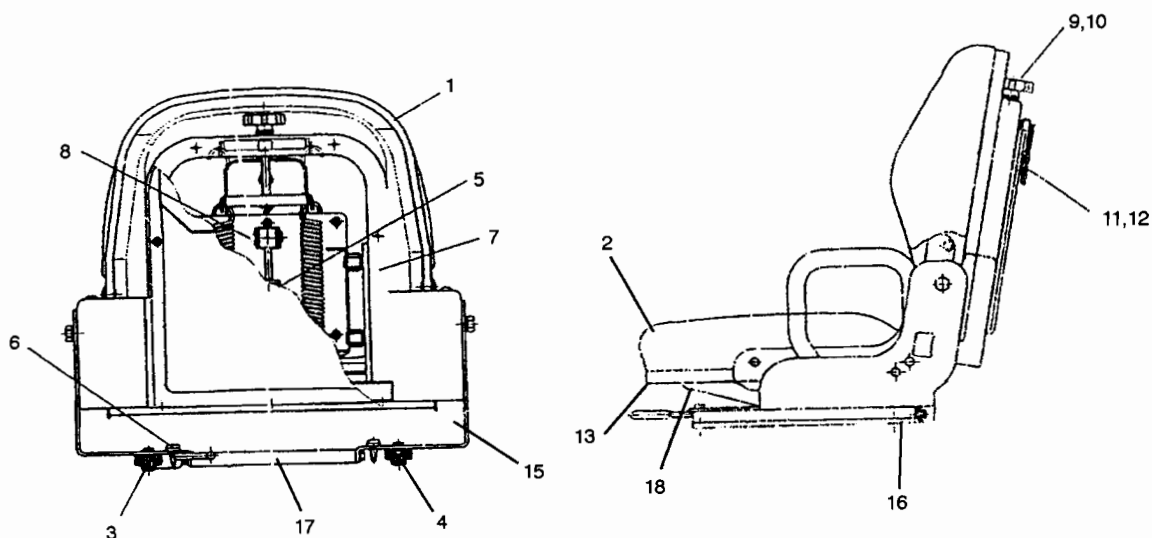
D131032 SEAT GP - SUSPENSION

A151762 - Page 146.2, A151764 - Page 146.3

An Attachment

11.022

OPERATOR STATION



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A152193	1	BACKREST PAD ASS'Y					
	2	A152192	1	CUSHION AS					
	3	A151855	1	RAIL-GUIDE AS(R.H.)					
	4	D130843	1	GUIDE RAIL AS(L.H.)					
	5	A151856	1	DAMPER					
	6	A151857	2	SHOCK ABSORBER					
	7	A151858	4	ROLLER					
	8	A151859	4	BUSHING					
	9	A151860	1	CAP-ADJUST KNOB					
	10	A151861	1	KNOB ADJUST					
	11	D130846	1	POCKET AS					
	12	D130847	7	PLASTIC RIVET					
	15	A151862	4	CAP					
	16	A152179	1	SUPPORT BAR					
	17	A152198	1	LINK BRACKET					
	18	A152262	2	BUSH					

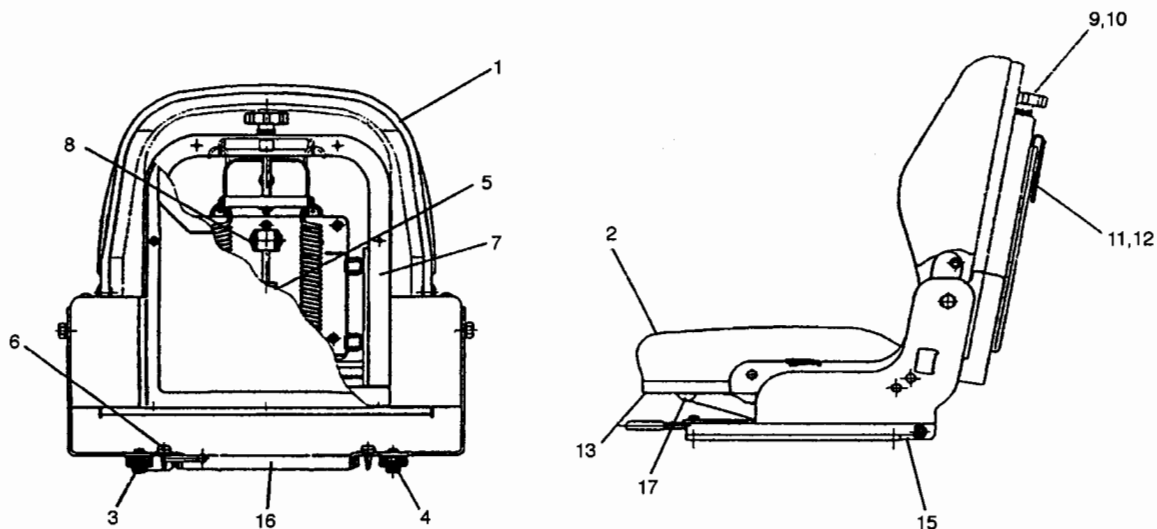
A151762 SEAT GP - SUSPENSION (NACD)

Refer To Page 146.1

An Attachment

11.023

OPERATOR STATION



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A152193	1	BACKREST PAD ASS'Y					
	2	A152192	1	CUSHION PAD ASS'Y					
	3	A151855	1	RAIL-GUIDE AS(R.H.)					
	4	D130843	1	RAIL-GUIDE AS(L.H.)					
	5	A151856	1	DAMPER					
	6	A151857	2	SHOCK ABSORBER					
	7	A151858	4	ROLLER					
	8	A151859	4	BUSHING					
	9	A151860	1	CAP-ADJUST KNOB					
	10	A151861	1	KNOB ADJUST					
	11	D130846	1	POCKET ASS'Y					
	12	D130847	7	PLASTIC RIVET					
	15	A152179	1	SUPPORT BAR					
	16	A152198	1	LINK BRACKET					
	17	A152262	2	BUSH					

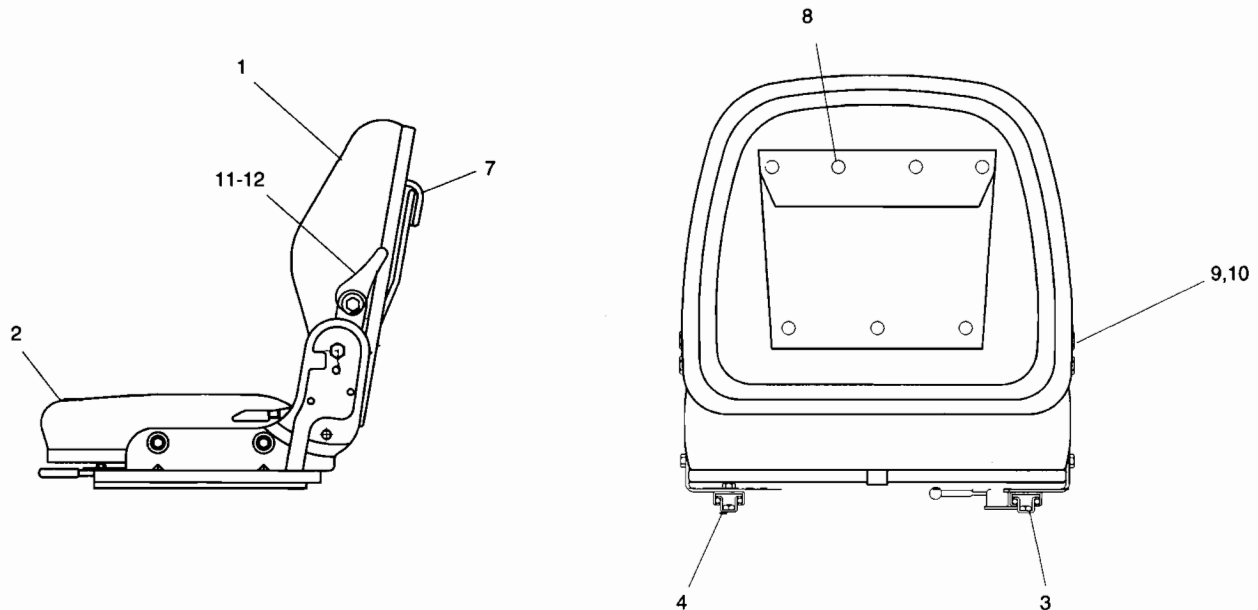
A151764 SEAT GP - SUSPENSION VINYL COVERED CUSHION(NON NACD)

Refer To Page 146.1

An Attachment

11.024

OPERATOR STATION



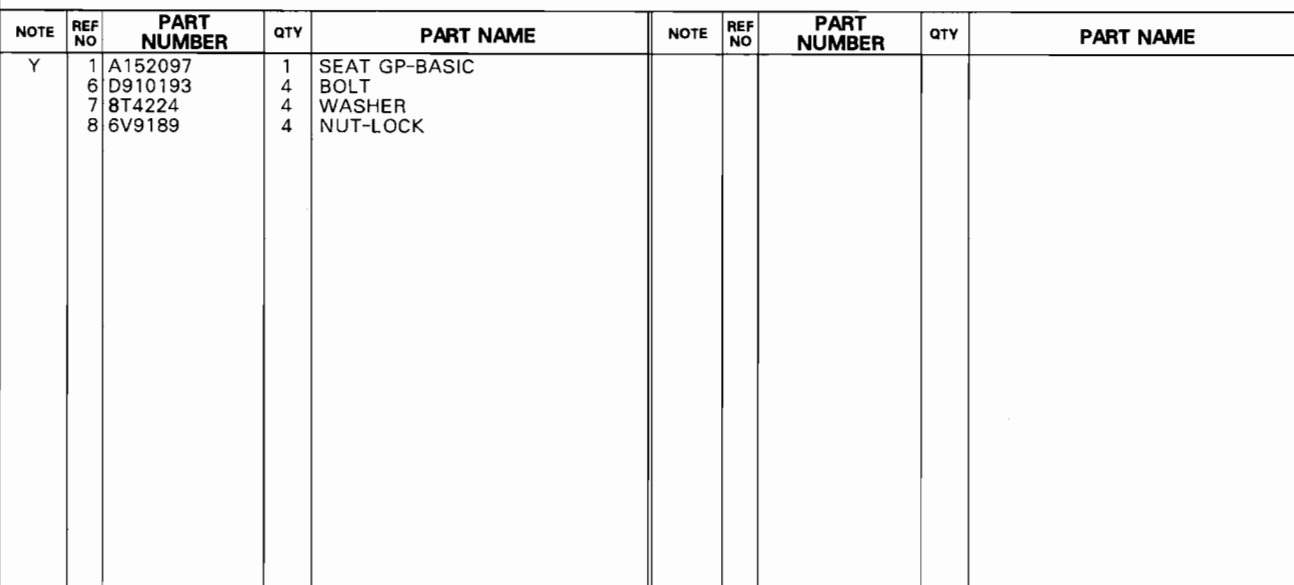
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A152195	1	BACKREST AS					
	2	A152194	1	CUSHION AS					
	3	D130842	1	GUIDE RAIL AS(R.H.)					
	4	D130843	1	GUIDE RAIL AS(L.H.)					
	7	D130846	1	POCKET AS					
	8	D130847	7	PLASTIC RIVET					
	9	D131009	1	BOLT					
	10	D131010	2	NUT					
	11	A152113	1	LEVER LUMBAR SPTR.					
	12	S3450833	1	R.H SCREW					

A152097 SEAT GP

Part Of D130849 Seat Gp

Refer To Page 147

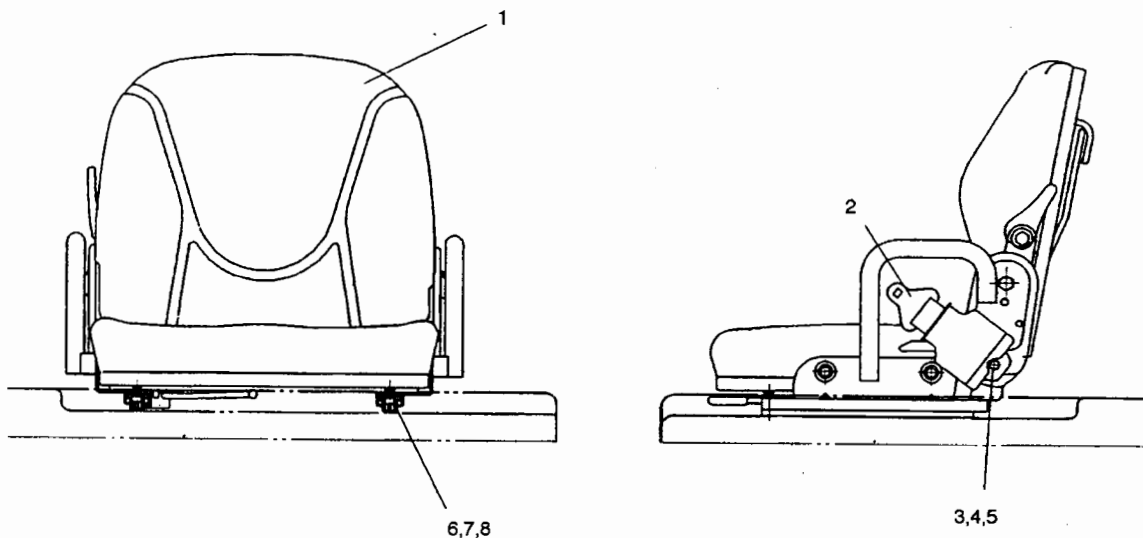
MEMORANDA



- 147 - D139175

11.031

OPERATOR STATION



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	A152098	1	SEAT GP-BSC(NACD)					
	2	6R6628	1	RESTRAINT GP					
	3	8T4192	2	BOLT					
	4	8T4223	2	WASHER					
	5	6V7687	2	LOCKNUT					
	6	D910193	4	BOLT					
	7	8T4224	4	WASHER					
	8	6V9189	4	LOCKNUT					

Y-SEPARATE ILLUSTRATION

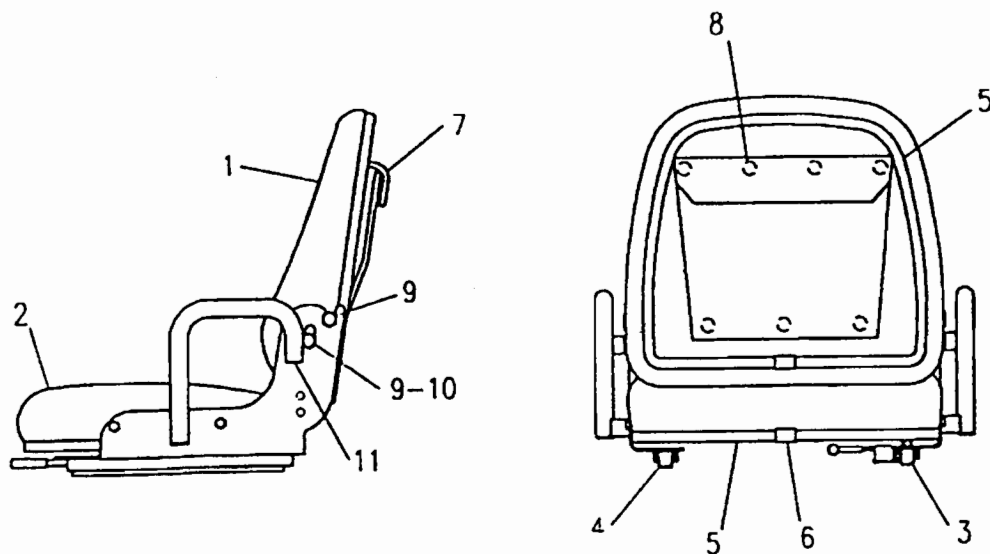
D130848 SEAT GP

A152098 - Page 148.1

An Attachment

11.04

OPERATOR STATION



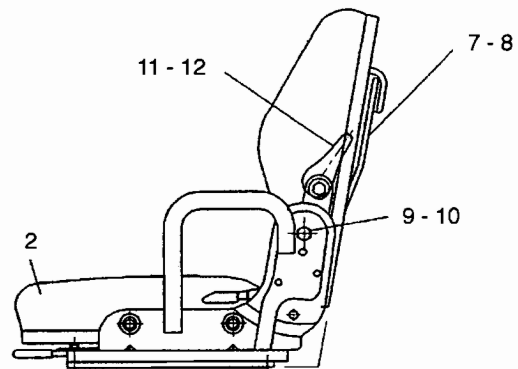
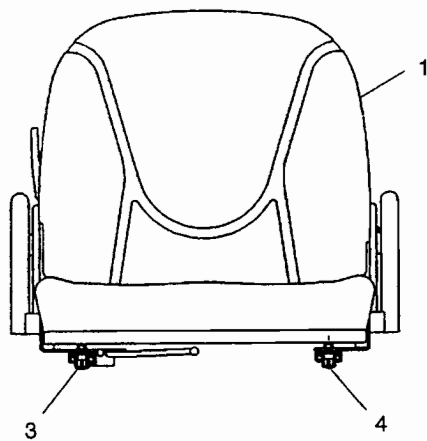
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	D130840	1	BACKREST AS					
	2	D130841	1	CUSHION AS					
	3	D130842	1	GUIDE RAIL AS-R.H.					
	4	D130843	1	GUIDE RAIL AS-L.H.					
	5	D130844	320	STRAP-CM					
	6	D130845	1	CLIP					
	7	D130846	1	POCKET AS					
	8	D130847	7	PLASTIC RIVET					
	9	D131009	4	BOLT					
	10	D131010	2	NUT					
	11	D131012	4	CAP					

E-ORDER BY THE CENTIMETER

D130839 SEAT GP - BASIC

11.041

OPERATOR STATION

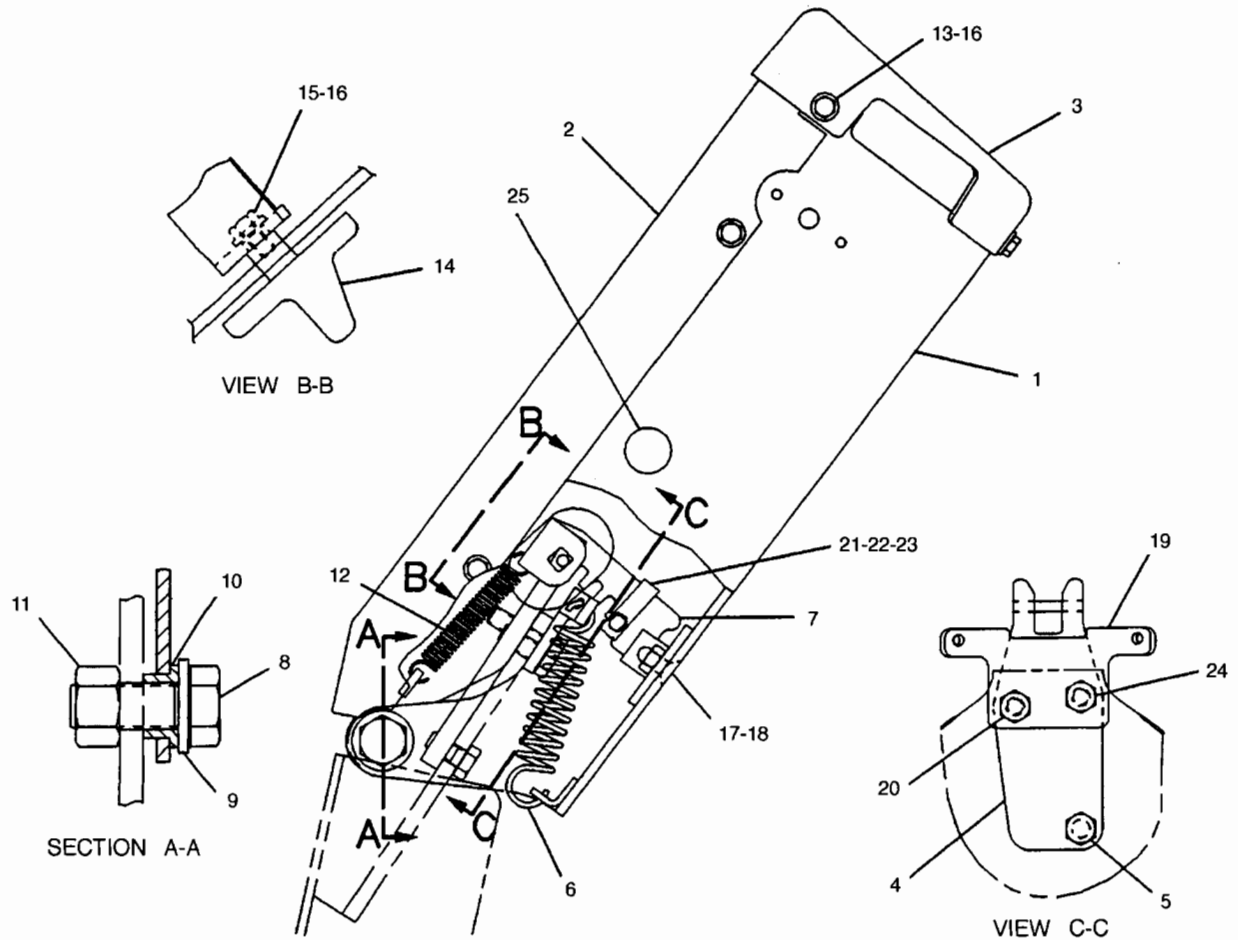


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A152195	1	BACKREST PAD ASS'Y					
	2	A152194	1	CUSHION PAD ASS'Y					
	3	D130842	1	RAIL-GUIDE AS. (R.H.)					
	4	D130843	1	RAIL-GUIDE AS. (L.H.)					
	7	D130846	1	PORKEIT AS					
	8	D130847	7	PLASTIC RIVET					
	9	D131009	1	BOLT					
	10	D131010	2	NUT					
	11	A152113	1	LEVER LUMBER SPRT					
	12	S3450833	1	R.H SCREW					

A152098 SEAT GP - BASIC
part of D130848 seat gp
an attachment

11.05

OPERATOR STATION



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D130347	1	SUPPORT AS					
	2	6R8057	1	COVER-FRONT					
	3	6R8048	1	COVER-INSTRUMENT					
	4	A152124	1	PLATE AS					
	5	8T4137	1	BOLT					
	6	8Q5561	2	SPRING-FILLET					
	7	D150936	1	RACK AS					
	8	8T7338	2	BOLT					
	9	8T4122	2	WASHER					
	10	926627	2	BUSHING					
	11	8T4132	2	NUT					
	12	9D1058	1	SPRING					
	13	3C1878	7	SCREW					
	14	6R8064	1	HANDLE					
	15	8T4970	1	BOLT					
	16	8T4205	8	WASHER-HARD					
	17	8C7562	2	SCREW-HEX SOCKET FLAT					
	18	5C7261	2	NUT					
	19	6R8058	1	ANCHOR-SPRING					
	20	8T4136	1	BOLT					
	21	6R8067	1	STOP					
	22	8T0326	1	BOLT					
	23	5C2874	1	NUT					
	24	8T4196	1	BOLT					
	25	4H3001	1	PLUG-BUTTON					

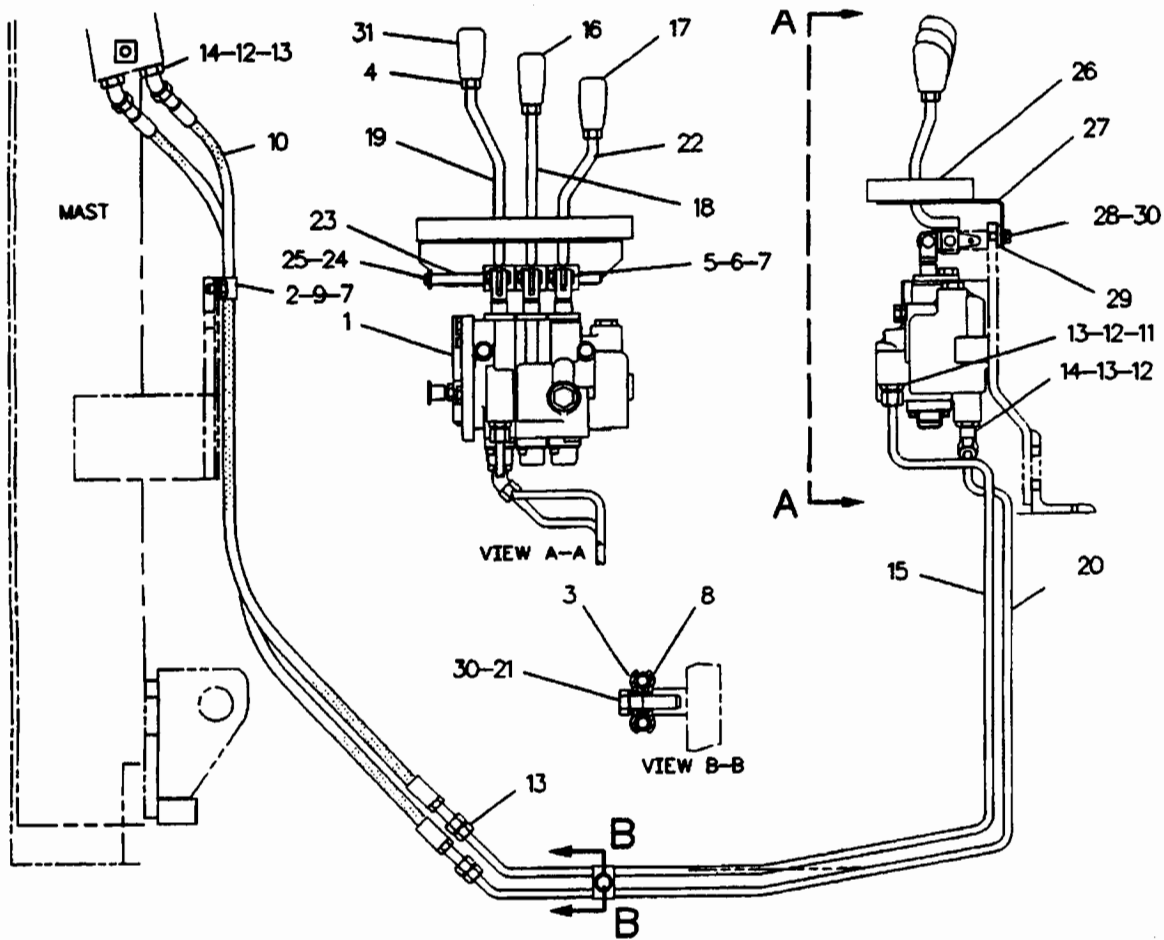
D130328 CONSOLE GP

MEMORANDA

MEMORANDA

12.01

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	987293	1	VALVE GP-CONTROL 3 SPOOL		27	909325	1	PLATE
	2	7S1912	1	CLIP		28	8T4189	2	BOLT
C	3	D900028	2	CLAMP		29	7X0613	2	WASHER-HARD
	4	8T4244	3	LOCKNUT		30	8T4224	3	WASHER
	5	6V8758	3	PIN-CLEVIS		31	D131003	1	KNOB-S/S
	6	3B4615	3	PIN-COTTER					
	7	8T4121	4	WASHER					
	8	4H2804	1	SPACER					
	9	8T4191	1	BOLT					
	10	6R6369	2	HOSE AS					
	11	6V8634	1	CONNECTOR					
	12	3K0360	4	SEAL-O-RING					
	13	6V8397	6	SEAL-FACE					
	14	6V9876	3	ELBOW					
	15	6R6978	1	TUBE AS					
	16	D131002	1	KNOB-TILT					
	17	D131001	1	KNOB-RAISE					
	18	863482	1	LEVER AS					
	19	863484	1	LEVER AS					
	20	8Q7064	1	TUBE AS					
	21	8T7547	1	BOLT					
	22	863480	1	LEVER AS					
	23	863478	1	SHAFT AS					
	24	6V4298	1	BOLT					
	25	7X0620	1	WASHER-HARD					
	26	6R6878	1	INSULATION-VALVE					

Y-SEPARATE ILLUSTRATION
C-CHANGED

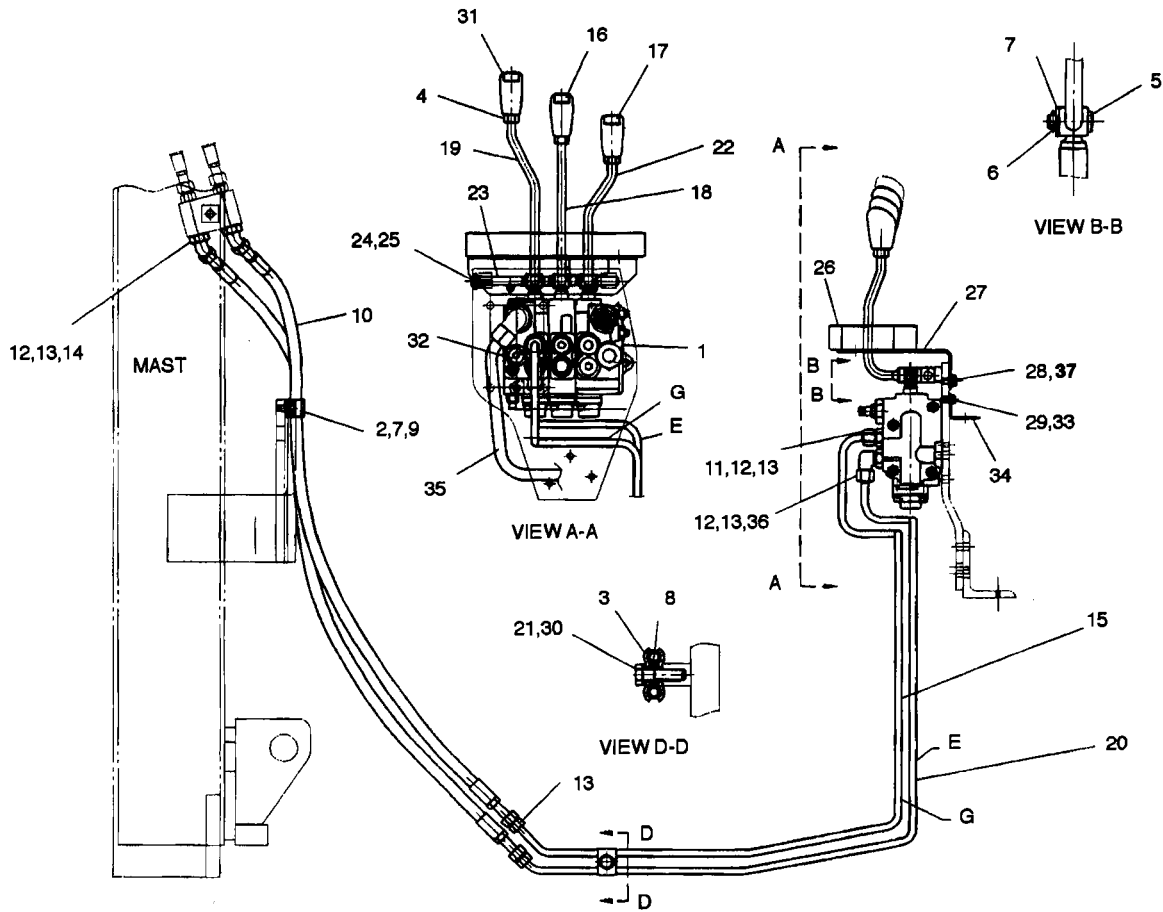
09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4682

D131023 VALVE AR - 3 SECTION - CMC

987293 Page 154
An Attachment
Refer To Fig.12.011

12.011

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y C	1	D144361	1	VALVE GP-CONTROL		27	D131129	1	PLATE
	2	7S1912	1	CLIP		28	8T4200	2	BOLT
	3	D900028	2	CLAMP		29	8T4205	2	WASHER-HARD
	4	8T4244	3	LOCKNUT		30	8T4224	3	WASHER
	5	D131121	3	PIN-CLEVIS		31	D131003	1	KNOB
	6	3B4615	3	PIN-COTTER		32	D144363	1	RELIEF VALVE AS(2.0 TON)
	7	8T4121	4	WASHER			D144364	1	RELIEF VALVE AS(2.5 TON)
	8	4H2804	1	SPACER			D144365	1	RELIEF VALVE AS(3.0 TON)
	9	8T4191	1	BOLT		33	5C9553	2	BOLT
	10	6R6369	2	HOSE AS		34	D131177	1	PLATE
	11	6V8634	1	CONNECTOR		35	D131148	1	TUBE AS
	12	3K0360	4	SEAL-O-RING		36	D902163	1	ELBOW
	13	6V8397	6	SEAL-FACE		37	D917168	2	WASHER
	14	6V9876	3	ELBOW					
	15	D131130	1	TUBE AS					
	16	D131002	1	KNOB-TILT					
	17	D131001	1	KNOB-RAISE					
	18	D131125	1	LEVER AS					
	19	D131128	1	LEVER AS					
	20	D131131	1	TUBE AS					
	21	8T7547	1	BOLT					
	22	D131123	1	LEVER AS					
	23	863478	1	SHAFT AS					
	24	6V4298	1	BOLT					
	25	7X0620	1	WASHER-HARD					
	26	6R6878	1	INSULATION-VALVE					

Y-SEPARATE ILLUSTRATION
C-CHANGED

09-0617~1140 11-0437~0767
10-1238~2260 12-4683~8755

D131106 VALVE AR - 3 SECTION - LTZ

D144361 - Page 154.1

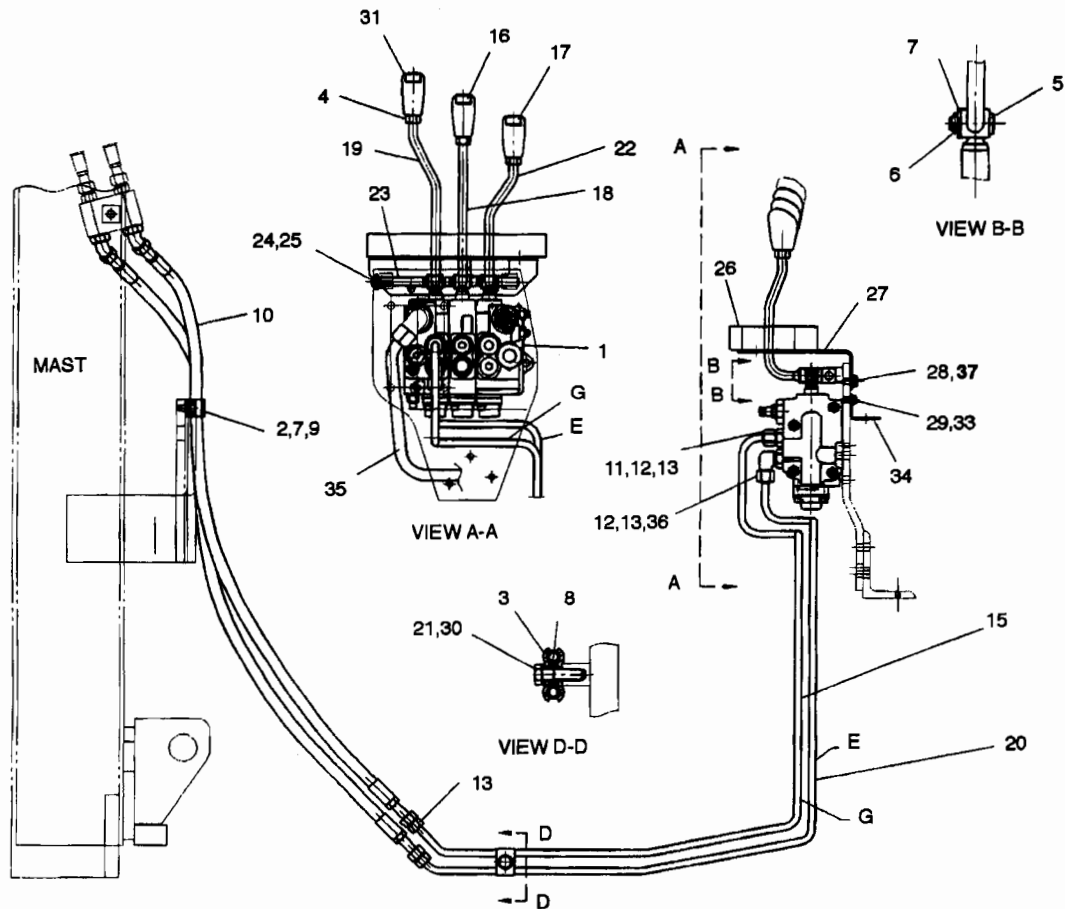
An Attachment

Refer To Fig.12.01

- 151.1 - D139175

12.012

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D144376	1	VALVE GP-CONTROL	28	8T4200	2	BOLT	
	2	7S1912	1	CLIP	29	8T4205	2	WASHER-HARD	
	3	D900028	2	CLAMP	30	8T4224	1	WASHER	
	4	8T4244	3	LOCKNUT	31	D131003	1	KNOB	
	5	D131121	3	PIN-CLEVIS	33	5C9553	2	BOLT	
	6	3B4615	3	PIN-COTTER	34	D131177	1	PLATE	
	7	8T4121	4	WASHER	35	D131148	1	TUBE AS	
	8	4H2804	1	SPACER	36	D902163	1	ELBOW	
	9	8T4191	1	BOLT	37	D917168	2	WASHER-HARD	
	10	D131311	2	HOSE AS					
	11	6V8634	1	CONNECTOR					
	12	3K0360	2	SEAL-O-RING					
	13	6V8397	4	SEAL-FACE					
	15	D131130	1	TUBE AS					
	16	D131002	1	KNOB-TILT					
	17	D131001	1	KNOB-RAISE					
	18	D131241	1	LEVER AS					
	19	D131243	1	LEVER AS					
	20	D131131	1	TUBE AS					
	21	8T7547	1	BOLT					
	22	D131239	1	LEVER AS					
	23	863478	1	SHAFT AS					
	24	6V4298	1	BOLT					
	25	7X0620	1	WASHER-HARD					
	26	6R6878	1	INSULATION-VALVE					
	27	D131244	1	PLATE					

Y-SEPARATE ILLUSTRATION

09-1141~UP 11-0768~UP
10-2261~UP 12-8756~UP

D131106-01 VALVE AR - 3 SECTION - LTZ

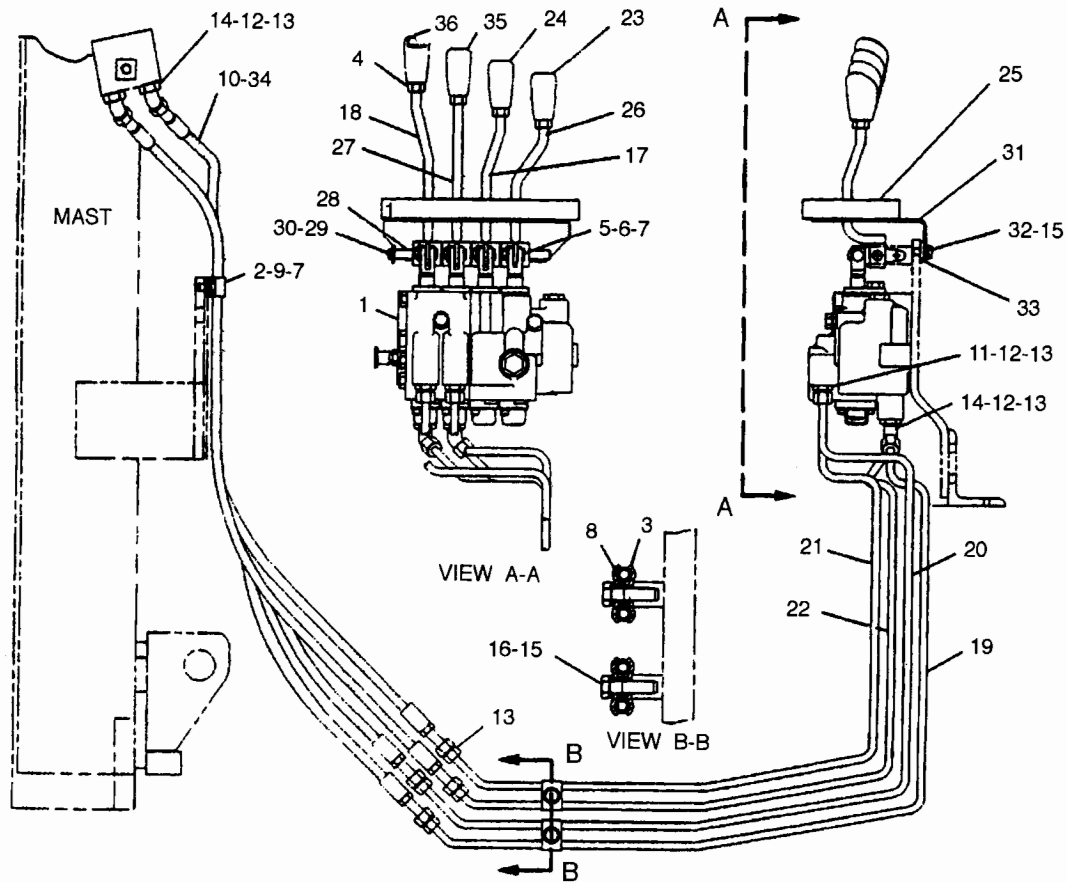
D144376 - Page 154.2

An Attachment

- 151.2 - D139175

12.02

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	6R6264	1	VALVE GP-CONTROL 4-WAY		27	863482	1	LEVER AS
	2	7S1912	2	CLIP		28	863478	1	SHAFT AS
C	3	D900028	4	CLAMP		29	7X0620	1	WASHER-HARD
	4	8T4244	4	LOCKNUT		30	6V4298	1	BOLT (M5X0.8THD)
	5	6V8758	4	PIN-CLEVIS		31	909325	1	PLATE
	6	3B4615	4	PIN-COTTER		32	8T4189	2	BOLT
	7	8T4121	6	WASHER		33	7X0613	2	WASHER-HARD
	8	4H2804	2	SPACER		34	6R6371	2	HOSE AS
	9	8T4191	2	BOLT		35	5I0219	1	KNOB-SIDESHIFT
	10	6R6369	2	HOSE AS		35	D131003	1	KNOB-S/S
	11	6V8634	2	CONNECTOR		36	D131004	1	KNOB-LOADER FILL
	12	3K0360	8	SEAL-O-RING			D131005	1	KNOB-ROTATE CW
	13	6V8397	12	SEAL-FACE			D131006	1	KNOB-STABILIZER
	14	6V9876	6	ELBOW			D131007	1	KNOB-CLAMP HOSE
	15	8T4224	4	WASHER					
	16	8T7547	2	BOLT					
	17	863481	1	LEVER AS					
	18	863483	1	LEVER AS					
	19	8Q7064	1	TUBE AS					
	20	6R6978	1	TUBE AS					
	21	6R6980	1	TUBE AS					
	22	8Q7063	1	TUBE AS					
	23	D131001	1	KNOB-RAISE					
	24	D131002	1	KNOB-TILT					
	25	6R6878	1	INSULATION-VALVE					
	26	863480	1	LEVER AS					

Y-SEPARATE ILLUSTRATION
C-CHANGED

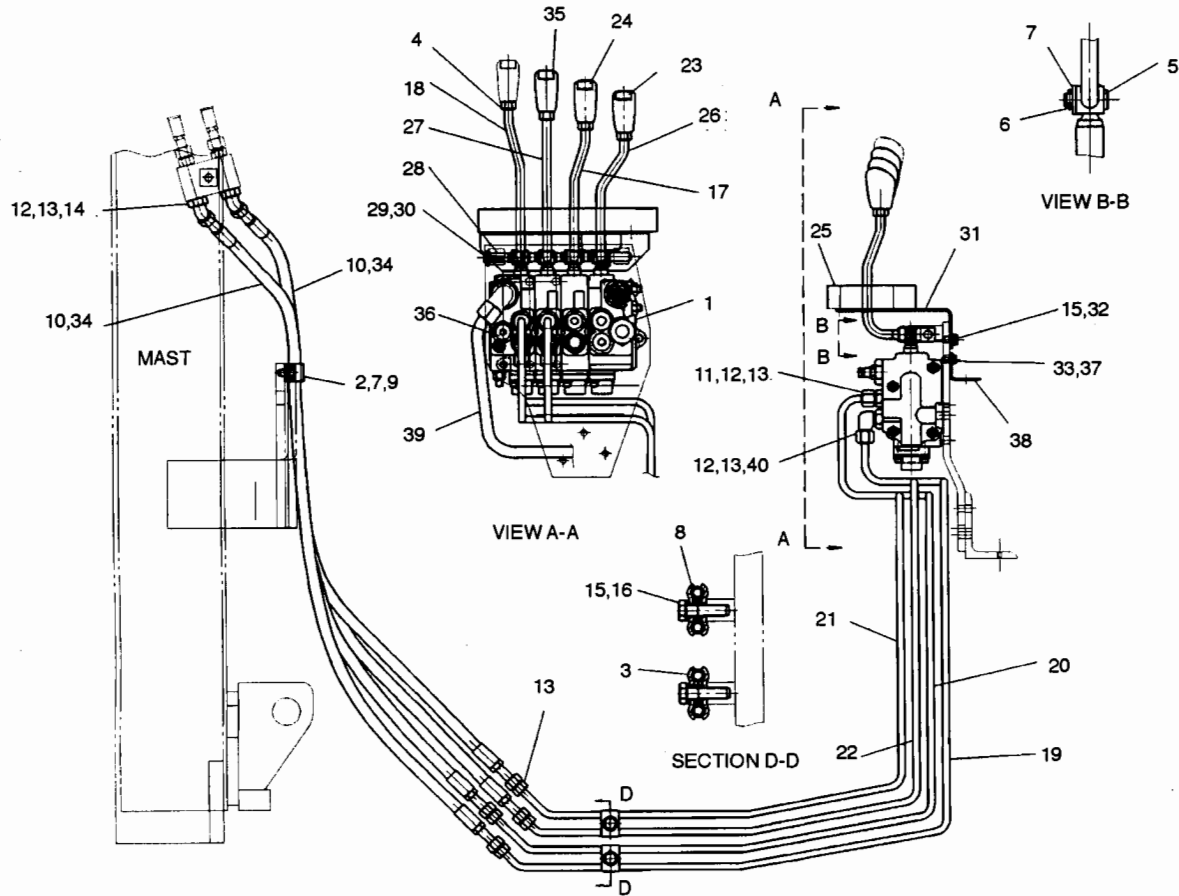
09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4682

D131024 VALVE AR - 4 SECTION - CMC

6R6264 - Page 156
An Attachment

12.021

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D144362	1	VALVE GP		27	D131125	1	LEVER AS
	2	7S1912	2	CLIP		28	863478	1	SHAFT AS
	3	D900028	4	CLAMP		29	7X0620	1	WASHER
	4	8T4244	4	NUT		30	6V4298	1	BOLT
	5	D131121	4	PIN		31	D131129	1	PLATE
	6	3B4615	4	COTTER		32	8T4200	2	BOLT
	7	8T4121	6	WASHER		33	8T4205	2	WASHER
	8	4H2804	2	SPACER		34	6R6371	2	HOSE AS
	9	8T4191	2	BOLT		35	D131003	1	KNOB
	10	6R6369	2	HOSE AS		36	D144363	1	RELIFT VALVE AS(2.0 TON)
	11	6V8634	2	CONNECTOR			D144364	1	RELIFT VALVE AS(2.5 TON)
	12	3K0360	8	SEAL			D144365	1	RELIFT VALVE AS(3.0 TON)
	13	6V8397	12	SEAL		37	5C9553	2	BOLT
	14	6V9876	6	ELBOW		38	D131177	1	PLATE
	15	8T4224	4	WASHER		39	D131149	1	TUBE AS
	16	8T7547	2	BOLT		40	D902163	2	ELBOW
	17	D131124	1	LEVER AS					
	18	D131126	1	LEVER AS					
	19	D131132	1	TUBE AS					
	20	D131122	1	TUBE AS					
	21	D131130	1	TUBE AS					
	22	D131131	1	TUBE AS					
	23	D131001	1	KNOB-RAISE					
	24	D131002	1	KNOB-TILT					
	25	6R6878	1	INSULATION-VALVE					
	26	D131123	1	LEVER AS					

Y-SEPARATE ILLUSTRATION

09-0617~1140 11-0437~0767
10-1238~2260 12-4683~8755

D131109 VALVE AR - 4 SETION - LTZ

D144362 - Page 156.1

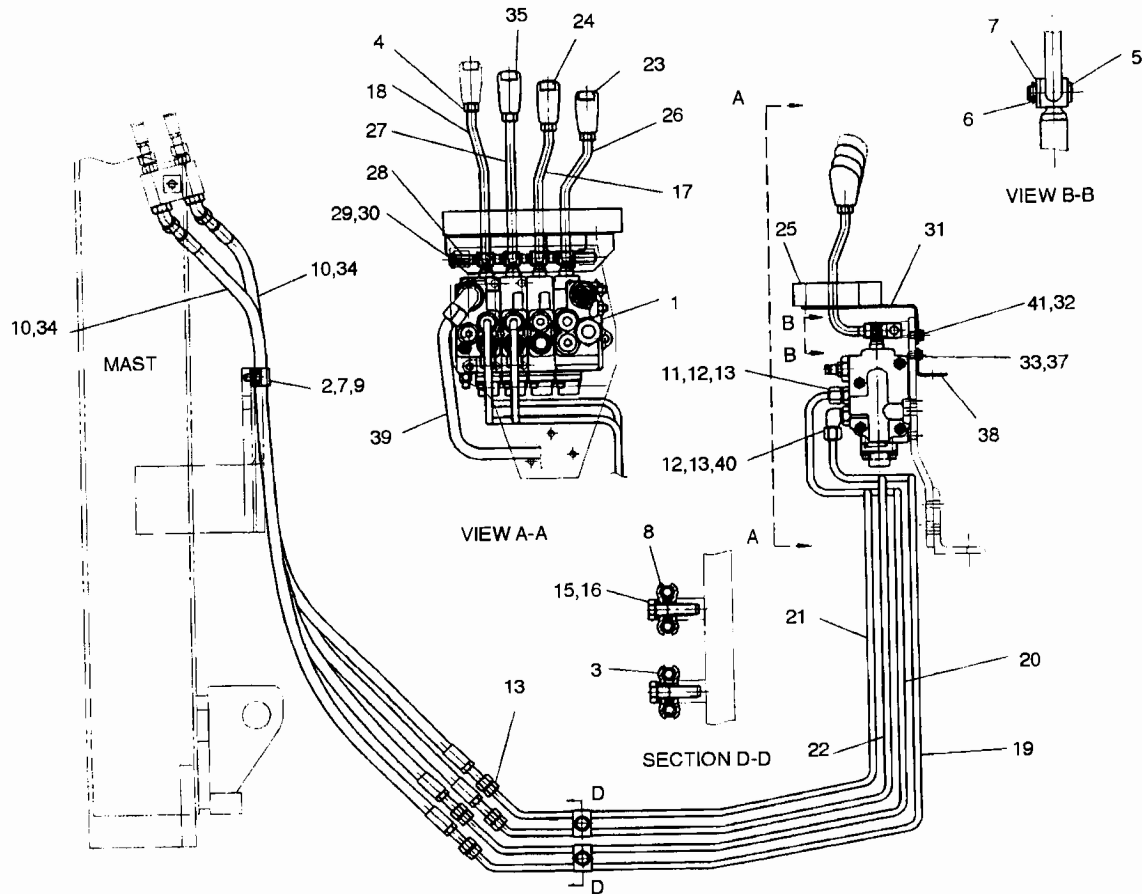
An Attachment

Refer To Fig.12.022

- 152.1 - D139175

12.022

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D144377	1	VALVE GP	28	863478	1	SHAFT AS	
	2	7S1912	2	CLIP	29	7X0620	1	WASHER	
	3	D900028	4	CLAMP	30	6V4298	1	BOLT	
	4	8T4244	4	NUT	31	D131244	1	PLATE	
	5	D131121	4	PIN	32	8T4200	2	BOLT	
	6	3B4615	4	COTTER	33	8T4205	2	WASHER	
	7	8T4121	6	WASHER	34	6R6371	2	HOSE AS	
	8	4H2804	2	SPACER	35	D131003	1	KNOB	
	9	8T4191	2	BOLT	37	5C9553	2	BOLT	
	10	D131311	2	HOSE AS	38	D131177	1	PLATE	
	11	6V8634	2	CONNECTOR	39	D131149	1	TUBE AS	
	12	3K0360	4	SEAL	40	D902163	2	ELBOW	
	13	6V8397	8	SEAL	41	D917168	2	WASHER	
	15	8T4224	2	WASHER					
	16	8T7547	2	BOLT					
	17	D131240	1	LEVER AS					
	18	D131242	1	LEVER AS					
	19	D131132	1	TUBE AS					
	20	D131122	1	TUBE AS					
	21	D131130	1	TUBE AS					
	22	D131131	1	TUBE AS					
	23	D131001	1	KNOB-RAISE					
	24	D131002	1	KNOB-TILT					
	25	6R6878	1	INSULATION-VALVE					
	26	D131239	1	LEVER AS					
	27	D131241	1	LEVER AS					

Y-SEPARATE ILLUSTRATION

09-1141~UP 11-0768~UP
10-2261~UP 12-8756~UP

D131109-01 VALVE AR - 4 SETION - LTZ

D144377 - Page 156

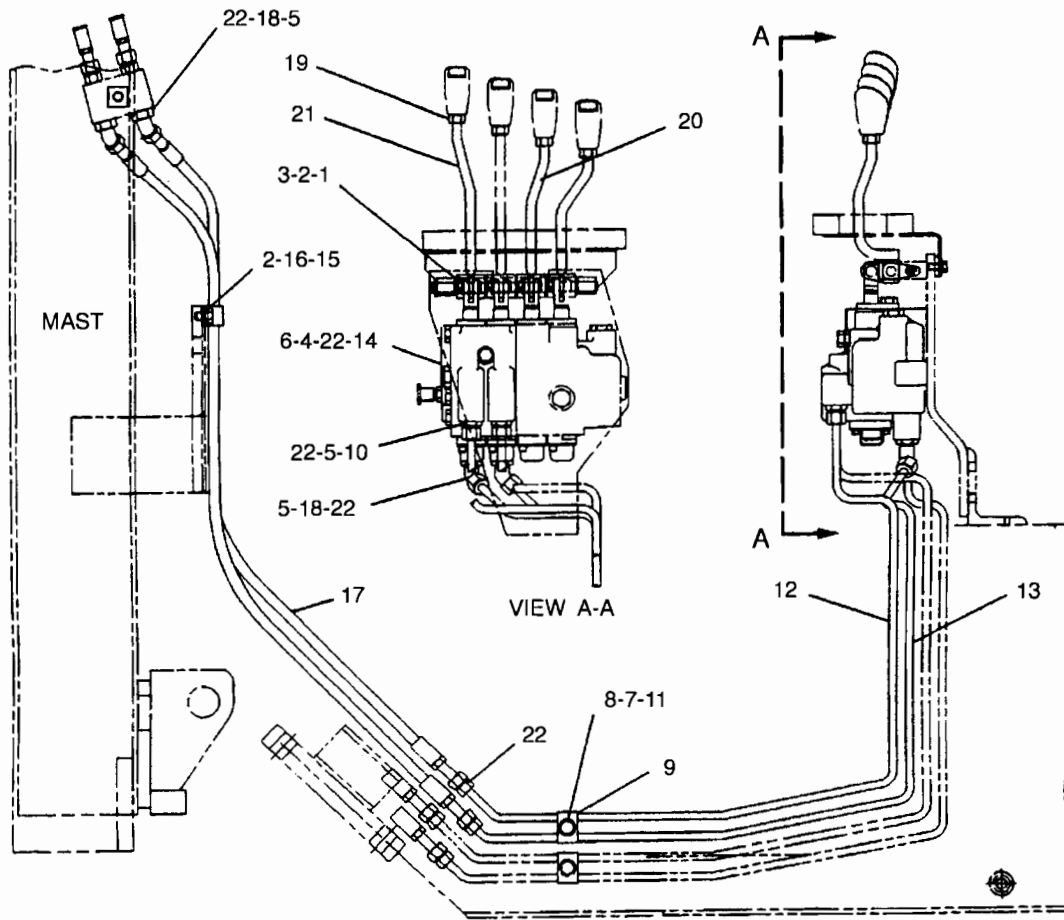
An Attachment

Refer To Fig.12.021

- 152.2 - D139175

12.03

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	3B4615	1	PIN-COTTER					
	2	8T4121	2	WASHER					
	3	6V8758	1	PIN-CLEVIS					
	4	4J5351	1	SEAL-O-RING					
	5	3K0360	4	SEAL-O-RING					
	6	4J5268	2	SEAL-O-RING					
	7	4H2804	1	SPACER					
	8	8T7547	1	BOLT					
	9	D900028	2	CLAMP					
	10	6V8634	1	CONNECTOR					
	11	8T4224	1	WASHER					
	12	6R6980	1	TUBE AS					
	13	8Q7063	1	TUBE AS					
Y	14	6R6267	1	VALVE GP					
	15	7S1912	1	CLIP					
	16	8T4191	1	BOLT					
	17	6R6371	2	HOSE AS					
	18	6V9876	3	ELBOW					
	19	8T4244	1	LOCKNUT					
	20	863481	1	LEVER AS					
	21	863483	1	LEVER AS					
	22	6V8397	12	SEAL-FACE					

Y-SEPARATE ILLUSTRATION
C-CHANGED

09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4682

D131039 CHANGEOVER AR - 3 WAY TO 4 WAY HYDRAULICS - CMC

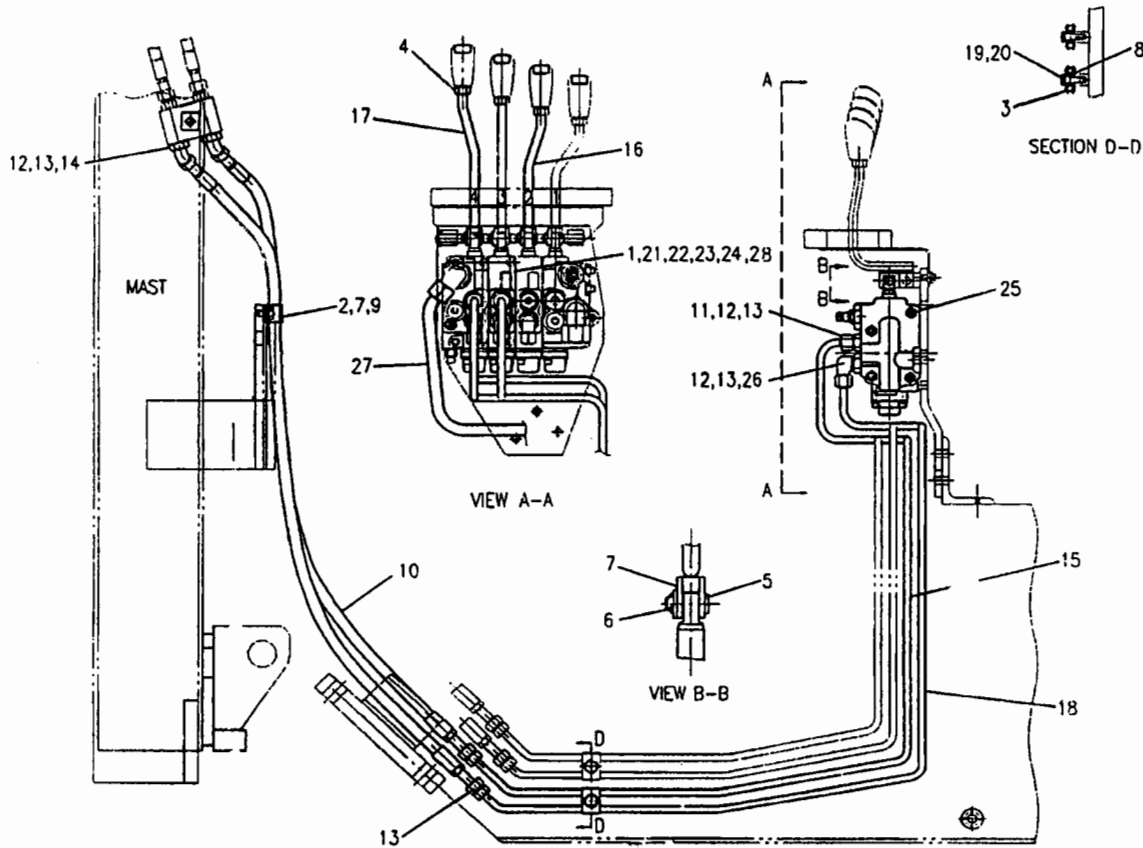
6R6267 - Page 155

An Attachment

Refer To Fig.12.031

12.031

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D516052	1	VALVE GP		27	D131149	1	TUBE AS
	2	7S1912	1	CLIP		28	D144374	6	SEAL-O-RING
	3	D900028	2	CLAMP					
	4	8T4244	1	LOCKNUT					
	5	D131121	1	PIN					
	6	3B4615	1	PIN-COTTER					
	7	8T4121	2	WASHER					
	8	4H2804	1	SPACER					
	9	8T4191	4	BOLT					
	10	6R6371	6	HOSE AS					
	11	6V8634	2	CONNECTOR					
	12	3K0360	4	SEAL-O-RING					
	13	6V8397	6	SEAL-FACE					
	14	6V9876	2	ELBOW					
	15	D131122	1	TUBE AS					
	16	D131124	1	LEVER AS					
	17	D131126	1	LEVER AS					
	18	D131132	1	TUBE AS					
	19	8T7547	1	BOLT					
	20	8T4224	1	WASHER					
	21	D144369	2	SEAL					
	22	D144370	2	SEAL					
	23	D144371	2	O-RING					
	24	D516053	2	RETAINER					
	25	D516050	4	KIT-STUD (4 SPOOL)					
	26	D902163	1	ELBOW					

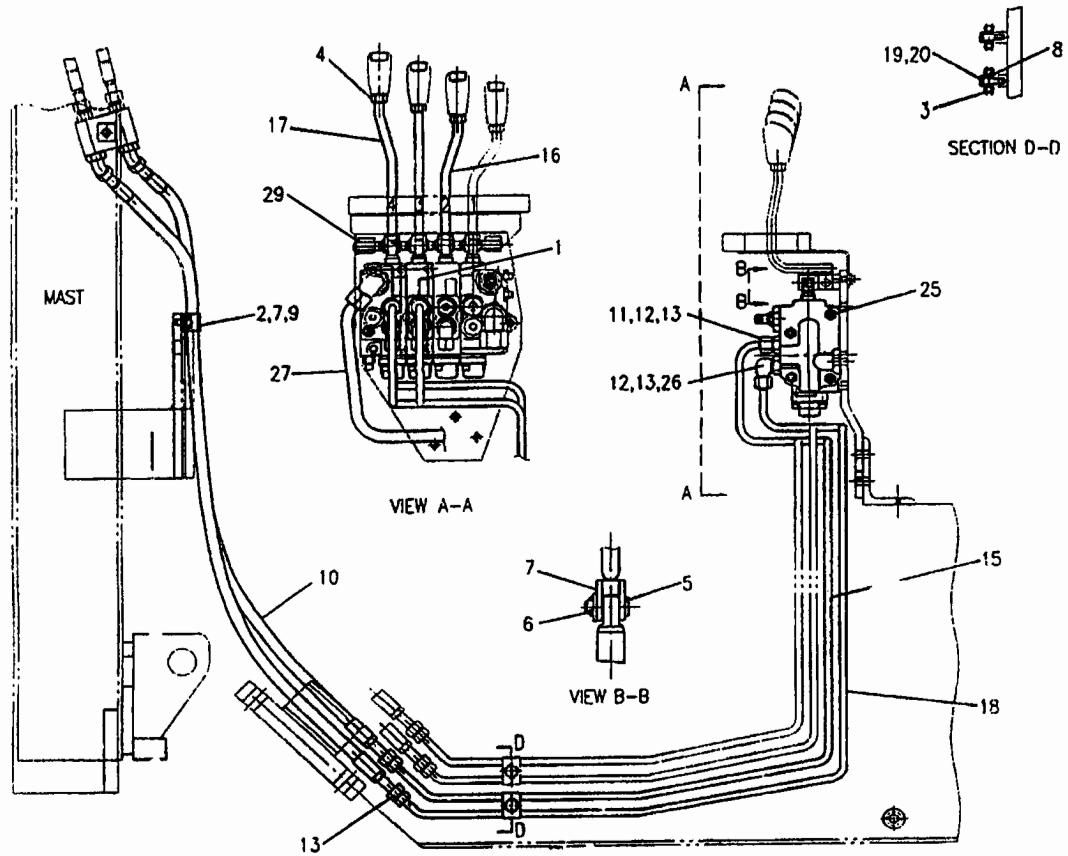
Y-SEPARATE ILLUSTRATION

09-0617~1140 11-0437~0767
10-1238~2260 12-4683~8755

D131178 CHANGEOR AR - 3 WAY TO 4 WAY HYDRAULICS - LTZ
Refer To Fig.12.03

12.032

HYDRAULIC SYSTEM



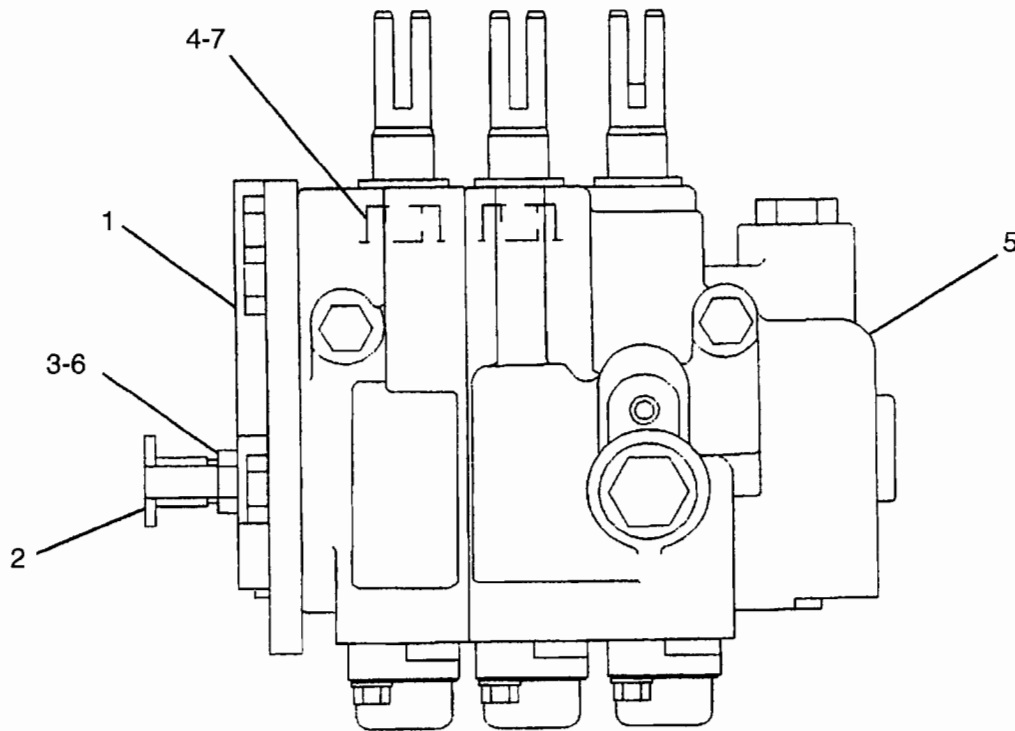
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D516052	1	VALVE GP-3WAY					
	2	7S1912	1	CLIP					
	3	D900028	2	CLAMP					
	4	8T4244	1	LOCKNUT					
	5	D131121	1	PIN					
	6	3B4615	1	PIN-COTTER					
	7	8T4121	2	WASHER					
	8	4H2804	1	SPACER					
	9	8T4191	1	BOLT					
	10	6R6371	2	HOSE AS					
	11	6V8634	1	CONNECTOR					
	12	3K0360	2	SEAL-O-RING					
	13	6V8397	4	SEAL-FACE					
	15	D131122	1	TUBE AS					
	16	D131240	1	LEVER AS					
	17	D131242	1	LEVER AS					
	18	D131132	1	TUBE AS					
	19	8T7547	1	BOLT					
	20	8T4224	1	WASHER					
	25	D516050	4	KIT-STUD (4 SPOOL)					
	26	D902163	1	ELBOW					
	27	D131149	1	TUBE AS					
	29	D516099	1	VALVE GP-4WAY					

09-1141~UP 11-0768~UP
10-2261~UP 12-8756~UP

D131178-01 CHANGEOVER AR - 3 WAY TO 4 WAY HYDRAULICS - LTZ
An Attachment

12.04

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	987296	1	VALVE GP			6R8131	3	KIT-WIPER SEAL (INCLUDES WIPER & SEALING RING)
	2	6V0852	1	CAP-DUST			6R8149	1	KIT-LIFT POPPET (INCLUDES PLUG, SEAL, SPRING & POPPET)
	3	6V3965	1	NIPPLE AS			6R8150	1	KIT-RELIEF VALVE AS (INCL SCREW, NUT, SHIM KIT, SPRING & POPPET)
	4	929088	2	VALVE AS			6R8152	1	KIT-HYDROSTAT R/V (INCL PLUG, SEAL, VALVE STEM & SPRING)
	5	987295	1	VALVE GP					
		3J7354	1	SEAL-O-RING					
		8Q5421	2	SPRING					
		8Q5422	4	WASHER					
		8Q5423	1	SPRING					
	6	3J1907	1	SEAL-O-RING					
	7	3K0360	2	SEAL-O-RING					
				THE FOLLOWING REPAIR KITS ARE AVAILABLE :					
		926289	1	KIT-SEAL (INCLUDES PACKING, SLEEVES, RETAINERS, RING & PILOT-TUBE)					
		926291	3	KIT-SEAL (INCLUDES RING, PILOT-TUBE, PACKING & SLEEVE)					
		6R8130	3	KIT-DUST COVER (INCLUDES COVER, SCREWS & WASHERS)					

Y-SEPARATE ILLUSTRATION

09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4682

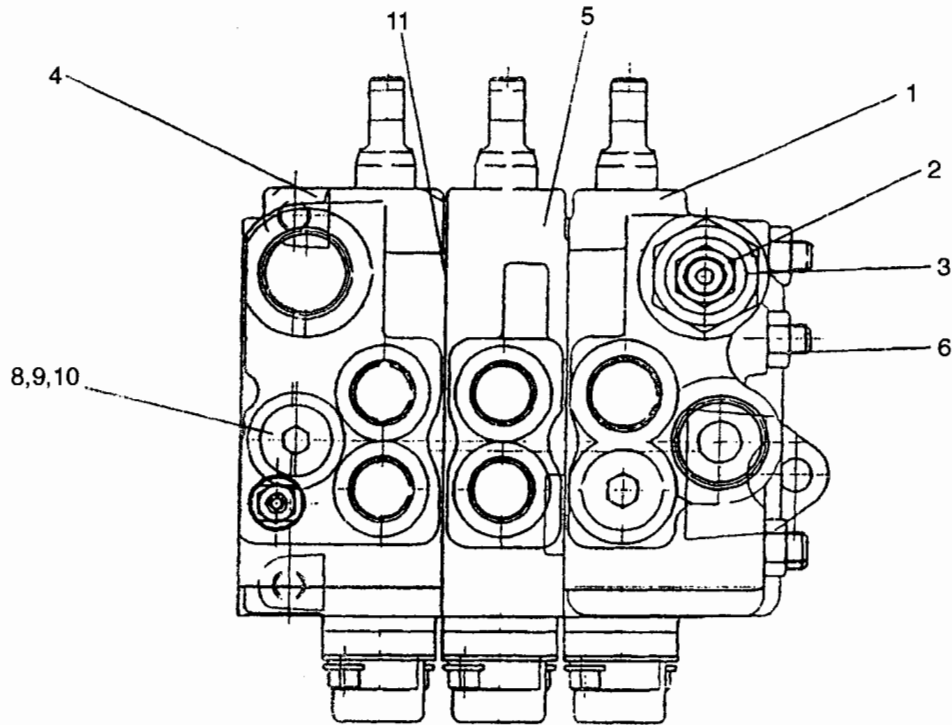
987293 VALVE GP - CONTROL - 3 WAY - CMC

987296 - Page 155

Part Of 510085 Valve Ar - 3 Section
An Attachment

12.041

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D516042	1	VALVE GP(OUTLET SECTION)					
	2	6V0852	1	CAP-DUST					
	3	6V3965	1	NIPPLE AS					
	4	D516044	1	VALVE GP(INLET SECTION)-3					
	5	D516051	1	VALVE GP					
	6	D516059	4	NUT					
	8	D516063	1	SPRING					
	9	D516064	1	O-RING					
	10	D516065	1	PLUG					
	11	D516053	2	RETAINER					
		D516049	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE :					
				KIT-STUD (3 SPOOL)					
				(INCLUDES ONE SLOTTED STUD AND THREE STANDARD					
		D516055	1	KIT-SEAL (3 SPOOL)					
				(INCLUDES RETAINERS, RING, SEALS)					
		D516057	1	KIT-SEAL (FOR SPOOL)					
				RING, SEALS & SLEEVES FOR SPOOL)					
		D516058	1	KIT-ADJ R/V					
				(SET SCREW, NUT, PLUG, PISTON, O-RING, SPRING & POPPET)					

A-D144361 VALVE GP DOES NOT CONTAIN THE RELIEF VALVE ASS'Y
(RELIEF VALVE IS THE SEPARATE ITEM)

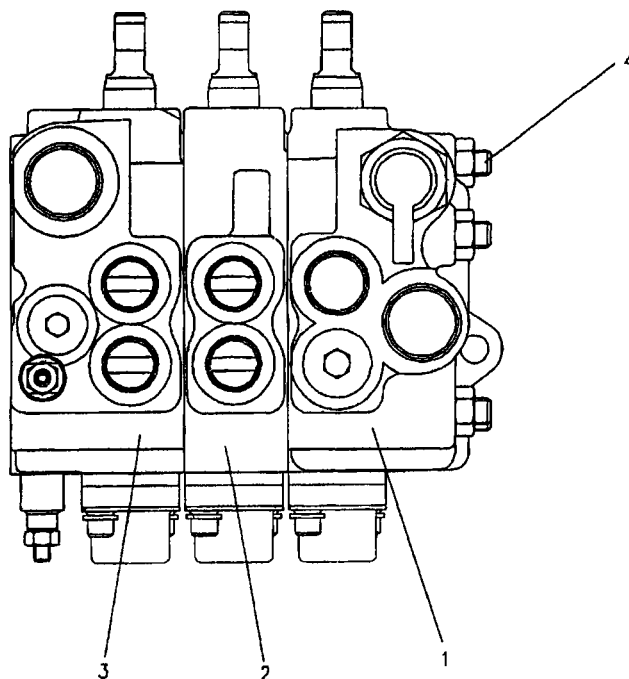
09-0617~1140 11-0437~0767
10-1238~2260 12-4683~8755

D144361 VALVE GP - CONTROL - 3 WAY - LTZ

Refer To Fig.12.042

12.042

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D516042	1	VALVE GP					THE FOLLOWING REPAIR KITS IS AVAILABLE :
		6V0852	1	CAP-DUST					
		6V3965	1	NIPPLE AS					
		S8040061	1	SEAL-O-RING			D516046	2	KIT-SEAL (INCLUDES RINGS, SEALS & RETAINERS)
	2	D516051	1	VALVE GP					
		D516053	2	RETAINER			D516047	1	KIT-SEAL LIFT (INCLUDES RINGS, & SEALS)
	3	D516098	1	VALVE GP			D516055	1	KIT-SEAL (INCLUDES RINGS, SEALS & RETAINERS)
		D516053	1	RETAINER					
		D516064	1	VALVE GP			D516057	3	KIT-SEAL, SPOOL (INCLUDES RINGS, SEALS & SLEEVES FOR SPOOL)
		D144378	1	RETAINER					
		D516058	2	KIT-ADJ.R/V					
	4	D516049	1	KIT-TIE STUD-3					
09-1141~UP 11-0768~UP 10-2261~UP 12-8756~UP									

D144376 VALVE GP - CONTROL 3 WAY - LTZ
Refer To Fig.12.041

12.05

HYDRAULIC SYSTEM

1	929084	VALVE AS-FLOW CONTROL
1	929085	VALVE AS-FLOW CONTROL
1	929086	VALVE AS-FLOW CONTROL
1	929087	VALVE AS-FLOW CONTROL
1	929088	VALVE AS
1	929089	VALVE AS-FLOW CONTROL
1	929090	VALVE AS
1	929091	VALVE AS

1	8Q5421	SPRING
2	8Q5422	WASHER

THE FOLLWING REPAIR KITS ARE AVAILABLE :

1	6R8150	KIT-RELIEF VALVE AS (INCLUDES ADJUSTMENT SCREW, STOP NUT, PISTON-SEAL, ORING, POPPET, BALL, SPRING & SHIM KIT)
1	905961	KIT-SEAL FLOW CONTROL (INCLUDES SEALS & BACKUP RINGS)
1	926291	KIT-SEAL (INCLUDES PACKING-PREFORMED, PACKING, SLEEVE, WIPER RING & PILOT-TUBE(CMC))
1	926289	KIT-SEAL (INCLUDES PACKING, RETAINERS, SLEEVE, PACKING-PREFORMED, WIPER RING & PILOT-TUBE(CMC))

987296 VALVE GP - CONTROL
Optional Replacement Valves
Part Of 987293 Valve - Control
An Attachment

12.06

1	929084	VALVE AS-FLOW CONTROL
1	929085	VALVE AS-FLOW CONTROL
1	929086	VALVE AS-FLOW CONTROL
1	929087	VALVE AS-FLOW CONTROL
1	929088	VALVE AS
1	929089	VALVE AS-FLOW CONTROL
1	929090	VALVE AS
1	929091	VALVE AS

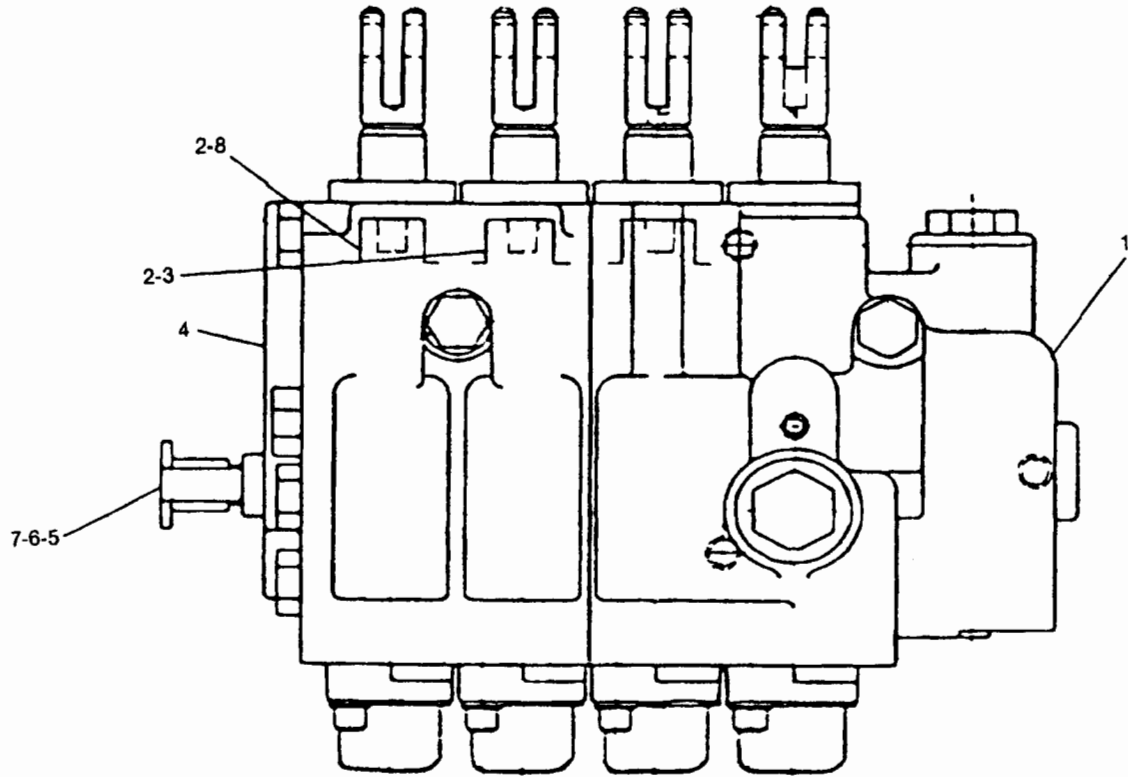
THE FOLLWING REPAIR KITS ARE AVAILABLE :

1	926290	KIT-SEAL (INCLUDES PACKING, SLEEVES, WIPER RING, PACKING-PREFORMED & PLOT-TUBE (CMC))
2	926291	KIT-SEAL (INCLUDES PACKING-PREFORMED, PACKING, SLEEVES, WIPER RING, PLOT-TUBE (CMC))

6R6267 VALVE GP - CONTROL
Optional Replacement Valves
Part Of 510092 Changover Ar
An Attachment

12.07

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	987295	1	VALVE GP			6R8131	4	KIT-WIPER SEAL (INCLUDES WIPER & SEALING RING)
		3J7354	1	SEAL-O-RING			6R8149	1	KIT-LIFT POPPET (INCLUDES PLUG, SEAL, SPRING & POPPET)
		8Q5421	2	SPRING			6R8150	1	KIT-RELIEF VALVE AS (INCLUDES SCREW, NUT, SHIM KIT, SPRING & POPPET)
		8Q5422	4	WASHER			6R8152	1	KIT-HYDROSTAT R/V (INCLUDES PLUG, SEAL VALVE STEM & SPRING)
		8Q5423	1	SPRING					
	2	3K0360	3	SEAL-O-RING					
	3	929088	2	VALVE AS					
	4	6R6267	1	VALVE GP					
	5	6V0852	1	CAP-DUST					
	6	6V3965	1	NIPPLE AS					
	7	3J1907	1	SEAL-O-RING					
	8	929090	1	VALVE AS					
				THE FOLLOWING REPAIR KITS ARE AVAILABLE :					
		926290	1	KIT-SEAL(INCLUDES PACKING, SLEEVES, RETAINERS, RINGS & PILOT-TUBE)					
		926291	4	KIT-SEAL (INCLUDES RING, PILOT-TUBE, PACKING & SLEEVE)					
		6R8130	4	KIT-DUST COVER (INCLUDES COVER, SEREWS & WASHERS)					

Y-SEPARATE ILLUSTRATION

09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4682

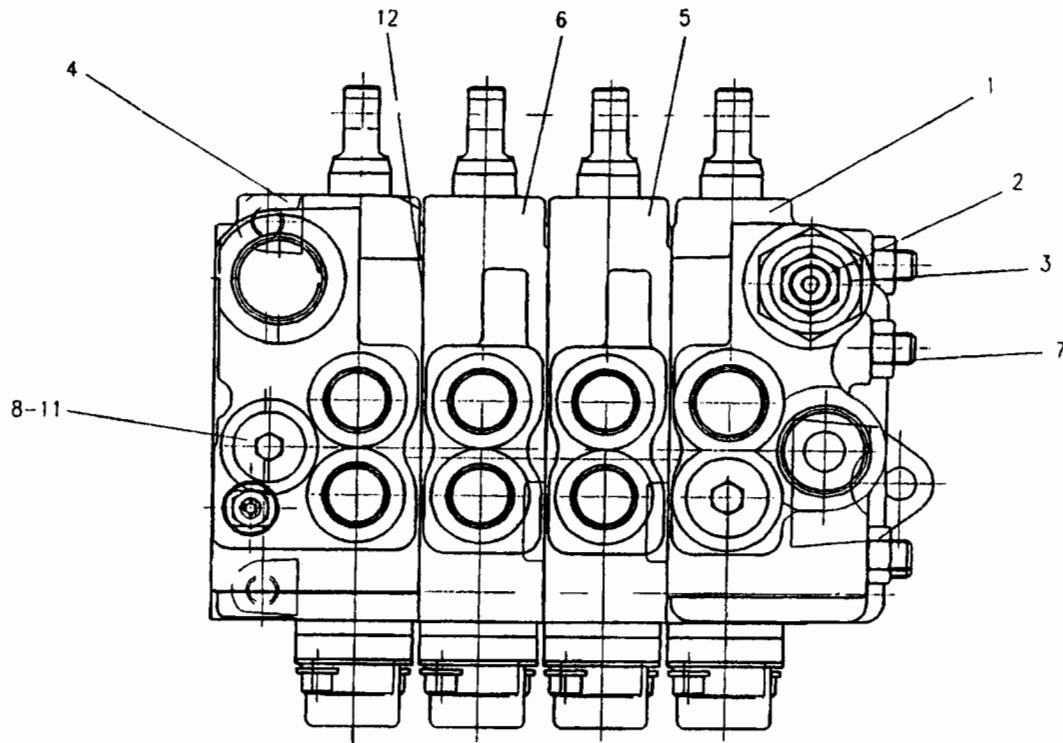
6R6264 VALVE GP - CONTROL 4 WAY - CMC

6R6267 - Page 155

Part Of 510086 Valve Ar - 4 Section
An Attachment

12.071

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
A	1	D516042	1	VALVE GP					THE FOLLOWING REPAIR KIT IS AVAILABLE : KIT-STUD (INCLUDES ONE SLOTTED STUD AND THREE STANDARD STUDS) KIT-SEAL (INCLUDES RETAINERS, RINGS, SEALS) KIT-SEAL (RINGS, SEALS & SLEEVES FOR SPOOL) KIT-ADJ R/V SET SCREW NUT, PLUG, PISTON, O-RING, SPRING & POPPET)
	2	6V0852	1	CAP-DUST			D516050	1	
	3	6V3965	1	NIPPLE AS					
	4	D516045	1	VALVE GP					
	5	D516051	1	VALVE GP					
	6	D516052	4	VALVE GP					
	7	D516059	1	NUT			D516056	1	
	8	-	1	RELIEF VALVE AS - (2.0 TON)					
		-		- (2.5 TON)					
		-		- (3.0 TON)			D516057	3	
	9	D516063	1	SPRING					
	10	D516064	1	O-RING					
	11	D516055	1	PLUG			D516058	1	
	12	D516053	3	RETAINER					

A-D144361 VALVE GP DOES NOT CONTAIN THE RELIEF VALVE ASS'Y (RELIEF VALVE IS THE SEPARATE ITEM)

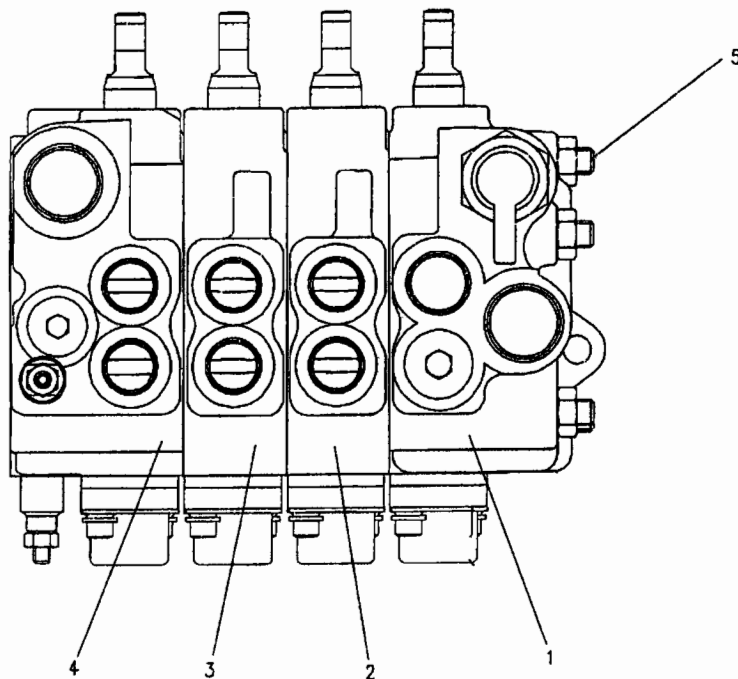
09-0617~1140 11-0437~0767
10-1238~2260 12-4683~8755

D144362 VALVE GP - CONTROL - 4 WAY - LTZ

Refer To Fig.12.072

12.072

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D516042	1	VALVE GP					THE FOLLOWING REPAIR KIT IS AVAILABLE :
		6V0852	1	CAP-DUST					
		6V3965	1	NIPPLE AS					
		S8040061	1	SEAL-O-RING			D516046	3	KIT-SEAL (INCLUDES RINGS, SEALS & RETAINERS)
	2	D516051	1	VALVE GP					
		D516053	1	RETAINER			D516047	1	KIT-SEAL LIFT (INCLUDES RINGS, SEALS)
	3	D516052	1	VALVE GP					
		D516053	1	RETAINER			D516056	1	KIT-SEAL (INCLUDES RINGS, SEALS & RETAINERS)
	4	D516099	1	VALVE GP					
		D516053	1	RETAINER					
		D516064	1	SEAL-O-RING					
		D144378	1	RELIEF VALVE-HYDROSTAT			D516057	4	KIT-SEAL, SPOOL (INCLUDES RINGS, SEALS & SLEEVES FOR SPOOL)
		D516058	2	KIT-ADJ. R/V					
	5	D516050	1	KIT-TIE STUD-4					

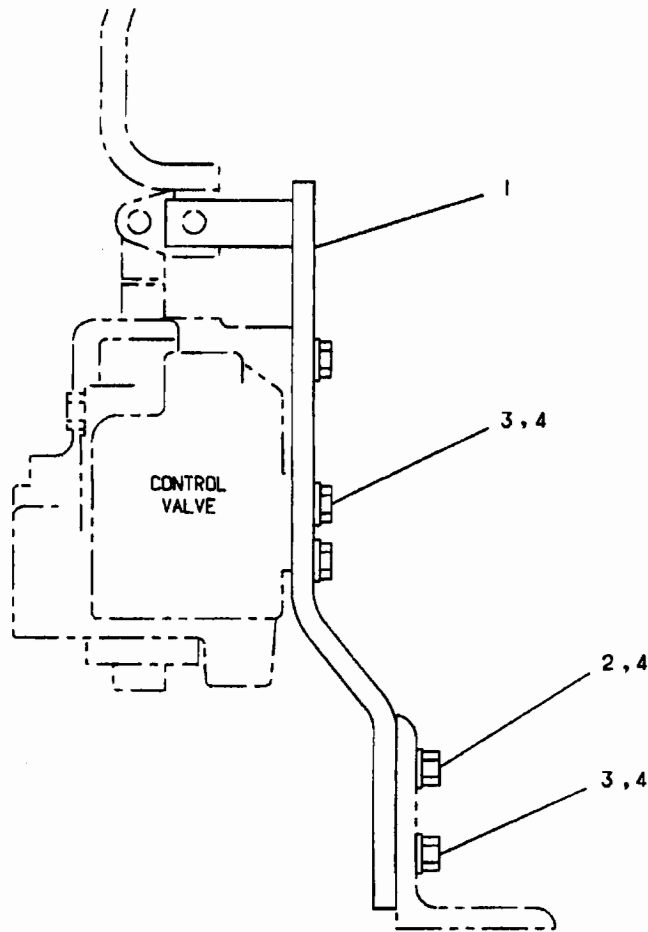
09-1141~UP 11-0768~UP
10-2261~UP 12-8756~UP

D144377 VALVE GP - CONTROL - 4 WAY - LTZ
Refer To Fig.12.071

MEMORANDA

12.08

HYDRAULIC SYSTEM

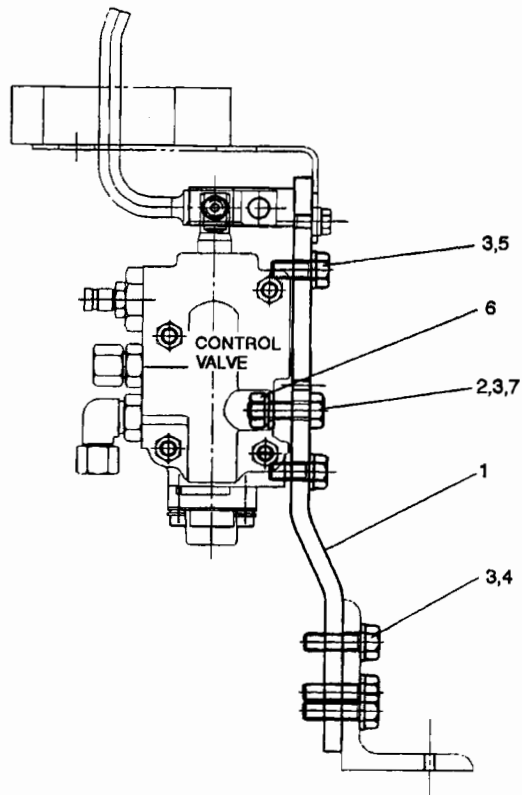


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	D130900	1	BRACKET AS					
	2	7F6998	1	WASHER-LOCK					
	3	8T4196	6	BOLT					
	4	8T4121	5	WASHER					
C-CHANGED					09-0001~0616 11-0001~0436 10-0001~1237 12-0001~4682				

D130901 MOUNTING GP - MAST OPERATING - CMC

12.081

HYDRAULIC SYSTEM



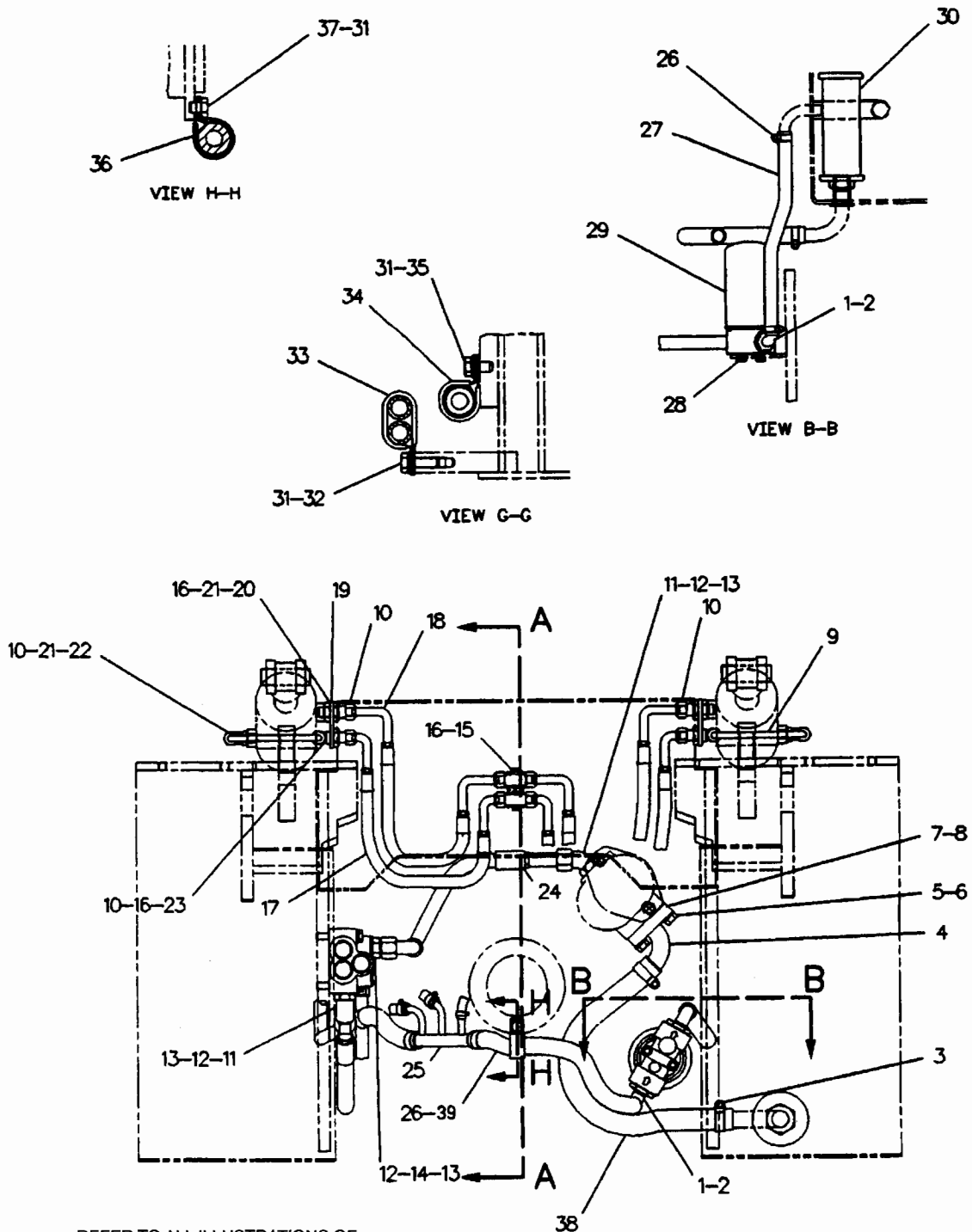
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D131245	1	BRACKET AS					
	2	8T4186	1	BOLT					
	3	8T4121	6	WASHER					
	4	8T4196	3	BOLT					
	5	8T4136	3	BOLT					
	6	8T4133	1	NUT					
	7	S5100603	1	WASHER-SPRING					

09-0617~1140 11-0437~0767
10-1238~2260 12-4683~8755

D131166 MOUNTING GP - VALVE - MAST OPERATING - LTZ

12.09

HYDRAULIC SYSTEM



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

D144411 LINES GP - MAST OPERATING - PART 1 OF 2 - CMC
D144019 - Page 163

12.09

HYDRAULIC SYSTEM

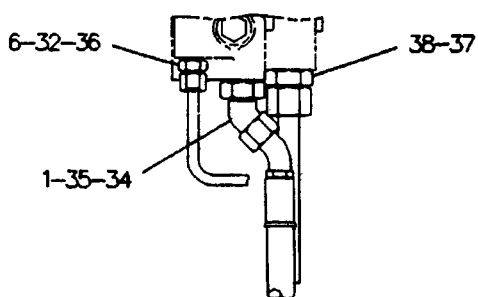
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	328487	2	ELBOW					
	2	3D2824	2	SEAL-O-RING					
	3	9M7958	2	CLAMP					
	4	8T4836	1	STEM AS-ELBOW					
	5	8T8916	4	BOLT					
	6	8T5360	4	WASHER					
	7	1P4578	2	FLANGE					
	8	4J0522	1	SEAL-O-RING					
	9	908467	2	TUBE AS					
	10	6V8397	12	SEAL-FACE					
	11	6V9003	2	ELBOW					
	12	2M9780	3	SEAL-O-RING					
	13	7J9108	3	SEAL-FACE					
	14	6V8642	1	CONNECTOR					
	15	8T0379	2	TEE					
	16	6V9168	6	NUT					
	17	908474	2	HOSE AS					
	18	908473	2	HOSE AS					
	19	908468	2	SUPPORT					
	20	8T0403	2	CONNECTOR-SPECIAL					
	21	3J1907	4	SEAL-O-RING					
	22	6V8724	2	ELBOW					
	23	6V8980	2	ELBOW					
	24	5I0239	1	HOSE AS					
	25	6R7240	1	TUBE AS					
	26	2S3440	4	CLAMP					
E	27	5P0742	79	HOSE-CM					
	28	8T4191	2	BOLT					
Y	29	D144019	1	FILTER GP-HYDRAULIC OIL					
	30	6R7123	1	FILTER AS					
	31	8T4121	3	WASHER					
	32	8T4195	1	BOLT					
	33	6D1641	1	CLIP					
	34	5P7854	1	CLIP					
	35	8T4137	1	BOLT					
	36	4S4455	1	CLIP					
	37	7X2621	1	BOLT					
E	38	6V9997	58	HOSE-CM					

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

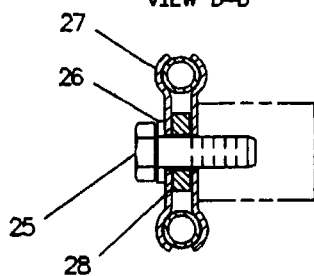
09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4682

12.10

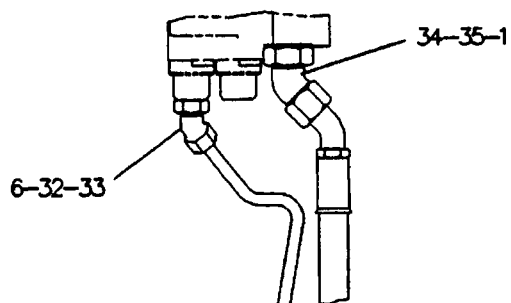
HYDRAULIC SYSTEM



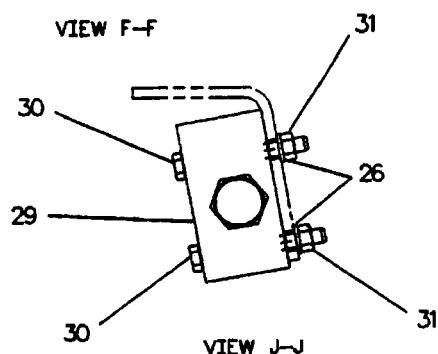
VIEW D-D



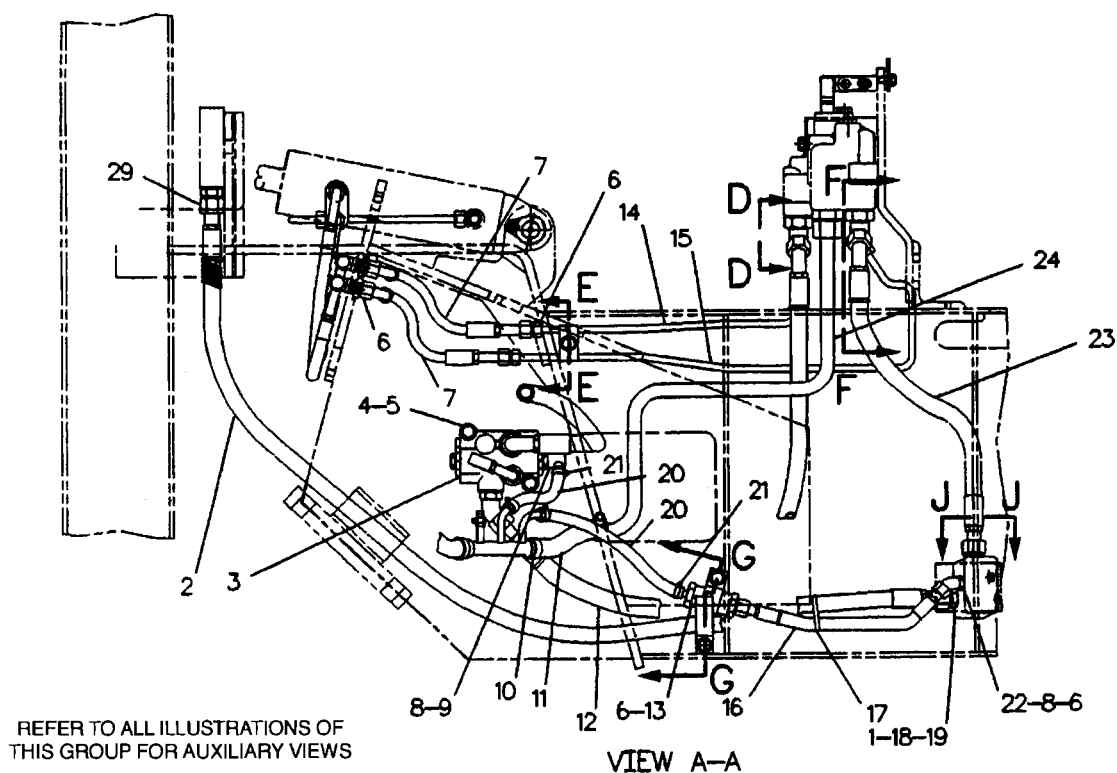
SECTION E-E



VIEW F-F



VIEW J-J



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

VIEW A-A

D144411 LINES GP - MAST OPERATING - PART 2 OF 2 - CMC
Refer To Fig.12.101

12.10

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
EC	1	7J9108	4	SEAL-FACE					
	2	6R6464	1	HOSE AS					
	3	6R6470	1	VALVE-FLOW DIVIDER					
	4	8T4121	2	WASHER					
	5	8T5035	2	BOLT					
	6	6V8397	8	SEAL-FACE					
	7	6R7001	2	HOSE AS					
	8	3J1907	2	SEAL-O-RING					
	9	5P4924	1	ELBOW-O-RING					
	10	2S3440	2	CLAMP					
	11	5P0742	12	HOSE-CMS					
	12	6R5054	1	HOSE AS					
	13	6R7072	1	VALVE AS-CHECK					
	14	D131040	1	TUBE AS					
	15	8Q2215	1	TUBE AS					
	16	6R7111	1	HOSE AS					
	17	6K0806	1	STRAP					
	18	2M9780	1	SEAL-O-RING					
	19	6V8642	1	CONNECTOR					
E	20	5P1425	41	HOSE-CM					
	21	5P4961	4	CLAMP-HOSE					
	22	6V9001	1	ELBOW					
	23	6R5053	1	HOSE AS					
	24	6R6396	1	TUBE AS					
	25	8T4908	1	BOLT					
	26	8T4224	3	WASHER					
	27	6R6902	2	CLAMP					
	28	6R6984	1	SPACER					
	29	6R7230	1	VALVE GP					
	30	8T6870	2	BOLT					
	31	5C7261	2	NUT					
	32	3K0360	2	SEAL-O-RING					
	33	6V9876	1	ELBOW					
	34	D902145	2	ELBOW					
	35	3D2824	2	SEAL-O-RING					
	36	6V8634	1	CONNECTOR					
	37	6V8716	1	CONNECTOR					
	38	7M8485	1	SEAL-O-RING					

E-ORDER BY THE CENTIMETER
C-CHANGED

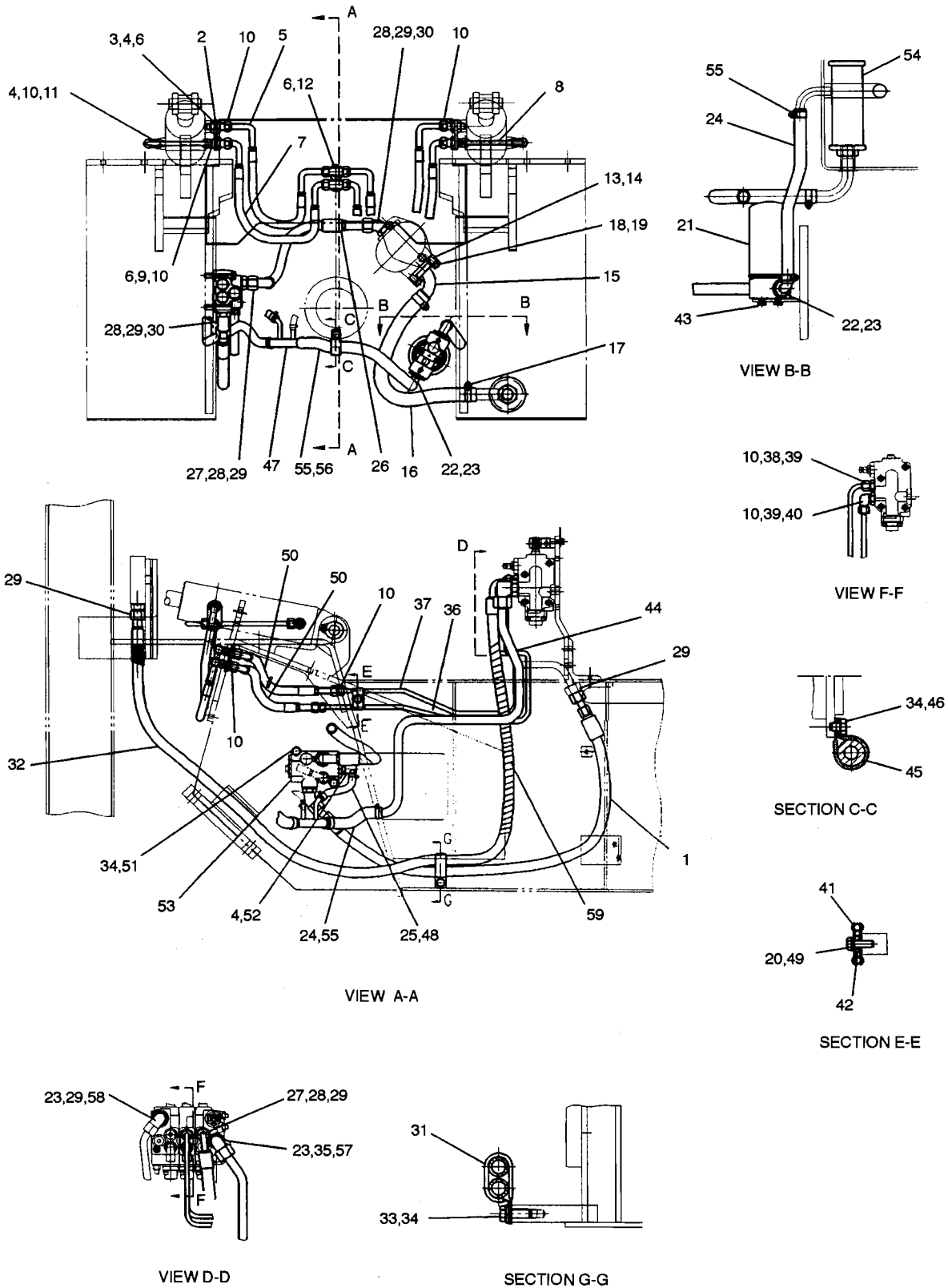
09-0001~0616 11-0001~0436
10-0001~1237 12-0001~4683

D144411 LINES GP - MAST OPERATING - PART 2 OF 2 - CMC

Refer To Fig.12.101

12.101

HYDRAULIC SYSTEM



D131162 LINES GP - MAST OPERATING - LTZ
D144019 - Page 163

12.101

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D131160	1	HOSE AS					
	2	908468	2	SUPPORT					
	3	8T0403	2	UNION					
	4	3J1907	5	SEAL					
	5	908473	2	HOSE AS					
	6	6V9168	6	NUT					
	7	908474	2	HOSE AS					
	8	908467	2	TUBE AS					
	9	6V8980	2	ELBOW					
	10	6V8397	18	SEAL					
	11	6V8724	2	ELBOW					
	12	8T0379	2	TEE					
	13	1P4578	2	FLANGE					
	14	4J0522	1	SEAL					
	15	8T4836	1	STEM AS					
E	16	6V9997	58	HOSE					
	17	9M7958	2	CLAMP					
	18	8T8916	4	BOLT					
	19	8T5360	4	WASHER					
	20	8T4908	1	BOLT					
Y	21	D144019	1	FILTER GP					
	22	328487	2	ELBOW					
	23	3D2824	4	SEAL					
	24	5P0742	63	HOSE					
	25	5P4961	2	CLAMP					
	26	5I0239	1	HOSE AS					
	27	6V8642	2	CONNECTOR					
	28	2M9780	4	SEAL					
	29	7J9108	7	SEAL					
	30	6V9003	2	ELBOW					
	31	6D1641	1	CLIP					
	32	D131156	1	HOSE AS					
	33	8T4195	1	BOLT					
	34	8T4121	4	WASHER					
	35	D902164	1	ELBOW					
	36	D131158	1	TUBE AS					
	37	D131157	1	TUBE AS					
	38	6V8634	1	CONNECTOR					
	39	3K0360	2	SEAL					
	40	D902163	1	ELBOW					
	41	6R6902	2	CLAMP					
	42	6R6984	1	SPACER					
	43	8T4191	2	BOLT					
	44	D131197	1	TUBE AS					
	45	4S4455	1	CLIP					
	46	7X2621	1	BOLT					
	47	D131150	1	TUBE AS					
E	48	5P1425	18	HOSE					
	49	8T4224	1	WASHER					
	50	6R7001	2	HOSE AS					
	51	8T5035	2	BOLT					
	52	5P4924	1	ELBOW					
	53	D144025	1	VALVE					
	54	6R7123	1	FILTER AS					
	55	2S3440	6	CLAMP					
E	56	5P6911	31	HOSE					
	57	6V9746	1	SEAL					
	58	8T0404	1	ELBOW					
E	59	D330725	40	PROTECTOR					

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

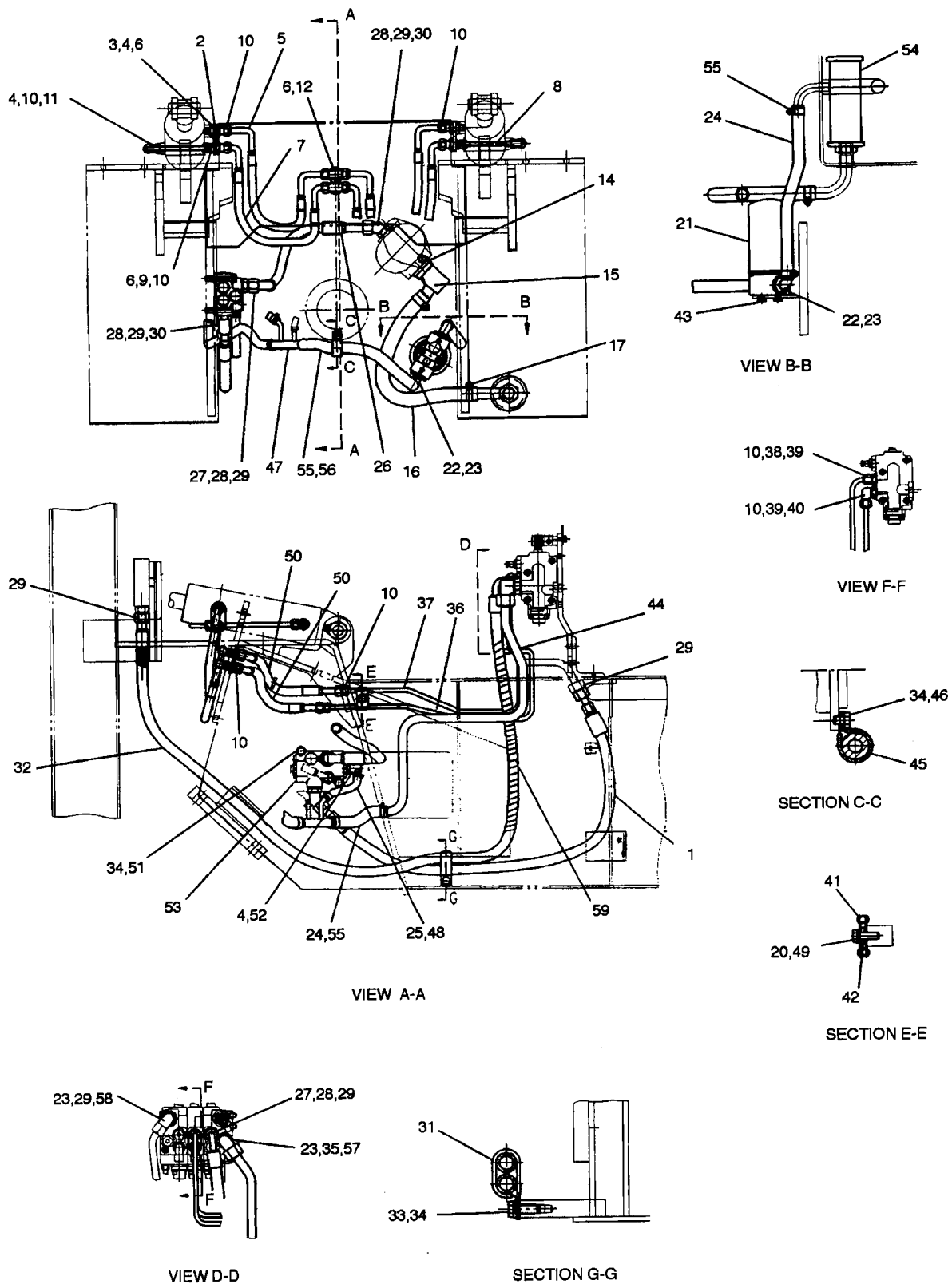
09-0617~1218 11-0437~0793
10-1238~2331 12-4684~9141

D131162 LINES GP - MAST OPERATING - LTZ

D144019 - Page 163

12.102

HYDRAULIC SYSTEM



D131278 LINES GP - MAST OPERATING - LTZ

D144019 - Page 163

Refer To Fig.12.10

12.102

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D131160	1	HOSE AS					
	2	908468	2	SUPPORT					
	3	8T0403	2	UNION					
	4	3J1907	5	SEAL					
	5	D144029	2	HOSE AS					
	6	6V9168	6	NUT					
	7	D144030	2	HOSE AS					
	8	908467	2	TUBE AS					
	9	6V8980	2	ELBOW					
	10	6V8397	18	SEAL					
	11	6V8724	2	ELBOW					
	12	8T0379	2	TEE					
	14	S8040161	1	SEAL					
	15	D500377	1	ELBOW					
E	16	6V9997	55	HOSE					
	17	9M7958	2	CLAMP					
	20	8T4908	1	BOLT					
Y	21	D144019	1	FILTER GP					
	22	328487	2	ELBOW					
	23	3D2824	4	SEAL					
E	24	5P0742	63	HOSE-CM					
	25	5P4961	2	CLAMP					
	26	5I0239	1	HOSE AS					
	27	6V8642	2	CONNECTOR					
	28	2M9780	4	SEAL					
	29	7J9108	7	SEAL					
	30	6V9003	2	ELBOW					
	31	6D1641	1	CLIP					
	32	D131156	1	HOSE AS					
	33	8T4195	1	BOLT					
	34	8T4121	4	WASHER					
	35	D902164	1	ELBOW					
	36	D131158	1	TUBE AS					
	37	D131157	1	TUBE AS					
	38	6V8634	1	CONNECTOR					
	39	3K0360	2	SEAL					
	40	D902163	1	ELBOW					
	41	6R6902	2	CLAMP					
	42	6R6984	1	SPACER					
	43	8T4191	2	BOLT					
	44	D131197	1	TUBE AS					
	45	4S4455	1	CLIP					
	46	7X2621	1	BOLT					
	47	D131150	1	TUBE AS					
E	48	5P1425	18	HOSE-CM					
	49	8T4224	1	WASHER					
	50	D144028	2	HOSE AS					
	51	8T5035	2	BOLT					
	52	5P4924	1	ELBOW					
	53	D144025	1	VALVE					
	54	6R7123	1	FILTER AS					
	55	2S3440	6	CLAMP					
E	56	5P6911	31	HOSE-CM					
	57	6V9746	1	SEAL					
	58	8T0404	1	ELBOW					
E	59	D330725	40	PROTECTOR-CM					

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

09-1219~UP 11-0794~UP
10-2332~UP 12-9142~UP

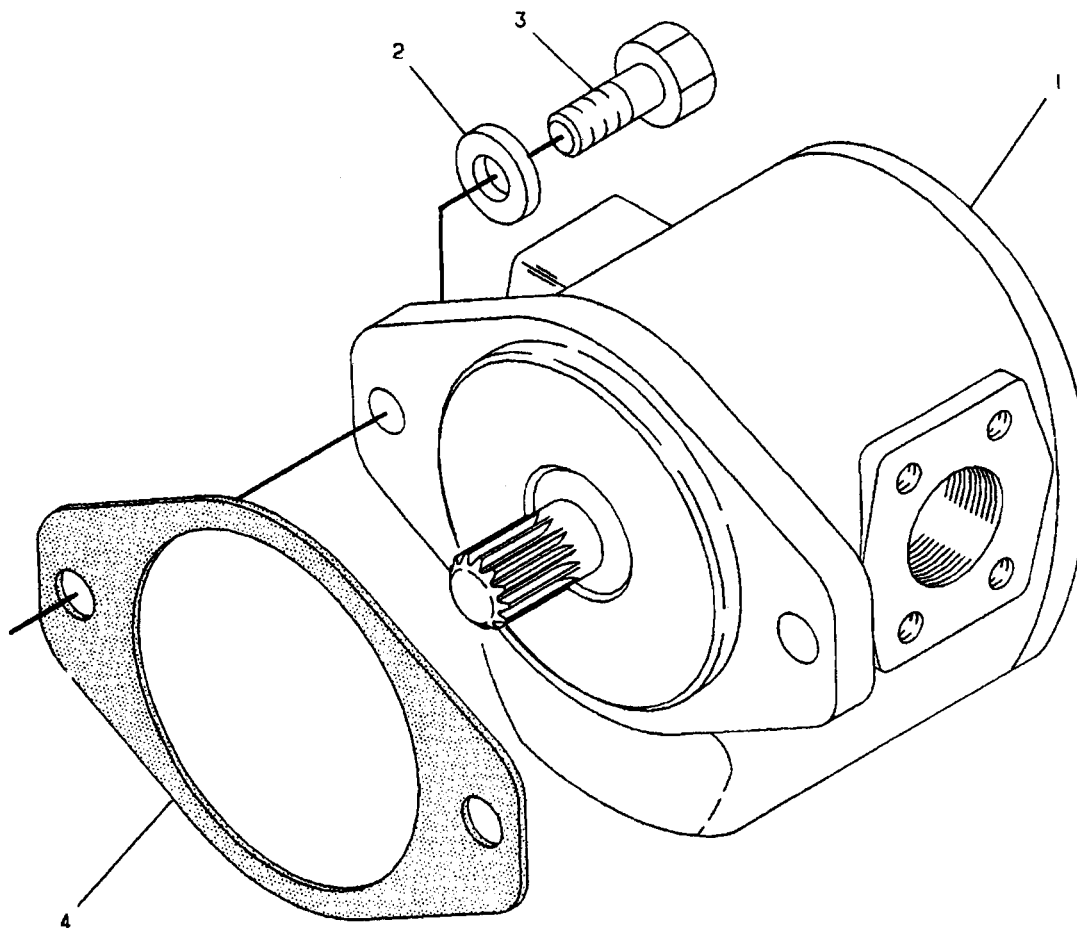
D131278 LINES GP - MAST OPERATING - LTZ

D144019 - Page 163

Refer To Fig.12.10

12.11

HYDRAULIC SYSTEM

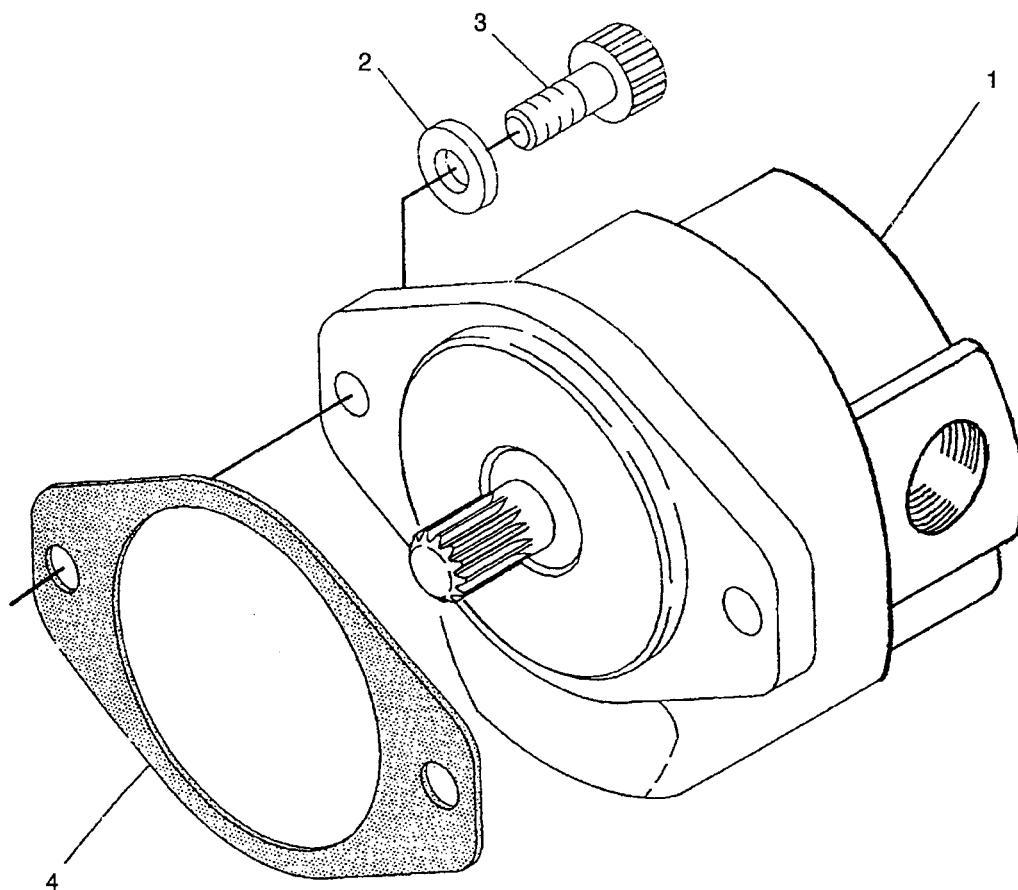


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	918939	1	PUMP GP-GEAR					
		927679	1	KIT-SOFT GOODS					
		927681	1	KIT-GEAR					
		927682	1	FLANGE AS					
	2	8T4896	2	WASHER					
	3	8T4195	2	BOLT					
	4	6D1004	1	GASKET					
09-0001~1218 11-0001~0973 10-0001~2331 12-0001~9141									

908660 PUMP GP - GEAR - MAST OPERATING(1 - SECTION)

12.111

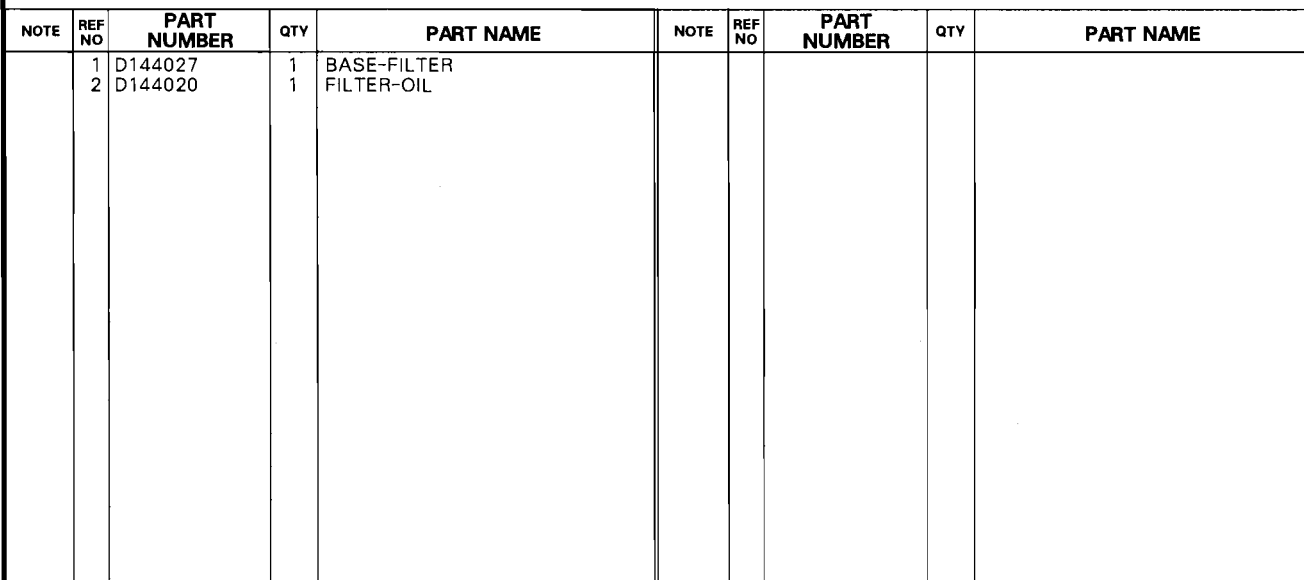
HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D144210	1	PUMP GP-GEAR					
		D144216	1	KIT-SEAL					
	2	8T4896	2	WASHER					
	3	S2212263	2	BOLT					
	4	6D1004	1	GASKET					

09-1219~UP 11-0794~UP
10-2332~UP 12-9142~UP

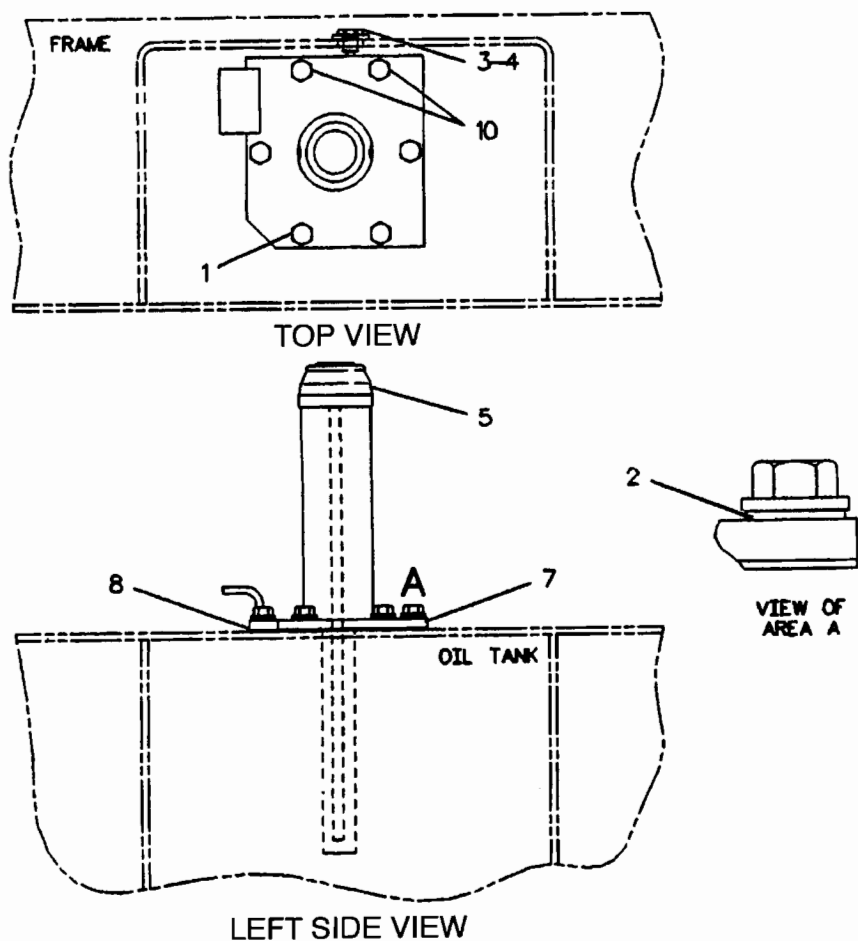
D131275 PUMP GP - GEAR - MAST OPERATING(1 - SECTION)



- 163 - D139175

12.13

HYDRAULIC SYSTEM



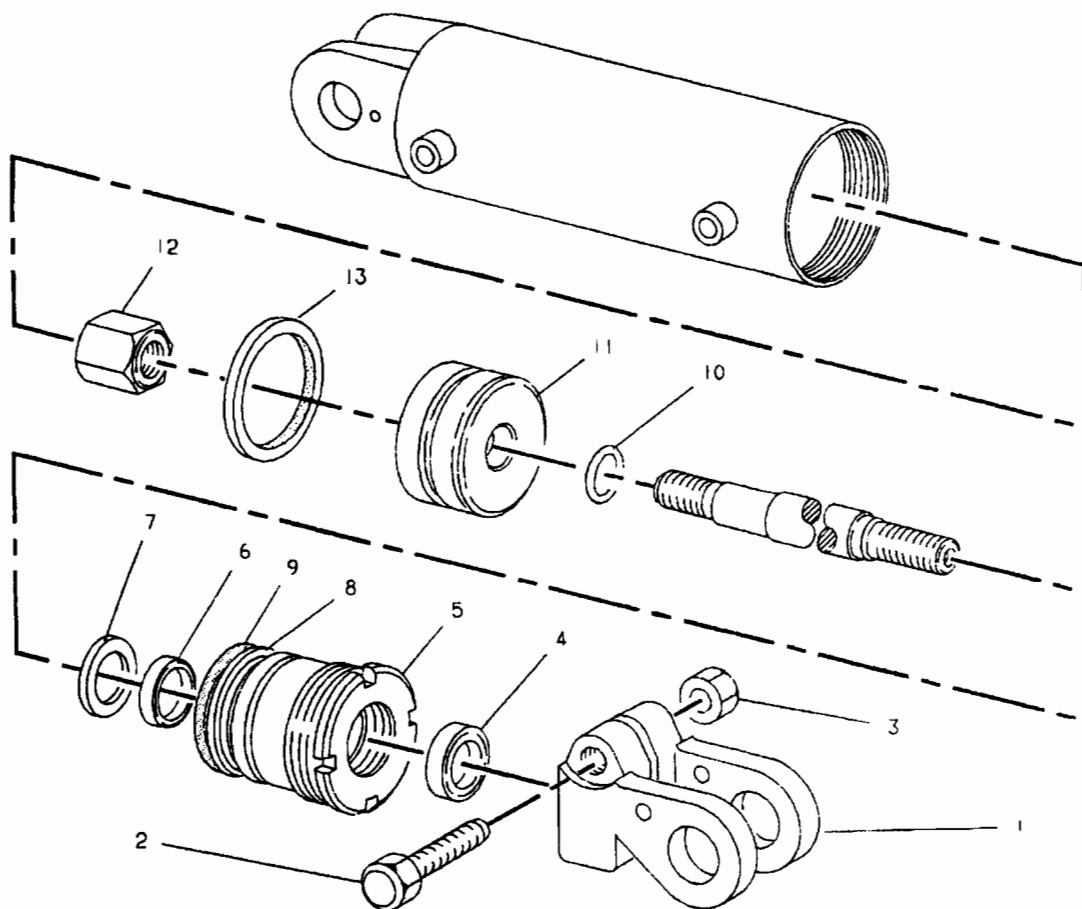
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C C	1	8T4195	4	BOLT					
	2	5L6267	6	WASHER					
	3	316122	1	PLUG-MAGNETIC-O-RING					
	4	3J1907	1	SEAL-O-RING					
	5	D131210	1	CAP AS-OIL					
	7	D130743	1	PLATE AS					
	8	5I0268	1	GASKET					
	10	8T4196	2	BOLT					

C-CHANGED

D130744 GAUGE GP - OIL LEVEL (DIPSTICK)
Hydraulic

12.14

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911067	1	EYE-TILT CYLINDER					
	2	6V7673	1	BOLT					
	3	6V7687	1	NUT-LOCK					
J	4	911156	1	SEAL					
	5	911074	1	HEAD					
J	6	911155	1	SEAL-U-CUP					
J	7	910940	1	SEAL-O-RING					
J	8	6V7664	1	RING-BACK UPPER					
J	9	6V7659	1	SEAL-O-RING					
J	10	6V7656	1	SEAL-O-RING					
	11	911561	1	PISTON					
	12	6V7676	1	NUT					
J	13	911158	1	SEAL AS					
		911726	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : REPACKING GP-TILT (INCLUDES PARTS MARKED J)					

911514 CYLINDER GP - TILT - 2 REQUIRED

Part Of 911518, 910888 Cylinders - Tilt
An Attachment

12.15

HYDRAULIC SYSTEM

		PAGE
1	911518	TILT CYLINDER GP - TILT.....167
1	911697	LIMIT GP-TILT
2	8T2148	SEAL-O-RING
4	911075	SHIM-LIMIT GP
2	911076	SHIM-LIMIT GP
2	911063	SPACER-TILT LIMIT

911519 CYLINDER GP - TILT 2 REQUIRED - STD, FFL, FFT
80 MM(3.1 In) Bore × 112 MM(4.4 In) Stroke
3 Degrees Forward × 8 Degrees Backward
An Attachment

12.16

		PAGE
1	910888	TILT CYLINDER GP - TILT.....168
1	911697	LIMIT GP-TILT
2	8T2148	SEAL-O-RING
4	911075	SHIM-LIMIT GP
2	911076	SHIM-LIMIT GP
2	911063	SPACER-TILT LIMIT

910903 CYLINDER GP - TILT 2 REQUIRED - STD, FFL, FFT
80 MM(3.1 In) Bore × 141 MM(5.5 In) Stroke
6 Degrees Forward × 8 Degrees Backward
An Attachment

12.17

HYDRAULIC SYSTEM

		PAGE
1	911518	TILT CYLINDER GP - TILT.....167
1	911565	LIMIT GP-TILT
2	8T2148	SEAL-O-RING
4	911075	SHIM-LIMIT GP
2	911076	SHIM-LIMIT GP
2	911064	SPACER-TILT LIMIT

911520 CYLINDER GP - TILT 2 REQUIRED - STD, FFL, FFT
80 MM(3.1 In) Bore × 141 MM(3.2 In) Stroke
3 Degrees Forward × 5 Degrees Backward
An Attachment

12.18

		PAGE
1	911514	CYLINDER GP-TILT.....165
1	911515	ROD
1	911433	TUBE AS
1	6R7363	LIMIT GP-TILT
1	6R7362	SPACER
1	8T2148	SEAL-O-RING
2	911075	SHIM-LIMIT GP
1	911076	SHIM-LIMIT GP

911518 CYLINDER GP - TILT 2 REQUIRED - STD, FFL
80 MM(3.1 In) Bore × 133 MM(5.5 In) Stroke
3 Degrees Forward × 10 Degrees Backward
Part Of 911519, 911520, 911187 Cylinders - Tilt
An Attachment

12.19

HYDRAULIC SYSTEM

		PAGE
1	910888	TILT CYLINDER GP - TILT.....168
1	911565	LIMIT GP-TILT
2	8T2148	SEAL-O-RING
4	911075	SHIM-LIMIT GP
2	911076	SHIM-LIMIT GP
2	911064	SPACER-TILT LIMIT

910916 CYLINDER GP - TILT 2 REQUIRED - STD, FFL, FFT
80 MM(3.1 In) Bore × 110 MM(4.3 In) Stroke
6 Degrees Forward × 5 Degrees Backward
An Attachment

12.20

		PAGE
1	911514	CYLINDER GP-TILT.....165
1	911066	ROD
1	911433	TUBE AS
1	6R7363	LIMIT GP-TILT
1	6R7362	SPACER
1	8T2148	SEAL-O-RING
2	911075	SHIM-LIMIT GP
1	911076	SHIM-LIMIT GP

910888 CYLINDER GP - TILT 2 REQUIRED - STD, FFL
80 MM(3.1 In) Bore × 162 MM(6.4 In) Stroke
6 Degrees Forward × 10 Degrees Backward
Part Of 910903, 911188 Cylinders - Tilt
An Attachment

12.21

HYDRAULIC SYSTEM

		PAGE
1	911518	TILT CYLINDER GP - TILT.....167
1	911699	LIMIT GP-TILT
2	8T2148	SEAL-O-RING
4	911075	SHIM-LIMIT GP
2	911076	SHIM-LIMIT GP
2	911182	SPACER-TILT LIMIT

911187 CYLINDER GP - TILT 2 REQUIRED - FFT
80 MM(3.1 In) Bore × 60.5 MM(2.4 In) Stroke
3 Degrees Forward × 3 Degrees Backward
An Attachment

12.22

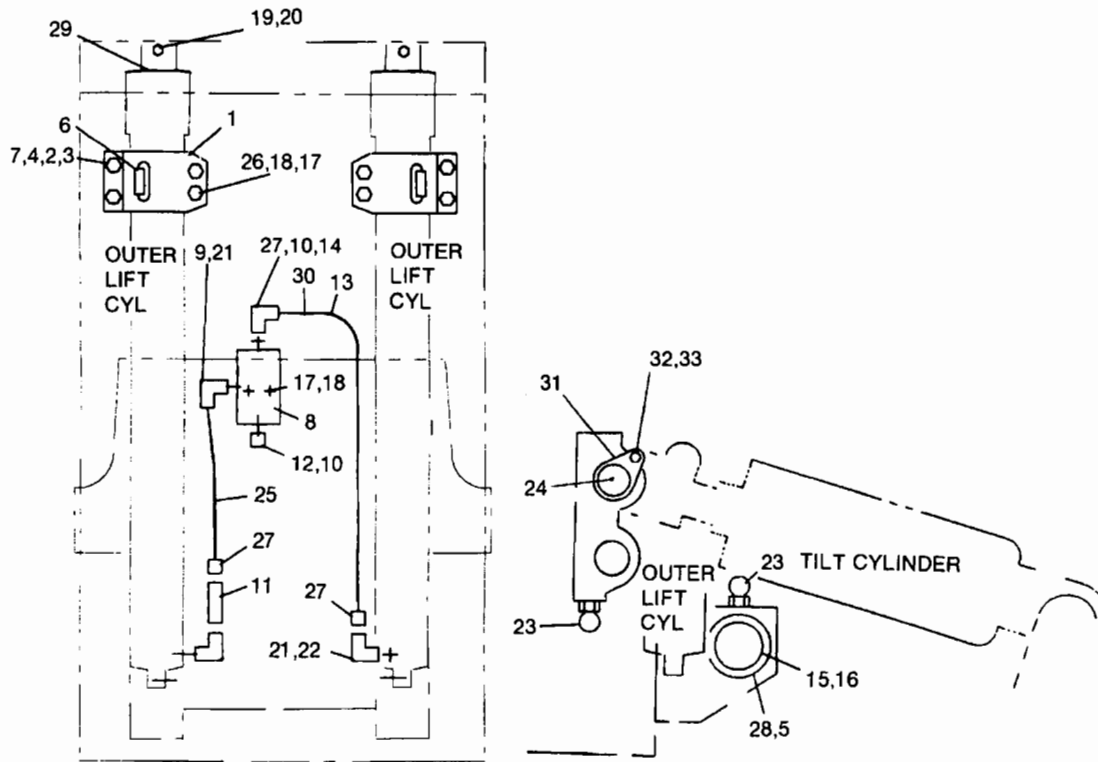
		PAGE
1	910888	TILT CYLINDER GP - TILT.....168
1	911699	LIMIT GP-TILT
2	8T2148	SEAL-O-RING
4	911075	SHIM-LIMIT GP
2	911076	SHIM-LIMIT GP
2	911182	SPACER-TILT LIMIT

911188 CYLINDER GP - TILT 2 REQUIRED - FFT, STD
80 MM(3.1 In) Bore × 110 MM(3.5 In) Stroke
6 Degrees Forward × 3 Degrees Backward
An Attachment

MEMORANDA

12.23

HYDRAULIC SYSTEM



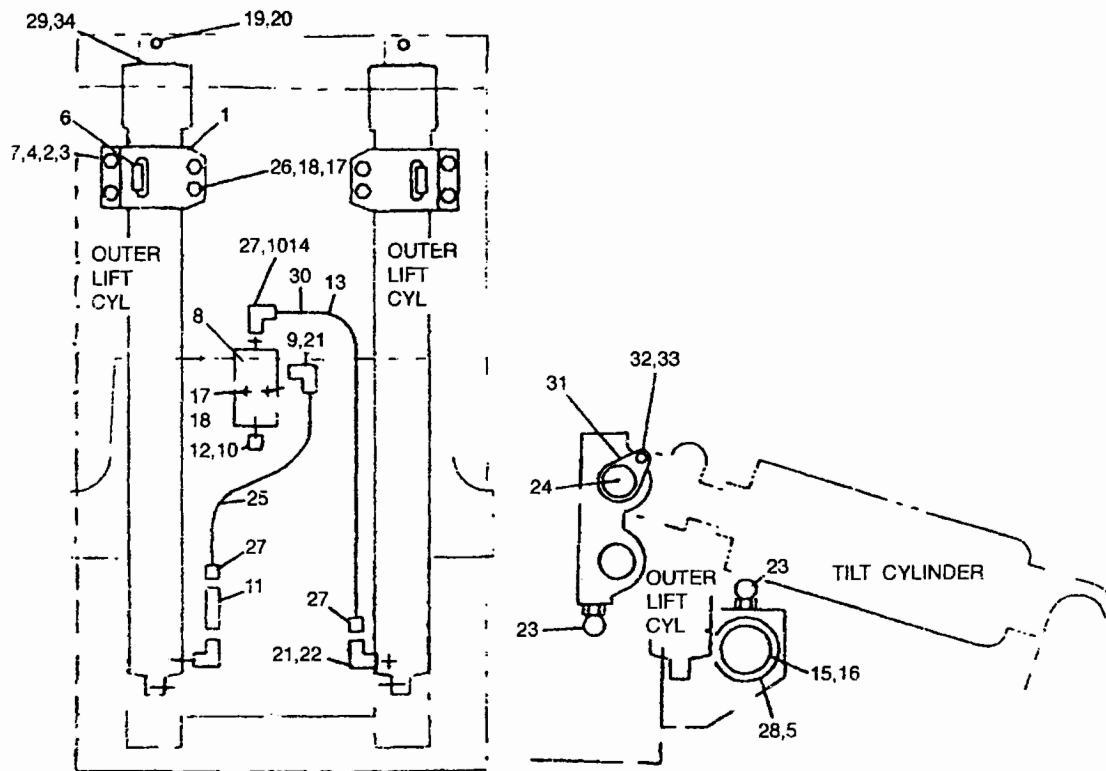
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911733	2	BRACKET	C1	25	920577	1	TUBE AS
	2	911440	2	BAR					09-0001~0672 11-0001~0482
	3	911439	4	PAD					10-0001~1424 12-0001~5100
	4	911298	4	SPACER		26	6V7744	4	NUT-LOCK
	5	8T7528	4	SEAL		27	6V8398	6	SEAL-FACE
	6	911732	2	BRACKET		28	920619	2	BEARING
	7	6V4249	4	BOLT		29	917090	3	SHIM
	8	920651	1	VALVE GP		30	7J9108	4	SEAL-FACE
	-	920653	1	REGULATOR-FLOW		31	911166	2	PIN AS
	9	6V8722	1	ELBOW		32	6V7727	2	BOLT
	10	2M9780	2	SEAL		33	5P0537	2	WASHER
	11	911730	1	FLOW PROTECTOR					
	12	6V6642	1	CONNECTOR					
	13	911779	1	TUBE AS					
	14	6V8626	1	ELBOW					
	15	910944	2	PIN					
	16	7X0819	4	BOLT					
	17	6V3822	6	BOLT					
	18	6V5839	6	WASHER					
	19	6V7981	2	BOLT					
	20	5M2894	2	WASHER					
	21	3K0360	3	SEAL-O-RING					
	22	8T0249	2	ELBOW					
	23	6V1506	4	FITTING					
	24	6V7669	2	BEARING					
C1-NOT INTER CHANGEABLE-CHANGED					09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302				

911089 MOUNTING - LIFT & TILT - STD

Refer To G5 Type - Fig.15.01

12.231

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911733	2	BRACKET	C1	25	D320469	1	TUBE AS
	2	911440	2	BAR					09-0673~UP 11-0483~UP
	3	911439	4	PAD					10-1425~UP 12-5101~UP
	4	911298	4	SPACER		26	6V7744	4	NUT-LOCK
	5	8T7528	4	SEAL		27	6V8398	6	SEAL-FACE
	6	911732	2	BRACKET		28	920619	2	BEARING
	7	6V4249	4	BOLT	B	29	917090	3	SHIM
	8	920651	1	VALVE GP-BASIC		30	7J9108	4	SEAL-FACE
	-	920653	1	REGULATOR-FLOW		31	911166	2	PIN AS
	9	6V8722	1	ELBOW		32	6V7727	2	BOLT
	10	2M9780	2	SEAL-O-RING		33	8T4205	2	WASHER-HARD
	11	911730	1	FLOW PROTECTOR		34	8Q7597	3	SHIM
	12	6V8642	1	CONNECTOR					
	13	911779	1	TUBE AS					
	14	6V8626	1	ELBOW					
	15	910944	2	PIN					
	16	7X0819	4	BOLT					
	17	6V3822	6	BOLT					
	18	6V5839	6	WASHER-HARD					
	19	6V7981	2	BOLT					
	20	5M2894	2	WASHER					
	21	3K0360	3	SEAL-O-RING					
	22	8T0249	2	ELBOW					
	23	6V1506	4	FITTING					
	24	6V7669	2	BEARING					

B-USE AS REQUIRED
C1-NOT INTER CHANGEABLE-CHANGED

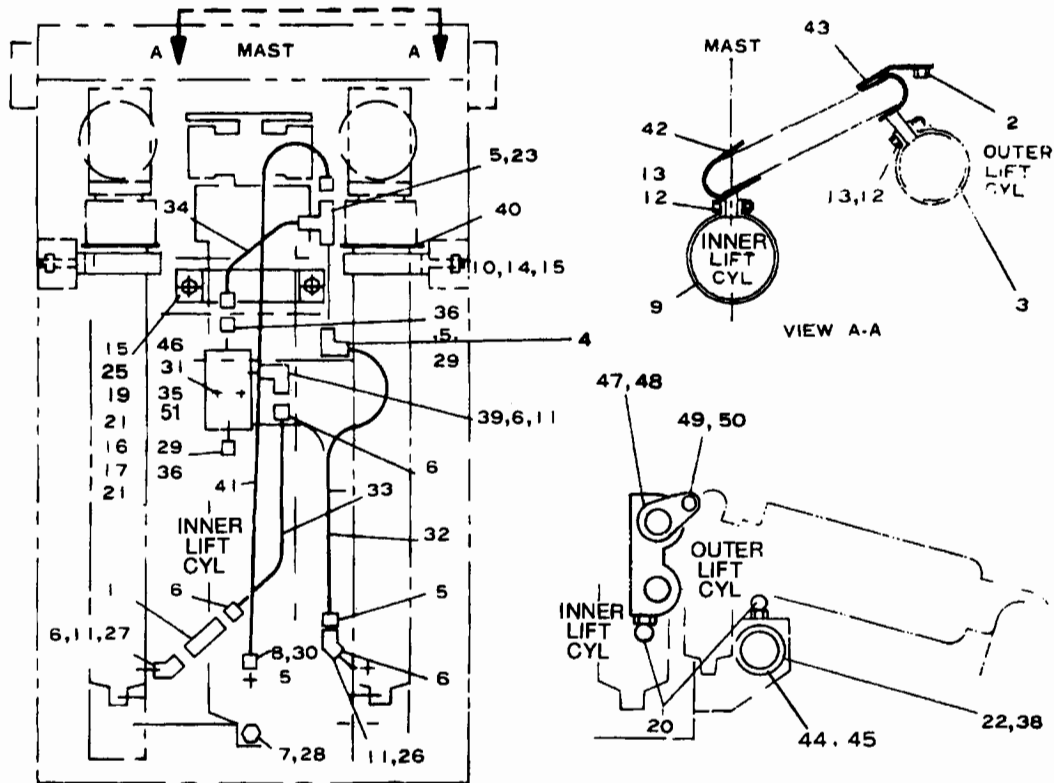
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911089-01 MOUNTING - LIFT & TILT - STD

Refer To G5 Type - Fig.15.01

12.24

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911730	1	FLOW PROTECTOR		29	6V8642	2	CONNECTOR
	2	6V8455	1	BOLT		30	911159	1	PROTECTOR-FLOW
	3	911099	1	CLAMP		31	8T4196	2	BOLT
	4	6V9852	1	ELBOW		32	920578	1	TUBE AS
	5	7J9108	8	SEAL-FACE		33	911734	1	TUBE AS
	6	6V8398	2	SEAL-FACE		34	911782	1	HOSE AS
	7	6V8652	1	BOLT		35	920651	1	VALVE GP-BASIC
	8	3D2824	1	SEAL-O-RING			920653	1	REGULATOR-FLOW
	9	911322	3	CLAMP		36	2M9780	2	SEAL-O-RING
	10	911192	2	SPACER		38	920619	2	BEARING
	11	3K0360	3	SEAL-O-RING		39	6V8722	4	ELBOW
	12	6V7743	4	NUT-LOCK	B	40	911778	6	SHIM
	13	9X2328	4	BOLT		44	910944	2	PIN
B	14	911105	2	U-BOLT AS	K	41		1	HOSE AS
		8T4121	4	WASHER	K	42		1	CHANNEL AS-(B)
B	15	6V7744	6	NUT-LOCK	K	43		1	CHANNEL AS-(A)
B	16	901814	2	SHIM LIMITGP		45	7X0819	4	BOLT
	17	901815	2	SHIM		46	8T4121	2	WASHER
	19	911108	1	CLAMP		47	6V7669	2	BEARING
	20	6V1506	4	FITTING		48	911166	2	PIN AS
	21	911106	6	BAR		49	8C3210	2	BOLT
	22	8T7528	4	SEAL	B	50	8T4205	2	WASHER-HARD
	23	6V8790	1	TEE		51	8T4121	2	WASHER
	24	6V7669	2	BEARING					
	25	8T6466	2	BOLT					
	26	6V8738	1	UNION					
	27	8T0252	2	ELBOW					
	28	6V5839	2	WASHER-HARD					

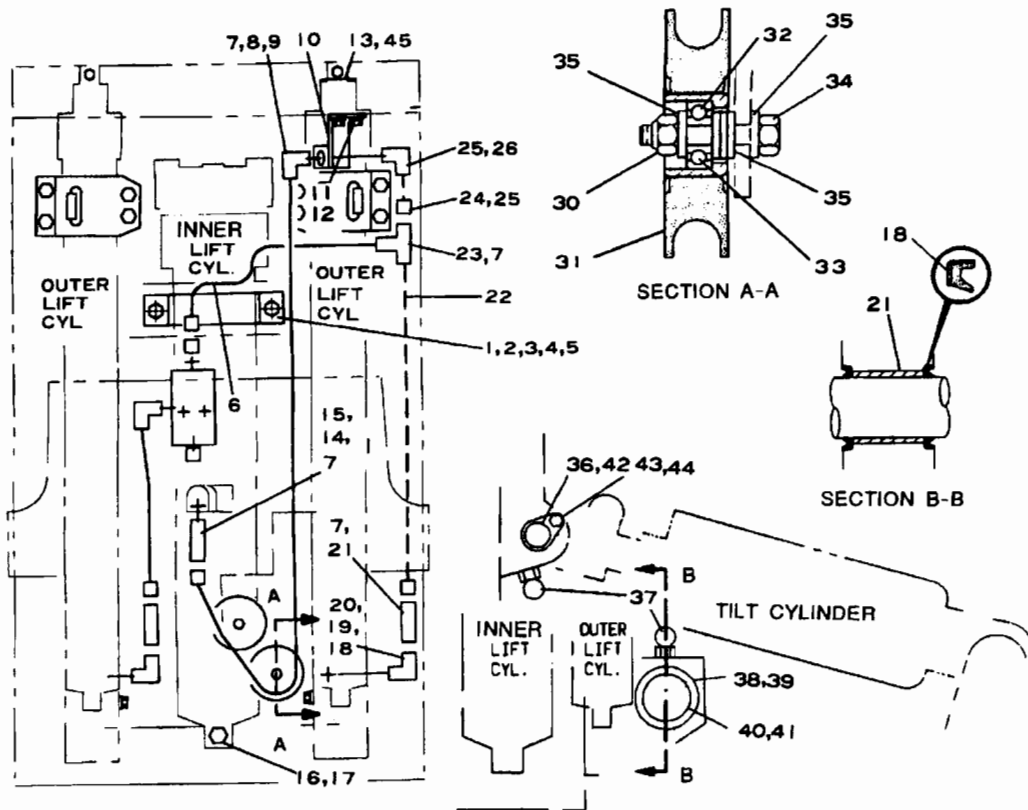
B-USE AS REQUIRED
K-SEE MAST ARRANGEMENT

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911181 MOUNTING - LIFT & TILT - FFL
Refer To G5 Type - Fig.15.02

12.25

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B B	1	911108	1	CLAMP		32	8E3074	1	BEARING
	2	6V4248	2	BOLT		33	6V7424	1	RING-RETAINING
	3	911106	2	BAR		34	6V7673	2	BOLT
	4	901815	4	SHIM		35	5P8245	6	WASHER
	5	901814	4	SHIM LIMITGP		36	6V7669	2	BEARING
	6	911194	1	HOSE AS		37	6V1506	4	FITTING
	7	7J9108	7	SEAL-FACE		38	8T7528	4	SEAL
	8	6V8982	1	ELBOW		39	920619	4	BEARING
	9	6V9170	1	NUT-LOCK		40	910944	2	PIN
	10	911787	1	BRACKET		41	7X0819	4	BOLT
	11	6V7732	2	BOLT		42	911166	2	PIN AS
	12	6V5839	2	WASHER		43	6V7727	2	BOLT
	13	917090	3	SHIM		44	5P0537	2	WASHER-HARD
	14	911159	1	PROTECTOR-FLOW		45	8Q7597	3	SHIM
	15	3D2824	1	SEAL-O-RING					
	16	6V8652	1	BOLT					
	17	5M2894	1	WASHER					
	19	3K0360	1	SEAL-O-RING					
	20	6V8722	1	ELBOW					
	22	920576	1	TUBE AS					
	23	6V9838	1	TEE					
	24	6V8739	1	UNION					
	25	6V9746	2	SEAL-FACE					
	26	8T1718	1	ELBOW					
	30	6V7687	2	NUT-LOCK					
	31	844383	1	SHEAVE AS					

B-USE AS REQUIRED

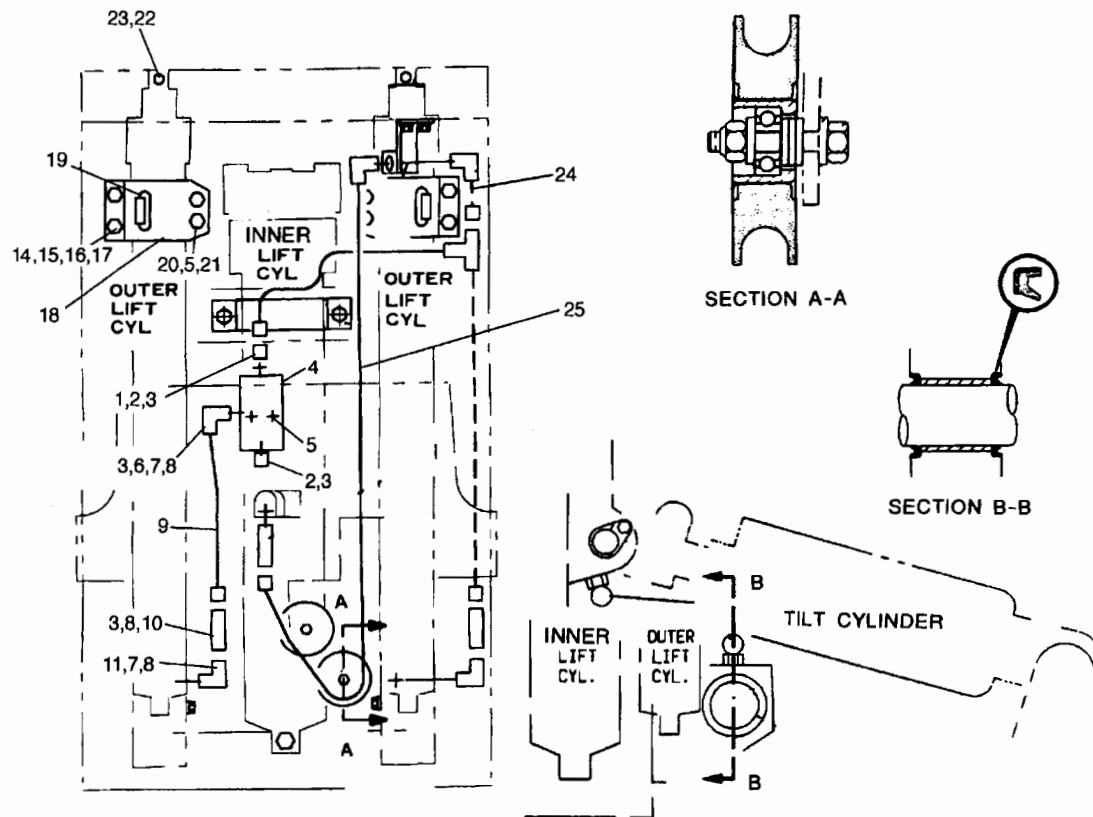
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

920579 MOUNTING GP - LIFT & TILT - FFT PART 1 OF 2

Refer To G5 Type - Fig.15.03

12.26

HYDRAULIC SYSTEM



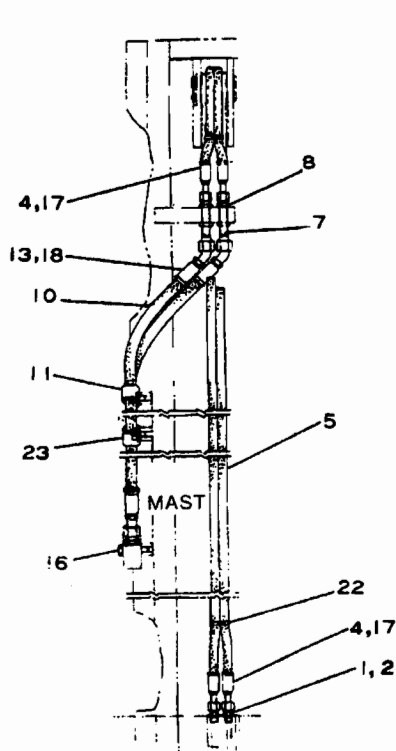
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
K	1	6V8642	2	CONNECTOR					
	2	2M9780	2	SEAL-O-RING					
	3	7J9108	3	SEAL-FACE					
	4	920651	1	VALVE GP-BASIC					
		920653	1	REGULATOR-FLOW					
	5	6V3822	6	BOLT					
	6	6V8722	1	ELBOW					
	7	3K0360	2	SEAL-O-RING					
	8	6V8398	1	SEAL-FACE					
	9	920577	1	TUBE AS					
	10	911730	1	FLOW PROTECTOR					
	11	8T0249	1	ELBOW					
	14	6V4249	4	BOLT					
	15	911298	4	SPACER					
	16	911440	2	BAR					
	17	911439	4	PAD					
	18	911733	2	BRACKET					
	19	911732	2	BRACKET					
	20	6V5839	4	WASHER-HARD					
	21	6V7744	4	NUT-LOCK					
	22	6V7981	2	BOLT					
	23	5M2894	2	WASHER					
	24	-	1	TUBE AS					
	25	-	1	HOSE AS					
K-SEE MAST ARRANGEMENT					09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302				

920579 MOUNTING GP - LIFT & TILT - FFT PART 2 OF 2

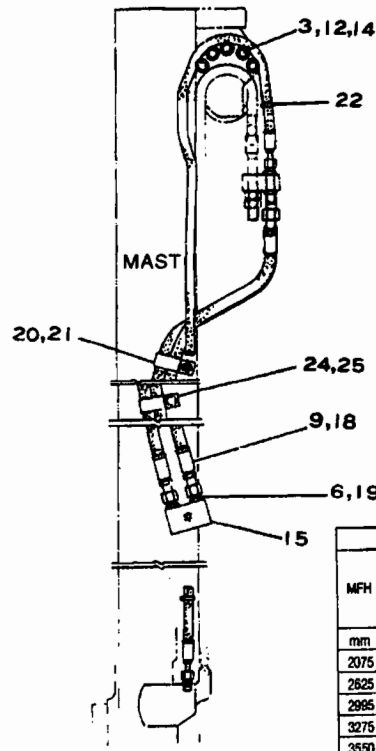
Refer To G5 Type - Fig.15.03

12.27

HYDRAULIC SYSTEM



REAR VIEW



LEFT SIDE VIEW

CUT TO LENGTH TABLE		
MFH	TWIN HOSE- INSIDE MAST 1 RECD	HOSE OUTSIDE MAST TO TRANSBLOCK 2 RECD
mm	mm	mm
2075	1335	—
2625	1610	360
2995	1795	540
3275	1930	680
3550	2175	830
3850	2325	1080
4000	2395	1180
4400	2595	1380
5000	2995	1880

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
BE	1	6V8636	2	CONNECTOR					
	2	3J1907	2	SEAL-O-RING					
	3	834516	5	ROLLER					
	4	6V9587	4	COUPLING-FACE SEAL					
	5	D909118		HOSE					
BE	6	6V8639	2	CONNECTOR					
	7	8T0149	2	UNION					
	8	6V9168	4	NUT					
	9	6V9588	2	COUPLING-FACE SEAL					
	10	D909117		HOSE					
	11	7S1912	1	CLIP					
	12	8T6974	5	BOLT					
	13	D909120	2	COUPLING					
	14	6V7743	5	NUT-LOCK					
	15	911185	1	BLOCK					
	16	8T0558	1	BOLT					
	17	6V8397	4	SEAL-FACE					
	18	6V8398	4	SEAL-FACE					
	19	3K0360	2	SEAL-O-RING					
	20	8T0559	1	BOLT-SELF LOCKING					
	21	5P1076	1	WASHER					
	22	6K0806	2	STRAP					
	23	7S1912	1	CLIP					
	24	8T0559	1	BOLT-SELF LOCKING					
	25	8T4223	1	WASHER					

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

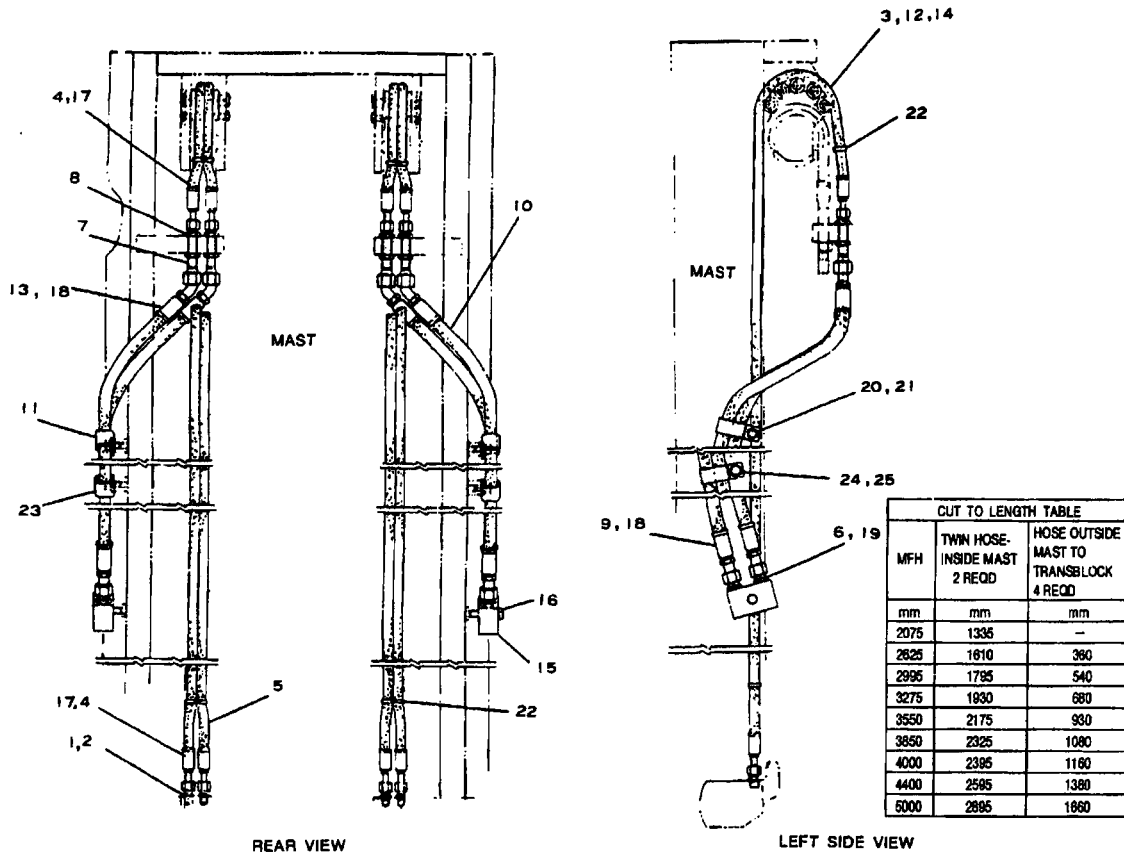
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834510 ATTACHMENT LINES - 3 WAY - STD

Refer To G5 Type - Fig.15.04

12.28

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
BE	1	6V8636	4	CONNECTOR					
	2	3J1907	4	SEAL-O-RING					
	3	834516	10	ROLLER					
	4	6V9587	8	COUPLING-FACE SEAL					
BE	5	8T0632	4	HOSE					
	6	6V8639	4	CONNECTOR					
	7	8T0149	4	UNION					
	8	6V9168	8	NUT					
	9	6V9588	4	COUPLING-FACE SEAL					
	10	8T0059	4	HOSE					
	11	7S1912	2	CLIP					
	12	8T6974	10	BOLT					
	13	6V9592	4	COUPLING					
	14	6V7743	10	NUT-LOCK					
	15	911185	2	BLOCK					
	16	8T0558	2	BOLT					
	17	6V8397	8	SEAL-FACE					
	18	6V8398	8	SEAL-FACE					
	19	3K0360	4	SEAL-O-RING					
	20	8T0559	2	BOLT-SELF LOCKING					
	21	5P1076	2	WASHER					
	22	6K0806	4	STRAP					
	23	7S1912	2	CLIP					
	24	8T0559	2	BOLT-SELF LOCKING					
	25	5P8245	2	WASHER					

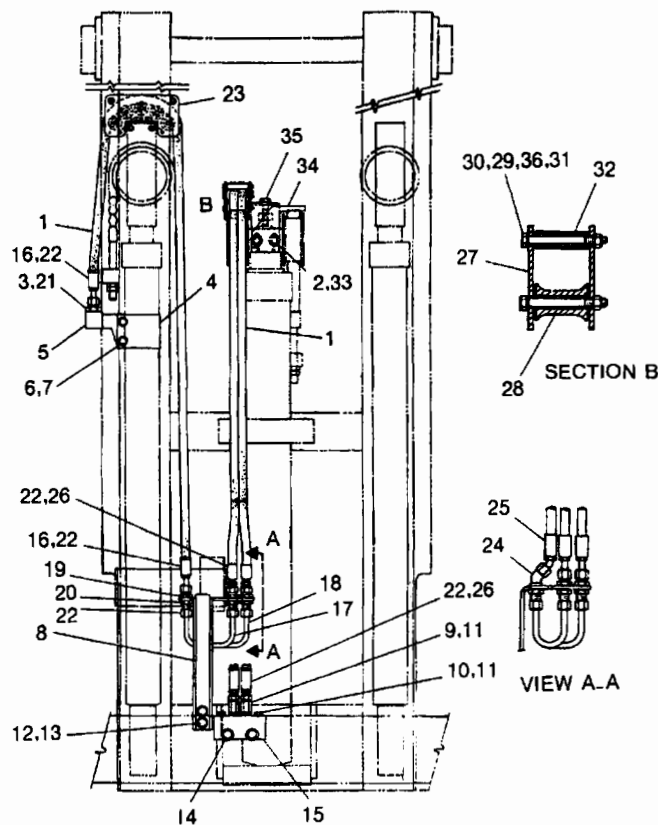
B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834511 ATTACHMENT LINES - 4 WAY - STD
Refer To G5 Type - Fig.15.05

12.29

HYDRAULIC SYSTEM



CUT TO LENGTH TABLE				
MFH	HOSES OVER PRIMARY CYLINDER 1-REQD		HOSES OVER SECONDARY CYL 1-REQD	
	2000 KG	3000 KG	2000 KG	3000 KG
	2500 KG	3000 KG	2000 KG	3000 KG
2625	1590	1545	1415(VIEW A-A)	
2995	1785	1740	1415	
3275	1923	1880	1535	
3650	2170	2125	1655	

UNIT : MM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
BE	1	D909118		HOSE	27	988007		1	GUIDE AS
	2	8T4224	2	WASHER	28	988013		10	ROLLER
	3	6V8634	2	CONNECTOR	29	988003		14	SPACER
	4	911332	1	CLAMP	30	7X2535		14	BOLT
	5	911507	1	BLOCK AS-HYDRAULIC	31	6V7743		14	NUT-LOCK
	6	6V9189	2	NUT-LOCK	32	988016		4	SLEEVE
	7	8T6912	2	BOLT	33	8T4189		4	BOLT
	8	911337	1	BRACKET AS	34	988014		2	GUARD-CHAIN
	9	9X2297	2	CONNECTOR-O-RING	35	8T0558		1	BOLT
	10	9S8927	2	PLUG	36	8T4205		7	WASHER-HARD
	11	3J1907	4	SEAL-O-RING					
	12	8T0722	2	BOLT					
	13	8T4121	2	WASHER					
	14	8T4197	2	BOLT					
	15	911342	1	BLOCK-HYDRAULIC					
	16	6V9587	4	COUPLING-FACE SEAL					
	17	911780	1	TUBE AS					
	18	911781	1	TUBE AS					
	19	6V8994	4	UNION					
	20	6V9168	4	NUT					
	21	3K0360	2	SEAL-O-RING					
	22	6V8397	12	SEAL-FACE					
	23	988008	1	GUIDE AS					
	24	6V8987	2	ELBOW-45 DEGREE					
	25	D909128	2	COUPLING					
	26	837418	4	COUPLING-STR P/A ORFS					

B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

09-0001~1250 11-0001~0820

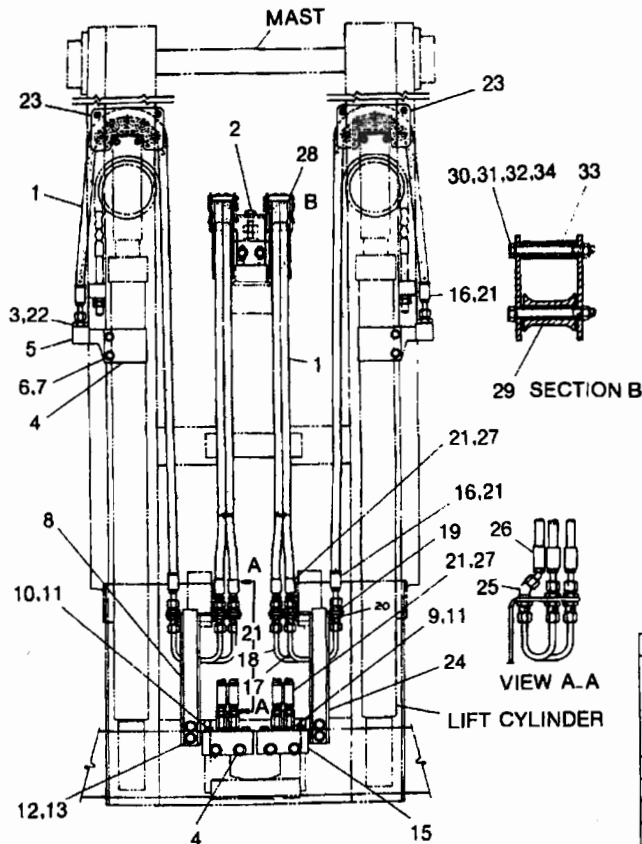
10-0001~2318 12-0001~9302

834483 ATTACHMENT LINES - 3 WAY - FFL

Refer To G5 Type - Fig.15.06

12.30

HYDRAULIC SYSTEM



CUT TO LENGTH TABLE				
MFH	HOSES OVER PRIMARY CYLINDER		HOSES OVER SECONDARY CYL	
	2-REQD	2-REQD	2-REQD	2-REQD
	2000 KG	3000 KG	2000 KG	3000 KG
2625	1590	1545	1415(VIEW A-A)	
2985	1785	1740	1415	
3275	1923	1880	1535	
3650	2170	2125	1655	

UNIT : MM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
BE	1	8T0632		HOSE	27	837418	8	COUPLING-STR P/A ORFS	
	2	8T0558	1	BOLT	28	988004	1	GUIDE AS	
	3	6V8634	4	CONNECTOR	29	988013	20	ROLLER	
	4	911332	2	CLAMP	30	988003	28	SPACER	
	5	911507	2	BLOCK AS-HYDRAULIC	31	7X2535	28	BOLT	
	6	6V9189	4	NUT-LOCK	32	6V7743	28	NUT-LOCK	
	7	8T6912	4	BOLT	33	988016	8	SLEEVE	
	8	911337	1	BRACKET AS	34	8T4205	14	WASHER-HARD	
	9	9X2297	4	CONNECTOR-O-RING					
	10	9S8927	4	PLUG					
	11	3J1907	8	SEAL-O-RING					
	12	8T0722	4	BOLT					
	13	8T4121	4	WASHER					
	14	8T4197	4	BOLT					
	15	911342	2	BLOCK-HYDRAULIC					
	16	6V9587	8	COUPLING-FACE SEAL					
	17	911780	2	TUBE AS					
	18	911781	2	TUBE AS					
	19	6V8994	8	UNION					
	20	6V9168	8	NUT					
	21	6V8397	24	SEAL-FACE					
	22	3K0360	4	SEAL-O-RING					
	23	988008	2	GUIDE AS					
	24	911334	1	BRACKET AS					
	25	6V8987	4	ELBOW-45 DEGREE					
	26	6V9591	4	COUPLING					

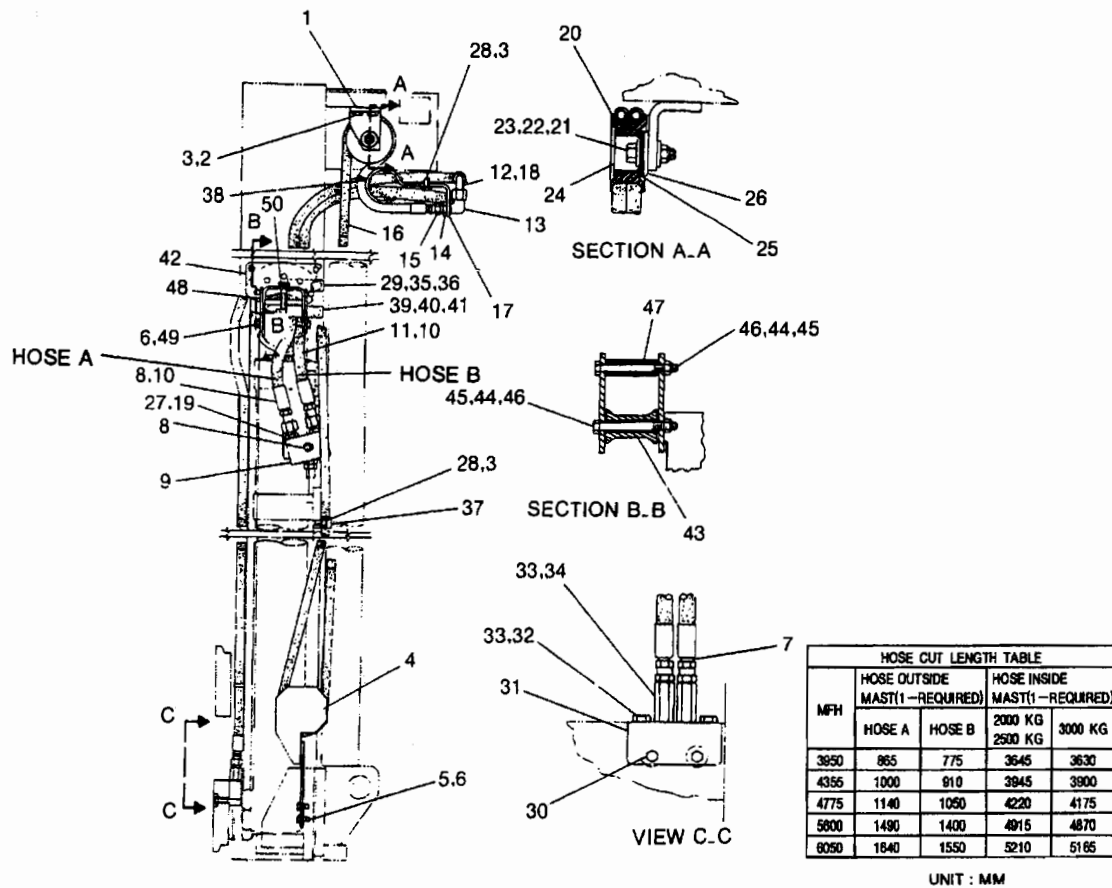
B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834484 ATTACHMENT LINES - 4 WAY - FFL
Refer To G5 Type - Fig.15.07

12.31

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911444	1	BRACKET-SHEAVE		27	3K0360	2	SEAL-O-RING
	2	6V3822	2	BOLT		28	6V8455	3	BOLT
	3	8T4121	5	WASHER		29	7S1912	1	CLIP
	4	910910	1	BRACKET AS		30	6V5219	2	BOLT
	5	6V5217	2	BOLT		31	911342	1	BLOCK-HYDRAULIC
	6	8T4224	6	WASHER		32	9S8927	2	PLUG
	7	837418	4	COUPLING-STR P/A ORFS		33	3J1907	4	SEAL-O-RING
	8	8T0558	1	BOLT		34	9X2297	2	CONNECTOR-O-RING
	9	911185	1	BLOCK		35	5P1076	1	WASHER
BE	10	6V9588	3	COUPLING-FACE SEAL		36	8T0559	1	BOLT-SELF LOCKING
	11	D909117	1	HOST-BULK		37	5K5338	1	CLIP
	12	6V9595	1	COUPLING-FACE SEAL		38	6K0806	2	STRAP
	13	8T0130	2	ELBOW		39	7S1912	1	CLIP
	14	6V9168	2	NUT		40	8T0559	1	BOLT-SELF LOCKING
BE	15	6V8397	4	SEAL-FACE		41	8T4223	1	WASHER
	16	8T0632	1	HOSE		42	988007	1	GUIDE AS
	17	911290	1	BRACKET		43	988013	5	ROLLER
	18	6V8398	4	SEAL-FACE		44	988003	7	SPACER
	19	6V8639	2	CONNECTOR		45	8T5066	7	BOLT
	20	372705	1	SHEAVE		46	6V7743	7	NUT-LOCK
	21	6V5684	1	BOLT		47	988016	2	SLEEVE
	22	6V7687	1	NUT-LOCK		48	988014	2	GUARD-CHAIN
	23	5P1076	2	WASHER		49	6V5217	4	BOLT
	24	346389	1	CUP		50	8T0558	1	BOLT
	25	346386	2	WASHER					
	26	8G3970	1	PLATE					

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

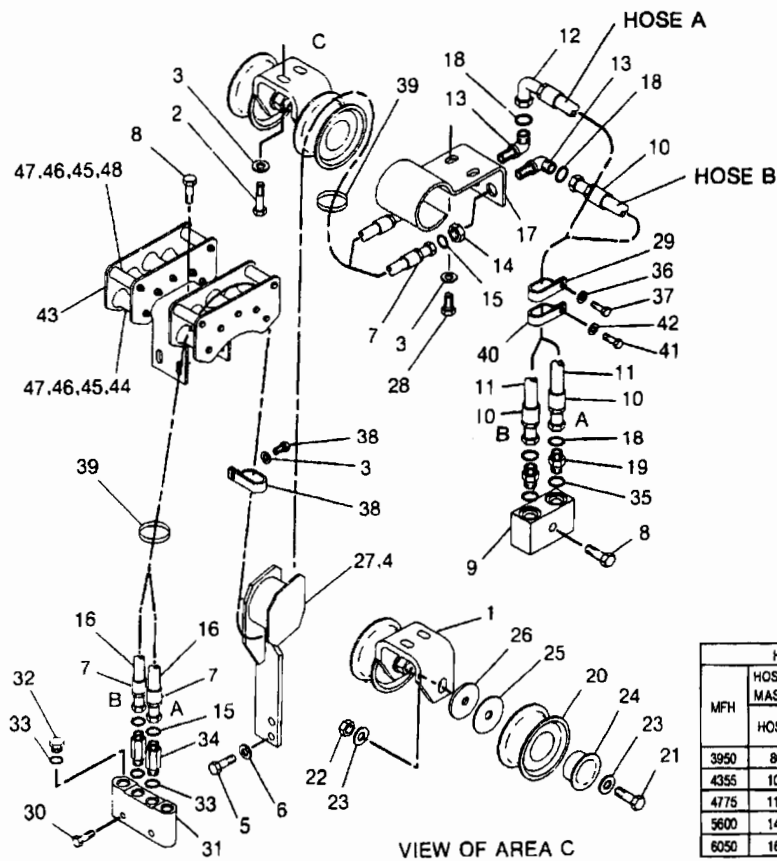
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834486 ATTACHMENT LINES - 3 WAY - FFT

Refer To G5 Type - Fig.15.08

12.32

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911297	1	BRACKET-SHEAVE		27	911295	1	BRACKET AS
	2	6V3822	2	BOLT		28	6V8455	6	BOLT
	3	8T4121	8	WASHER		29	7S1912	2	CLIP
	4	910910	1	BRACKET AS		30	6V5219	4	BOLT
	5	6V5217	4	BOLT		31	911342	2	BLOCK-HYDRAULIC
	6	8T4224	4	WASHER		32	9S8927	4	PLUG
	7	837418	8	COUPLING-STR P/A ORFS		33	3J1907	8	SEAL-O-RING
	8	8T0558	3	BOLT		34	9X2297	4	CONNECTOR-O-RING
	9	911185	2	BLOCK		35	3K0360	4	SEAL-O-RING
BE	10	6V9588	6	COUPLING-FACE SEAL		36	8T4223	2	WASHER
	11	D909117		HOSE		37	8T0559	2	BOLT-Self LOCKING
	12	6V9595	2	COUPLING-FACE SEAL		38	5K5338	2	CLIP
	13	8T0130	4	ELBOW		39	6K0806	4	STRAP
	14	9V9168	4	NUT		40	7S1912	2	CLIP
BE	15	6V8397	8	SEAL-FACE		41	8T0559	2	BOLT-Self LOCKING
	16	8T0632		HOSE		42	5P1076	2	WASHER
	17	911290	2	BRACKET		43	988004	1	GUIDE AS
	18	6V8398	8	SEAL-FACE		44	988013	10	ROLLER
	19	6V8639	4	CONNECTOR		45	988003	14	SPACER
	20	372705	2	SHEAVE		46	8T5066	14	BOLT
	21	6V5684	2	BOLT		47	6V7743	14	NUT-LOCK
	22	6V7687	2	NUT-LOCK		48	988016	4	SLEEVE
	23	5P1076	4	WASHER					
	24	346389	2	CUP					
	25	346386	4	WASHER					
	26	8G3970	2	PLATE					

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

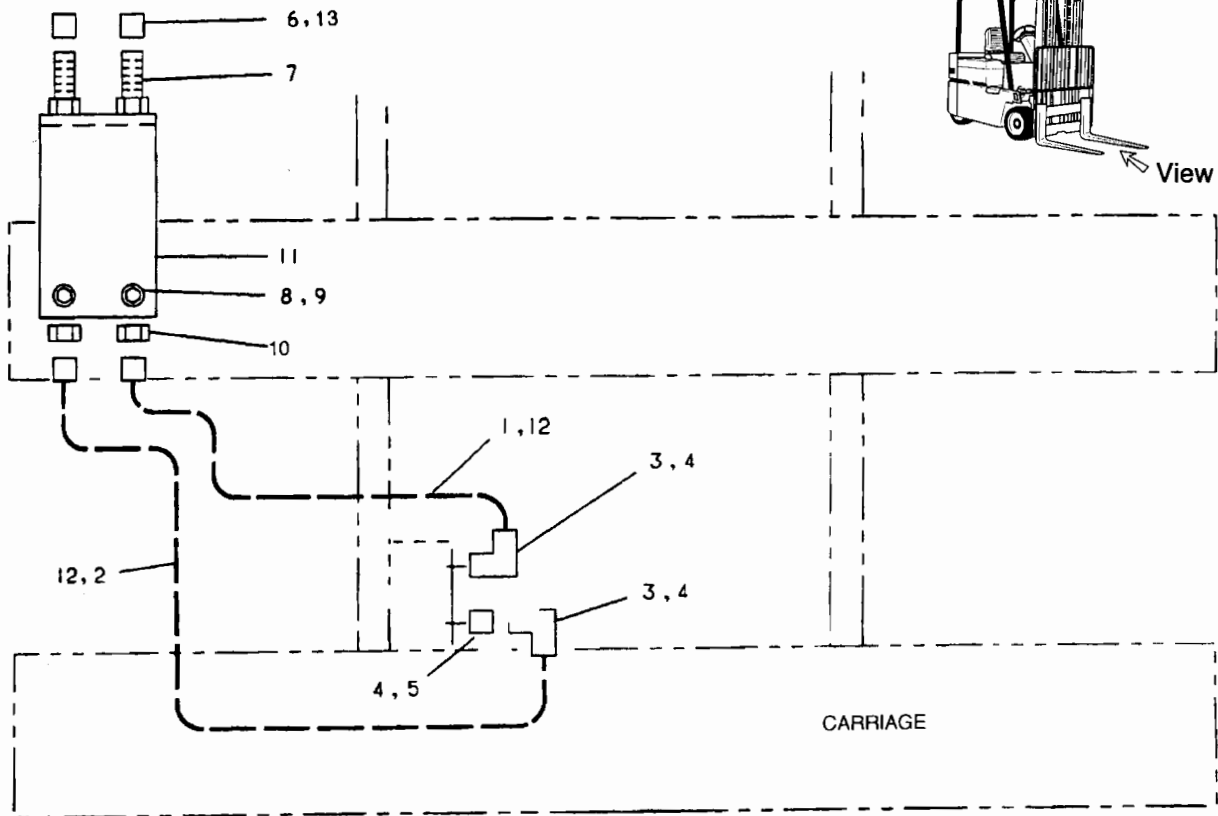
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834487 ATTACHMENT LINES - 4 WAY - FFT
Refer To G5 Type - Fig.15.09

MEMORANDA

12.34

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911431	1	TUBE AS					
	2	911432	1	TUBE AS					
	3	6V8724	2	ELBOW					
	4	3J1907	3	SEAL-O-RING					
	5	8T0151	1	ADAPTER					
	6	8S4951	2	CAP					
	7	8T0150	2	CONNECTOR					
	8	6V7732	2	BOLT					
	9	6V5839	2	WASHER-HARD					
	10	6V9168	2	NUT					
	11	911430	1	BRACKET					
	12	6V8397	4	SEAL-FACE					
	13	3K0360	2	SEAL-O-RING					

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

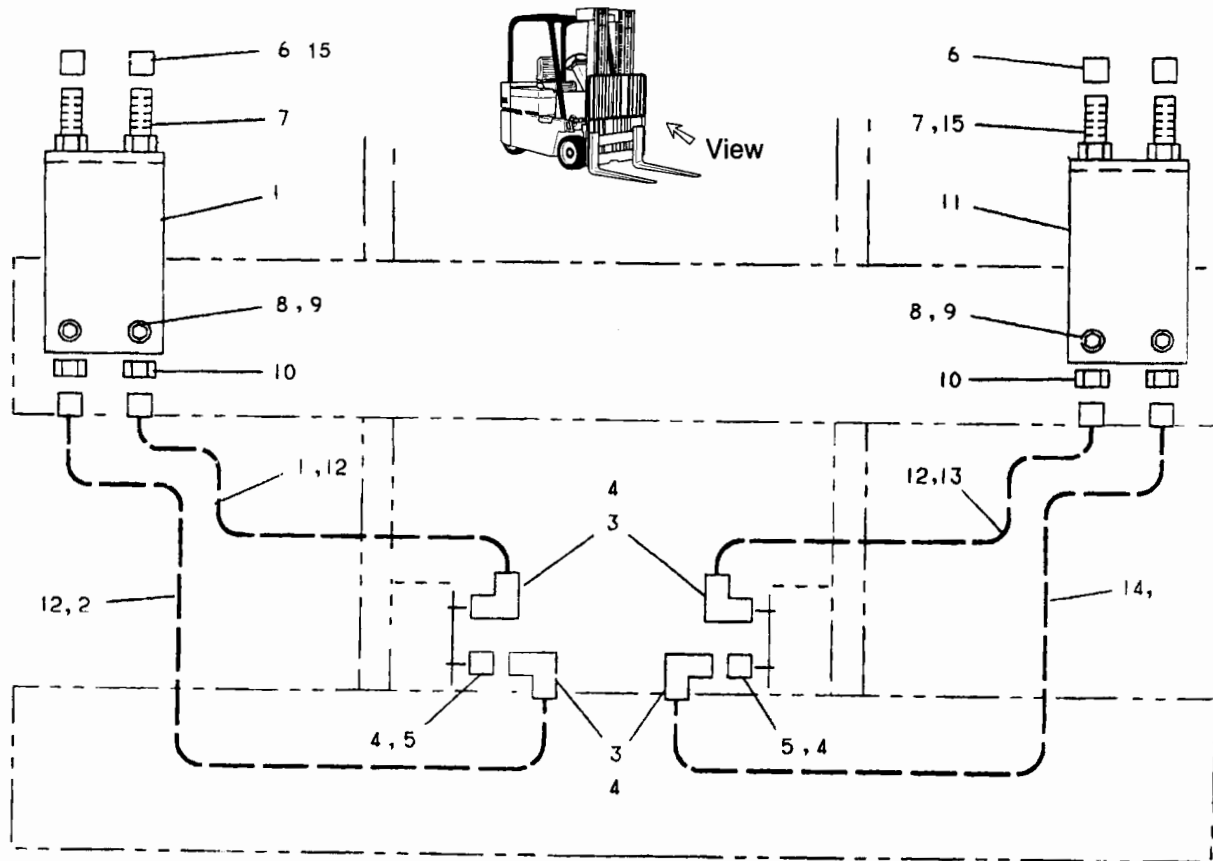
910896 SECONDARY ATTACHMENT LINES - 3 WAY - RH - STD

(2 Ton, 2.5 Ton Class)

Refer To G5 Type - Fig.15.10

12.35

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911431	1	TUBE AS					
	2	911432	1	TUBE AS					
	3	6V8724	4	ELBOW					
	4	3J1907	6	SEAL-O-RING					
	5	8T0151	2	ADAPTER					
	6	8S4951	4	CAP					
	7	8T0150	4	CONNECTOR					
	8	6V7732	4	BOLT					
	9	6V5839	4	WASHER-HARD					
	10	6V9168	4	NUT					
	11	911430	2	BRACKET					
	12	6V8397	8	SEAL-FACE					
	13	911743	1	TUBE AS					
	14	911744	1	TUBE AS					
	15	3K0360	4	SEAL-O-RING					

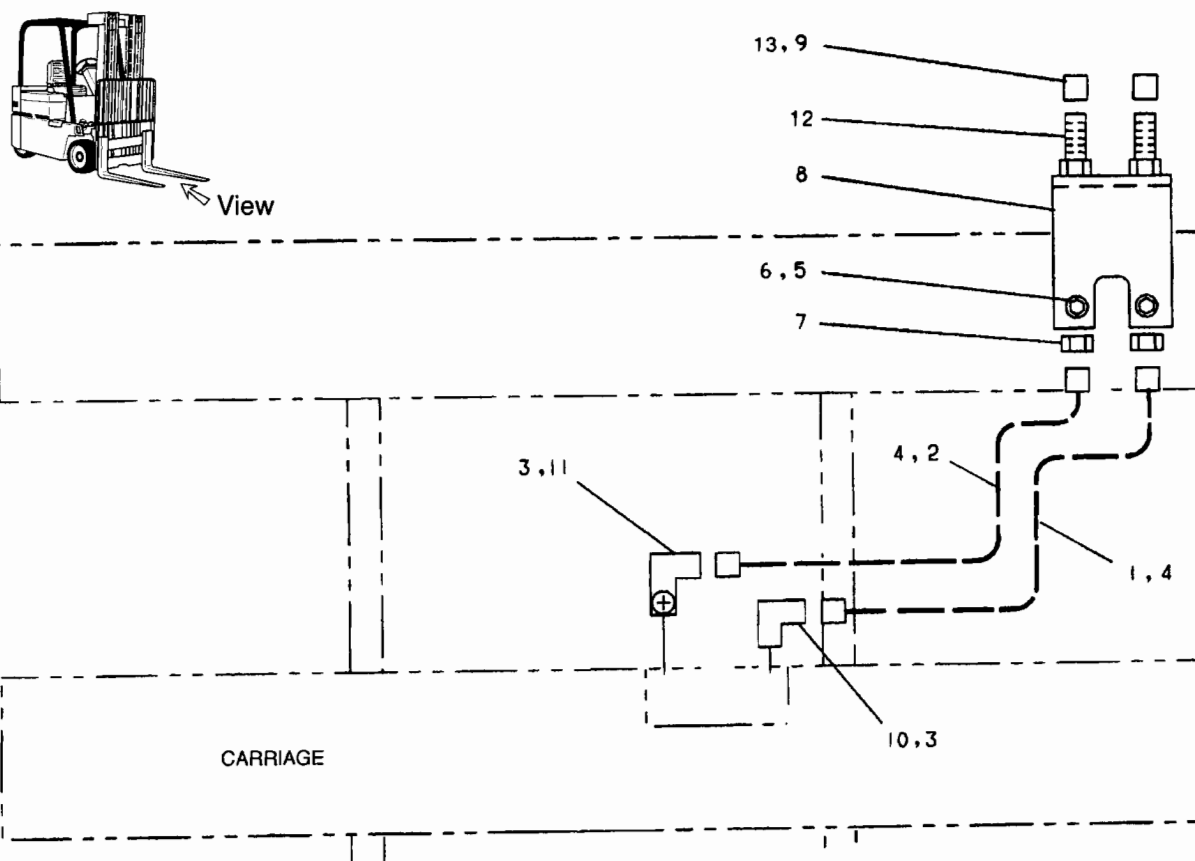
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911623 SECONDARY ATTACHMENT LINES - 4 WAY - STD

(2 Ton, 2.5 Ton Class)
Refer To G5 Type - Fig.15.12

12.36

HYDRAULIC SYSTEM

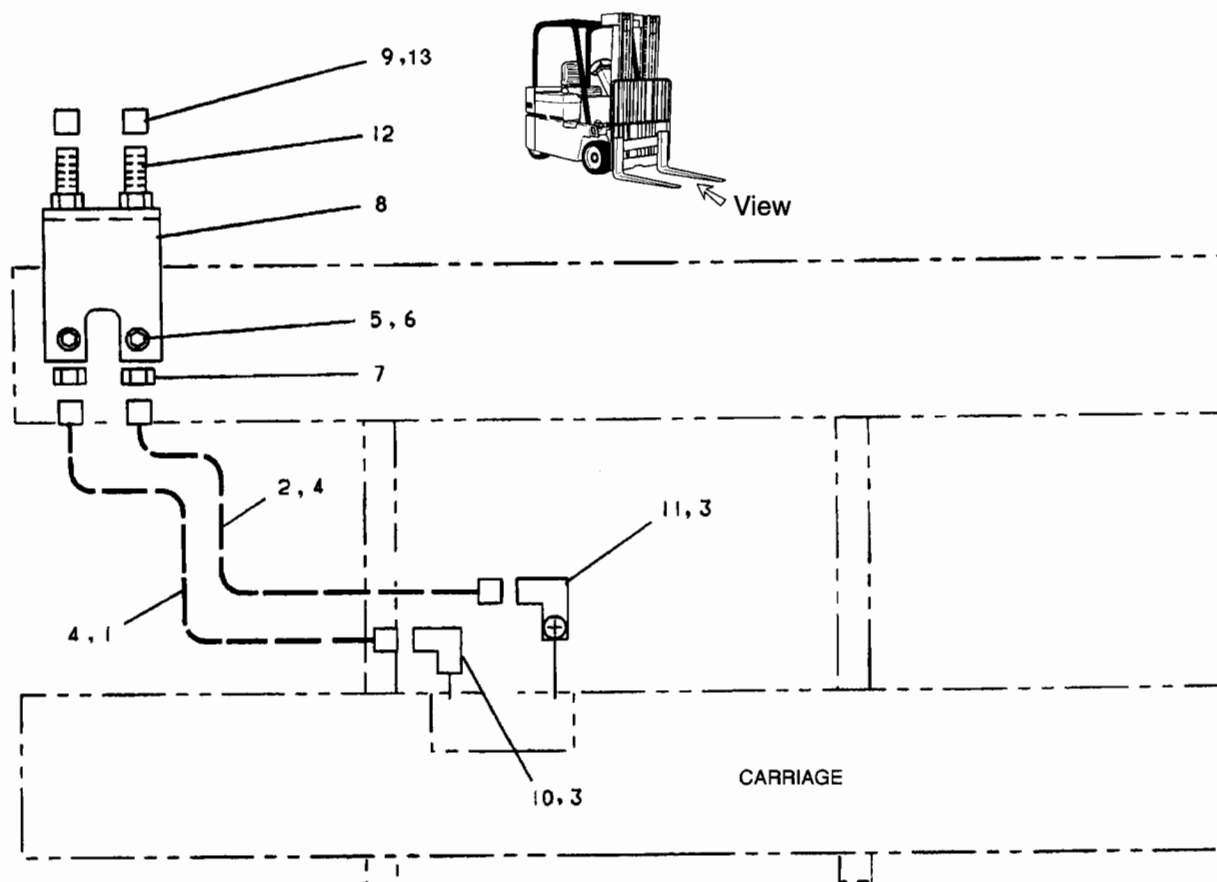


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911385	1	TUBE AS					
	2	911383	1	TUBE AS					
	3	3J1907	2	SEAL-O-RING					
	4	6V8397	4	SEAL-FACE					
	5	6V7732	2	BOLT					
	6	6V5839	2	WASHER-HARD					
	7	6V9168	2	NUT					
	8	911389	1	BRACKET					
	9	8S4951	2	CAP					
	10	6V8724	1	ELBOW					
	11	911738	1	FITTING-O-RING PORT					
	12	8T0150	2	CONNECTOR					
	13	3K0360	2	SEAL-O-RING					
					09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302				

911626 SECONDARY ATTACHMENT LINES - 3 WAY - LH - FFL, FFT
 (2 Ton, 2.5 Ton Class)
 Refer To G5 Type - Fig.15.13

12.37

HYDRAULIC SYSTEM



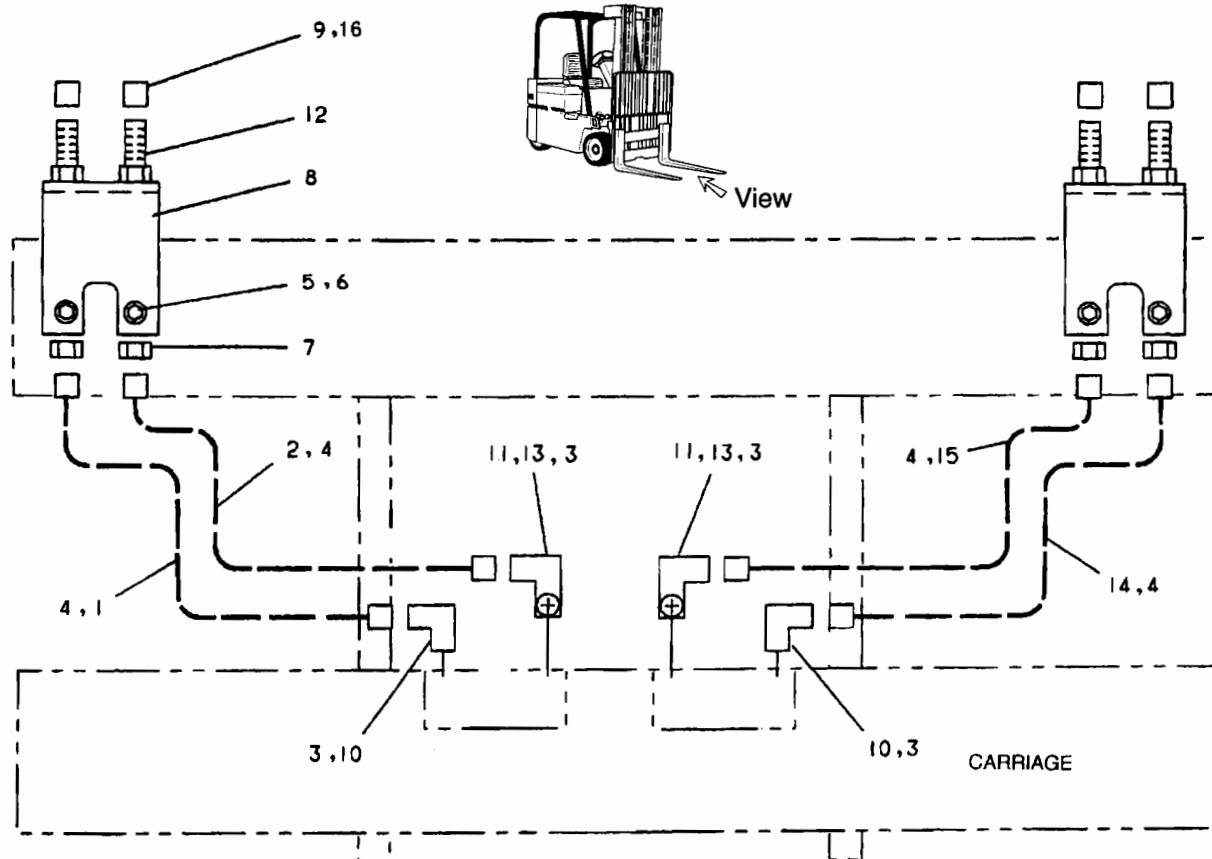
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911386	1	TUBE AS					
	2	911384	1	TUBE AS					
	3	3J1907	2	SEAL-O-RING					
	4	6V8397	4	SEAL-FACE					
	5	6V7732	2	BOLT					
	6	6V5839	2	WASHER-HARD					
	7	6V9168	2	NUT					
	8	911389	1	BRACKET					
	9	8S4951	2	CAP					
	10	6V8724	1	ELBOW					
	11	911737	1	FITTING-O-RING PORT					
	12	8T0150	2	CONNECTOR					
	13	3K0360	2	SEAL-O-RING					
09-0001~1250 11-0001~0820									
10-0001~2318 12-0001~9302									

911617 SECONDARY ATTACHMENT LINES - 3 WAY - RH - FFL, FFT
(2 Ton, 2.5 Ton Class)

Refer To G5 Type - Fig.15.14

12.38

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911386	1	TUBE AS					
	2	911384	1	TUBE AS					
	3	3J1907	4	SEAL-O-RING					
	4	6V8397	8	SEAL-FACE					
	5	6V7732	4	BOLT					
	6	6V5839	4	WASHER-HARD					
	7	6V9168	4	NUT					
	8	911389	2	BRACKET					
	9	8S4951	4	CAP					
	10	6V8724	2	ELBOW					
	11	911737	1	FITTING-O-RING PORT					
	12	8T0150	4	CONNECTOR					
	13	911738	1	FITTING-O-RING PORT					
	14	911385	1	TUBE AS					
	15	911383	1	TUBE AS					
	16	3K0360	4	SEAL-O-RING					
					09-0001~1250 11-0001~0820				
					10-0001~2318 12-0001~9302				

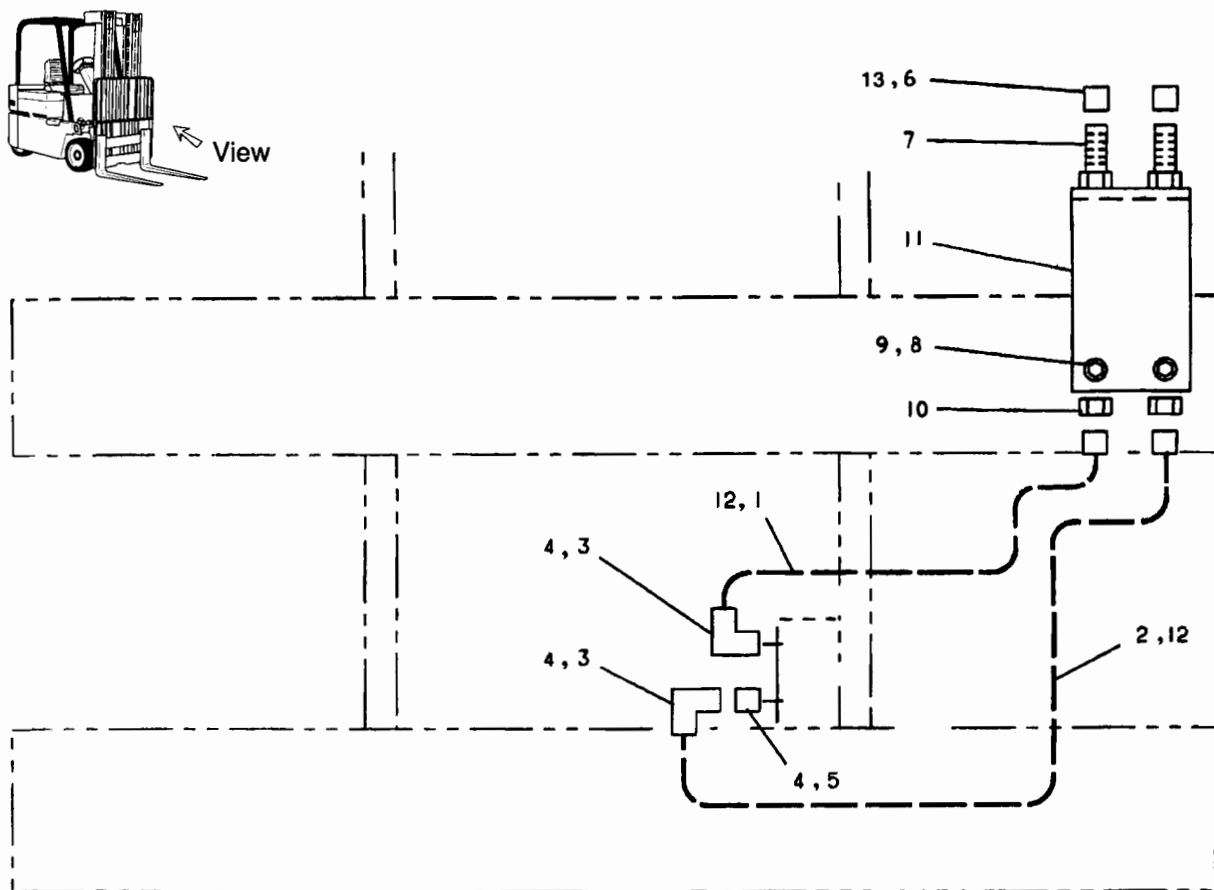
911256 SECONDARY ATTACHMENT LINES - 4 WAY - FFL, FFT

(2 Ton, 2.5 Ton Class)

Refer To G5 Type - Fig.15.15

12.39

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911437	1	TUBE AS					
	2	911436	1	TUBE AS					
	3	6V8724	2	ELBOW					
	4	3J1907	3	SEAL-O-RING					
	5	8T0151	1	ADAPTER					
	6	8S4951	2	CAP					
	7	8T0150	2	CONNECTOR					
	8	6V7732	2	BOLT					
	9	6V5839	2	WASHER-HARD					
	10	6V9168	2	NUT					
	11	911399	1	BRACKET					
	12	6V8397	4	SEAL-FACE					
	13	3K0360	2	SEAL-O-RING					

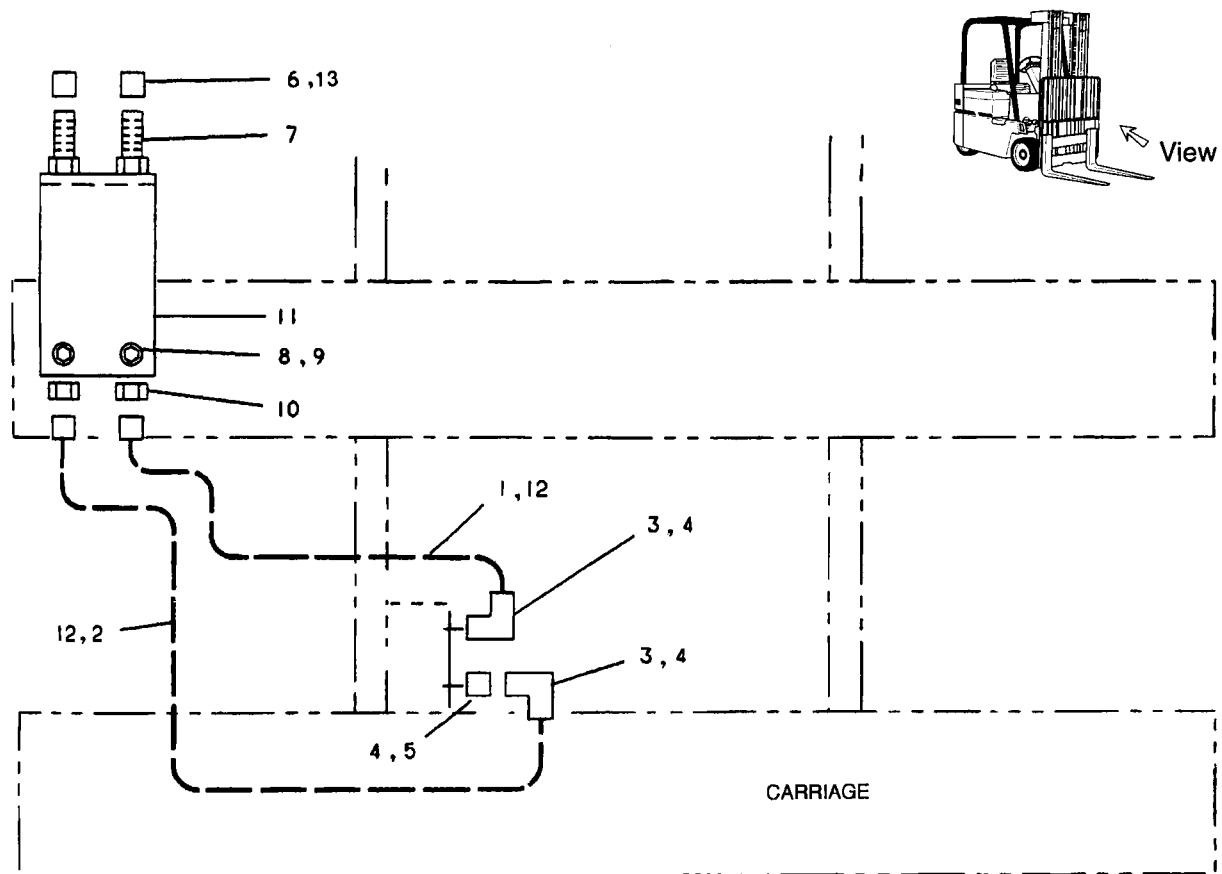
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911622 SECONDARY ATTACHMENT LINES - 3 WAY - LH - STD
(3 Ton Class)

Refer To G5 Type - Fig.15.17

12.40

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911434	1	TUBE AS					
	2	911435	1	TUBE AS					
	3	6V8724	2	ELBOW					
	4	3J1907	3	SEAL-O-RING					
	5	8T0151	1	ADAPTER					
	6	8S4951	2	CAP					
	7	8T0150	2	CONNECTOR					
	8	6V7732	2	BOLT					
	9	6V5839	2	WASHER-HARD					
	10	6V9168	1	NUT					
	11	911399	1	BRACKET					
	12	6V8397	4	SEAL-FACE					
	13	3K0360	2	SEAL-O-RING					

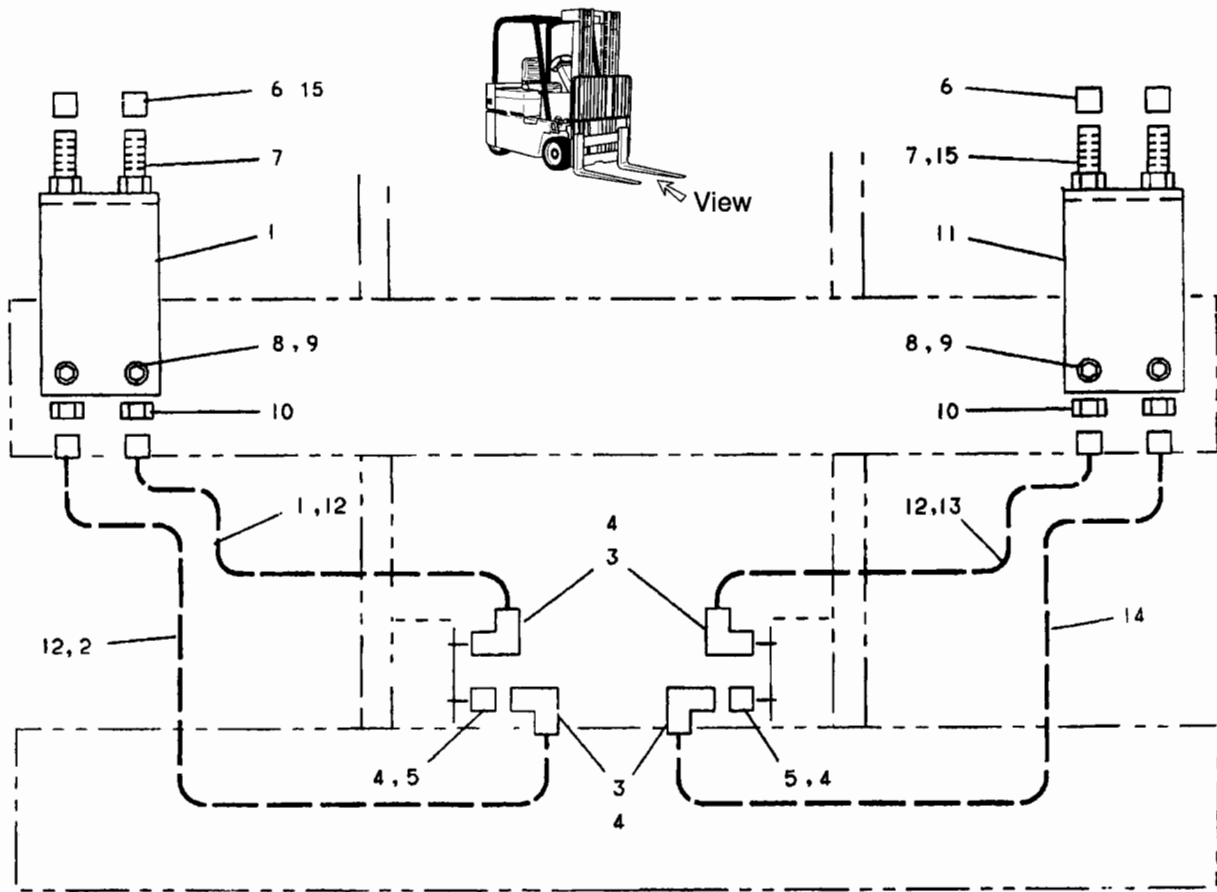
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911616 SECONDARY ATTACHMENT LINES - 3 WAY - RH - STD (3 Ton Class)

Refer To G5 Type - Fig.15.16

12.41

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911434	1	TUBE AS					
	2	911435	1	TUBE AS					
	3	6V8724	4	ELBOW					
	4	3J1907	6	SEAL-O-RING					
	5	8T0151	2	ADAPTER					
	6	8S4951	4	CAP					
	7	8T0150	4	CONNECTOR					
	8	6V7732	4	BOLT					
	9	6V5839	4	WASHER-HARD					
	10	6V9168	4	NUT					
	11	911399	2	BRACKET					
	12	6V8397	8	SEAL-FACE					
	13	911436	1	TUBE AS					
	14	911437	1	TUBE AS					
	15	3K0360	4	SEAL-O-RING					

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

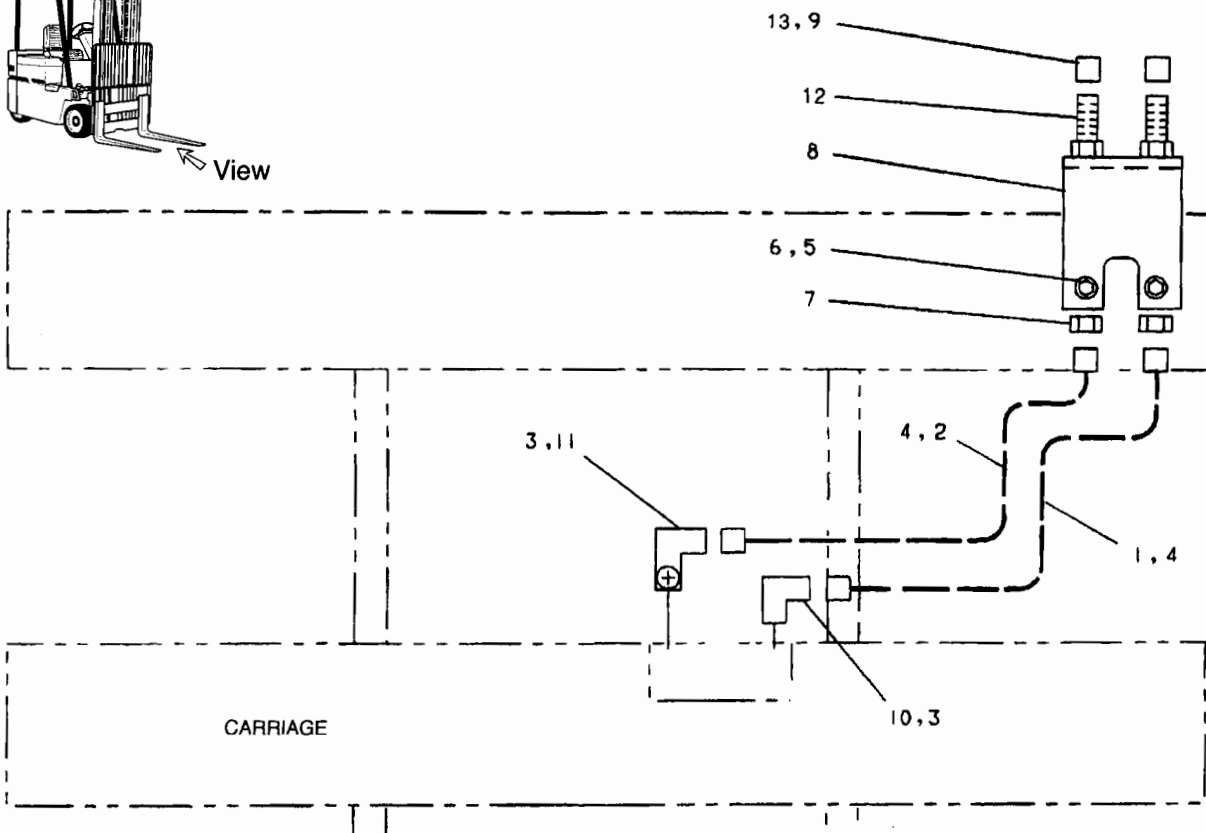
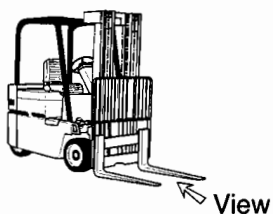
911180 SECONDARY ATTACHMENT LINES - 4 WAY - STD

(3 Ton Class)

Refer To G5 Type - Fig.15.18

12.42

HYDRAULIC SYSTEM



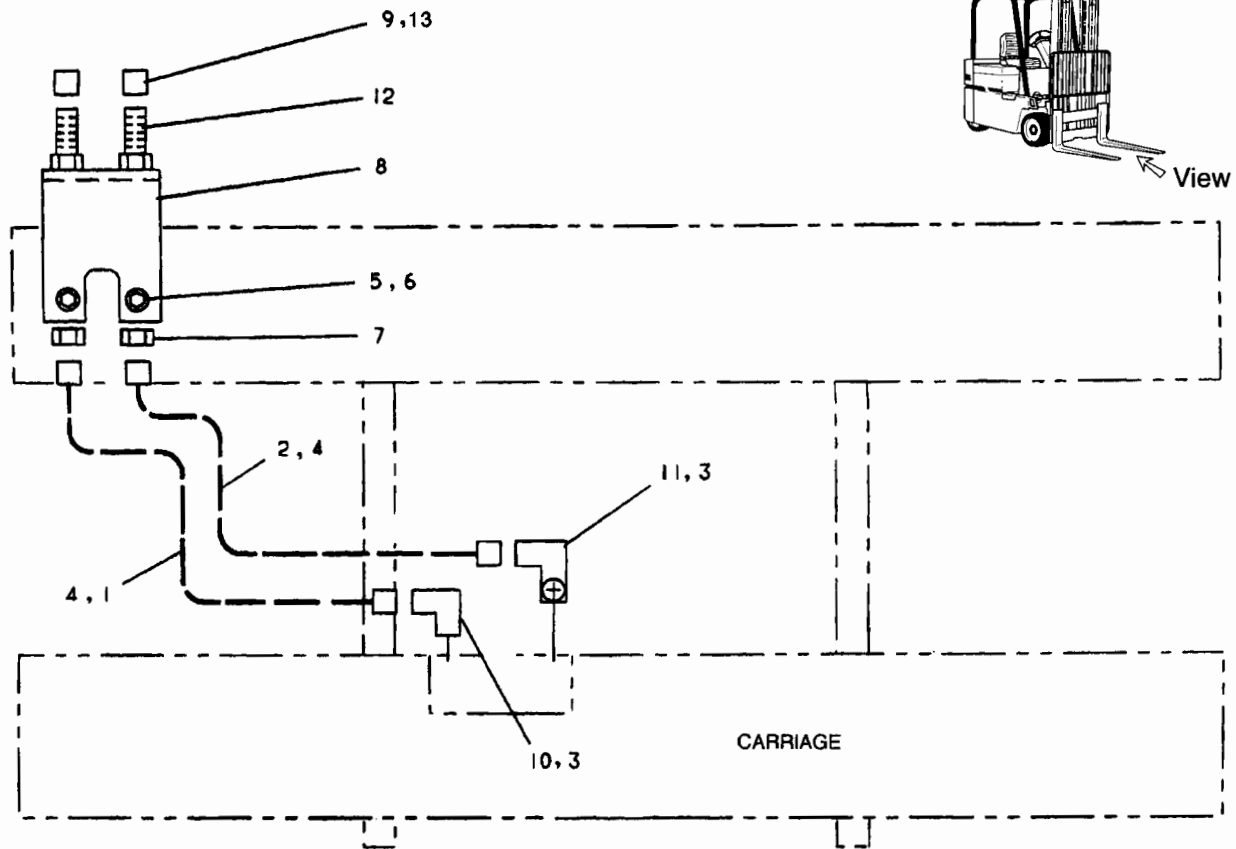
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911371	1	TUBE AS					
	2	911372	1	TUBE AS					
	3	3J1907	2	SEAL-O-RING					
	4	6V8397	4	SEAL-FACE					
	5	6V7732	2	BOLT					
	6	6V5839	2	WASHER-HARD					
	7	6V9168	2	NUT					
	8	911399	1	BRACKET					
	9	8S4951	2	CAP					
	10	6V8724	1	ELBOW					
	11	911738	1	FITTING-O-RING PORT					
	12	8T0150	2	CONNECTOR					
	13	3K0360	2	SEAL-O-RING					
09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302									

911627 SECONDARY ATTACHMENT LINES - 3 WAY - LH - FFL, FFT
(3 Ton Class)

Refer To G5 Type - Fig.15.20

12.43

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911355	1	TUBE AS					
	2	911356	1	TUBE AS					
	3	3J1907	2	SEAL-O-RING					
	4	6V8397	4	SEAL-FACE					
	5	6V7732	2	BOLT					
	6	6V5839	2	WASHER-HARD					
	7	6V9168	2	NUT					
	8	911399	1	BRACKET					
	9	8S4951	2	CAP					
	10	6V8724	1	ELBOW					
	11	911737	1	FITTING-O-RING PORT					
	12	8T0150	2	CONNECTOR					
	13	3K0360	2	SEAL-O-RING					

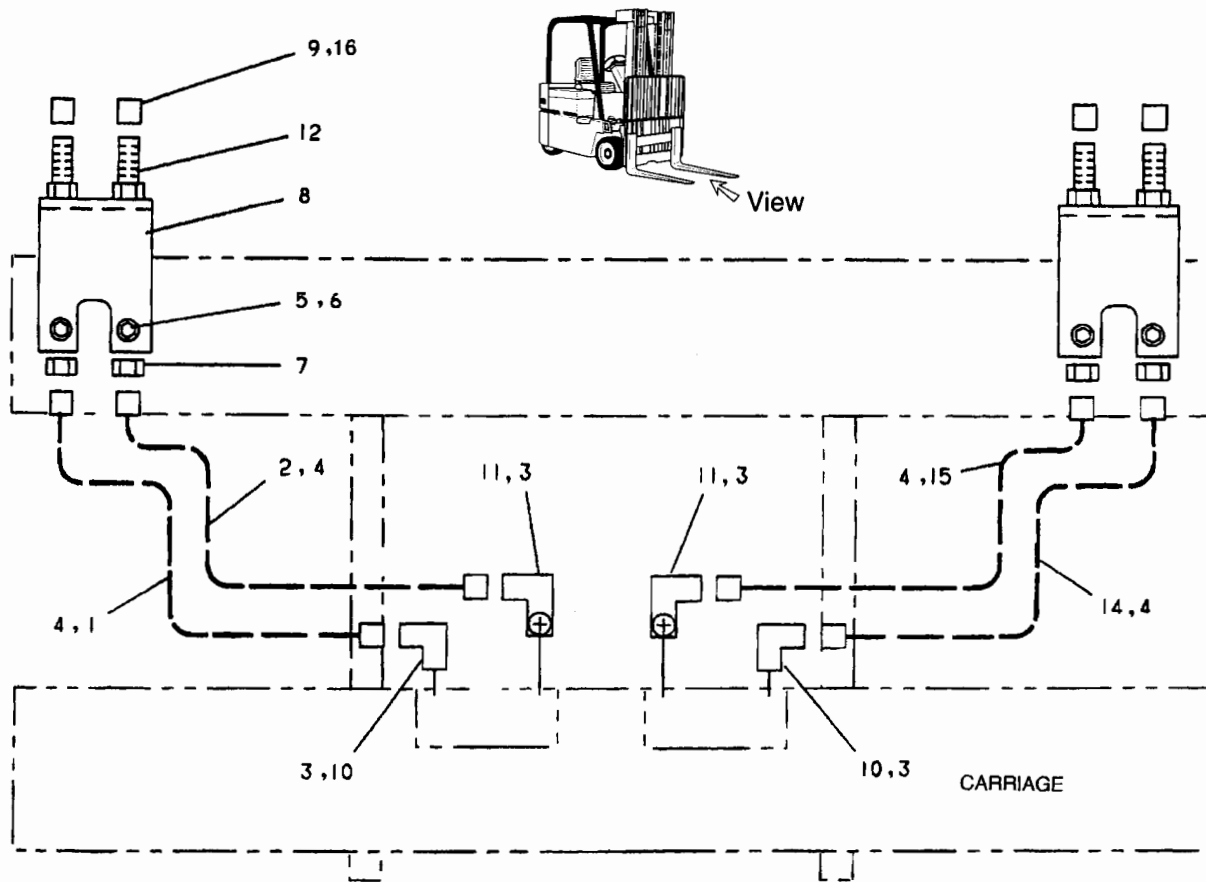
09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911044 SECONDARY ATTACHMENT LINES - 3 WAY - RH - FFL, FFT
(3 Ton Class)

Refer To G5 Type - Fig.15.19

12.44

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911355	1	TUBE AS					
	2	911356	1	TUBE AS					
	3	3J1907	4	SEAL-O-RING					
	4	6V8397	8	SEAL-FACE					
	5	6V7732	4	BOLT					
	6	6V5839	4	WASHER-HARD					
	7	6V9168	4	NUT					
	8	911399	2	BRACKET					
	9	8S4951	4	CAP					
	10	6V8724	2	ELBOW					
	11	911737	1	FITTING-O-RING PORT					
	12	8T0150	4	CONNECTOR					
	13	911738	1	FITTING-O-RING PORT					
	14	911371	1	TUBE AS					
	15	911372	1	TUBE AS					
	16	3K0360	4	SEAL-O-RING					

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

911629 SECONDARY ATTACHMENT LINES - 4 WAY - FFL, FFT
(3 Ton Class)

Refer To G5 Type - Fig.15.21

MEMORANDA

13.01**IMPLEMENTS**

834454 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 2,030MM

PAGE

1	834473	MAST GP	
1	910991	MAST GP(BSC)	201
1	834488	UPRIGHT AS-STATIONARY	
1	834497	UPRIGHT AS-STATIONARY	203
1	834499	UPRIGHT AS-INNER	
1	834508	UPRIGHT AS-INNER	203
2	D510960	LIFT GP	
1	D510959	LIFT GP (BASIC)	209
1	D510993	TUBE AS	
1	D510984	ROD	
1	911089	MOUNTING-LIFT & TILT-STD	170
1	910834	LIFT RELAY GP-STD	211
2	352203	CHAIN(BULK) 71 LINKS EACH	

834455 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 2,580MM

1	834474	MAST GP	
1	910991	MAST GP(BSC)	201
1	834489	UPRIGHT AS-STATIONARY	
1	834498	UPRIGHT AS-STATIONARY	203
1	834500	UPRIGHT AS-INNER	
1	834508	UPRIGHT AS-INNER	203
2	D510961	LIFT GP	
1	D510959	LIFT GP (BASIC)	209
1	D510994	MAST GP	
1	D510985	ROD	
1	911089	MOUNTING-LIFT & TILT-STD	170
1	910834	LIFT RELAY GP-STD	211
2	352203	CHAIN(BULK) 85 LINKS EACH	

834456 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 2,950MM

1	834475	MAST G	
1	910991	MAST GP(BSC)	201
1	834490	UPRIGHT AS-STATIONARY	
1	834498	UPRIGHT AS-STATIONARY	203
1	834501	UPRIGHT AS-INNER	
1	834508	UPRIGHT AS-INNER	203
2	D510962	LIFT GP	
1	D510959	LIFT GP (BASIC)	209
1	D510995	TUBE AS	
1	D510986	ROD	
1	911089	MOUNTING-LIFT & TILT-STD	170
1	910834	LIFT RELAY GP-STD	211
2	352203	CHAIN(BULK) 95 LINKS EACH	

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

MAST ARRANGEMENTS - STD PART 1 OF 3

13.02

IMPLEMENTS

834457 MAST ARRANGEMENT MAXIMUM FORT HEIGHT 3,230MM

PAGE

1	834476	MAST GP	
1	910991	MAST GP(BSC)	201 13.09
1	834491	UPRIGHT AS-STATIONARY	
1	834498	UPRIGHT AS-STATIONARY	203 13.11
1	834502	UPRIGHT AS-INNER	
1	834508	UPRIGHT AS-INNER	203 13.11
2	D510963	LIFT GP-STD	
1	D510959	LIFT GP (BASIC)	209 13.17
1	D510996	TUBE AS	
1	D510987	ROD	
1	911089	MOUNTING-LIFT & TILT-STD	170 12.23
1	910834	LIFT RELAY GP-STD	211 13.19
2	352203	CHAIN(BULK) 101 LINKS EACH	

834458 MAST ARRANGEMENT MAXIMUM FORT HEIGHT 3,500MM

1	834477	MAST GP	
1	910991	MAST GP(BSC)	201 13.09
1	834492	UPRIGHT AS-STATIONARY	
1	834498	UPRIGHT AS-STATIONARY	203 13.11
1	834503	UPRIGHT AS-INNER	
1	834508	UPRIGHT AS-INNER	203 13.11
2	D510964	LIFT GP	
1	D510959	LIFT GP (BASIC)	209 13.17
1	D510997	TUBE AS	
1	D510988	ROD	
1	911089	MOUNTING-LIFT & TILT-STD	170 12.23
1	910834	LIFT RELAY GP-STD	211 13.19
2	352203	CHAIN(BULK) 115 LINKS EACH	

834459 MAST ARRANGEMENT MAXIMUM FORT HEIGHT 3,800MM

1	834478	MAST GP	
1	910991	MAST GP(BSC)	201 13.09
1	834493	UPRIGHT AS-STATIONARY	
1	834498	UPRIGHT AS-STATIONARY	203 13.11
1	834504	UPRIGHT AS-INNER	
1	834508	UPRIGHT AS-INNER	203 13.11
2	D510965	LIFT GP	
1	D510959	LIFT GP (BASIC)	209 13.17
1	D510998	TUBE AS	
1	D510989	ROD	
1	911089	MOUNTING-LIFT & TILT-STD	170 12.23
1	910834	LIFT RELAY GP-STD	211 13.19
2	352203	CHAIN(BULK) 123 LINKS EACH	

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

MAST ARRANGEMENTS - STD PART 2 OF 3

13.03**IMPLEMENTS****834460 MAST ARRANGEMENT**

MAXIMUM FORT HEIGHT 3,950MM

PAGE

1	834479	MAST GP		
1	910991	MAST GP(BSC)	201	13.09
1	834494	UPRIGHT AS-STATIONARY		
1	834498	UPRIGHT AS-STATIONARY	203	13.11
1	834505	UPRIGHT AS-INNER		
1	834508	UPRIGHT AS-INNER	203	13.11
2	D510966	LIFT GP		
1	D510959	LIFT GP (BASIC)	209	13.17
1	D510999	TUBE AS		
1	D510990	ROD		
1	911089	MOUNTING-LIFT & TILT-STD	170	12.23
1	910834	LIFT RELAY GP-STD	211	13.19
2	352203	CHAIN(BULK) 127 LINKS EACH		

834461 MAST ARRANGEMENT

MAXIMUM FORT HEIGHT 4,350MM

1	834480	MAST GP		
1	910991	MAST GP(BSC)	201	13.09
1	834495	UPRIGHT AS-STATIONARY		
1	834498	UPRIGHT AS-STATIONARY	203	13.11
1	834506	UPRIGHT AS-INNER		
1	834508	UPRIGHT AS-INNER	203	13.11
2	D510967	LIFT GP		
1	D510959	LIFT GP (BASIC)	209	13.17
1	D511000	TUBE AS		
1	D510991	ROD		
1	911089	MOUNTING-LIFT & TILT-STD	170	12.23
1	910834	LIFT RELAY GP-STD	211	13.19
2	352203	CHAIN(BULK) 137 LINKS EACH		

834462 MAST ARRANGEMENT

MAXIMUM FORT HEIGHT 4,960MM

1	834481	MAST GP		
1	910991	MAST GP(BSC)	201	13.09
1	834496	UPRIGHT AS-STATIONARY		
1	834498	UPRIGHT AS-STATIONARY	203	13.11
1	834507	UPRIGHT AS-INNER		
1	834508	UPRIGHT AS-INNER	203	13.11
2	D510968	LIFT GP		
1	D510959	LIFT GP (BASIC)	209	13.17
1	D511001	TUBE AS		
1	D510992	ROD		
1	911089	MOUNTING-LIFT & TILT-STD	170	12.23
1	910834	LIFT RELAY GP-STD	211	13.19
2	352203	CHAIN(BULK) 153 LINKS EACH		

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

MAST ARRANGEMENTS - STD PART 3 OF 3

13.04**IMPLEMENTS****834464 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 2,580MM**

PAGE

1	911471	MAST GP	201	13.09
1	910991	MAST GP(BSC)	201	
1	911531	UPRIGHT AS-STATIONARY	204	13.12
1	911079	UPRIGHT AS-STATIONARY	204	
1	911532	UPRIGHT AS-INNER	204	13.12
1	911088	UPRIGHT AS-INNER (BASIC)	204	
1	D504043	PRIMARY LIFT GP	208	13.16
1	D504041	LIFT GP (BASIC)	208	
1	D511020	TUBE ASS'Y		
1	D511012	ROD		
2	D511002	LIFT GP-SEC	210	13.18
1	D511011	LIFT GP (BASIC)	210	
1	D511024	TUBE AS		
1	D511016	ROD		
1	911474	MOUNTING GP-LIFT & TILT	171	13.231
1	911181	MOUNTING GP-LIFT & TILT	171	
1	911609	CHANNEL AS (A)		
1	911610	CHANNEL AS (B)		
1	911602	HOSE AS		
1	834482	RELAY GP-LIFT	212	13.20
2	352203	CHAIN(BULK) 59 LINKS EACH		
2	352203	CHAIN(BULK) 65 LINKS EACH		

**834465 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 2,950MM**

1	911476	MAST GP	201	13.09
1	910991	MAST GP(BSC)	201	
1	911535	UPRIGHT AS-STATIONARY	204	
1	911079	UPRIGHT AS-STATIONARY	204	
1	911536	UPRIGHT AS-INNER	204	
1	911088	UPRIGHT AS-INNER (BASIC)	204	
1	D504044	PRIMARY LIFT GP	208	
1	D504041	LIFT GP (BASIC)	208	
1	D511021	TUBE ASS'Y		
1	D511013	ROD		
2	D511003	LIFT GP-SEC	210	
1	D511011	LIFT GP (BASIC)	210	
1	D511025	TUBE AS		
1	D511017	ROD		
1	911479	MOUNTING GP-LIFT & TILT	171	
1	911181	MOUNTING GP-LIFT & TILT	171	
1	911611	CHANNEL AS (A)		
1	911612	CHANNEL AS (B)		
1	911605	HOSE AS		
1	834482	RELAY GP-LIFT	212	
2	352203	CHAIN(BULK) 57 LINKS EACH		
2	352203	CHAIN(BULK) 71 LINKS EACH		

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MAST ARRANGEMENTS - FFL PART 1 OF 2

13.05**IMPLEMENTS**

834466 MAST ARRANGEMENT		PAGE
MAXIMUM FORT HEIGHT 3,230MM		
1	910864 MAST GP	
1	910991 MAST GP(BSC)	201 <i>13.09</i>
1	911078 UPRIGHT AS-STATIONARY	
1	911079 UPRIGHT AS-STATIONARY	204
1	911087 UPRIGHT AS-INNER	
1	911088 UPRIGHT AS-INNER (BASIC)	204
1	D504042 PRIMARY LIFT GP	
1	D504041 LIFT GP (BASIC)	208
1	D511022 TUBE ASS'Y	
1	D511014 ROD	
2	D511004 LIFT GP-SEC	
1	D511011 LIFT GP (BASIC)	210
1	D511026 TUBE AS	
1	D511018 ROD	
1	910866 MOUNTING GP-LIFT & TILT	
1	911181 MOUNTING GP-LIFT & TILT	171
1	911095 CHANNEL AS(A)	
1	911101 CHANNEL AS(B)	
1	911193 HOSE AS	
1	834482 RELAY GP-LIFT	212
2	352203 CHAIN(BULK) 63 LINKS EACH	
2	352203 CHAIN(BULK) 75 LINKS EACH	
834467 MAST ARRANGEMENT		
MAXIMUM FORT HEIGHT 3,600MM		
1	911481 MAST GP	
1	910991 MAST GP(BSC)	201 <i>13.09</i>
1	911533 UPRIGHT AS-STATIONARY	
1	911079 UPRIGHT AS-STATIONARY	204
1	911534 UPRIGHT AS-INNER	
1	911088 UPRIGHT AS-INNER (BASIC)	204
1	D504045 PRIMARY LIFT GPI	
1	D504041 LIFT GP (BASIC)	208
1	D511023 TUBE ASS'Y	
1	D511015 ROD	
2	D511005 LIFT GP-SEC	
1	D511011 LIFT GP (BASIC)	210
1	D511027 TUBE AS	
1	D511019 ROD	
1	911484 MOUNTING GP-LIFT & TILT	
1	911181 MOUNTING GP-LIFT & TILT	171
1	911613 CHANNEL AS (A)	
1	911614 CHANNEL AS (B)	
1	911608 HOSE AS	
1	834482 RELAY GP-LIFT	212
2	352203 CHAIN(BULK) 65 LINKS EACH	
2	352203 CHAIN(BULK) 81 LINKS EACH	

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MAST ARRANGEMENTS - FFL PART 2 OF 2

13.06**IMPLEMENTS****834468 MAST ARRANGEMENT**
MAXIMUM FORT HEIGHT 3,900MM

PAGE

1	911486	MAST GP		
1	910964	MAST GP-FFT	202	13.10
1	911537	UPRIGHT AS-STATIONARY		
1	910966	UPRIGHT AS-STATIONARY	205	13.13
1	911538	UPRIGHT AS-INTERMEDIATE		
1	910972	UPRIGHT AS-INTERMEDIATE	205	13.13
1	911539	UPRIGHT AS-INNER		
1	910978	UPRIGHT AS-INNER	205	13.13
1	D504056	PRIMARY LIFT GP		
1	D504046	LIFT GP (BASIC)	207	13.15
1	D511043	TUBE AS		
1	D511038	ROD		
2	D511006	SECONDARY LIFT GP		
1	D510959	LIFT GP (BASIC)	209	13.17
1	D511033	TUBE AS		
1	D511028	ROD		
1	911489	MOUNTING GP-LIFT & TILT		
1	920579	MOUNTING GP-LIFT & TILT	172, 173	12.25, 12.26
1	911581	HOSE AS		
1	911773	TUBE AS		
1	834485	RELAY GP-LIFT	213	13.21
2	352203	CHAIN(BULK) 81 LINKS EACH		
2	352203	CHAIN(BULK) 67 LINKS EACH		

834469 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 4,290MM

1	911491	MAST GP		
1	910964	MAST GP-FFT	202	
1	911540	UPRIGHT AS-STATIONARY		
1	910966	UPRIGHT AS-STATIONARY	205	
1	911541	UPRIGHT AS-INTERMEDIATE		
1	910972	UPRIGHT AS-INTERMEDIATE	205	
1	911542	UPRIGHT AS-INNER		
1	910978	UPRIGHT AS-INNER	205	
1	D504058	PRIMARY LIFT GP		
1	D504046	LIFT GP (BASIC)	207	
1	D511044	TUBE AS		
1	D511039	ROD		
2	D511007	SECONDARY LIFT GP		
1	D510959	LIFT GP (BASIC)	209	
1	D511034	TUBE AS		
1	D511029	ROD		
1	911494	MOUNTING GP-LIFT & TILT		
1	920579	MOUNTING GP-LIFT & TILT	172, 173	
1	911583	HOSE AS		
1	911774	TUBE AS		
1	834485	RELAY GP-LIFT	213	
2	352203	CHAIN(BULK) 87 LINKS EACH		
2	352203	CHAIN(BULK) 71 LINKS EACH		

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10-0001~2318 12-0001~9302**MAST ARRANGEMENTS - FFT PART 1 OF 3**

13.07

IMPLEMENTS

834470 MAST ARRANGEMENT		PAGE
MAXIMUM FORT HEIGHT 4,790MM		
1	910849 MAST GP	
1	910964 MAST GP-FFT	202
1	910965 UPRIGHT AS-STATIONARY	
1	910966 UPRIGHT AS-STATIONARY	205
1	910971 UPRIGHT AS-INTERMEDIATE	
1	910972 UPRIGHT AS-INTERMEDIATE	205
1	910977 UPRIGHT AS-INNER	
1	910978 UPRIGHT AS-INNER	205
1	D504055 PRIMARY LIFT GP	
1	D504046 LIFT GP (BASIC)	207
1	D511045 TUBE AS	
1	D511040 ROD	
2	D511008 SECONDARY LIFT GP	
1	D510959 LIFT GP (BASIC)	209
1	D511035 TUBE AS	
1	D511030 ROD	
1	910854 MOUNTING GP-LIFT & TILT	
1	920579 MOUNTING GP-LIFT & TILT	172,173
1	911358 HOSE AS	
1	911772 TUBE AS	
1	834485 RELAY GP-LIFT	213
2	352203 CHAIN(BULK) 95 LINKS EACH	
2	352203 CHAIN(BULK) 75 LINKS EACH	

834471 MAST ARRANGEMENT		
MAXIMUM FORT HEIGHT 5,560MM		
1	910912 MAST GP	
1	910964 MAST GP-FFT	202
1	911376 UPRIGHT AS-STATIONARY	
1	910966 UPRIGHT AS-STATIONARY	205
1	911377 UPRIGHT AS-INTERMEDIATE	
1	910972 UPRIGHT AS-INTERMEDIATE	205
1	911378 UPRIGHT AS-INNER	
1	910978 UPRIGHT AS-INNER	205
1	D504057 PRIMARY LIFT GP	
1	D504046 LIFT GP (BASIC)	207
1	D511046 TUBE AS	
1	D511041 ROD	
2	D511009 LIFT GP SECONDARY	
1	D510959 LIFT GP (BASIC)	209
1	D511036 TUBE AS	
1	D511031 ROD	
1	910921 MOUNTING GP-LIFT & TILT	
1	920579 MOUNTING GP-LIFT & TILT	172,173
1	911413 HOSE AS	
1	911775 TUBE AS	
1	834485 RELAY GP-LIFT	213
2	352203 CHAIN(BULK) 113 LINKS EACH	
2	352203 CHAIN(BULK) 83 LINKS EACH	

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MAST ARRANGEMENTS - FFT PART 2 OF 3

13.08

IMPLEMENTS

834472 MAST ARRANGEMENT
MAXIMUM FORT HEIGHT 6,010MM

PAGE

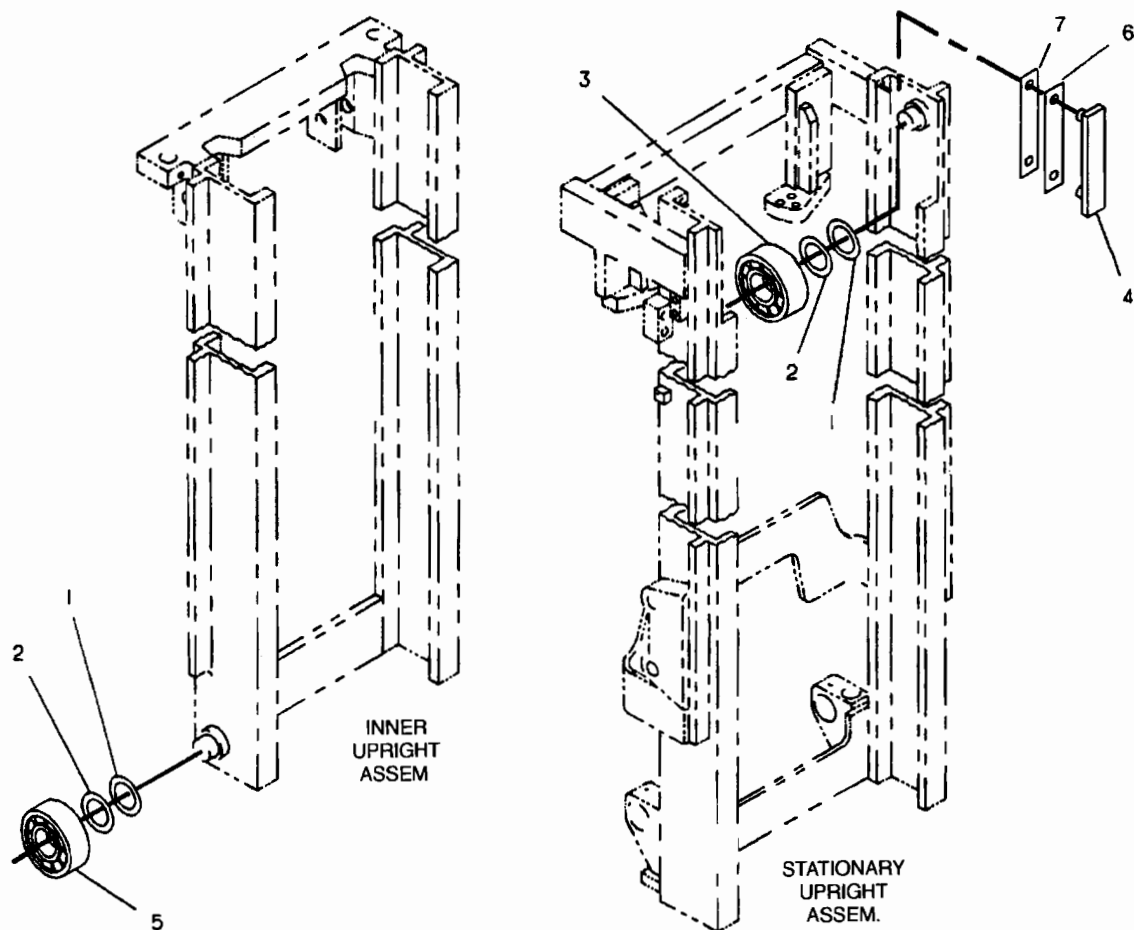
1	911496	MAST GP	
1	910964	MAST GP-FFT	202 13.10
1	911546	UPRIGHT AS-STATIONARY	
1	910966	UPRIGHT AS-STATIONARY	205 13.13
1	911547	UPRIGHT AS-INTERMEDIATE	
1	910972	UPRIGHT AS-INTERMEDIATE	205 13.13
1	911548	UPRIGHT AS-INNER	
1	910978	UPRIGHT AS-INNER	205 13.13
1	D504059	PRIMARY LIFT GP	
1	D504046	LIFT GP (BASIC)	207 13.15
1	D511047	TUBE AS	
1	D511042	ROD	
2	D511010	LIFT GP-SEC	
1	D510959	LIFT GP (BASIC)	209 13.17
1	D511037	TUBE AS	
1	D511032	ROD	
1	911499	MOUNTING GP-LIFT & TILT	
1	920579	MOUNTING GP-LIFT & TILT	172,173 12.25, 12.26
1	911591	HOSE AS	
1	911776	TUBE AS	
1	834485	RELAY GP-LIFT	213 13.21
2	352203	CHAIN(BULK) 121 LINKS EACH	
2	352203	CHAIN(BULK) 89 LINKS EACH	

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10-0001~2318 12-0001~9302

MAST ARRANGEMENTS - FFT PART 3 OF 3

13.09

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	910950	16	SHIM(ROUND)					
B	2	910949	12	SHIM					
	3	910946	2	BEARING-MAST					
	4	910992	2	PAD					
J	5	910946	2	BEARING-MAST					
J		911639	2	BEARING-MAST					
J		911640	2	BEARING-MAST					
B	6	911659	2	SHIM					
B	7	911660	2	SHIM					

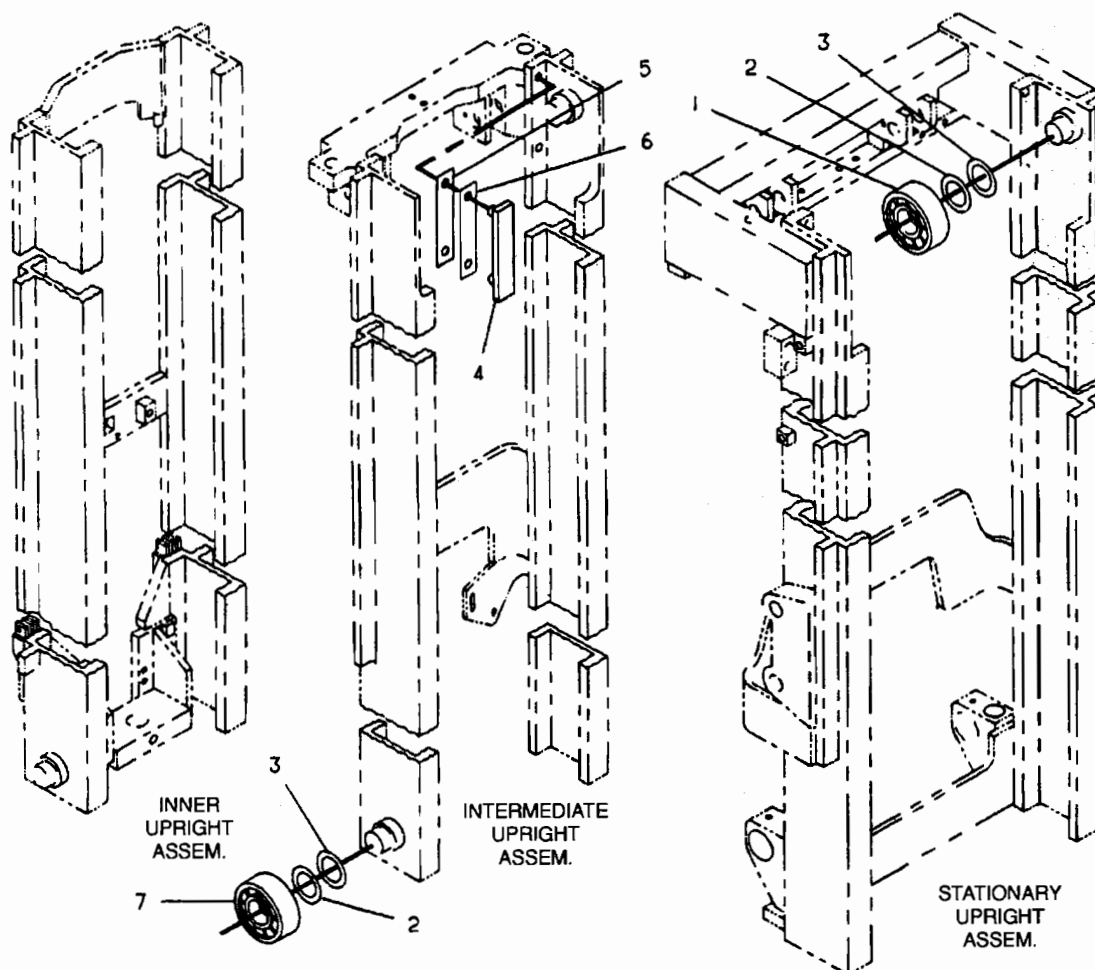
B-USE AS REQUIRED
J-MUST USE SAME BEARING

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

910991 MAST GP - STD, FFL
Refer To G5 Type - Fig.16.01

13.10

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	910946	4	BEARING-MAST					
B	2	910950	24	SHIM(ROUND)					
B	3	910949	16	SHIM					
	4	910992	4	PAD					
B	5	911659	4	SHIM					
B	6	911660	4	SHIM					
J	7	910946	4	BEARING-MAST					
J		911639	4	BEARING-MAST					
J		911640	4	BEARING-MAST					

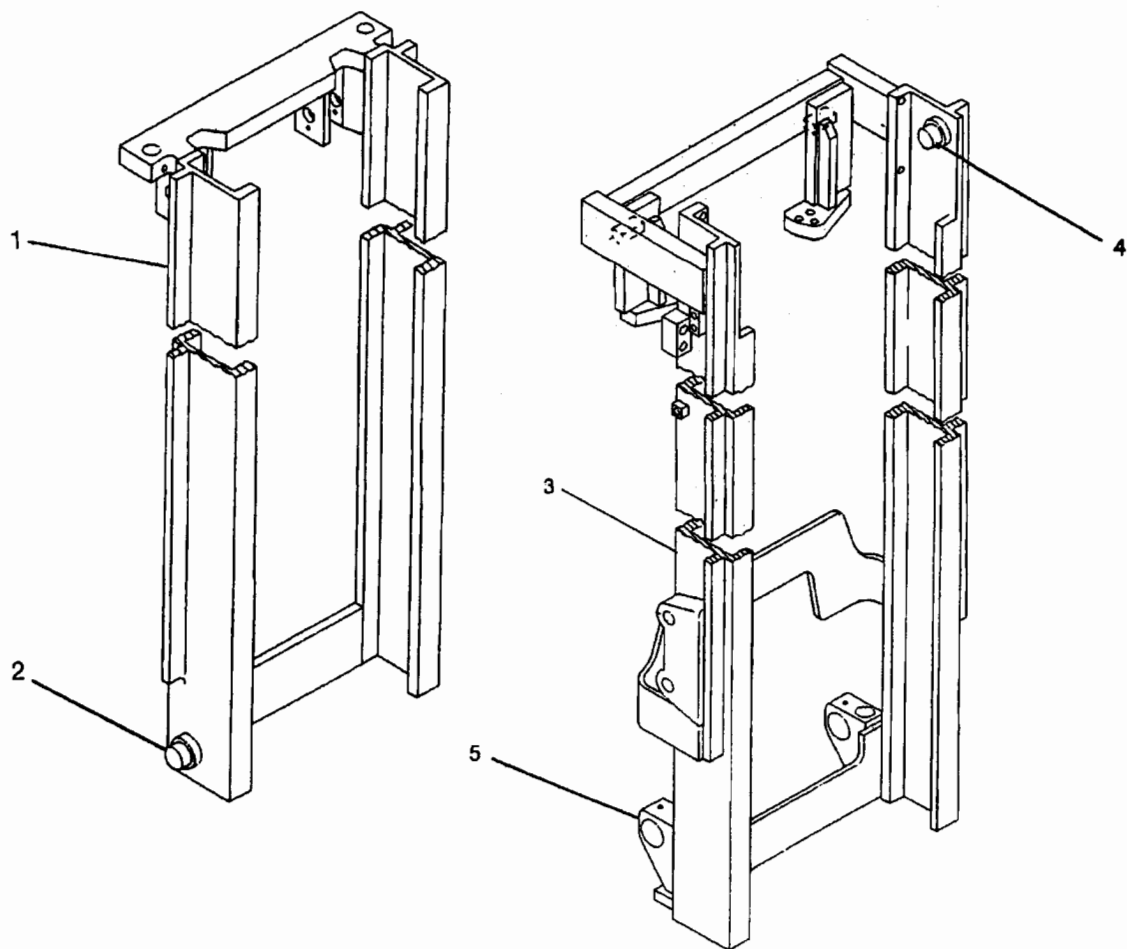
B-USE AS REQUIRED
J-MUST USE SAME BEARING

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

910964 MAST GP - FFT
Refer To G5 Type - Fig.16.02

13.11

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	834508	1	UPRIGHT AS-INNER					
	2	A176668	2	PIN					
	3	834498	1	UPRIGHT AS-STATIONARY					
		834497	1	UPRIGHT AS-STATIONARY					
Z	4	A176668	2	PIN					
Z	5	911754	1	BAR AS-HINGE					

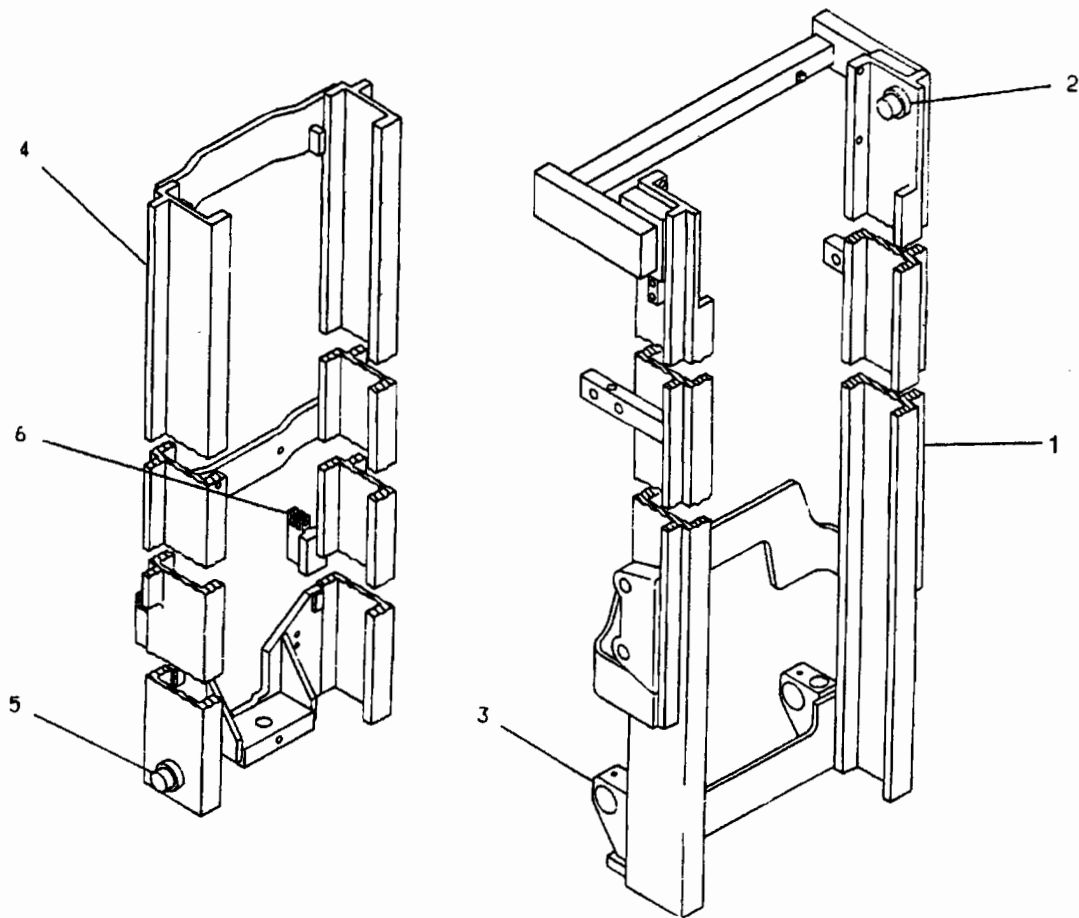
Z-NOT SERVICED SEPARATELY

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834508A MAST - STD
Refer To G5 Type - Fig.16.03

13.12

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911079	1	UPRIGHT AS-STATIONARY					
Z	2	-	2	PIN					
Z	3	-	1	BAR AS-HINGE					
	4	911088	1	UPRIGHT AS-INNER					
Z	5	-	2	PIN					
Z	6	-	2	ANCHOR AS					

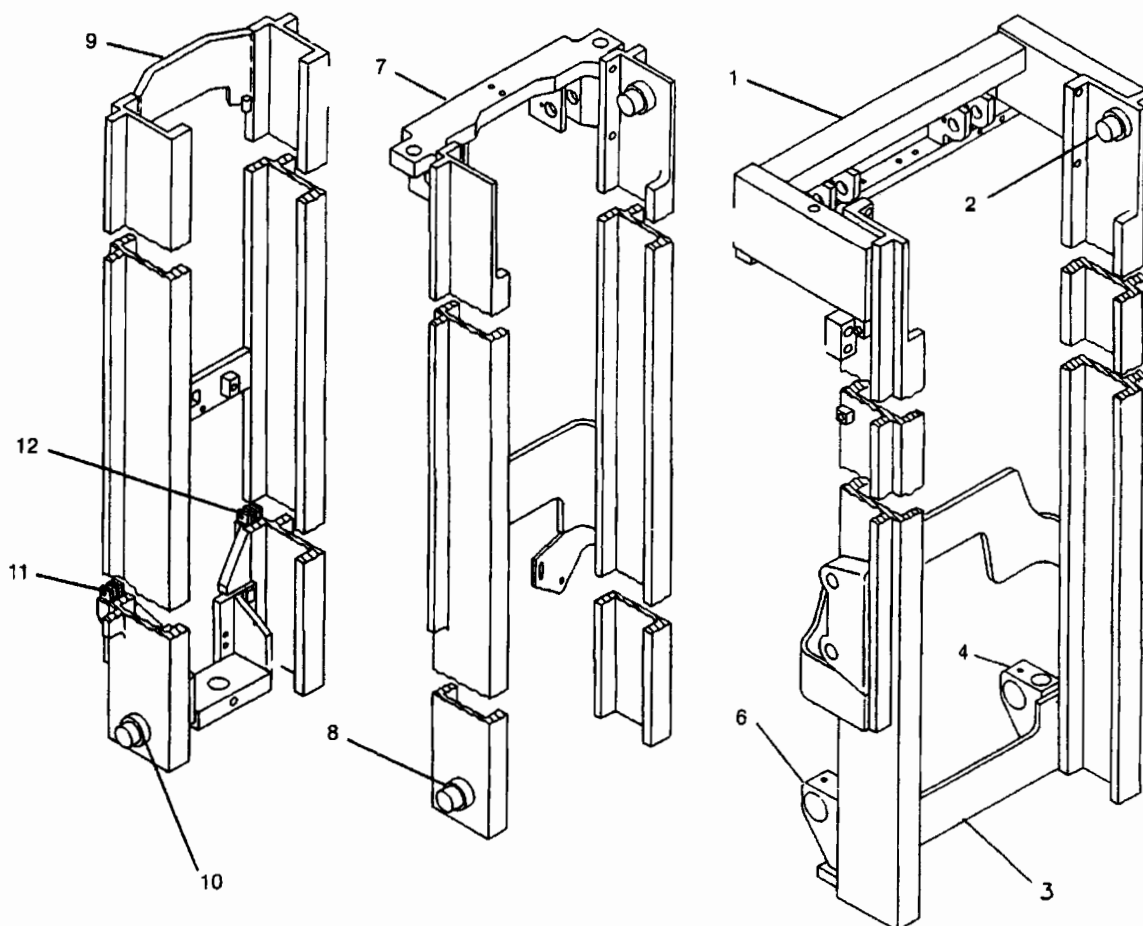
Z-NOT SERVICED SEPARATELY

09-0001~1250 11-0001~0820
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911079A MAST - FFL
Refer To G5 Type - Fig.16.04

13.13

IMPLEMENTS



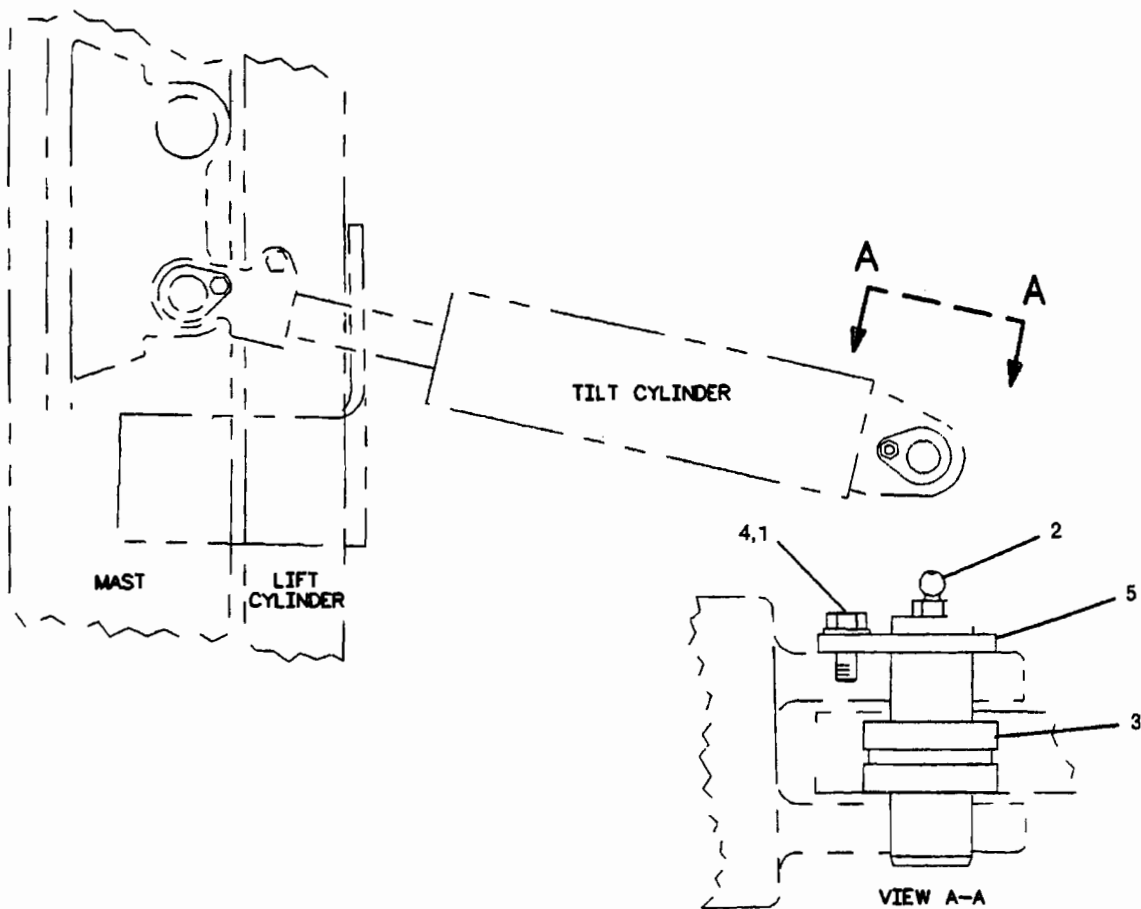
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	910966	1	UPRIGHT AS-STATIONARY					
	2	-	2	PIN					
	3	-	1	BAR AS-HINGE					
	4	-	1	HINGE(R.H.)					
	6	-	1	HINGE(L.H.)					
	7	910972	1	UPRIGHT AS-INTERMEDIATE					
	8	-	4	PIN					
	9	910978	1	UPRIGHT AS-INNER					
	10	-	2	PIN					
	11	-	1	ANCHOR-RH					
	12	-	1	ANCHOR-LH					

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910966A MAST - FFT
Refer To G5 Type - Fig.16.05

13.14

IMPLEMENTS



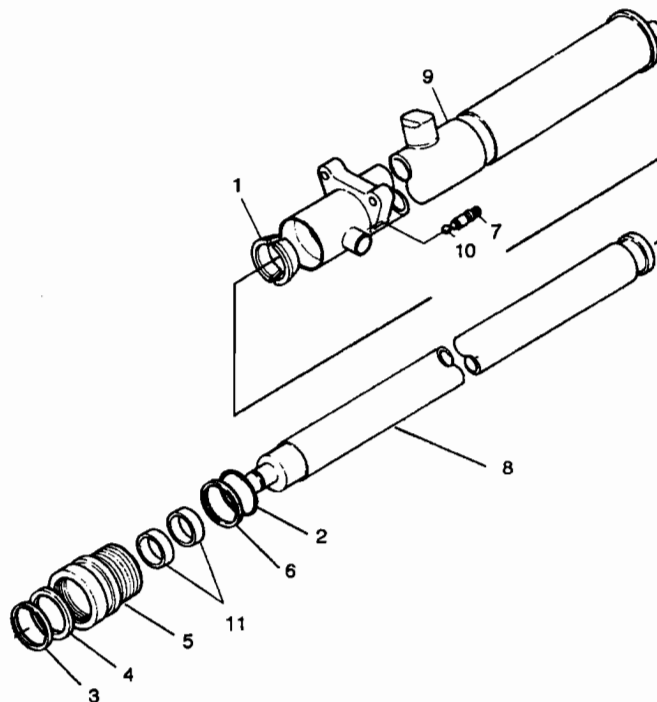
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P0537	2	WASHER-HARD					
	2	6V1506	2	FITTING					
	3	6V7669	2	BEARING					
	4	6V7727	2	BOLT					
	5	911387	2	PIN AS					

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910831 MAST MOUNTING
Refer To G5 Type - Fig.16.051

13.15

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D511103	1	RING					
J	2	D511107	1	SEAL-O-RING					
J	3	D511104	1	SEAL-WIPER					
J	4	D511105	1	SEAL-U-CUP					
	5	D510838	1	BEARING					
J	6	D511106	1	RING					
	7	D511102	3	SCREW-BLEEDER					
	8	-	-	ROD-SEE MAST ARR					
	9	-	-	TUBE AS-SEE MAST ARR					
	10	D511108	3	BALL					
J	11	D510839	2	RING-SLYD					
		D511109		THE FOLLOWING REPAIR GROUP IS AVAILABLE : REPACKING GP-PRI CYL (INCLUDES PARTS MARKED J)					
09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302									

D504046 LIFT GP - PRIMARY - FFT

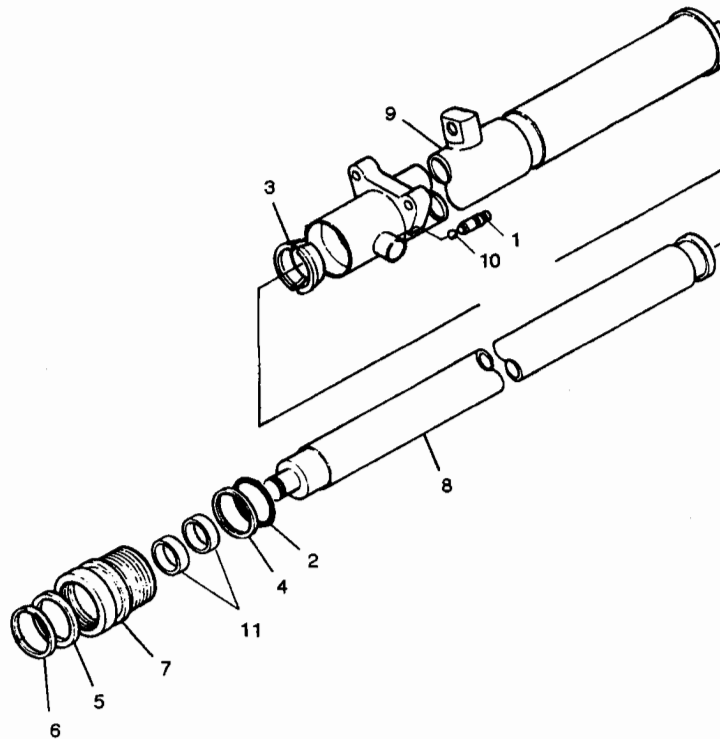
Part Of D504056, D504058, D504055, D504057, D504059 Lifts

An Attachment

Refer To G5 Type - Fig.16.10

13.16

IMPLEMENTS

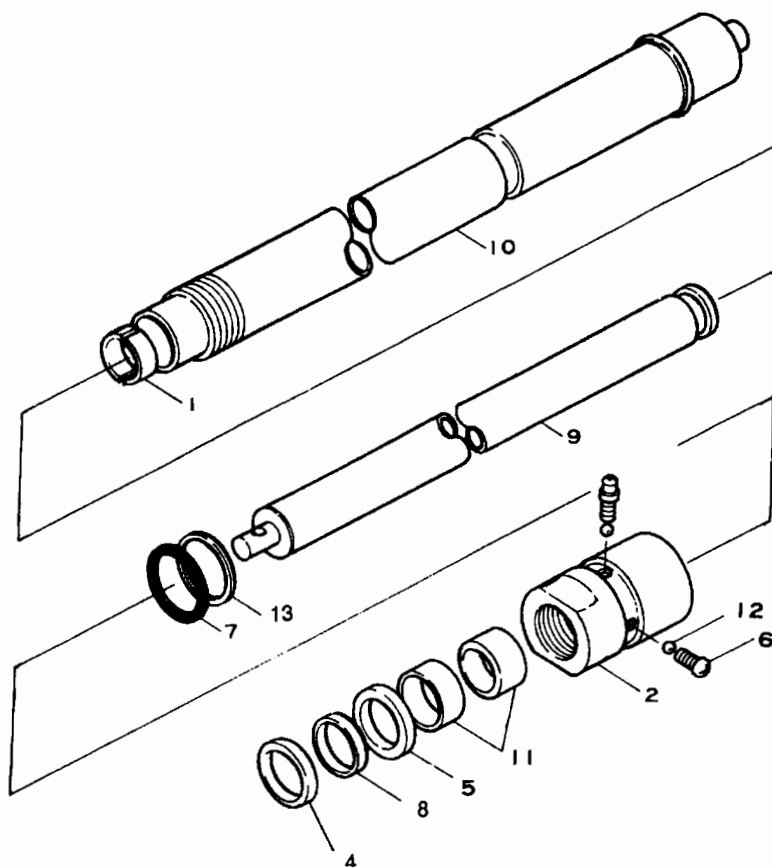


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D511102	3	SCREW-BLEEDER					
	2	D511107	1	SEAL-O-RING					
J	3	D511103	1	RING					
J	4	D511106	1	RING					
J	5	D511105	1	SEAL-U-CUP					
J	6	D511104	1	SEAL-WIPER					
	7	D510838	1	BEARING					
K	8		-	ROD-SEE MAST ARR					
K	9		-	TUBE AS-SEE MAST ARR					
	10	D511108	3	BALL					
J	11	D510839	2	RING-SLYD					
		D511109		THE FOLLOWING REPAIR GROUP IS AVAILABLE : REPACKING GP-PRI CYL (INCLUDES PARTS MARKED J)					
K-SEE MAST ARRANGEMENT					09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302				

D504041 LIFT GP - PRIMARY - FFL
Part Of D504043, D504044, D504042, D504045 Lifts
An Attachment
Refer To G5 Type - Fig.16.12
- 208 - D139175

13.17

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D511110	1	RING					
	2	D511111	1	NUT-GLAND					
J	4	D184114	1	SEAL-WIPER					
J	5	D511114	1	SEAL-U-CUP					
	6	D915005	3	SCREW-SET HX SCKT(FT PT)					
J	7	D511112	1	SEAL-O-RING					
J	8	D511118	1	RING					
K	9	-	-	ROD-SEE MAST ARR					
K	10	-	-	TUBE AS-SEE MAST ARR					
	11	D511116	2	RING-WAER					
	12	D510695	3	BALL					
J	13	D501718	1	RING-BACKUP					
		D511159		THE FOLLOWING REPAIR GROUP IS AVAILABLE : REPACKING GP-SEC CYL (INCLUDES PARTS MARKED J)					
K-SEE MAST ARRANGEMENT					09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302				

D510959 LIFT GP - SECONDARY - STD, FFT

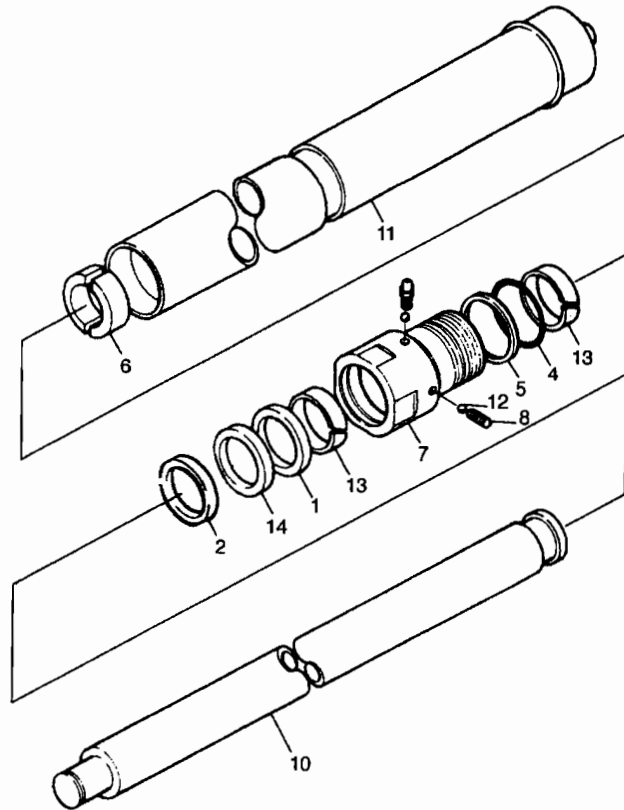
Part Of D510960, D510961, D510962, D510963, D510964, D510965, D510966, D510967, D510968, Lifts - STD & D511006, D511007, D511008, D511009, D511010 Lifts - Secondary - FFT

An Attachment

Refer To G5 Type - Fig.16.13, Fig.16.09

13.18

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D51114	1	SEAL-U-CUP					
J	2	D184114	1	SEAL-WIPER					
J	4	D501219	1	O-RING-SEAL					
J	5	D501220	1	RING-BACK UP					
	6	D511110	1	RING					
	7	D511120	1	BEARING					
	8	D915005	3	SCREW-SET HX SCKT(FT PT)					
K	9	-	-	ROD-SEE MAST ARR					
K	10	-	-	TUBE AS-SEE MAST ARR					
	12	D510695	3	BALL					
J	13	D511116	2	RING-WAER					
	14	D511118	1	RING-BACKUP					
		D511158		THE FOLLOWING REPAIR REPAIR GROUP IS AVAILABLE : REPACKING GP-SEC CYL (INCLUDES PARTS MARKED J)					

K-SEE MAST ARRANGEMENT

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D511011 LIFT GP - SECONDARY - FFL

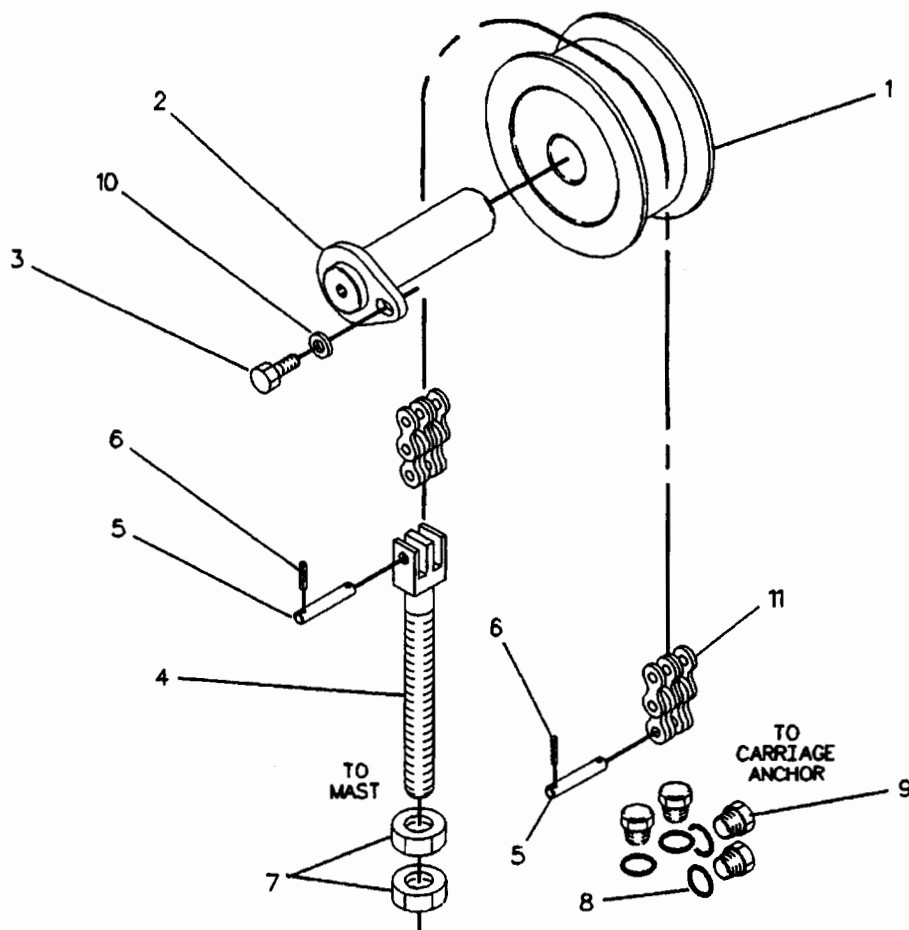
Part Of D511002, D511003, D511004, D511005 Lifts

An Attachment

Refer To G5 Type - Fig.16.11

13.19

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
KA	1	910963	2	ROLLER AS					
	2	911016	2	PIN AS					
	3	6V7727	2	BOLT					
	4	911146	2	BOLT-CHAIN					
	5	911147	4	PIN					
	6	6V7647	8	PIN-SPRING					
	7	6V7745	4	NUT					
	8	3J1907	8	SEAL-O-RING					
	9	9S4191	8	PLUG					
	10	8T4205	2	WASHER-HARD					
	11	-	-	CHAIN CARRIAGE					

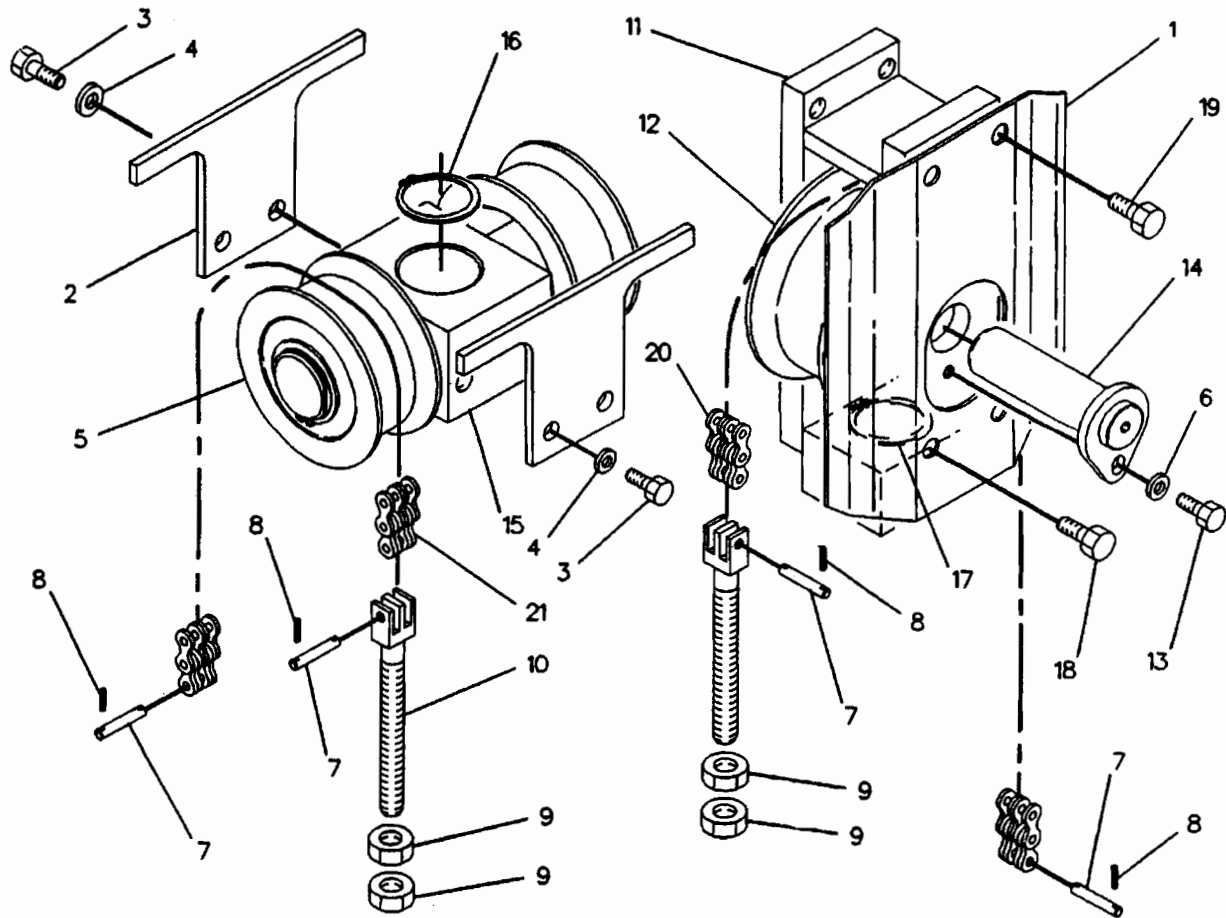
K-SEE MAST ARRANGEMENT
A-NOT PART OF THIS GROUP

09-0001~1250 11-0001~0820
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910834 LIFT RELAY GP - STD
Refer To G5 Type - Fig.16.06

13.20

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	911516	2	SHIELD					
	2	988012	2	GUARD-CHAIN					
	3	6V5215	4	BOLT					
	4	9M1974	4	WASHER					
	5	910961	2	ROLLER AS					
	6	8T4205	2	WASHER-HARD					
	7	911147	8	PIN					
	8	6V7647	16	PIN-SPRING					
	9	6V7745	8	NUT					
	10	911146	4	BOLT-CHAIN					
	11	988001	2	CROSSHEAD AS					
	12	910962	2	ROLLER AS					
	13	6V7727	2	BOLT					
	14	911016	2	PIN AS					
	15	834453	1	CROSSHEAD					
	16	6V7645	2	RING-RETAINING					
	17	6V7644	2	RING-RETAINING					
	18	6V2316	4	BOLT					
	19	6V5221	4	BOLT					
KA	20	-	-	CHAIN-MAST					
KA	21	-	-	CHANE-CARRIAGE					

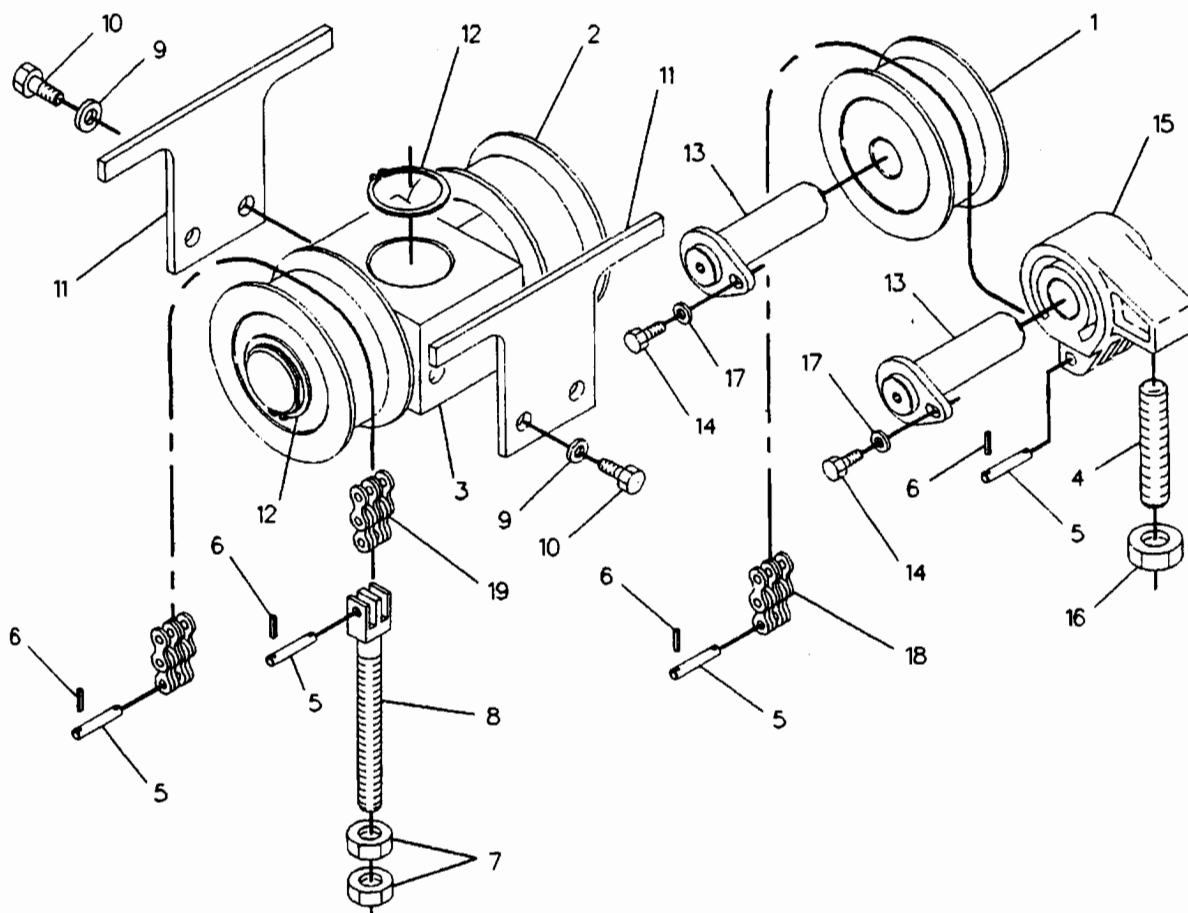
A-NOT PART OF THIS GROUP
K-SEE MAST ARRANGEMENT

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10-0001~2318 12-0001~9302

834482 LIFT RELAY GP - FFL
Refer To G5 Type - Fig.16.07

13.21

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	910963	2	ROLLER AS					
	2	910961	2	ROLLER AS					
	3	834453	1	CROSSHEAD					
	4	6V7982	2	SETSCREW-SOCKET					
	5	911147	8	PIN					
	6	6V7647	16	PIN-SPRING					
	7	6V7745	4	NUT					
	8	911146	2	BOLT-CHAIN					
	9	8T4224	4	WASHER					
	10	8T4200	4	BOLT					
	11	988012	2	GUARD-CHAIN					
	12	6V7645	3	RING-RETAINING					
	13	911016	4	PIN AS					
	14	6V7727	4	BOLT					
	15	910988	2	ANCHOR					
	16	6V7742	2	NUT-FULL					
	17	8T4205	4	WASHER-HARD					
KA	18	-	-	CHAIN-MAST					
KA	19	-	-	CHANE-CARRIAGE					

A-NOT PART OF THIS GROUP
K-SEE MAST ARRANGEMENT

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

834485. LIFT RELAY GP - FFT
Refer To G5 Type - Fig.16.08

13.22

IMPLEMENTS

D350362 CARRIAGE ARRANGEMENT(2/2.5 TON CLASS) STD PAGE

1	D350380	CARRIAGE AS	215
1	D360161	CARRIAGE-MOUNTING	221
4	6V7611	BOLT	
4	8T4223	WASHER	

D350363 CARRIAGE ARRANGEMENT(2/2.5 TON CLASS) FFL

1	D350381	CARRIAGE AS-FFL CLS 2	216
1	D360161	CARRIAGE-MOUNTING	221
4	6V7611	BOLT	
4	8T4223	WASHER	

D350364 CARRIAGE ARRANGEMENT(2/2.5 TON CLASS) FFT

1	D350382	CARRIAGE AS	217
1	D360161	CARRIAGE-MOUNTING	221
4	6V7611	BOLT	
4	8T4223	WASHER	

D350365 CARRIAGE ARRANGEMENT(3 TON CLASS) STD

1	D350383	CARRIAGE AS-STD CLS 3	218
1	D360161	CARRIAGE-MOUNTING	221
4	6V7611	BOLT	
4	8T4223	WASHER	

D350366 CARRIAGE ARRANGEMENT(3 TON CLASS) FFT

1	D350384	CARRIAGE AS-FFT CLS 3	219
1	D360161	CARRIAGE-MOUNTING	221
4	6V7611	BOLT	
4	8T4223	WASHER	

D350367 CARRIAGE ARRANGEMENT(3 TON CLASS) FFL

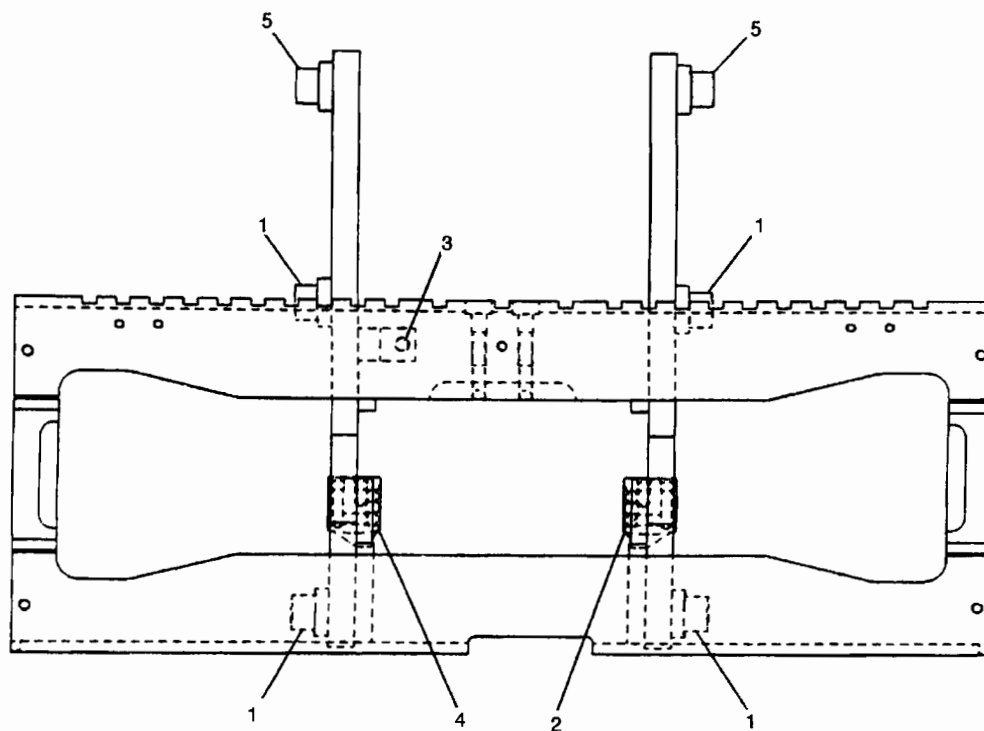
1	D350385	CARRIAGE AS-FFT CLS 3	220
1	D360161	CARRIAGE-MOUNTING	221
4	6V7611	BOLT	
4	8T4223	WASHER	

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

CARRIAGE ARRANGEMENTS

13.23

IMPLEMENTS

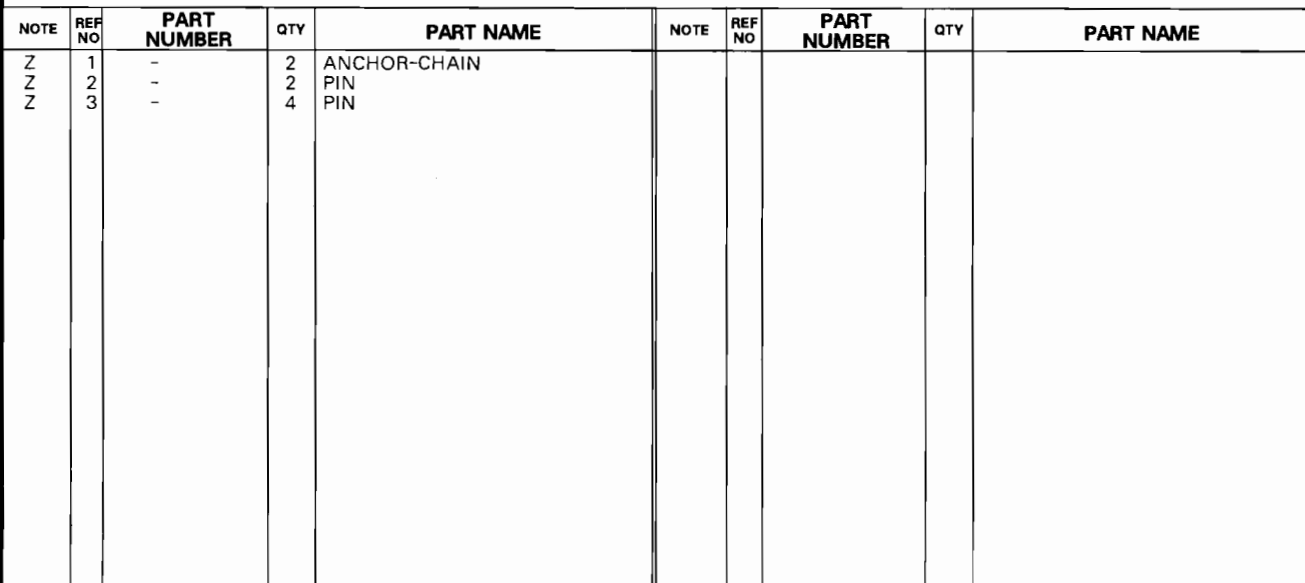


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	-	4	PIN					
Z	2	-	1	ANCHOR-LH CHAIN					
Z	3	-	1	BLOCK					
Z	4	-	1	ANCHOR-RH CHAIN					
Z	5	-	2	PIN					

Z-NOT SERVICED SEPARATELY

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

D350380 CARRIAGE AS - STD
(2 Ton , 2.5 Ton Class)
Refer To G5 Type - Fig.16.14

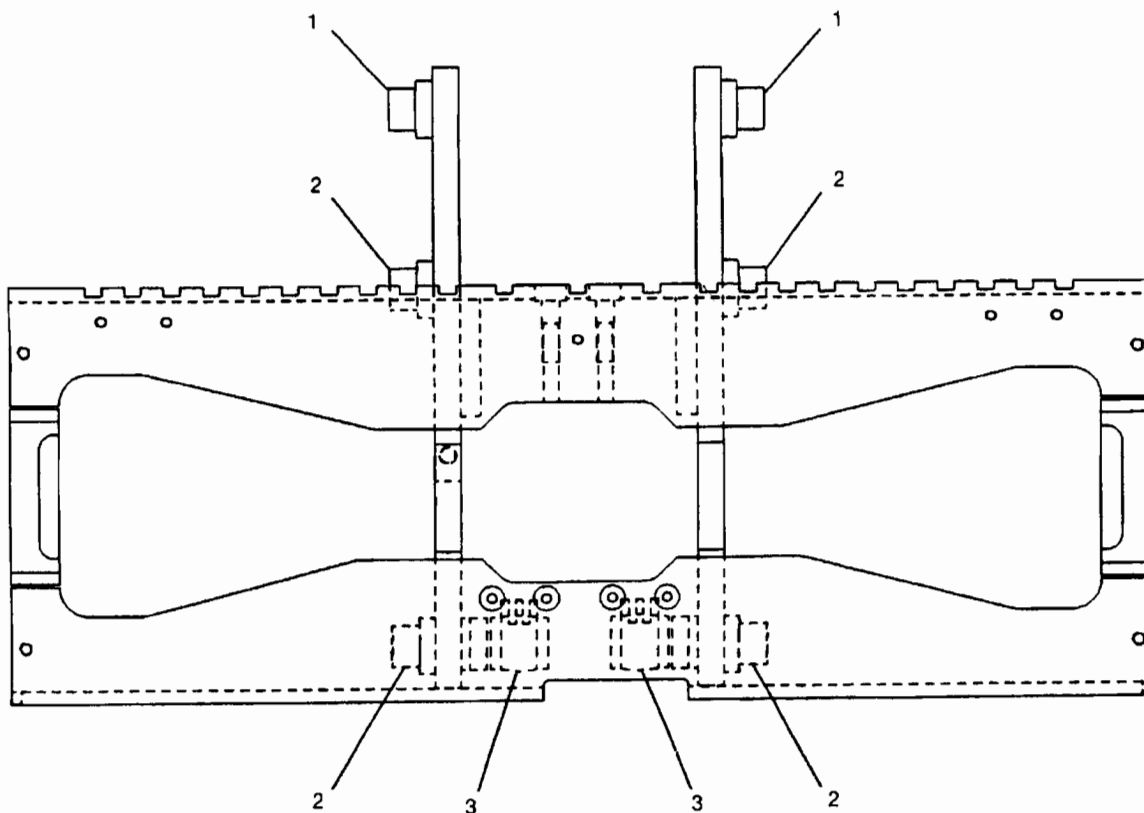


09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

- 216 - D139175

13.25

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	977590	2	PIN					
Z	2	977591	4	PIN					
Z	3	910893	2	ANCHOR-CHAIN					

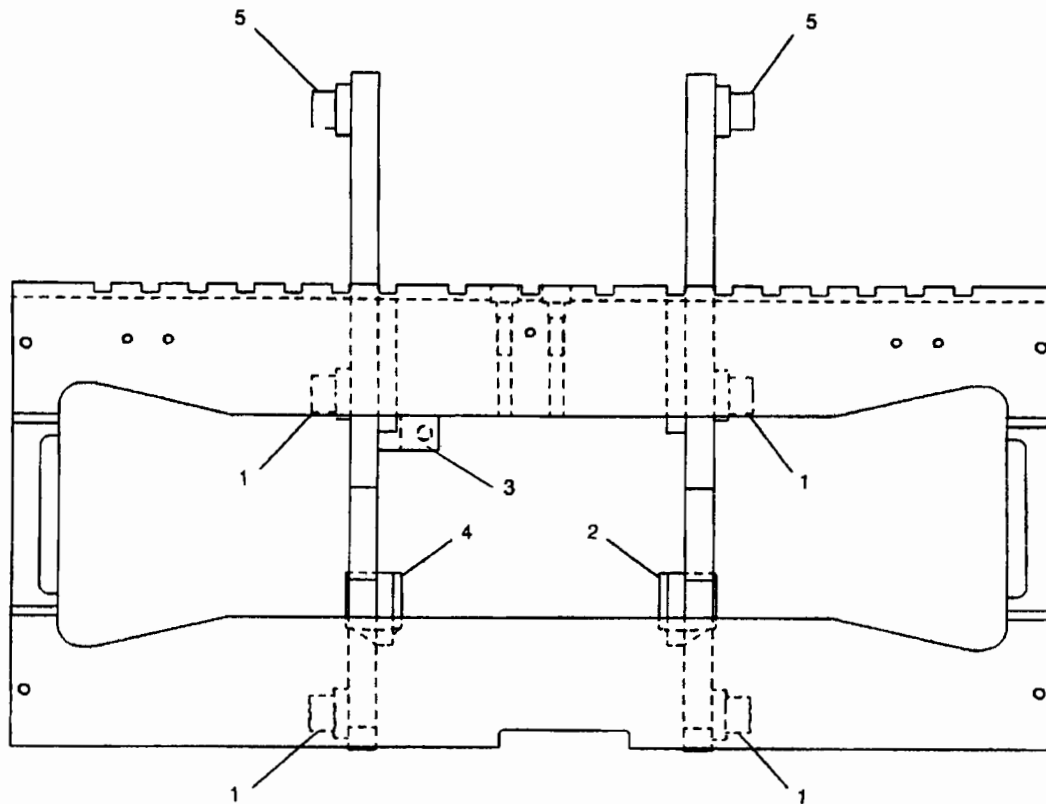
Z-NOT SERVICED SEPARATELY

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

D350382 CARRIAGE AS - FFT
(2 Ton , 2.5 Ton Class)
Refer To G5 Type - Fig.16.15

13.26

IMPLEMENTS

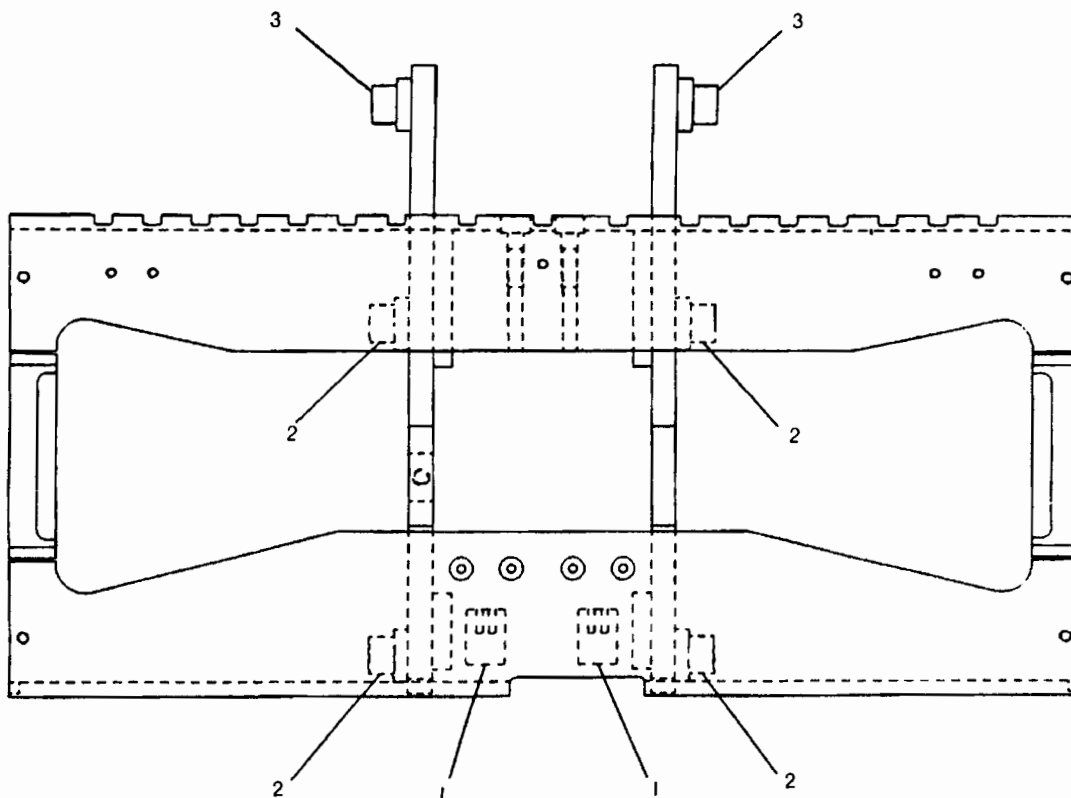


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	977591	4	PIN					
Z	2	911363	1	ANCHOR-LH CHAIN					
Z	3	911350	1	BLOCK					
Z	4	911309	1	ANCHOR-RH CHAIN					
Z	5	977590	2	PIN					
Z-NOT SERVICED SEPARATELY					09-0001~1250 11-0001~0820 10-0001~2318 12-0001~9302				

D350383 CARRIAGE AS - STD
 (3 Ton Class)
 Refer To G5 Type - Fig.16.14

13.27

IMPLEMENTS

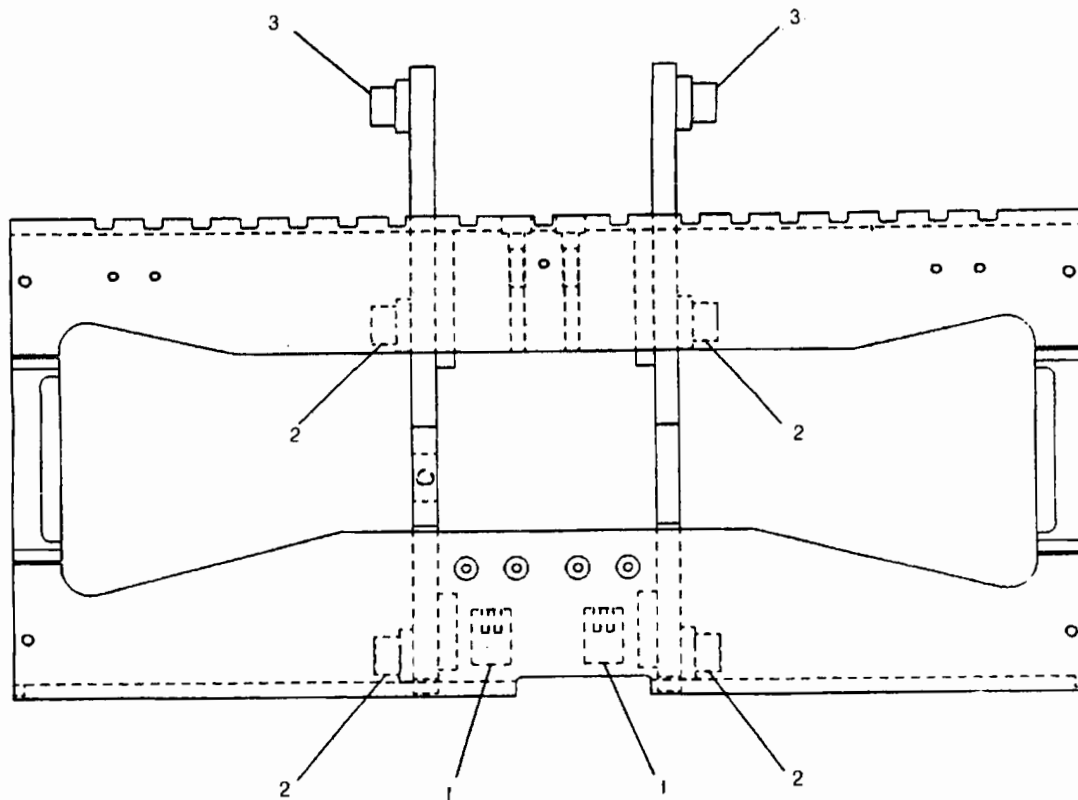


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	911032	2	ANCHOR-CHAIN					
Z	2	977591	4	PIN					
Z	3	977590	2	PIN					

Z-NOT SERVICED SEPARATELY

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

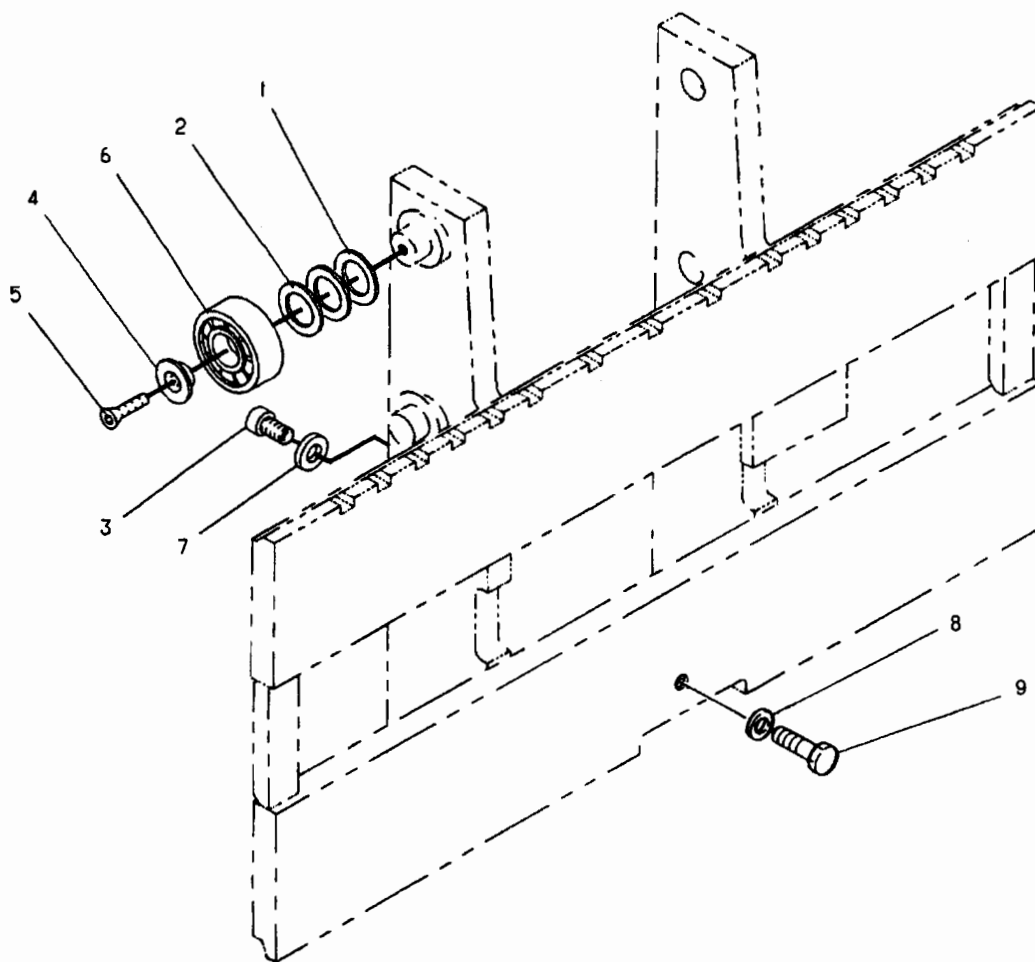
D350384 CARRIAGE AS - FFL
(3 Ton Class)
Refer To G5 Type - Fig.16.15



D350385 CARRIAGE AS - FFT
(3 Ton Class)
Refer To G5 Type - Fig.16.15

13.29

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	910949	20	SHIM					
B	2	910950	6	SHIM					
	3	6V7605	2	BOLT					
	4	910948	2	RETAINER					
	5	6V7726	2	SCREW					
J	6	910946	6	BEARING(1.0MM UNDERSIZE) OR					
J		911639	6	BEARING(S.T.D) OR					
J		911640	6	BEARING(1.1MM OVERSIZE)					
	7	2S5658	1	WASHER					
	8	S5102703	1	WASHER-SPRING					
	9	S2214861	1	BOLT					

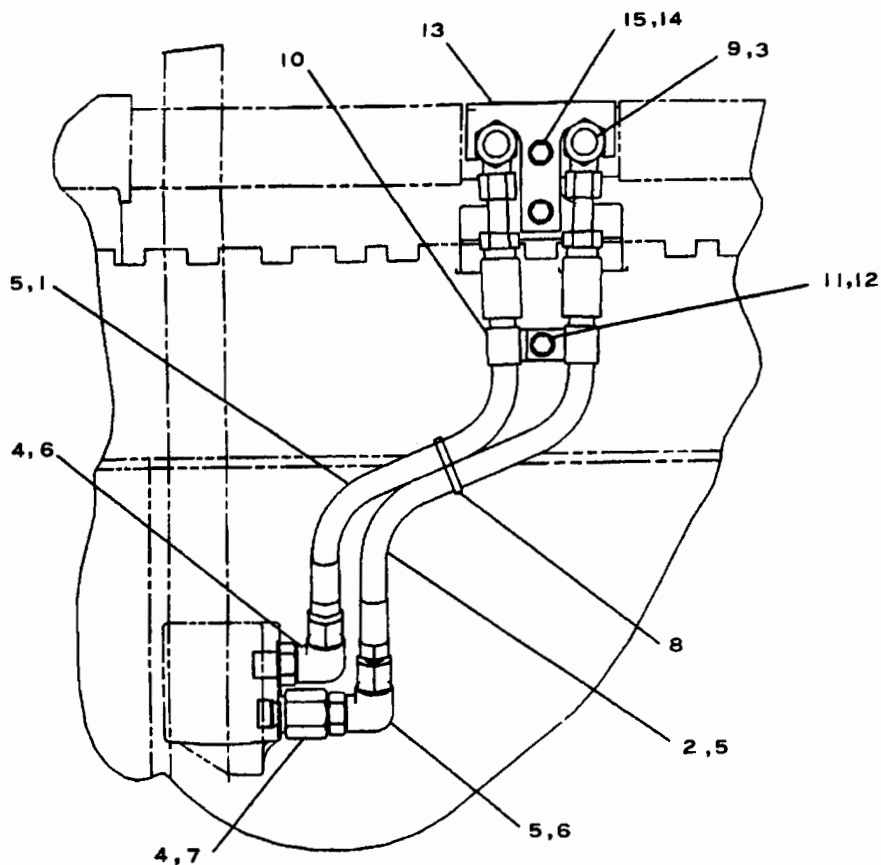
B-USE AS REQUIRED
J-MUST USE SAME BEARING

09-0001~1250 11-0001~0820
10-0001~2318 12-0001~9302

D360161 CARRIAGE - MOUNTING
Refer To G5 Type - Fig.16.16

13.30

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R7442	1	HOSE AS					
	2	6R7440	1	HOSE AS					
	3	6V8628	2	ELBOW					
	4	3J1907	2	SEAL					
	5	4J5477	5	SEAL-O-RING					
	6	6V8627	2	ELBOW					
	7	8T0151	1	ADAPTER SPECIAL					
	8	6K0806	1	STRAP CABLE					
	9	3J7354	2	SEAL-O-RING					
	10	4K8864	2	CLIP					
	11	8T4121	1	WASHER					
	12	8T4137	1	BOLT					
	13	8Q2972	1	PLATE					
	14	8T4138	2	BOLT					
	15	8T4205	2	WASHER					

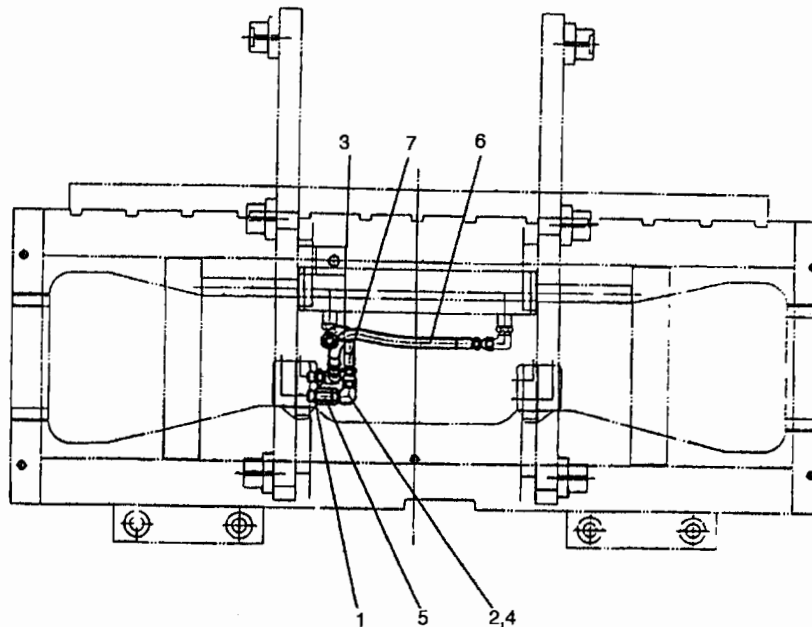
6R7441 LINES GP - SIDESHIFTER - STD - CHANGED

(2 Ton, 2.5 Ton Class)

Refer To Fig.13.301

13.301

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3J1907	2	O-RING					
	2	4J5477	2	O-RING					
	3	6K0806	1	STRAP					
	4	6V8627	2	ELBOW					
	5	8T0151	1	ADAPTOR					
	6	6R7450	1	HOSE AS					
	7	D380279	1	HOSE AS					

D370175 LINES GP - SIDESHIFTER

(D. G. B20/25 For STD Mast)

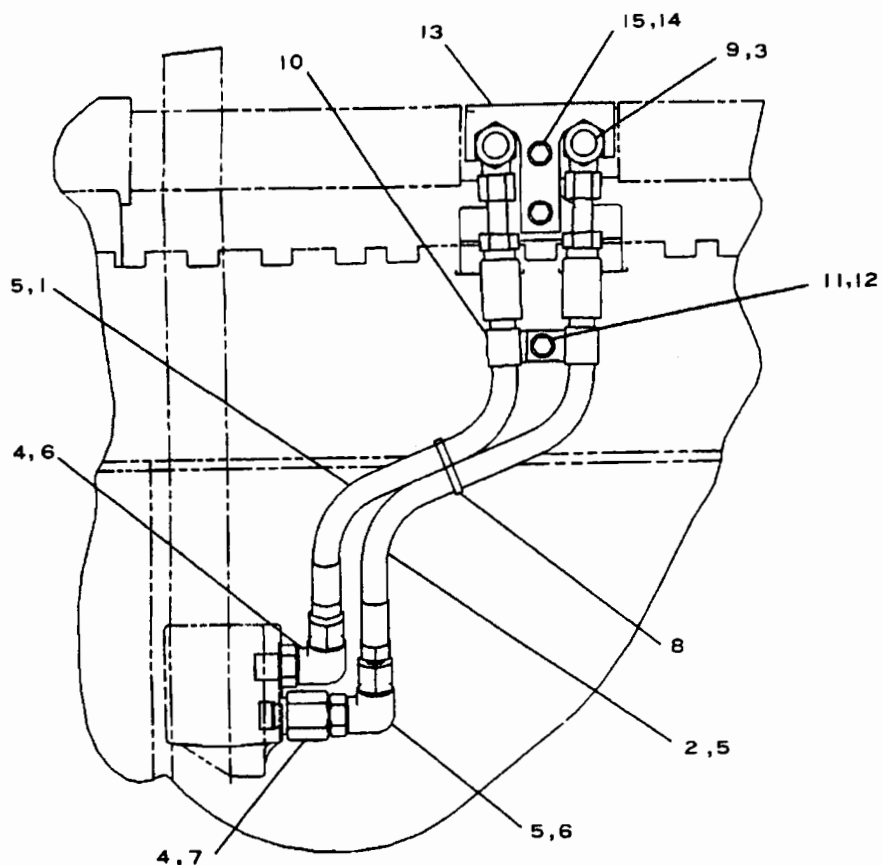
Change From 6R7441

Refer To G5 Type - Fig.16.19

- 222.1 - D139175

13.31

IMPLEMENTS

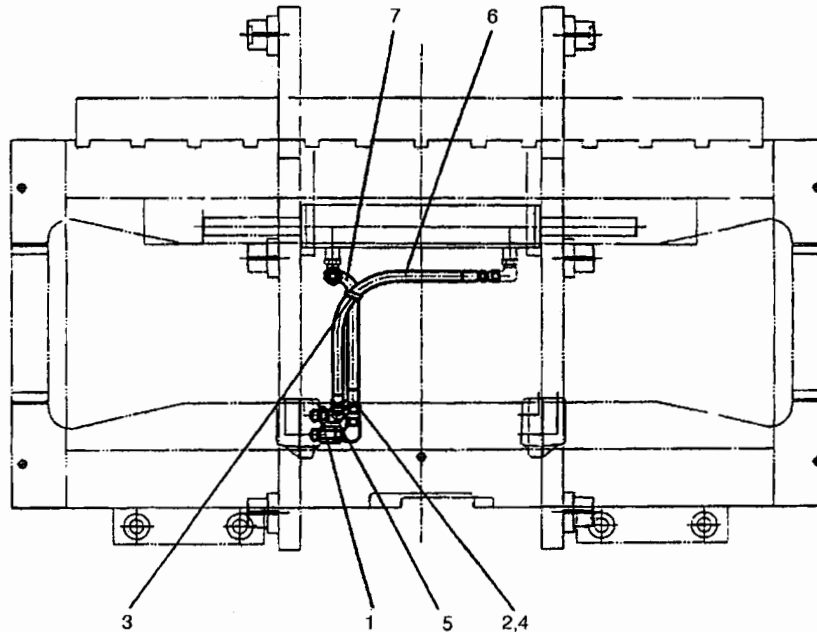


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6R9810	1	HOSE AS					
	2	6R9815	1	HOSE AS					
	3	6V8628	2	ELBOW					
	4	3J1907	2	SEAL					
	5	4J5477	5	SEAL-O-RING					
	6	6V8627	2	ELBOW					
	7	8T0151	1	ADAPTER SPECIAL					
	8	6K0806	1	STRAP CABLE					
	9	3J7354	2	SEAL-O-RING					
	10	4K8864	2	CLIP					
	11	8T4121	1	WASHER					
	12	8T4137	1	BOLT					
	13	8Q2972	1	PLATE					
	14	8T4138	2	BOLT					
	15	8T4205	2	WASHER-HARD					

6R7449 LINES GP - SIDESHIFTER - STD - CHANGED
(3 Ton Class)

13.311

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3J1907	2	SEAL-O-RING					
	2	4J5477	2	SEAL-FACE					
	3	6K0806	1	STRAP					
	4	6V8627	2	ELBOW					
	5	8T0151	1	ADAPTER					
	6	6R7440	1	HOSE AS					
	7	6R7408	1	HOSE AS					

D370177 LINES GP - SIDESHIFTER

(D. G. B30 For STD Mast)

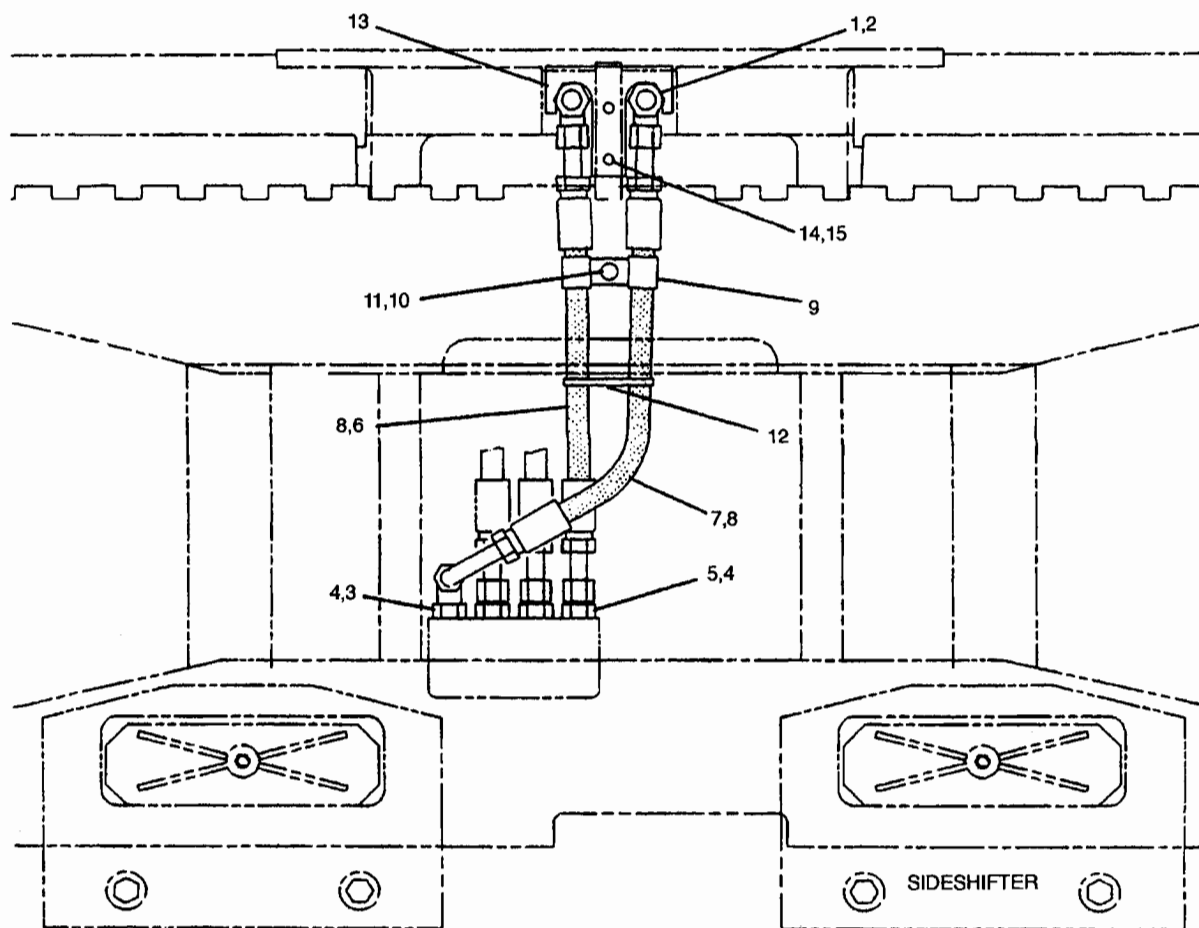
Change From 6R7449

Refer To G5 Type - Fig.16.17

- 223.1 - D139175

13.32

IMPLEMENTS

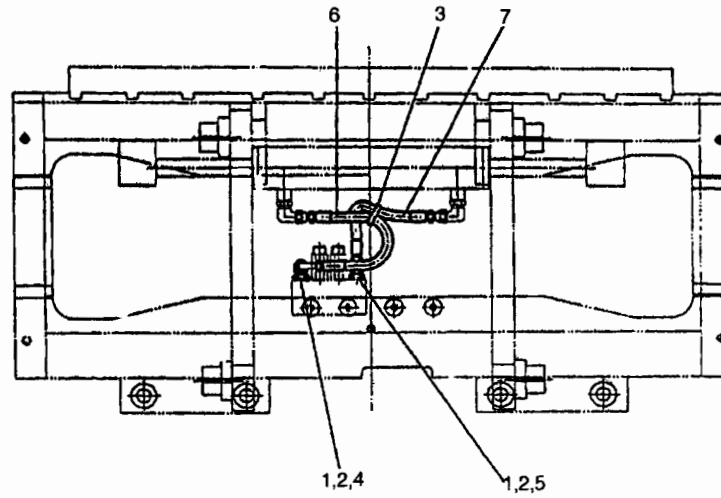


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V8628	2	ELBOW					
	2	3J7354	2	SEAL-O-RING					
	3	6V8627	1	ELBOW					
	4	3J1907	2	SEAL-O-RING					
	5	6V8641	1	CONNECTOR					
	6	6R7408	1	HOSE AS					
	7	6R7409	1	HOSE AS					
	8	4J5477	4	SEAL-FACE					
	9	4K8864	2	CLIP					
	10	8T4121	1	WASHER					
	11	8T4137	1	BOLT					
	12	6K0806	1	STRAP					
	13	8Q2972	1	PLATE					
	14	8T4138	2	BOLT					
	15	8T4205	2	WASHER-HARD					

6R8737 LINES GP - SIDESHIFTER - FFL, FFT - CHANGED
(2 Ton, 2.5 Ton Class)
Refer To Fig.13.32

13.321

IMPLEMENTS

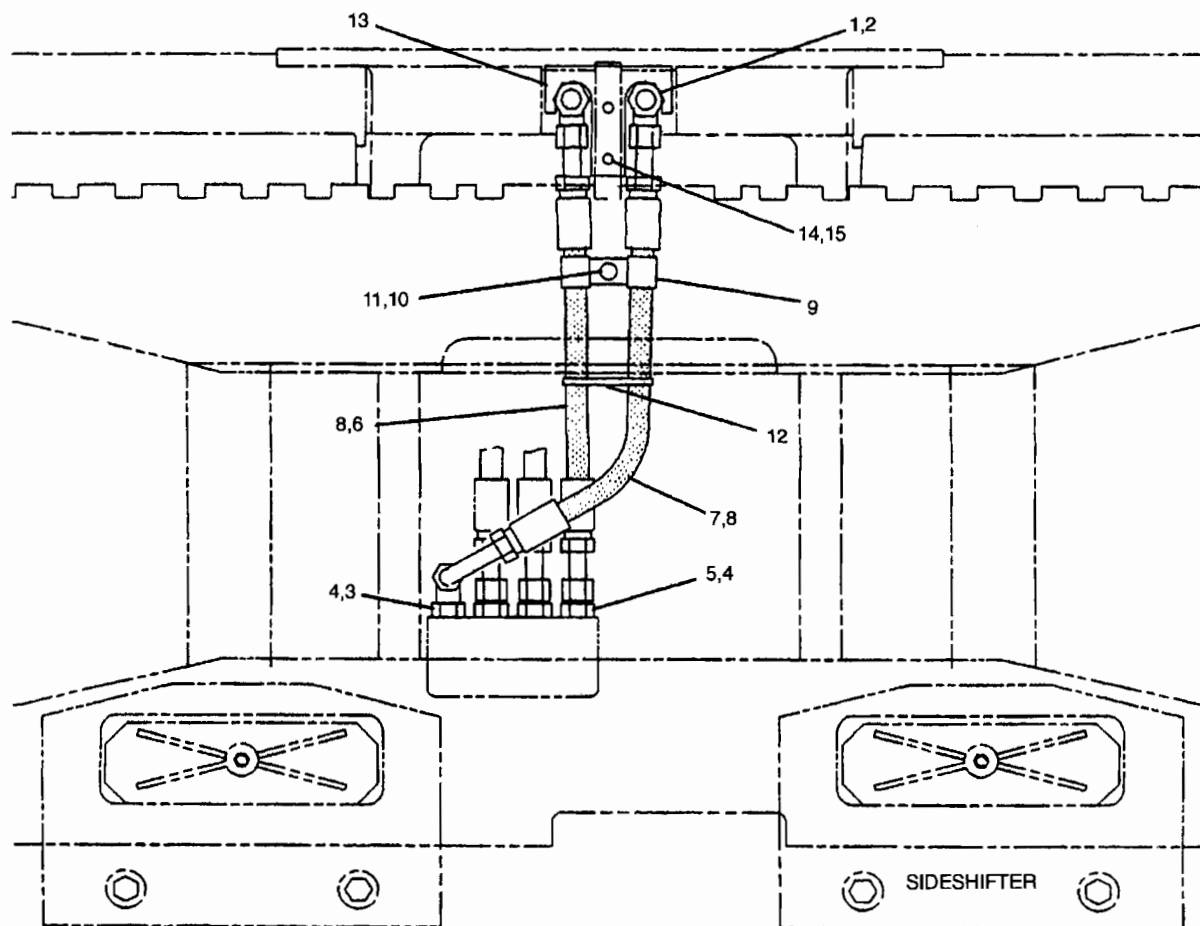


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3J1907	2	SEAL-O-RING					
	2	4J5477	2	SEAL-FACE					
	3	6K0806	1	STRAP					
	4	6V8627	1	ELBOW					
	5	6V8641	1	CONNECTOR					
	6	6R7409	1	HOSE AS					
	7	D380279	1	HOSE AS					

D370178 LINES GP - SIDESHIFTER
(D, G, B20/25/30 For FFL, FFT Mast)
Change From 6R8737
Refer To G5 Type - Fig.16.18
- 224.1 - D139175

13.33

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V8628	2	ELBOW					
	2	3J7354	2	SEAL-O-RING					
	3	6V8627	1	ELBOW					
	4	3J1907	2	SEAL-O-RING					
	5	6V8641	1	CONNECTOR					
	6	6R7450	1	HOSE AS					
	7	6R7451	1	HOSE AS					
	8	4J5477	4	SEAL-FACE					
	9	4K8864	2	CLIP					
	10	8T4121	1	WASHER					
	11	8T4137	1	BOLT					
	12	6K0806	1	STRAP					
	13	8Q2972	1	PLATE					
	14	8T4138	2	BOLT					
	15	8T4205	2	WASHER-HARD					

*-ERROR CORRECTION

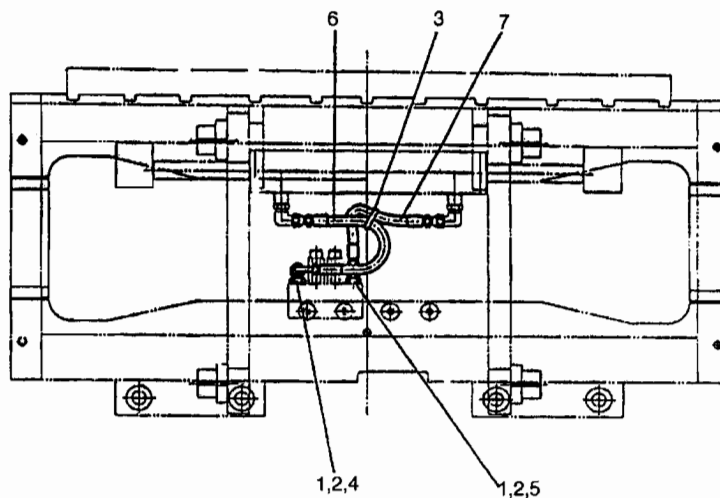
6R8739 LINES GP - SIDESHIFTER - FFL, FFT - CHANGED

(3 Ton Class)

Refer To Fig.13.331

13.331

IMPLEMENTS

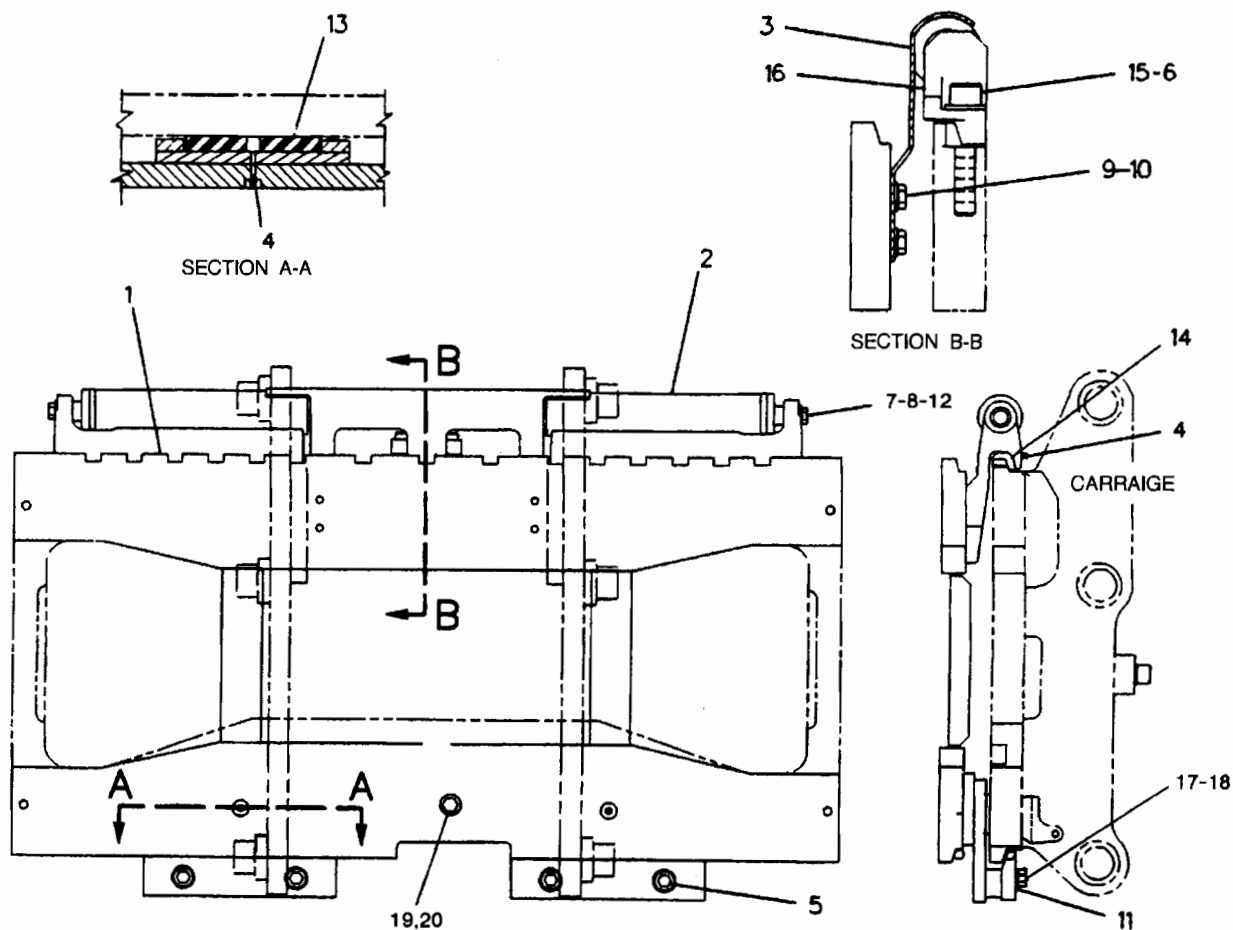


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3J1907	2	SEAL-O-RING					
	2	4J5477	2	SEAL-FACE					
	3	6K0806	1	STRAP					
	4	6V8627	1	ELBOW					
	5	6V8641	1	CONNECTOR					
	6	6R7409	1	HOSE AS					
	7	D380279	1	HOSE AS					

D370178 LINES GP - SIDESHIFTER
(D, G, B20/25/30 For FF, FFT Mast)
Change From 6R8739
Refer To G5 Type - Fig.16.18
- 225.1 - D139175

13.34

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D370126	1	CARRIAGE AS-SIDESHIFTER					
	2	D144201	2	CYLINDER GP-SIDESHIFTER					
	3	6V1506	4	FITTING					
	4	8T4944	4	BOLT-SOCKET HEAD					
	5	6R7419	1	COVER					
	6	5P8247	2	WASHER-HARD					
	7	8T4184	2	BOLT					
	8	8T4223	2	WASHER					
	9	8T4136	4	BOLT					
	10	8T4121	4	WASHER					
	11	8Q5795	2	BAR					
	12	976673	2	PAD-TUBE					
	13	908997	2	PAD					
	14	908996	2	PAD-WEAR					
	15	959806	2	BOLT					
	16	6R7396	1	STOP AS					
	17	8T4132	4	NUT					
	18	9X8257	4	WASHER					
	19	S2214861	1	BOLT					
	20	S5102703	1	WASHER-SPRING					

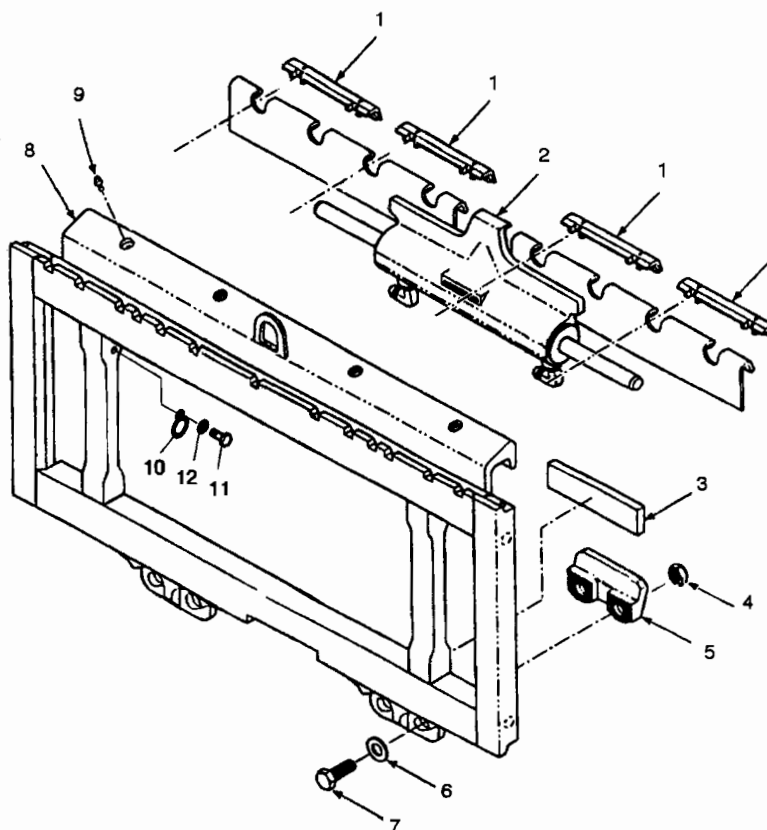
Y-SEPARATE ILLUSTRATION

D370122 SIDESHIFTER - HOOK TYPE

D144201 - Page 228
(2 Ton, 2.5 Ton Class)

13.341

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D370182	4	UPPER BEARING					
	2	D370183	1	CYLINDER ASS'Y					
	3	D370226	2	LOWER BEARING					
J	4	D370185	4	NUT					
J	5	D370186	2	LOWER HOOK					
J	6	D370187	4	WASHER					
J	7	D370188	4	CAPSCREW					
Z	8	-	1	FRAME					
	9	D370189	4	ZERK FITTING					
	10	D370228	2	RETAINER					
	11	8T4138	2	BOLT					
	12	9X8256	2	WASHER					
		D370190	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : LOWER HOOK SERVICE KIT (INCLUDES PARTS MARKED J)					

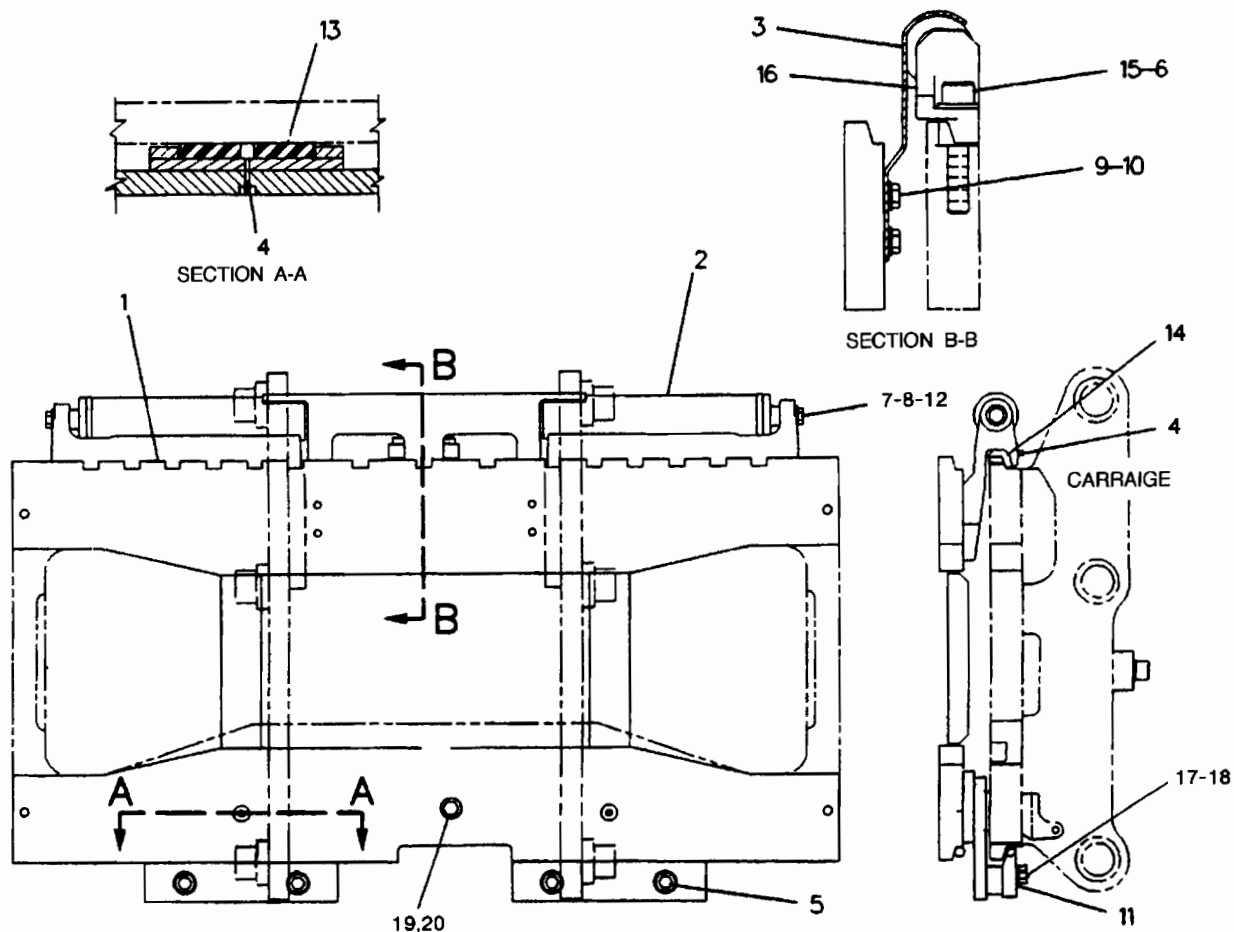
Y-SEPARATE ILLUSTRATION

Z-IF THE FRAME NEEDS REPLACING, YOUR BEST VALUE IS TO ORDER THE COMPLETE SIDESHIFTER ASS'Y

D370173 SIDESHIFTER GP
(2 Ton, 2.5 Ton Class For Pneumatic)
Changed From D370122

13.35

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D370127	1	CARRIAGE AS SIDESHIFTER					
	2	D144201	2	CYLINDER GP-SIDESHIFTER					
	3	6V1506	4	FITTING					
	4	8T4944	4	BOLT-SOCKET HEAD					
	5	6R7455	1	COVER					
	6	5P8247	2	WASHER-HARD					
	7	8T4184	2	BOLT					
	8	5P1076	2	WASHER					
	9	8T4136	4	BOLT					
	10	8T4121	4	WASHER					
	11	8Q5795	2	BAR					
	12	976673	2	PAD-TUBE					
	13	6R7467	2	PAD					
	14	908998	2	PAD-WEAR					
	15	959806	2	BOLT					
	16	6R7463	1	STOP					
	17	8T4132	4	NUT					
	18	9X8257	4	WASHER					
	19	S2214861	1	BOLT					
	20	S5102703	1	WASHER-SPRING					

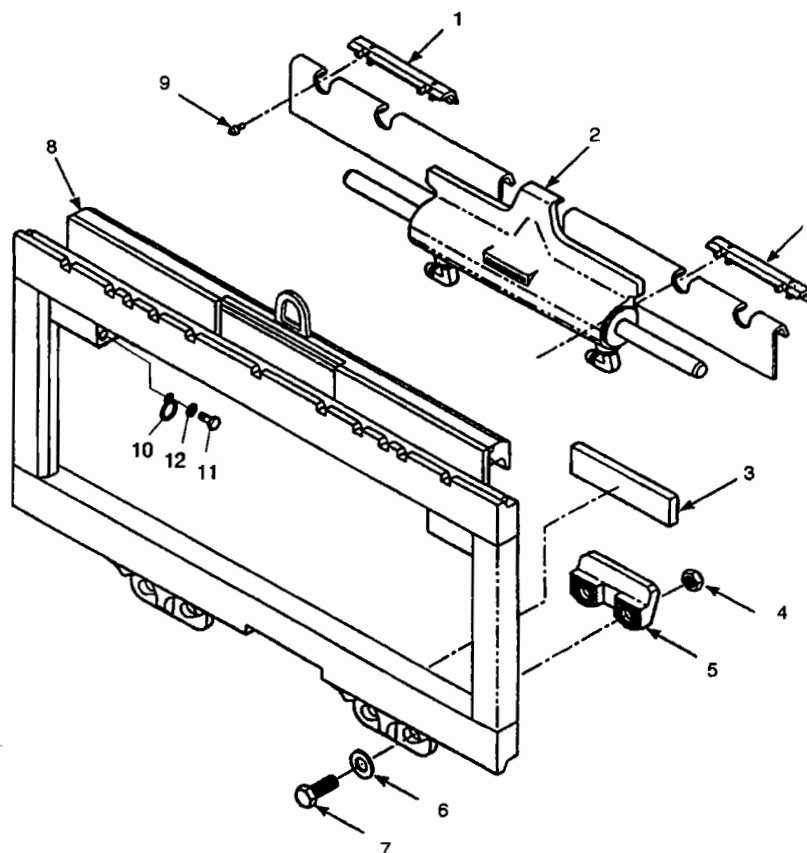
Y-SEPARATE ILLUSTRATION

D370123 SIDESHIFTER - HOOK TYPE - CHANGED

6R7420 - Page 228
(3 Ton Class)

13.351

IMPLEMENTS



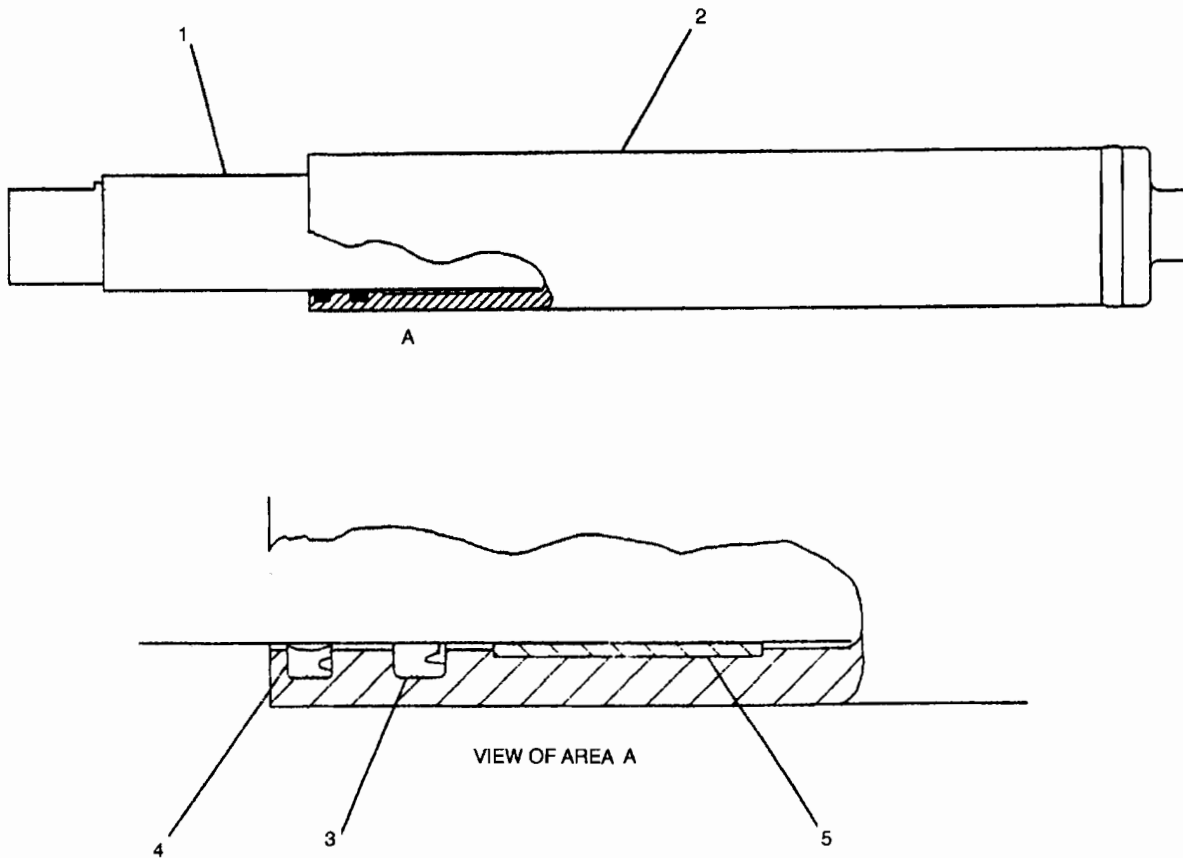
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	D370203	2	UPPER BEARING					
	2	D370208	1	CYLINDER ASS'Y					
	3	D370205	2	LOWER BEARING					
J	4	D370185	4	NUT					
J	5	D370186	2	LOWER HOOK					
J	6	D370187	4	WASHER					
J	7	D370188	4	CAPSCREW					
	8	-	1	FRAME					
	9	D370189	2	ZERK FITTING					
	10	D370229	2	RETAINER					
	11	8T4138	2	BOLT					
	12	9X8256	2	WASHER					
		D370190	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : LOWER HOOK SERVICE KIT (INCLUDES PARTS MARKED J)					

Y-SEPARATE ILLUSTRATION

D370174 SIDESHIFTER GP
(3 Ton Class For Pneumatic)
Changed From D370123

13.36

IMPLEMENTS

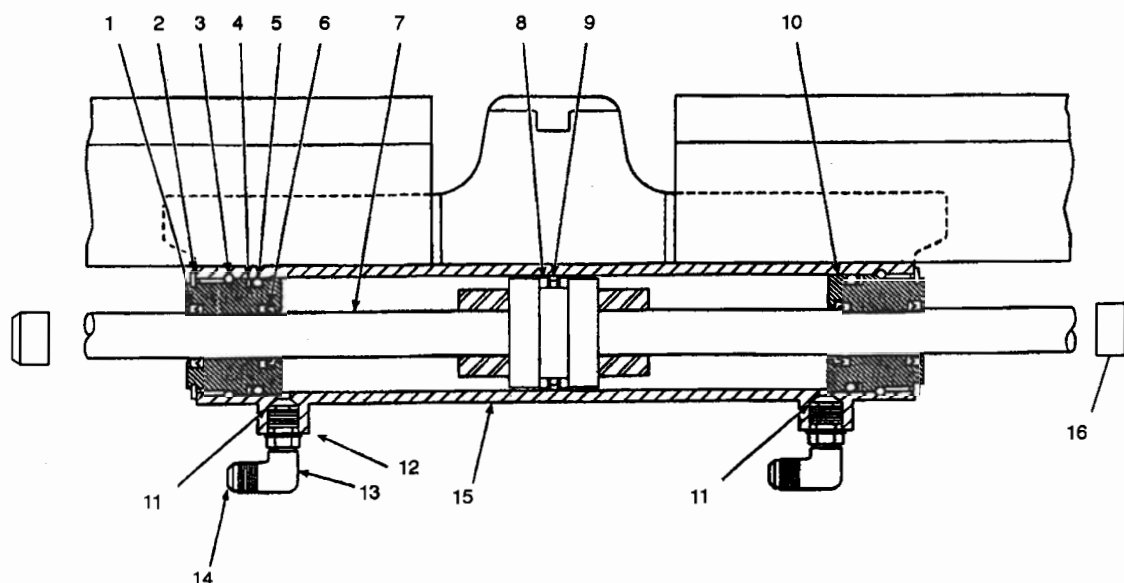


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D144205	1	ROD AS					
	2	6R7402	1	TUBE AS					
	3	6R8715	1	SEAL-U-CUP					
	4	6R8716	1	SEAL-WIPER					
	5	6R8717	1	RING-WEAR					

D144201 CYLINDER GP - SIDESHIFTER - 2 REQUIRED - CHANGED
 41.6MM(1.6 In) × 204MM(8.0 VIn) Stroke
 Part Of D370122, D370123, Sideshifters
 An Attachment

13.361

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D370191	2	WIPER SEAL					
	2	D370192	2	SNAP RING					
	3	D370193	2	RETAINING RING					
J	4	D370194	2	BACK UP RING					
J	5	D370195	2	O-RING					
J	6	D370196	2	ROD SEAL					
	7	D370197	1	ROD					
J	8	D370198	2	BEARING RING					
J	9	D370199	1	PISTON SEAL					
	10	D370200	2	RETAINER					
	11	D370201	2	SPEED CONTROL WASHER					
	12	3J1907	2	SEAL-O-RING					
	13	6V8627	2	ELBOW					
	14	4J5477	2	SEAL-FACE					
Z	15	-	1	CYLINDER SHEEL					
	16	D370227	2	ROD END CAP					
		D370202	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : CYLINDER-SERVICE KIT (INCLUDES PARTS MARKED J)					

Z-NOT SERVICEABLE, ORDER NEW CYLINDER ASS'Y

D370183 CYLINDER ASS'Y

(2 Ton, 2.5 Ton Class For Pneumatic)

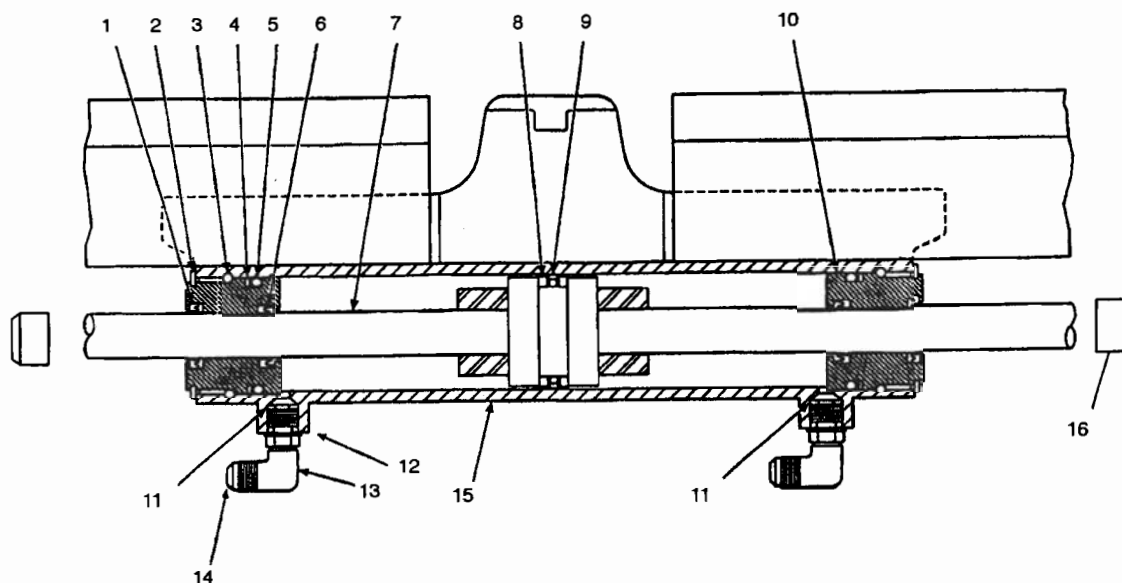
Changed From D144201

Refer To Fig.13.362

- 228.1 - D139175

13.362

IMPLEMENTS



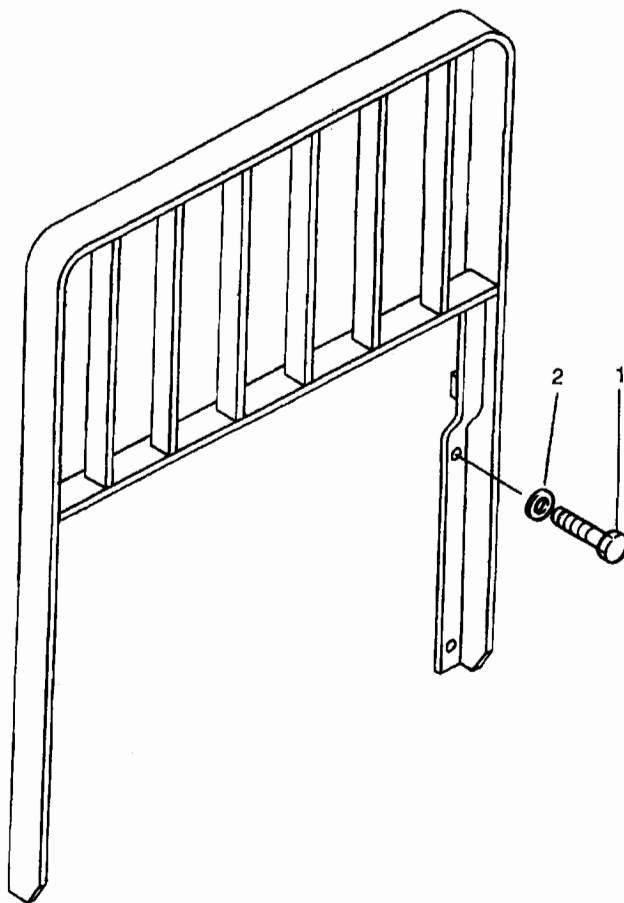
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D370191	2	WIPER SEAL					
	2	D370192	2	SNAP RING					
	3	D370193	2	RETAINING RING					
J	4	D370194	2	BACK UP RING					
J	5	D370195	2	O-RING					
J	6	D370196	2	ROD SEAL					
	7	D370197	1	ROD					
J	8	D370198	2	BEARING RING					
J	9	D370199	1	PISTON SEAL					
	10	D370200	2	RETAINER					
	11	D370206	2	SPEED CONTROL WASHER					
	12	3J1907	2	SEAL-O-RING					
	13	6V8627	2	ELBOW					
	14	4J5477	2	SEAL-FACE					
Z	15	-	1	CYLINDER SHELL					
	16	D370227	2	ROD END CAP					
		D370202	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : CYLINDER-SERVICE KIT (INCLUDES PARTS MARKED J)					

Z-NOT SERVICEABLE, ORDER NEW CYLINDER ASS'Y

D370208 CYLINDER ASS'Y
 (3 Ton Class For Pneumatic)
 Changed From D144201
 Refer To Fig.13.361
 - 228.2 - D139175

13.37

IMPLEMENTS

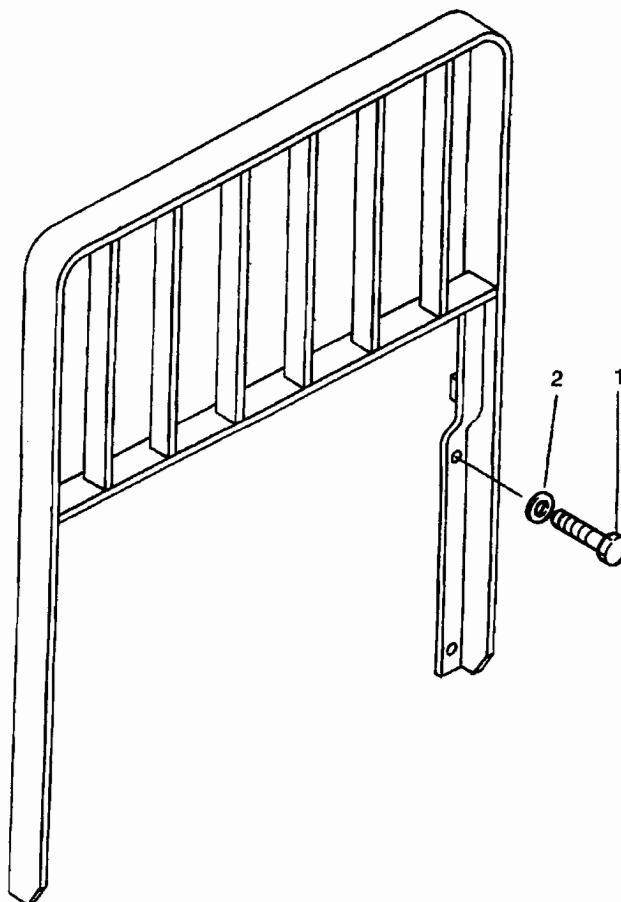


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V7611	4	BOLT					
	2	5P1076	4	WASHER					
09-0001~1250 11-0001~0820 10-0001~2318 12-0001~8940									

910891 BACKREST AS
(2 Ton, 2.5 Ton Class)

13.38

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V7611	4	BOLT					
	2	5P1076	4	WASHER					
09-0001~1250 11-0001~0820 10-0001~2318 12-0001~8940									

910899 BACKREST AS
(3 Ton Class)

13.39

IMPLEMENTS

- D390073 FORK GROUP PALLET
100MM WIDE, 45MM THICK
900MM LONG
- D390074 FORK GROUP PALLET
100MM WIDE, 45MM THICK
1000MM LONG
- D390075 FORK GROUP PALLET
100MM WIDE, 45MM THICK
1050MM LONG
- D390056 FORK GROUP PALLET
100MM WIDE, 45MM THICK
1200MM LONG
- D390077 FORK GROUP PALLET
100MM WIDE, 50MM THICK
1350MM LONG
- D390170 FORK GROUP PALLET
100MM WIDE, 50MM THICK
1500MM LONG
- D390171 FORK GROUP PALLET
100MM WIDE, 50MM THICK
1600MM LONG
- D390172 FORK GROUP PALLET
100MM WIDE, 50MM THICK
1700MM LONG
- D390173 FORK GROUP PALLET
100MM WIDE, 50MM THICK
1800MM LONG

D390073A FORK GP - HOOK TYPE - 2 REQUIRED
(2 Ton, 2.5 Ton Class)

13.40

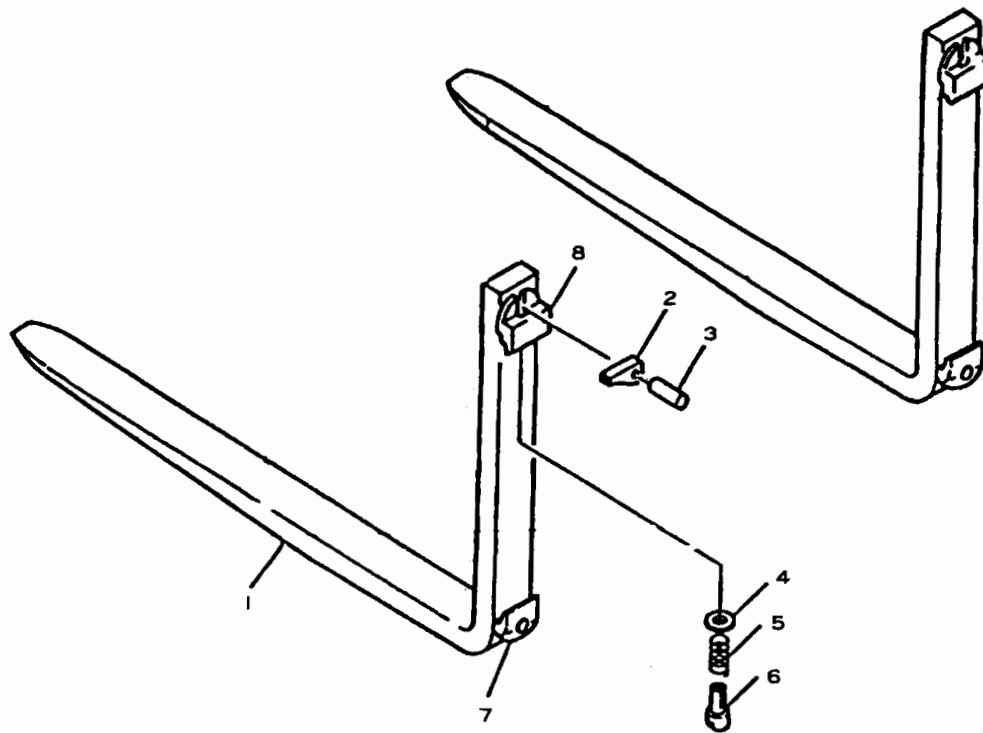
IMPLEMENTS

- D390081 FORK GROUP PALLET
100MM WIDE, 45MM THICK
1000MM LONG
- D390089 FORK GROUP PALLET
130MM WIDE, 45MM THICK
1050MM LONG
- D390090 FORK GROUP PALLET
130MM WIDE, 45MM THICK
1200MM LONG
- D390091 FORK GROUP PALLET
130MM WIDE, 50MM THICK
1350MM LONG
- D390174 FORK GROUP PALLET
130MM WIDE, 50MM THICK
1500MM LONG
- D390175 FORK GROUP PALLET
130MM WIDE, 45MM THICK
1600MM LONG
- D390176 FORK GROUP PALLET
130MM WIDE, 50MM THICK
1700MM LONG
- D390177 FORK GROUP PALLET
130MM WIDE, 50MM THICK
1800MM LONG

D390081A FORK GP - HOOK TYPE - 2 REQUIRED
(3 Ton Class)

13.41

IMPLEMENTS



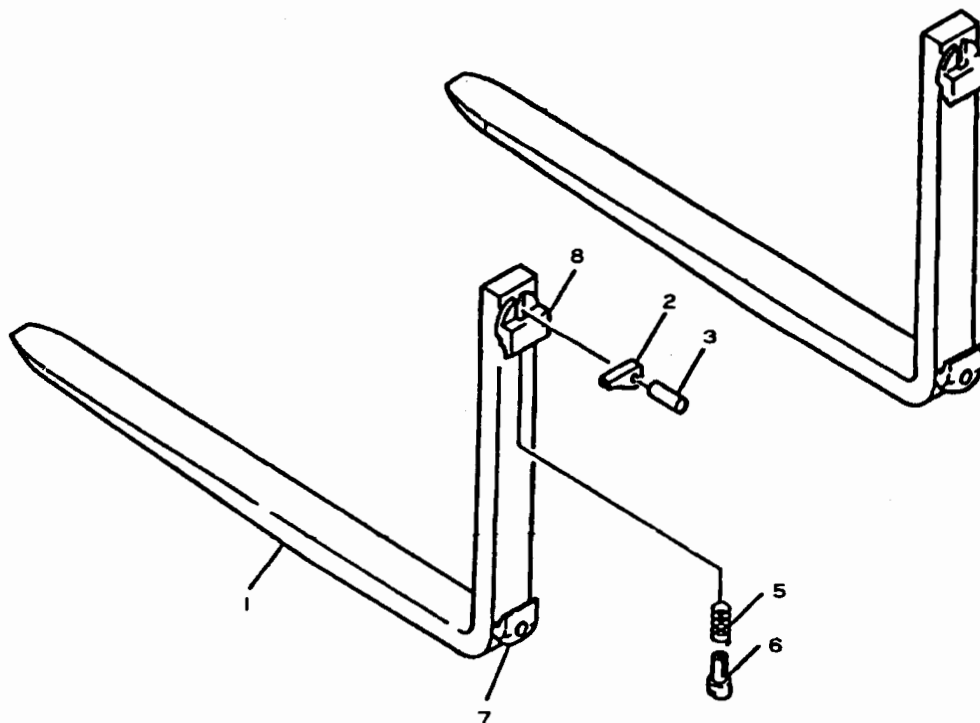
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D390048	1	FORK					
J	2	S5740801	1	LEVER					
J	3	D390051	1	PIN-ROLL					
J	4	D390050	1	WASHER					
J	5	D390049	1	SPRING					
J	6		1	PIN-STOP → D390046 K2					
Z	7		1	HOOK-LOWER					
Z	8		1	HOOK-UPPER					
		D390046	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : REPACKING GROUP (INCLUDES PARTS MARKED J)					

Z-NOT SERVICED SEPARATELY

D390046A FORK
(2 Ton, 2.5 Ton Class)

13.42

IMPLEMENTS

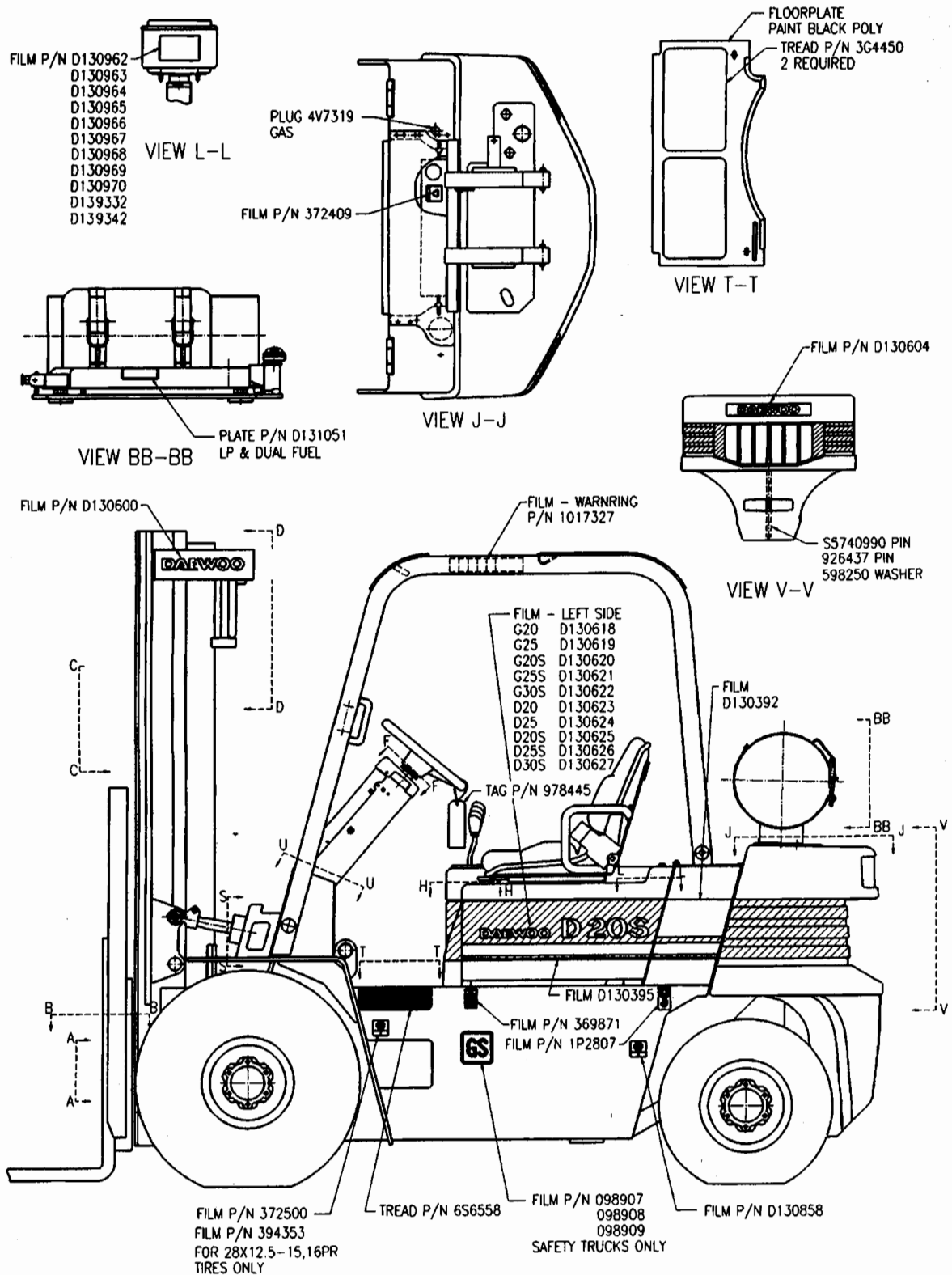


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	2	D390048		LEVER					
J	3	S5740801		PIN-ROLL					
J	5	D390050		SPRING					
J	6	D390084		STOP-PIN					
		D390083	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE : REPACKING GROUP (INCLUDES PARTS MARKED J)					

D390083A FORK
(3 Ton Class)

14.01

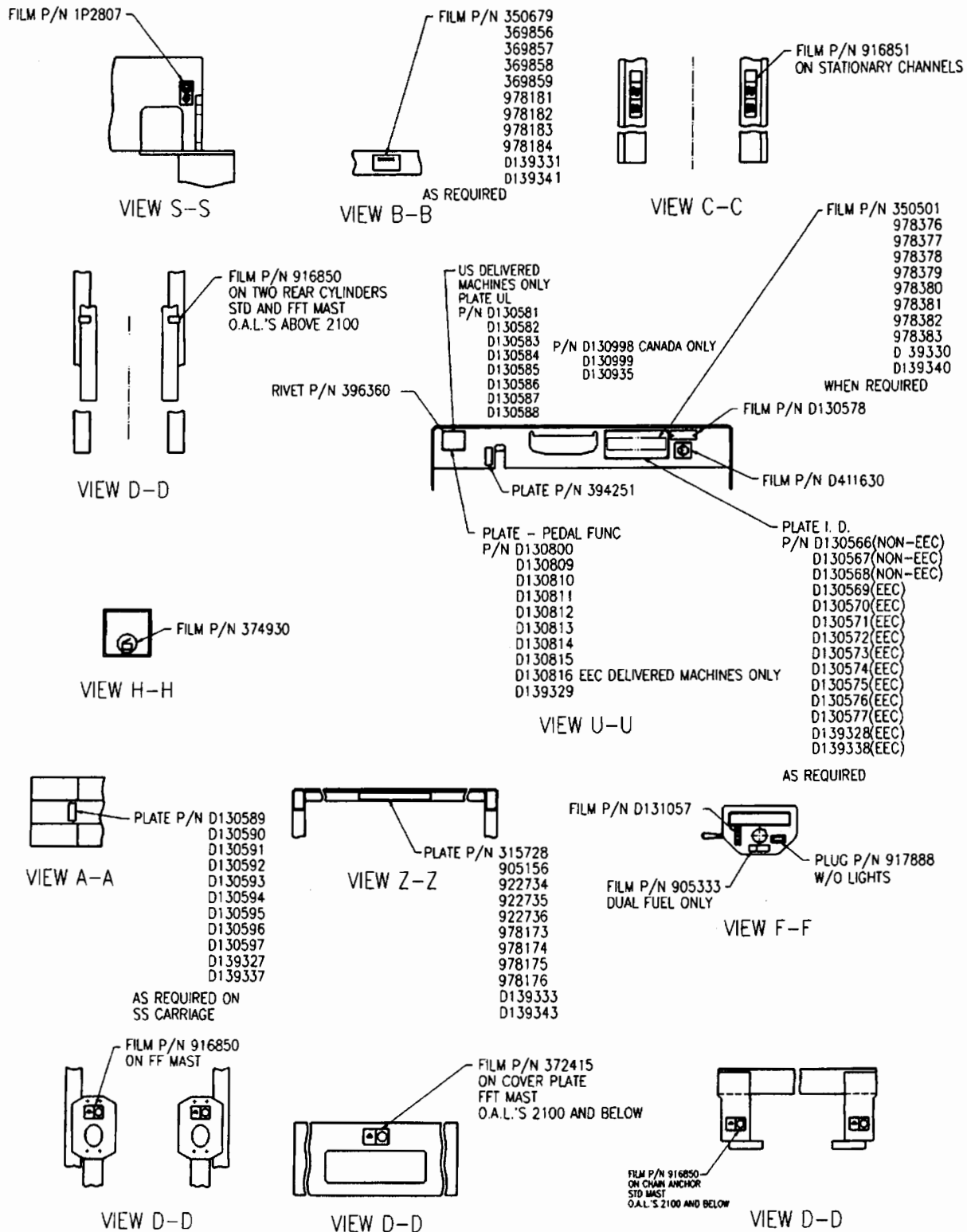
SERVICE EQUIPMENT AND SUPPLIES



D130486-01 PAINT & LUBRICANT GP - PART 1 OF 4

14.02

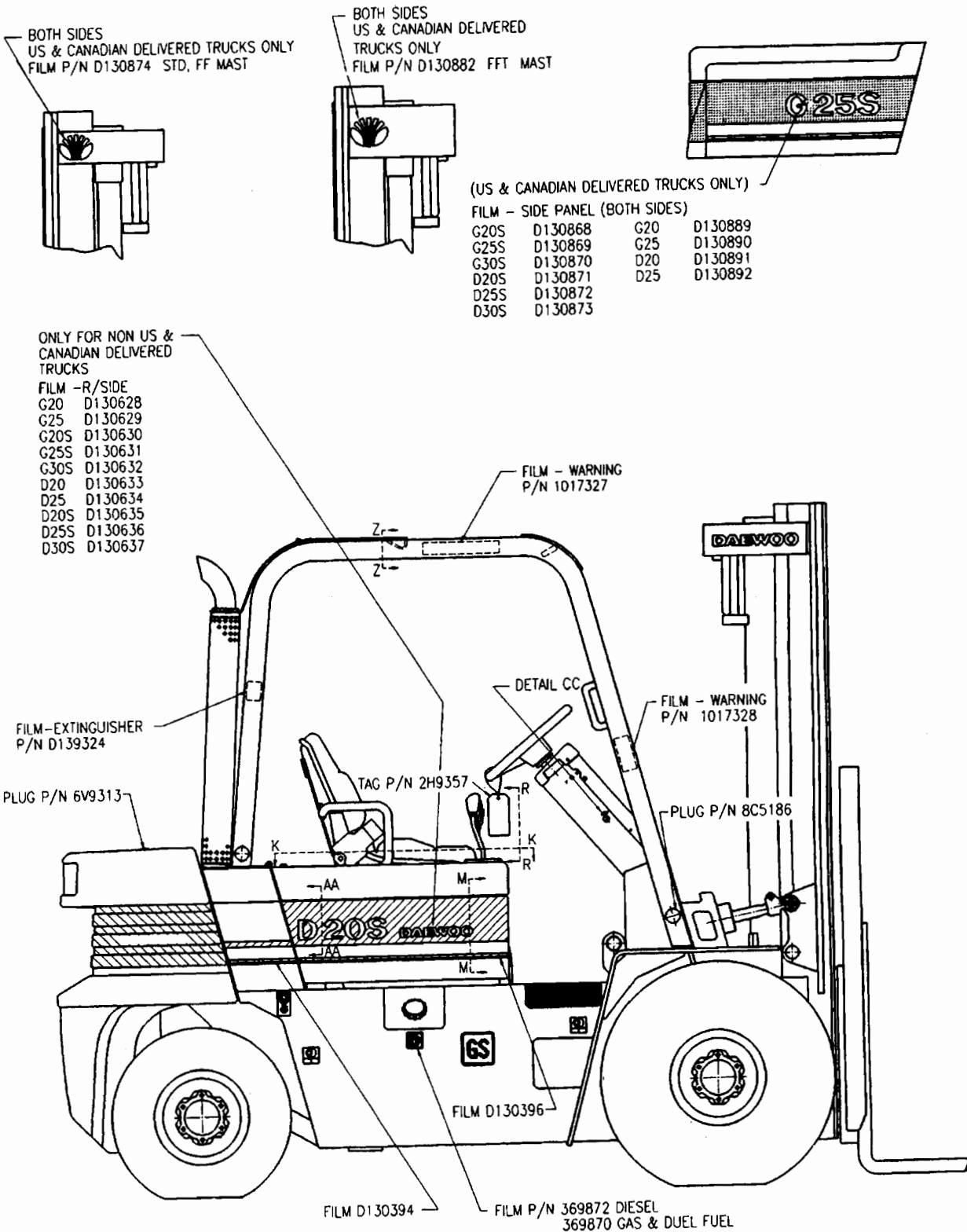
SERVICE EQUIPMENT AND SUPPLIES



D130486-01 PAINT & LUBRICANT GP - PART 2 OF 4

14.021

SERVICE EQUIPMENT AND SUPPLIES

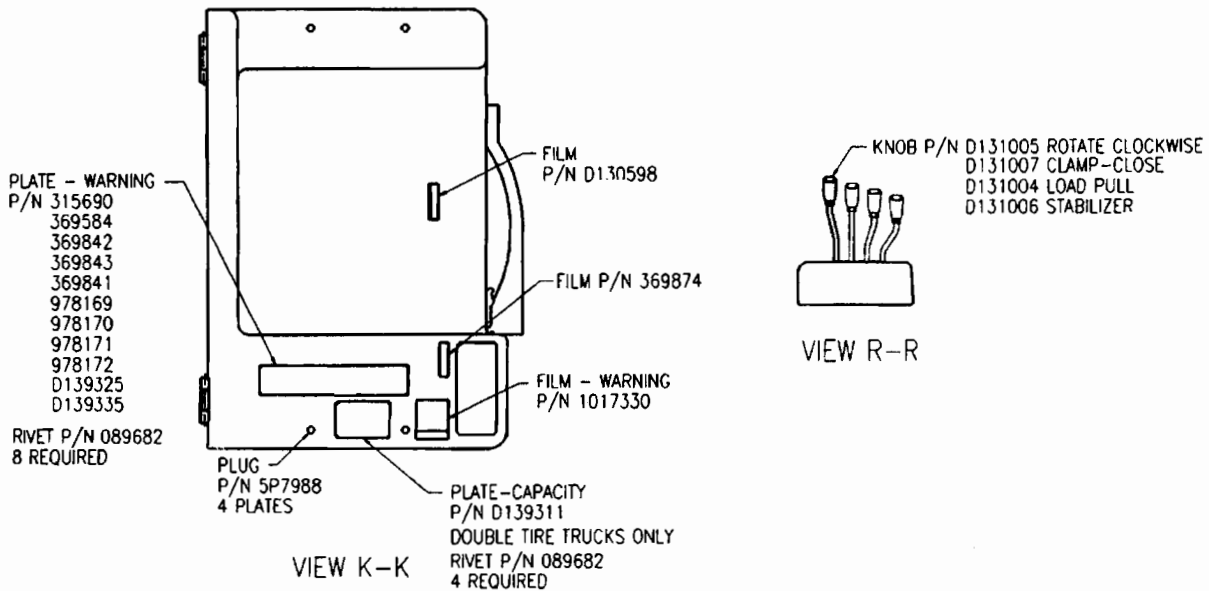


D130486-01 PAINT & LUBRICANT GP - PART 3 OF 4

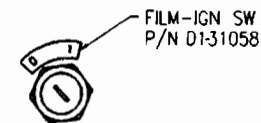
Refer To Fig.14.022

14.022

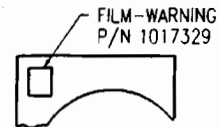
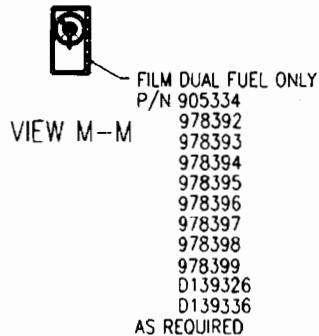
SERVICE EQUIPMENT AND SUPPLIES



MFH	MODEL	D/G20(S)-2		D/G25(S)-2		D/G30(S)-2	
		STD,FFL	FFT	STD,FFL	FFT	STD,FFL	FFT
	WITHOUT ATTACHMENT	D139312	D139315	D139313	D139316	D139314	D139317
	WITH SIDE SHIFTER	D139318	D139321	D139319	D139322	D139320	D139323



DETAIL CC



VIEW AA-AA

D130486-01 PAINT & LUBRICANT GP - PART 4 OF 4

Refer To Fig.14.021

14.03

SERVICE EQUIPMENT AND SUPPLIES

1	D130567	I.D PLATE NON-EEC
1	D130570	I.D PLATE EEC
1	D130590	I.D PLATE-ATT
1	369584	WARNING PLATE
1	369856	PLATE WARNING
1	D130963	FILM-AIR CLEANER
1	905156	PLATE-OVHD
1	978376	FILM-INCOMPLETE
1	978392	FILM-DUAL FUEL
1	D130809	PLATE-PEDAL

D130558 PAINT & LUBRICANT GP - FRENCH

Name Plates & Transfers
An Attachment

14.04

1	D130568	I.D PLATE NON-EEC
1	D130571	I.D PLATE EEC
1	D130591	I.D PLATE-ATT
1	369842	WARNING PLATE
1	369858	PLATE WARNING
1	D130964	FILM-AIR CLEANER
1	922734	PLATE-OVHD
1	978377	FILM-INCOMPLETE
1	978393	FILM-DUAL FUEL
1	D130810	PLATE-PEDAL

D130559 PAINT & LUBRICANT GP - SPANISH

Name Plates & Transfers
An Attachment

14.05

SERVICE EQUIPMENT AND SUPPLIES

1	D130572	I.D PLATE EEC
1	D130592	I.D PLATE-ATT
1	369843	WARNING PLATE
1	369859	PLATE-WARNING
1	D130965	FILM-AIR CLEANER
1	922735	PLATE-OVHD
1	978378	FILM-INCOMPLETE
1	978394	FILM-DUAL FUEL
1	D130811	PLATE-PEDAL

D130560 PAINT & LUBRICANT GP - GERMAN

Name Plates & Transfers
An Attachment

14.06

1	D130573	I.D PLATE EEC
1	D130593	I.D PLATE-ATT
1	369841	WARNING PLATE
1	369857	PLATE-WARNING
1	D130966	FILM-AIR CLEANER
1	922736	PLATE-OVHD
1	978379	FILM-INCOMPLETE
1	978395	FILM-DUAL FUEL
1	D130812	PLATE-PEDAL

D130561 PAINT & LUBRICANT GP - ITALIAN

Name Plates & Transfers
An Attachment

14.07**SERVICE EQUIPMENT AND SUPPLIES**

1	D130574	I.D PLATE EEC
1	D130594	I.D PLATE-ATT
1	D130967	FILM-AIR CLEANER
1	978169	FILM-WARN TO OPR
1	978173	PLATE-OVHD
1	978181	FILM-L.B.R
1	978380	FILM-INCOMPLETE
1	978396	FILM-DUAL FUEL
1	D130813	PLATE-PEDAL

D130562 PAINT & LUBRICANT GP - PORTUGUESE

Name Plates & Transfers
An Attachment

14.08

1	D130575	I.D PLATE EEC
1	D130595	I.D PLATE-ATT
1	D130968	FILM-AIR CLEANER
1	978170	FILM-WARN TO OPR
1	978174	PLATE-OVHD
1	978182	FILM-L.B.R
1	978381	FILM-INCOMPLETE
1	978397	FILM-DUAL FUEL
1	D130814	PLATE-PEDAL

D130563 PAINT & LUBRICANT GP - DANISH

Name Plates & Transfers
An Attachment

14.09

SERVICE EQUIPMENT AND SUPPLIES

1	D130576	I.D PLATE EEC
1	D130596	I.D PLATE-ATT
1	D130969	FILM-AIR CLEANER
1	978171	FILM-WARN TO OPR
1	978175	PLATE-OVHD
1	978183	FILM-L.B.R
1	978382	FILM-INCOMPLETE
1	978398	FILM-DUAL FUEL
1	D130815	PLATE-PEDAL

D130564 PAINT & LUBRICANT GP - GREEK

Name Plates & Transfers
An Attachment

14.10

1	D130577	I.D PLATE EEC
1	D130597	I.D PLATE-ATT
1	D130970	FILM-AIR CLEANER DUTCH
1	978172	FILM-WARN TO OPR
1	978176	PLATE-OVHD
1	978184	FILM-L.B.R
1	978383	FILM-INCOMPLETE
1	978399	FILM-DUAL FUEL
1	D130816	PLATE-PEDAL

D130565 PAINT & LUBRICANT GP - DUTCH

Name Plates & Transfers
An Attachment

G5 MAST TYPE

APPLIED VEHICLE SERIAL NO.

09 - 1141~1143, 1159~1166, 1170, 1171, 1174~1176,
1179~1184, 1188~1246, 1248, **1251~UP**

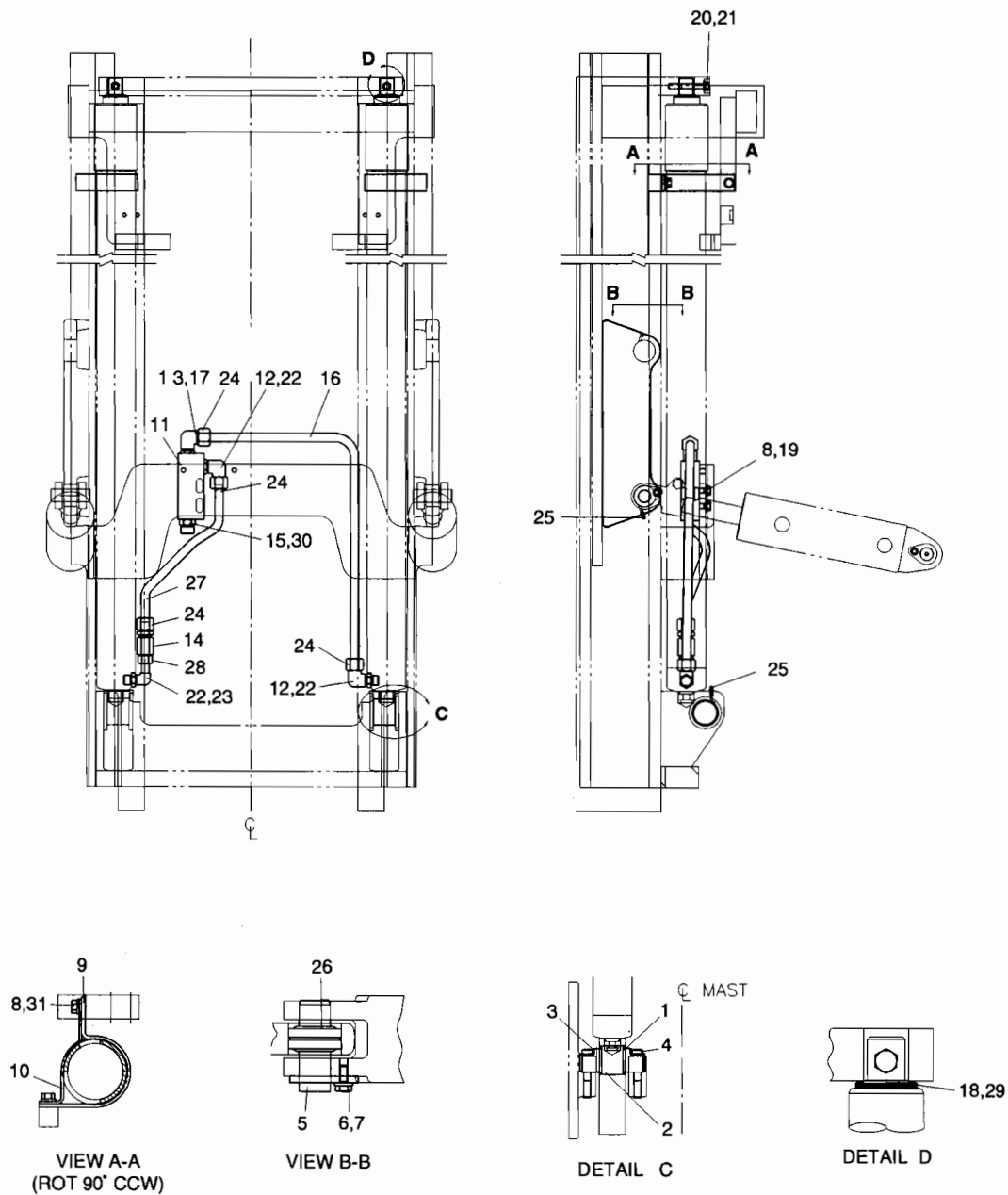
10 - 2141, 2142, 2209~2216, 2261~2282, 2291~2293,
2296, 2297, 2300, 2305~2313, 2316. **2319~UP**

11 - 0762, 0763, 0768~0782, 0785, 0788~0791,
0793~0799, 0802~0804, 0806~0811, 0813~0819,
0821~UP

12 - 8557~8559, 8562, 8749, 8754, 8756~8765,
8768, 8769, 8772~8833, 8835, 8838~8852,
8856~8860, 8863~8868, 8870~8872,
8874~8882, 8884~8895, 8901, 8902, 8909,
8913~8927, 8933~8939, 8941~9030,
9032~9094, 9098~9104, 9107~9138, 9140,
9142~9231, 9233~9240, 9243~9252,
9254, 9258, 9262, 9266~9293, 9295, 9301,
9303~UP

15.01

HYDRAULIC SYSTEM



A216090 MOUNTING GP - LIFT & TILT(STD)
Refer To Type1 - Fig.12.23

15.01

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	D582614	4	SEAL					
	2	D582615	2	BEARING					
	3	D582616	2	PIN					
	4	D910121	4	BOLT					
	5	D580041	2	PIN AS					
	6	D917094	2	WASHER					
	7	D910058	2	BOLT					
	8	D917093	6	WASHER					
	9	A216223	2	BRACKET AS					
	10	A216224	2	BRACKET AS					
	11	A215182		VALVE GP					
	-	A215126	1	VALVE AS					
	-	A215127	1	HOUSING-MANIFOLD					
	12	D902019	2	ELBOW					
	13	S8040101	1	SEAL-O-RING					
	14	D700495	1	FLOW-PROTECTOR					
	15	D905047	1	CONNECTOR					
	16	A216304	1	TUBE AS					
	17	D902027	1	ELBOW					
	18	D583333	3	SHIM					
	19	S0558263	2	BOLT					
	20	S0558963	2	BOLT					
	21	D917096	2	WASHER					
	22	S8040081	3	SEAL-O-RING					
	23	D902207	1	ELBOW					
	24	S8030101	4	SEAL-O-RING					
	25	S6710021	4	FITTING					
	26	D580058	2	BEARING					
	27	A216303	1	TUBE AS					
	28	S8030081	1	SEAL-O-RING					
	29	D583334	3	SHIM					
	30	S8040121	1	SEAL-O-RING					
	31	S0512063	4	BOLT					

Z-NOT SERVICED SEPARATELY

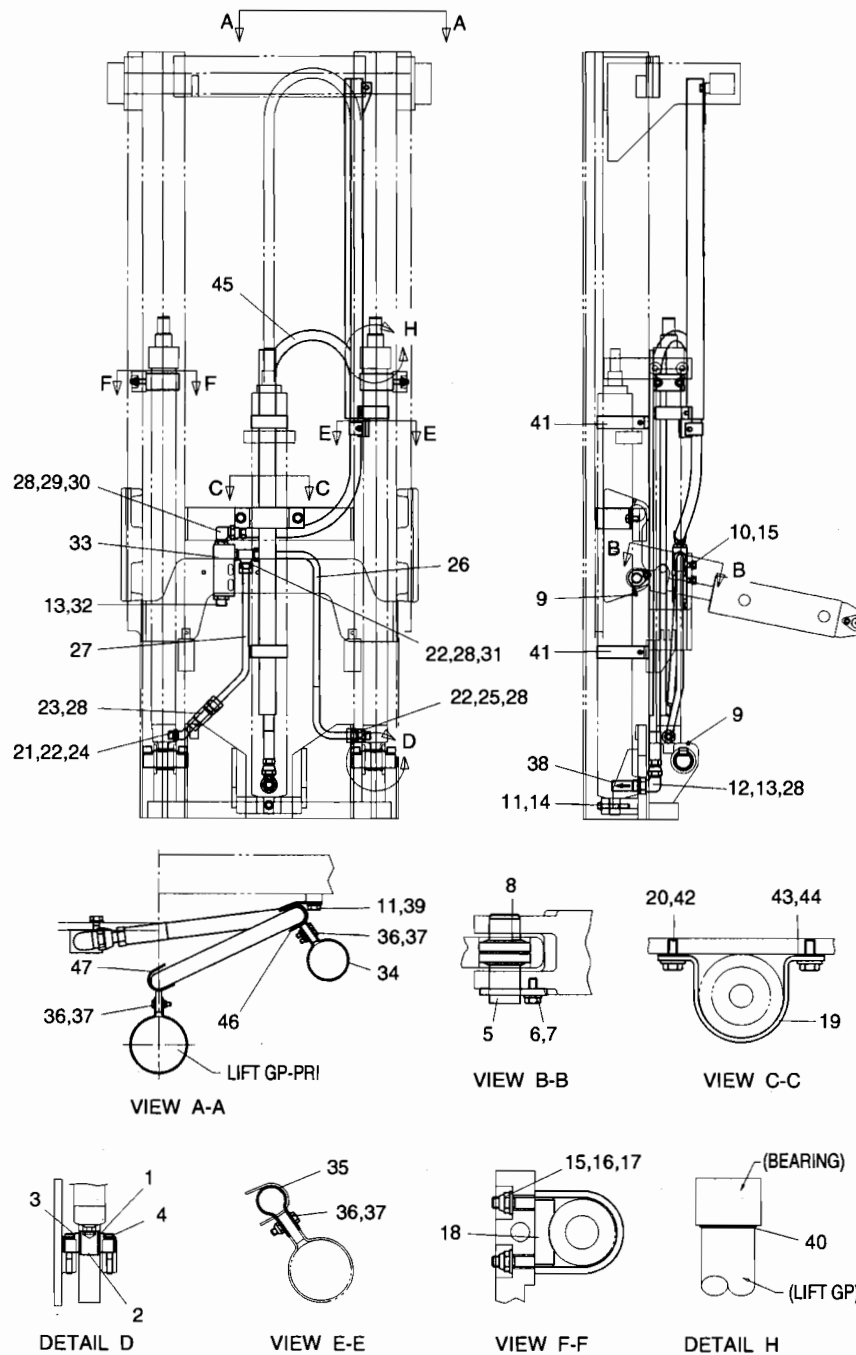
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216090 MOUNTING GP - LIFT & TILT(STD)

Refer To Type1 - Fig.12.23

15.02

HYDRAULIC SYSTEM



A216100 MOUNTING GP - LIFT & TILT(FFL)
Refer To Type1 - Fig.12.24

15.02

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D582614	4	SEAL					
	2	D582615	2	BEARING					
	3	D582616	2	PIN					
	4	D910121	4	BOLT					
	5	D580041	2	PIN AS					
	6	D917094	2	WASHER					
	7	D910058	2	BOLT					
	8	D580058	2	BEARING					
	9	S6710021	4	FITTING					
	10	S0558263	2	BOLT					
	11	D917096	2	WASHER					
	12	D902209	1	ELBOW					
	13	S8040121	2	SEAL-O-RING					
	14	S0558963	1	BOLT					
	15	D917093	6	WASHER					
	16	A216344	2	U-BOLT AS					
	17	D913002	4	NUT-LOCK					
	18	A216346	2	SPACER					
	19	A216408	1	CLAMP					
	20	D910003	2	BOLT					
	21	D902208	1	ELBOW					
	22	S8040081	3	SEAL-O-RING					
	23	D700495	1	FLOW-PROTECTOR					
	24	S8030081	1	SEAL-O-RING					
	25	D905042	1	CONNECTOR					
	26	A216410	1	TUBE AS					
	27	A216409	1	TUBE AS					
	28	S8030101	6	SEAL-O-RING					
	29	S8040101	1	SEAL-O-RING					
	30	D902027	1	ELBOW					
	31	D908060	1	TEE					
	32	D905047	1	CONNECTOR					
Z	33	A215182		VALVE GP					
	-	A215126	1	VALVE AS					
	-	A215127	1	HOUSING-MANIFOLD					
	34	A216348	1	CLAMP					
	35	A216349	1	CLAMP					
	36	S0505063	4	BOLT					
	37	D913009	4	NUT-LOCK					
	38	A215044	1	FLOW-PROTECTOR					
	39	D910283	1	BOLT					
	40	A216375	6	SHIM					
	41	A216404	2	CLAMP					
	42	D917167	2	WASHER-HARD					
	43	D581807	4	SHIM					
	44	D581806	2	SHIM					
	45	D580364	1	HOSE AS-MFH 2580MM					
	-	D581352	1	HOSE AS-MFH 2950MM					
	-	A156213	1	HOSE AS-MFH 3230MM					
	-	A216386	1	HOSE AS-MFH 3600MM					
46	A216387	1	CHANNEL AS(A)-MFH 2580MM						
	-	A216388	1	CHANNEL AS(A)-MFH 2950MM					
	-	A216389	1	CHANNEL AS(A)-MFH 3230MM					
46	A216390	1	CHANNEL AS(A)-MFH 3600MM						
47	A216391	1	CHANNEL AS(B)-MFH 2580MM						
	-	A216392	1	CHANNEL AS(B)-MFH 2950MM					
	-	A216393	1	CHANNEL AS(B)-MFH 3230MM					
	-	A216394	1	CHANNEL AS(B)-MFH 3600MM					

Z-NOT SERVICED SEPARATELY

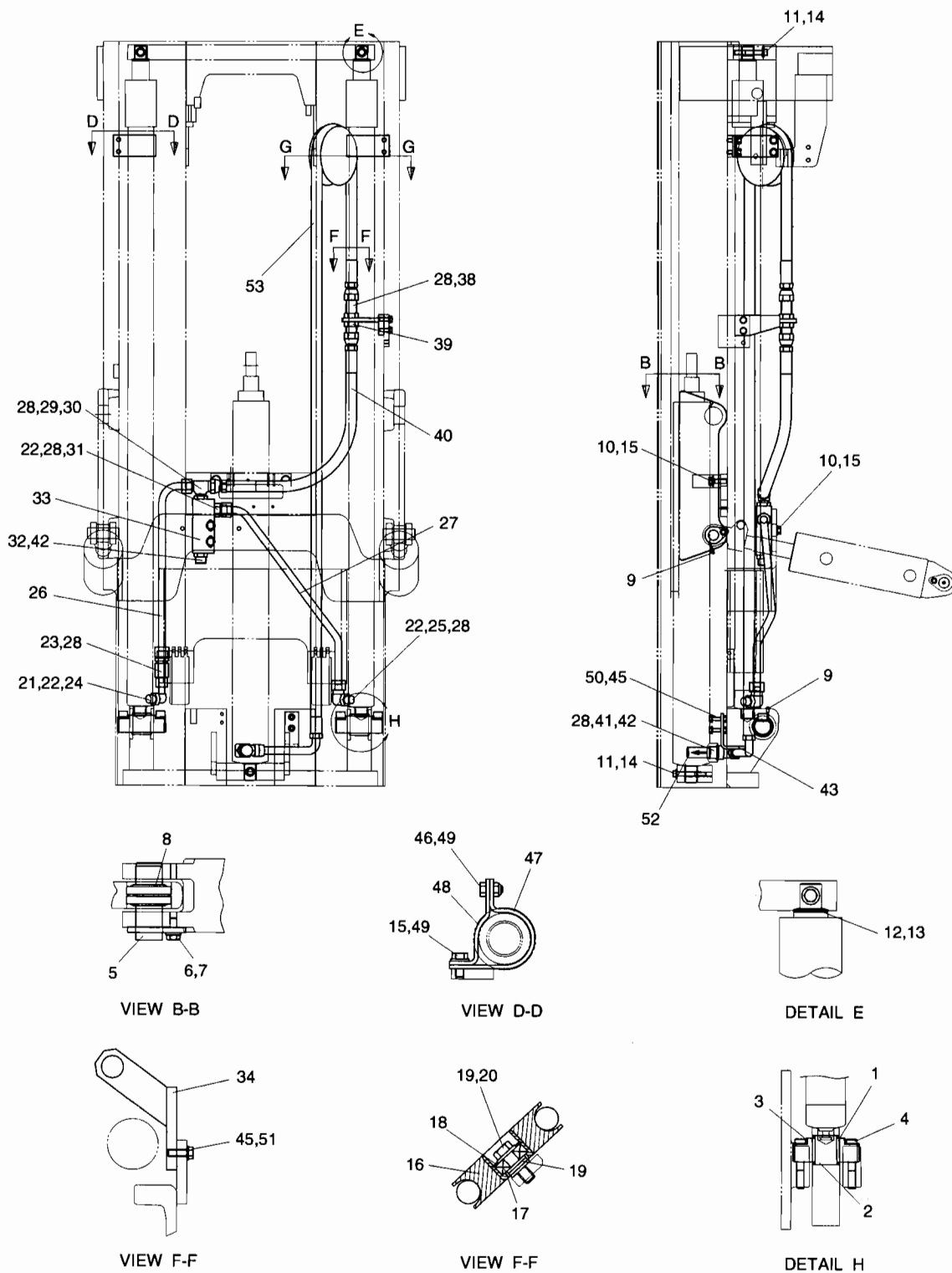
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216100 MOUNTING GP - LIFT & TILT(FFL)

Refer To Type1 - Fig.12.24

15.03

HYDRAULIC SYSTEM



A216101 MOUNTING GP - LIFT & TILT(FFT)
Refer To Type1 - Fig.12.25, Fig.12.26

15.03

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D582614	4	SEAL					
	2	D582615	2	BEARING					
	3	D582616	2	PIN					
	4	D910121	4	BOLT					
	5	D580041	2	PIN AS					
	6	D917094	2	WASHER					
	7	D910058	2	BOLT					
	8	D580058	2	BEARING					
	9	S6710021	4	FITTING					
	10	S0558263	4	BOLT					
	11	D917096	3	WASHER					
	12	D583333	3	SHIM					
	13	D583334	3	SHIM					
	14	S0558963	3	BOLT					
	15	D917093	8	WASHER					
	16	A216229	1	SHEAVE					
	17	D582721	1	BEARING					
	18	D919008	1	RING-RETAINING					
	19	D917091	4	WASHER-HARD					
	20	S0560563	1	BOLT					
	21	D902207	1	ELBOW					
	22	S8040081	3	SEAL-O-RING					
	23	D700495	1	PROTECTOR-FLOW					
	24	S8030081	1	SEAL-O-RING					
	25	D902019	1	ELBOW					
	26	A216305	1	TUBE AS					
	27	A216306	1	TUBE AS					
	28	S8030101	8	SEAL-O-RING					
	29	S8040101	1	SEAL-O-RING					
	30	D908044	1	TEE					
	31	D905042	1	CONNECTOR					
	32	D905047	1	CONNECTOR					
Z	33	A215182		VALVE GP					
	-	A215126	1	VALVE AS					
	-	A215127	1	MANIFOLD HOUSING					
	34	A216532	1	BRACKET					
	38	D905169	1	CONNECTOR					
	39	D909010	2	NUT					
	40	A216266	1	HOSE AS					
	41	D902209	1	ELBOW					
	42	S8040121	1	SEAL-O-RING					
	43	A216268	1	BRACKET					
	45	D917092	4	WASHER					
	46	D913002	4	LOCK NUT					
	47	A216310	2	BRACKET					
	48	A216311	2	BRACKET					
	49	S0511863	8	BOLT					
	50	S0556063	2	BOLT					
	51	S0555763	2	BOLT					
	52	A215044	1	PROTECTOR-FLOW					
	53	A216102	1	HOSE AS-MFH 3900MM					
	-	A216103	1	HOSE AS-MFH 4290MM					
	-	A216104	1	HOSE AS-MFH 4730MM					
	-	A216105	1	HOSE AS-MFH 5560MM					
	-	A216106	1	HOSE AS-MFH 6010MM					

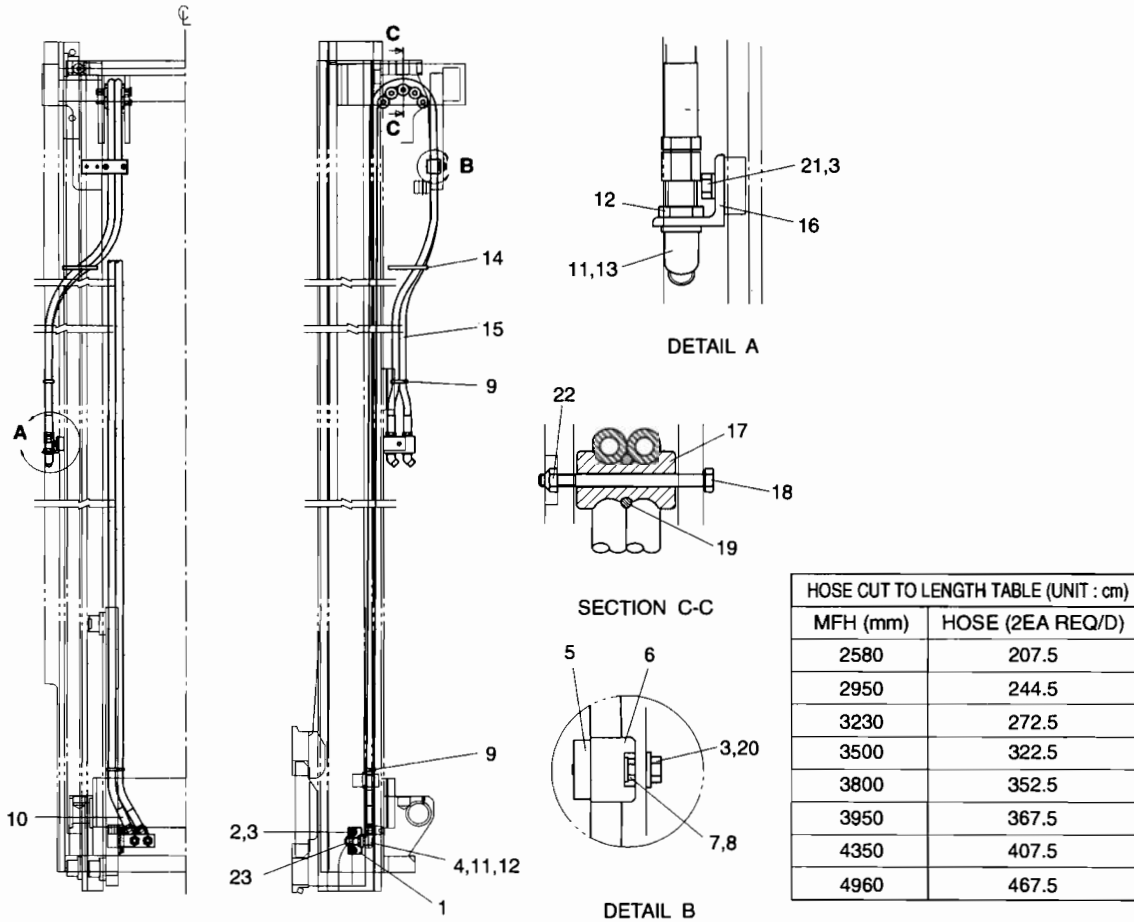
Z-NOT SERVICED SEPARATELY

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216101 MOUNTING GP - LIFT & TILT(FFT)
Refer To Type1 - Fig.12.25, Fig.12.26

15.04

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B, E	1	A216212	1	BRACKET AS					
	2	S0555763	2	BOLT					
	3	S5102503	5	WASHER					
	4	D500276	2	ELBOW					
	5	A216214	1	PLATE					
	6	A186860	1	CLAMP					
	7	S0505263	2	BOLT					
	8	S5010313	2	WASHER-PLAIN					
	9	D580786	2	STRAP					
	10	D909124	4	COUPLING					
	11	S8030061	8	O-RING					
	12	D580063	4	NUT					
	13	D902184	2	ELBOW 45°					
	14	D320087	1	STRAP					
	15	D909119	1	HOSE-CM					
	16	A216213	1	BRACKET					
	17	A216300	5	ROLLER					
	18	S0554263	5	BOLT					
	19	A216301	5	O-RING					
	20	S0556163	2	BOLT					
	21	S0508863	1	BOLT					
	22	D913009	5	NUT-LOCK					
	23	D909092	2	CAP AS					

B-USE AS REQUIRED
E-ORDER BY CENTIMETER

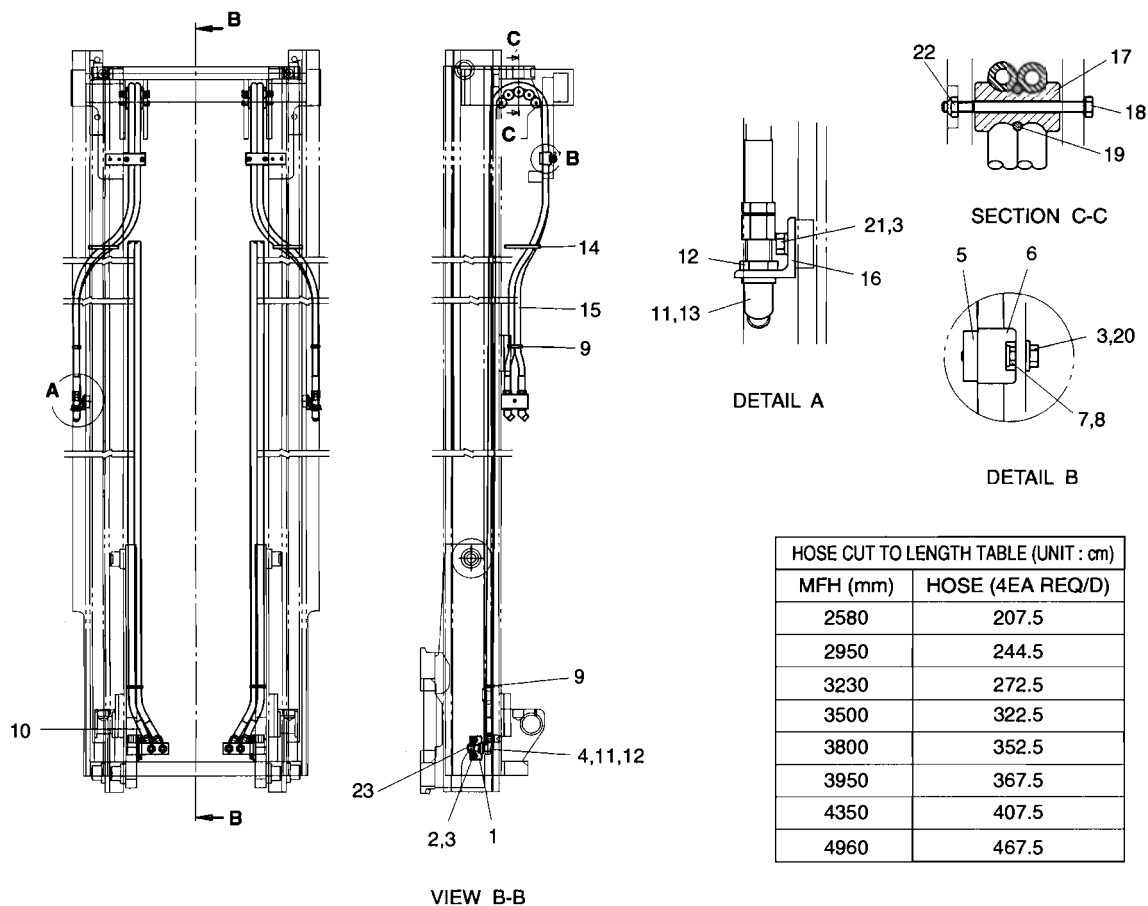
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216144 ATTACHMENT LINES - 3 WAY(STD)

Refer To Type1 - Fig.12.27

15.05

HYDRAULIC SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B.E	1	A216212	2	BRACKET AS					
	2	S0555763	4	BOLT					
	3	S5102503	10	WASHER					
	4	D500276	4	ELBOW					
	5	A216214	2	PLATE					
	6	A186860	2	CLAMP					
	7	S0505263	4	BOLT					
	8	S5010313	4	WASHER-PLAIN					
	9	D580786	4	STRAP					
	10	D909124	8	COUPLING					
	11	S8030061	16	O-RING					
	12	D580063	8	NUT					
	13	D902184	4	ELBOW 45°					
	14	D320087	2	STRAP					
	15	D909119		HOSE-CM					
	16	A216213	2	BRACKET					
	17	A216300	10	ROLLER					
	18	S0554263	10	BOLT					
	19	A216301	10	O-RING					
	20	S0556163	4	BOLT					
	21	S0508863	2	BOLT					
	22	D913009	10	NUT-LOCK					
	23	D909092	4	CAP AS					

B-USE AS REQUIRED
E-ORDER BY CENTIMETER

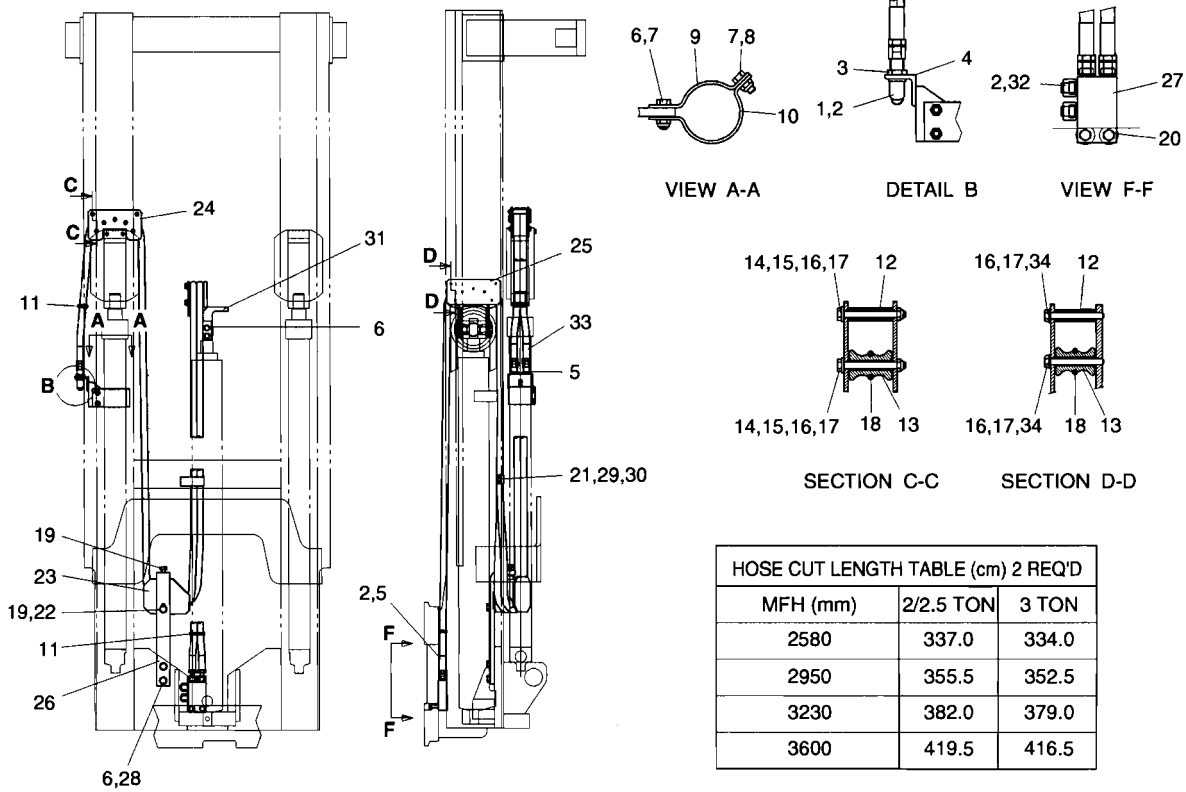
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216145 ATTACHMENT LINES - 4 WAY(STD)

Refer To Type1 - Fig.12.28

15.06

HYDRAULIC SYSTEM



HOSE CUT LENGTH TABLE (cm) 2 REQ'D		
MFH (mm)	2/2.5 TON	3 TON
2580	337.0	334.0
2950	355.5	352.5
3230	382.0	379.0
3600	419.5	416.5

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D902184	2	ELBOW		27	A216277	1	BLOCK AS
	2	S8030061	8	O-RING		28	D917092	2	WASHER-HARD
	3	D580063	2	NUT		29	D557322	1	CLIP
	4	A216362	1	BRACKET AS		30	S0511863	1	BOLT
	5	D909124	4	COUPLING		31	A216272	2	BRACKET
	6	S0555763	8	BOLT		32	D909092	2	CAP
	7	D913003	4	NUT-LOCK		33	D909119	7	HOSE-CM
	8	S0508863	2	BOLT		34	S0553763		BOLT
	9	A216372	1	BRACKET					
	10	A216373	1	BRACKET					
	11	D580786	2	STRAP					
	12	D582662	4	SLEEVE					
	13	A216278	10	ROLLER					
	14	D913009	7	NUT-LOCK					
	15	D910144	7	BOLT					
	16	D917094	14	WASHER					
	17	D582661	14	SPACER					
	18	A216301	10	O-RING					
	19	S0558363	2	BOLT					
	20	S0556161	2	BOLT					
	21	D917093	1	WASHER-HARD					
	22	D917055	1	WASHER-HARD					
	23	A216361	1	BRACKET AS-R.H.					
	24	A216374	1	GUIDE AS					
	25	A216276	1	GUIDE AS					
	26	A216356	1	PLATE					

B-USE AS REQUIRED
E-ORDER BY CENTIMETER

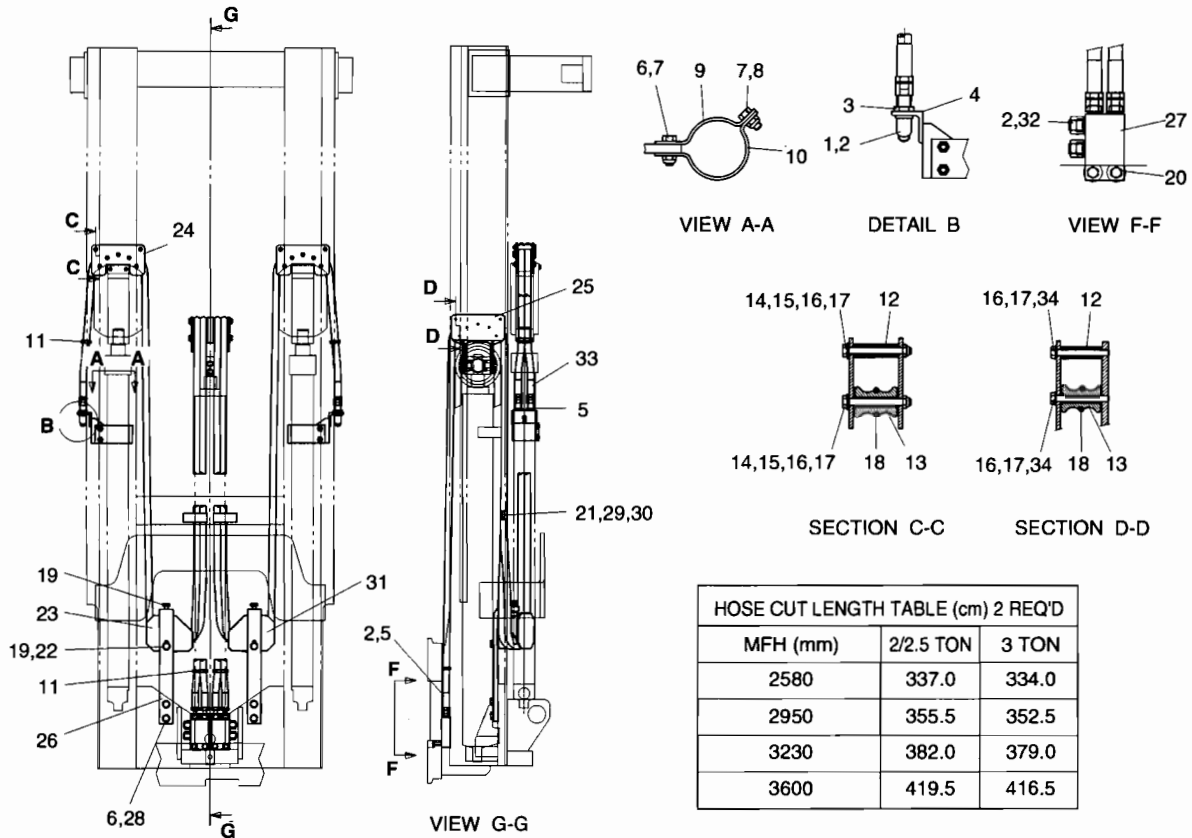
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216146 ATTACHMENT LINES - 3 WAY(FFL)

Refer To Type1 - Fig.12.29

15.07

HYDRAULIC SYSTEM



HOSE CUT LENGTH TABLE (cm) 2 REQ'D		
MFH (mm)	2/2.5 TON	3 TON
2580	337.0	334.0
2950	355.5	352.5
3230	382.0	379.0
3600	419.5	416.5

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D902184	4	ELBOW		27	A216277	2	BLOCK AS
	2	S8030061	16	O-RING		28	D917092	4	WASHER-HARD
	3	D580063	4	NUT		29	D557322	2	CLIP
	4	A216362	2	BRACKET AS		30	S0511863	2	BOLT
	5	D909124	8	COUPLING		31	A216365	1	BRACKET AS-L.H.
	6	S0555763	8	BOLT		32	D909092	4	CAP
	7	D913003	8	NUT-LOCK		33	D909119	14	HOSE-CM
	8	S0508863	4	BOLT		34	S0553763	14	BOLT
	9	A216372	2	BRACKET					
	10	A216373	2	BRACKET					
	11	D580786	4	STRAP					
	12	D582662	8	SLEEVE					
	13	A216278	20	ROLLER					
	14	D913009	14	NUT-LOCK					
	15	D910144	14	BOLT					
	16	D917094	28	WASHER					
	17	D582661	28	SPACER					
	18	A216301	20	O-RING					
	19	S0558363	4	BOLT					
	20	S0556161	4	BOLT					
	21	D917093	2	WASHER-HARD					
	22	D917055	2	WASHER-HARD					
	23	A216361	1	BRACKET AS-R.H.					
	24	A216374	2	GUIDE AS					
	25	A216282	1	GUIDE AS					
	26	A216356	2	PLATE					

B-USE AS REQUIRED
E-ORDER BY CENTIMETER

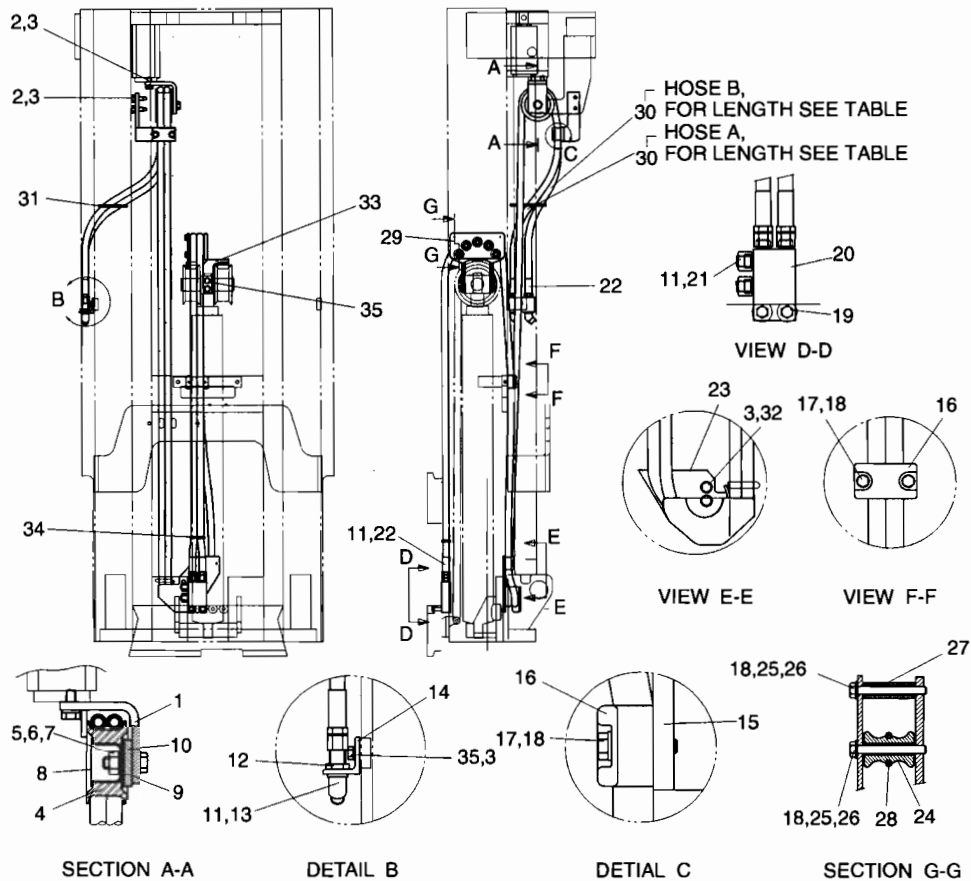
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216147 ATTACHMENT LINES - 4 WAY(FFL)

Refer To Type1 - Fig.12.30

15.08

HYDRAULIC SYSTEM



HOSE CUT LENGTH TABLE (cm)					HOSE CUT LENGTH TABLE (cm)				
MODEL	GC20/25		GC30		MODEL	B20/25		B30	
MFH (mm)	HOSE A	HOSE B	HOSE A	HOSE B	MFH (mm)	HOSE A	HOSE B	HOSE A	HOSE B
3900	405.5	400.5	403.5	398.5	3900	405	400	410	405
4290	445.5	440.5	443.5	438.5	4290	452	447	449	444
4730	486.5	481.5	484.5	479.5	4730	493	488	490	485
5560	590	585	588	583.5	5560	596.5	591.5	593.5	588.5
6010	633.5	628.5	631.5	626.5	6010	640	635	637	632
MODEL	DG20/25		DG30		MODEL	BC20/25		BC30	
MFH (mm)	HOSE A	HOSE B	HOSE A	HOSE B	MFH (mm)	HOSE A	HOSE B	HOSE A	HOSE B
3900	411	406	408	403	3900	405.5	400.5	403.5	398.5
4290	451	446	448	443	4290	445.5	440.5	443.5	438.5
4730	492	487	489	484	4730	486.5	481.5	484.5	479.5
5560	595.5	590.5	592.5	587.5	5560	590	585	588	583.5
6010	639	634	636	631	6010	633.5	628.5	631.5	626.5

HOSE A : 1EA REQUIRED
HOSE B : 1EA REQUIRED

A216148 ATTACHMENT LINES - 3 WAY(FFT)

Refer To Type1 - Fig.12.31

15.08

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B,E	1	A216274	1	BRACKET					
	2	S0555763	4	BOLT					
	3	S5102503	7	WASHER					
	4	D700492	1	SHEAVE					
	5	S0560661	1	BOLT					
	6	D913010	1	NUT-LOCK					
	7	D917041	2	WASHER					
	8	D580384	1	CUP					
	9	D917232	1	WASHER					
	10	D700493	1	PLATE					
	11	S8030061	8	O-RING					
	12	D580063	2	NUT					
	13	D902184	2	UNION					
	14	A216213	1	BRACKET					
	15	A216273	1	BRACKET					
	16	A186860	2	CLAMP					
	17	S0505263	4	BOLT					
	18	S5010313	11	WASHER					
	19	S0556161	2	BOLT					
	20	A216277	1	BLOCK AS					
	21	D909092	2	CAP					
	22	D909124	4	COUPLING					
	23	A216370	1	BRACKET AS					
	24	A216278	5	ROLLER					
	25	D582661	7	SPACER					
	26	S0553763	7	BOLT					
	27	D582662	2	SLEEVE					
	28	A216301	5	O-RING					
	29	A216276	1	GUIDE AS					
	30	D909119		HOSE-CM					
	31	D320087	1	STRAP					
	32	S0556063	2	BOLT					
	33	A216272	2	GUIDE-CHAIN					
	34	D580786	1	STRAP					
	35	S0508863	5	BOLT					

B-USE AS REQUIRED
E-ORDER BY CENTIMETER

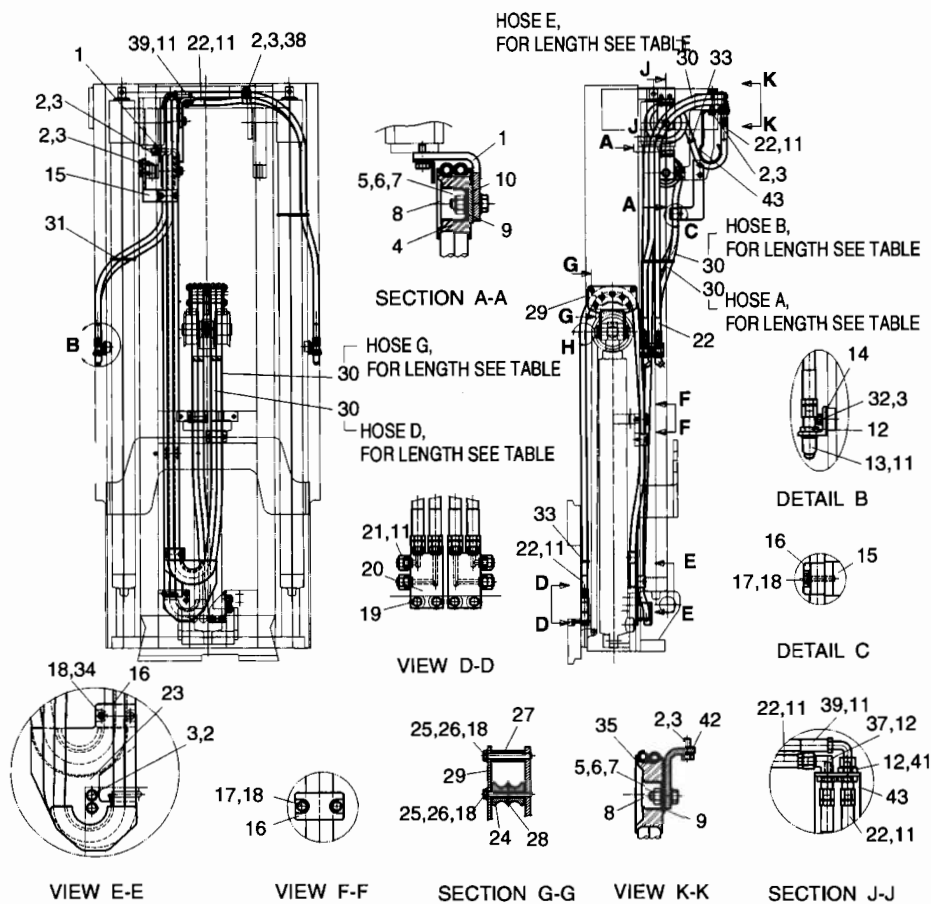
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10-2319~UP 12-9303~UP

A216148 ATTACHMENT LINES - 3 WAY(FFT)

Refer To Type1 - Fig.12.31

15.09

HYDRAULIC SYSTEM



					HOSE CUT LENGTH TABLE (cm)									
MODEL	DG20/25				B20/25				B30				B20/30	
MFH (mm)	HOSE A	HOSE B	HOSE C	HOSE D	HOSE A	HOSE B	HOSE C	HOSE D	HOSE A	HOSE B	HOSE C	HOSE D	HOSE E	
3900	411	406	390	395	405	400	384	389	410	405	389	394	97.5	
4290	451	446	417	422	452	447	411	416	449	444	416	421	111	
4730	492	487	445	450	493	488	439	444	490	485	444	449	125	
5560	595.5	590.5	515	520	596.5	591.5	509	514	593.5	588.5	514	519	160	
6010	639	634	545	550	640	635	539	544	637	632	544	549	175	
MODEL	DG30				DG20/40	GC,BC20/25				GC,BC30				GC,BC20/30
MFH (mm)	HOSE A	HOSE B	HOSE C	HOSE D	HOSE E	HOSE A	HOSE B	HOSE C	HOSE D	HOSE A	HOSE B	HOSE C	HOSE D	HOSE E
3900	408	403	387	392	97.5	405.5	400.5	384.5	388.5	403.5	398.5	382.5	387.5	97.5
4290	448	443	414	419	111	445.5	440.5	411.5	416.5	416.5	443.5	409.5	414.5	111
4730	489	484	442	447	125	486.5	481.5	439.5	444.5	444.5	484.5	437.5	442.5	125
5560	592.5	587.5	512	517	160	590	585	509.5	514.5	514.5	588	507.5	512.5	160
6010	636	631	542	547	175	633.5	628.5	539.5	544.5	544.5	631.5	537.5	542.5	175

TOLERANCE : ± 10 mm
 HOSE A,B,C & D : 1EA REQUIRED
 HOSE E : 2 EA REQUIRED

A216149 ATTACHMENT LINES - 4 WAY(FFT)

Refer To Type1 - Fig.12.32

15.09

HYDRAULIC SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B,E	1	A216274	1	BRACKET					
	2	S0555763	7	BOLT					
	3	S5102503	13	WASHER					
	4	D700492	1	SHEAVE					
	5	S0560661	2	BOLT					
	6	D913010	2	NUT-LOCK					
	7	D917041	4	WASHER					
	8	D580384	2	CUP					
	9	D917232	3	WASHER					
	10	D700493	1	PLATE					
	11	S8030061	20	O-RING					
	12	D580063	6	NUT					
	13	D902184	4	ELBOW					
	14	A216213	2	BRACKET					
	15	A216273	1	BRACKET					
	16	A186860	4	CLAMP					
	17	S0505263	6	BOLT					
	18	S5010313	22	WASHER-PALIN					
	19	S0556161	4	BOLT					
	20	A216277	2	BLOCK AS					
	21	D909092	4	CAP					
	22	D909124	11	COUPLING					
	23	A216517	1	BRACKET AS					
	24	A216278	10	ROLLER					
	25	D582661	14	SPACER					
	26	S0553763	14	BOLT					
	27	D582662	4	SLEEVE					
	28	A216301	10	O-RING					
	29	A216282	1	GUIDE AS					
	30	D909119		HOSE-CM					
	31	D320087	2	STRAP					
	32	S0508863	2	BOLT					
	33	D580786	3	SHEAVE					
	34	S0505063	2	BOLT					
	35	A216230	1	SHEAVE					
	37	D500276	1	ELBOW					
	38	A216312	1	CLIP					
	39	D580396	1	COUPLING 90°					
	40	S0556063	2	BOLT					
	41	D905104	1	UNION					
	42	A216280	1	BRACKET					
	43	A216279	1	BRACKET					

B-USE AS REQUIRED
E-ORDER BY CENTIMETER

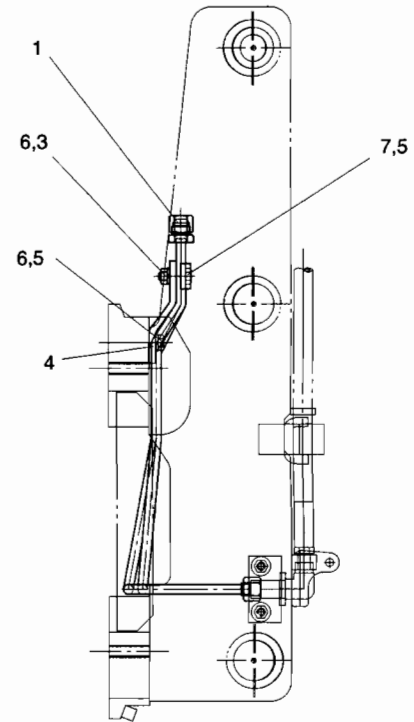
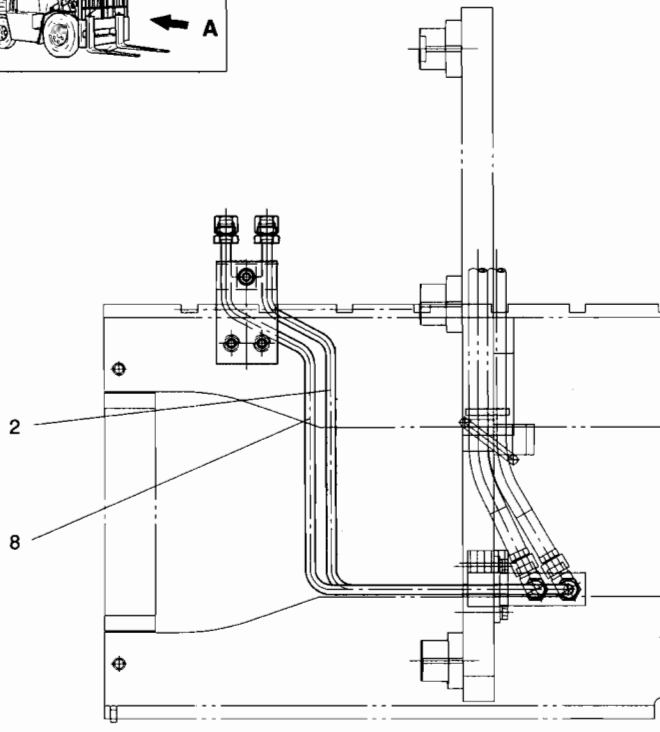
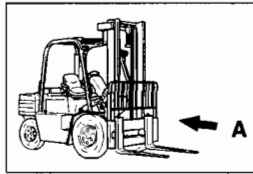
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216149 ATTACHMENT LINES - 4 WAY(FFT)

Refer To Type1 - Fig.12.32

15.10

HYDRAULIC SYSTEM



시 도 A
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A216419	1	TUBE AS-R.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A216420	1	TUBE AS-R.H.					

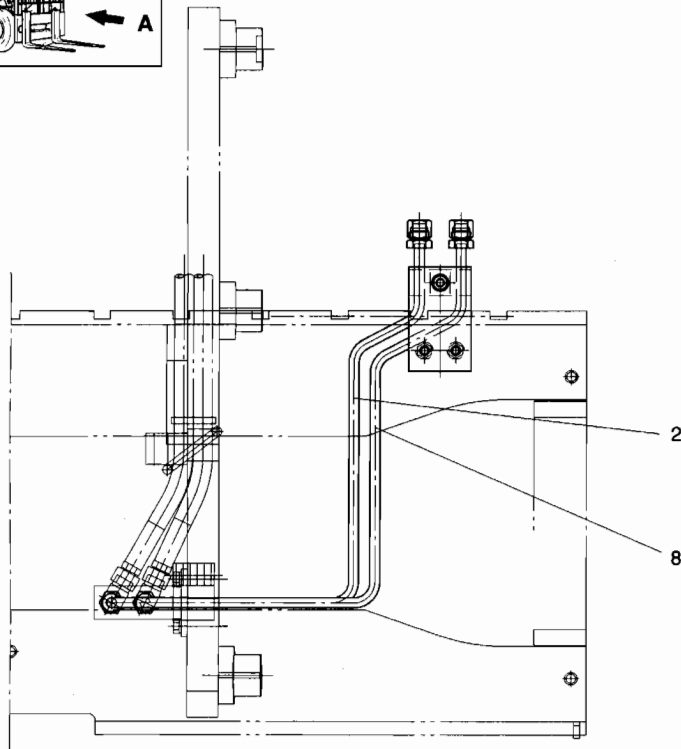
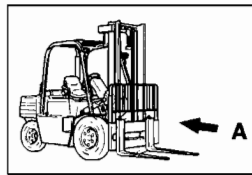
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216159 LINES GP ATT - SEC(3WAY) RH(STD)
(G,D 20/25S)

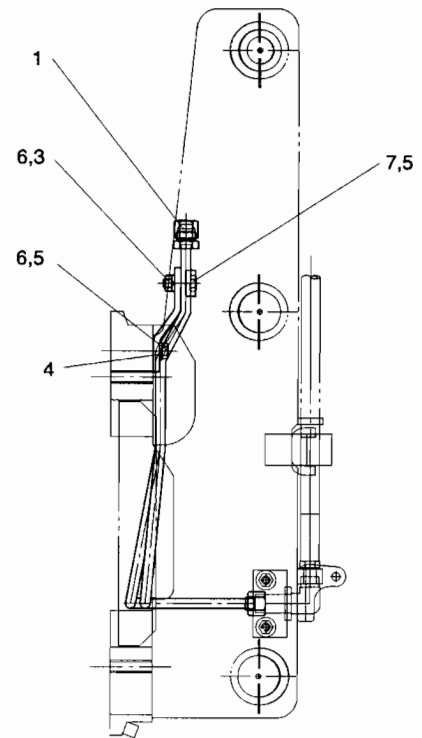
Refer To Type1 - Fig.12.34

15.11

HYDRAULIC SYSTEM



시 도 A
VIEW A



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A216421	1	TUBE AS-L.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A216422	1	TUBE AS-L.H.					

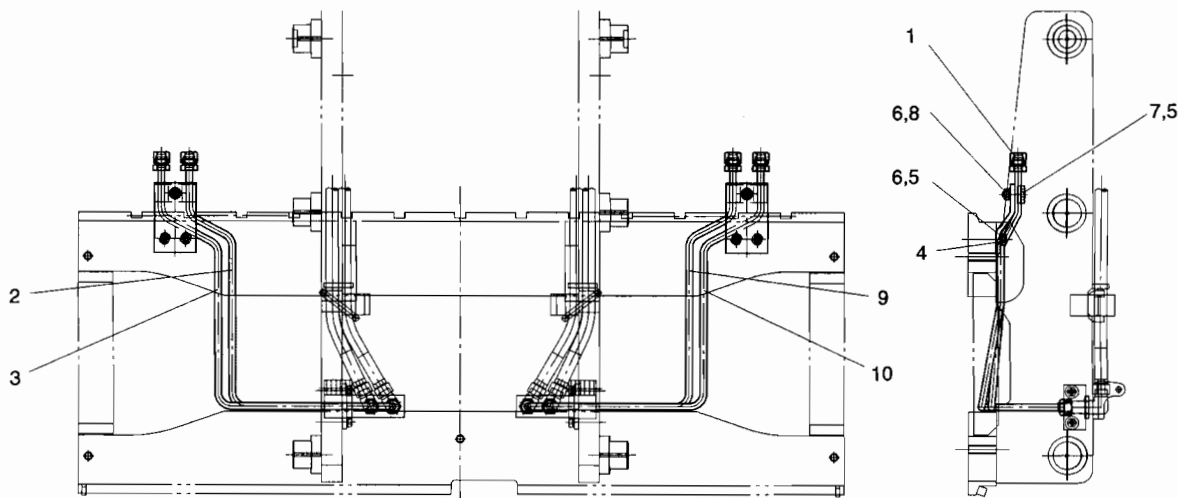
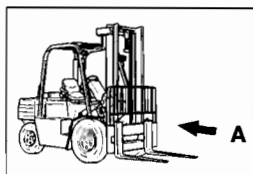
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216160 LINES GP ATT - SEC(3WAY) LH(STD)(2 TON, 2.5 TON)

Refer To Type1 - Fig.12.33

15.12

HYDRAULIC SYSTEM



시 도 A
VIEW A

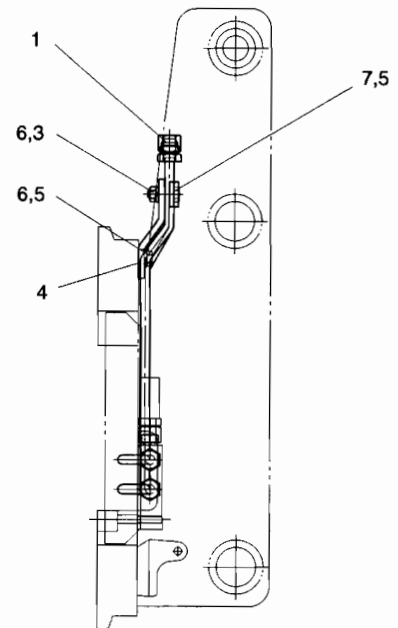
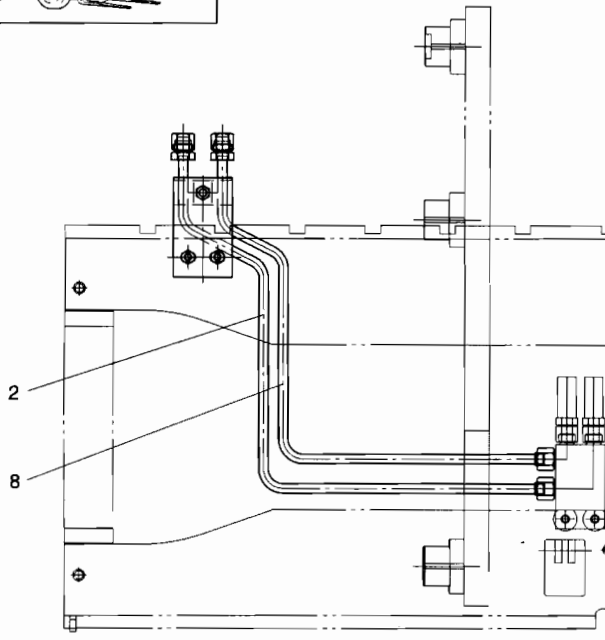
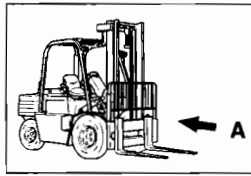
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	4	CAP					
	2	A216419	1	TUBE AS-R.H.					
	3	A216420	1	TUBE AS-R.H.					
	4	D580127	2	BRACKET					
	5	S0555763	6	BOLT					
	6	S5102503	6	WASHER-SPRING					
	7	D580128	2	CLAMP					
	8	S4006543	2	NUT					
	9	A216421	1	TUBE AS-L.H.					
	10	A216422	1	TUBE AS-L.H.					
09-1251~UP 11-0821~UP 10-2319~UP 12-9303~UP									

A216161 LINES GP ATT - SEC(4WAY)(STD)(2 TON, 2.5 TON)

Refer To Type1 - Fig.12.35

15.13

HYDRAULIC SYSTEM



시 도
VIEW A

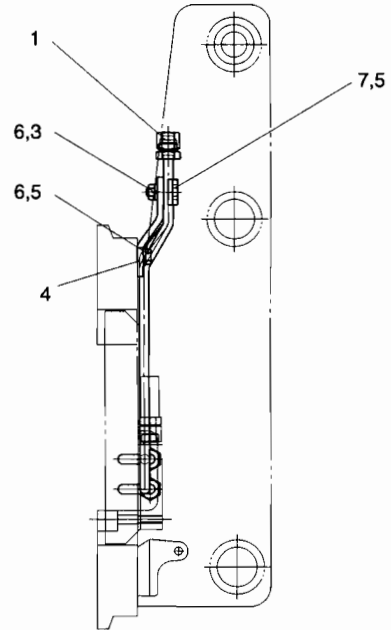
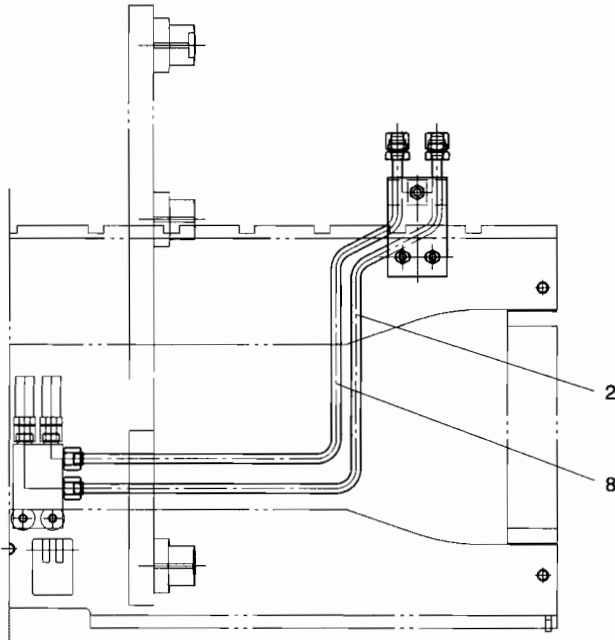
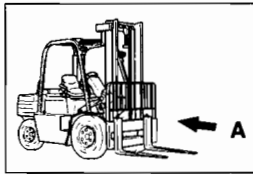
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A21642 2 4	1	TUBE AS-R.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A21642 2 3	1	TUBE AS-R.H.					
09-1251~UP 11-0821~UP 10-2319~UP 12-9303~UP									

A216162 LINES GP ATT - SEC(3WAY) RH(FF, FFT)(2 TON, 2.5 TON)

Refer To Type1 - Fig.12.36

15.14

HYDRAULIC SYSTEM



시 도
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A21642 8 6	1	TUBE AS-L.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A21642 8 5	1	TUBE AS-L.H.					

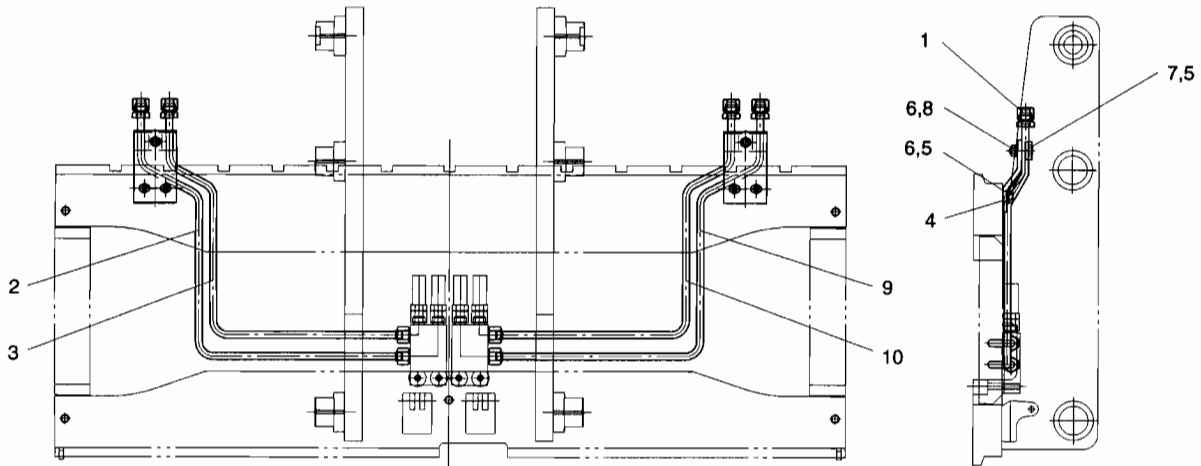
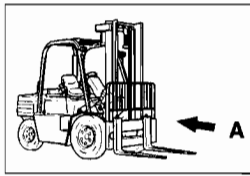
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216163 LINES GP ATT - SEC(3WAY) LH(FFL, FFT)(2 TON, 2.5 TON)

Refer To Type1 - Fig.12.37

15.15

HYDRAULIC SYSTEM



시 도
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	4	CAP					
	2	A21642 2 4	1	TUBE AS-R.H.					
	3	A21642 1 3	1	TUBE AS-R.H.					
	4	D580127	2	BRACKET					
	5	S0555763	6	BOLT					
	6	S5102503	6	WASHER-SPRING					
	7	D580128	2	CLAMP					
	8	S4006543	2	NUT					
	9	A21642 2 6	1	TUBE AS-L.H.					
	10	A21642 1 5	1	TUBE AS-L.H.					

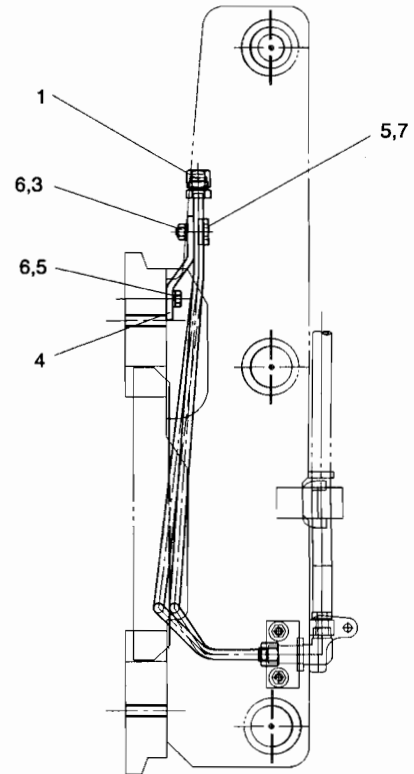
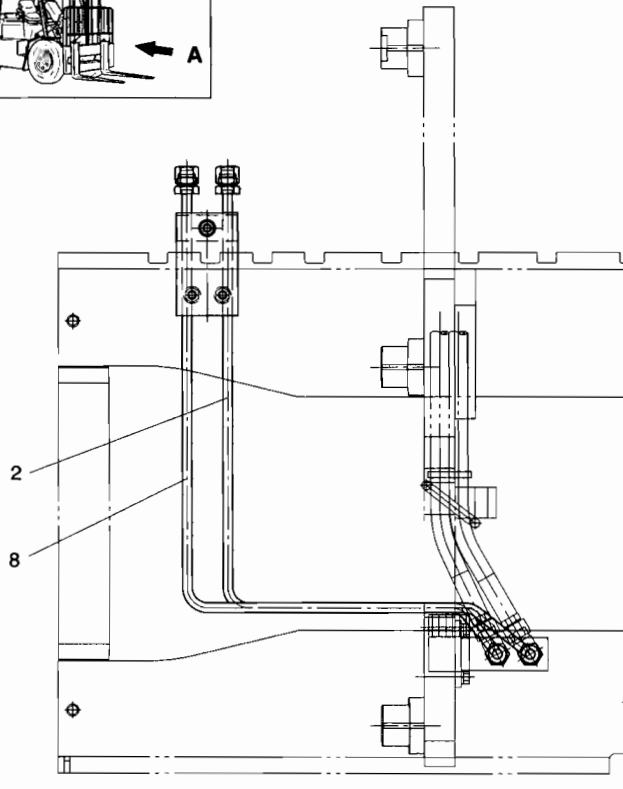
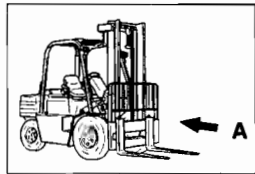
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216164 LINES GP ATT - SEC(4 WAY)(FFL, FFT)(2 TON, 2.5 TON)

Refer To Type1 - Fig.12.38

15.16

HYDRAULIC SYSTEM



시 도
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A216219	1	TUBE AS-R.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A216220	1	TUBE AS-R.H.					

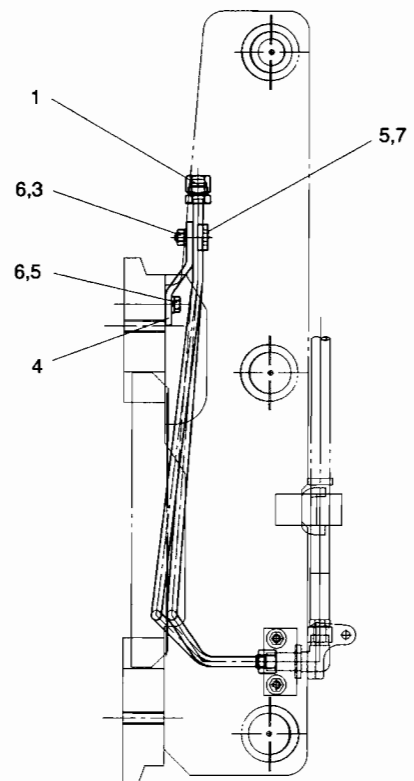
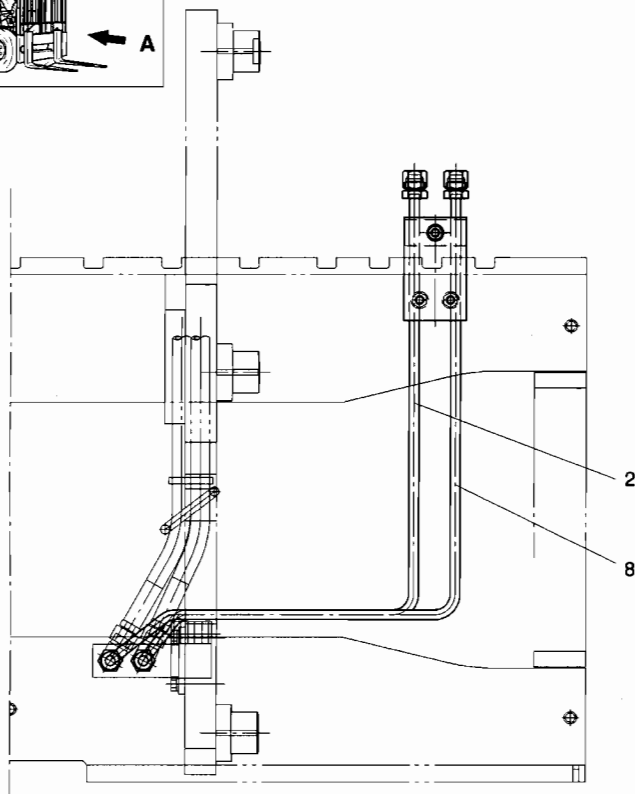
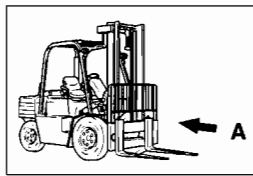
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216165 LINES GP ATT - SEC(3WAY) RH(STD)(3 TON)

Refer To Type1 - Fig.12.40

15.17

HYDRAULIC SYSTEM



시 도
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A216221	1	TUBE AS-L.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A216222	1	TUBE AS-L.H.					

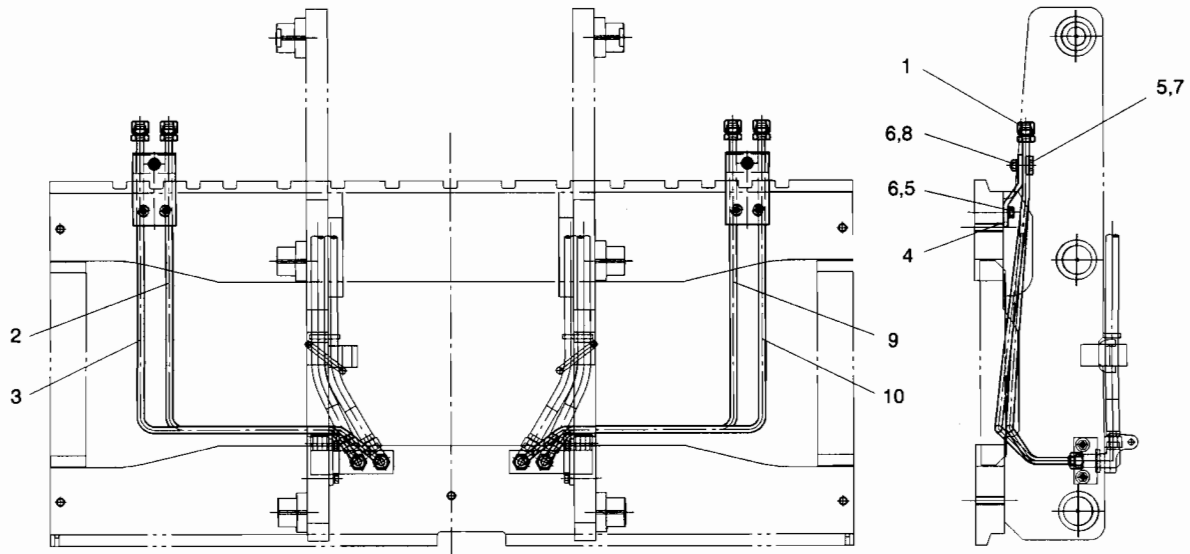
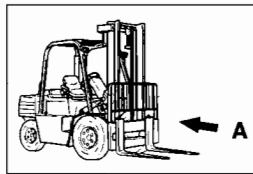
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216166 LINES GP ATT - SEC(3WAY) LH(STD)(3 TON)

Refer To Type1 - Fig.12.39

15.18

HYDRAULIC SYSTEM



시 도 A
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	4	CAP					
	2	A216219	1	TUBE AS-R.H.					
	3	A216220	1	TUBE AS-R.H.					
	4	D580127	2	BRACKET					
	5	S0555763	6	BOLT					
	6	S5102503	6	WASHER-SPRING					
	7	D580128	2	CLAMP					
	8	S4006543	2	NUT					
	9	A216221	1	TUBE AS-L.H.					
	10	A216222	1	TUBE AS-L.H.					

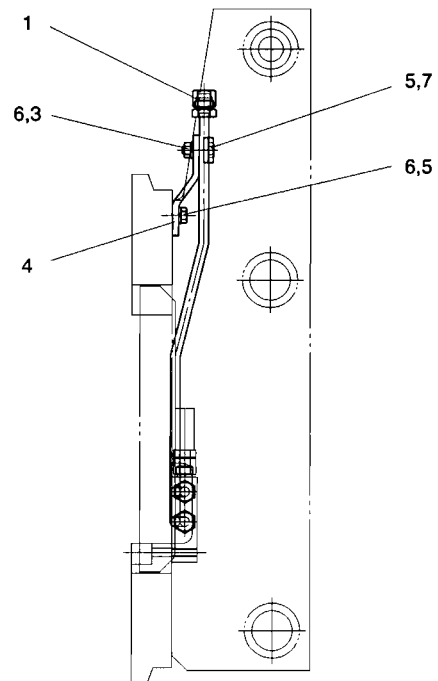
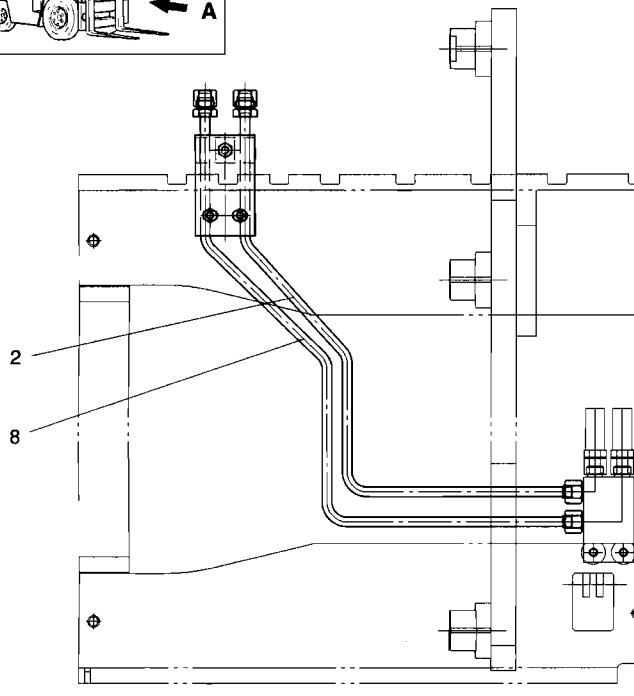
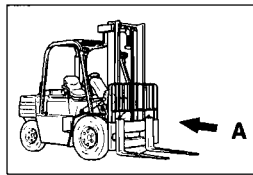
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216167 LINES GP ATT - SEC(4 WAY)(STD)(3 TON)

Refer To Type1 - Fig.12.41

15.19

HYDRAULIC SYSTEM



시 도
VIEW A

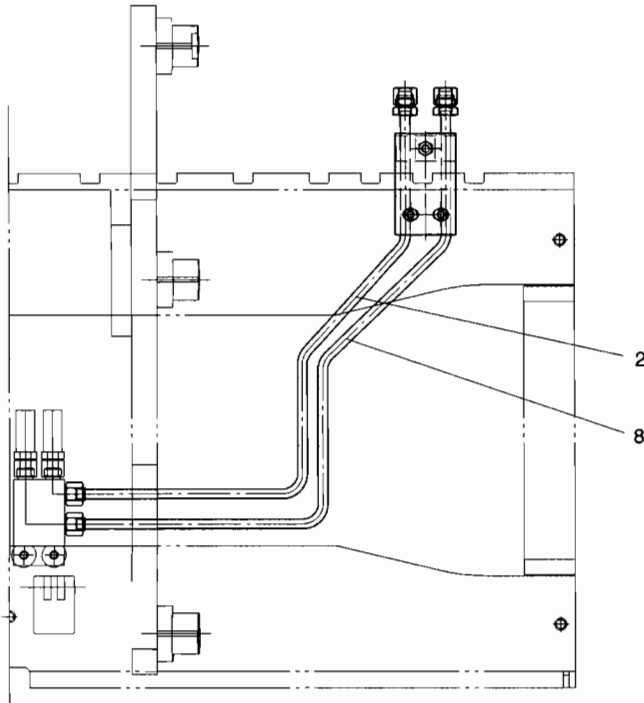
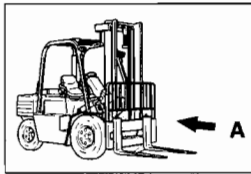
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A216287	1	TUBE AS-R.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A216288	1	TUBE AS-R.H.					
09-1251~UP 11-0821~UP 10-2319~UP 12-9303~UP									

A216168 LINES GP ATT - SEC(3 WAY) RH(FFL, FFT)(3 TON)

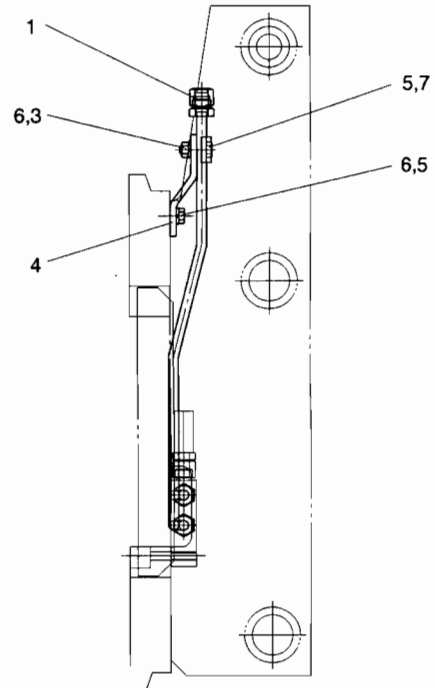
Refer To Type1 - Fig.12.43

15.20

HYDRAULIC SYSTEM



시 도
VIEW A



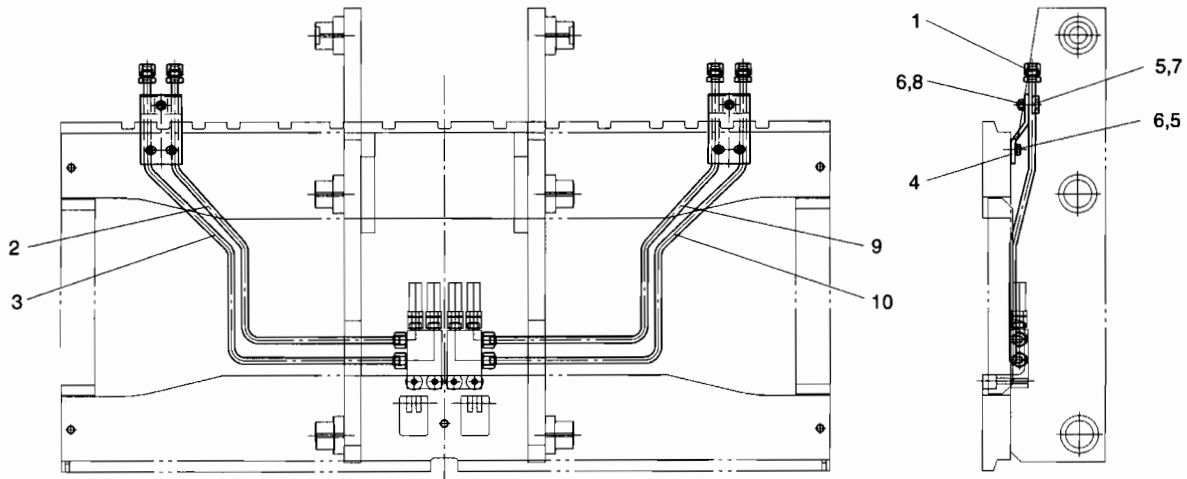
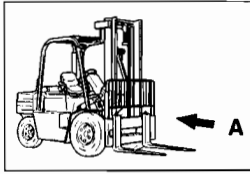
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	2	CAP					
	2	A216289	1	TUBE AS-L.H.					
	3	S4006543	1	NUT					
	4	D580127	1	BRACKET					
	5	S0555763	3	BOLT					
	6	S5102503	3	WASHER-SPRING					
	7	D580128	1	CLAMP					
	8	A216290	1	TUBE AS-L.H.					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216169 LINES GP ATT - SEC(3 WAY) LH(FFL, FFT)(3 TON)
Refer To Type1 - Fig.12.42

15.21

HYDRAULIC SYSTEM



시 도
VIEW A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D580129	4	CAP					
	2	A216287	1	TUBE AS-R.H.					
	3	A216288	1	TUBE AS-R.H.					
	4	D580127	2	BRACKET					
	5	S0555763	6	BOLT					
	6	S5102503	6	WASHER-SPRING					
	7	D580128	2	CLAMP					
	8	S4006543	2	NUT					
	9	A216289	1	TUBE AS-L.H.					
	10	A216290	1	TUBE AS-L.H.					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

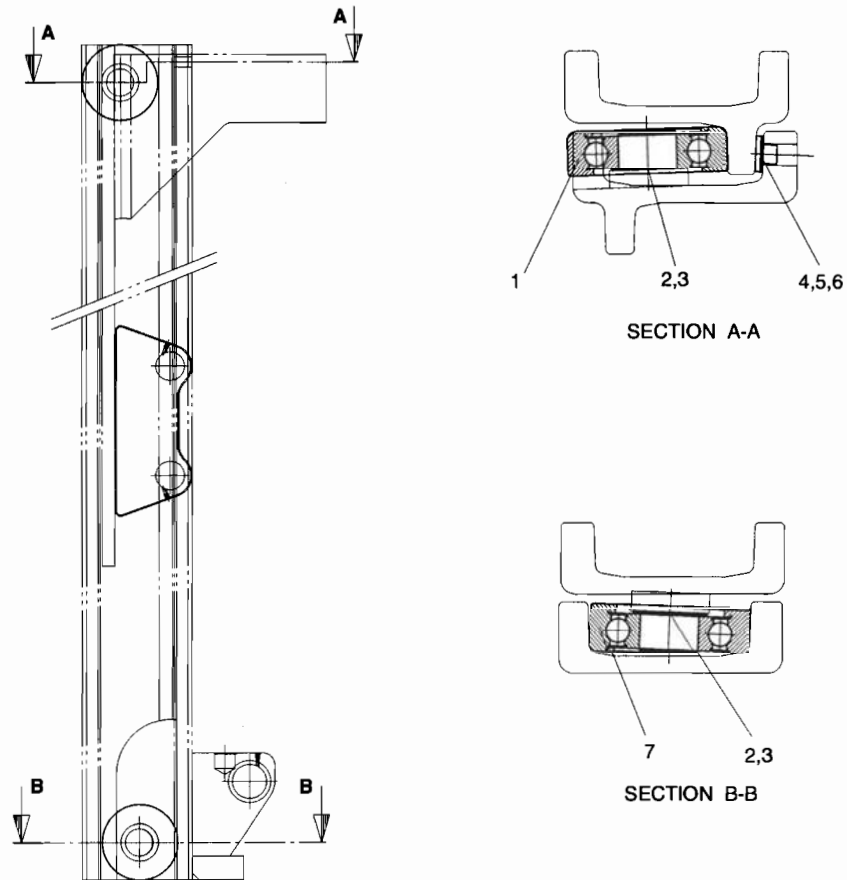
A216170 LINES GP ATT - SEC(4 WAY)(FFL, FFT)(3 TON)

Refer To Type1 - Fig.12.44

MEMORANDA

16.01

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	D581814	2	BEARING					
B	2	D581812	16	SHIM					
B	3	D581813	12	SHIM					
	4	D581818	2	PAD					
B	5	D581819	4	SHIM					
B	6	D581820	4	SHIM					
J	7	D581814	2	BEARING-UNDER SIZE					
J	-	D581815	2	BEARING-STD					
J	-	D581816	2	BEARING-OVER SIZE					

B-USE AS REQUIRED
J-MUST USE SAME BEARING

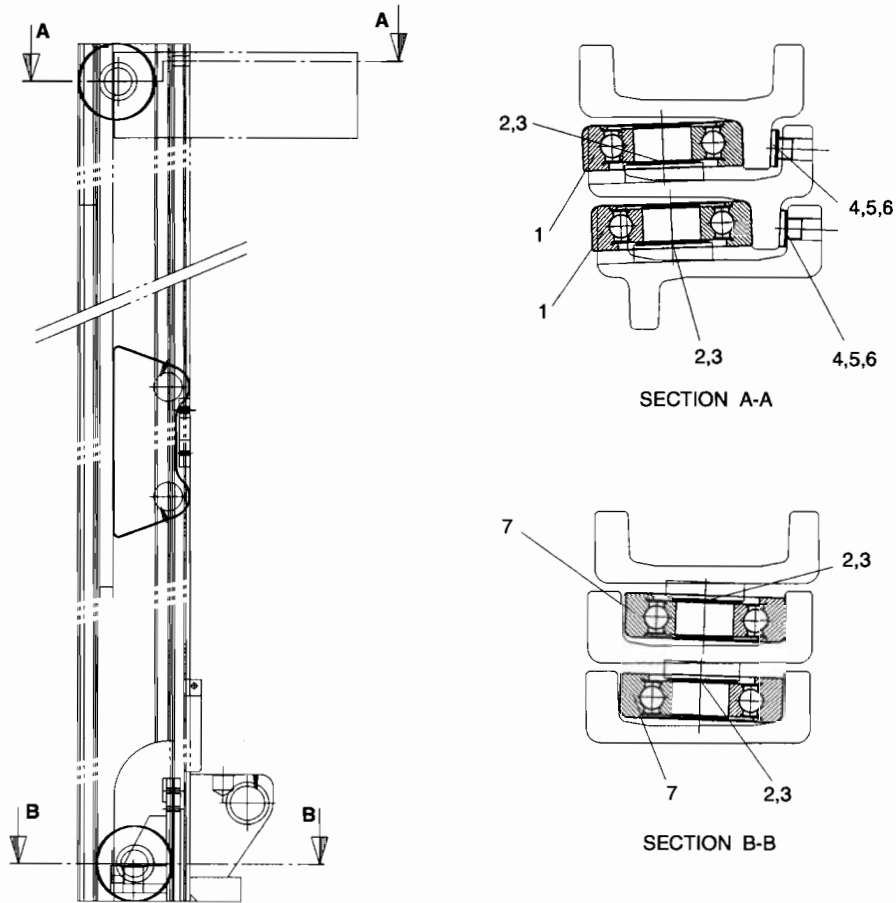
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

16

D581922 MAST GP - BSC(STD, FFL)
Refer To Type1 - Fig.13.09

16.02

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	D581814	4	BEARING					
B	2	D581812	32	SHIM					
B	3	D581813	24	SHIM					
	4	D581818	4	PAD					
B	5	D581819	8	SHIM					
B	6	D581820	8	SHIM					
J	7	D581814	4	BEARING-UNDER SIZE					
J	-	D581815	4	BEARING-STD					
J	-	D581816	4	BEARING-OVER SIZE					

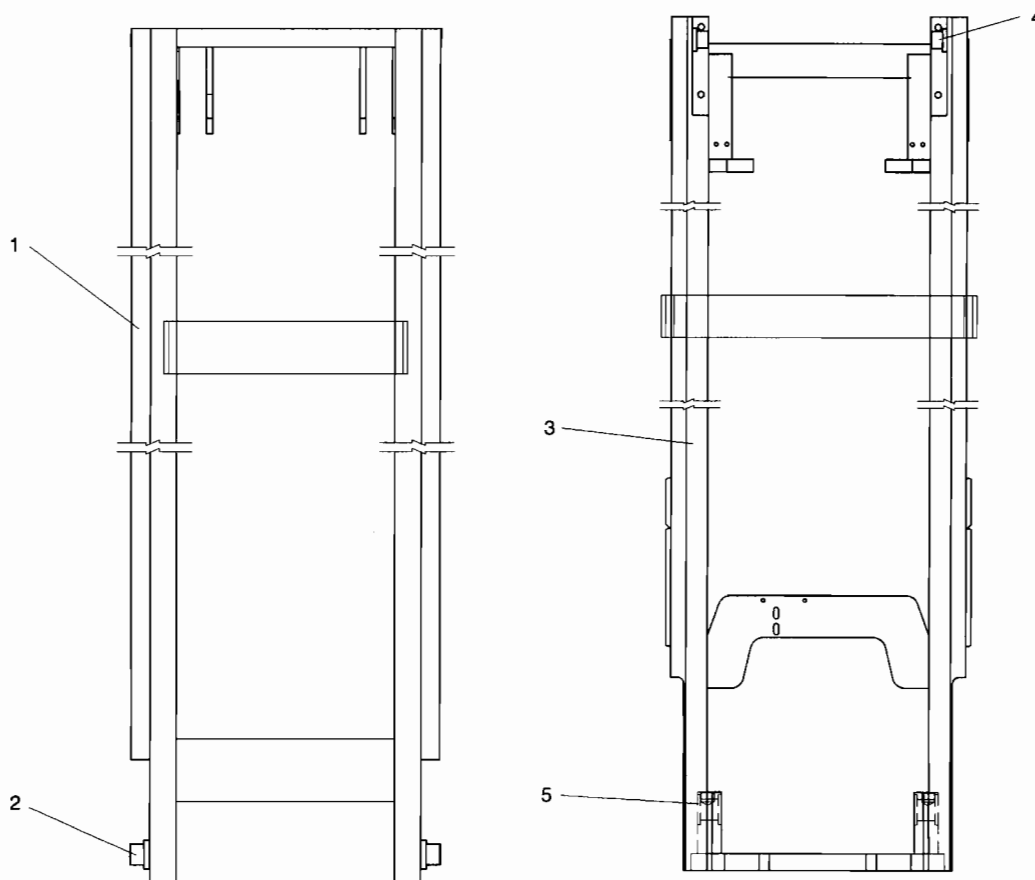
B-USE AS REQUIRED
J-MUST USE SAME BEARING

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

D581654 MAST GP - BSC(FFT)
Refer To Type1 - Fig.13.10

16.03

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	A216060	1	UPRIGHT AS (INNER) MFH 2030MM					
	-	A216061	1	UPRIGHT AS (INNER) MFH 2580MM					
	-	A216062	1	UPRIGHT AS (INNER) MFH 2950MM					
	-	A216063	1	UPRIGHT AS (INNER) MFH 3230MM					
	-	A216064	1	UPRIGHT AS (INNER) MFH 3500MM					
	-	A216065	1	UPRIGHT AS (INNER) MFH 3800MM					
	-	A216066	1	UPRIGHT AS (INNER) MFH 3950MM					
	-	A216067	1	UPRIGHT AS (INNER) MFH 4350MM					
	-	A216068	1	UPRIGHT AS (INNER) MFH 4960MM					
	2	-	2	PIN					
Z	3	A216038	1	UPRIGHT AS (STAT) MFH 2030MM					
	-	A216039	1	UPRIGHT AS (STAT) MFH 2580MM					
	-	A216040	1	UPRIGHT AS (STAT) MFH 2950MM					
	-	A216041	1	UPRIGHT AS (STAT) MFH 3230MM					
	-	A216042	1	UPRIGHT AS (STAT) MFH 3500MM					
	-	A216043	1	UPRIGHT AS (STAT) MFH 3800MM					
	-	A216044	1	UPRIGHT AS (STAT) MFH 3950MM					
	-	A216045	1	UPRIGHT AS (STAT) MFH 4350MM					
	-	A216046	1	UPRIGHT AS (STAT) MFH 4960MM					
	4	-	2	PIN					
Z	5	-	1	HINGE BAR AS					

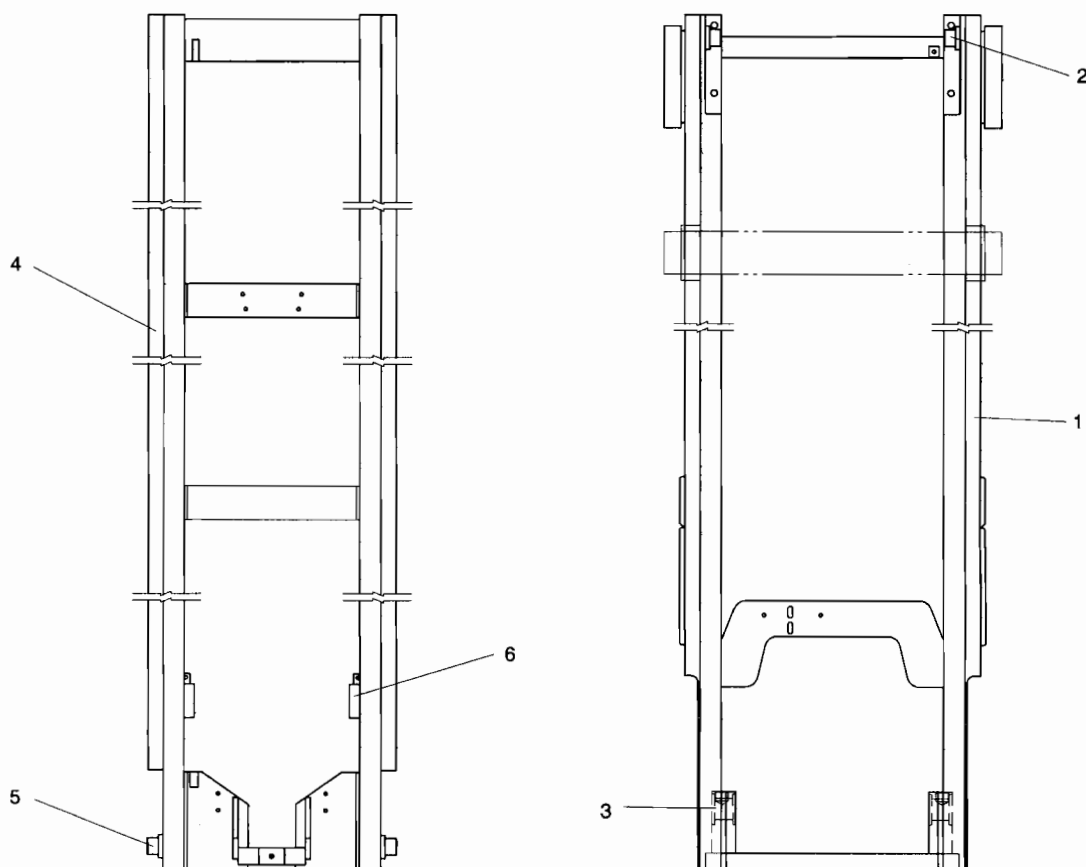
Z-NOT SERVICED SEPARATELY

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

MAST - STD
Refer To Type1 - Fig.13.11

16.04

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A216047	1	UPRIGHT AS (STAT) MFH 2580MM					
	-	A216048	1	UPRIGHT AS (STAT) MFH 2950MM					
	-	A216049	1	UPRIGHT AS (STAT) MFH 3230MM					
	-	A216050	1	UPRIGHT AS (STAT) MFH 3600MM					
Z	2	-	2	PIN					
Z	3	-	1	HINGE BAR AS					
	4	A216069	1	UPRIGHT AS (INNER) MFH 2580MM					
	-	A216070	1	UPRIGHT AS (INNER) MFH 2950MM					
	-	A216071	1	UPRIGHT AS (INNER) MFH 3230MM					
	-	A216072	1	UPRIGHT AS (INNER) MFH 3600MM					
Z	5	-	2	PIN					
Z	6	-	2	ANCHOR					

Z-NOT SERVICED SEPARATELY

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

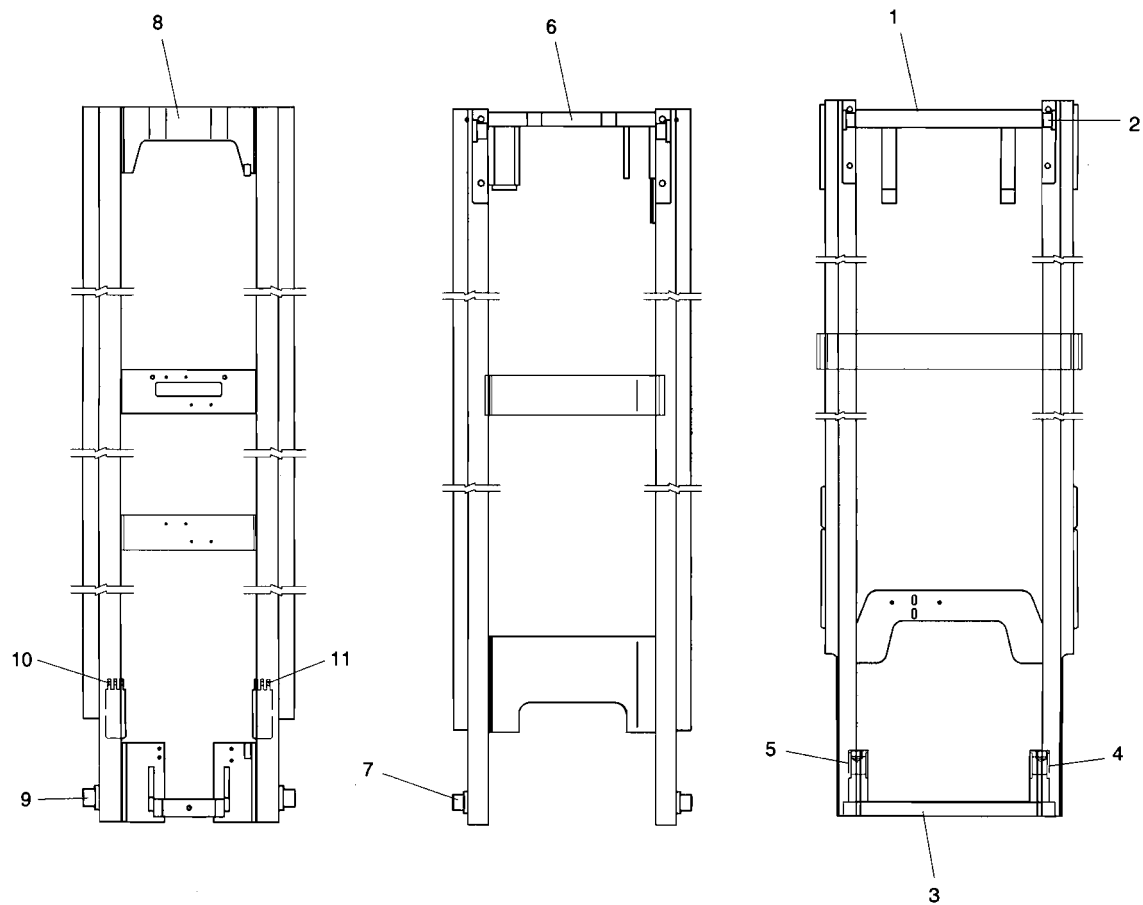
MAST - FFL

Refer To Type1 - Fig.13.12

MEMORANDA

16.05

IMPLEMENTS



MAST - FFT

Refer To Type1 - Fig.13.13

16.05

IMPLEMENTS

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A216051	1	UPRIGHT AS (STAT) MFH 3900MM					
	-	A216052	1	UPRIGHT AS (STAT) MFH 4290MM					
	-	A216053	1	UPRIGHT AS (STAT) MFH 4730MM					
	-	A216054	1	UPRIGHT AS (STAT) MFH 5560MM					
	-	A216055	1	UPRIGHT AS (STAT) MFH 6010MM					
Z	2	-	2	PIN					
Z	3	-	1	BAR AS (HINGE)					
Z	4	-	1	HINGE(R.H.)					
Z	5	-	1	HINGE(L.H.)					
	6	A216081	1	UPRIGHT AS (INTER) MFH 3900MM					
	-	A216082	1	UPRIGHT AS (INTER) MFH 4290MM					
	-	A216083	1	UPRIGHT AS (INTER) MFH 4730MM					
	-	A216084	1	UPRIGHT AS (INTER) MFH 5560MM					
	-	A216085	1	UPRIGHT AS (INTER) MFH 6010MM					
Z	7	-	4	PIN					
	8	A216073	1	UPRIGHT AS (INNER) MFH 3900MM					
	-	A216074	1	UPRIGHT AS (INNER) MFH 4290MM					
	-	A216075	1	UPRIGHT AS (INNER) MFH 4730MM					
	-	A216076	1	UPRIGHT AS (INNER) MFH 5560MM					
	-	A216077	1	UPRIGHT AS (INNER) MFH 6010MM					
Z	9	-	2	PIN					
Z	10	-	1	ANCHOR					
Z	11	-	1	ANCHOR					

Z-NOT SERVICED SEPARATELY

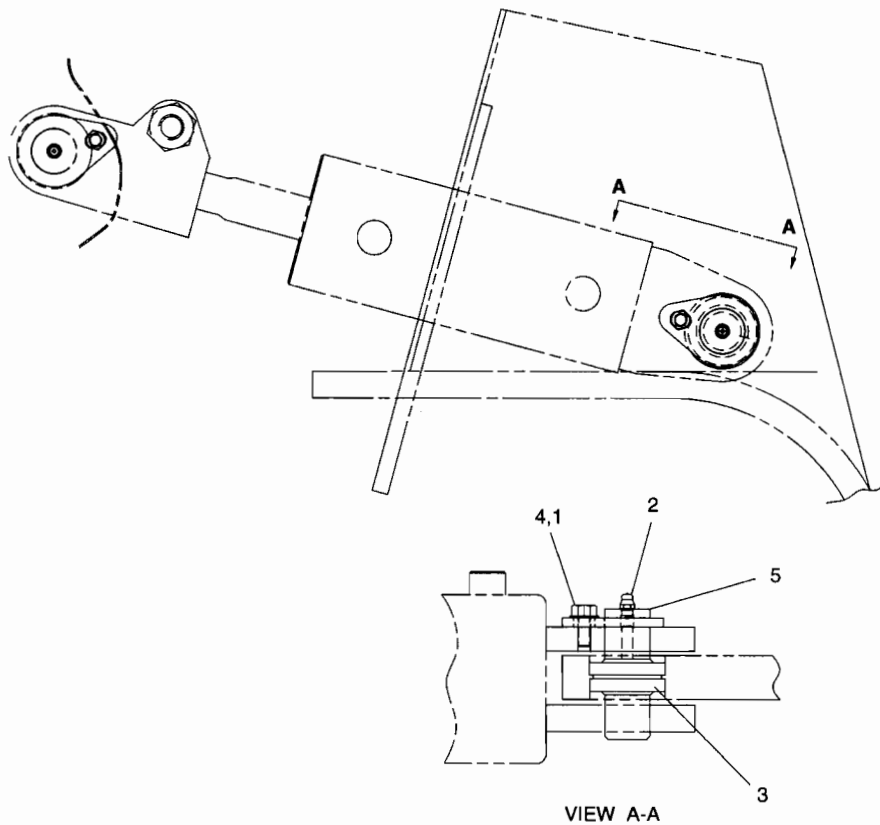
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

MAST - FFT

Refer To Type1 - Fig.13.13

16.051

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D917007	2	WASHER					
	2	S6710021	2	FITTING					
	3	D580058	2	BEARING					
	4	D910058	2	BOLT					
	5	A156295	2	PIN AS					

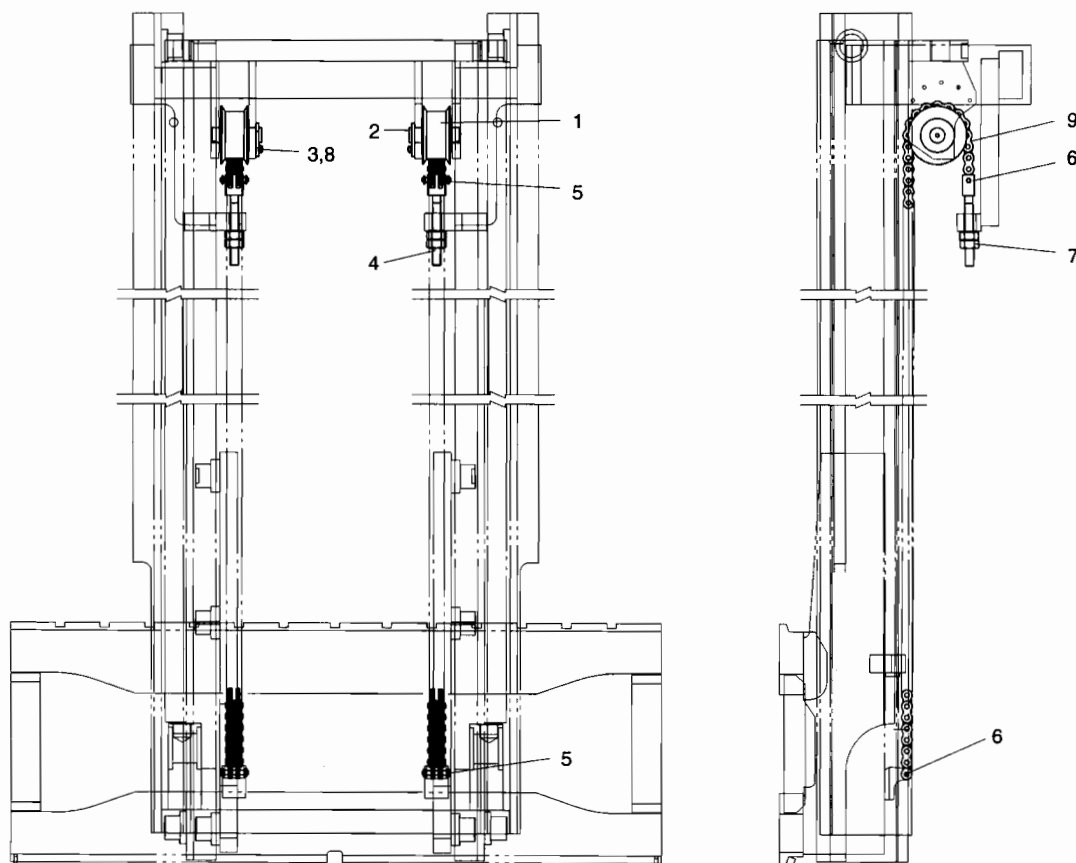
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

D700220 MAST MOUNTING
Refer To Type1 - Fig.13.14

MEMORANDA

16.06

IMPLEMENTS



A216087 LIFT RELAY GP(STD)
Refer To Type1 - Fig.13.19

16.06

IMPLEMENTS

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
K	1	D700087	2	ROLLER AS					
	2	D700086	2	PIN AS					
	3	D910058	2	BOLT					
	4	D581796	2	BOLT-CHAIN					
	5	D581800	4	PIN					
	6	D581801	8	PIN					
	7	D582117	4	NUT					
	8	D917094	2	WASHER					
	9	D581824	71	CHAIN-LKS-MFH 2030MM					
			85	CHAIN-LKS-MFH 2580MM					
			95	CHAIN-LKS-MFH 2950MM					
			101	CHAIN-LKS-MFH 3230MM					
			115	CHAIN-LKS-MFH 3500MM					
			123	CHAIN-LKS-MFH 3800MM					
			127	CHAIN-LKS-MFH 3950MM					
			137	CHAIN-LKS-MFH 4350MM					
			153	CHAIN-LKS-MFH 4960MM					

K-LINK QTY PER EACH REQUIRED 2EA

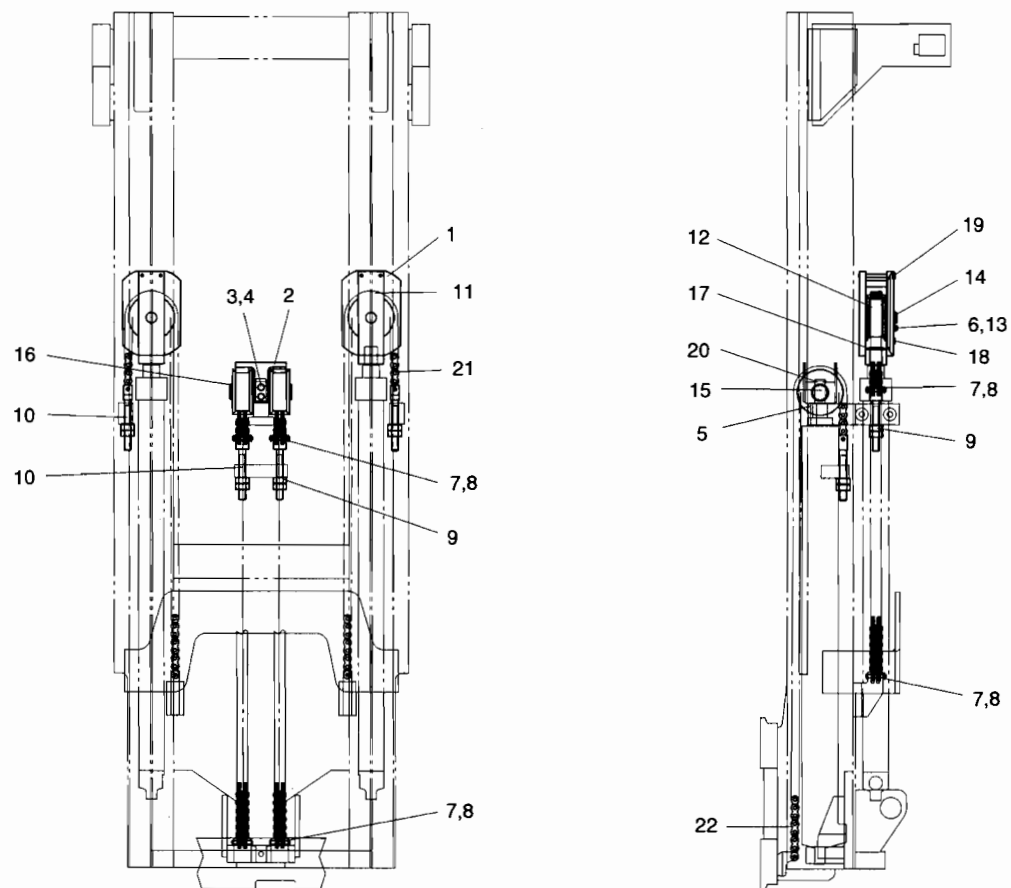
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216087 LIFT RELAY GP(STD)

Refer To Type1 - Fig.13.19

16.07

IMPLEMENTS



A216088 LIFT RELAY GP(FFL)
Refer To Type1 - Fig.13.20

16.07

IMPLEMENTS

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A216342	2	SHIELD					
	2	A216271	2	GUARD					
	3	S0508663	4	BOLT					
	4	D917092	4	WASHER					
	5	D581798	2	ROLLER AS					
	6	D917094	2	WASHER					
	7	D581800	8	PIN					
	8	D581801	16	PIN					
	9	D582117	8	NUT					
	10	D581796	4	BOLT					
	11	D700440	2	CROSSHEAD AS					
	12	A216341	2	ROLLER AS					
	13	D910058	2	BOLT					
	14	D700086	2	PIN AS					
	15	A216231	1	CROSSHEAD					
	16	D581802	2	RING					
	17	D581988	2	RING					
	18	S0508463	4	BOLT					
	19	S0556963	4	BOLT					
	20	S6500320	1	RING					
K	21	D581824	59	CHAIN-LKS-(MAST)-MFH 2580MM					
			59	CHAIN-LKS-(MAST)-MFH 2990MM					
			61	CHAIN-LKS-(MAST)-MFH 3270MM					
			65	CHAIN-LKS-(MAST)-MFH 3640MM					
K	22	D581824	63	CHAIN-LKS-(MAST)-MFH 2620MM					
			67	CHAIN-LKS-(MAST)-MFH 2990MM					
			71	CHAIN-LKS-(MAST)-MFH 3270MM					
			79	CHAIN-LKS-(MAST)-MFH 3640MM					

K-LINK Q' TY PER EACH. REQUIRED 2EA

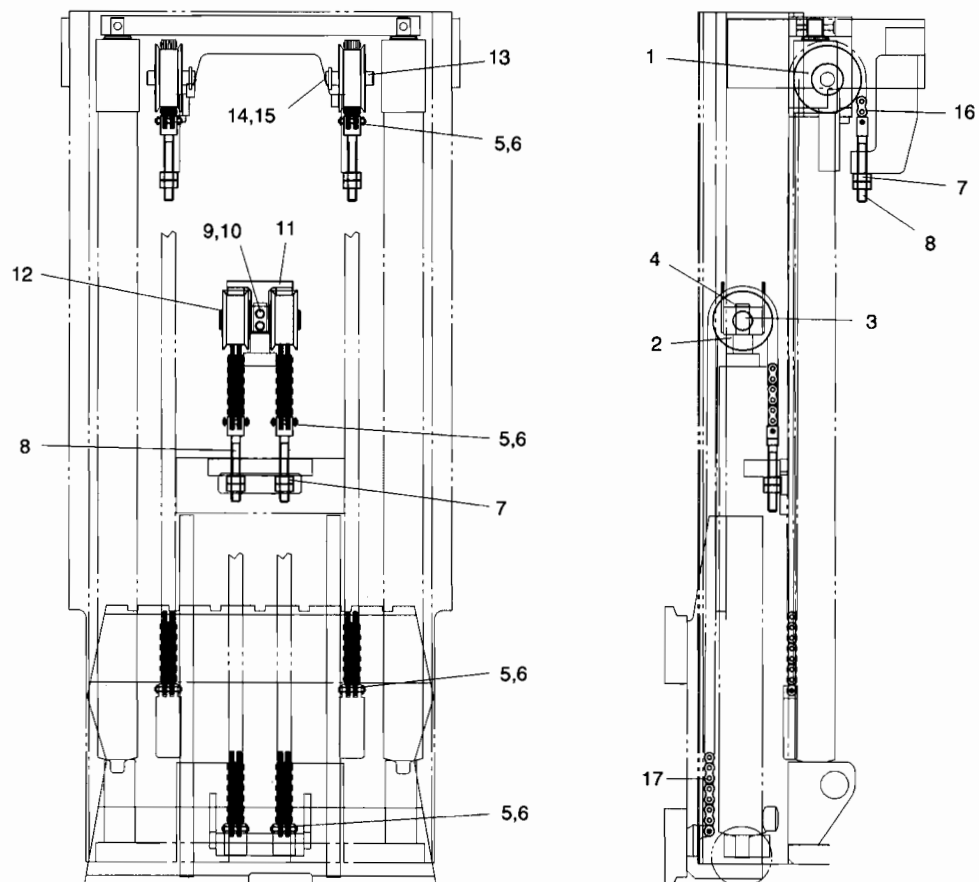
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216088 LIFT RELAY GP(FFL)

Refer To Type1 - Fig.13.20

16.08

IMPLEMENTS



A216089 LIFT RELAY GP(FFT)
Refer To Type1 - Fig.13.21

16.08

IMPLEMENTS

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D581987	2	ROLLER AS					
	2	D581798	2	ROLLER AS					
	3	A216231	1	CROSS HEAD					
	4	S6500320	1	RING					
	5	D581800	8	PIN					
	6	D581801	16	PIN					
	7	D582117	8	NUT					
	8	D581796	4	BOLT					
	9	D917092	4	WASHER					
	10	S0508663	4	BOLT					
	11	A216271	2	GUARD					
	12	D581802	2	RING					
	13	D700086	2	PIN AS					
	14	D910058	2	BOLT					
	15	D917094	2	WASHER					
K	16	D581824	83	CHAIN-LKS-(MAST)-MFH 3900MM					
	-	-	89	CHAIN-LKS-(MAST)-MFH 4290MM					
	-	-	97	CHAIN-LKS-(MAST)-MFH 4730MM					
	-	-	115	CHAIN-LKS-(MAST)-MFH 5560MM					
	-	-	123	CHAIN-LKS-(MAST)-MFH 6010MM					
K	17	D581824	69	CHAIN-LKS-(MAST)-MFH 3900MM					
	-	-	73	CHAIN-LKS-(MAST)-MFH 4290MM					
	-	-	75	CHAIN-LKS-(MAST)-MFH 4730MM					
	-	-	85	CHAIN-LKS-(MAST)-MFH 5560MM					
	-	-	89	CHAIN-LKS-(MAST)-MFH 6010MM					

K-LINK Q' TY PER EACH. REQUIRED 2EA

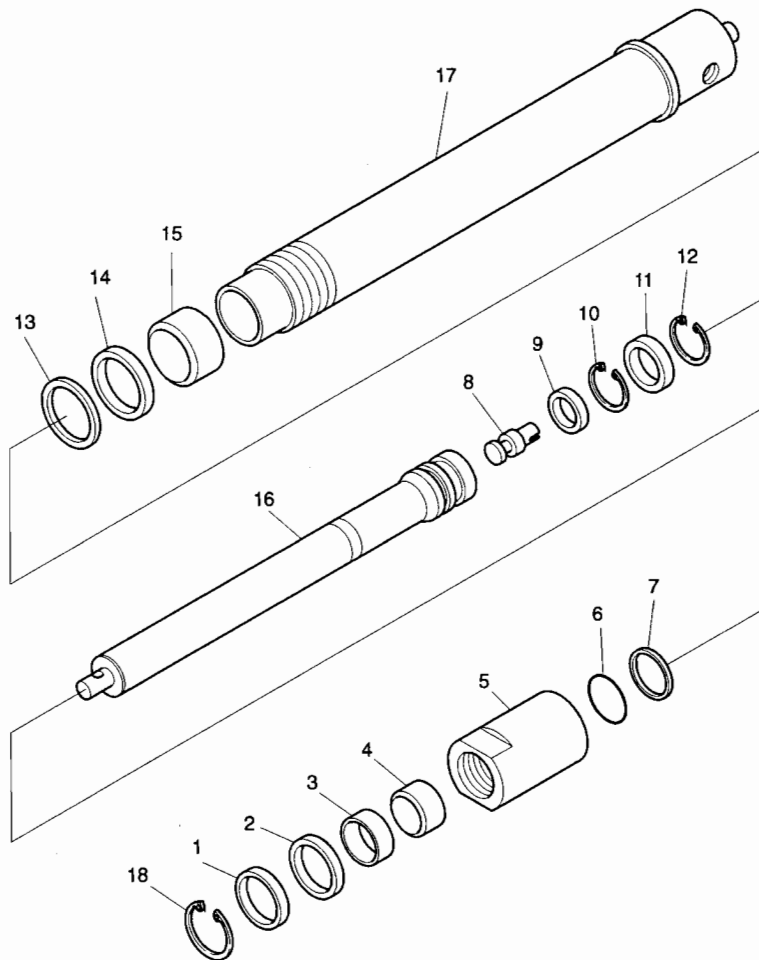
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216089 LIFT RELAY GP(FFT)

Refer To Type1 - Fig.13.21

16.09

IMPLEMENTS



A215042 LIFT GP - SECONDARY - FFT
Refer To Type1 - Fig.13.17

16.09

IMPLEMENTS

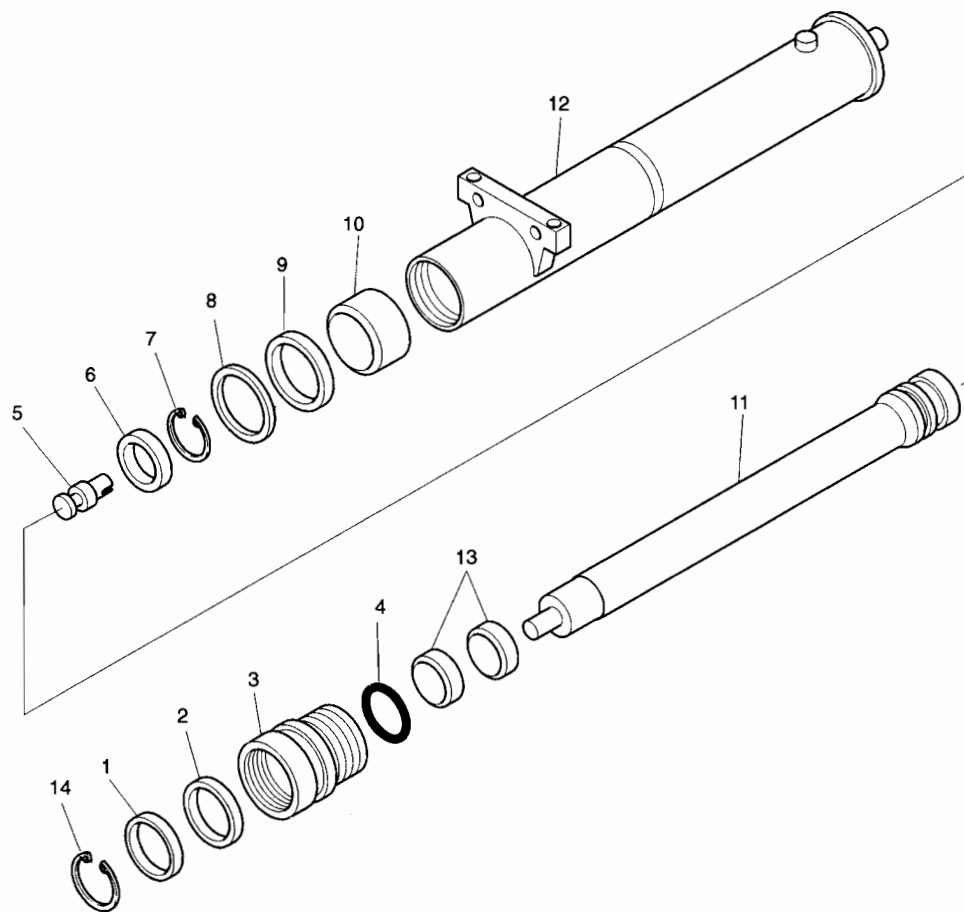
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D511258	1	SEAL-WIPER					
J	2	D511204	1	SEAL-U-CUP					
J	3	D511205	1	RING-WEAR					
J	4	D511206	1	RING-SLYD					
	5	D511203	1	NUT-GLAND					
J	6	D501261	1	SEAL-O-RING					
	7	D511207	1	RING					
	8	D511198	1	VALVE AS-CHECK					
	9	D511199	1	SPACER					
	10	D511200	1	RING-RETAINING					
	11	D511201	1	SEAL-CUSHION					
	12	D511202	1	RING-RETAINING					
J	13	D511260	1	RING-BACK UP					
J	14	D511196	1	SEAL-U-CUP					
J	15	D511197	1	RING-WEAR					
	16	D511278	1	ROD AS(MFH 3900MM)					
	-	D511279	1	ROD AS(MFH 4290MM)					
	-	D511280	1	ROD AS(MFH 4730MM)					
	-	D511281	1	ROD AS(MFH 5560MM)					
	-	D511282	1	ROD AS(MFH 6010MM)					
	17	D511273	1	TUBE AS(MFH 3900MM)					
	-	D511274	1	TUBE AS(MFH 4290MM)					
	-	D511275	1	TUBE AS(MFH 4730MM)					
	-	D511276	1	TUBE AS(MFH 5560MM)					
	-	D511277	1	TUBE AS(MFH 6010MM)					
	18	D511257	1	RING-RETAINING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE :					
		D511208	1	KIT-SEAL (INCLUDES PARTS MARKED J)					
				THE FOLLOWING CYLINDER AS IS AVAILABLE :					
		A215037	2	LIFT GP-SEC-FFT(MFH 3900MM)					
		A215038	2	LIFT GP-SEC-FFT(MFH 4290MM)					
		A215039	2	LIFT GP-SEC-FFT(MFH 4730MM)					
		A215040	2	LIFT GP-SEC-FFT(MFH 5560MM)					
		A215041	2	LIFT GP-SEC-FFT(MFH 6010MM)					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A215042 LIFT GP - SECONDARY - FFT
Refer To Type1 - Fig.13.17

16.10

IMPLEMENTS



A215031 LIFT GP - PRIMARY - FFT
Refer To Type1 - Fig.13.15

16.10

IMPLEMENTS

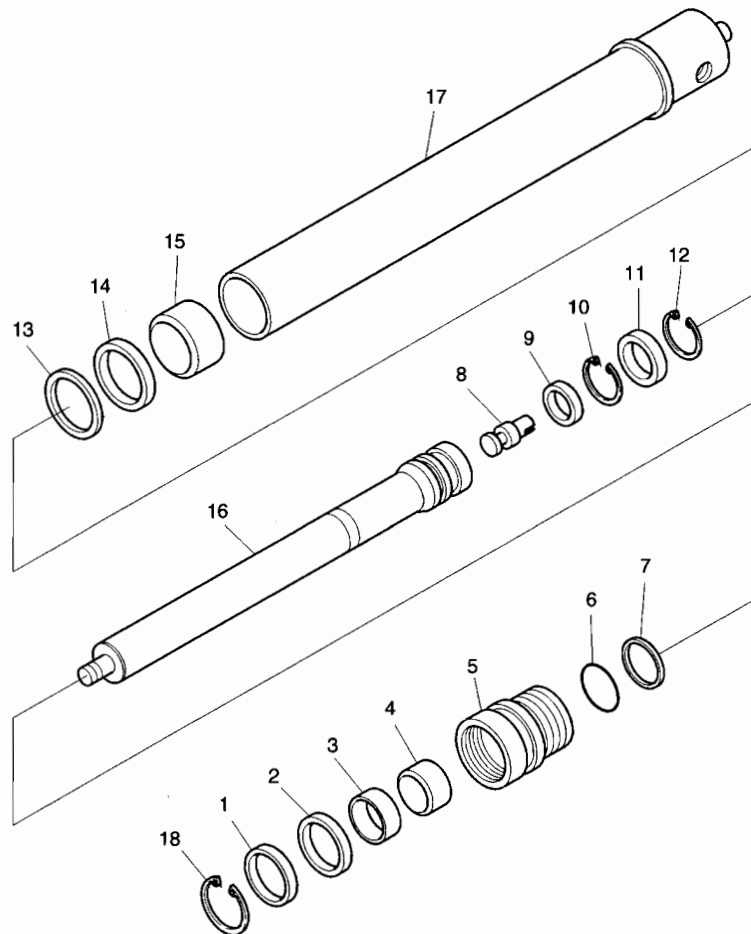
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D511229	1	SEAL-WIPER					
J	2	D511230	1	SEAL-U-CUP					
	3	D511209	1	COVER-ROD					
J	4	D510010	1	SEAL-O-RING					
	5	D511198	1	VALVE AS-CHECK					
	6	D511199	1	SPACER					
	7	D511200	1	RING-RETAINING					
J	8	D511233	1	RING-BACK UP					
J	9	D511210	1	SEAL-U-CUP					
J	10	D511232	1	RING-WEAR					
	11	D511251	1	ROD AS(MFH 3900MM)					
	-	D511239	1	ROD AS(MFH 4290MM)					
	-	D511240	1	ROD AS(MFH 4730MM)					
	-	D511252	1	ROD AS(MFH 5560MM)					
	-	D511253	1	ROD AS(MFH 6010MM)					
	12	D511246	1	TUBE AS(MFH 3900MM)					
	-	D511247	1	TUBE AS(MFH 4290MM)					
	-	D511248	1	TUBE AS(MFH 4730MM)					
	-	D511249	1	TUBE AS(MFH 5560MM)					
	-	D511250	1	TUBE AS(MFH 6010MM)					
J	13	D511361	2	RING-SLYD					
	14	D511228	1	RING-RETAINING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE :					
		D511211	1	KIT-SEAL (INCLUDES PARTS MARKED J)					
				THE FOLLOWING CYLINDER AS IS AVAILABLE :					
		A215026	1	LIFT GP-PRI-FFT(MFH 3900MM)					
		A215027	1	LIFT GP-PRI-FFT(MFH 4290MM)					
		A215028	1	LIFT GP-PRI-FFT(MFH 4730MM)					
		A215029	1	LIFT GP-PRI-FFT(MFH 5560MM)					
		A215030	1	LIFT GP-PRI-FFT(MFH 6010MM)					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A215031 LIFT GP - PRIMARY - FFT
Refer To Type1 - Fig.13.15

16.11

IMPLEMENTS



A215036 LIFT GP - SECONDARY - FFL
Refer To Type1 - Fig.13.18

16.11

IMPLEMENTS

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D511258	1	SEAL-WIPER					
J	2	D511204	1	SEAL-U-CUP					
J	3	D511205	1	RING-WEAR					
J	4	D511206	1	RING-SLYD					
	5	D511212	1	COVER-ROD					
J	6	D501838	1	SEAL-O-RING					
	7	D511207	1	RING					
	8	D511198	1	VALVE AS-CHECK					
	9	D511199	1	SPACER					
	10	D511200	1	RING-RETAINING					
	11	D511201	1	SEAL-CUSHION					
	12	D511202	1	RING-RETAINING					
J	13	D511260	1	RING-BACK UP					
J	14	D511196	1	SEAL-U-CUP					
J	15	D511197	1	RING-WEAR					
	16	D511265	1	ROD AS(MFH 2580MM)					
	-	D511266	1	ROD AS(MFH 2950MM)					
	-	D511267	1	ROD AS(MFH 3230MM)					
	-	D511268	1	ROD AS(MFH 3600MM)					
	17	D511262	1	TUBE AS(MFH 2580MM)					
	-	D511262	1	TUBE AS(MFH 2950MM)					
	-	D511263	1	TUBE AS(MFH 3230MM)					
	-	D511264	1	TUBE AS(MFH 3600MM)					
	18	D511257	1	RING-RETAINING					
		D511213	1	THE FOLLOWING REPAIR KIT IS AVAILABLE : KIT-SEAL (INCLUDES PARTS MARKED J)					
		A215032	2	THE FOLLOWING CYLINDER AS IS AVAILABLE : LIFT GP-SEC-FFL(MFH 2580MM)					
		A215033	2	LIFT GP-SEC-FFL(MFH 2950MM)					
		A215034	2	LIFT GP-SEC-FFL(MFH 3230MM)					
		A215035	2	LIFT GP-SEC-FFL(MFH 3600MM)					

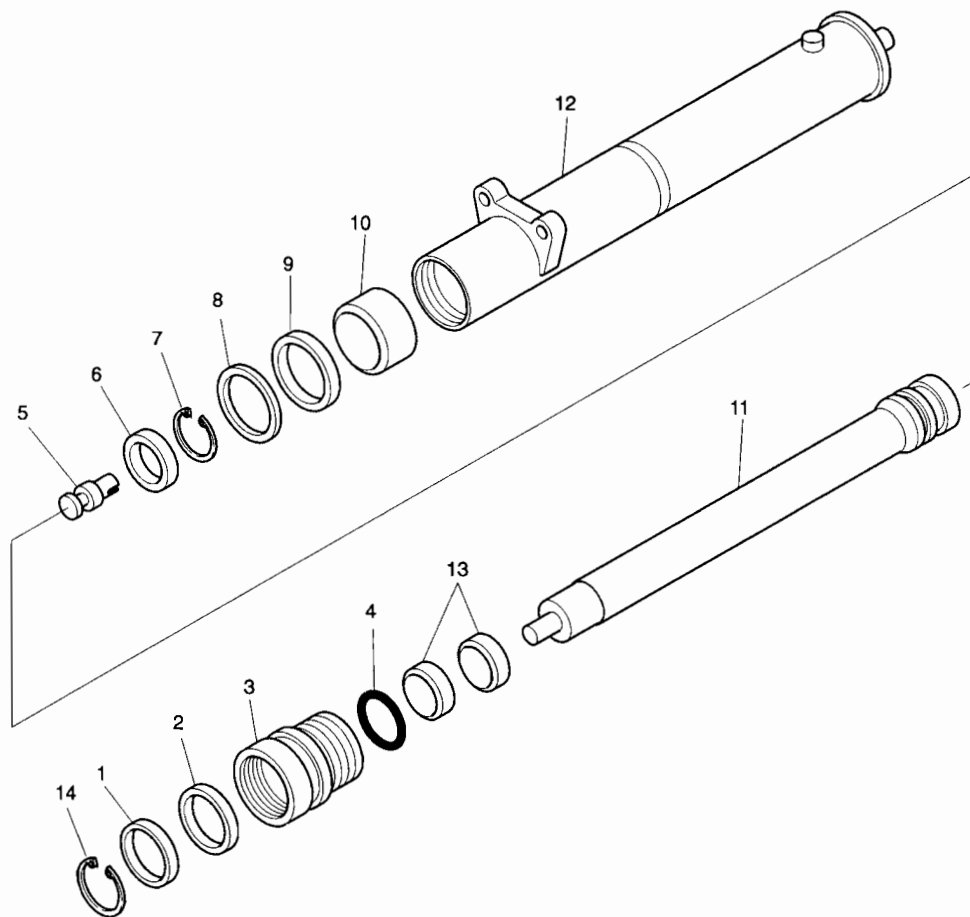
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A215036 LIFT GP - SECONDARY - FFL

Refer To Type1 - Fig.13.18

16.12

IMPLEMENTS



A215051 LIFT GP - PRIMARY - FFL
Refer To Type1 - Fig.13.16

16.12

IMPLEMENTS

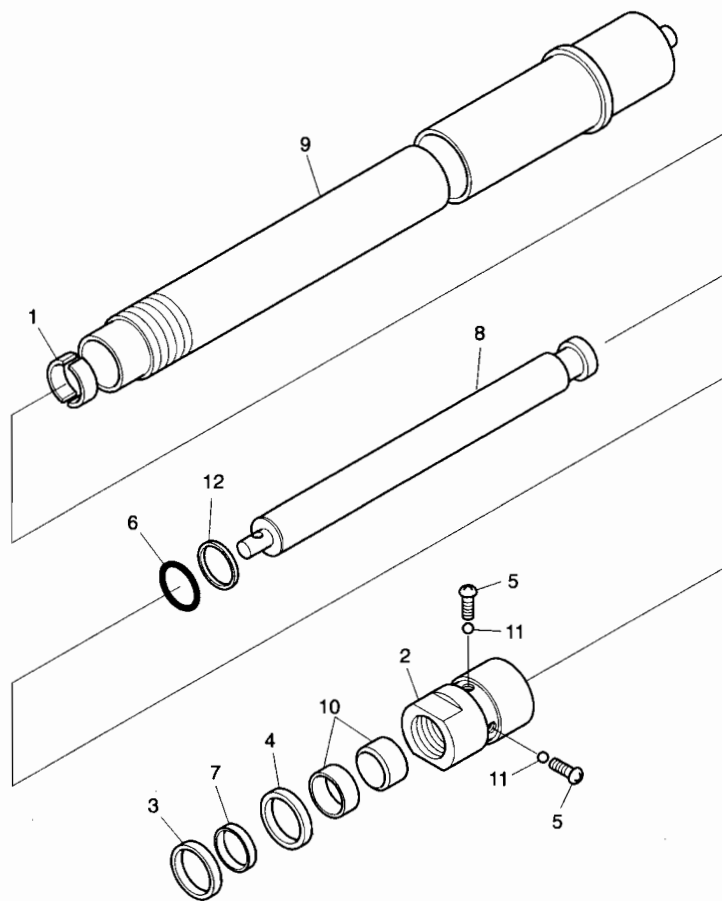
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D511229	1	SEAL-WIPER					
J	2	D511230	1	SEAL-U-CUP					
	3	D511209	1	COVER-ROD					
J	4	D510010	1	SEAL-O-RING					
	5	D511198	1	VALVE AS-CHECK					
	6	D511199	1	SPACER					
	7	D511200	1	RING-RETAINING					
J	8	D511233	1	RING-BACK UP					
J	9	D511210	1	SEAL-U-CUP					
J	10	D511232	1	RING-WEAR					
	11	D511238	1	ROD AS(MFH 2580MM)					
	-	D511239	1	ROD AS(MFH 2950MM)					
	-	D511240	1	ROD AS(MFH 3230MM)					
	-	D511241	1	ROD AS(MFH 3600MM)					
	12	D511234	1	TUBE AS(MFH 2580MM)					
	-	D511235	1	TUBE AS(MFH 2950MM)					
	-	D511236	1	TUBE AS(MFH 3230MM)					
	-	D511237	1	TUBE AS(MFH 3600MM)					
J	13	D511361	2	RING-SLYD					
	14	D511228	1	RING-RETAINING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE :					
		D511211	1	KIT-SEAL (INCLUDES PARTS MARKED J)					
				THE FOLLOWING CYLINDER AS IS AVAILABLE :					
		A215047	1	LIFT GP-PRI-FFL(MFH 2580MM)					
		A215048	1	LIFT GP-PRI-FFL(MFH 2950MM)					
		A215049	1	LIFT GP-PRI-FFL(MFH 3230MM)					
		A215050	1	LIFT GP-PRI-FFL(MFH 3600MM)					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A215051 LIFT GP - PRIMARY - FFL
Refer To Type1 - Fig.13.16

16.13

IMPLEMENTS



D510959 LIFT GP - STD
Refer To Type1 - Fig.13.17

16.13**IMPLEMENTS**

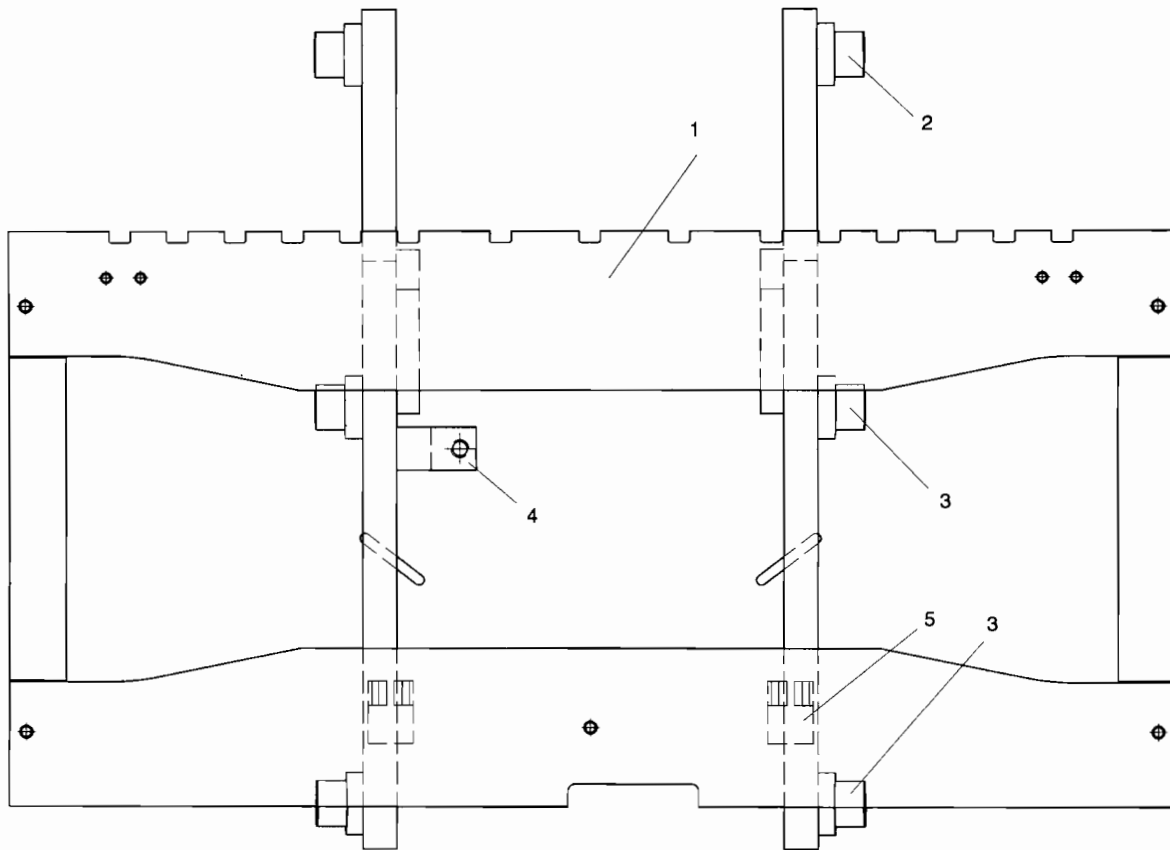
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D511110	1	RING					
	2	D511111	1	NUT-GLAND					
J	3	D184114	1	SEAL-WIPER					
J	4	D511114	1	SEAL-U-CUP					
	5	D915005	3	SCREW-SET					
J	6	D511112	1	SEAL-O-RING					
J	7	D511118	1	RING-BACK UP					
	8	D510984	1	ROD(MFH 2030MM)					
	-	D510985	1	ROD(MFH 2580MM)					
	-	D510986	1	ROD(MFH 2950MM)					
	-	D510987	1	ROD(MFH 3230MM)					
	-	D510988	1	ROD(MFH 3500MM)					
	-	D510989	1	ROD(MFH 3800MM)					
	-	D510990	1	ROD(MFH 3950MM)					
	-	D510991	1	ROD(MFH 4350MM)					
	-	D510992	1	ROD(MFH 4960MM)					
	9	D510993	1	TUBE AS(MFH 2030MM)					
	-	D510994	1	TUBE AS(MFH 2580MM)					
	-	D510995	1	TUBE AS(MFH 2950MM)					
	-	D510996	1	TUBE AS(MFH 3230MM)					
	-	D510997	1	TUBE AS(MFH 3500MM)					
	-	D510998	1	TUBE AS(MFH 3800MM)					
	-	D510999	1	TUBE AS(MFH 3950MM)					
	-	D511000	1	TUBE AS(MFH 4350MM)					
	-	D511001	1	TUBE AS(MFH 4960MM)					
J	10	D511116	2	RING-WEAR					
	11	D510695	3	BALL					
J	12	D501718	1	RING-BACK UP					
				THE FOLLOWING REPAIR KIT IS AVAILABLE :					
		D511159	1	KIT-SEAL (INCLUDES PARTS MARKED J)					
				THE FOLLOWING CYLINDER AS IS AVAILABLE :					
		D510960	2	LIFT GP-STD(MFH 2030MM)					
		D510961	2	LIFT GP-STD(MFH 2580MM)					
		D510962	2	LIFT GP-STD(MFH 2950MM)					
		D510963	2	LIFT GP-STD(MFH 3230MM)					
		D510964	2	LIFT GP-STD(MFH 3500MM)					
		D510965	2	LIFT GP-STD(MFH 3800MM)					
		D510966	2	LIFT GP-STD(MFH 3950MM)					
		D510967	2	LIFT GP-STD(MFH 4350MM)					
		D510968	2	LIFT GP-STD(MFH 4960MM)					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

D510959 LIFT GP - STD
Refer To Type1 - Fig.13.17

16.14

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z Z Z Z Z	1	A216125	1	CARRIAGE AS(GC20/25S)					
		A216128	1	CARRIAGE AS(GC,BC30S)					
		A216131	1	CARRIAGE AS(G,D20/25S)					
		A216134	1	CARRIAGE AS(G,D30S)					
		A216137	1	CARRIAGE AS(B20/25S)					
		A216140	1	CARRIAGE AS(B30S)					
	2		2	PIN					
	3		4	PIN					
	4		1	BLOCK					
	5		2	ANCHOR					

Z-NOT SERVICED SEPERATELY

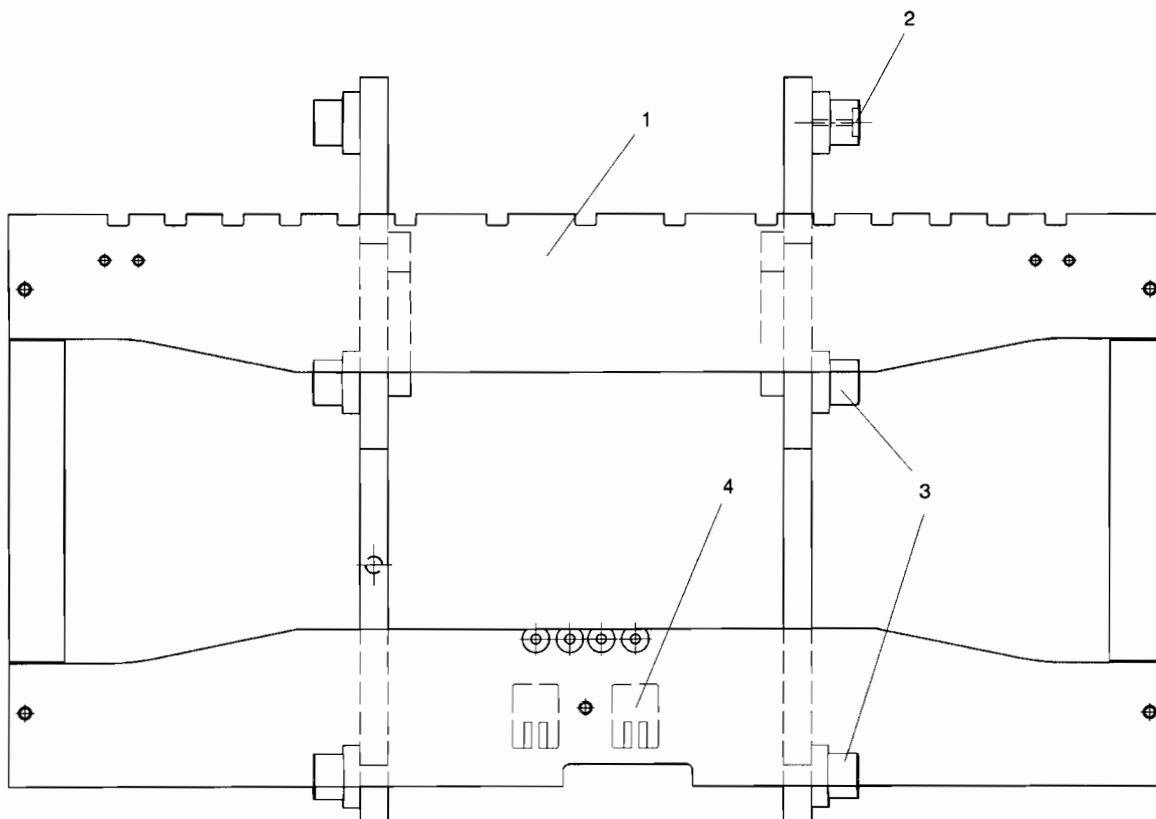
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

CARRIAGE AS(STD)

Refer To Type1 - Fig.13.23, 13.26

16.15

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1	A216126	1	CARRIAGE AS (GC20/25S, FF)					
		A216127	1	CARRIAGE AS (GC20/25S, FFT)					
		A216129	1	CARRIAGE AS (GC,BC30S, FF)					
		A216130	1	CARRIAGE AS (GC,BC30S, FFT)					
		A216132	1	CARRIAGE AS (G,D20/25S, FF)					
		A216133	1	CARRIAGE AS (G,D20/25S, FFT)					
		A216135	1	CARRIAGE AS (G,D30S, FF)					
		A216136	1	CARRIAGE AS (G,D30S, FFT)					
		A216138	1	CARRIAGE AS (B20/25S, FF)					
		A216139	1	CARRIAGE AS (B20/25S, FFT)					
		A216141	1	CARRIAGE AS (B30S, FF)					
		A216142	1	CARRIAGE AS (B30S, FFT)					
Z	2		2	PIN					
Z	3		4	PIN					
Z	4		2	ANCHOR					

Z-NOT SERVICED SEPARATELY

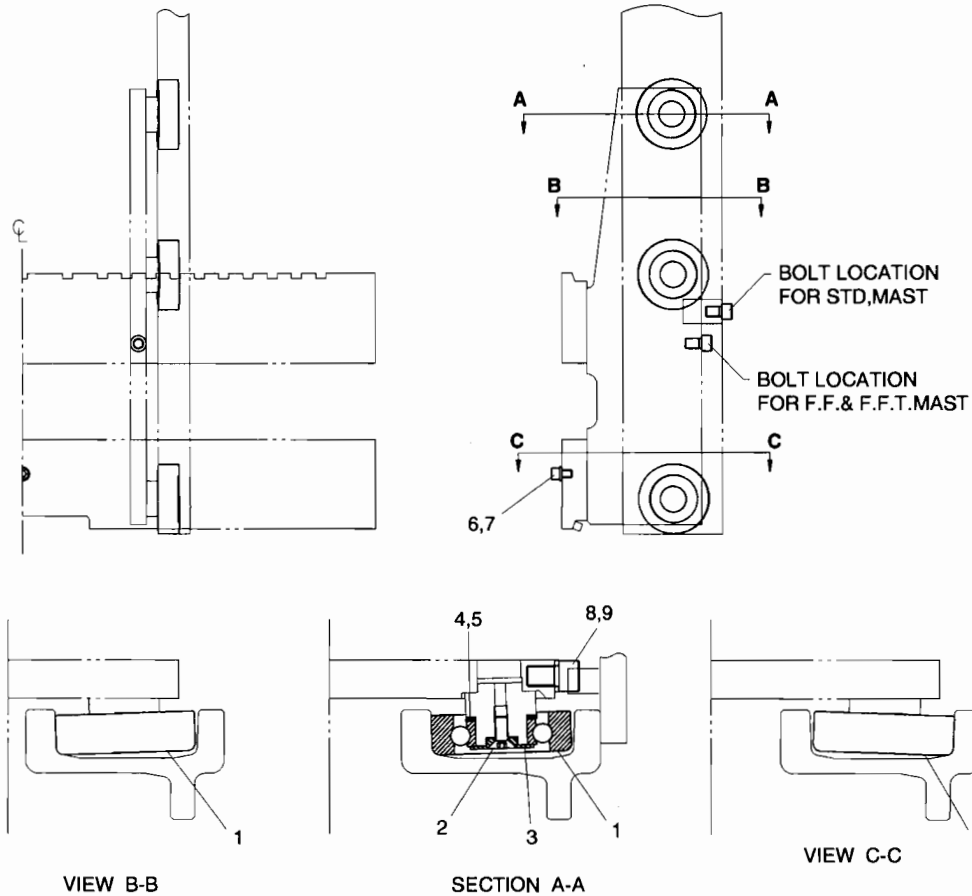
09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

CARRIAGE AS - FF, FFT

Refer To Type1 - Fig.13.24, Fig.13.25, Fig.13.27, Fig.13.28

16.16

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
J	1	D581814	6	BEARING(1.0 UNDERSIZE) OR					
J	-	D581815	6	BEARING(S.T.D) OR					
J	-	D581816	6	BEARING(1.1 OVERSIZE)					
	2	D915017	2	SCREW					
	3	D700083	2	RETAINER					
B	4	D581812	20	SHIM 0.8MM(THICK)					
B	5	D581813	6	SHIM 0.5MM(THICK)					
	6	S2214861	1	BOLT					
	7	S5102703	1	WASHER					
	8	D910122	1	BOLT					
	9	D917028	1	WASHER					

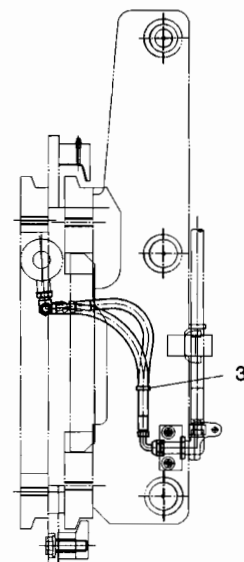
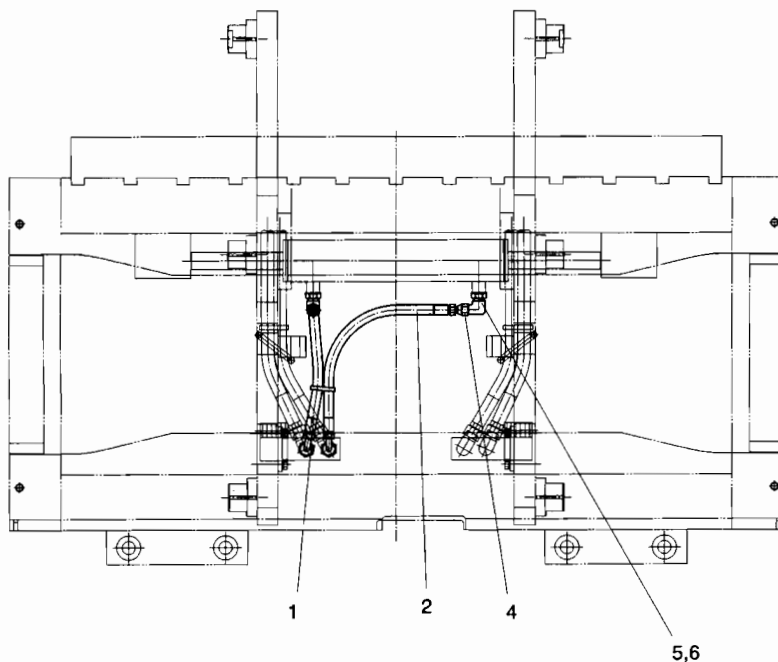
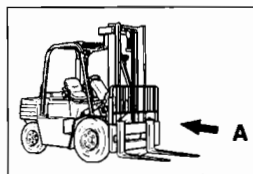
B-USE AS REQUIRED

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216382 CARRIAGE MOUNTING
Refer To Type1 - Fig.13.29

16.17

IMPLEMENTS



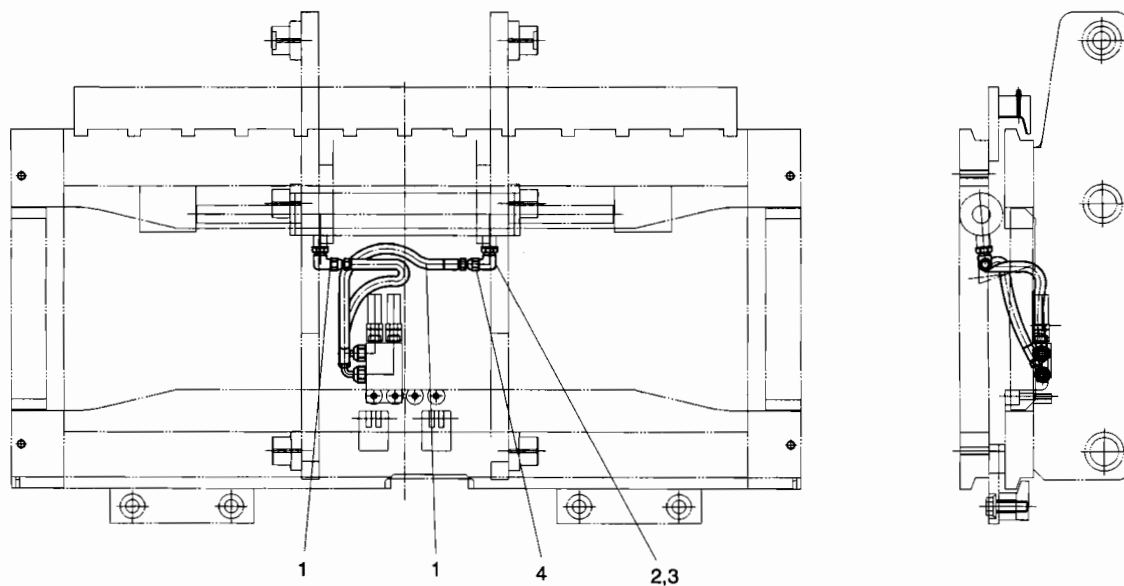
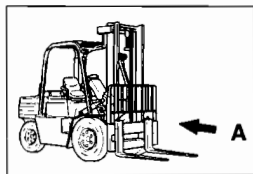
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A216458	1	HOSE AS					
	2	A216459	1	HOSE AS					
	3	D580786	1	STRAP					
	4	D902004	2	ELBOW					
	5	S8040061	2	SEAL-O-RING					
	6	S8030041	2	SEAL-FACE					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216455 LINES GP - S/S(STD) (3 TON)
Refer To Type1 - Fig.13.311

16.18

IMPLEMENTS



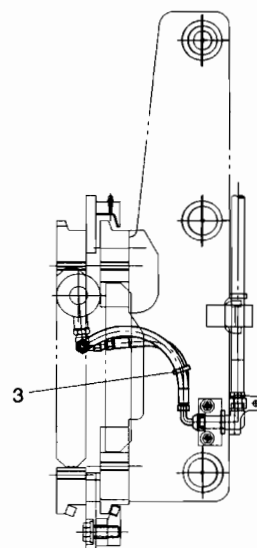
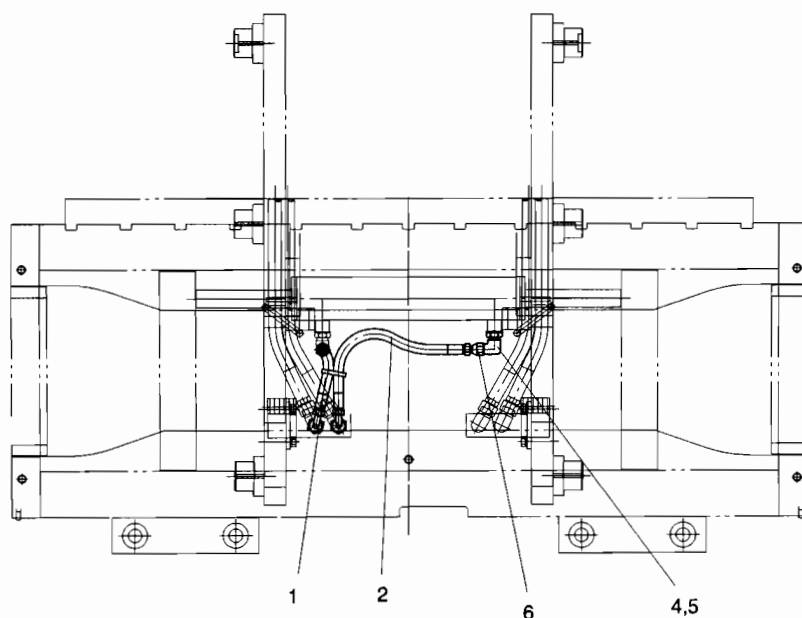
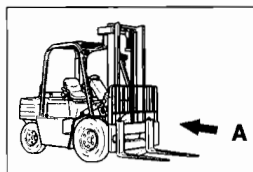
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A216458	2	HOSE AS					
	2	D902004	2	ELBOW					
	3	S8040061	2	SEAL-O-RING					
	4	S8030041	2	SEAL-FACE					

09-1251~UP 11-0821~UP
10-2319~UP 12-9303~UP

A216456 LINES GP - S/S(FF, FFT) (2/2.5/3 TON)
Refer To Type1 - Fig.13.321

16.19

IMPLEMENTS

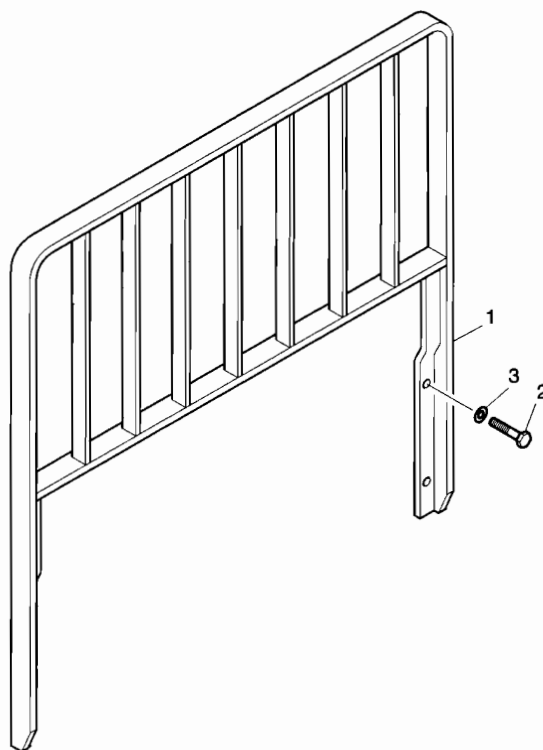


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	A216457	1	HOSE AS					
	2	A216458	1	HOSE AS					
	3	D580786	1	STRAP					
	4	D902004	2	ELBOW					
	5	S8040061	2	SEAL-O-RING					
	6	S8030041	2	SEAL-FACE					
09-1251~UP 11-0821~UP 10-2319~UP 12-9303~UP									

A216454 LINES GP - S/S(STD) (2/2.5 TON)
Refer To Type1 - Fig.13.301

16.20

IMPLEMENTS

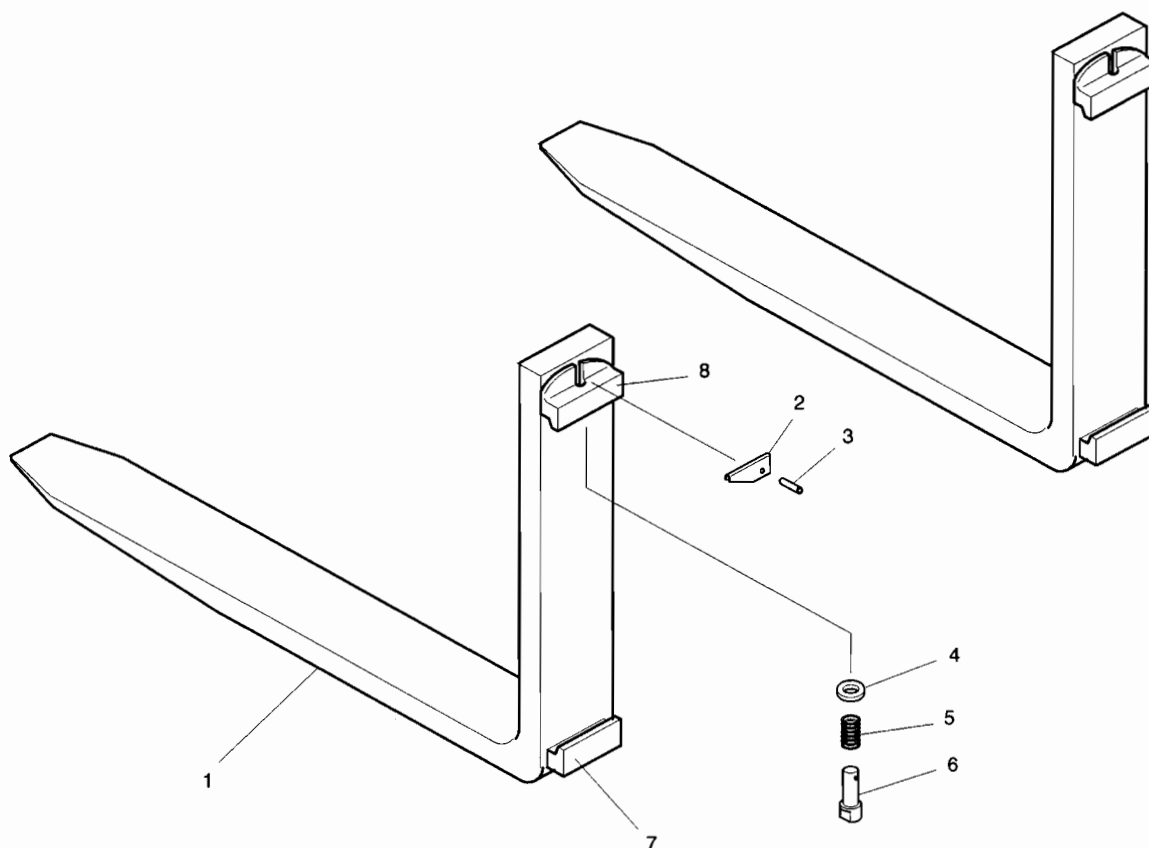


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D700089	1	BACKREST AS(GC20/25S-3)					
	-	D700090	1	BACKREST AS(GC30S-3)					
	-	D700091	1	BACKREST AS(D(G)20/25S-3)					
	-	D700092	1	BACKREST AS(D(G)30S-3)					
	-	D860378	1	BACKREST AS(D(G)30S-3) (FOR AUSTRALIA)					
	2	D910016	4	BOLT					
	3	D917091	4	WASHER					

BACKREST AS

16.21

IMPLEMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	D390073	1	2.0, 2.5 TON CLASS	Z	7		1	HOOK(LOWER)
		D390074	1	FORK(900MM LONG)	Z	8		1	HOOK(UPPER)
		D390075	1	FORK(1000MM LONG)					
		D390256	1	FORK(1050MM LONG)					
		D390056	1	FORK(1150MM LONG)					
		D390077	1	FORK(1200MM LONG)					
		D390170	1	FORK(1350MM LONG)			D390046	1	THE FOLLOWING REPAIR GROUP IS AVAILABLE (INCLUDES PARTS MARKED J)
		D390171	1	FORK(1500MM LONG)					
		D390172	1	FORK(1600MM LONG)			D390083	1	REPACKING GROUP (2, 2.5 TON)
		D390173	1	FORK(1700MM LONG)					
			1	FORK(1800MM LONG)					
		D390081	1	3.0 TON CLASS					
		D390089	1	FORK(1000MM LONG)					
		D390090	1	FORK(1050MM LONG)					
		D390091	1	FORK(1200MM LONG)					
		D390174	1	FORK(1350MM LONG)					
		D390175	1	FORK(1500MM LONG)					
		D390176	1	FORK(1600MM LONG)					
		D390177	1	FORK(1700MM LONG)					
J	2	D390048	1	FORK(1800MM LONG)					
J	3	S5740801	1	LEVER					
J	4	D390051	1	PIN-ROLL					
J	5	D390050	1	WASHER(2, 2.5 TON ONLY)					
J	6	D390049	1	SPRING					
		D390084	1	PIN-STOP(2, 2.5 TON)					
			1	PIN-STOP(3 TON)					

Z-NOT SERVICED SEPERAELY

FORK GP

PART NUMBER INDEX

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024759	5.02 -30	41	1B4202	1.13 - 7	13	1T0433	8.01 -36	109
	5.20 - 4	58		5.02 -22	41	1T0434	8.01 -27	109
034609	5.15 - 4	53	1B7182	1.14 - 4	14	1W0406	3.05 - 3	27
036428	5.11 - 3	49	1B8705	1.09 - 4	9	1W0986	1.07 - 1	7
039834	6.181 - 7	80.1		1.091 - 3	9.1	1W1064	1.07 - 2	7
045019	5.15 - 1	53	1B8708	1.04 - 3	4	1W3185	6.03 - 7	61
060210	6.15 - 4	75	1B9575	1.141 - 3	14.1	1W3247	6.18 -12	80
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	7.13 -26	95	1D4540	2.02 -14	20		4.06 - 4	38
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089682	14.022	236.1	1D4716	1.14 - 6	14	1W4772	4.04 -13	36
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098908	14.01	235	1H3337	7.05 - 7	87	2A3746	7.02 -26	83
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