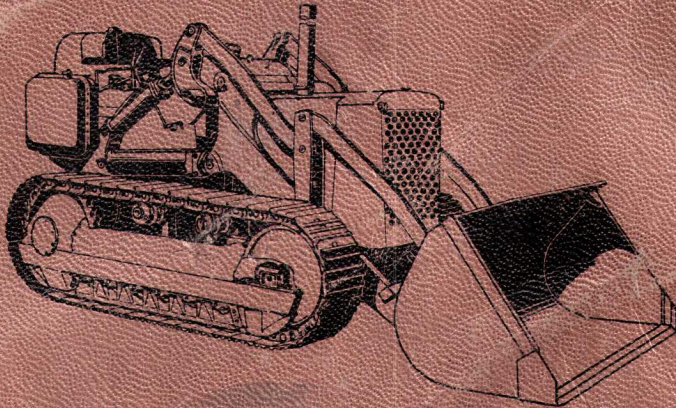


PARTS BOOK

CATERPILLAR 977 TRAXCAVATOR AND 977A BULLDOZER



SERIAL NUMBERS

TRAXCAVATOR

53A3000 - UP

BULLDOZER

43D231 - UP

Caterpillar Tractor Co., General Offices, Peoria, Illinois * Caterpillar Americas Co., Peoria, Illinois * Caterpillar Overseas S.A., Geneva * Caterpillar of Australia Pty. Ltd., Melbourne * Caterpillar Brasil S.A., São Paulo * Caterpillar Tractor Co. Ltd., Glasgow * Caterpillar of Canada Ltd., Toronto * Caterpillar France S.A., Grenoble * Caterpillar (Africa) (Pty.) Ltd., Johannesburg * Caterpillar Mexicana S.A. de C.V., Monterrey.

Das Verkaufspersonal hat Fabrikserziehung erhalten in Einlagerung und Ausfolgung von Ersatzteilen. Reichliche Vorräte sind überall vorhanden, um eine prompte Bedienung zu sichern. Treten Sie mit Ihrem nächsten CATERPILLAR Vertreter in Verbindung, überzeugen Sie sich, dass er Ihren Namen und Ihre Adresse kennt, als auch die genaue Seriennummer Ihrer Maschine. Er muss eine sorgfältig zusammengestellte Liste der Maschinenteile und Ansatzteile besitzen. Diese Liste wird die Herausgabe erleichtern, besonders wenn es sich um eine eilige Lieferung handelt.

WAS DER CATERPILLAR VERTRETER FÜR SIE TUN KANN. Es ist die Aufgabe des CATERPILLAR Vertreters, den Besitz und Gebrauch der CATERPILLAR Maschinerie für Sie möglichst wirksam und einträglich zu gestalten. Der Vertreter hält eine ständige Verbindung mit der Fabrik aufrecht, er beobachtet und benützt die neuesten Fortschritte und Erfindungen gleichviel ob es sich um Reparatur, Instandhalten, Gebrauchsverfahren und Bedarf an Maschinenteilen handelt. Die Lagerbestände sind aktiv und stets modern, um den normalen Arbeitsgang aufrecht erhalten zu können, Ihre Kapitalanlagen an CATERPILLAR Maschinen zu schützen und zu sichern.

Beinahe alle CATERPILLAR Vertreter halten einen 24-stündigen Notfalldienst aufrecht. Um eine schnelle Information bereit zu haben, schreiben Sie den Namen und die Adresse Ihres nächstliegenden CATERPILLAR Vertreters in Ihr Notzettelchen in Ihrem Schreibstisch oder auf den Deckel Ihres Telefonbuches.

NUR CATERPILLAR MASCHINENTEILE GEBEN CATERPILLAR VOLLENDUNG. Jene Qualität und jene tadellose Ausführung, die den Welt Ruf der CATERPILLAR Erzeugnisse sicherten, ist in allen CATERPILLAR Maschinen und Ansatzteilen enthalten.

ESPAÑOL

CÓMO DEBEN PEDIRSE LAS PIEZAS. Es preciso que se especifique la cantidad y se dé el número y el nombre de las piezas que se necesitan. Es también importante dar el número de la serie a que pertenece la máquina para la cual se piden las piezas. Para saber dónde están las placas con el número de la serie, consúltese la página de este catálogo de piezas en que se dan las "Especificaciones". Sería conveniente que insertara Ud. el número de la serie de su máquina en el espacio que se ha dejado para este objeto en la página uno de este catálogo; de esta manera lo tendrá siempre a la mano cuando la necesite.

Para que el despacho se efectúe con prontitud, es necesario que se dé el nombre correcto del consignatario, así como la dirección y los nombres de la ciudad y la provincia, departamento o estado a que han de enviarse las piezas. Debe especificarse, asimismo, si el despacho hay que hacerlo por flete, expreso, paquete postal u otro conducto.

DONDE PUEDEN CONSEGUIRSE LAS PIEZAS. Hay más de 400 tiendas en los EE. UU. en que se venden los tractores y los accesorios "CATERPILLAR". Establecimientos semejantes a éstos están situados en lugares estratégicos en casi todos los países del mundo. Estas organizaciones cuentan con el ayuda y las extensas facilidades y la cooperación de la CATERPILLAR Tractor Co.

El personal de las tiendas mencionadas ha recibido su preparación en la fábrica en lo que se refiere a piezas y accesorios. Las tiendas mantienen siempre una gran existencia de estos últimos, lo que les permite prestar un servicio rápido. Póngase Ud. en contacto con el agente de la CATERPILLAR más cercano y procure darle su nombre y dirección, así como el número de la serie de su máquina, y averiguar se aquél tiene una lista exacta de accesorios y conexiones. Esto le facilitará el conseguir las piezas cuando las necesite con urgencia.

LO QUE PUEDEN HACER POR UD. LOS AGENTES DE LA CATERPILLAR. Los agentes de la CATERPILLAR tienen por mira el hacer económico y provechoso el uso y el funcionamiento de las máquinas CATERPILLAR; están siempre en constante comunicación con la fábrica, para estar así al corriente de los últimos métodos que se emplean para hacer reparaciones y para la conservación y el funcionamiento de las máquinas y la selección de las piezas que se requieran. Las existencias que mantienen dichos agentes son completas en todo sentido e incluyen todas aquellas piezas que se consideran esenciales para proteger la inversión que Ud. ha hecho en máquinas CATERPILLAR.

Casi todos los agentes de la CATERPILLAR ofrecen un servicio de emergencia de 24 horas. Para cuando se presente el caso, procure Ud. tener siempre a la mano, en su escritorio, el nombre y la dirección del agente.

SOLO LAS PIEZAS CATERPILLAR DAN EL RESULTADO APETECIDO. Todas las piezas CATERPILLAR han sido fabricadas según el patrón de alta calidad y mano de obra que ha hecho famosos los productos CATERPILLAR.

PORTUGUES

COMO ENCOMENDAR PECAS AVULSAS. É indispensável indicar a quantidade, o número e o nome de cada peça que desejar. É também importante dar o número de série da máquina a que a nova peça se destina. As chapas que trazem os números de série podem ser localizadas pela página "Especificações" deste catálogo. Sugerimos que V.S. escreva o número de série de sua máquina no espaço reservado para este fim na página número 1 do catálogo e assim te-lo-á pronto quando precisar.

Afim de assegurar pronta entrega, tenha o cuidado de indicar a nome exato do consignatário, com endereço completo incluindo rua a número, cidade, provincia ou estado e país para onde as peças devem ser despachadas, indicando também se o despacho deve ser feito por carga, correio expreso, ou outro meio de transporte.

PARA ONDE DIRIGIR A ENCOMENDA DE PEÇAS. Os distribuidores de CATERPILLAR mantêm mais de 400 casas nos Estados Unidos a estabelecimentos semelhantes estão localizados em pontos convenientes de quase todos os países do mundo. Todas estas organizações gozãm das inúmeras vantagens e recursos da CATERPILLAR Tractor Co.

Todo o pessoal distribuidor tem experiência industrial em armazenamento e distribuição de peças e grandes estoques são sempre mantidos afim de assegurar serviço pronto. Entre em contacto com o distribuidor de CATERPILLAR que lhe ficar mais próximo e providencie para que e uma lista precisa dos acessórios e peças correspondentes. Esta relação facilitará o fornecimento de peças quando V.S. tiver necessidade urgente delas.

O QUE O DISTRIBUIDOR DE CATERPILLAR PODE FAZER PARA SERVIR V.S. A função dos distribuidores de CATERPILLAR é tornar económico e proveitoso para V.S. possuir e operar maquinário CATERPILLAR. Constantemente em contacto com a fábrica a respeito de novos processos de concerto e manutenção do maquinário, de técnicas de funcionamento e de características das peças, mantêm um estoque ativo, incluindo sempre os últimos tipos e todas as peças normalmente necessárias para que V.S. tire o máximo proveito do capital aplicado em maquinário CATERPILLAR.

Quase todos os nossos distribuidores mantêm serviço de emergência para fornecimento dentro de 24 horas. Afim de ter sempre á mão as referências, escreva no bloco de sua escrevaninha, ou na primeira página de sua lista de telefones, o nome e endereço de seu distribuidor.

SÓ PEÇAS CATERPILLAR PODEM OFERECER FUNCIONAMENTO CATERPILLAR. A mesma qualidade e técnica de manufatura que tornam os produtos CATERPILLAR famosos no mundo inteiro caracterizam as peças avulsas CATERPILLAR.

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Zubehör

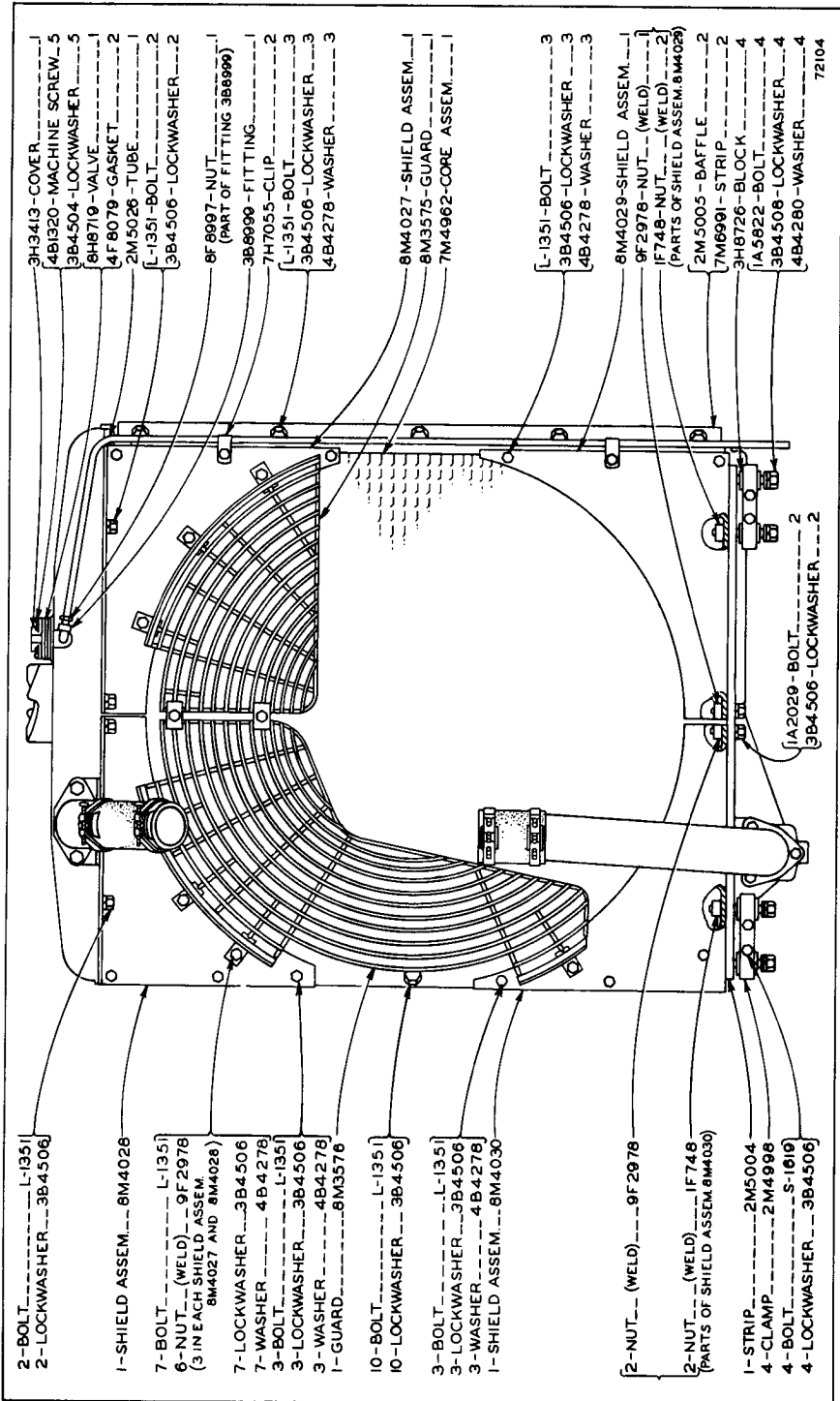
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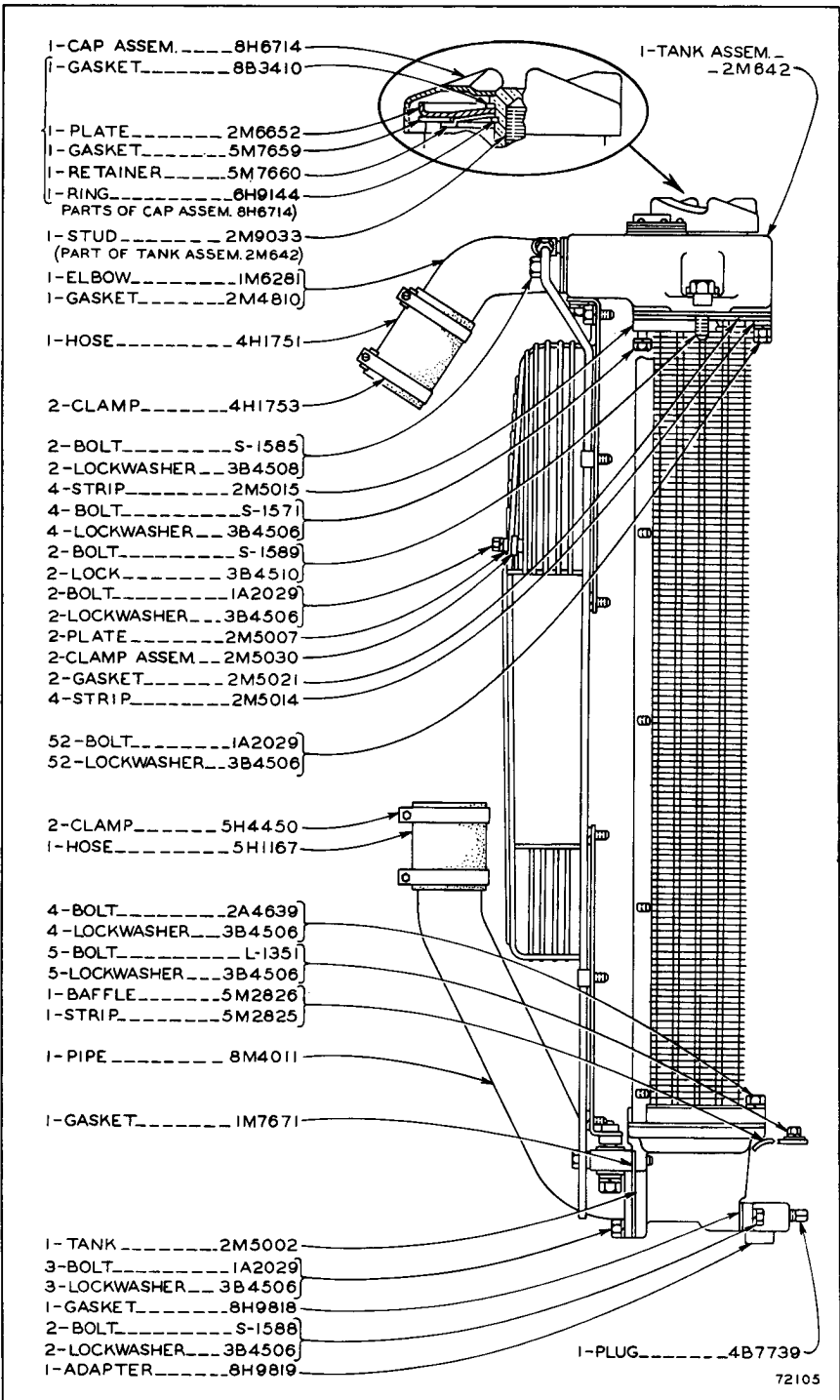
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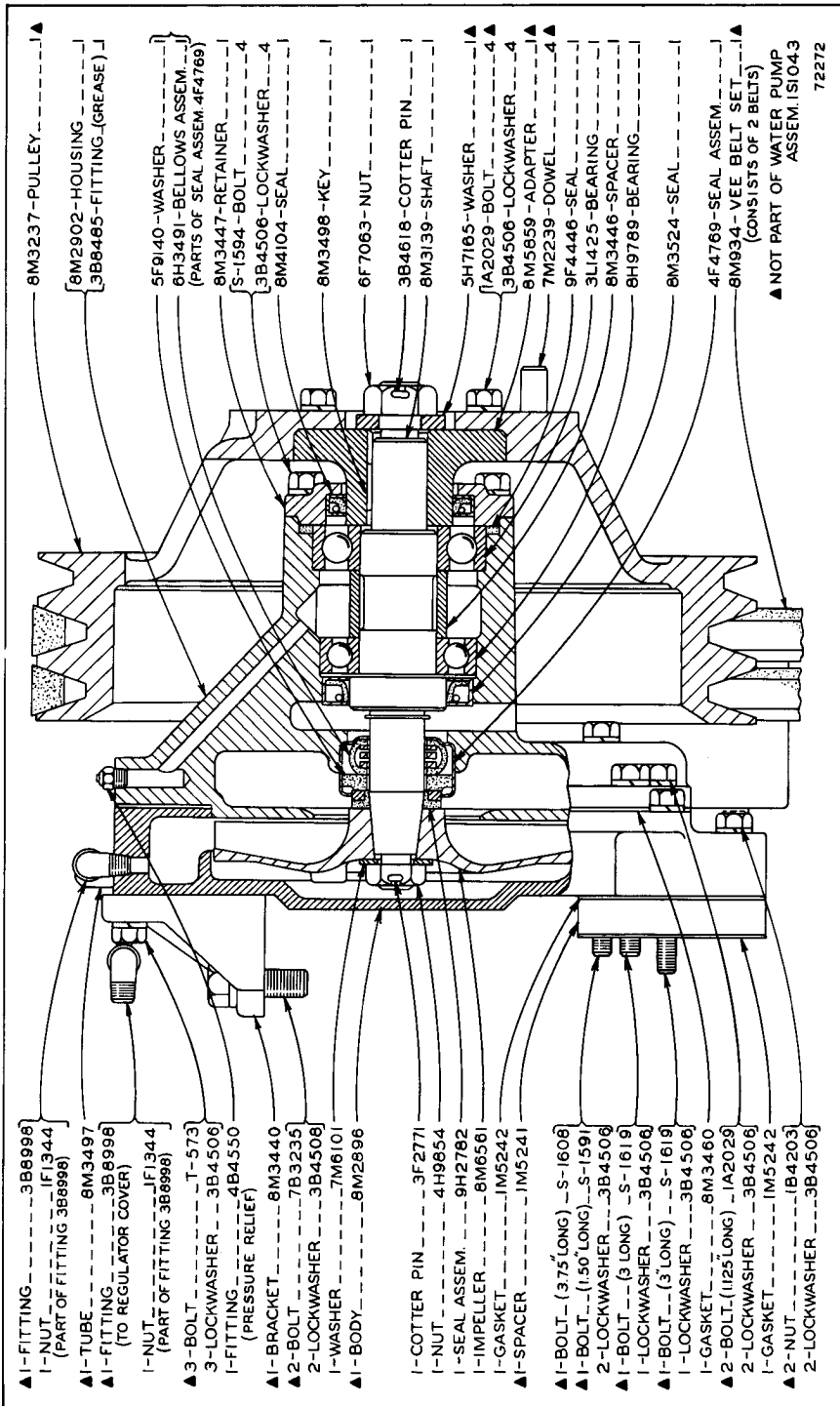
9H3718 RADIATOR GROUP—Rear View
 Note: 6F6041 Rust Inhibitor is available



72105

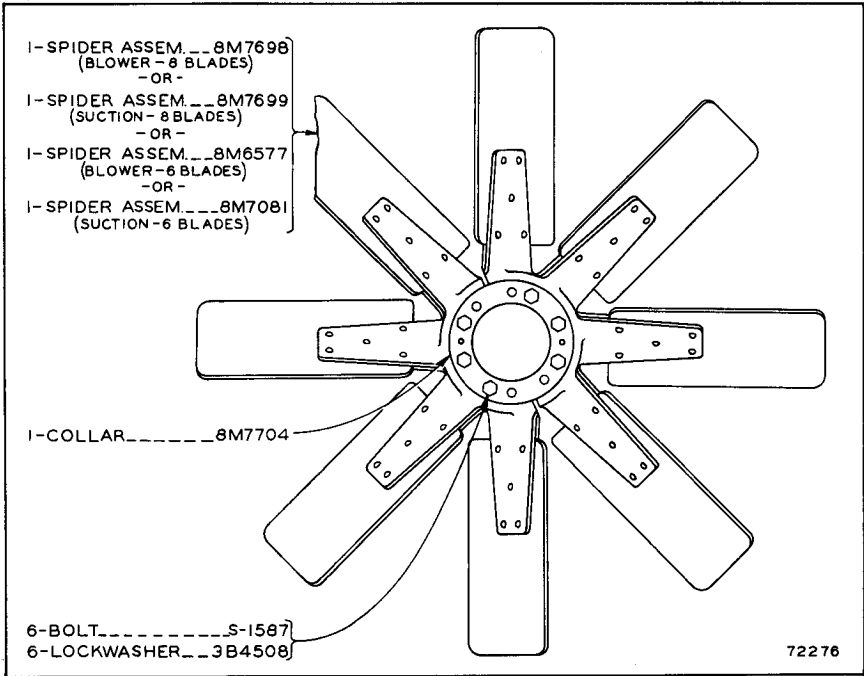
9H3718 RADIATOR GROUP—Side View

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



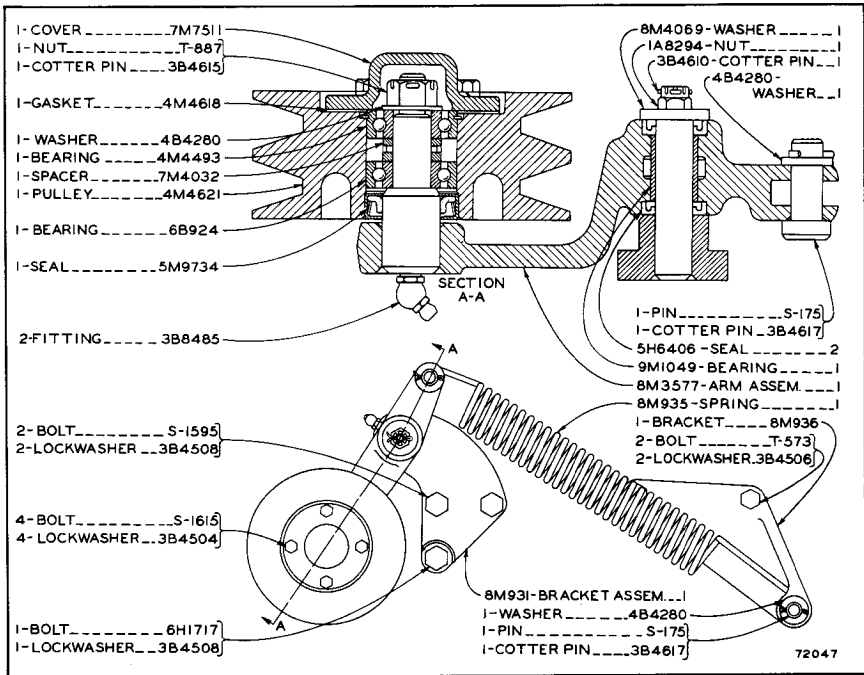
72272

ISI043 WATER PUMP ASSEMBLY
 7M1913 Water Pump Gasket Kit is available



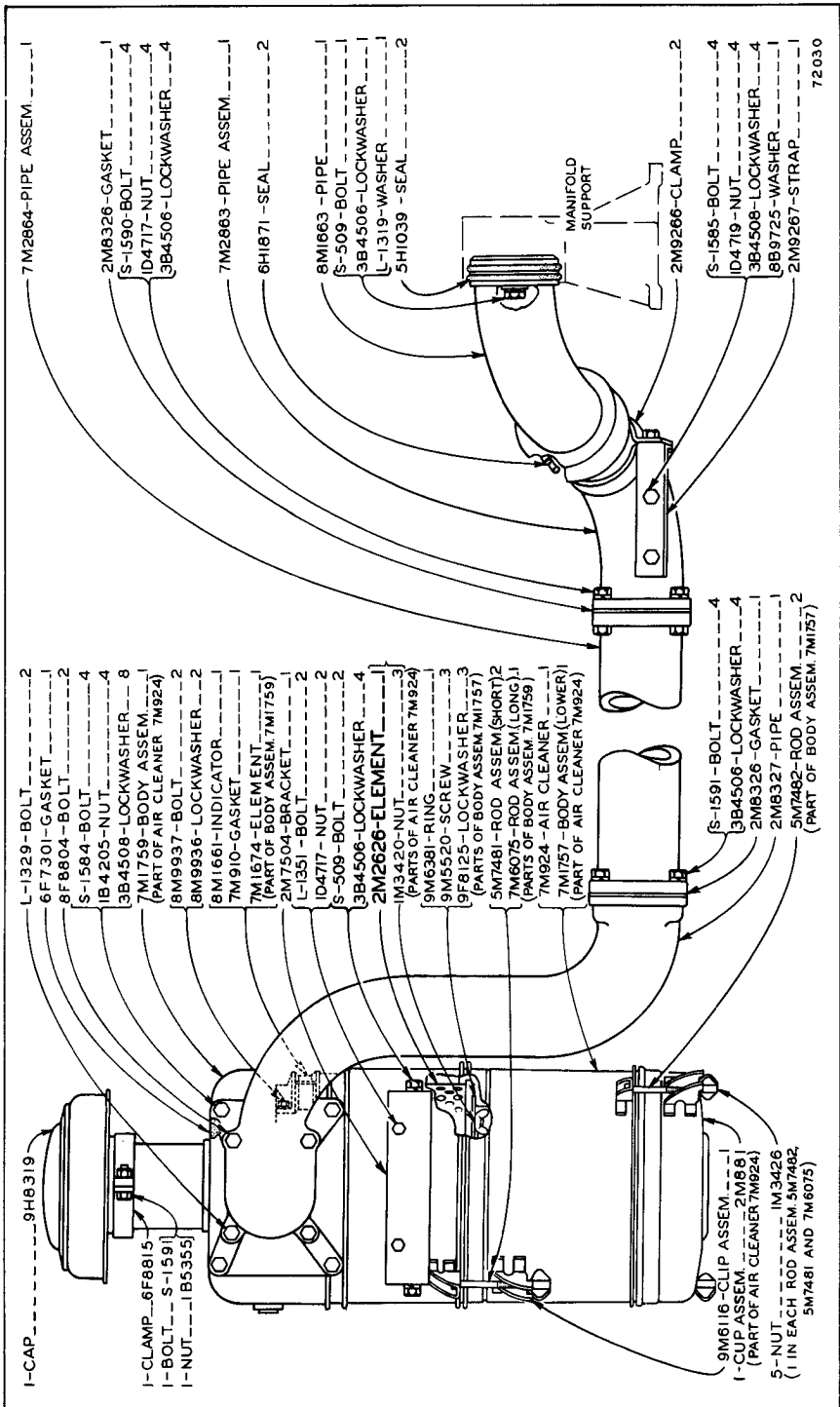
BLOWER FAN

Refer to Page 149 for special parts

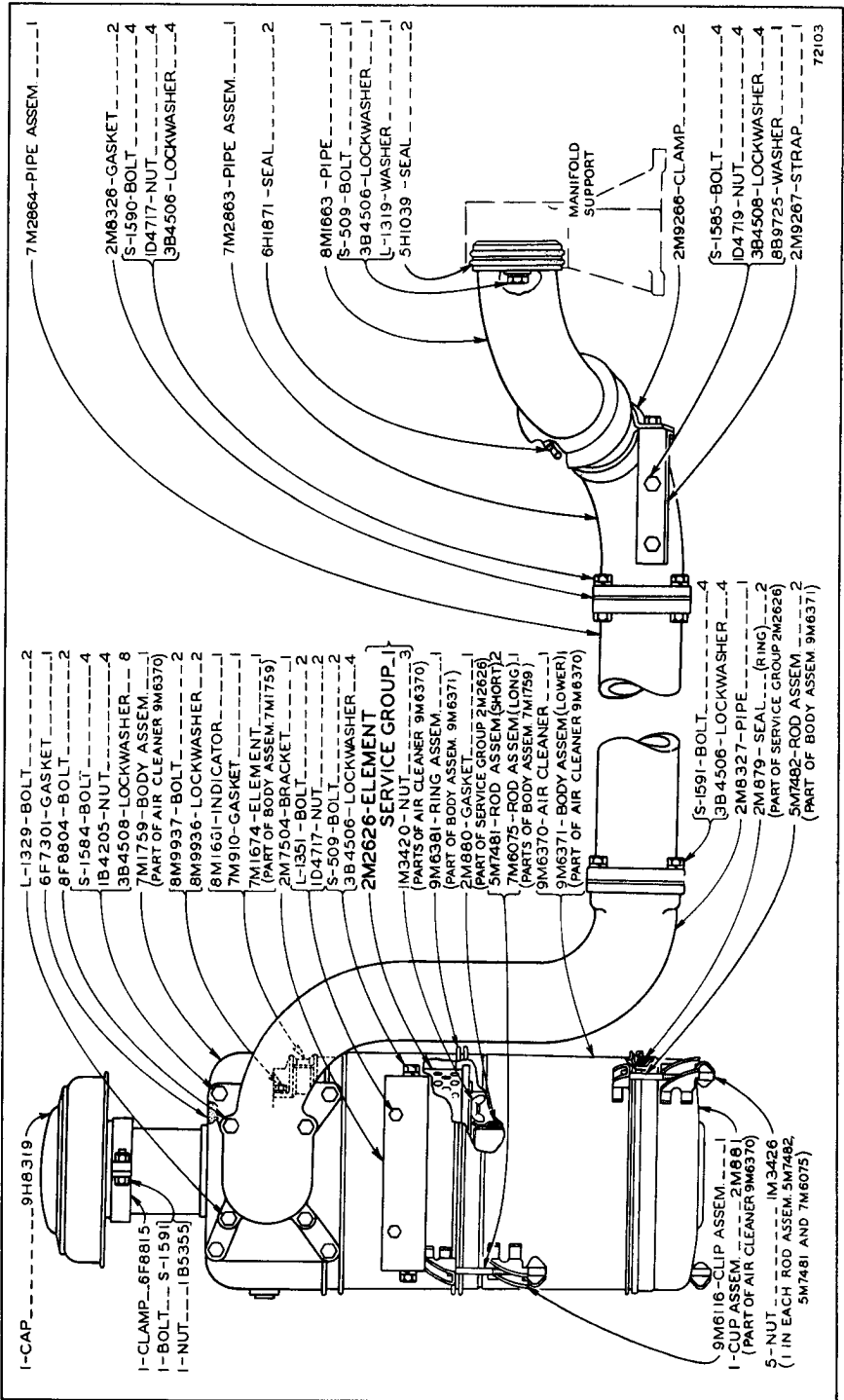


BELT TIGHTENER

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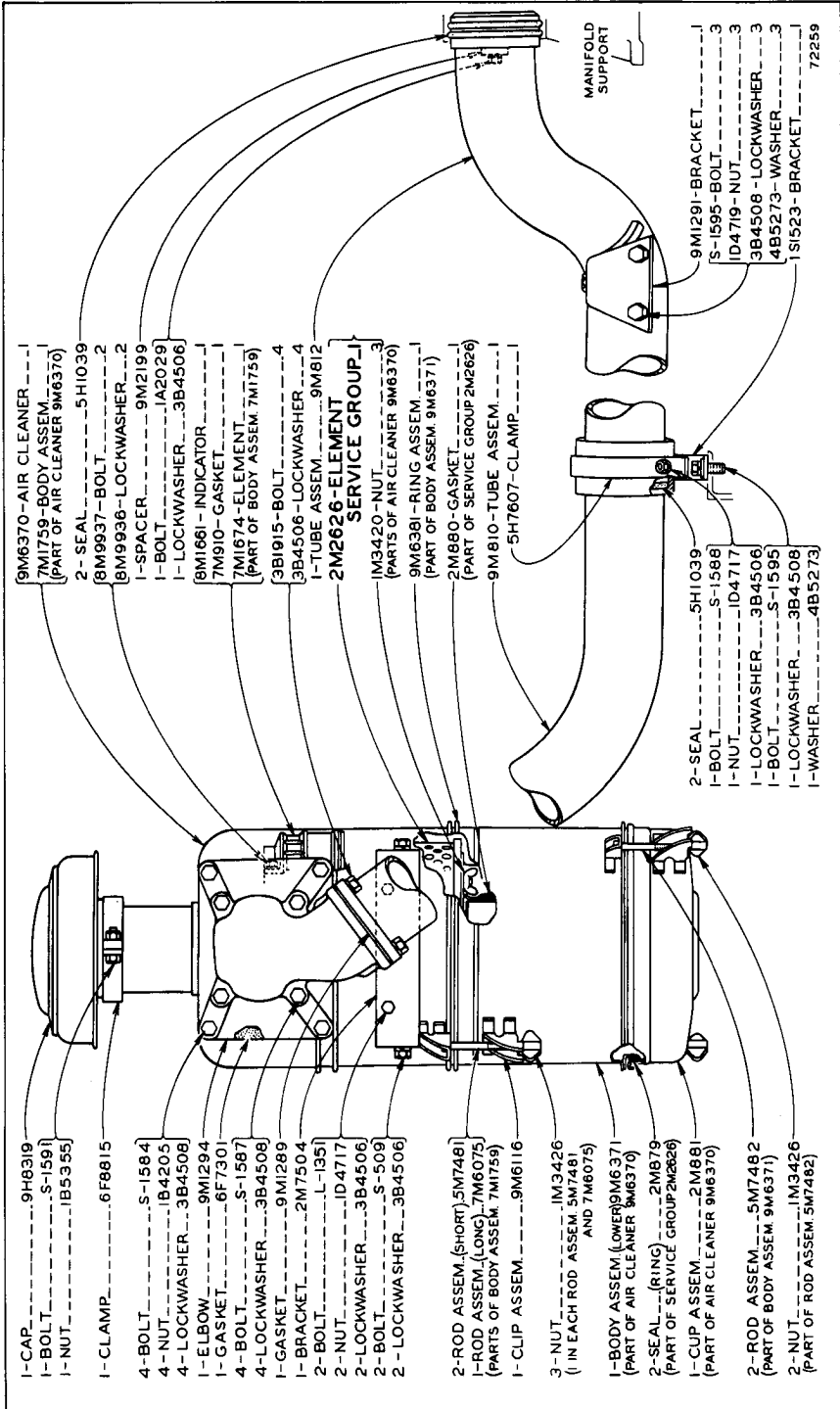
**AIR CLEANER**

Serial No. 53A3000 to 53A3022 inclusive
 Refer also to Pages 142 and 148 for special parts

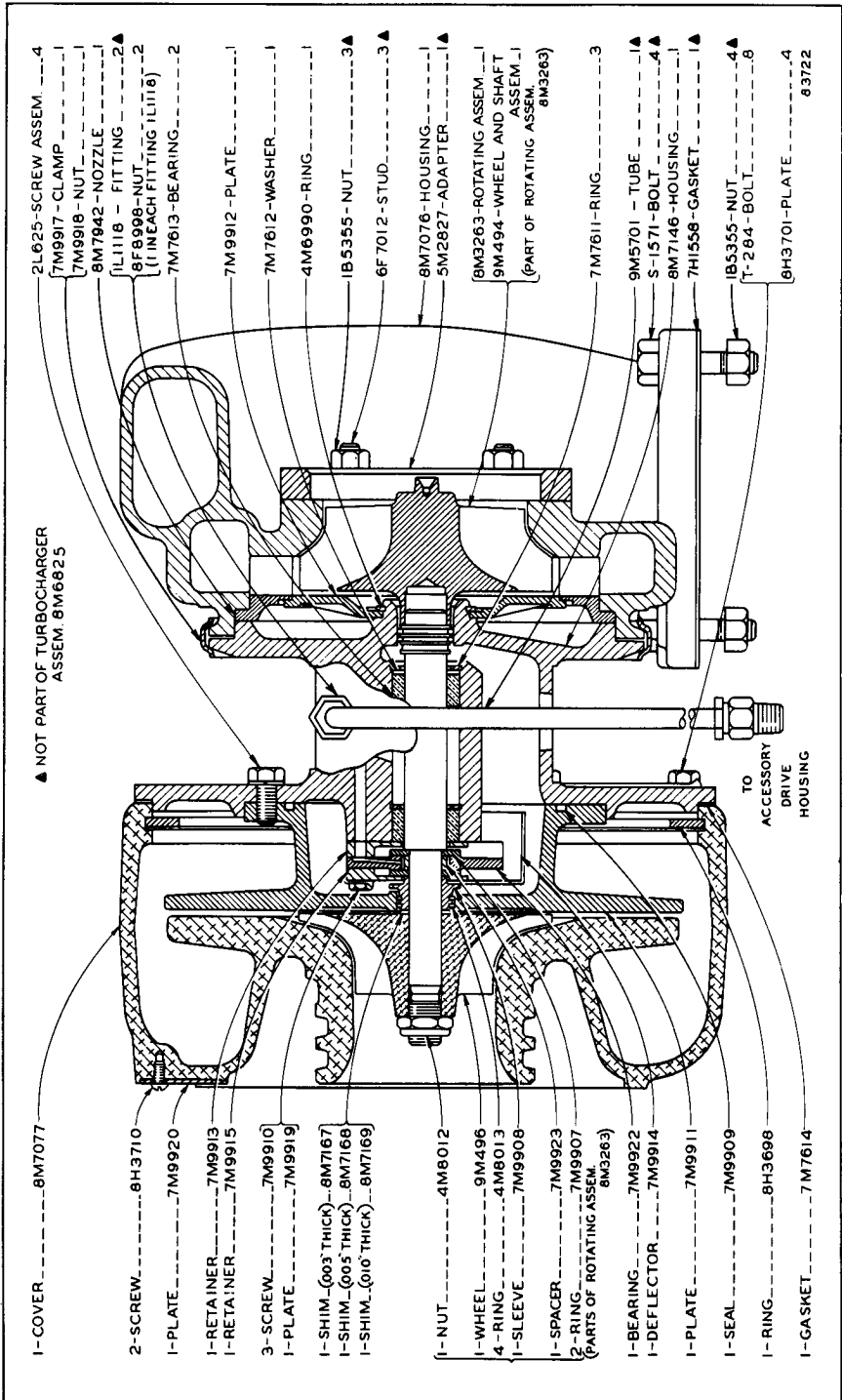


AIR CLEANER

Serial No. 53A3023 to 53A3130 inclusive

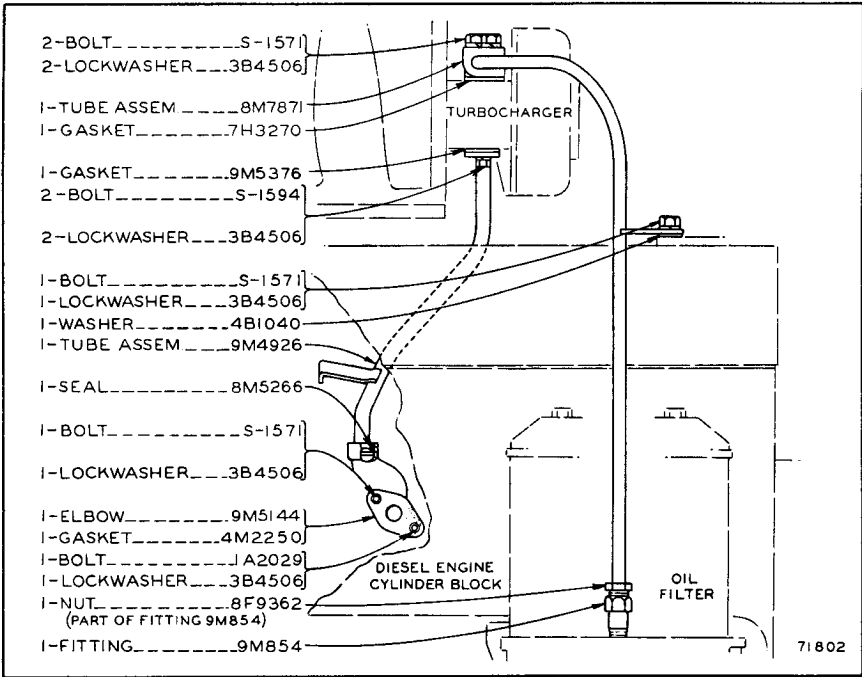


AIR CLEANER
Effective with Serial No. 53A3131

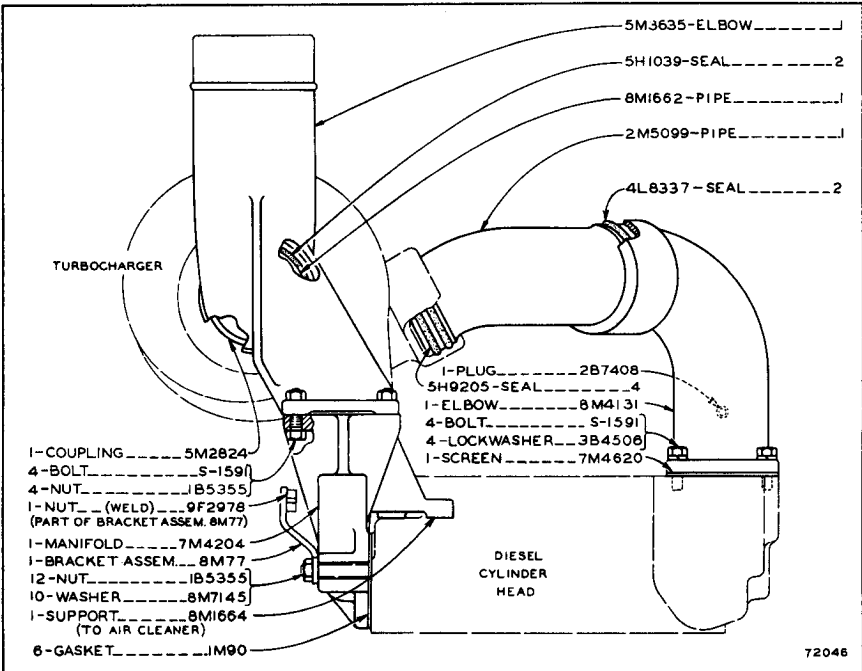


8M6825 TURBOCHARGER ASSEMBLY

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

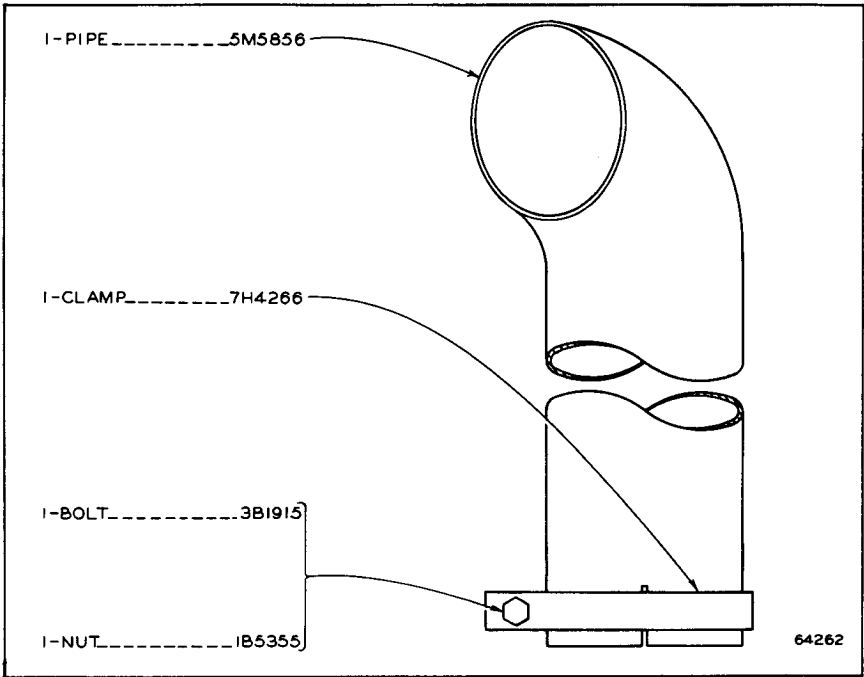


TURBOCHARGER OIL LINES

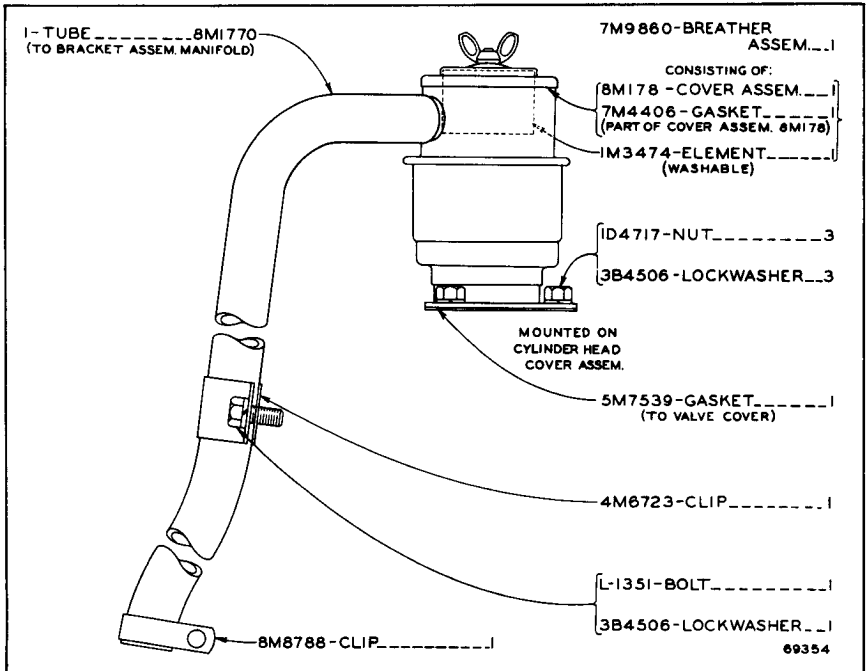


MANIFOLD

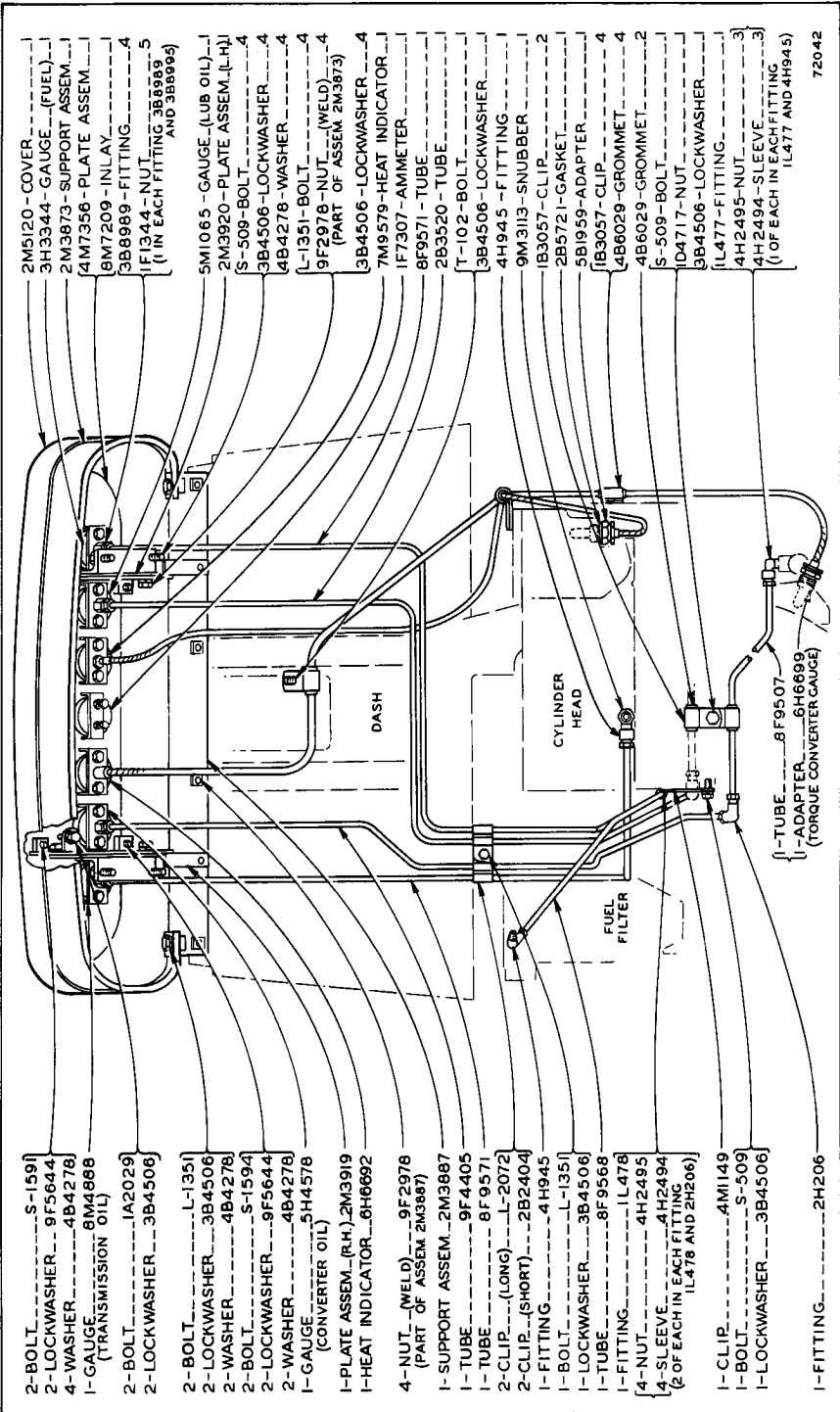
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



EXHAUST EXTENSION

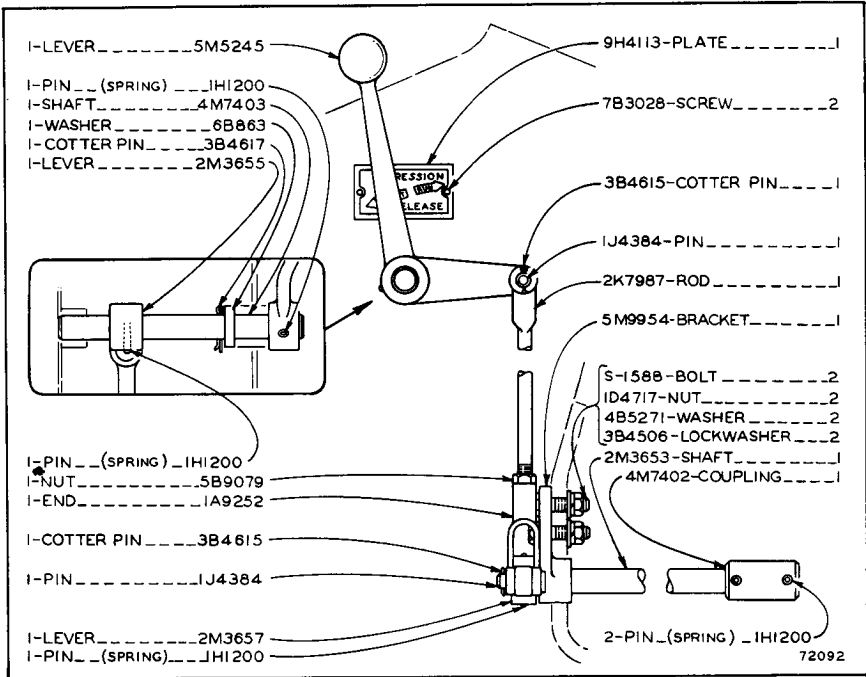


BREATHER

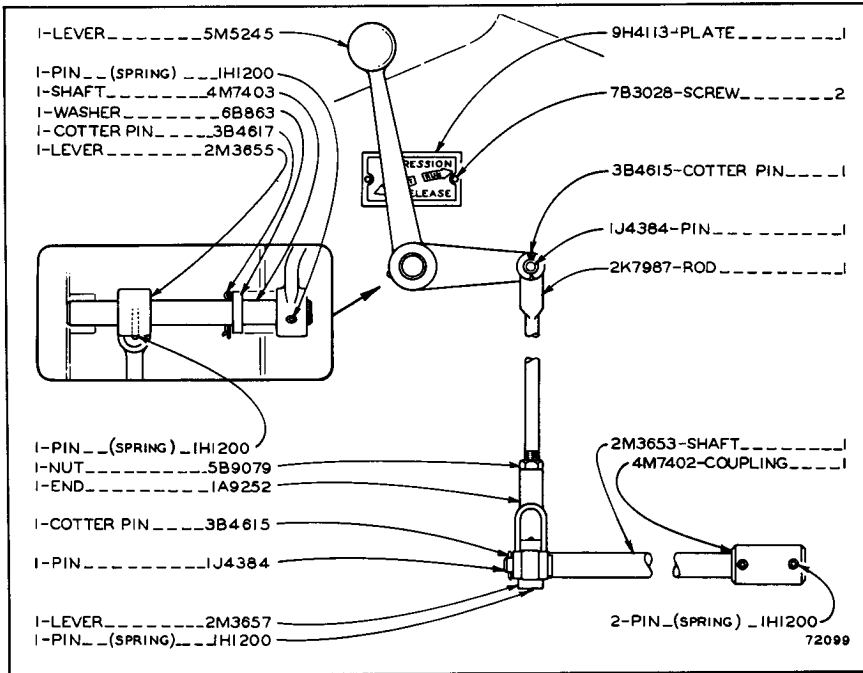


72042

GAUGES AND INSTRUMENT PANEL

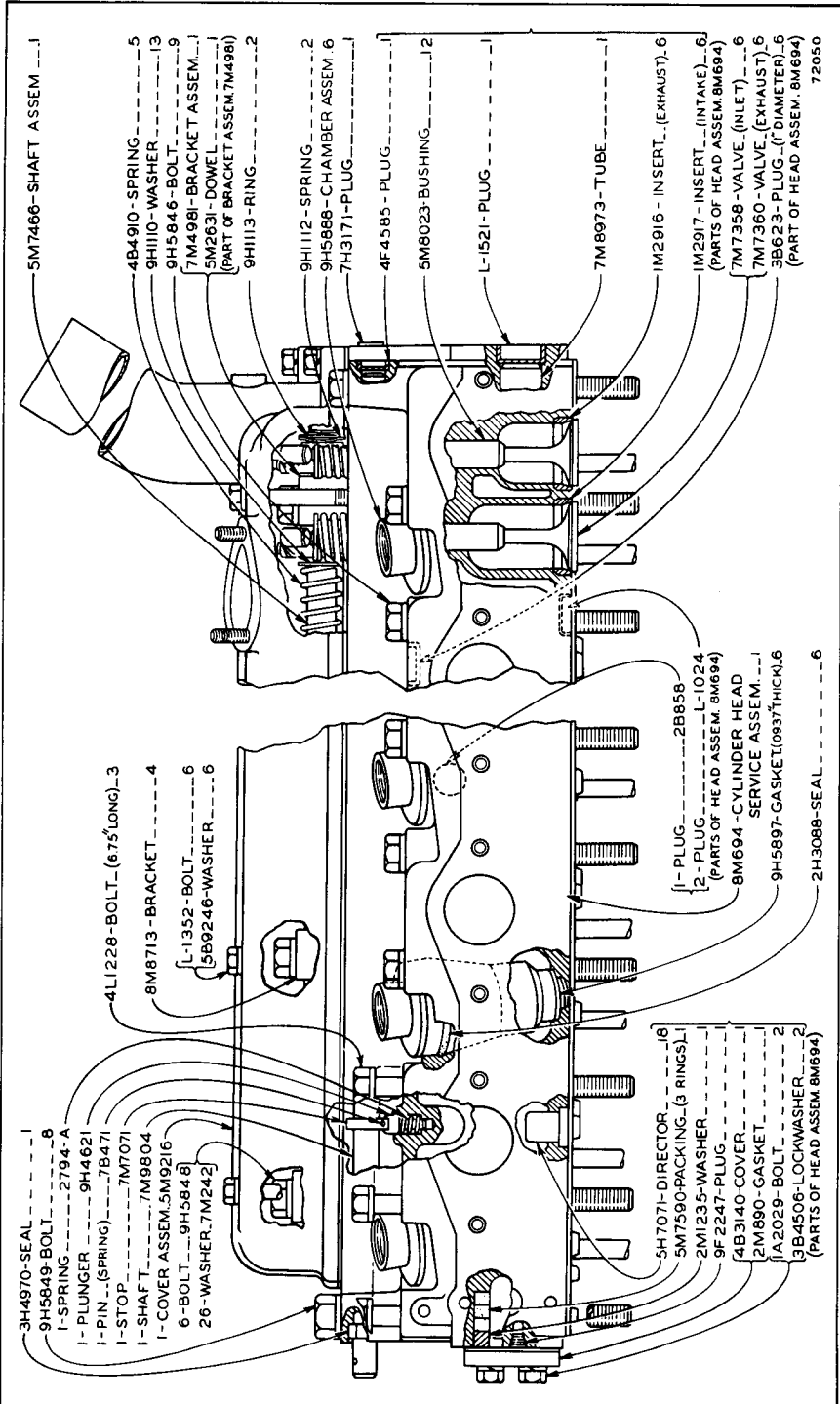


COMPRESSION RELEASE CONTROL
 Serial No. 53A3000 to 53A3113 inclusive



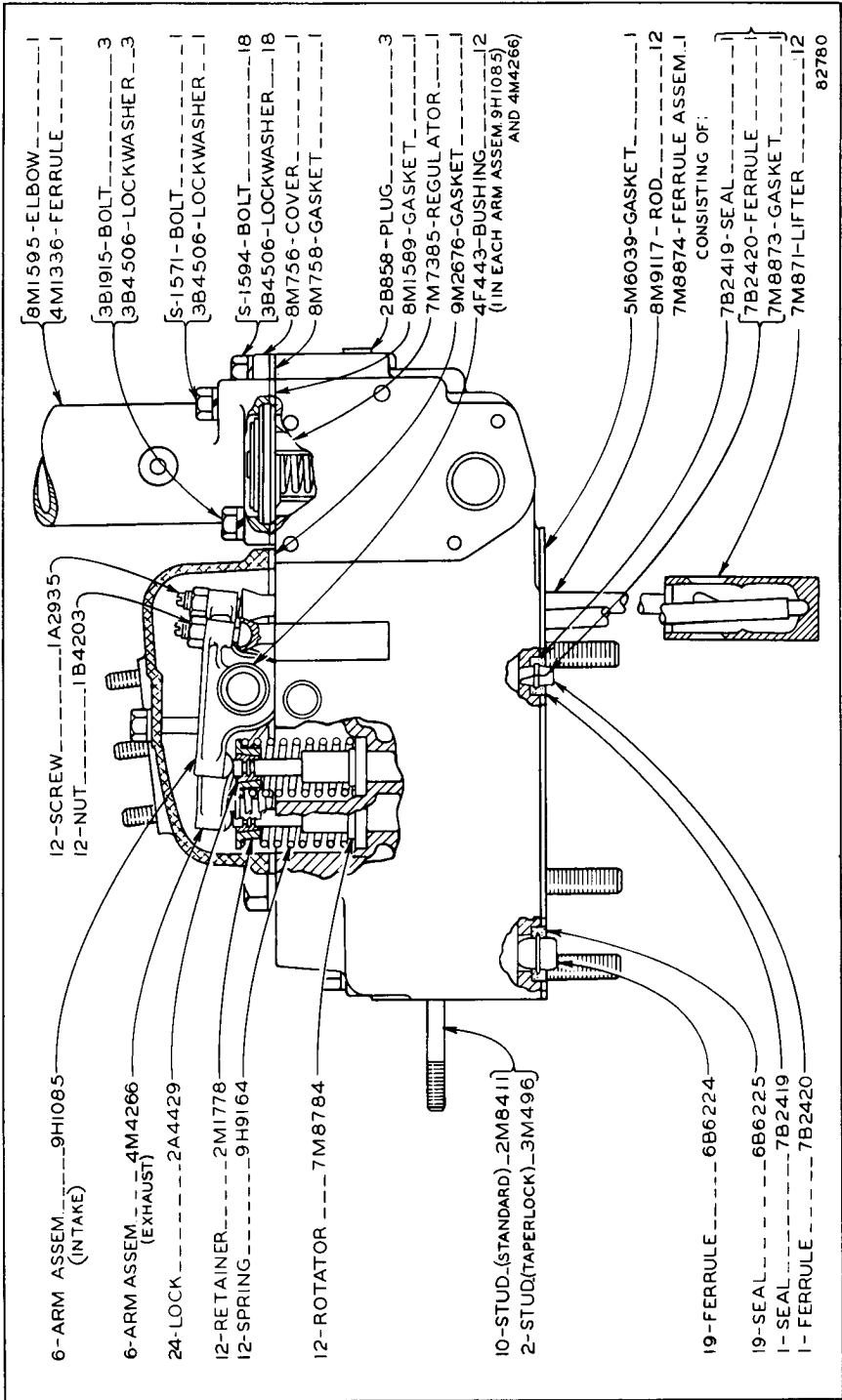
COMPRESSION RELEASE CONTROL
 Effective with Serial No. 53A3114

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



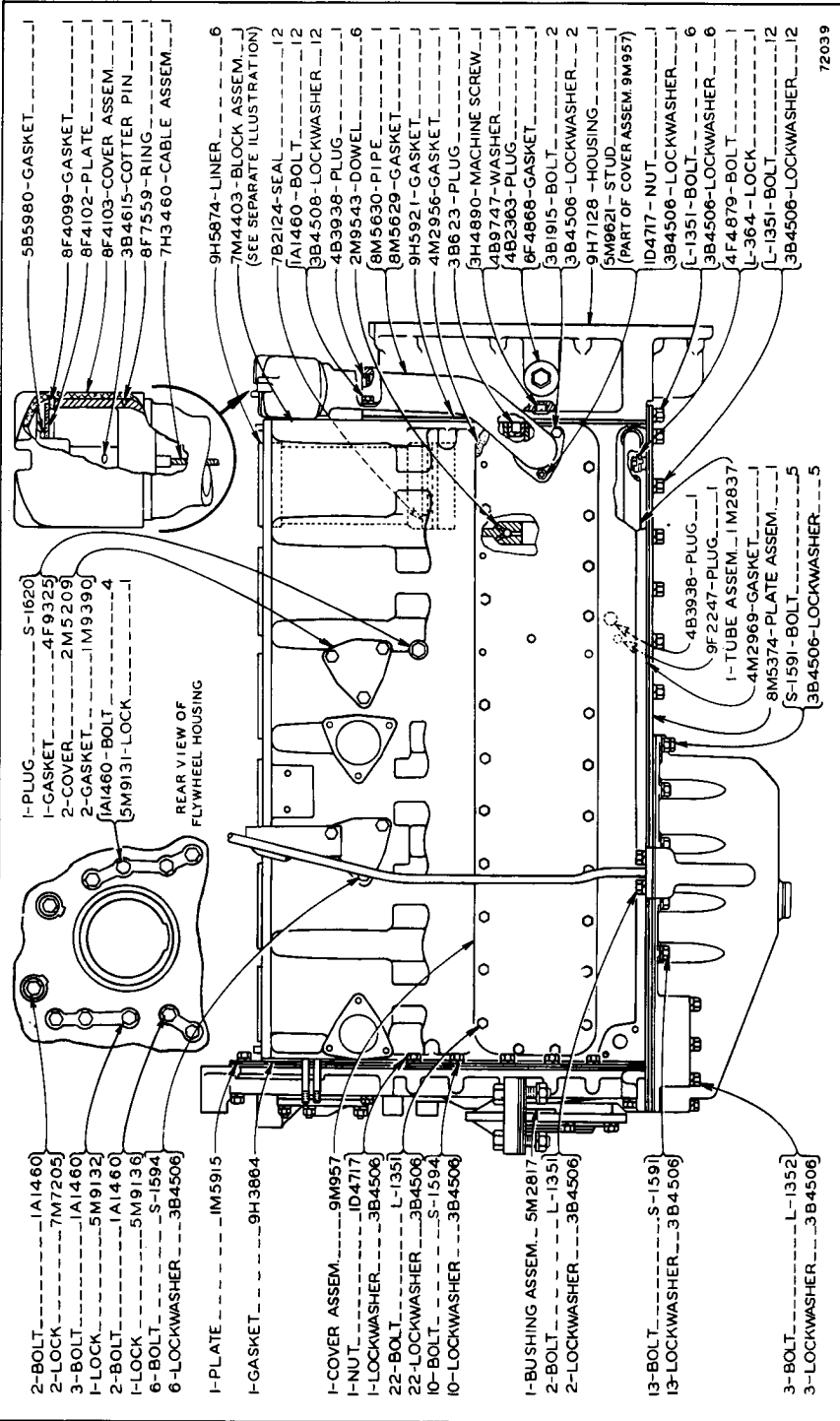
CYLINDER HEAD AND VALVE MECHANISM—Side View

Refer also to Page 131 for special parts



CYLINDER HEAD AND VALVE MECHANISM—End View
 Note: 7M1920 Valve Grinding Gasket Kit is available
 Refer also to Page 131 for special parts

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

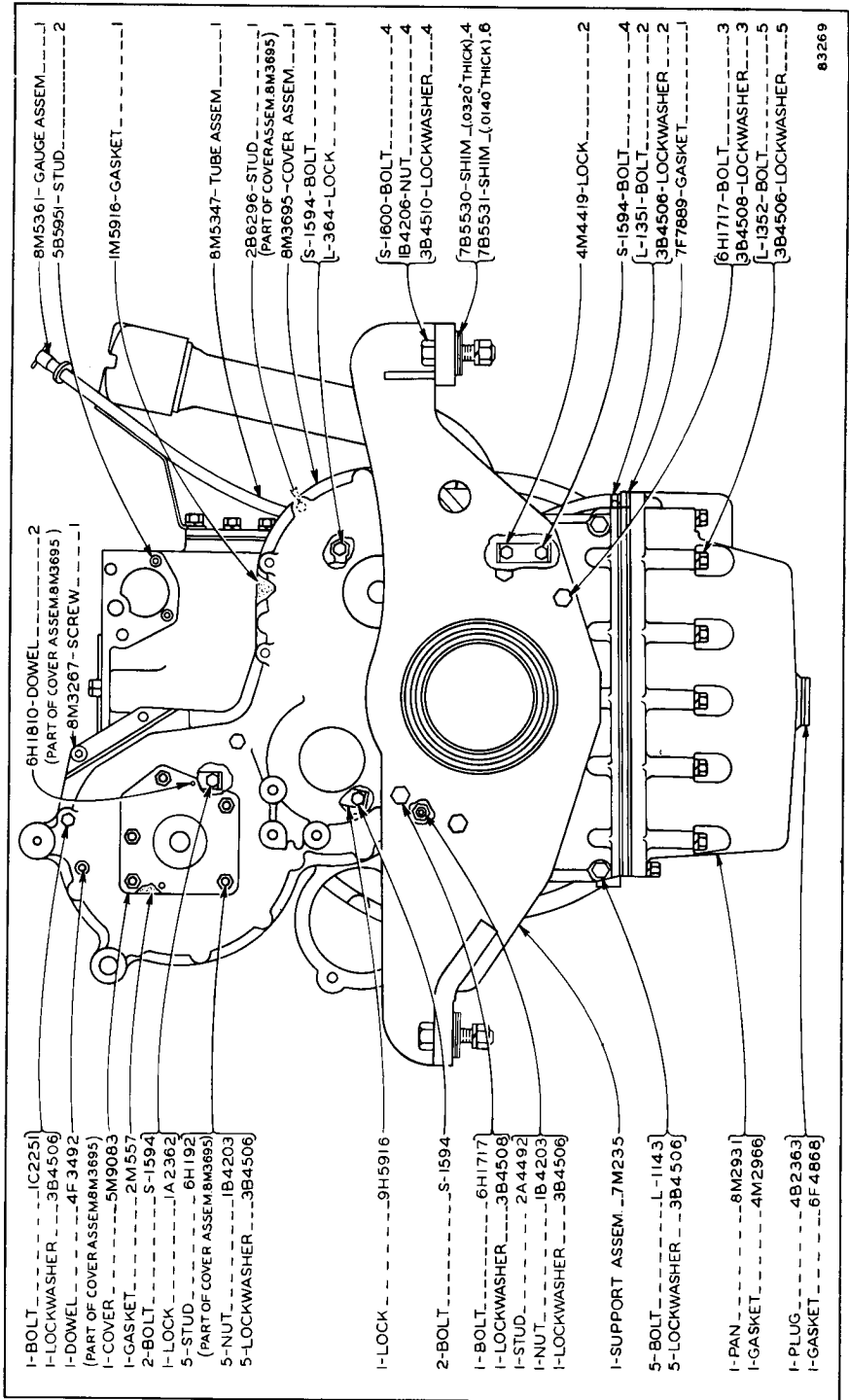


72039

CYLINDER BLOCK AND COVERS—Side View

7M4403 Cylinder Block Assembly parts are shown on Page 30

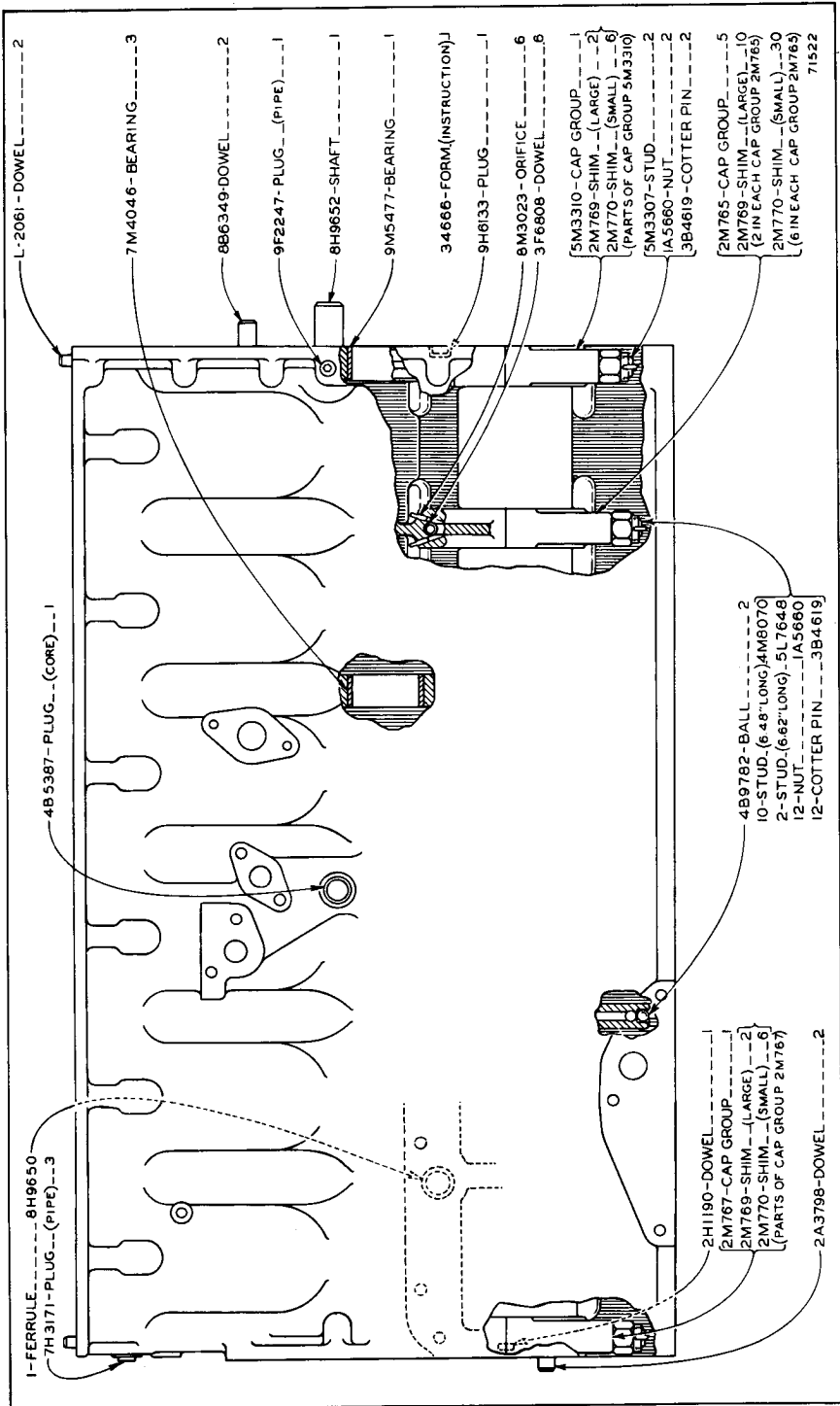
Note: 4M8166 Piston and Liner Group, 7M1918 Cylinder Liner and Piston Replacement Gasket Kit and 7M1920 Valve Grinding Gasket Kit are available. Piston and Liner replacement require the use of 7M1918 and 7M1920 Gasket Kits



83269

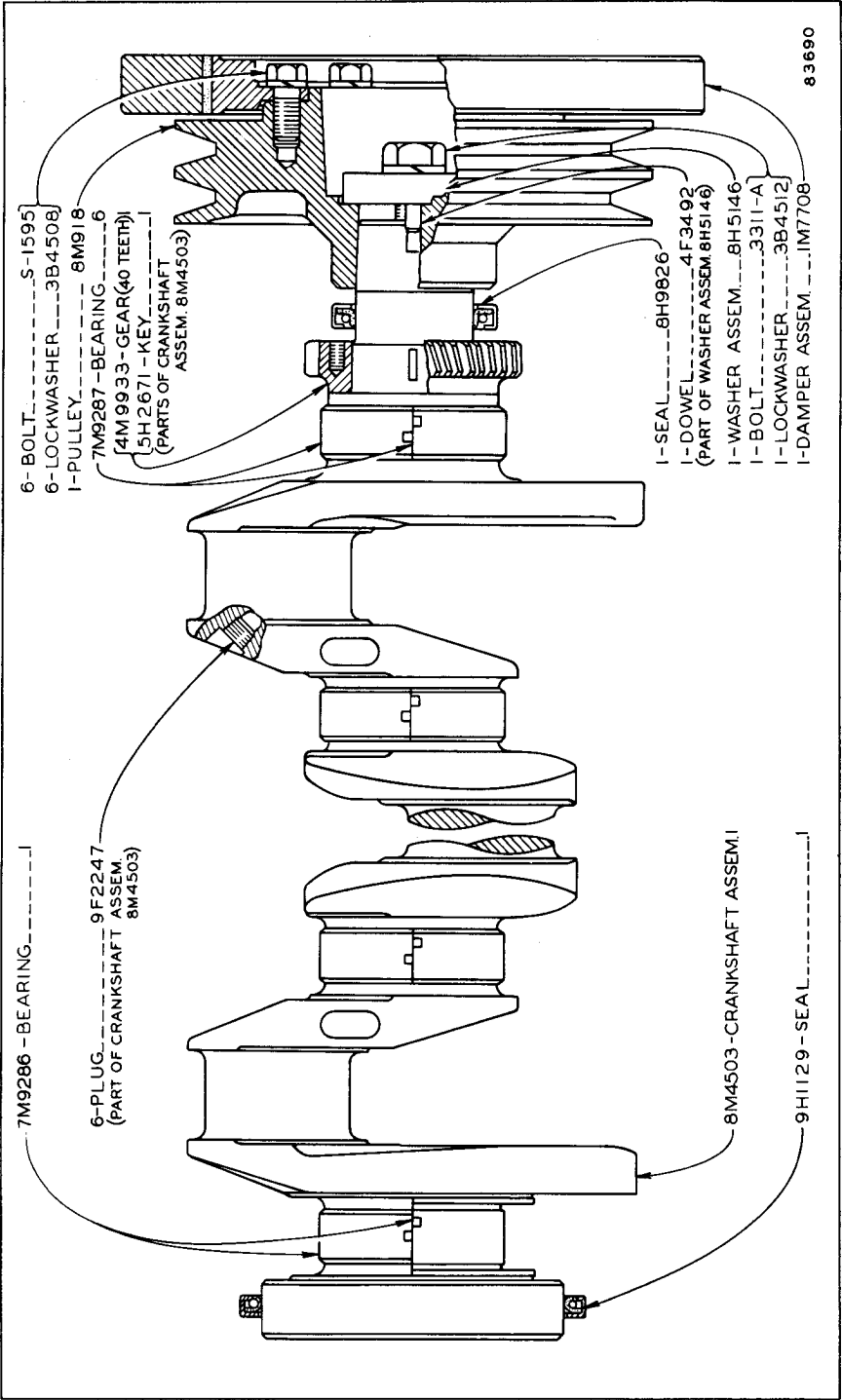
CYLINDER BLOCK AND COVERS—End View

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7M4403 CYLINDER BLOCK ASSEMBLY
Part of Cylinder Block and Covers shown on Page 28

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

7M9291 For use with Standard Crankshaft

Consists of:

Complete set of Bearing Assemblies as shown with Standard Crankshaft

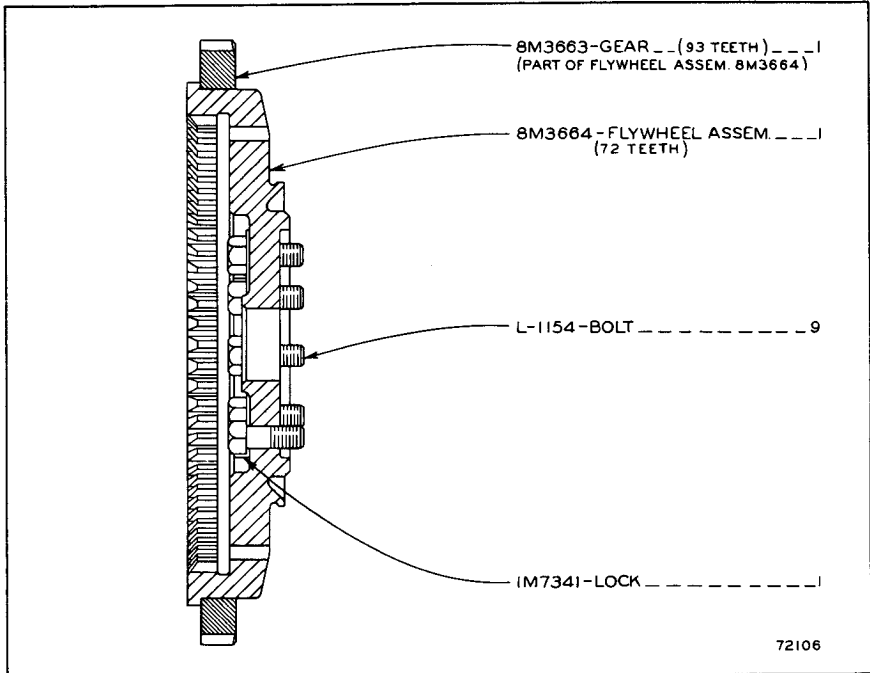
7M9293 For use with .030 Undersize Crankshaft

Consists of:

- 6 7M9288 Bearing—Intermediate
- 1 7M9289 Bearing—Rear

72281

CRANKSHAFT BEARING REPLACEMENT GROUPS

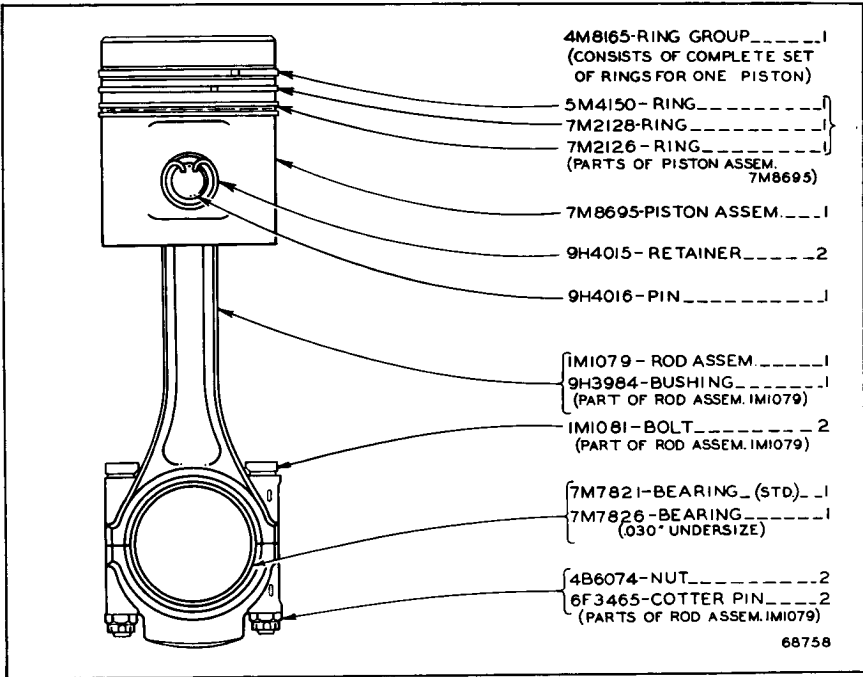


72106

FLYWHEEL

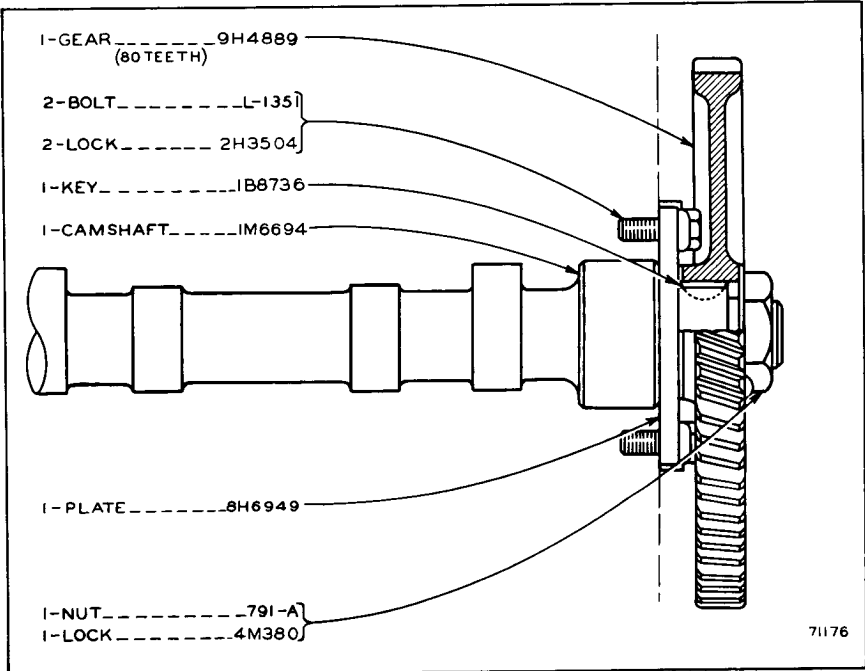
For use with Gasoline Starting Engine
Refer also to Page 131 for special parts

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



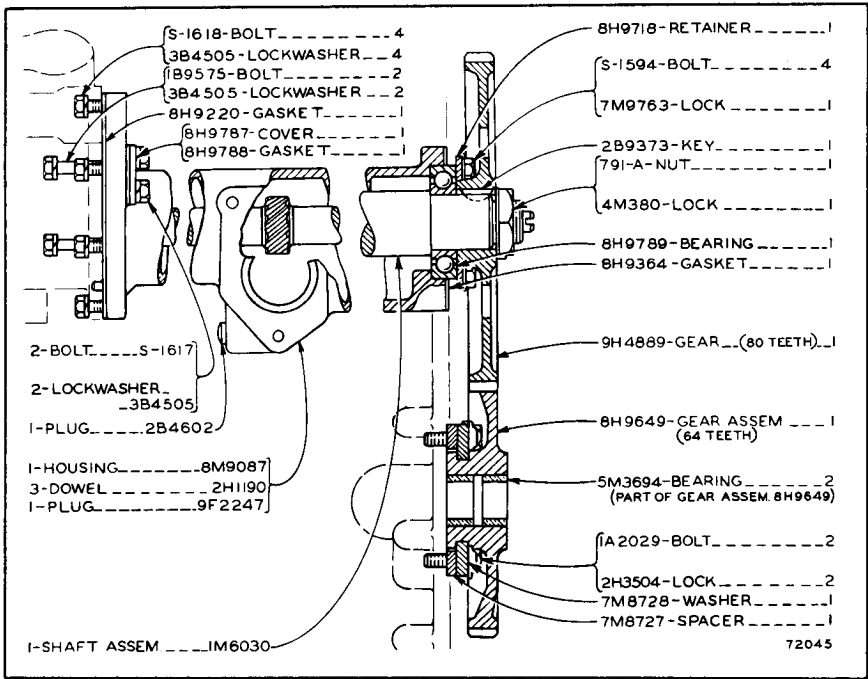
CONNECTING ROD AND PISTON—6 Required

Note: 4M8166 Piston and Liner Group, consisting of: 1—Piston Assembly, 1—Liner and 2—Seal, is available

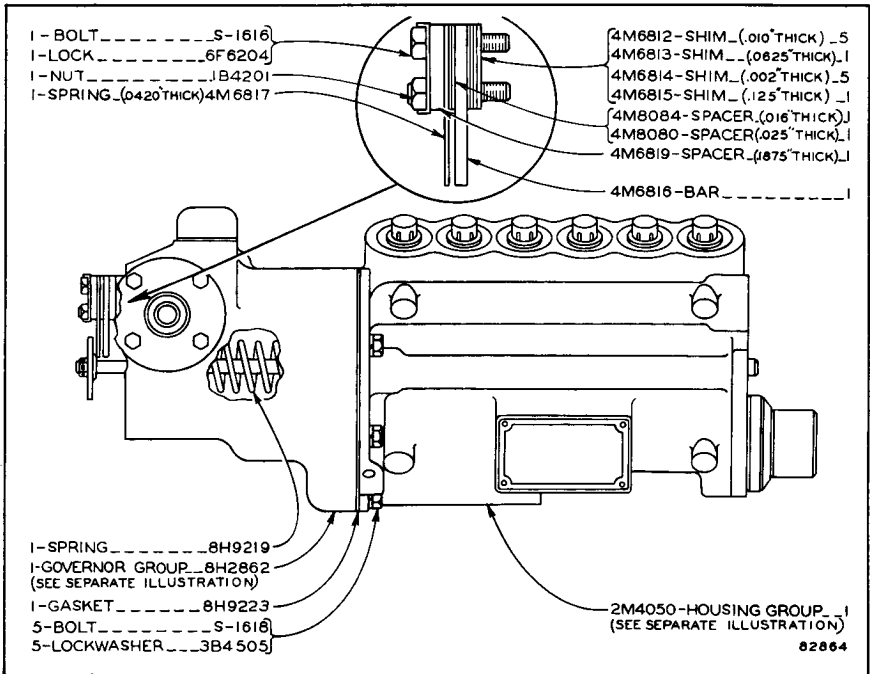


CAMSHAFT

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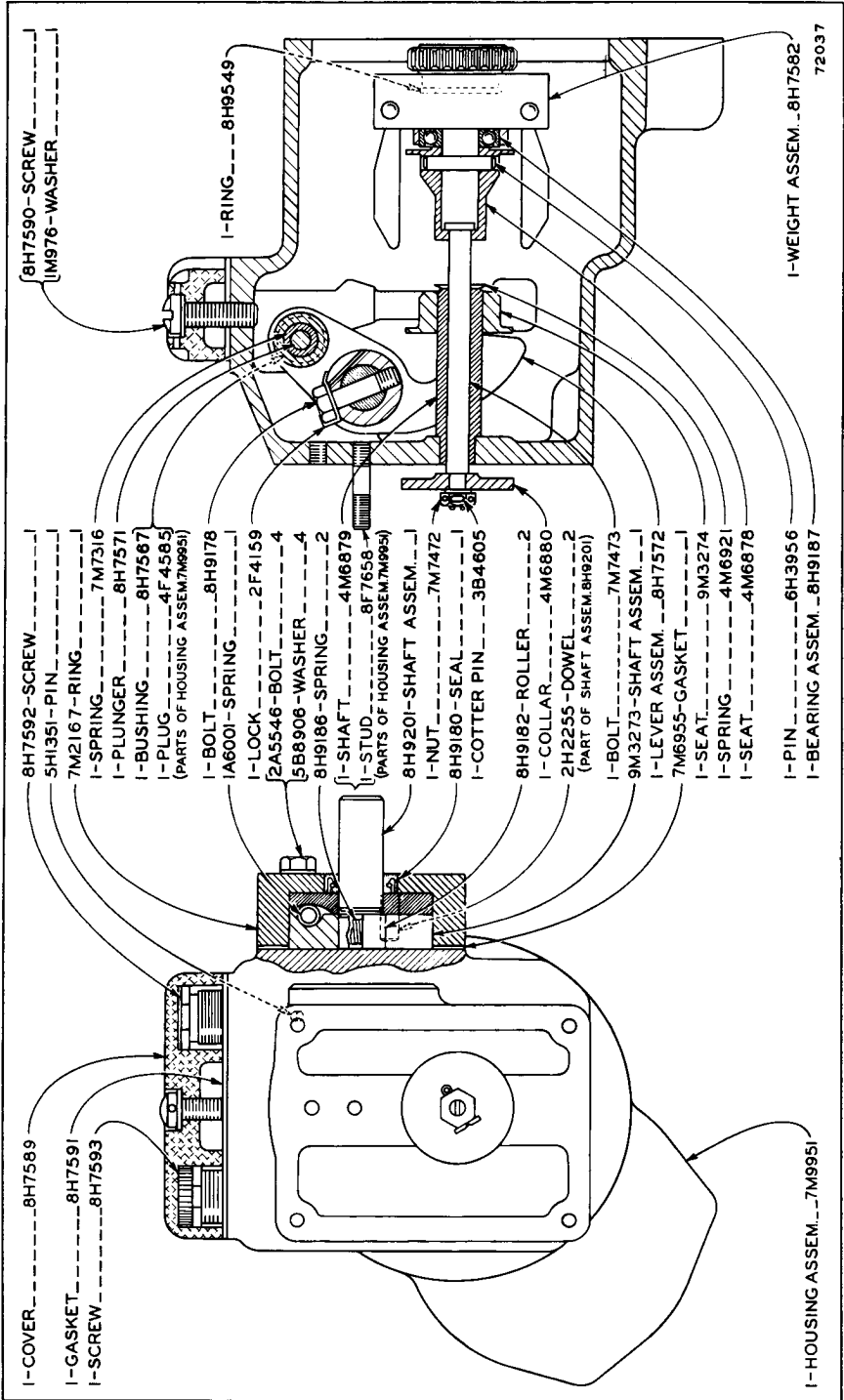
ACCESSORY DRIVE



FUEL PUMP HOUSING AND GOVERNOR

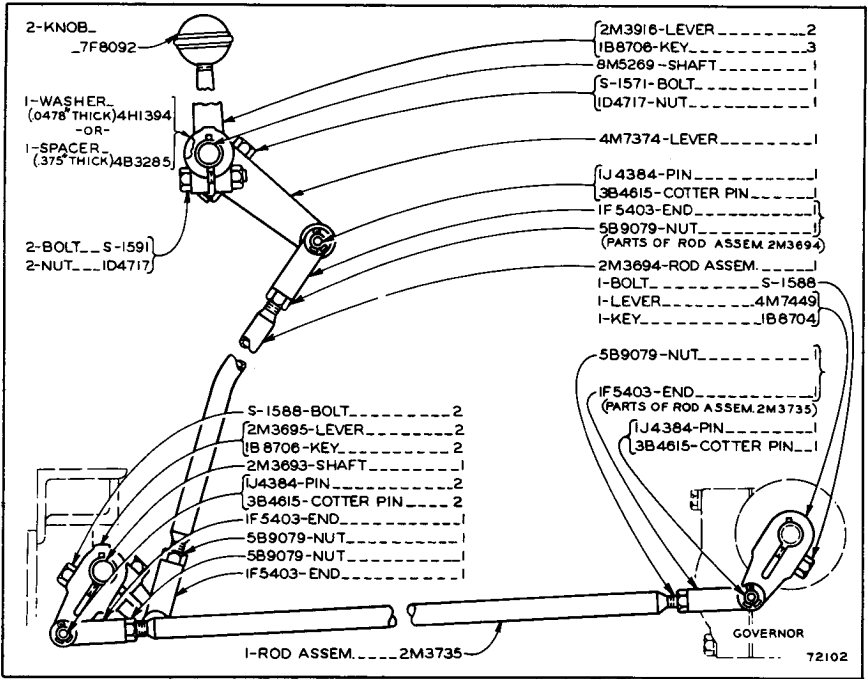
2M4050 Fuel Pump Housing Group parts are shown on Page 38

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

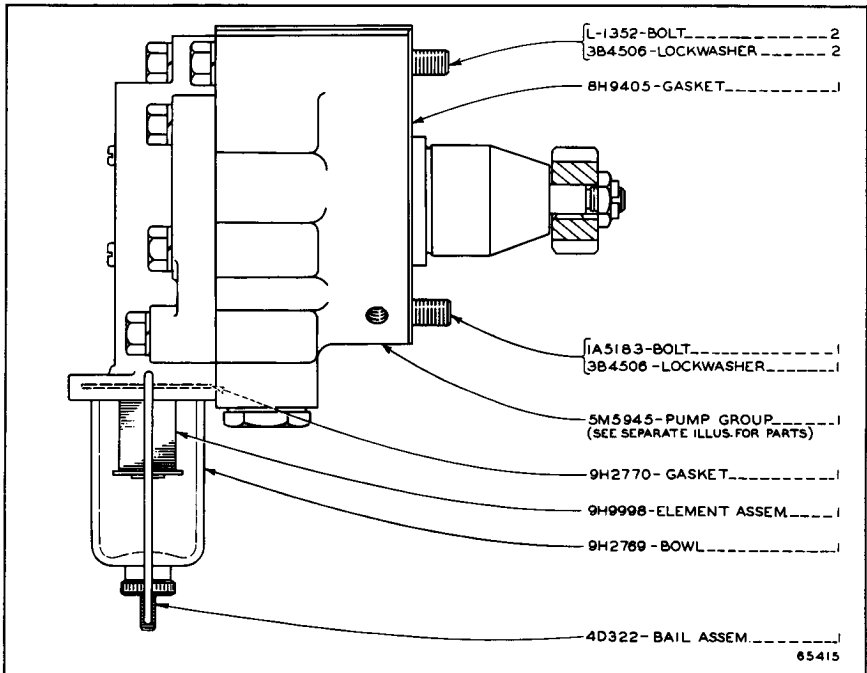


8H2862 GOVERNOR GROUP
Part of Fuel Pump Housing and Governor

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

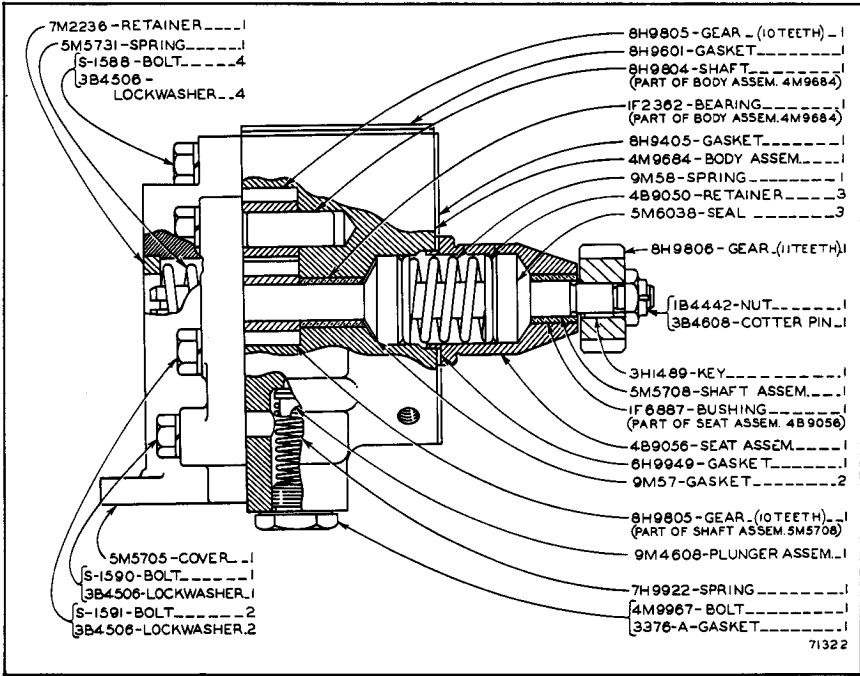


GOVERNOR CONTROL

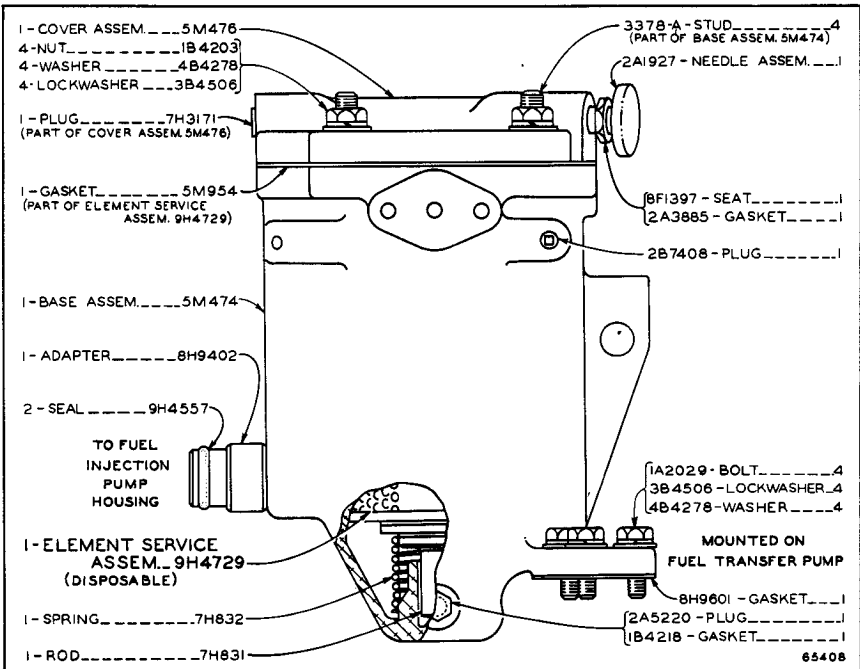


FUEL TRANSFER PUMP AND FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

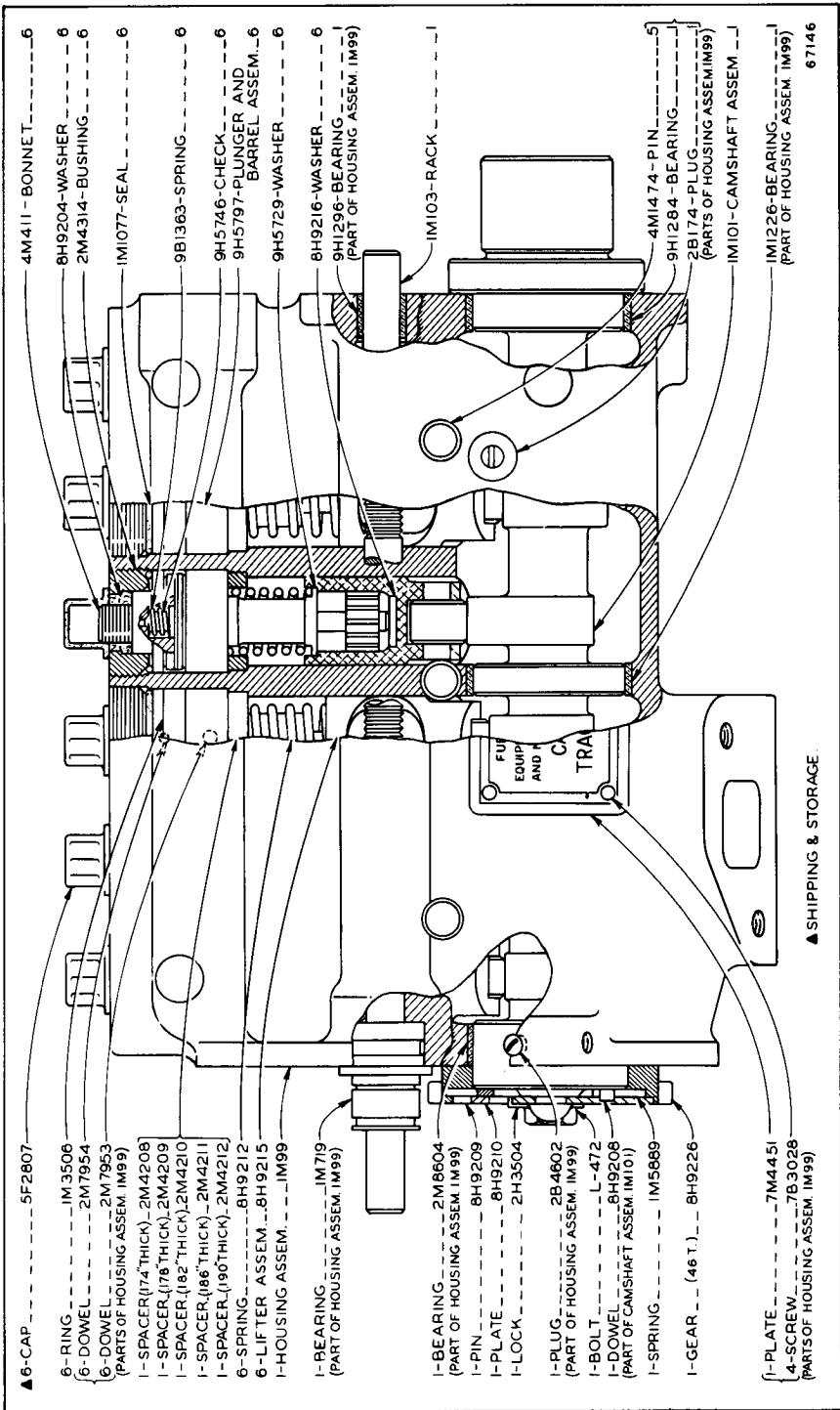


5M5945 FUEL TRANSFER PUMP GROUP
 Part of Fuel Transfer Pump and Filter



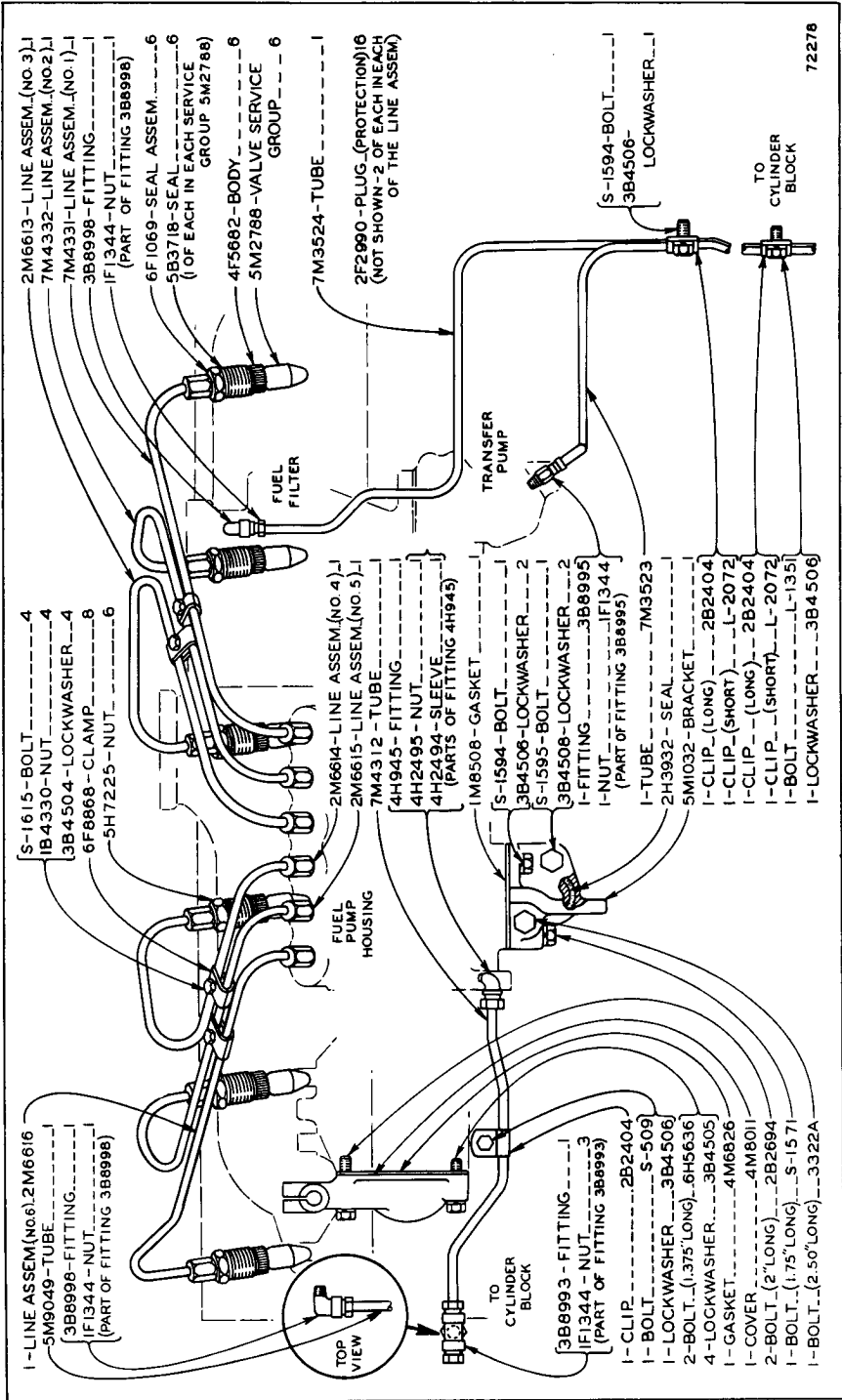
FUEL FILTER

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2M4050 FUEL PUMP HOUSING GROUP

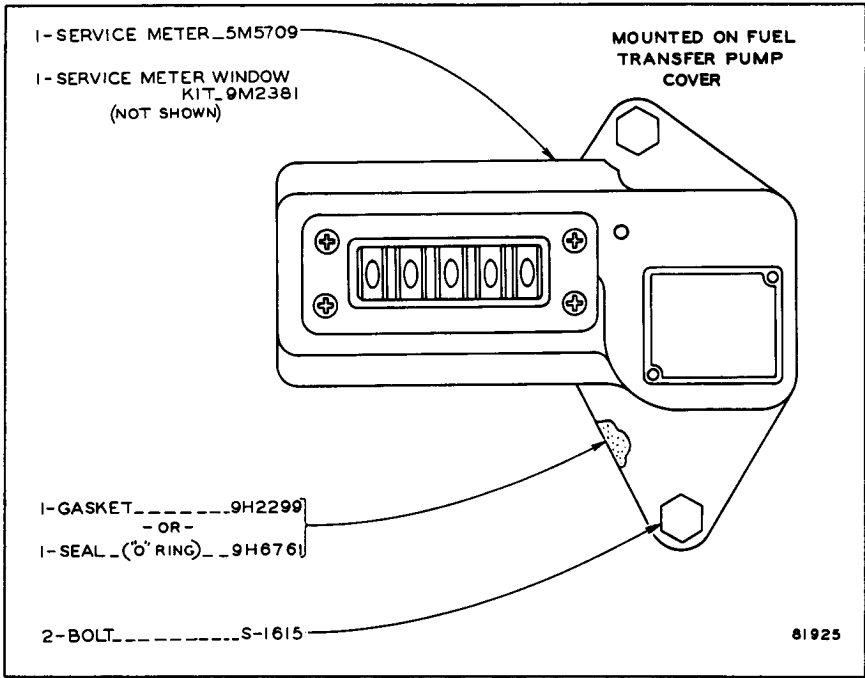
Part of Fuel Pump Housing and Governor shown on Page 34



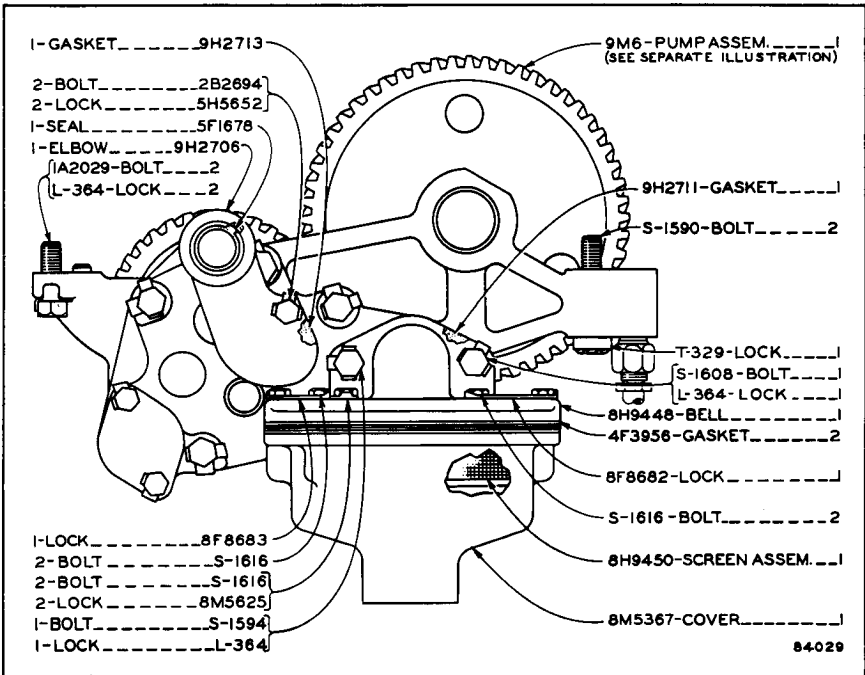
72278

FUEL INJECTION VALVES AND LINES

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

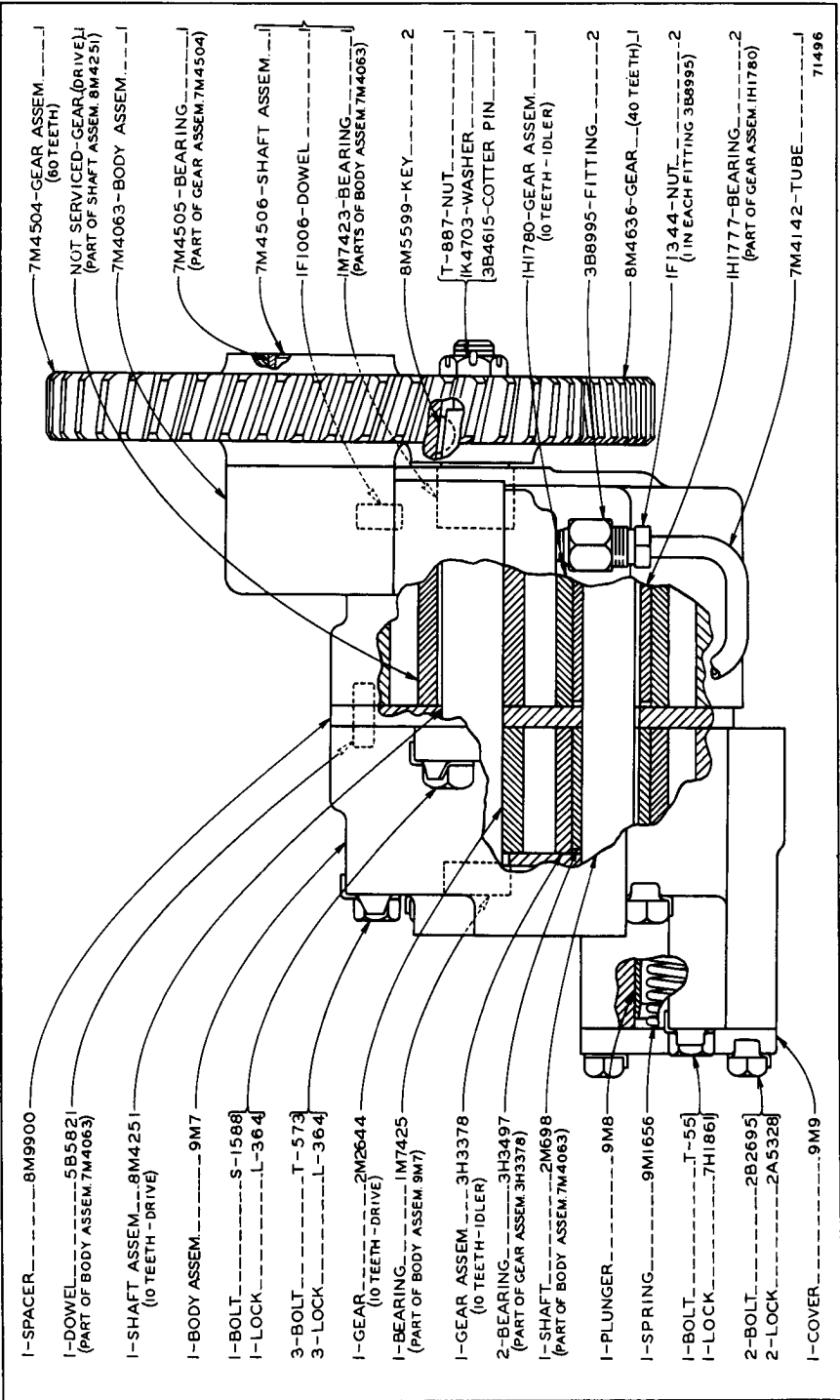


SERVICE METER



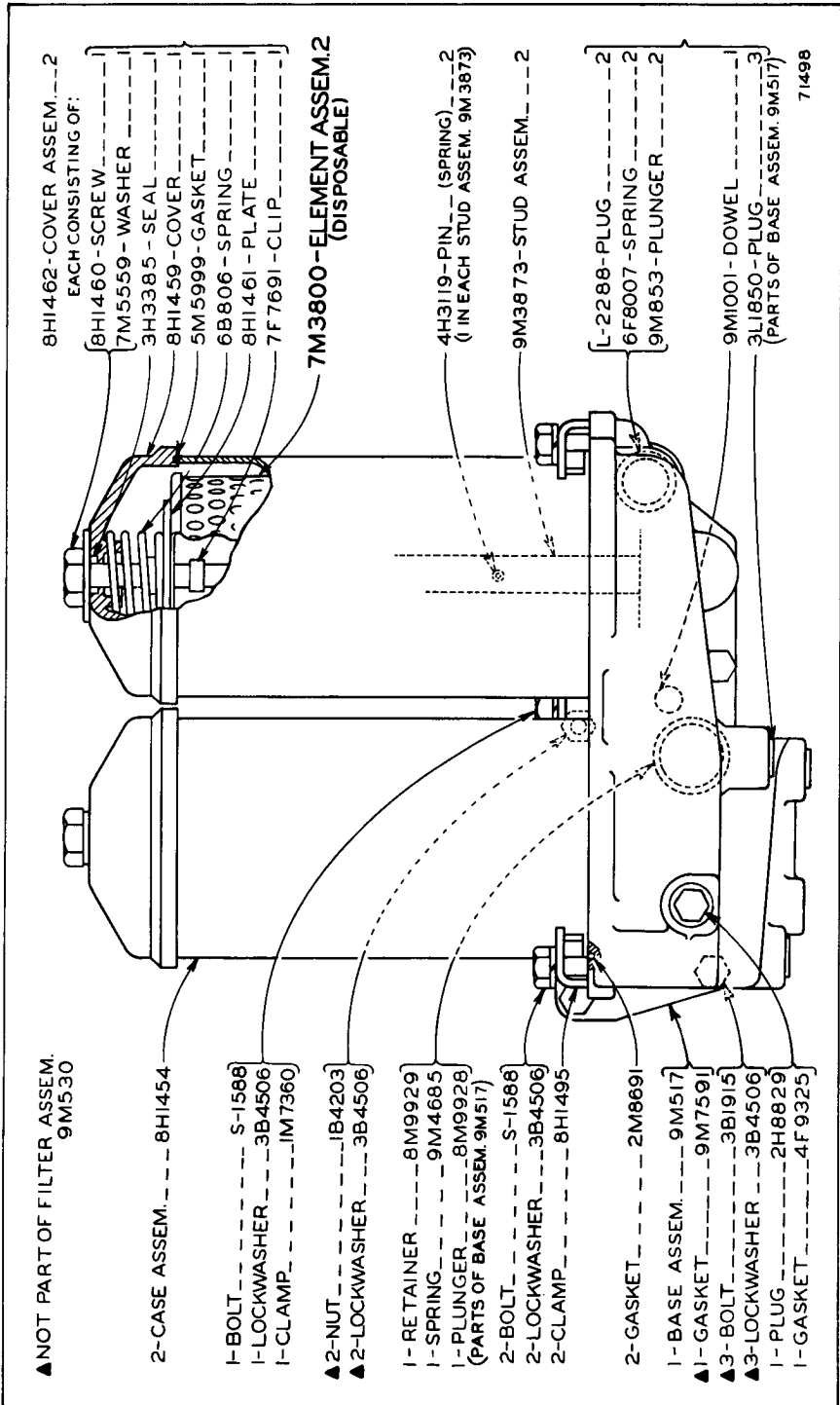
OIL PUMP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



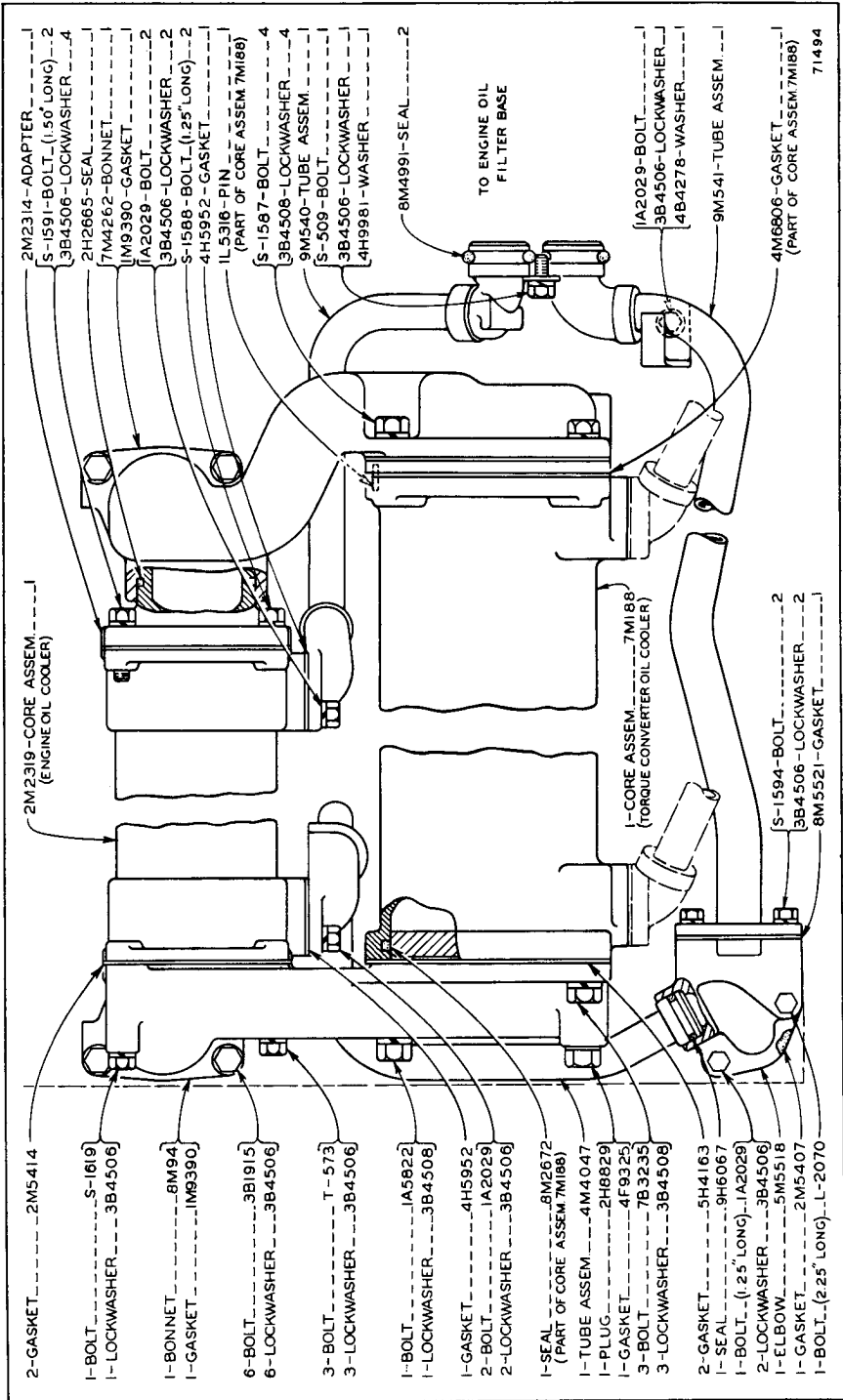
9M6 OIL PUMP ASSEMBLY
Part of Oil Pump

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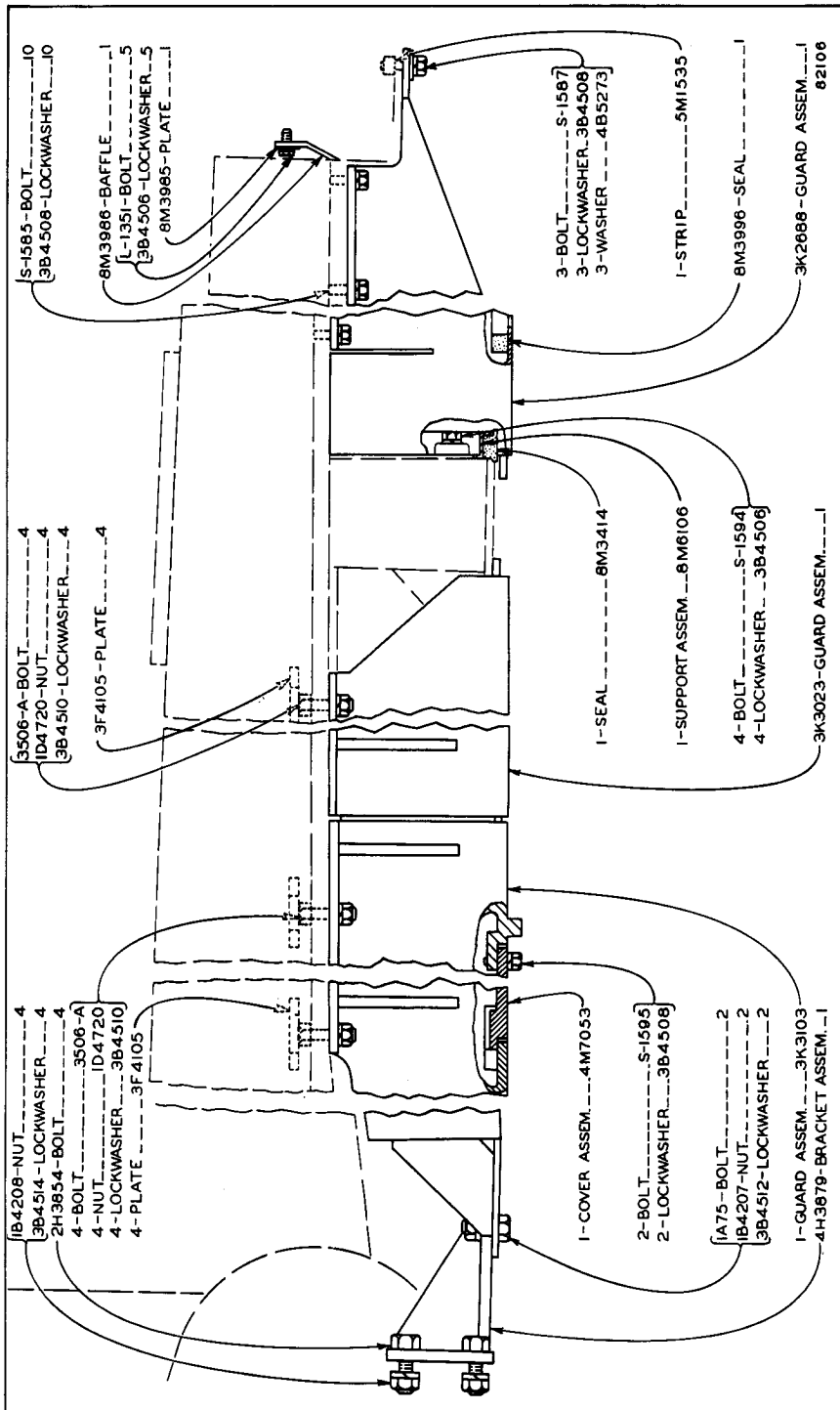
9M530 OIL FILTER ASSEMBLY

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



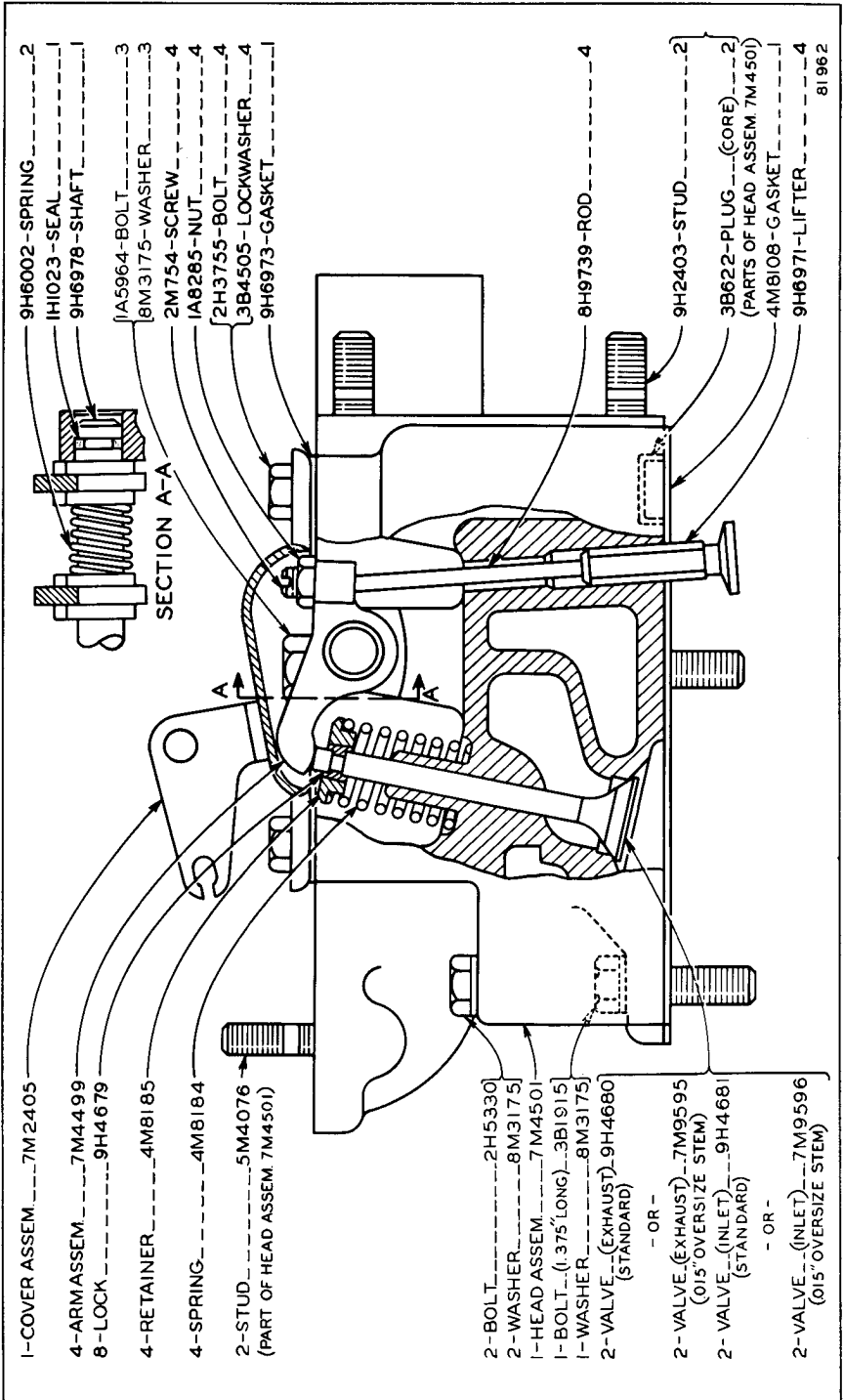
ENGINE AND TORQUE CONVERTER OIL COOLER

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



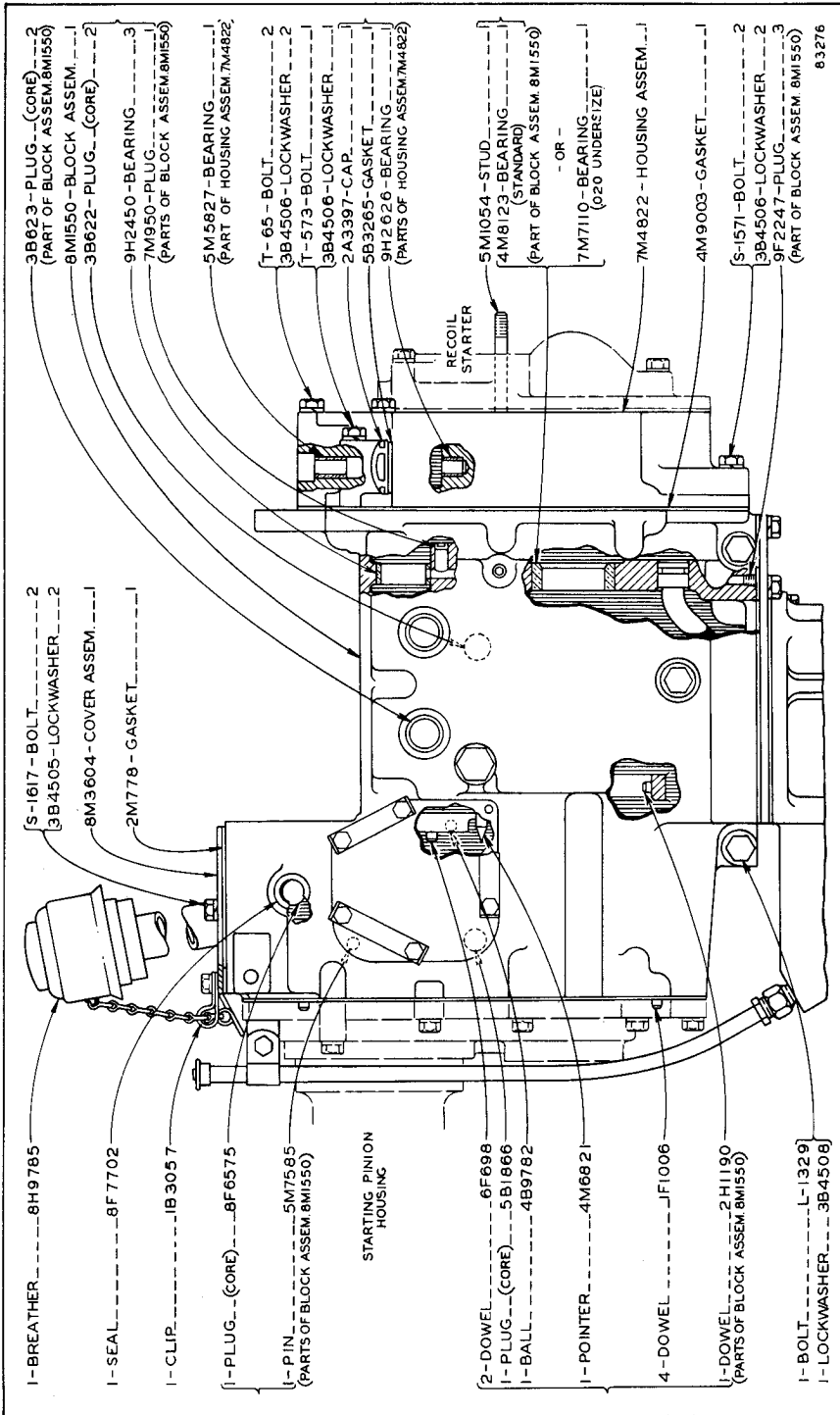
CRANKCASE GUARD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

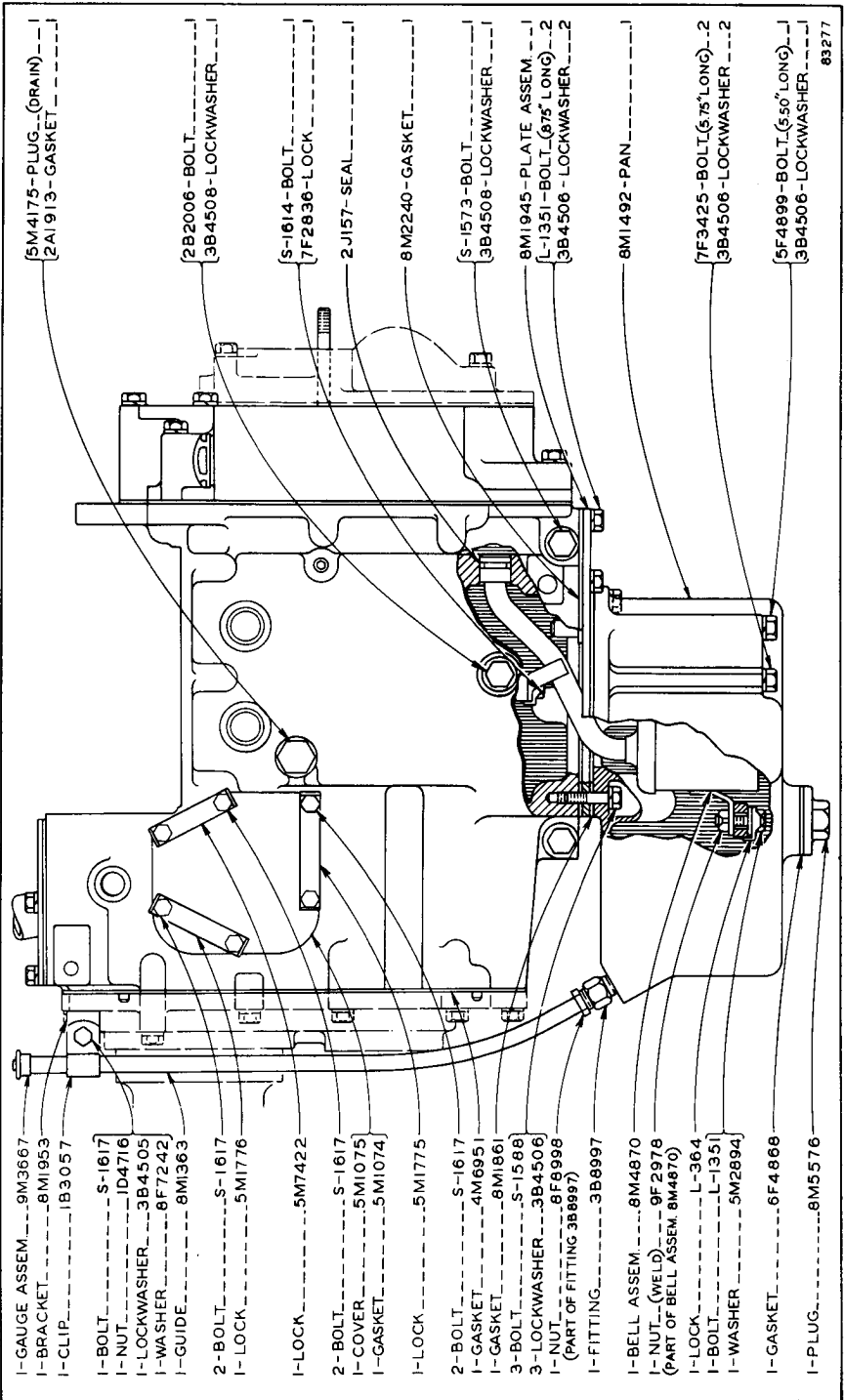


CYLINDER HEAD AND VALVE MECHANISM
 Effective with Starting Engine Block No. E3600—Up
 Note: 7M1921 Starting Engine Gasket Kit is available

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



CYLINDER BLOCK AND COVERS—Part One
 Serial No. 53A3000 to 53A3111 inclusive, Starting Engine Block No. E3600 to E5206 inclusive
 Note: 7M1921 Starting Engine Gasket Kit is available

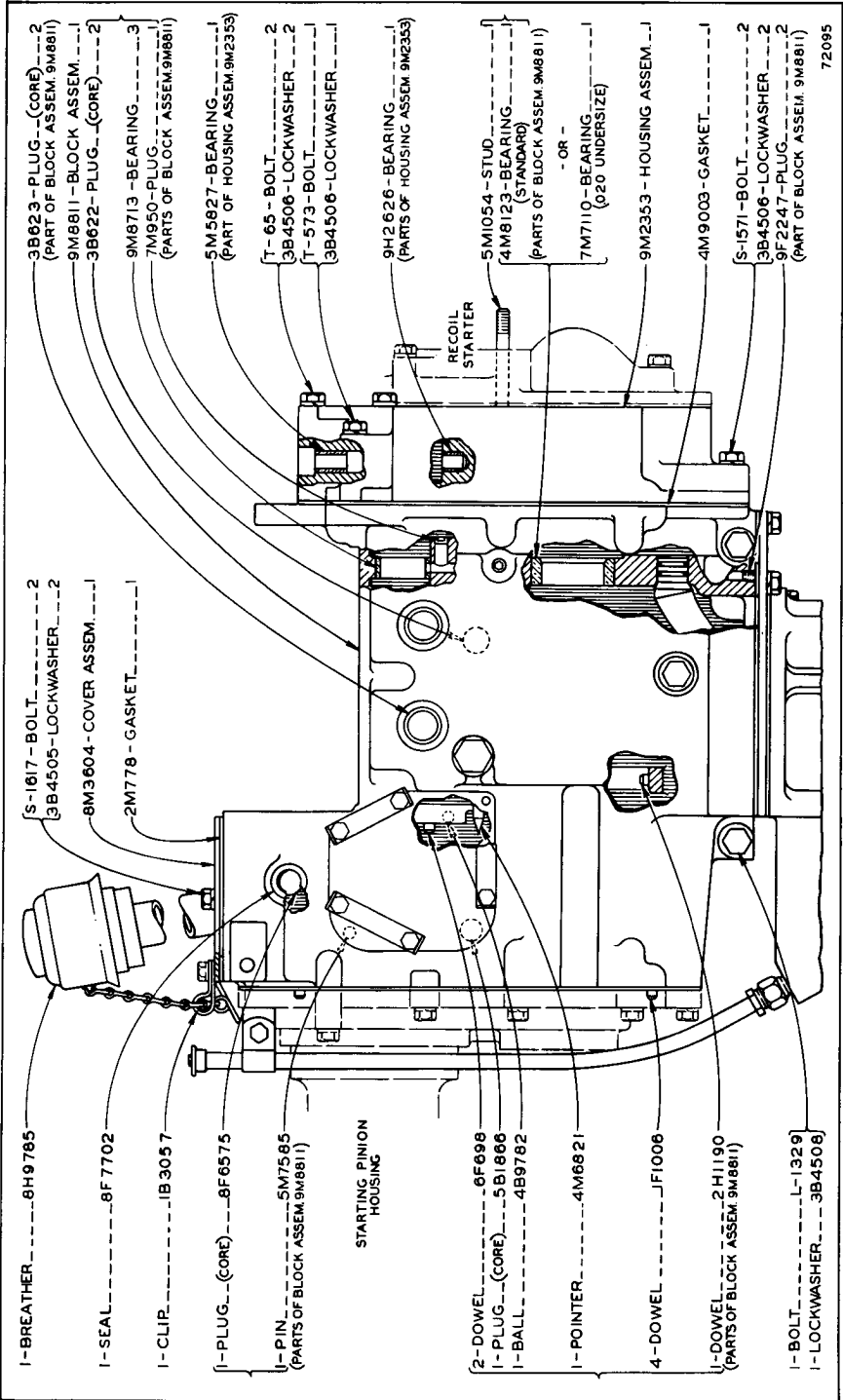


83277

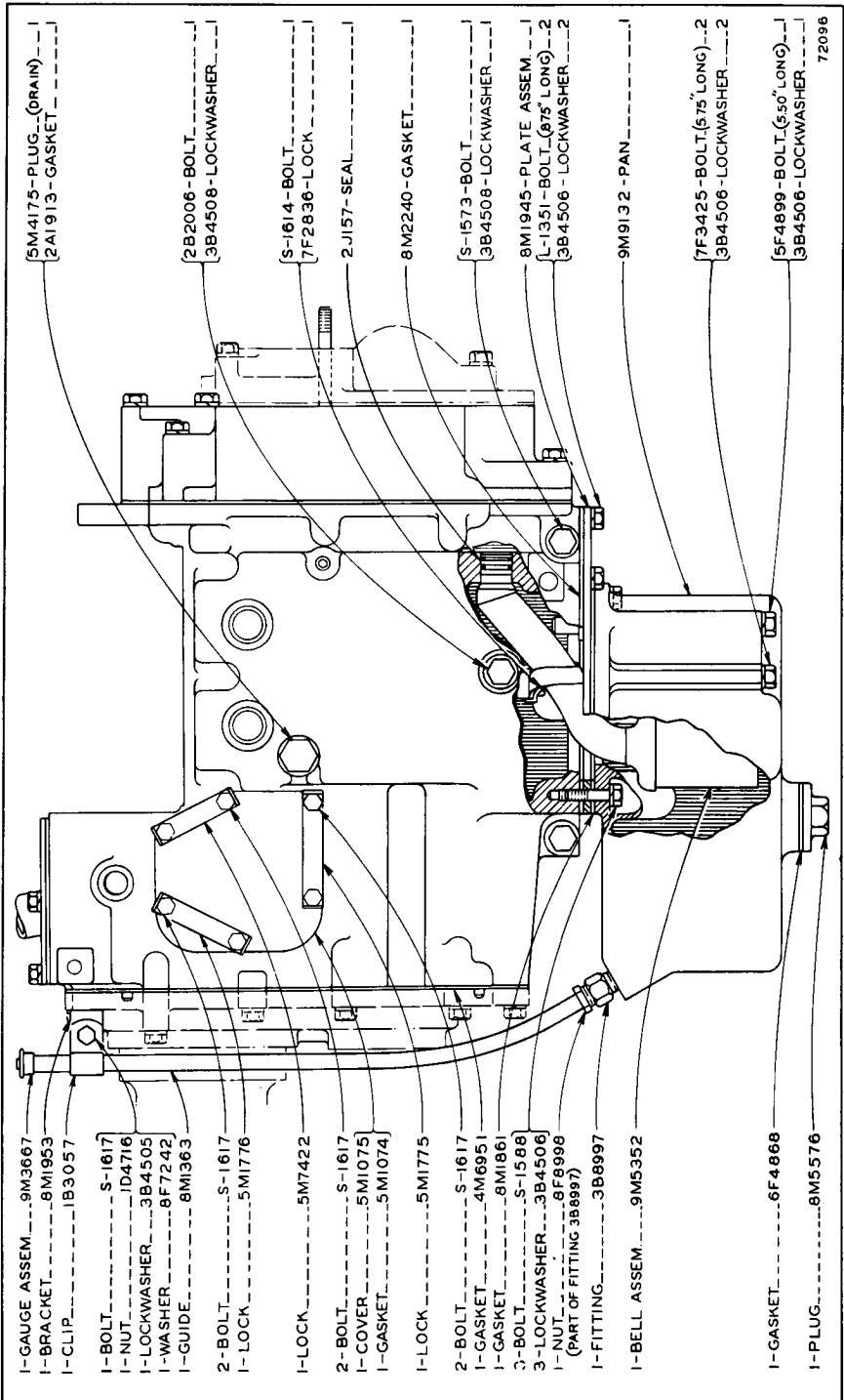
CYLINDER BLOCK AND COVERS—Part Two

Serial No. 53A3000 to 53A3111 inclusive. Starting Engine Block No. E3600 to E5206 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

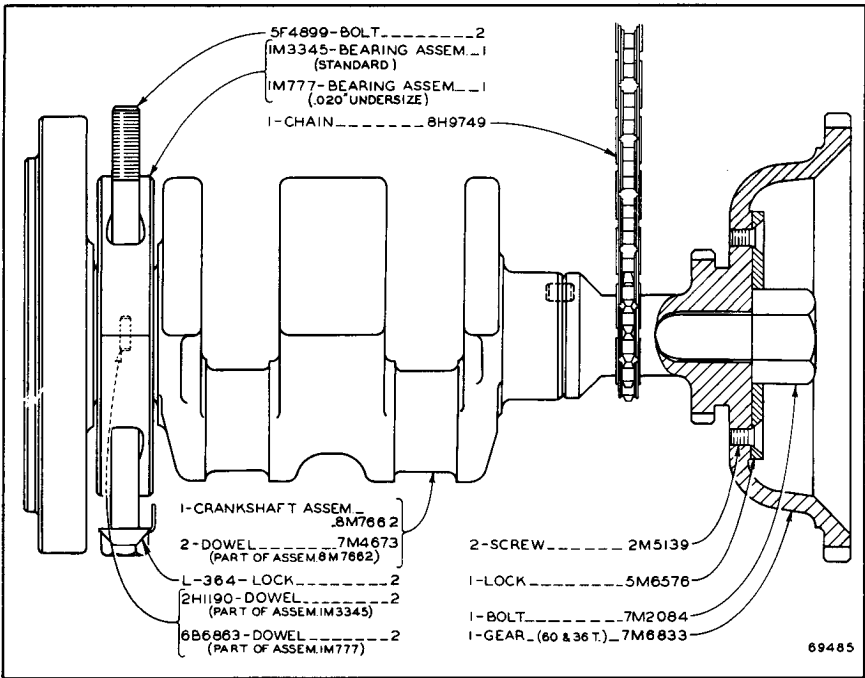


CYLINDER BLOCK AND COVERS—Part One
 Effective with Serial No. 53A3112—Up and Starting Engine Block No. E5207—Up
 Note: 7M1921 Starting Engine Gasket Kit is available



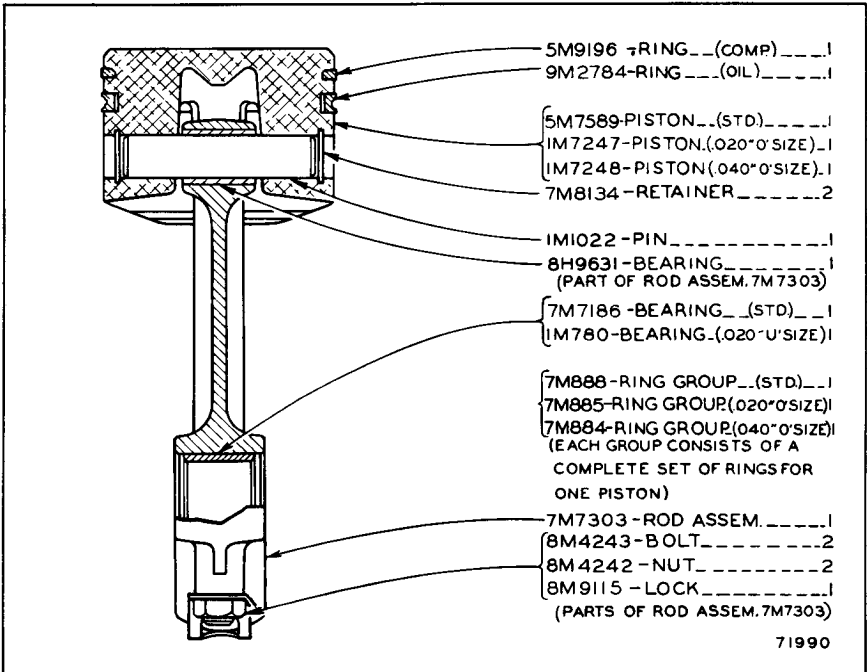
CYLINDER BLOCK AND COVERS—Part Two
 Effective with Serial No. 53A3112—Up and Starting Engine Block No. E5207—Up

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



CRANKSHAFT

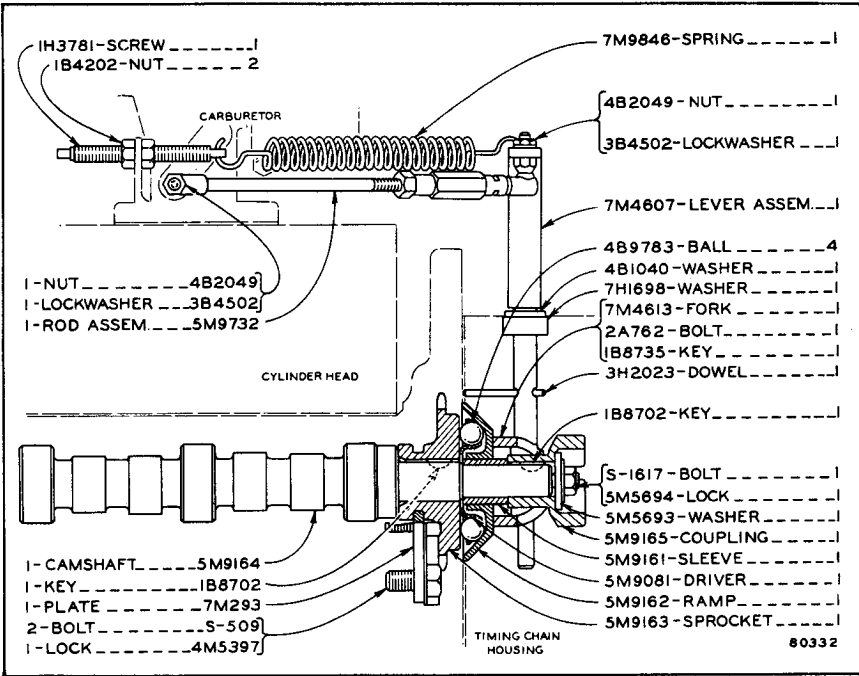
Effective with Starting Engine Block No. E3600—Up



CONNECTING ROD AND PISTON—2 Required

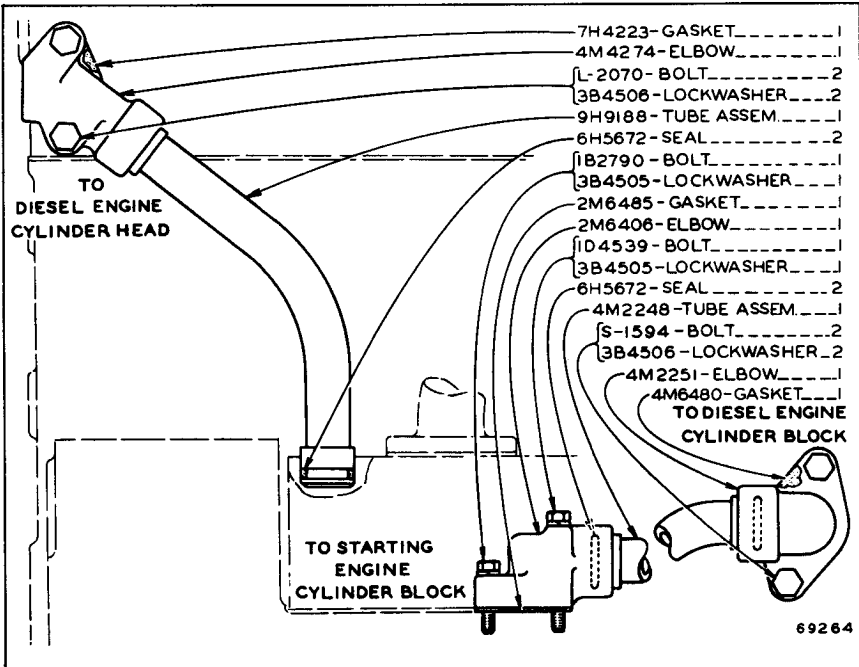
Effective with Starting Engine Block No. E3600—Up

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



CRANKSHAFT AND GOVERNOR

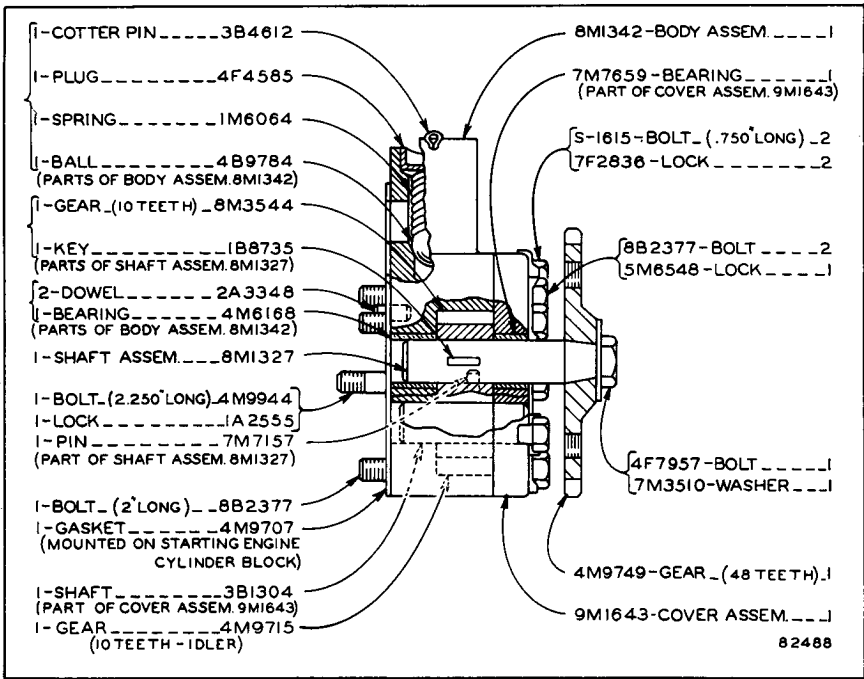
Effective with Starting Engine Block No. E3600—Up



9H3667 WATER LINES GROUP

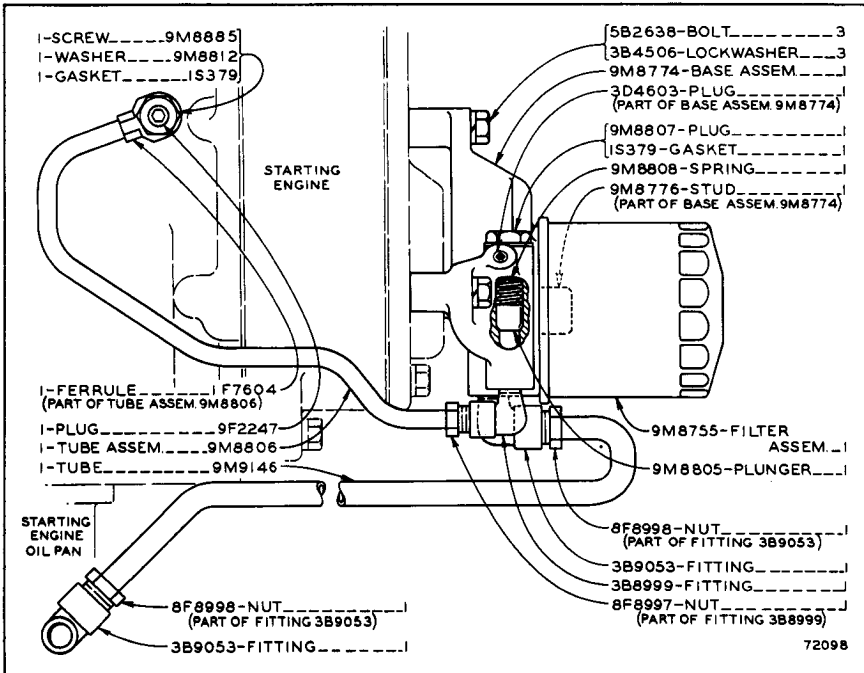
Effective with Starting Engine Block No. E3600—Up

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



8M1525 OIL PUMP GROUP

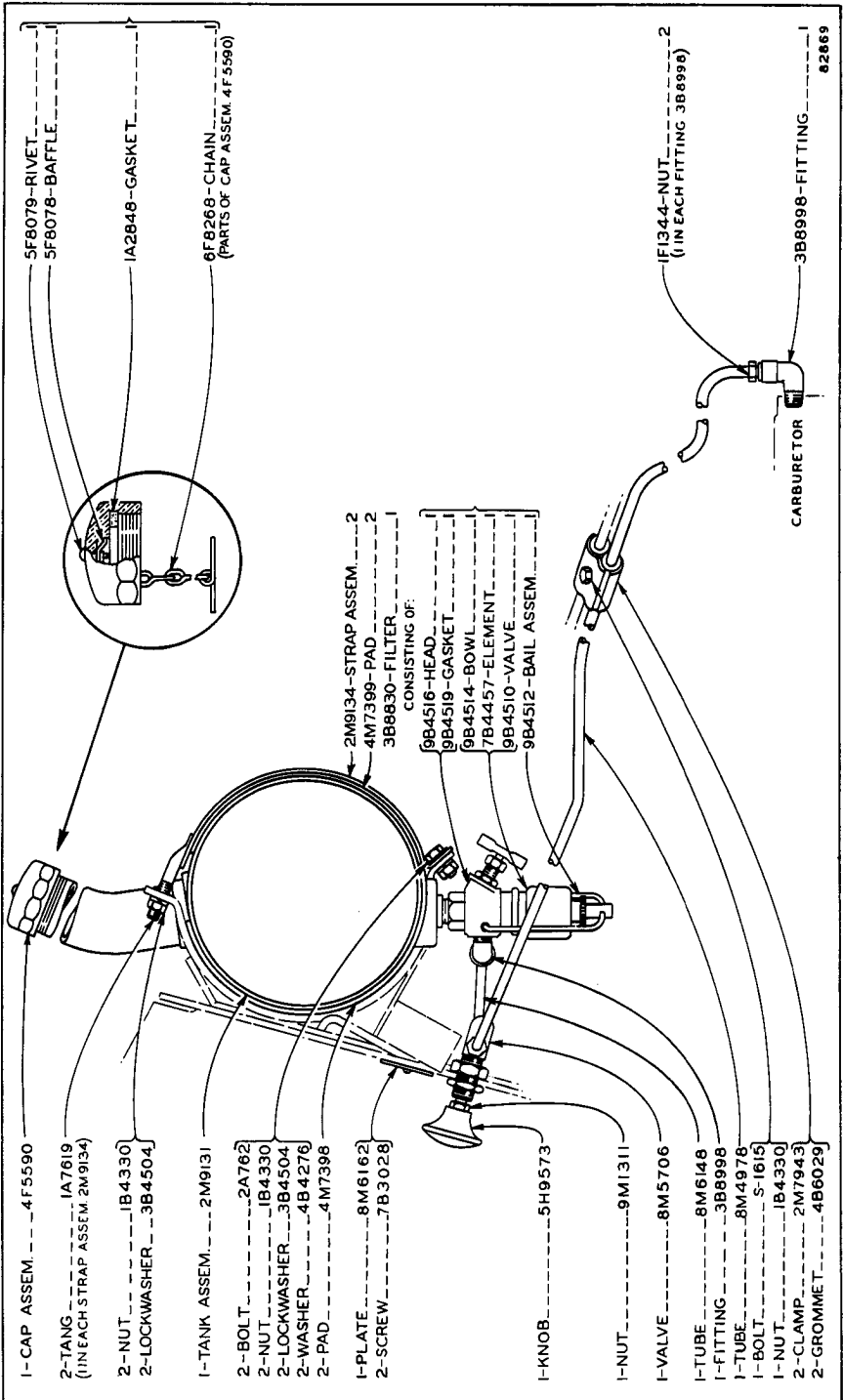
Effective with Starting Engine Block No. E3600—Up



9M9143 OIL FILTER GROUP

Effective with Serial No. 53A3112—Up and Starting Engine Block No. E5207—Up

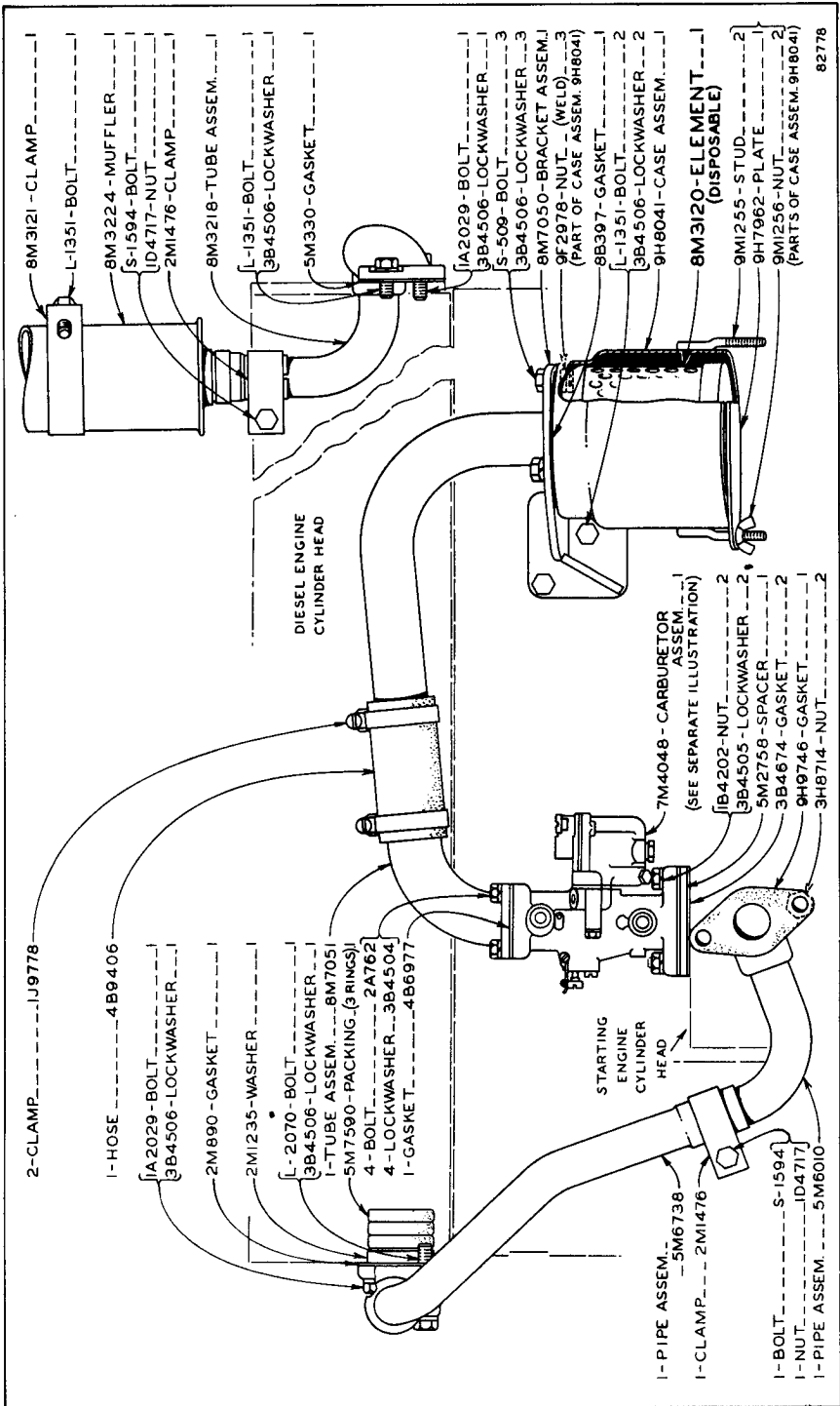
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2M7523 FUEL SYSTEM GROUP

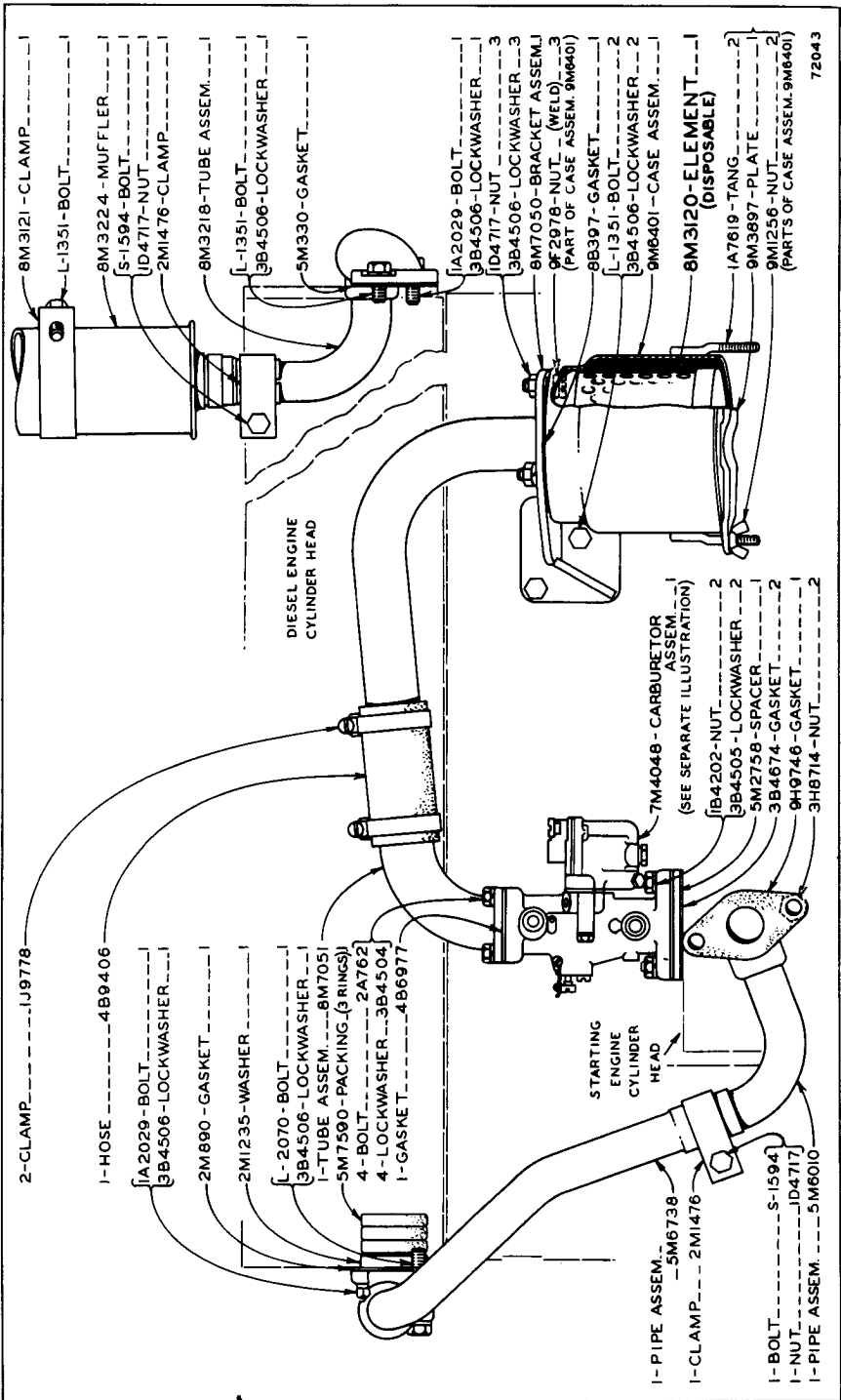
82869

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



8M3594 MANIFOLD, CARBURETOR AND AIR CLEANER GROUP

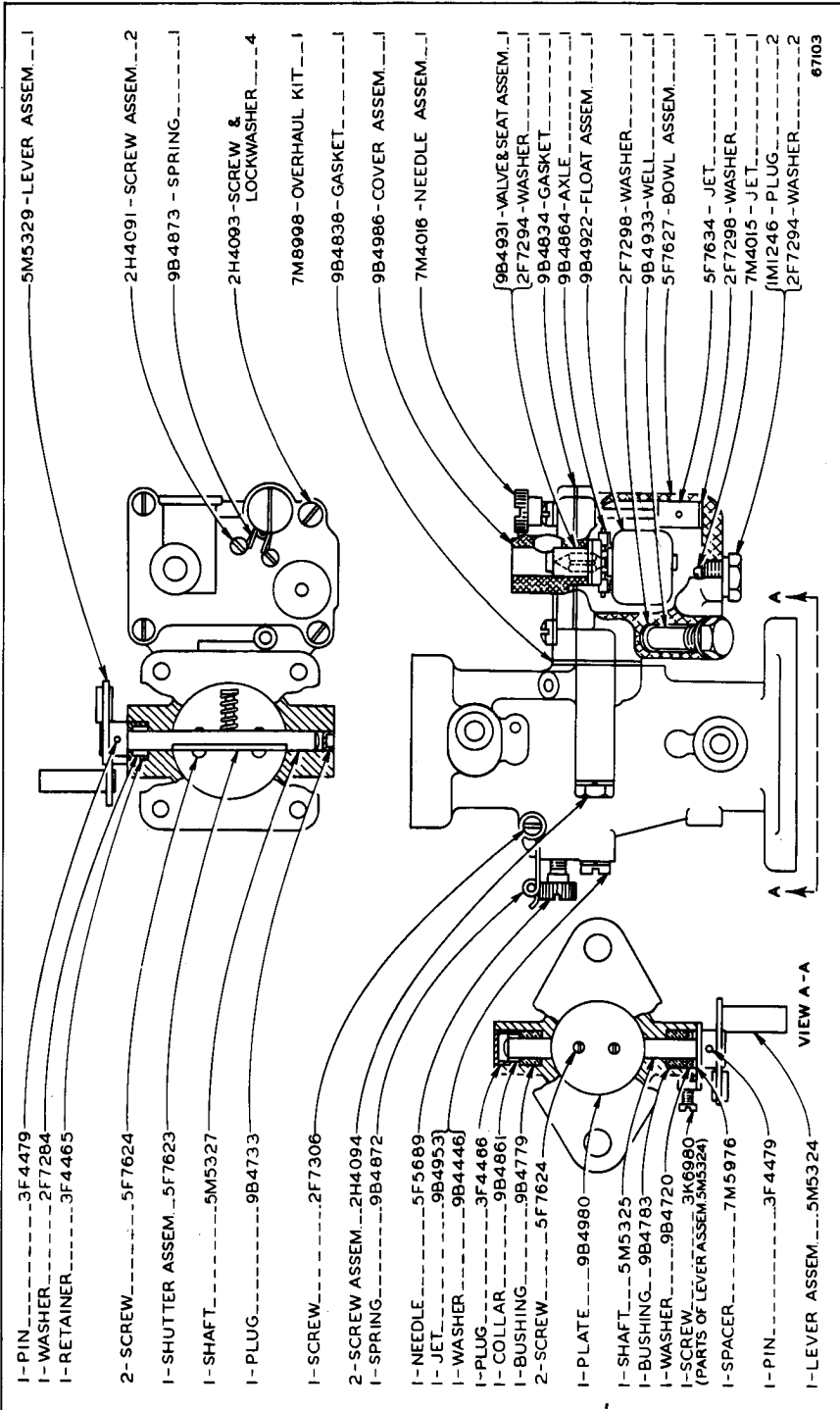
Serial No. 53A3000 to 53A3049 inclusive
 7M4048 Carburetor Assembly parts are shown on Page 56



8M3594 MANIFOLD, CARBURETOR AND AIR CLEANER GROUP

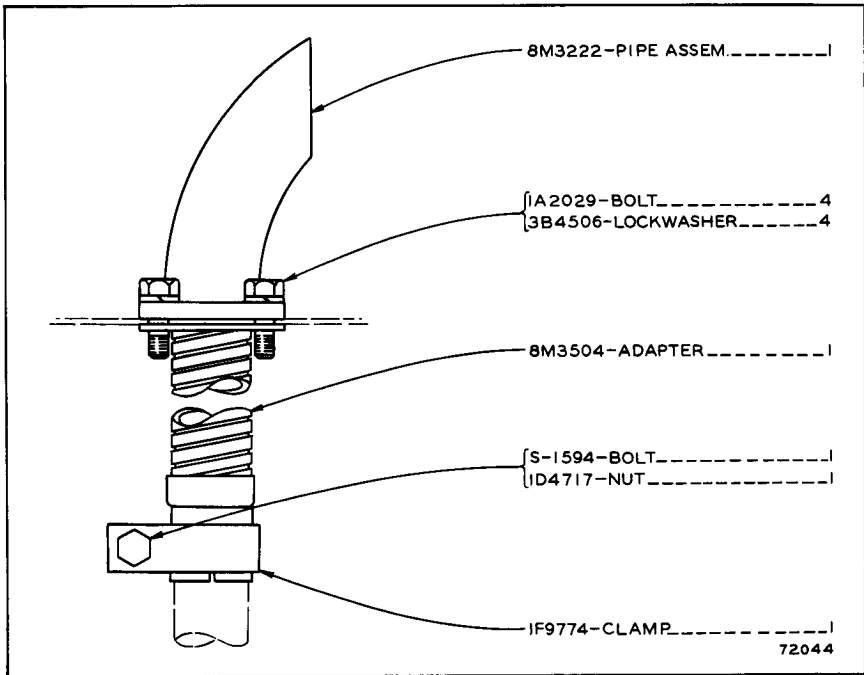
Effective with Serial No. 53A3050

7M4048 Carburetor Assembly parts are shown on Page 56

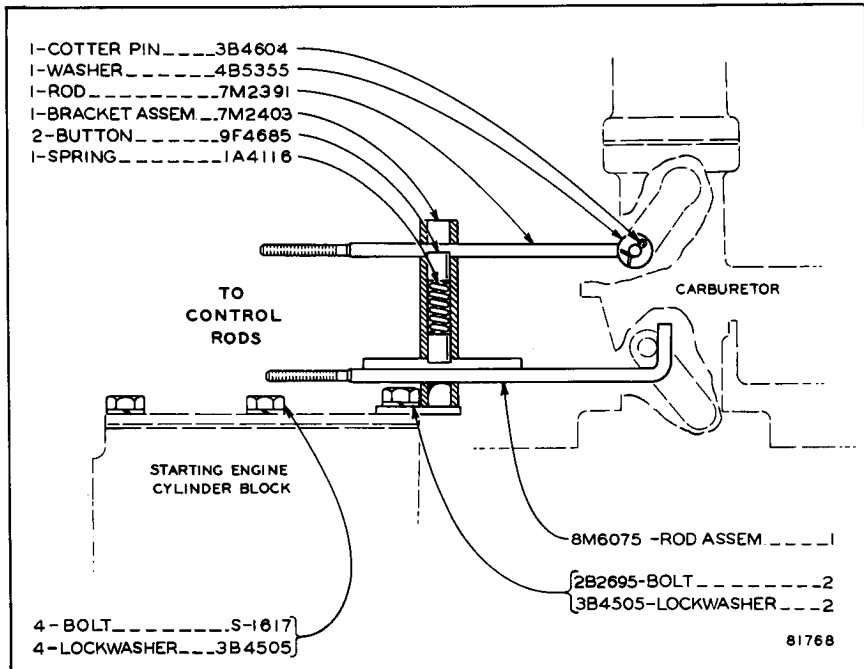


7M4048 CARBURETOR ASSEMBLY

Part of 8M3594 Manifold, Carburetor and Air Cleaner Group shown on Pages 54 and 55



8M3679 EXHAUST EXTENSION GROUP

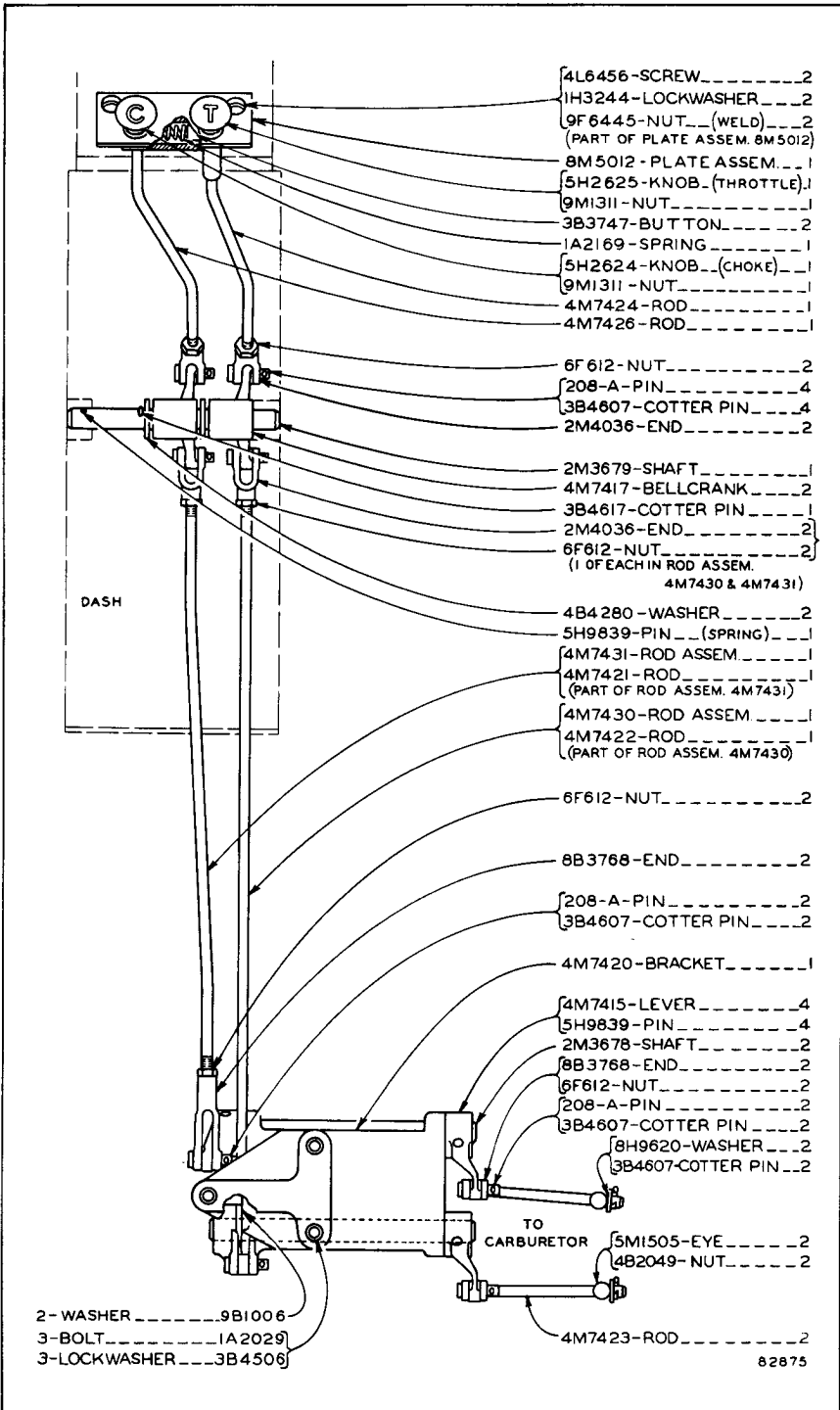


8M6091 CHOKE AND THROTTLE CONTROL GROUP

Effective with Starting Engine Block No. E3600—Up

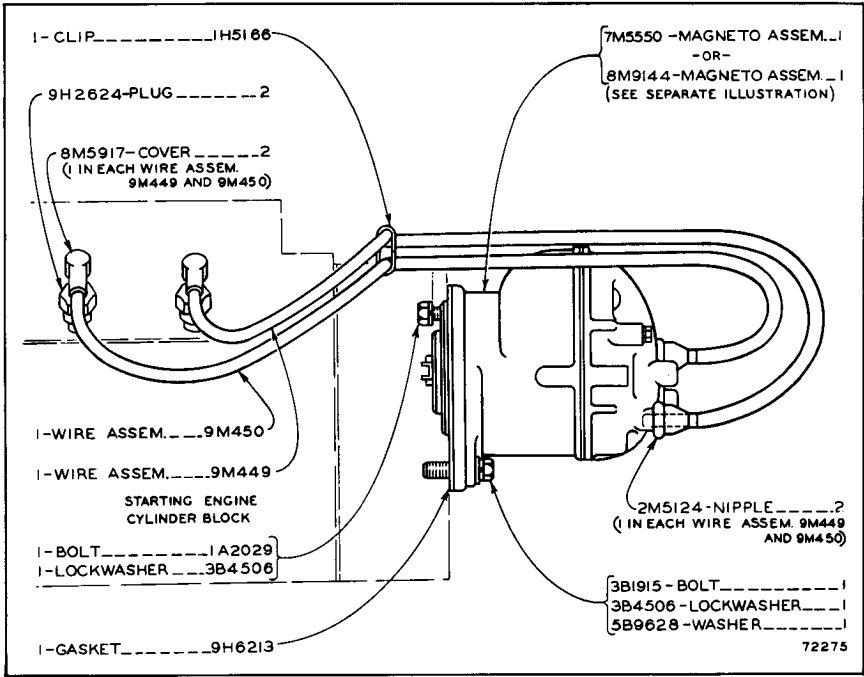
Refer also to Page 212 for special parts

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



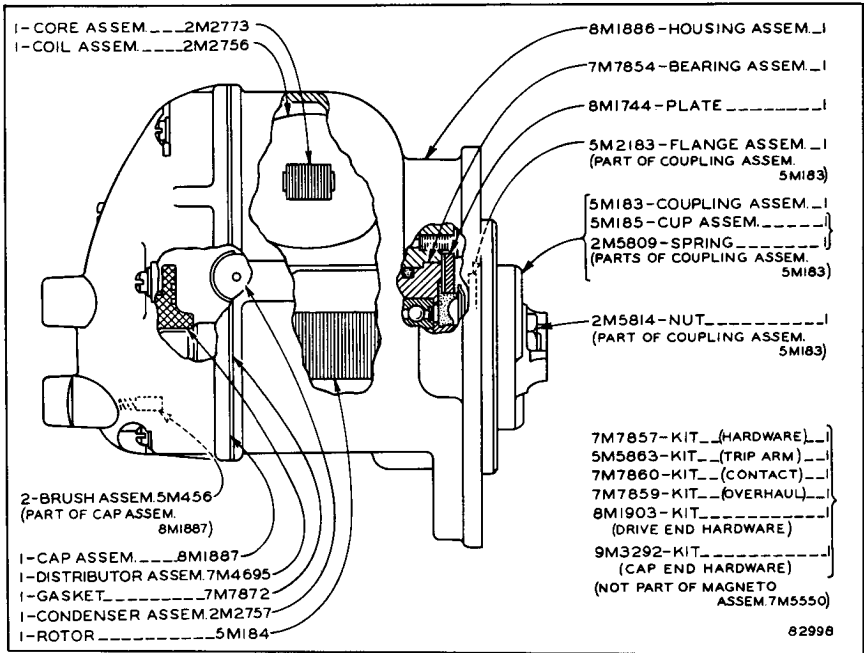
4M7429 CHOKE AND THROTTLE CONTROL GROUP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4M5340 IGNITION SYSTEM GROUP

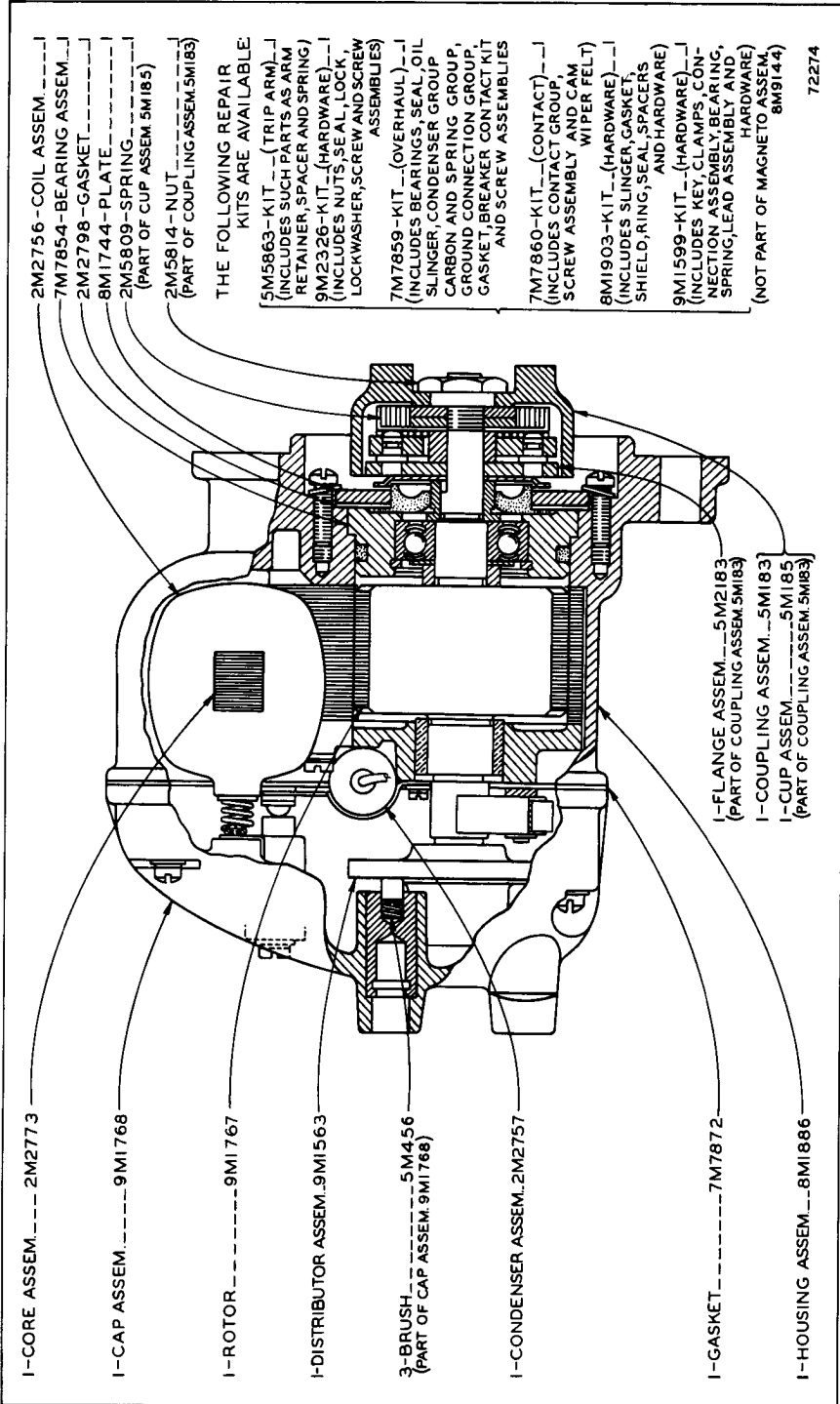
Effective with Starting Engine Block No. E3600—Up
 8M9144 Magneto Assembly parts are shown on Page 60



7M5550 MAGNETO ASSEMBLY

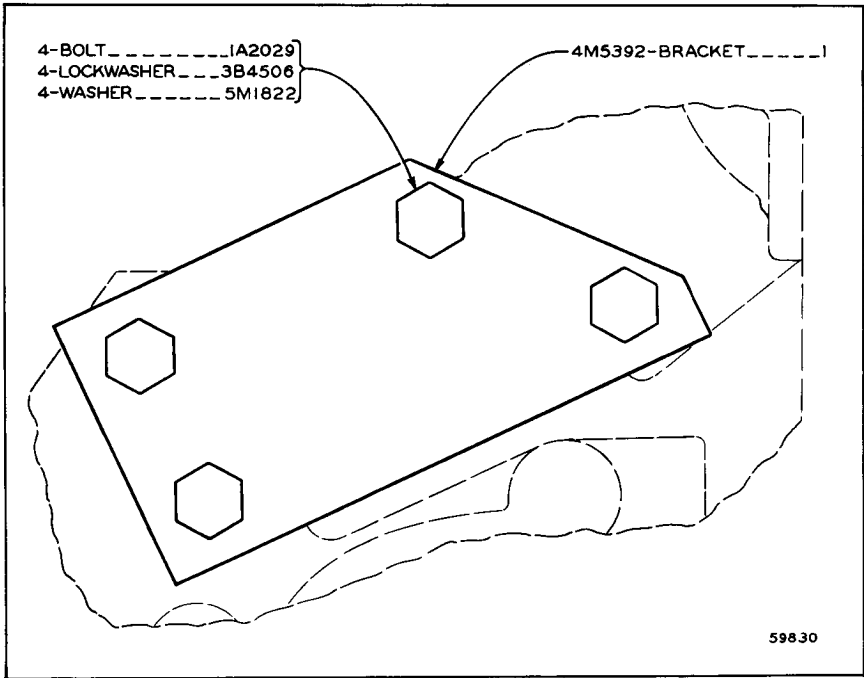
Part of 4M5340 Ignition System Group

Only separate parts serviced. When complete Assembly is required order 8M9144 shown on Page 60



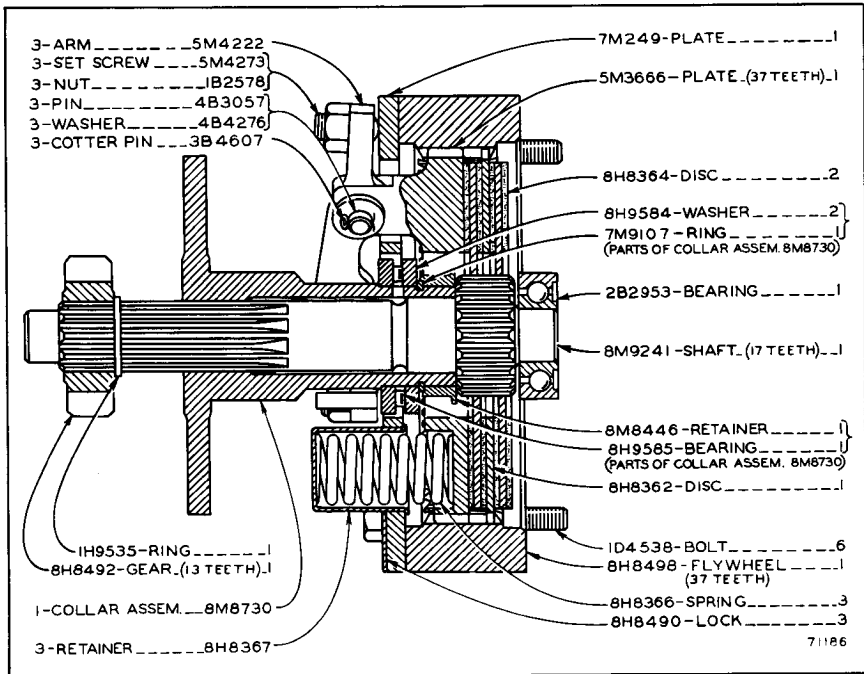
8M9144 MAGNETO ASSEMBLY

Part of 4M5340 Ignition System Group shown on Page 59



SUPPORT

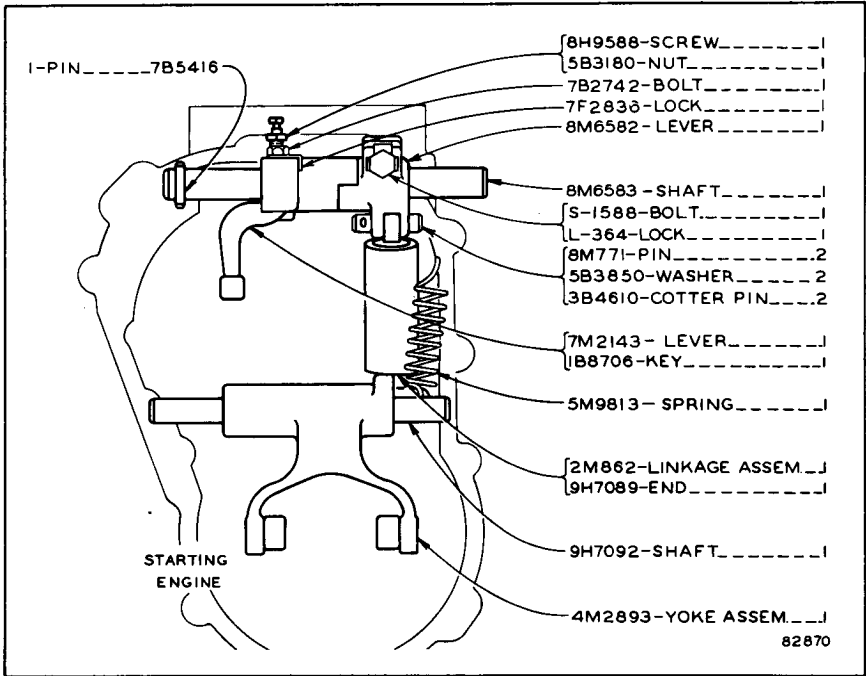
Effective with Starting Engine Block No. E3600—Up



2M6644 CLUTCH AND BRAKE GROUP

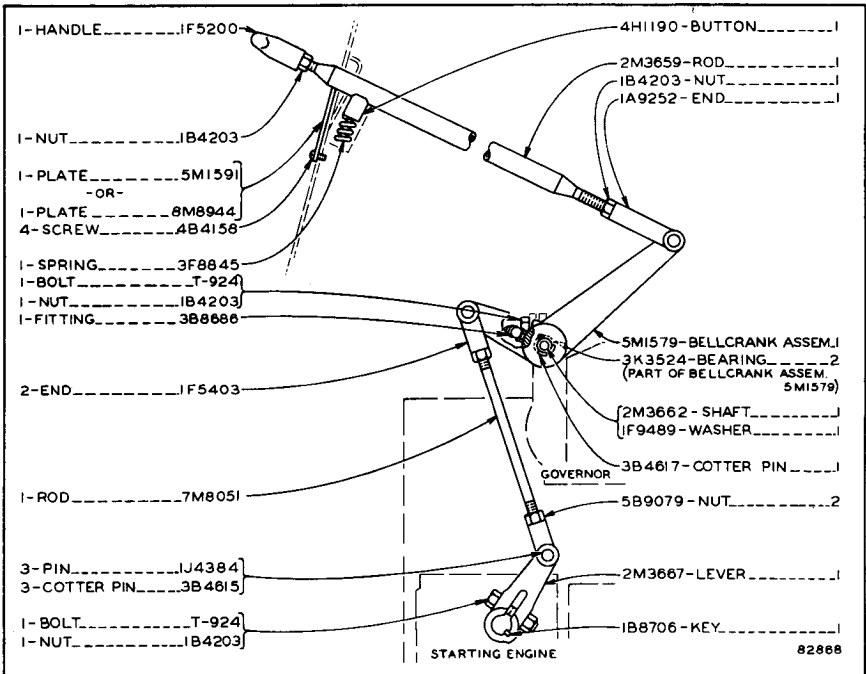
Effective with Starting Engine Block No. E3600—Up

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



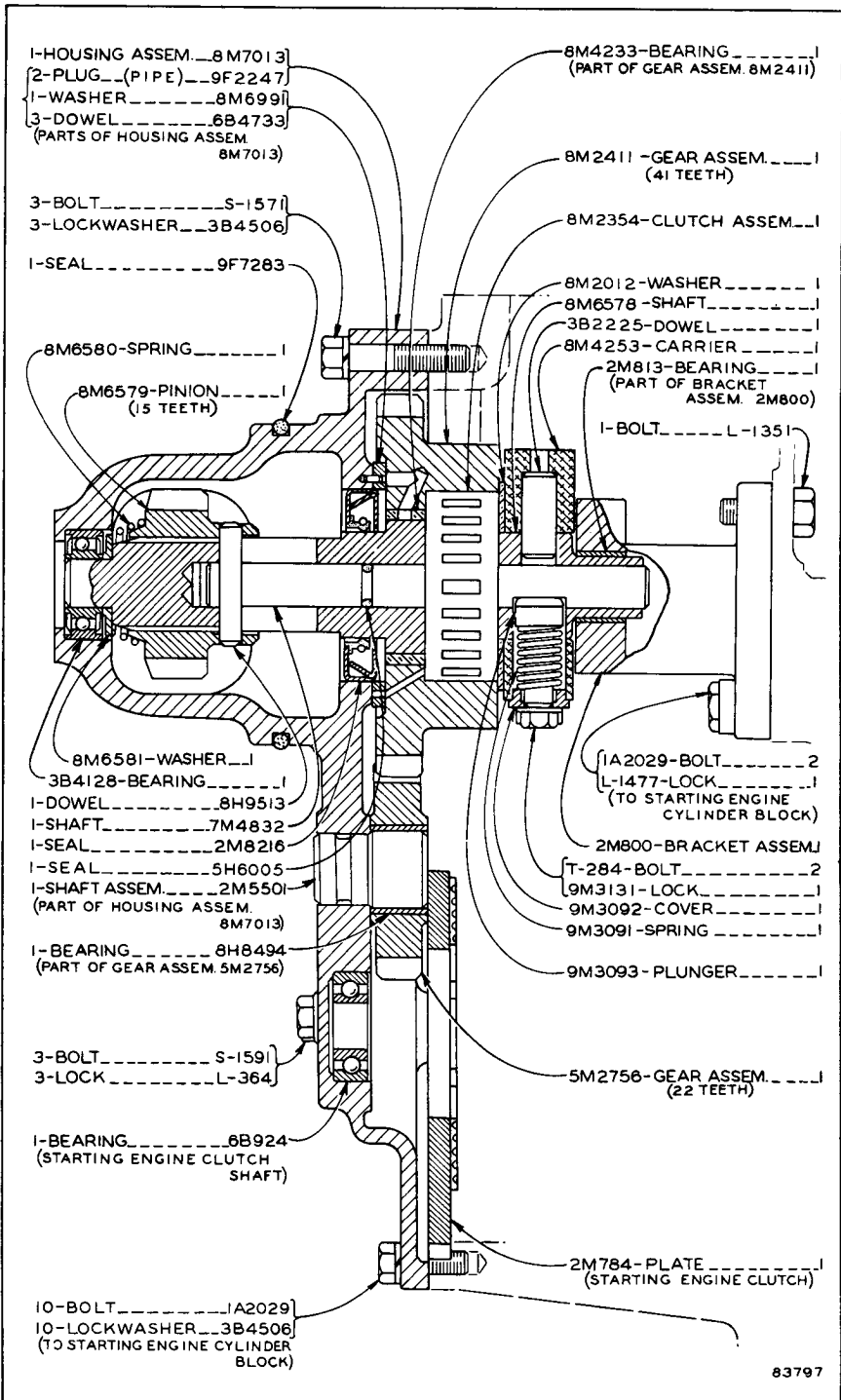
IM53 CLUTCH, PINION AND BRAKE CONTROL GROUP

Effective with Starting Engine Block No. E3600—Up



2M3701 CLUTCH AND PINION CONTROL GROUP

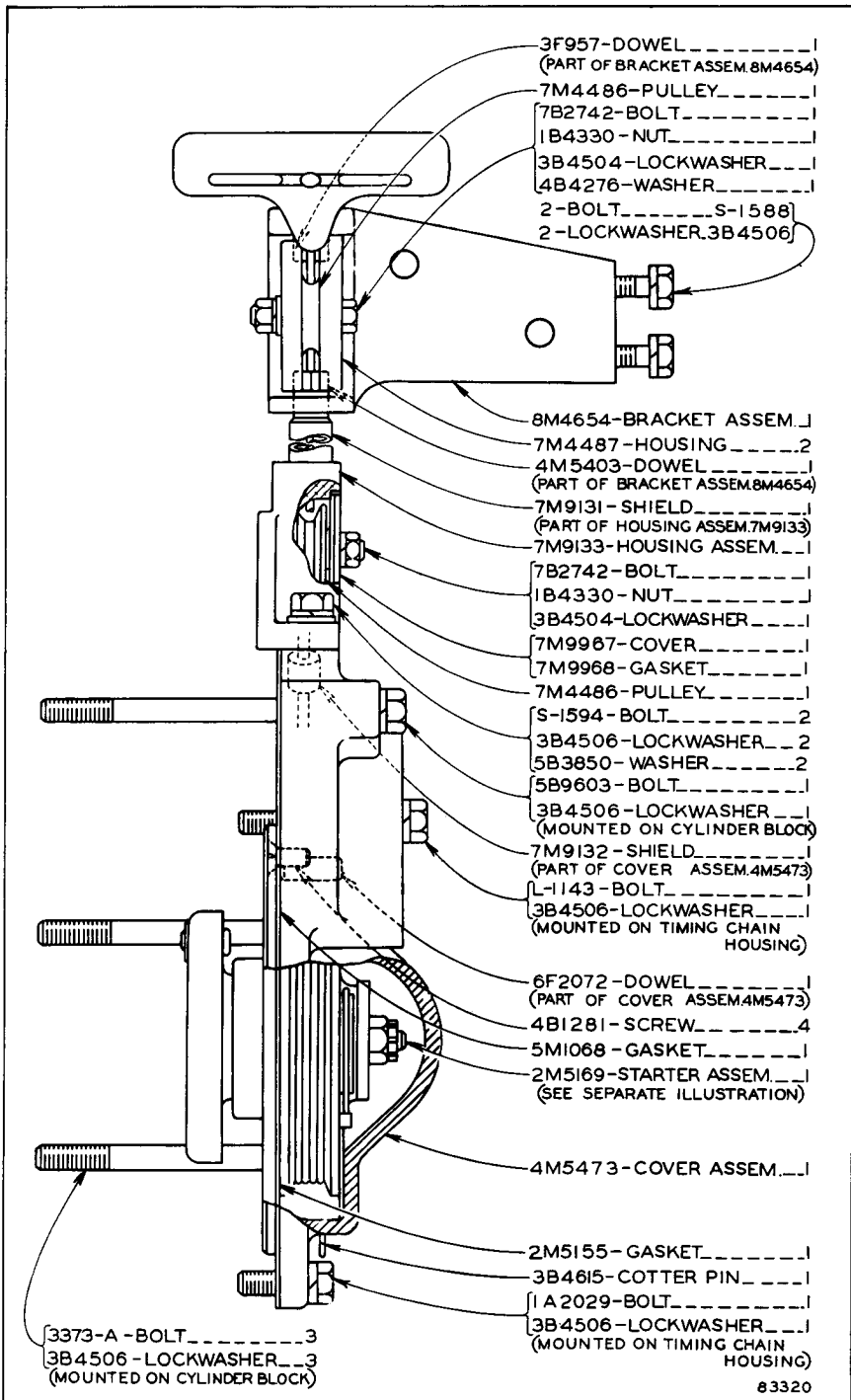
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



83797

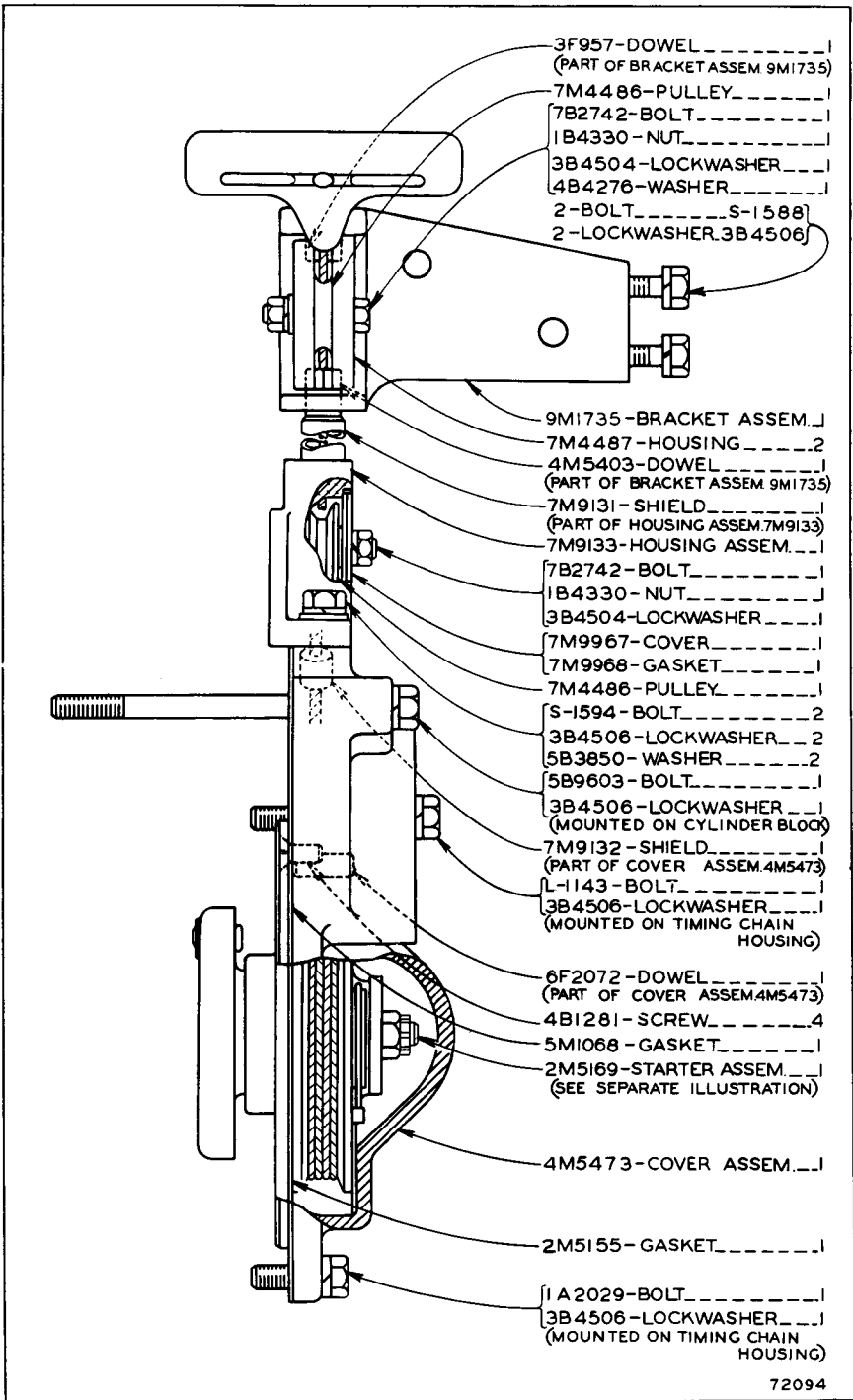
4M4350 STARTER PINION GROUP
 Effective with Starting Engine Block No. E3600—Up

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

**4M5541 RECOIL STARTER GROUP**

Serial No. 53A3000 to 53A3111 inclusive. Starting Engine Block No. E3600 to E5206 inclusive
2M5169 Recoil Starter Assembly parts are shown on Page 66

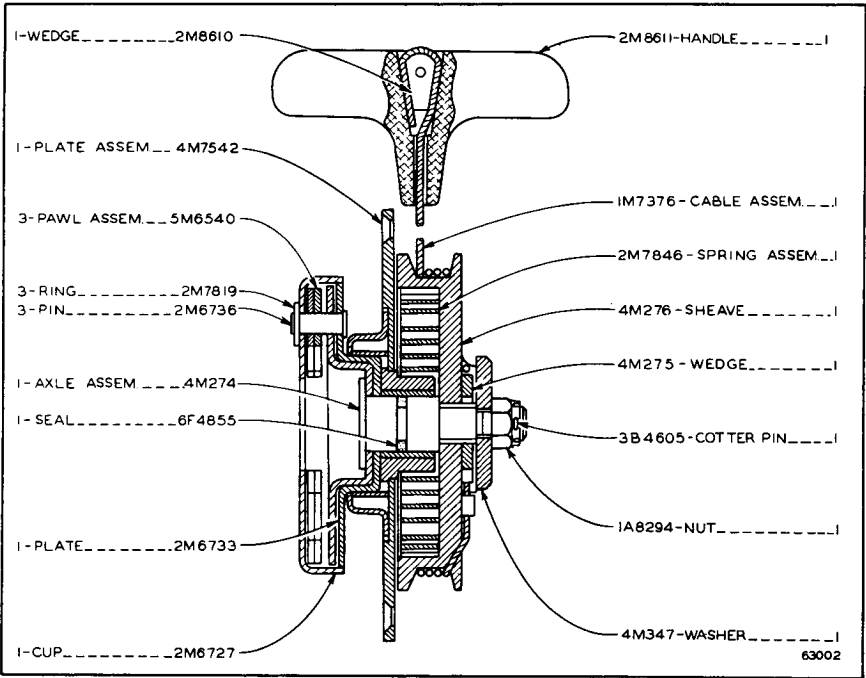
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



9M9135 RECOIL STARTER GROUP

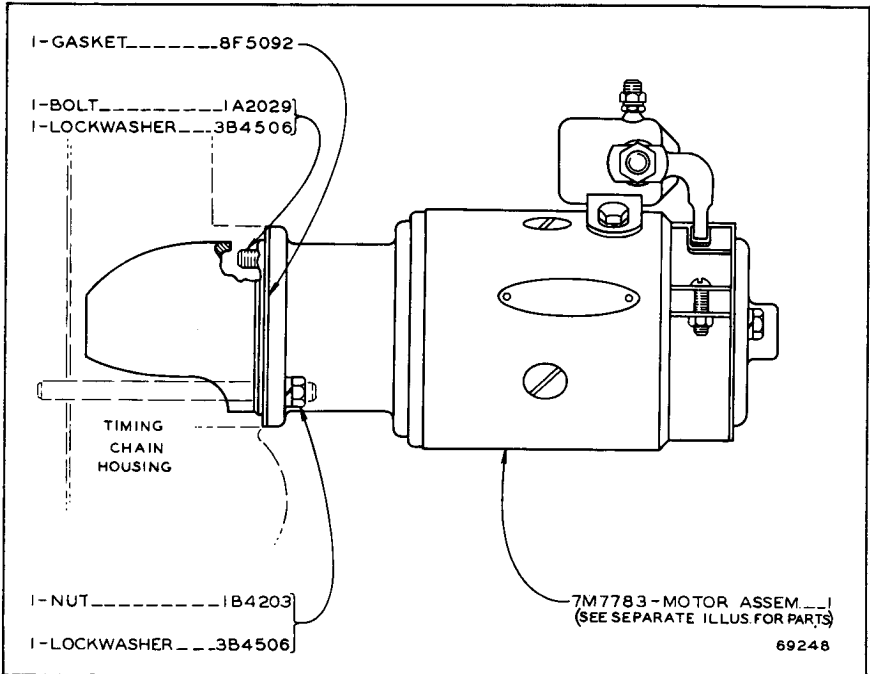
Effective with Serial No. 53A3112—Up and Starting Engine Block No. E5207—Up
2M5169 Recoil Starter Assembly parts are shown on Page 66

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



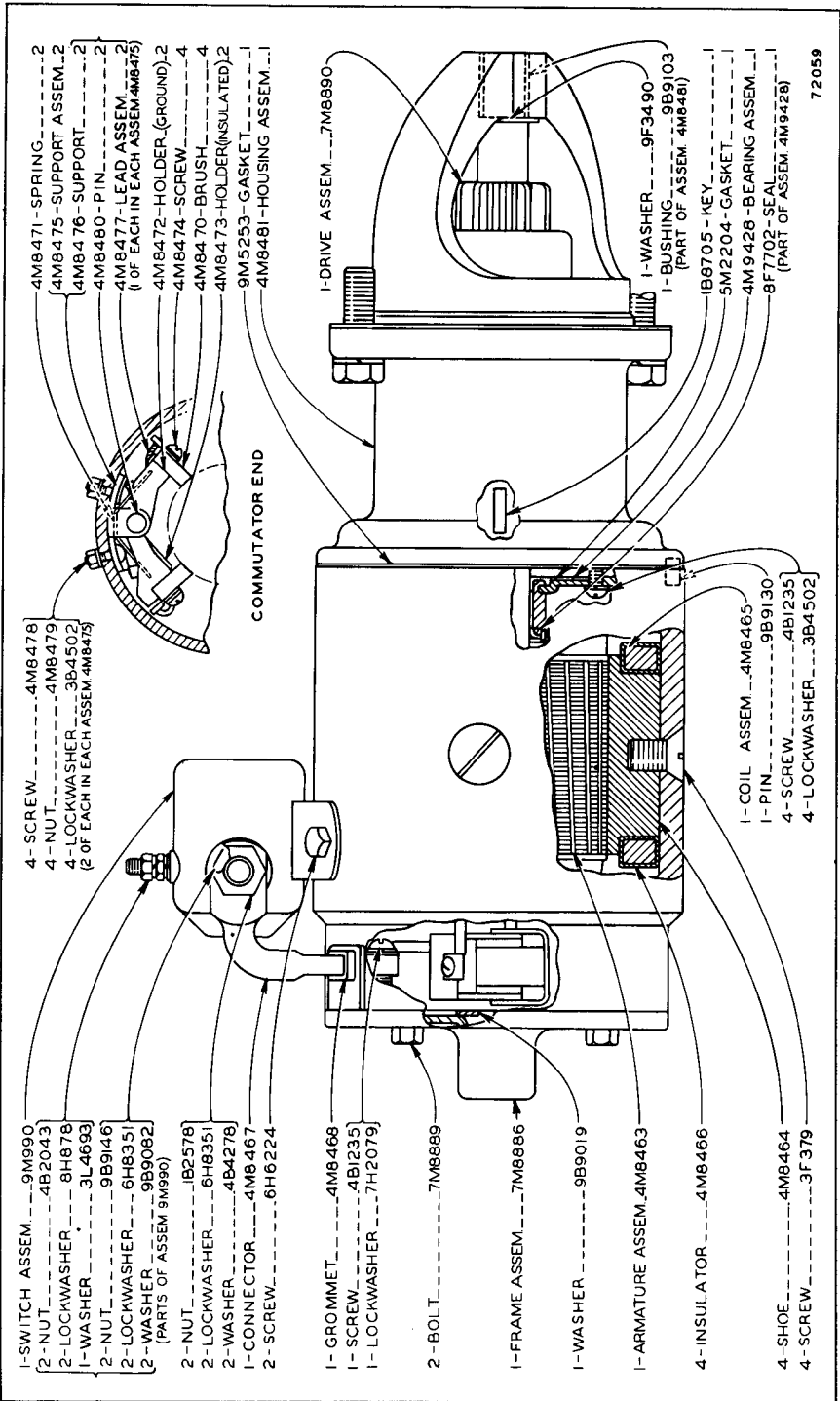
2M5169 RECOIL STARTER ASSEMBLY

Part of 4M5541 and 9M9135 Recoil Starter Groups shown on Pages 64 and 65

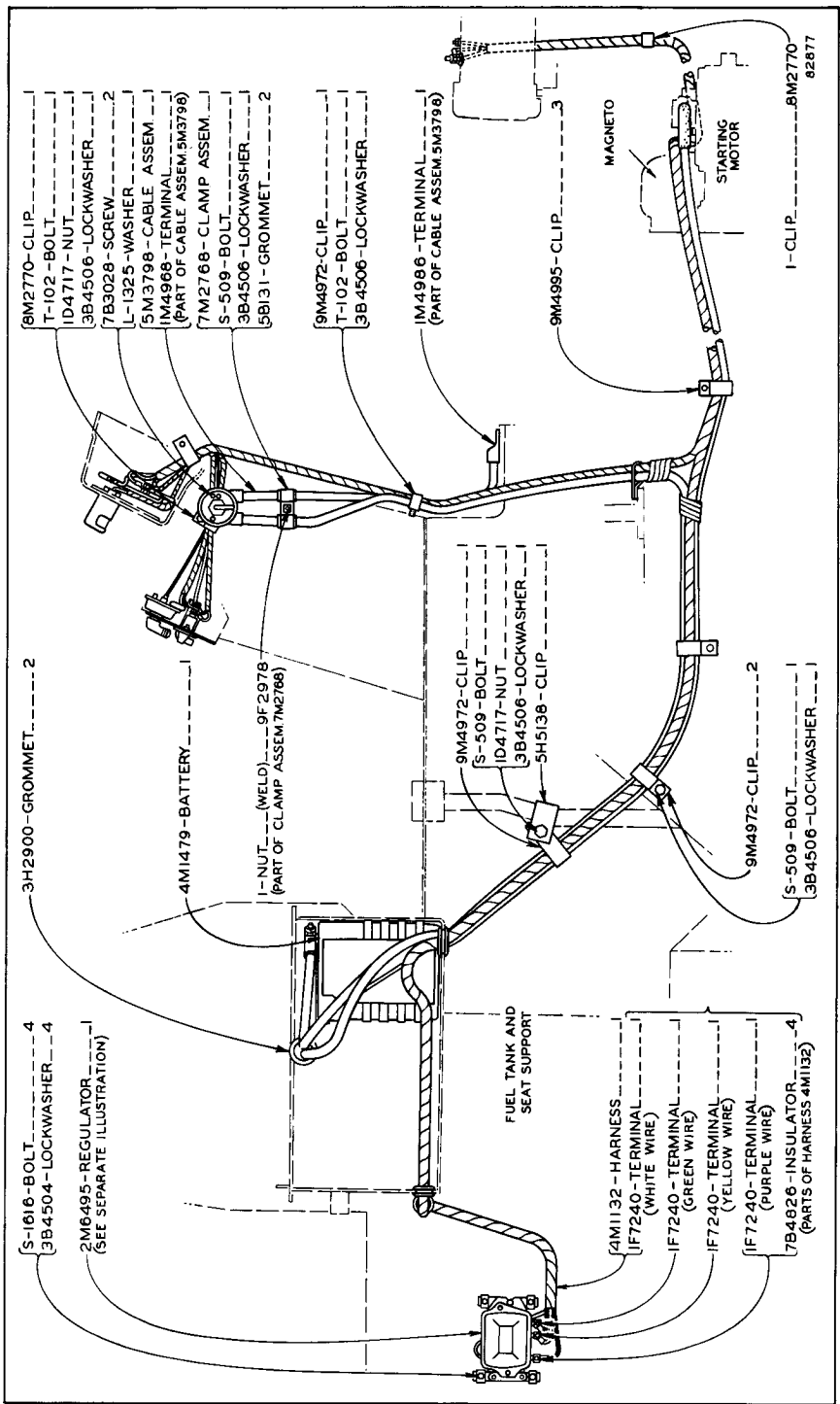


9H3675 ELECTRIC STARTER GROUP—12 Volt
Effective with Starting Engine Block No. E3600—Up

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

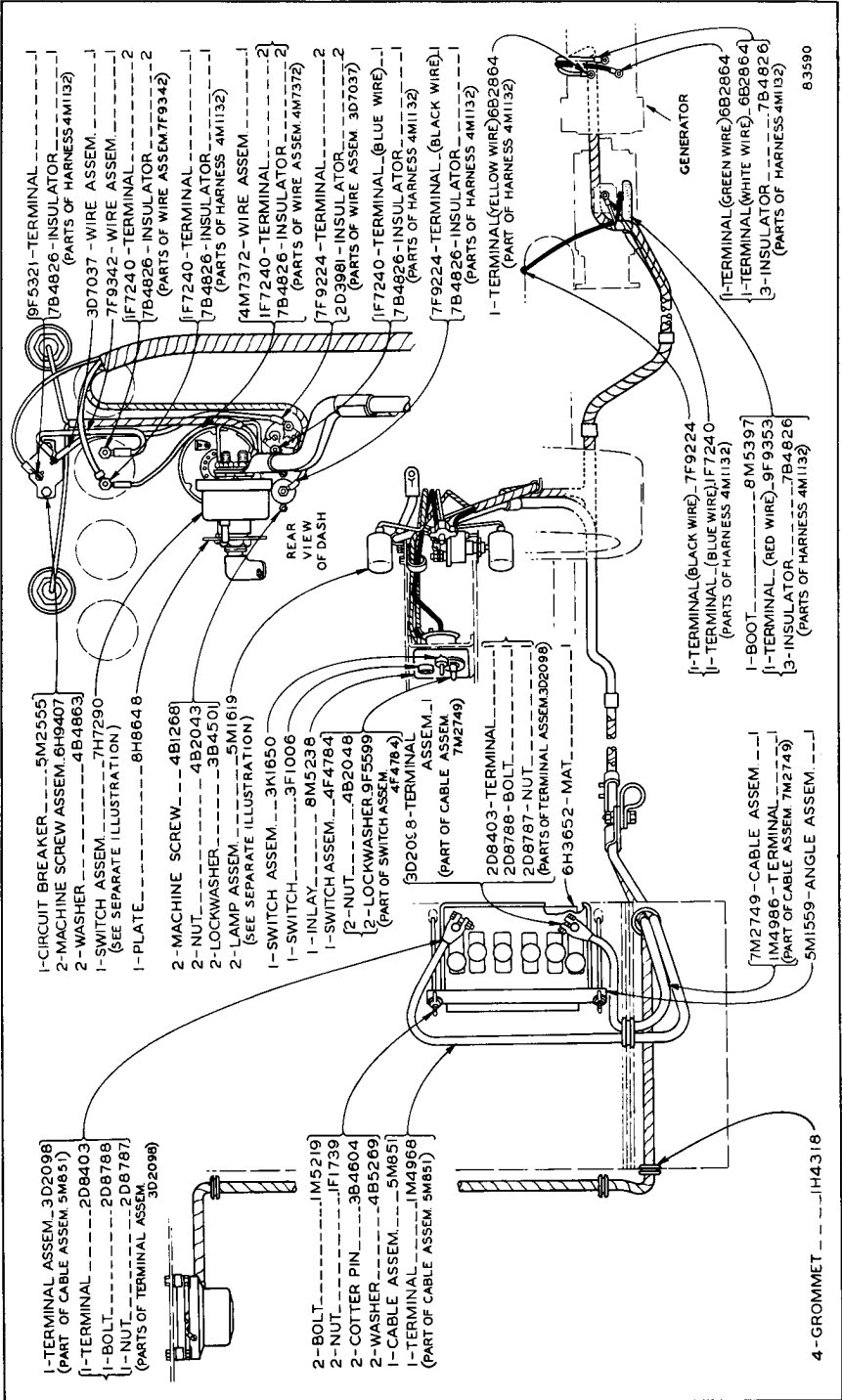


ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

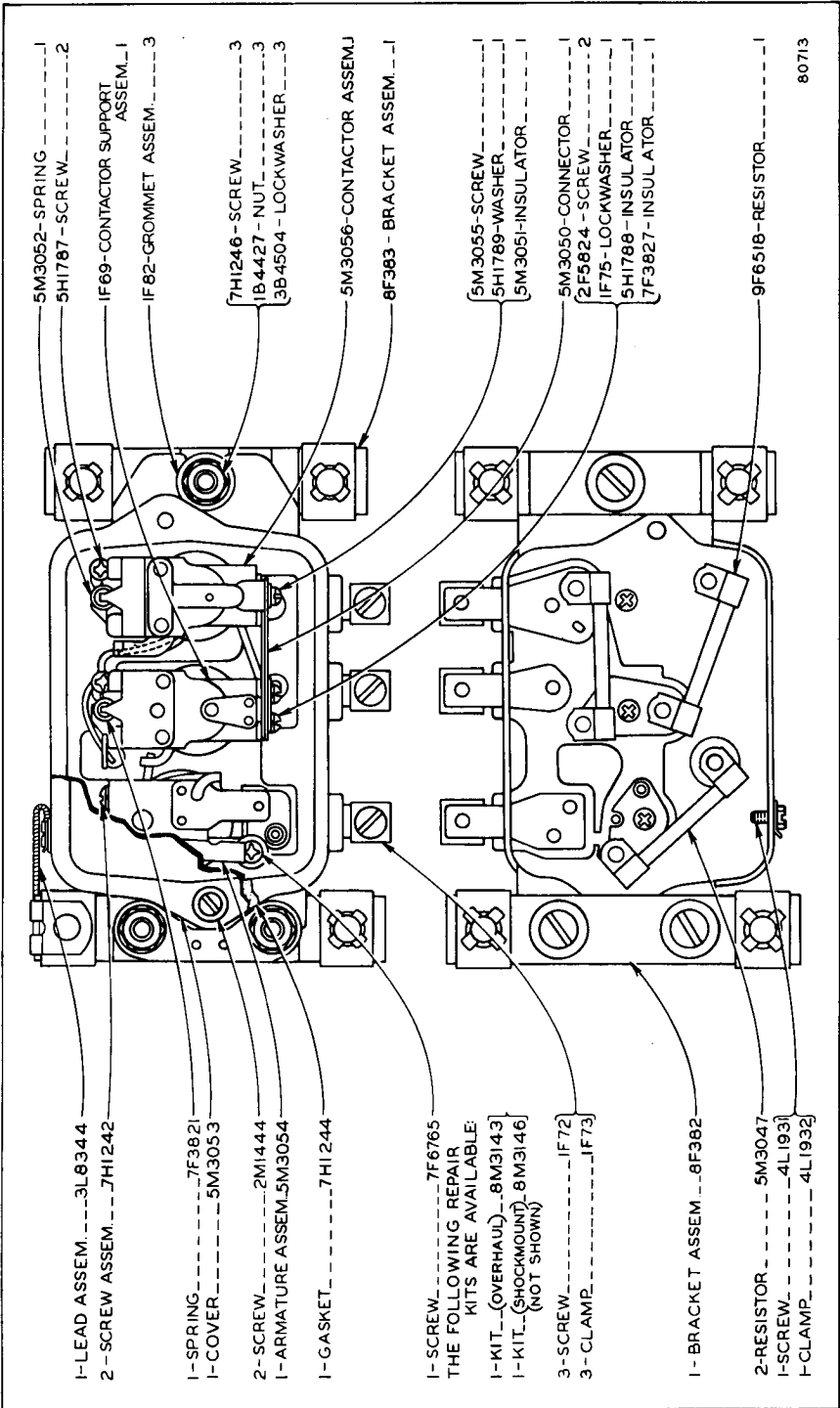


BATTERY AND WIRING—12 Volt—Side View
 2M6495 Regulator Assembly parts are shown on Page 70
 Refer also to Page 131 for special parts

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

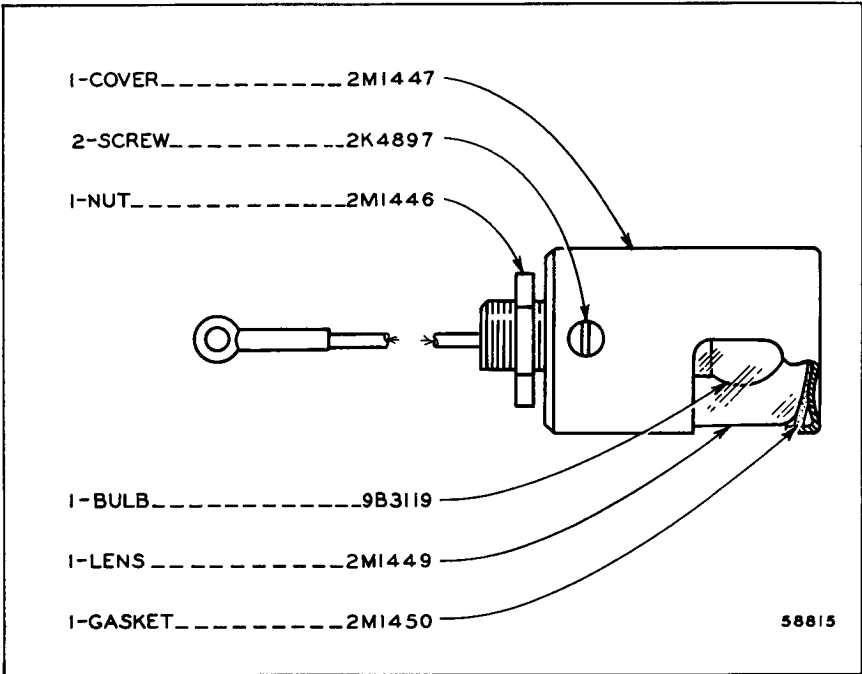


BATTERY AND WIRING—12 Volt—Top View
5M1619 Dash Lamp Assembly and 7H7290 Disconnect Switch Assembly parts are shown on Page 71
Refer also to Page 131 for special parts

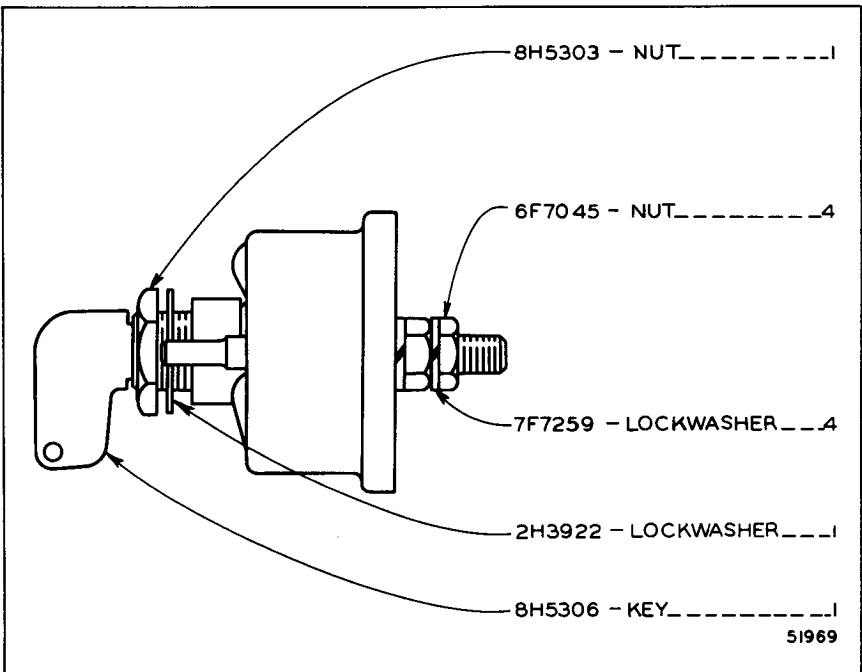


80713

2M6495 REGULATOR ASSEMBLY—12 Volt, 24 Ampere
Part of Battery and Wiring shown on Page 68



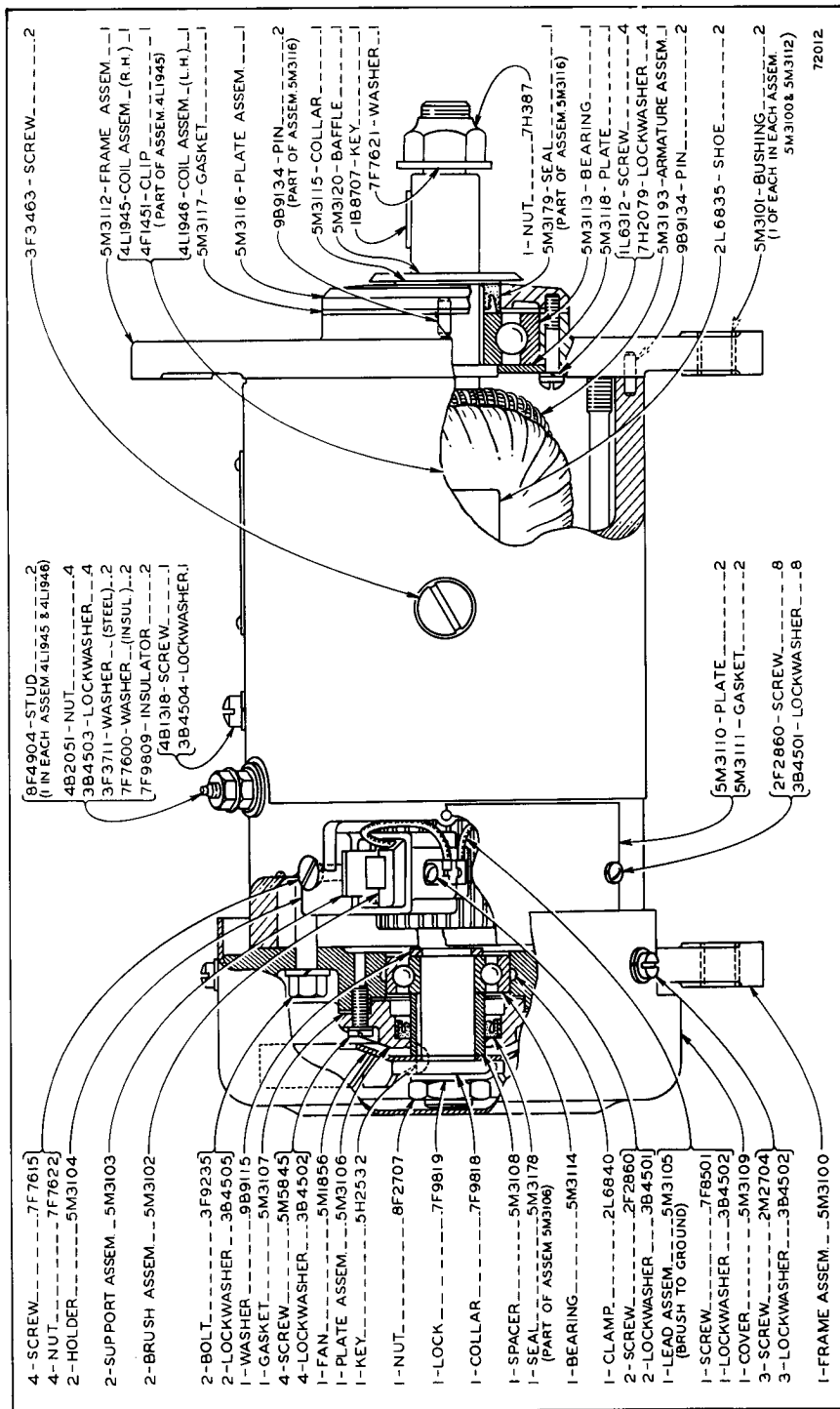
5M1619 DASH LAMP ASSEMBLY—12 Volt
Part of Battery and Wiring shown on Page 69



7H7290 DISCONNECT SWITCH ASSEMBLY

Part of Battery and Wiring & 8M4967 Battery and Wiring Group shown on Pages 69 and 138

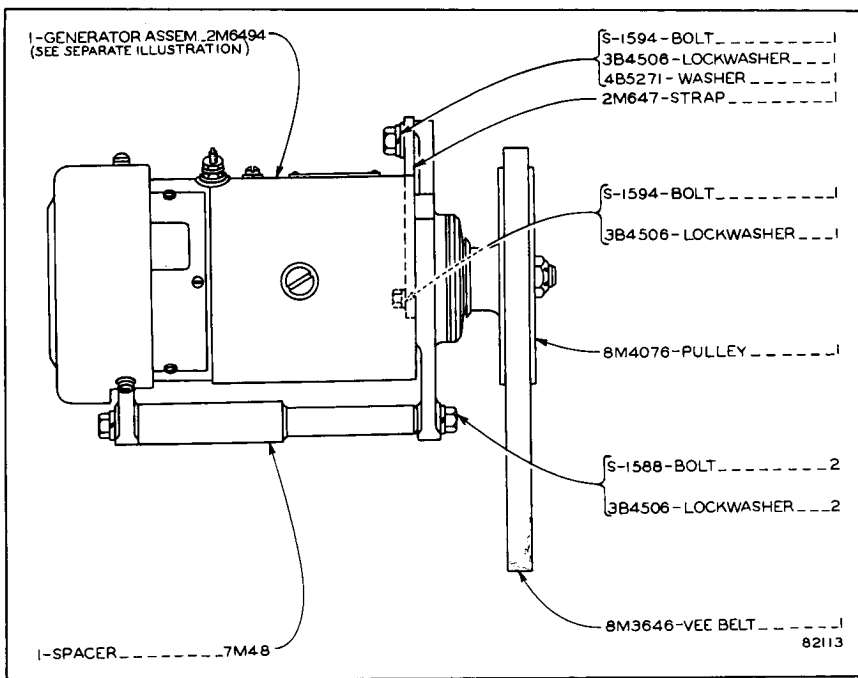
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



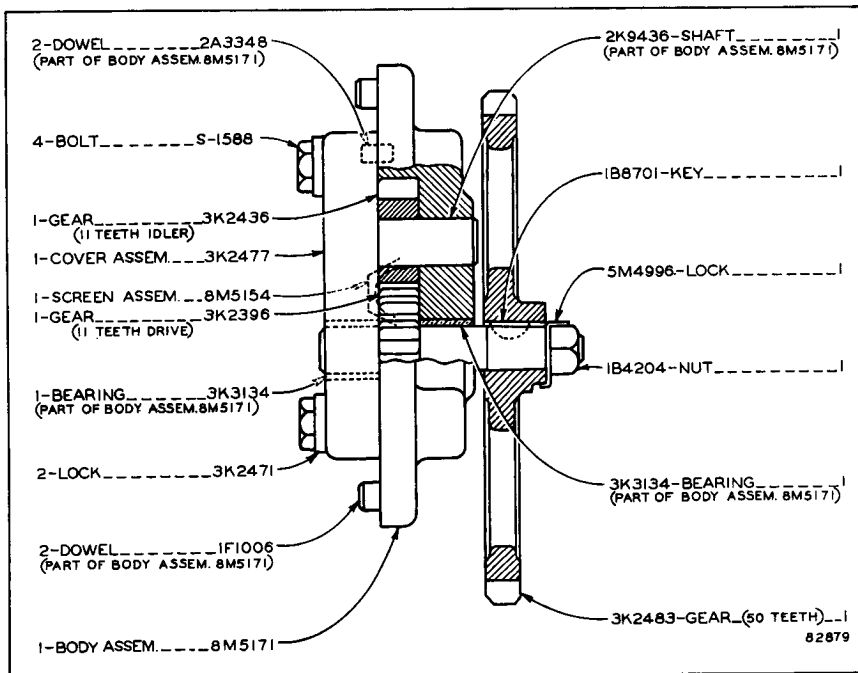
72012

2M6494 GENERATOR ASSEMBLY—12 Volt, 24 Ampere
Part of Generator.

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

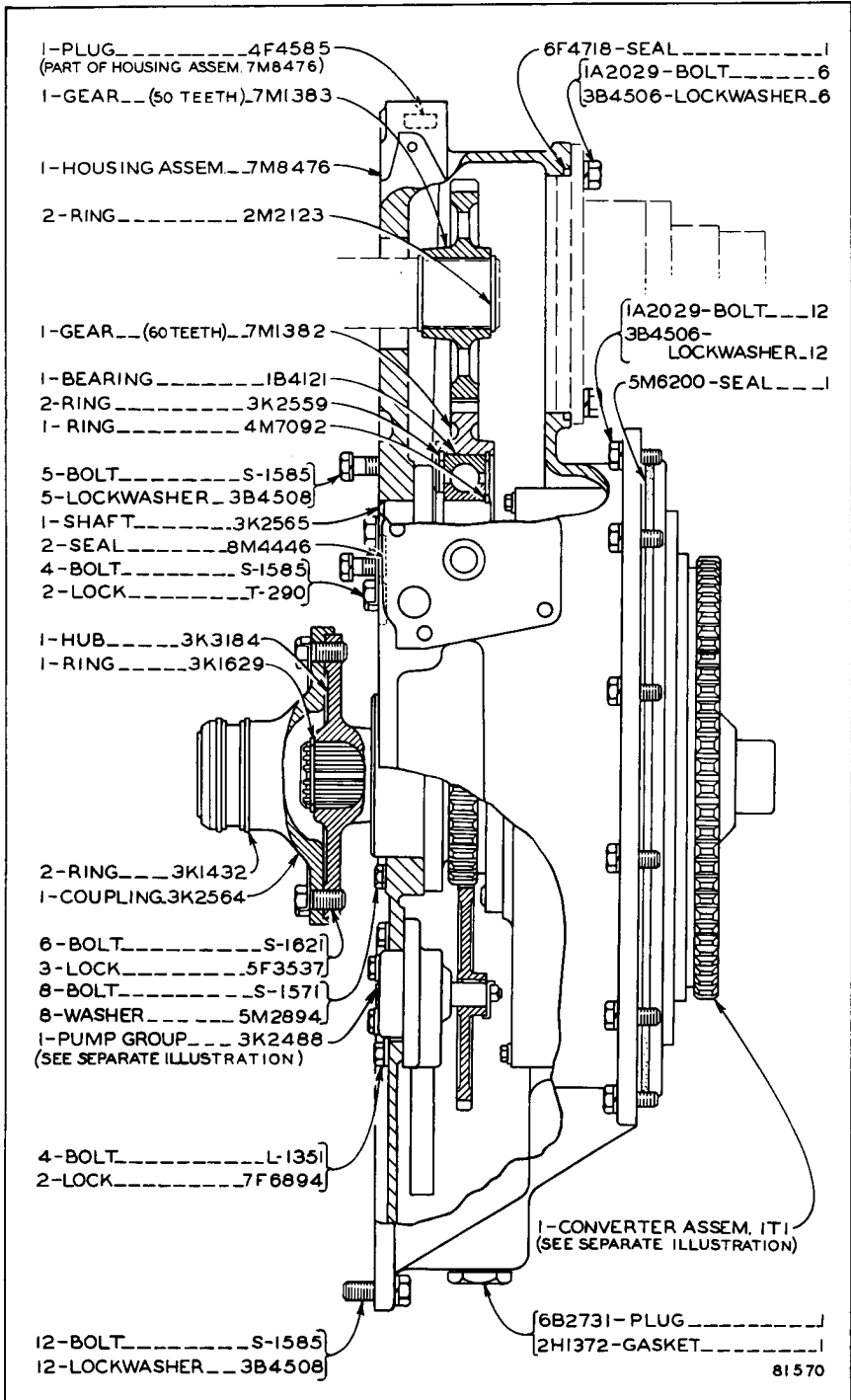


GENERATOR—12 Volt, 24 Ampere
Refer also to Page 131 for special parts



3K2488 SCAVENGE PUMP GROUP
Part of Torque Converter shown on Page 74

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

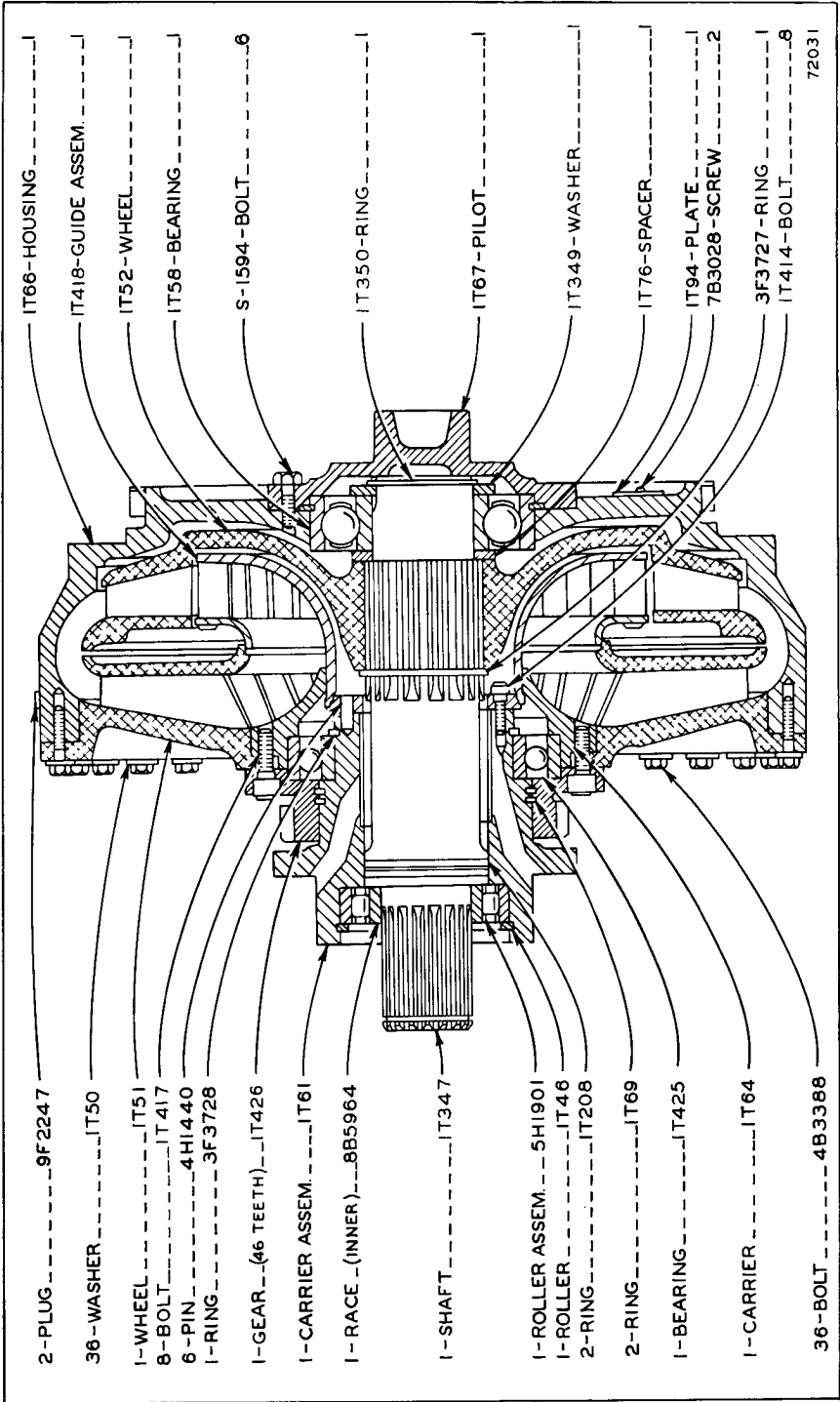


TORQUE CONVERTER

Effective with Test No. 7747—Up

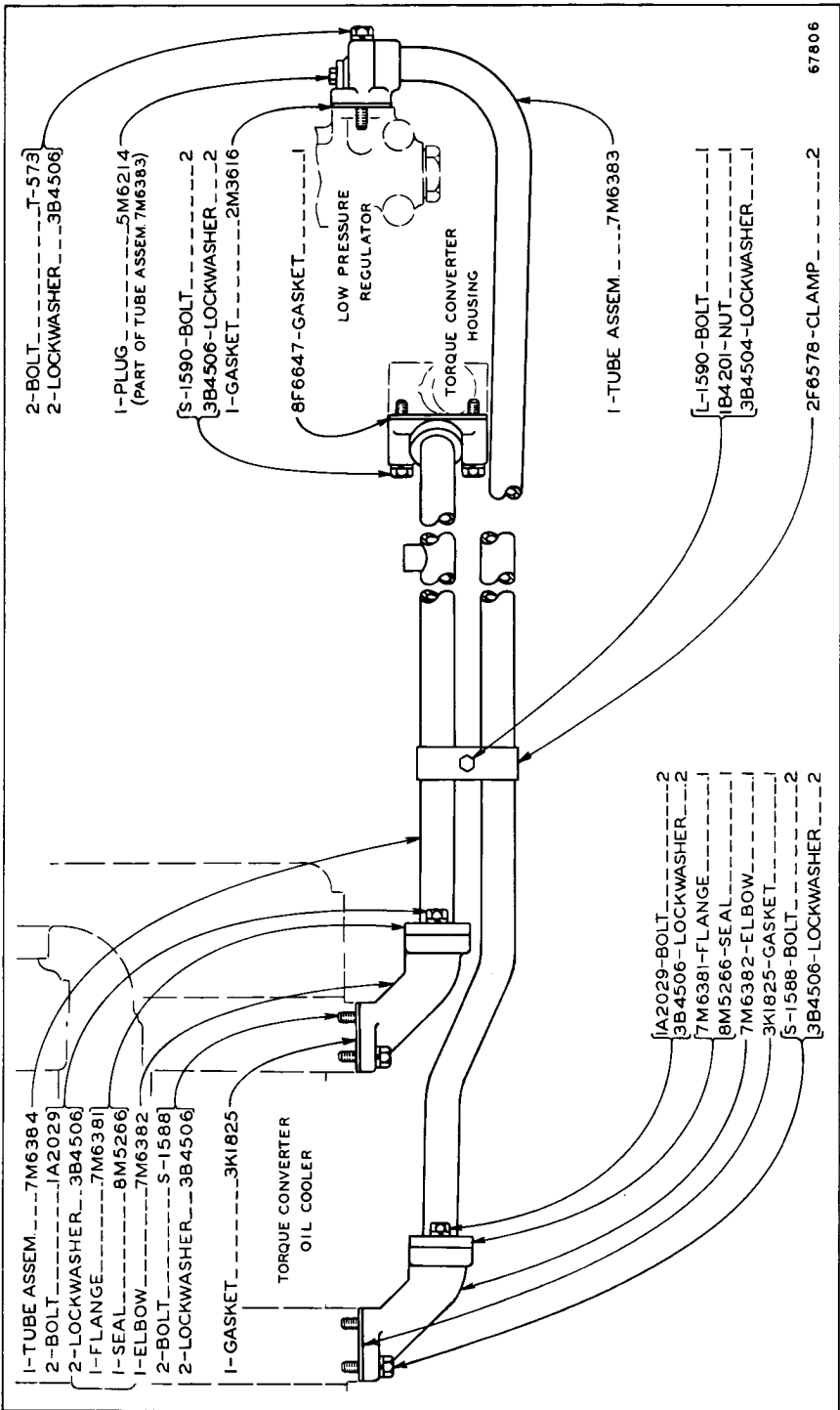
3K2488 Scavenge Pump Group parts are shown on Page 73

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



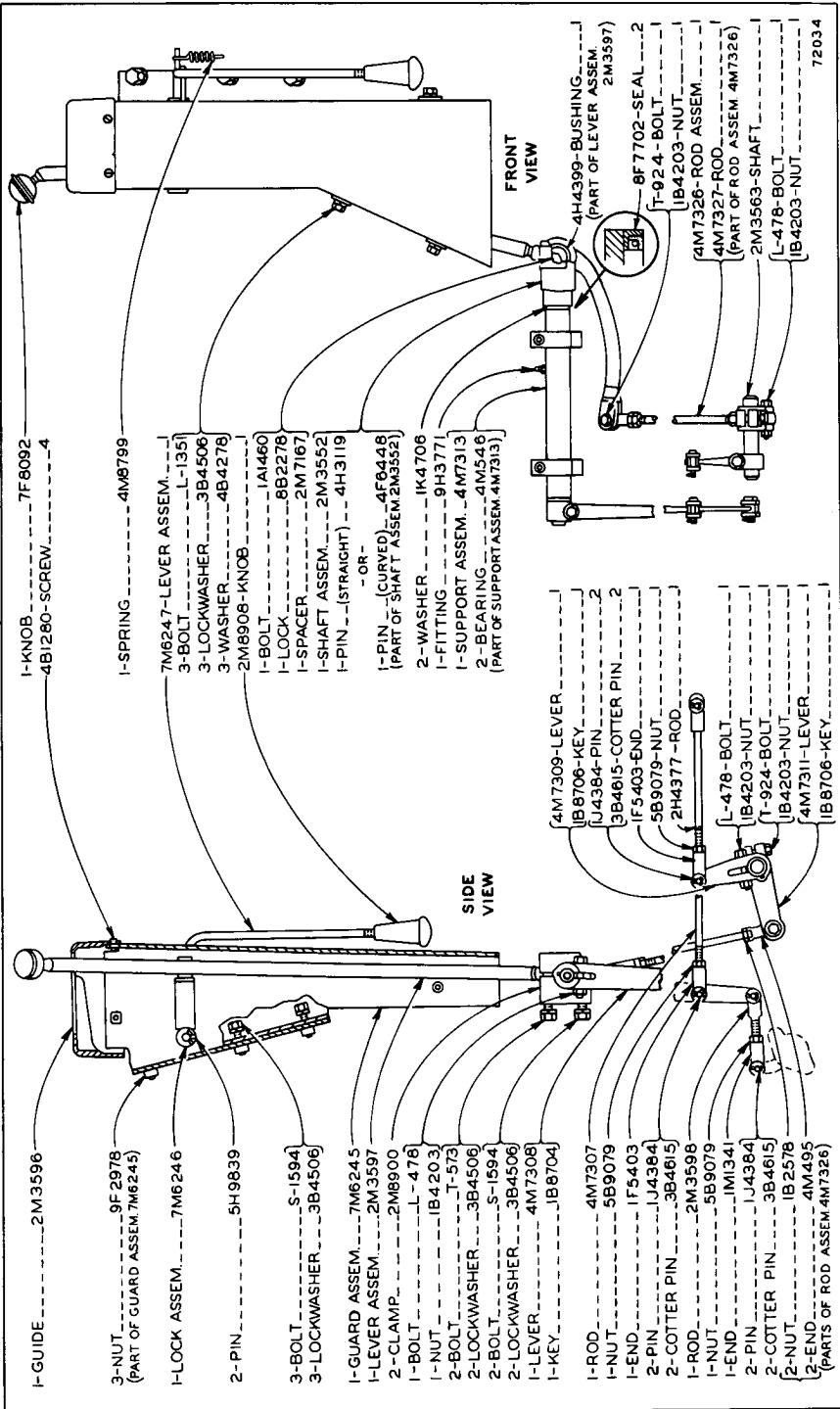
ITI TORQUE CONVERTER ASSEMBLY
 Effective with Torque Converter Serial No. 10T1148—Up
 Part of Torque Converter

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

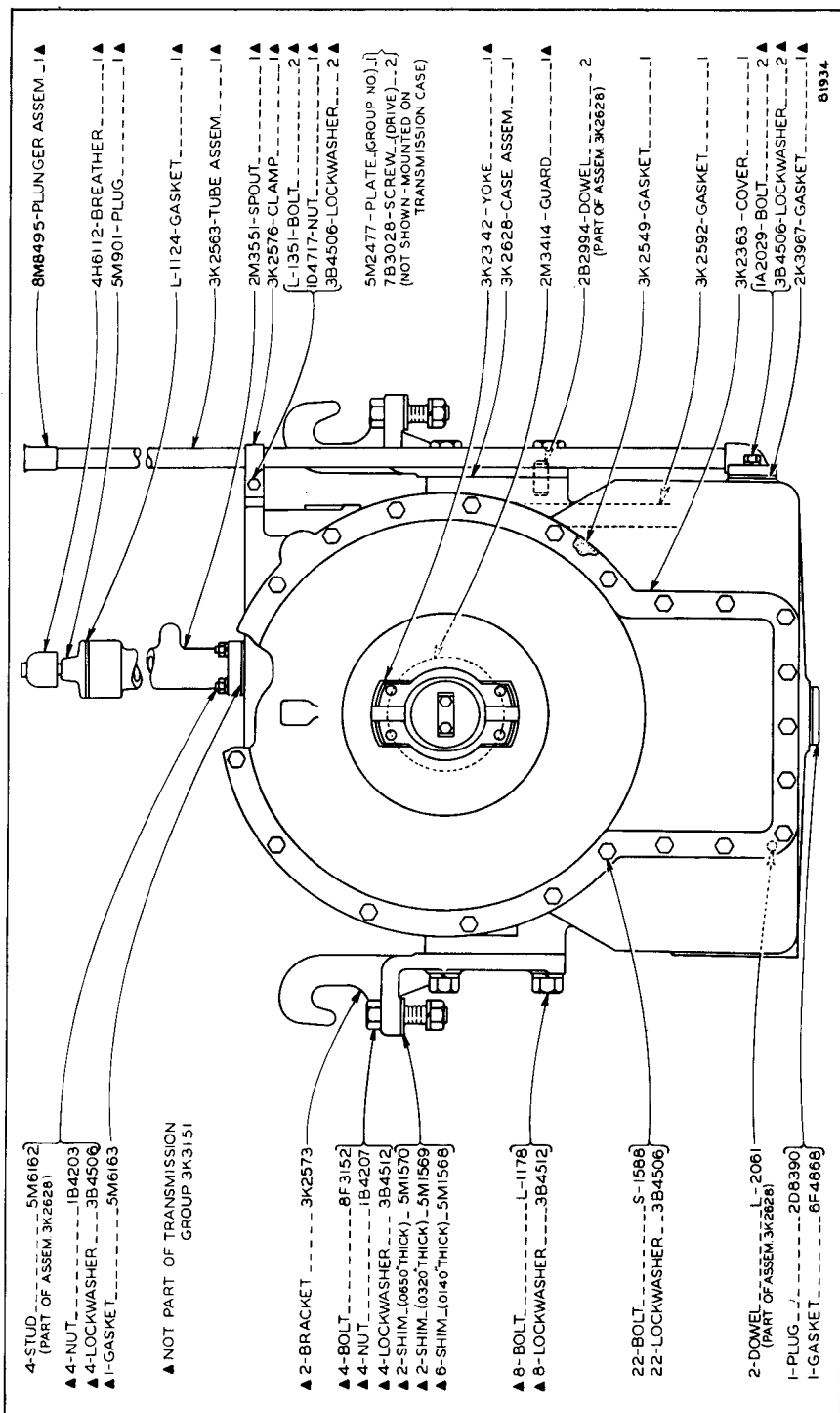


TORQUE CONVERTER OIL COOLER LINES

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



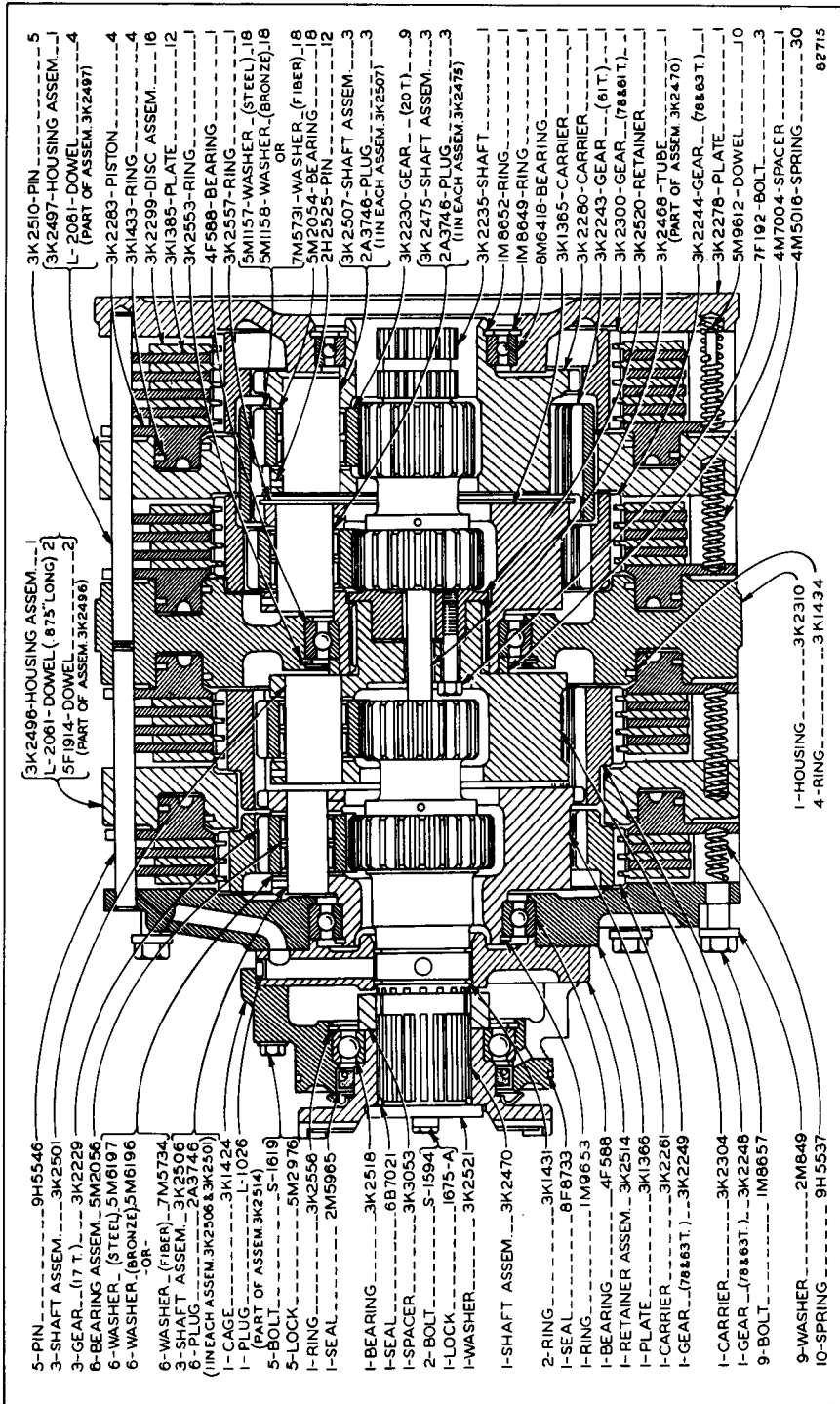
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



3K3151 POWER SHIFT TRANSMISSION GROUP—Part One

Effective with Test No. 7747—Up

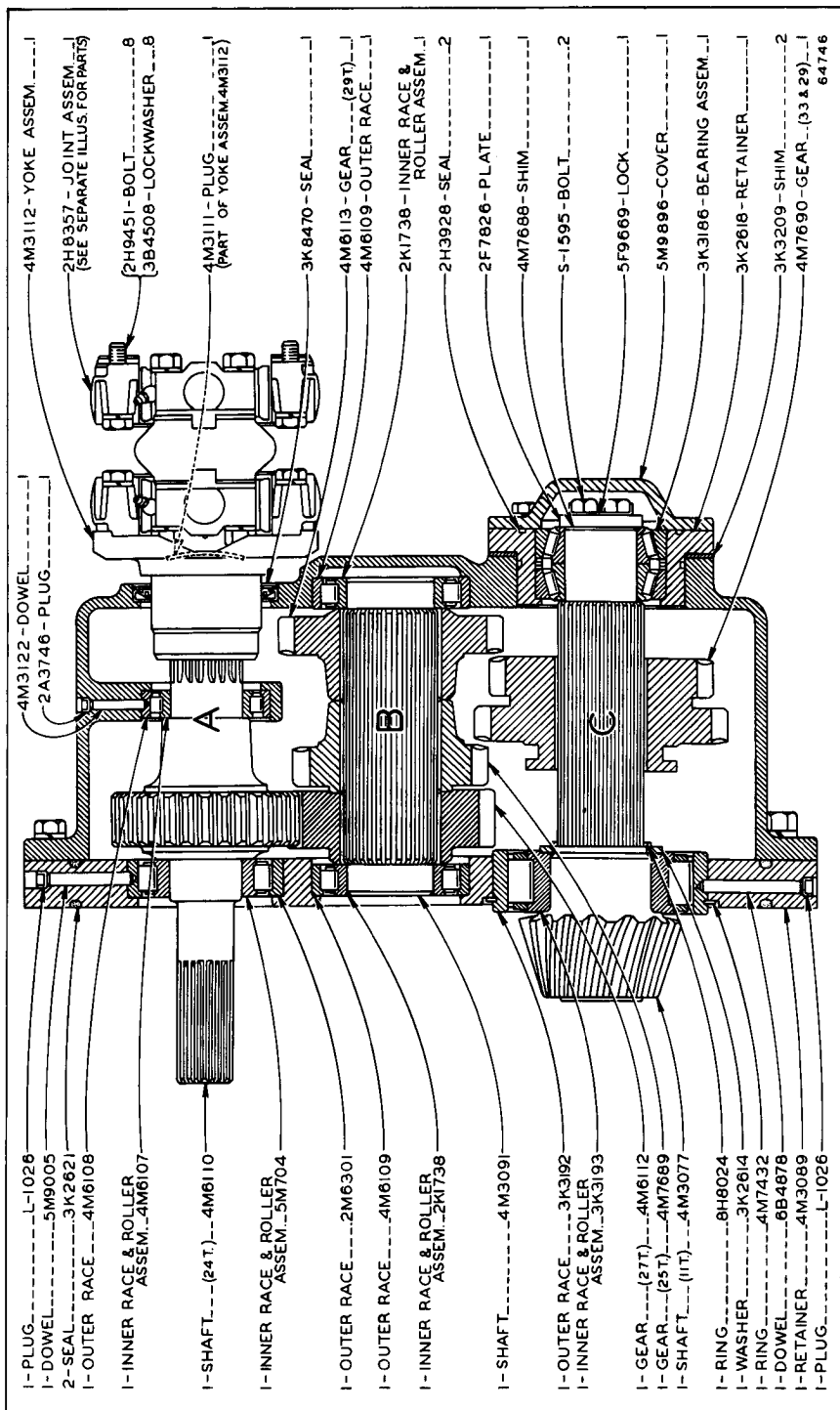
Note: This Group provides the following maximum speeds: (Forward) First Low—2.0, Second Low—3.6, First High—2.5 and Second High—4.7 M.P.H.; (Reverse) First Low—2.5, Second Low—4.6, First High—3.1 and Second High—5.7 M.P.H.



3K3151 POWER SHIFT TRANSMISSION GROUP—Part Two

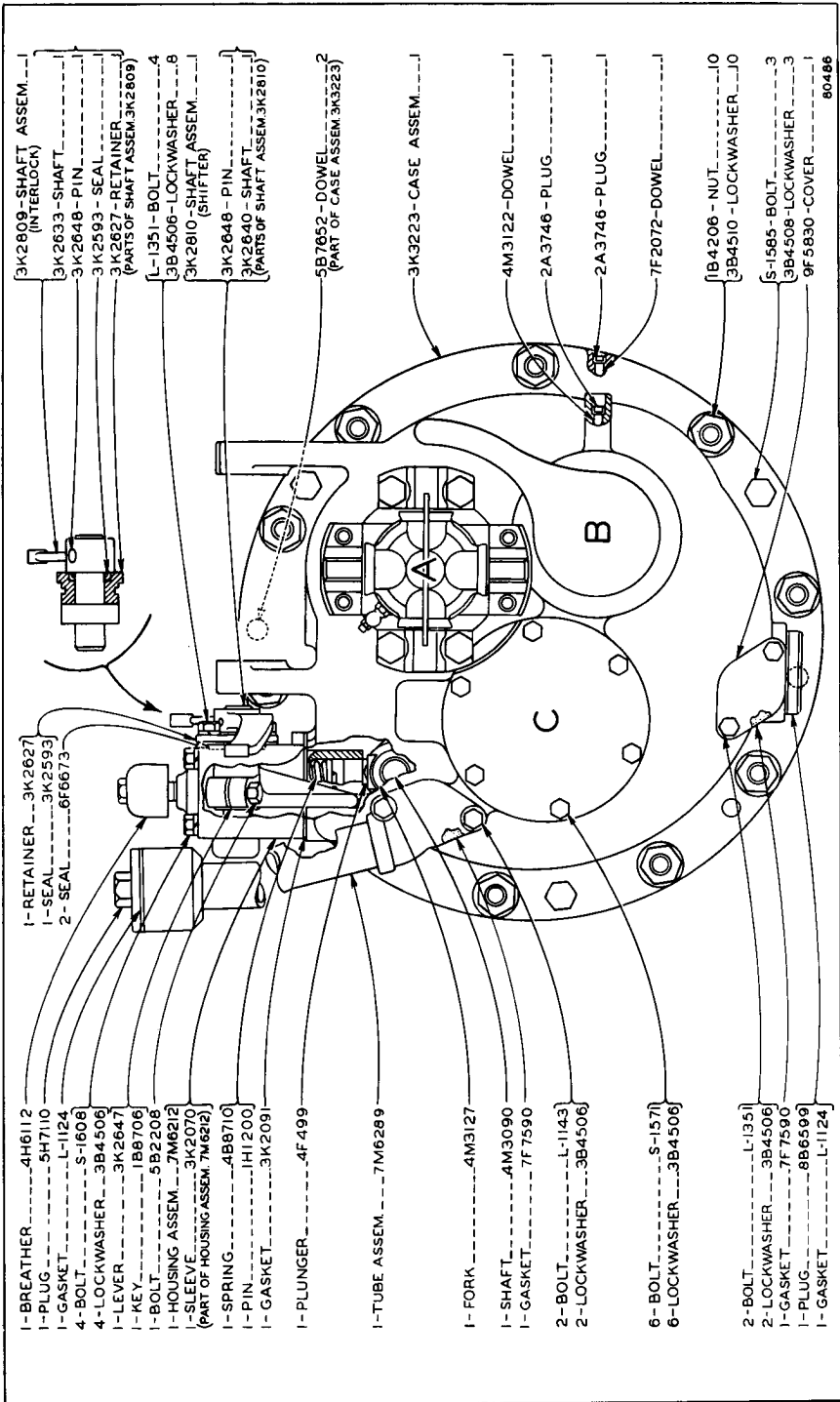
Effective with Test No. 7747—Up

Note: This Group provides the following maximum speeds: (Forward) First Low—2.0, Second Low—3.6, First High—2.5 and Second High—4.7 M.P.H.; (Reverse) First Low—2.5, Second Low—4.6, First High—3.1 and Second High—5.7 M.P.H.



3K3226 RANGE TRANSMISSION GROUP—Part One
 2H8357 Universal Joint Assembly parts are shown on Page 82

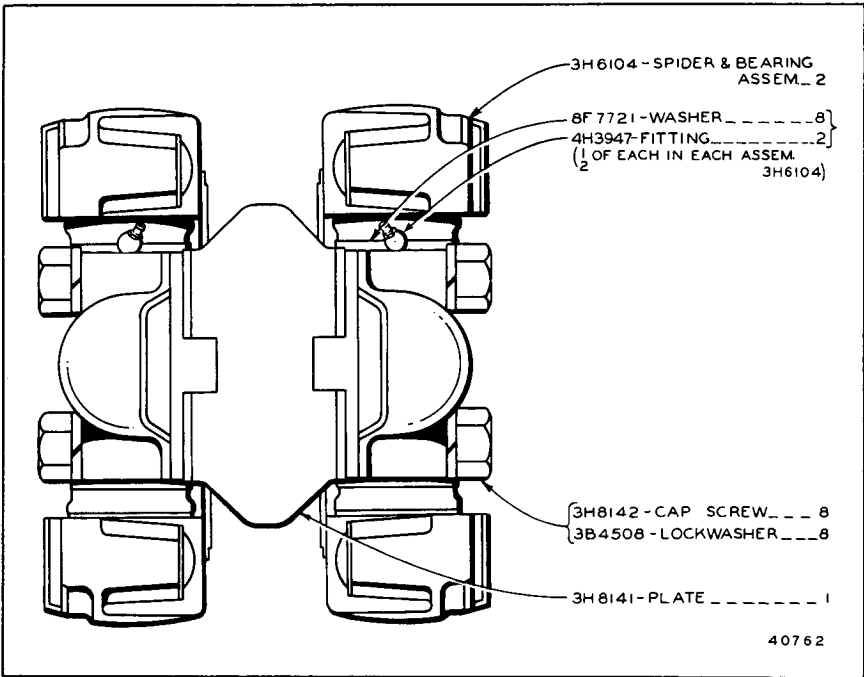
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



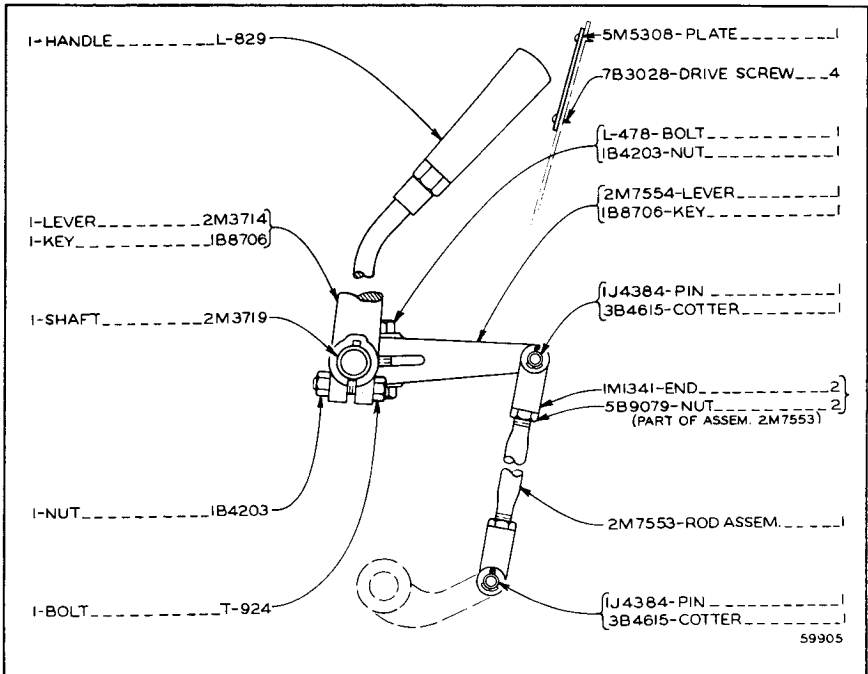
80486

3K3226 RANGE TRANSMISSION GROUP—Part Two

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

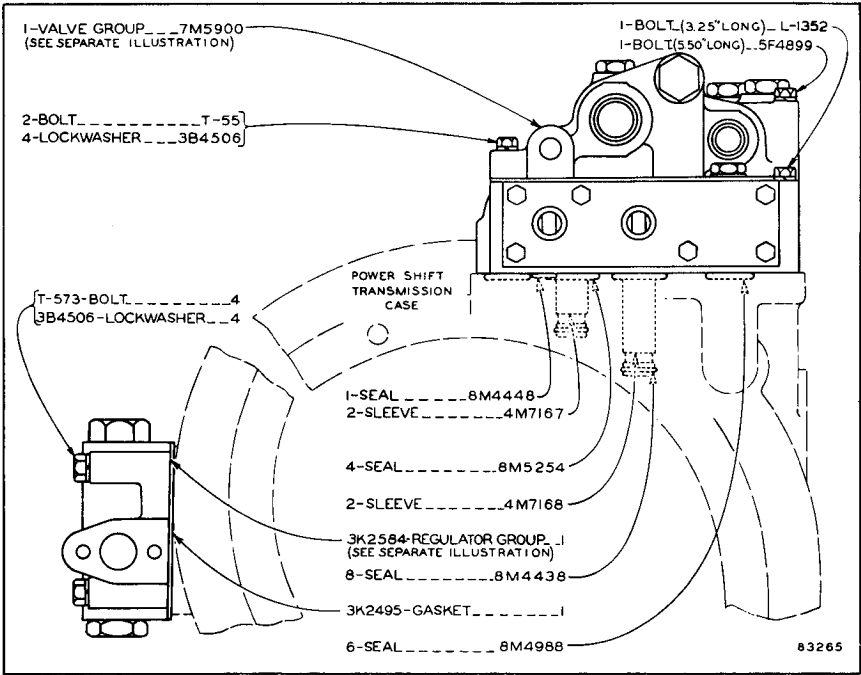


2H8357 UNIVERSAL JOINT ASSEMBLY
 Part of 3K3226 Range Transmission Group shown on Page 80



RANGE CONTROL

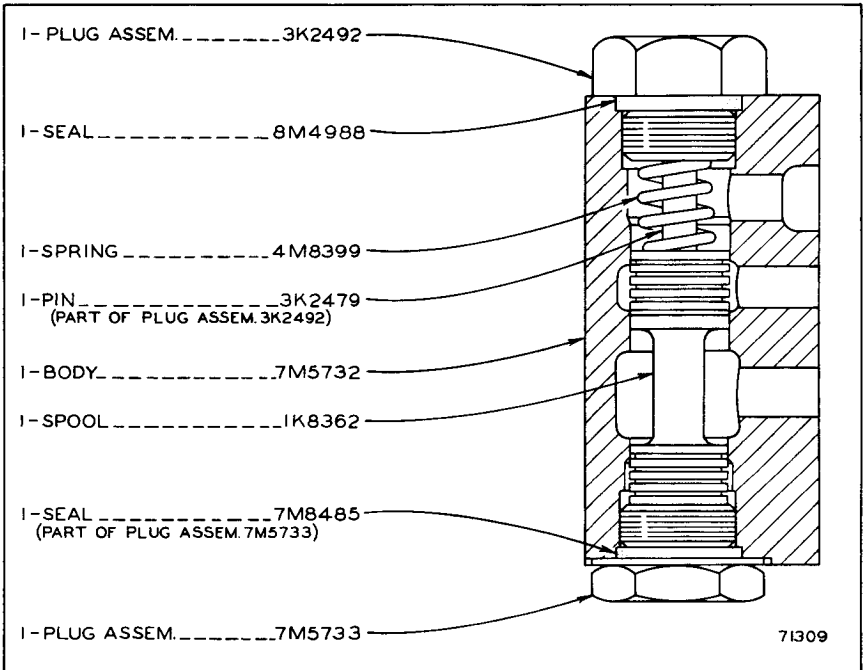
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



TRANSMISSION HYDRAULIC CONTROL

Effective with Test No. 7747—Up

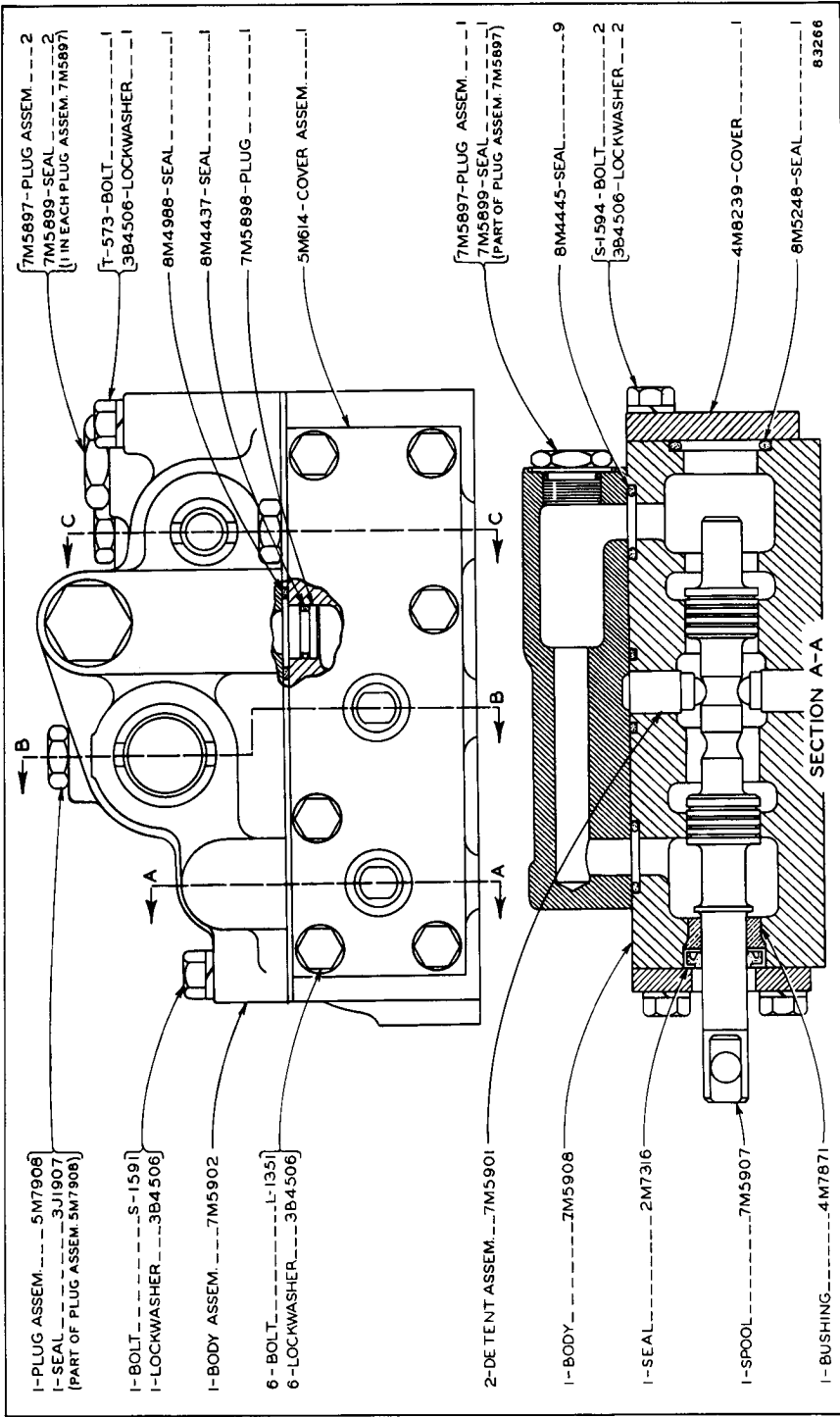
7M5900 Transmission Control Valve Group parts are shown on Pages 84 and 85



3K2584 TRANSMISSION LUBRICATION REGULATOR GROUP

Part of Transmission Hydraulic Control

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

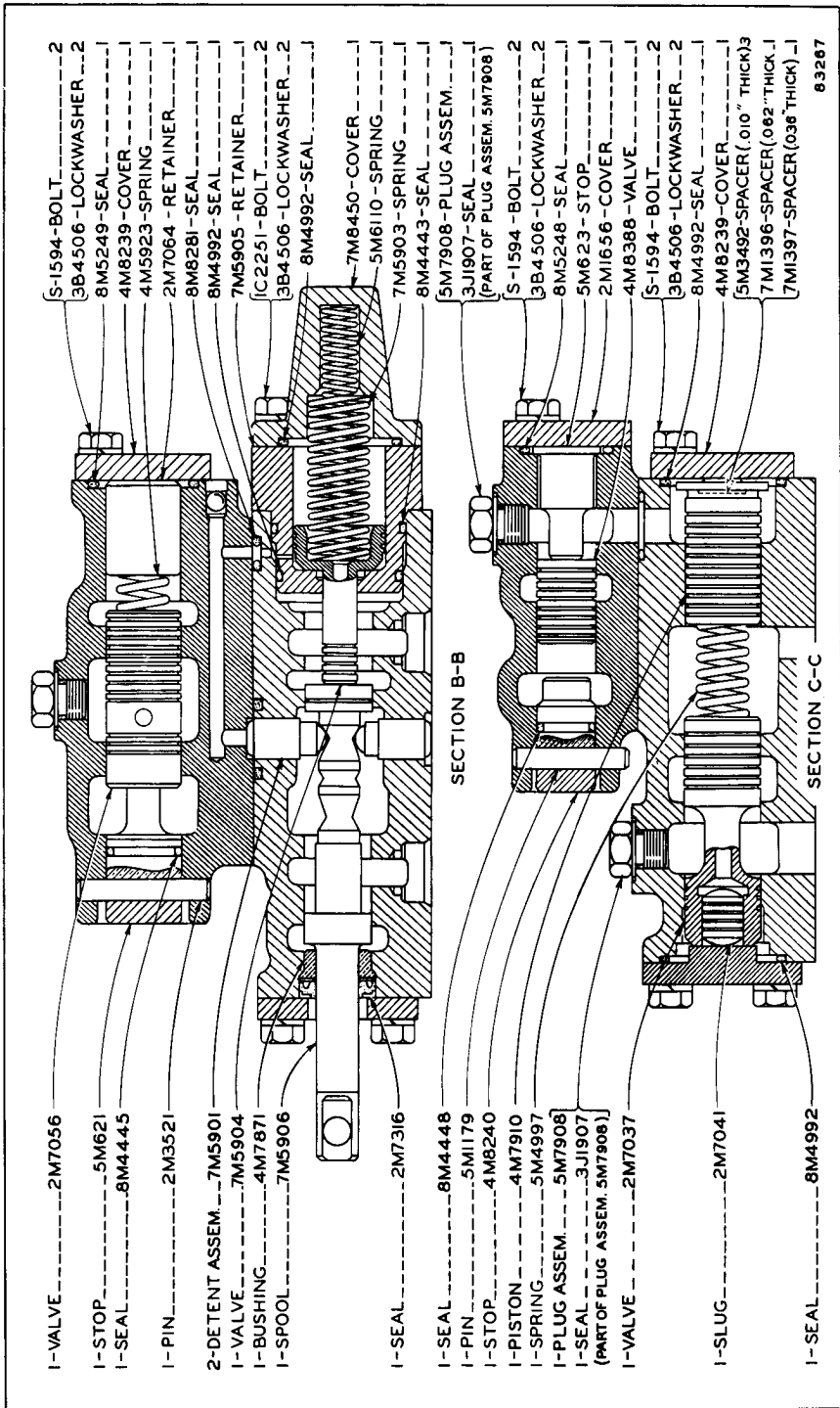


7M5900 TRANSMISSION CONTROL VALVE GROUP—Part One

Effective with Test No. 7747—Up

Part of Transmission Hydraulic Control shown on Page 83

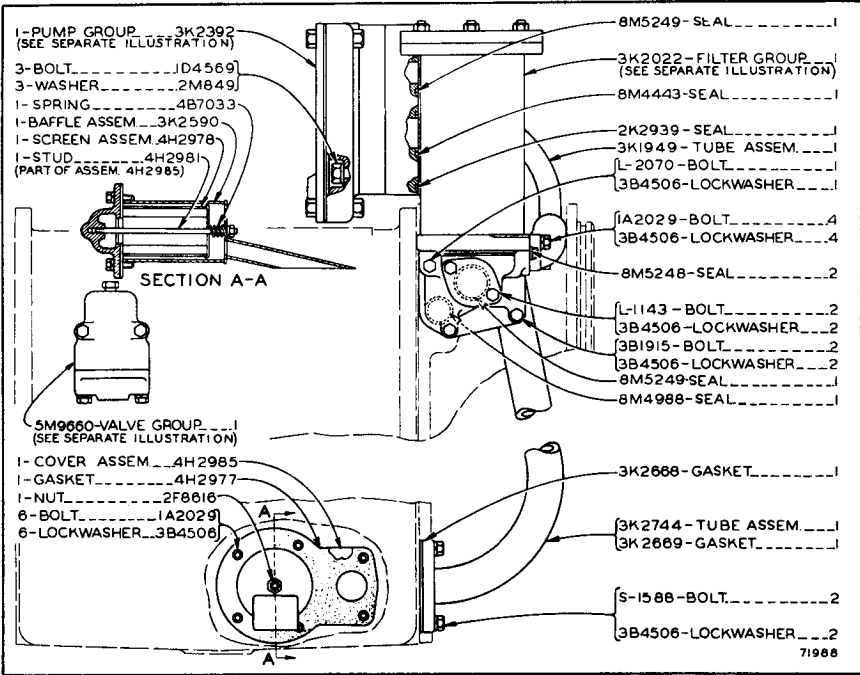
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



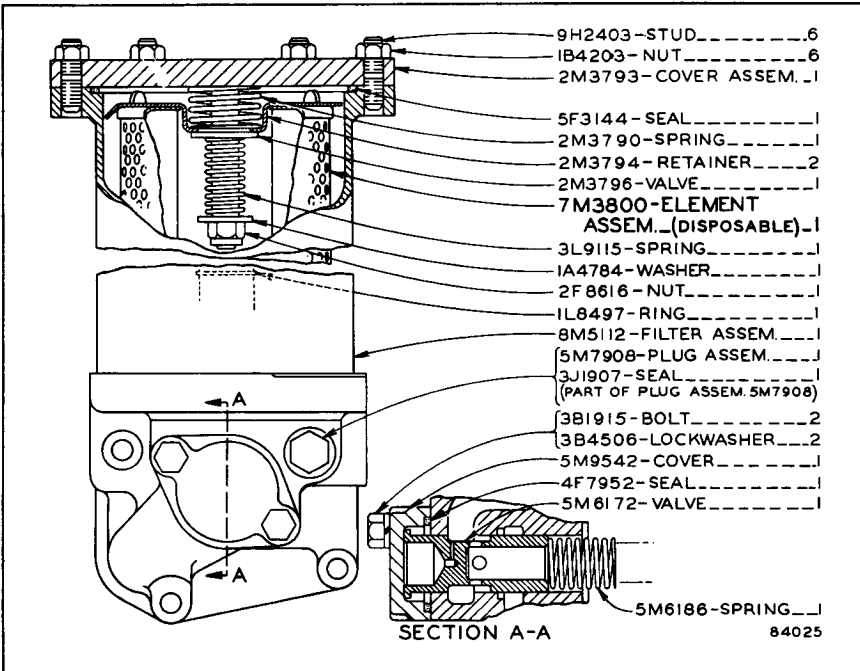
7M5900 TRANSMISSION CONTROL VALVE GROUP—Part Two

Effective with Test No. 7747—Up

Part of Transmission Hydraulic Control shown on Page 83

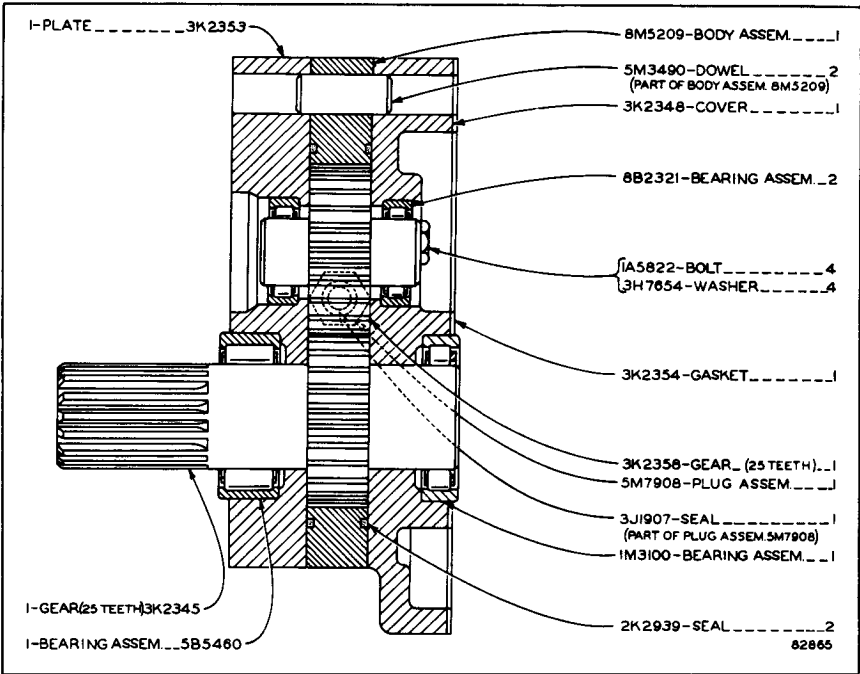


TRANSMISSION LUBRICATION SYSTEM
Effective with Test No. 7747

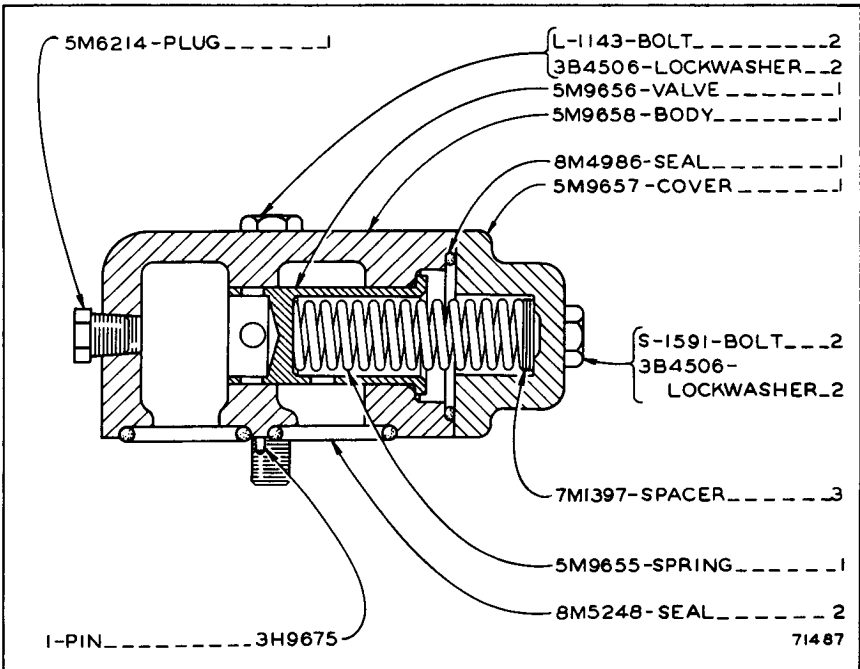


3K2022 TRANSMISSION FILTER GROUP
Part of Transmission Lubrication System

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

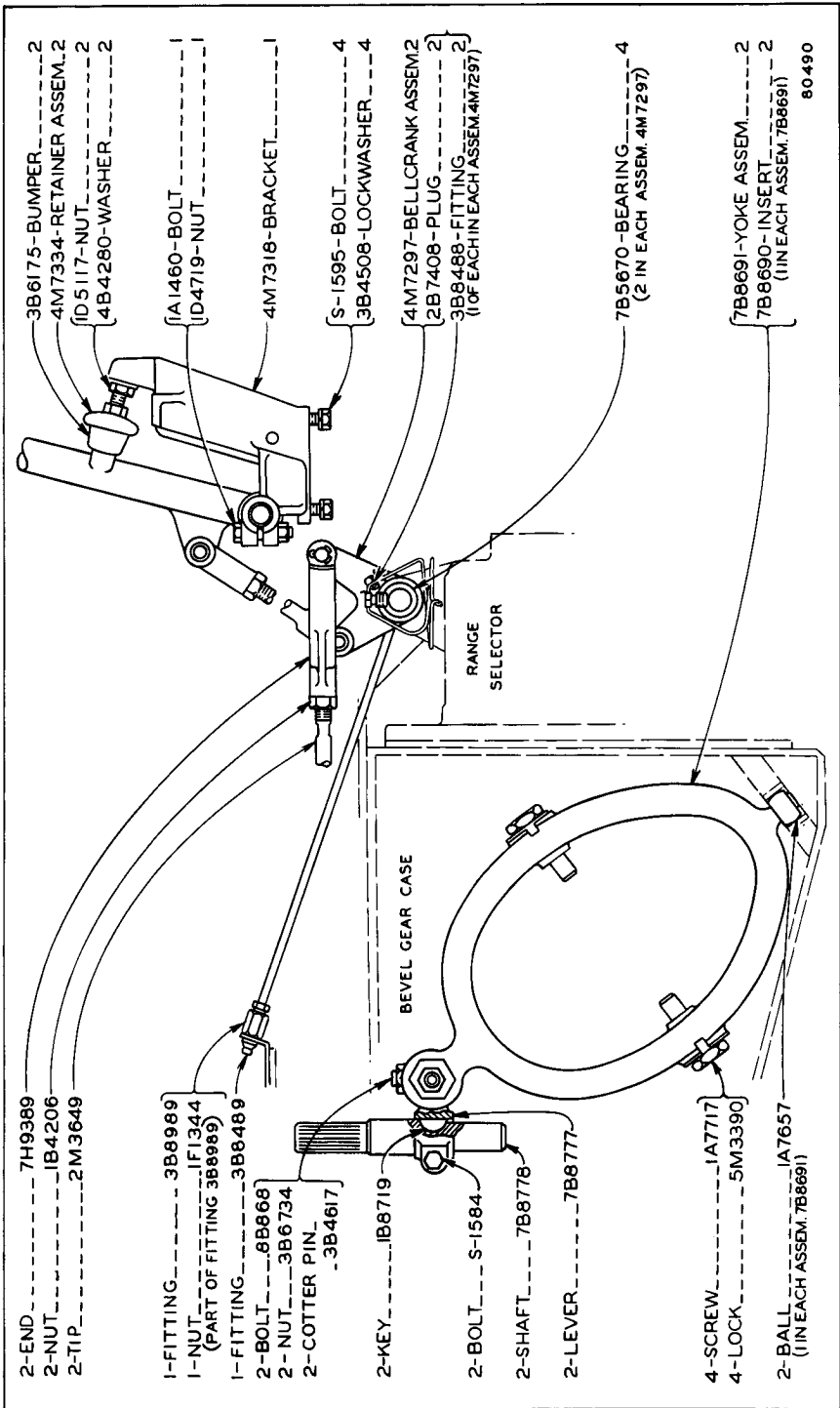


3K2392 TRANSMISSION PUMP GROUP
Part of Transmission Lubrication System

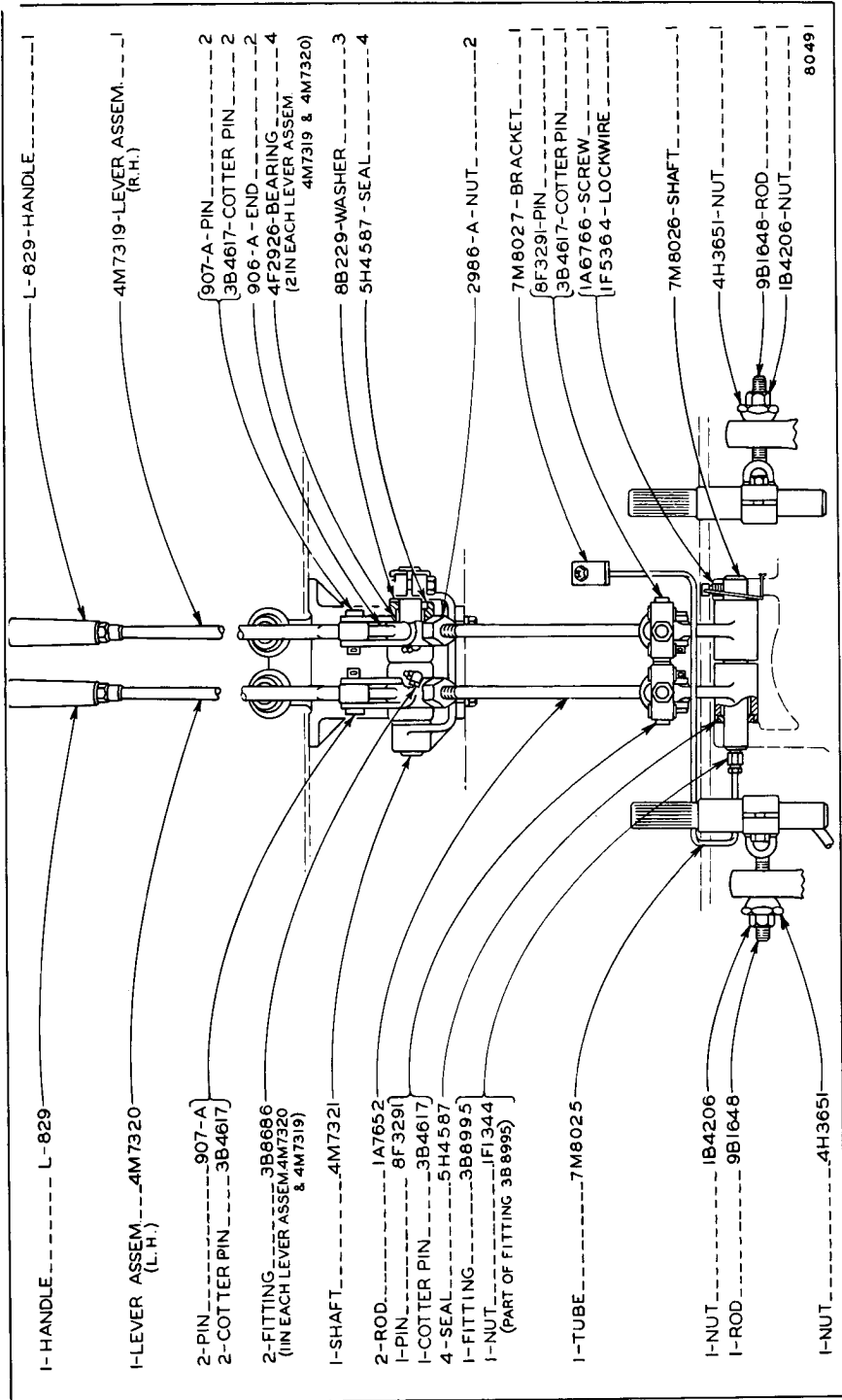


5M9660 RELIEF VALVE GROUP
Part of Transmission Lubrication System

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

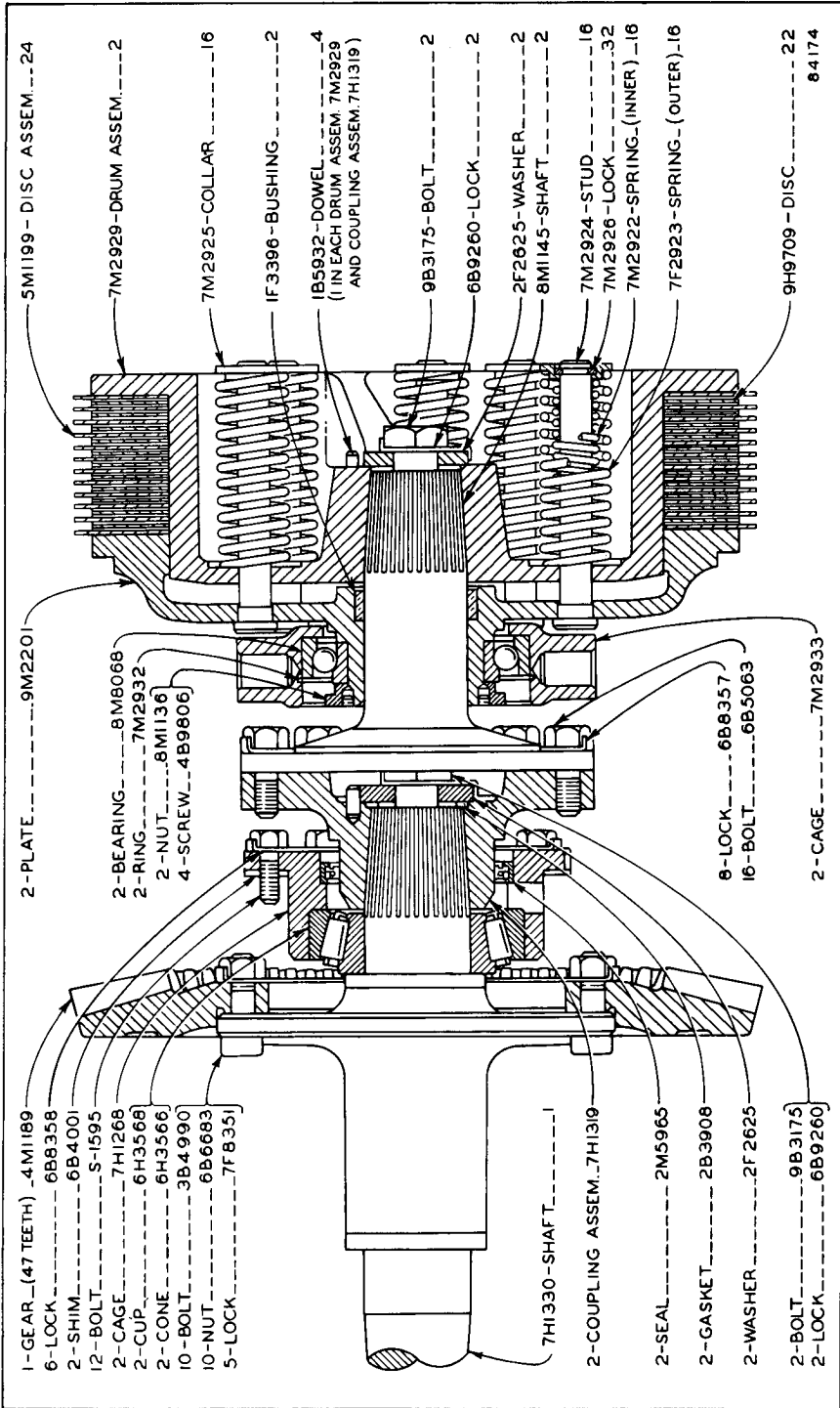


STEERING CLUTCH CONTROL—Part One

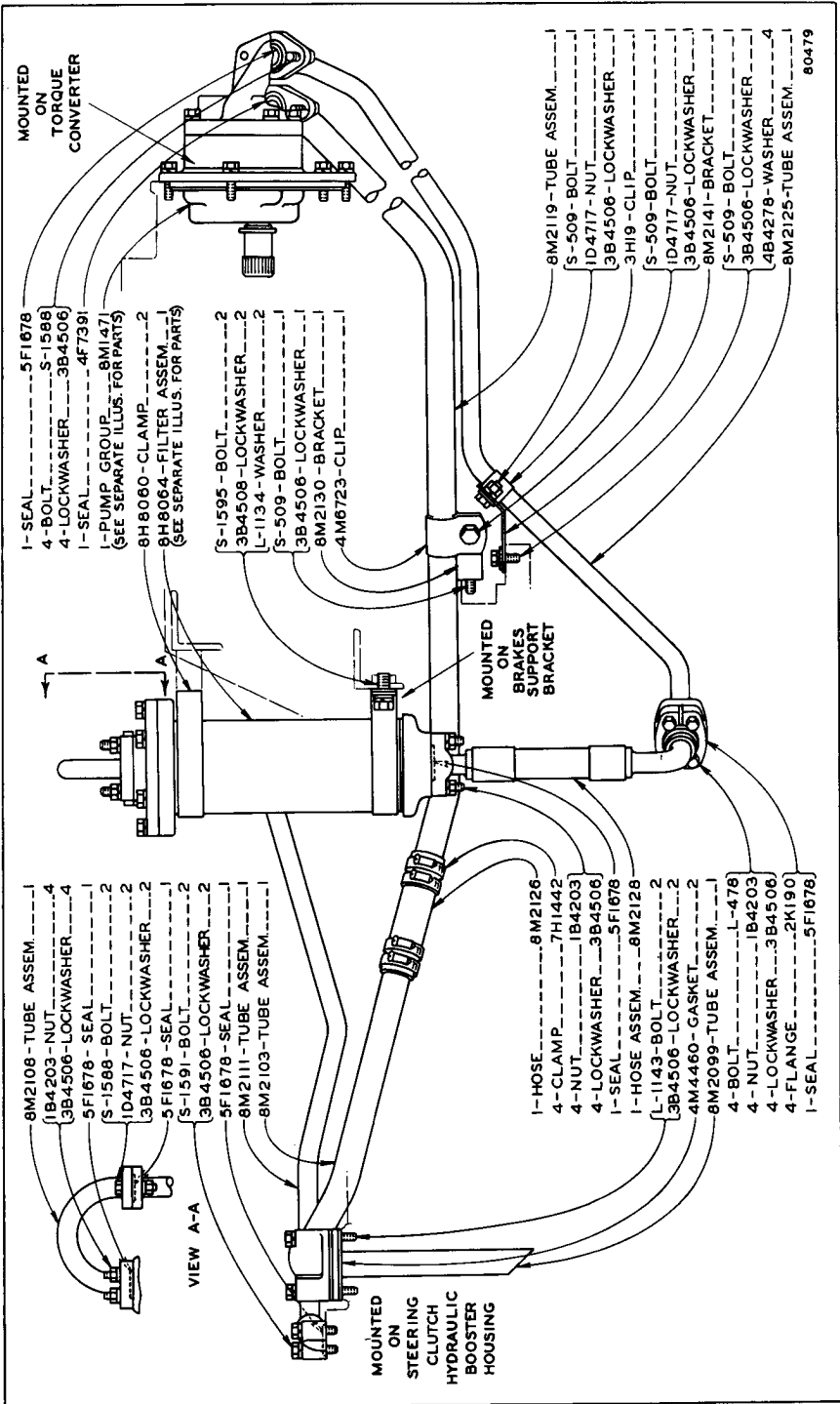


STEERING CLUTCH CONTROL—Part Two

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

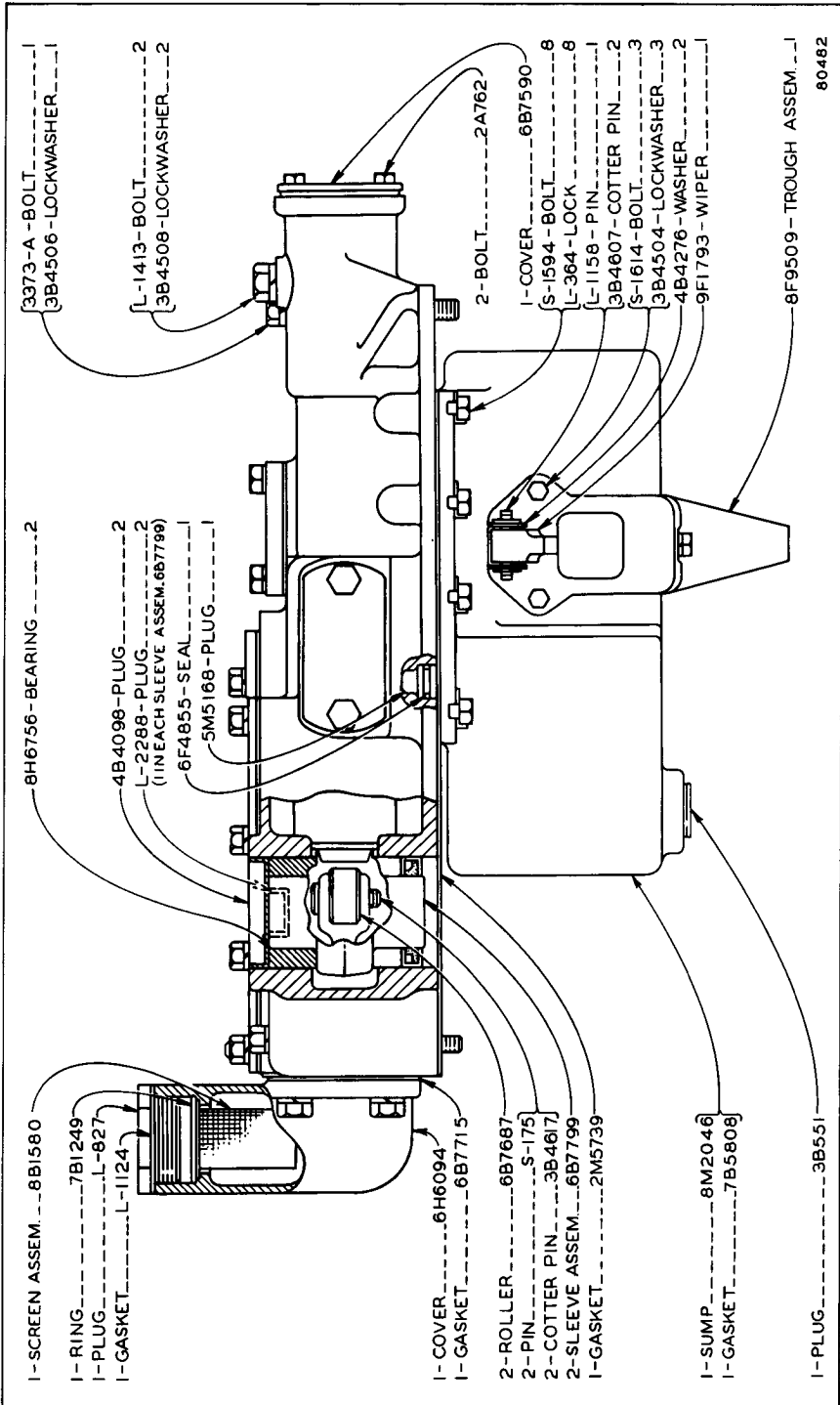


ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



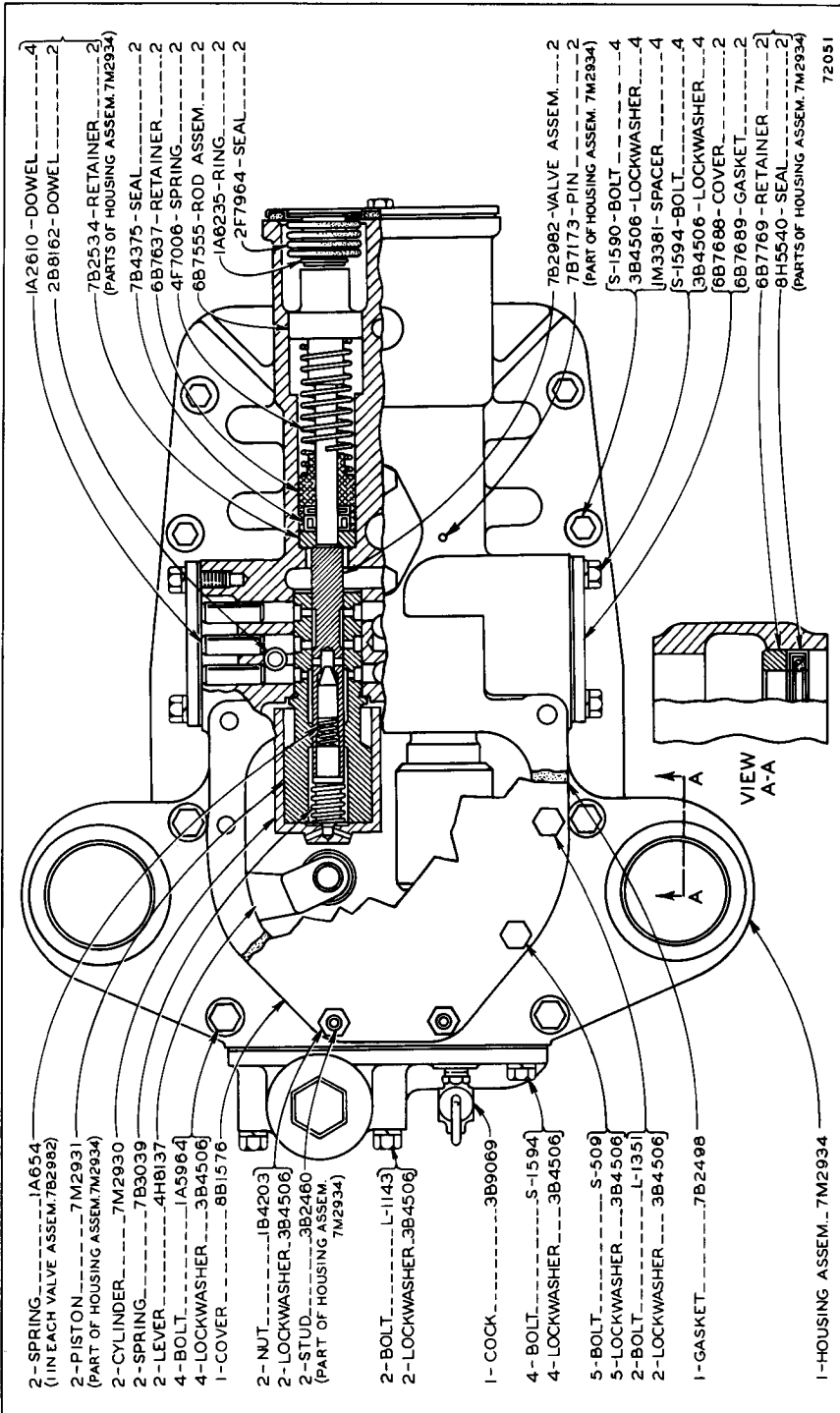
STEERING CLUTCH BOOSTER LUBRICATION SYSTEM

8M1471 Steering Pump Group and 8H8064 Oil Filter Assembly parts are shown on Page 95



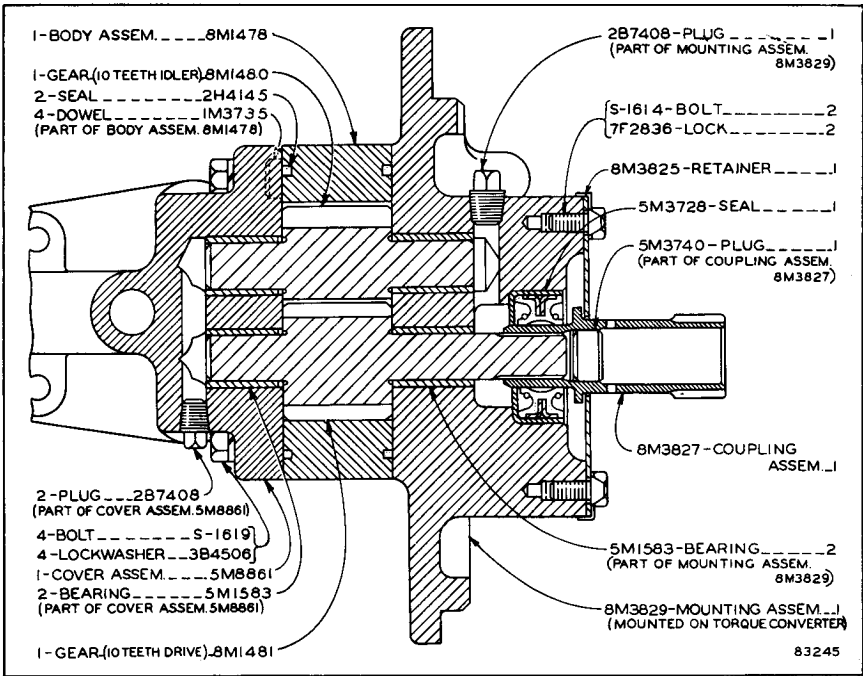
80482

STEERING CLUTCH HYDRAULIC BOOSTER—Side View



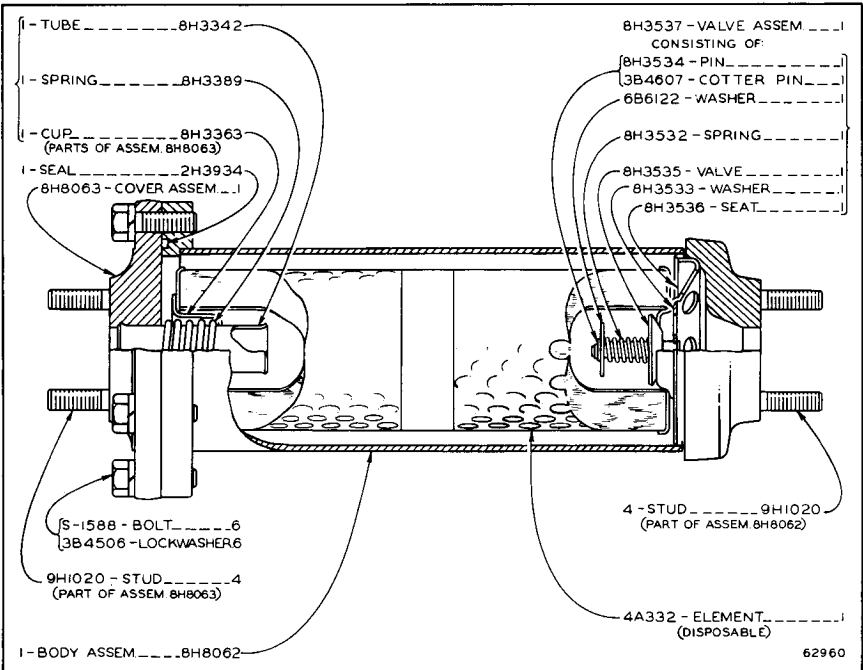
STEERING CLUTCH HYDRAULIC BOOSTER—Top View

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



8M1471 STEERING PUMP GROUP

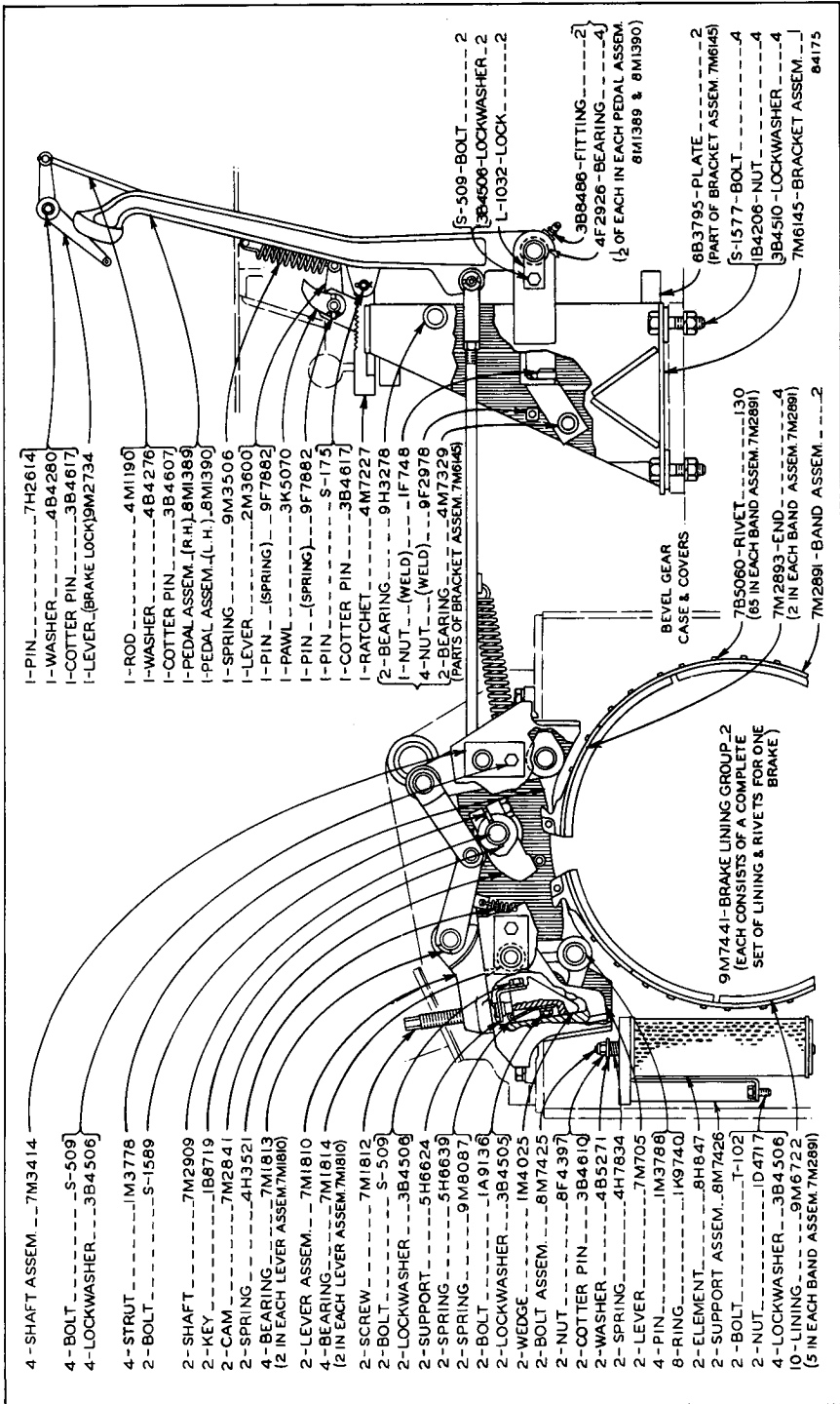
Part of Steering Clutch Booster Lubrication System shown on Page 91



8H8064 OIL FILTER ASSEMBLY

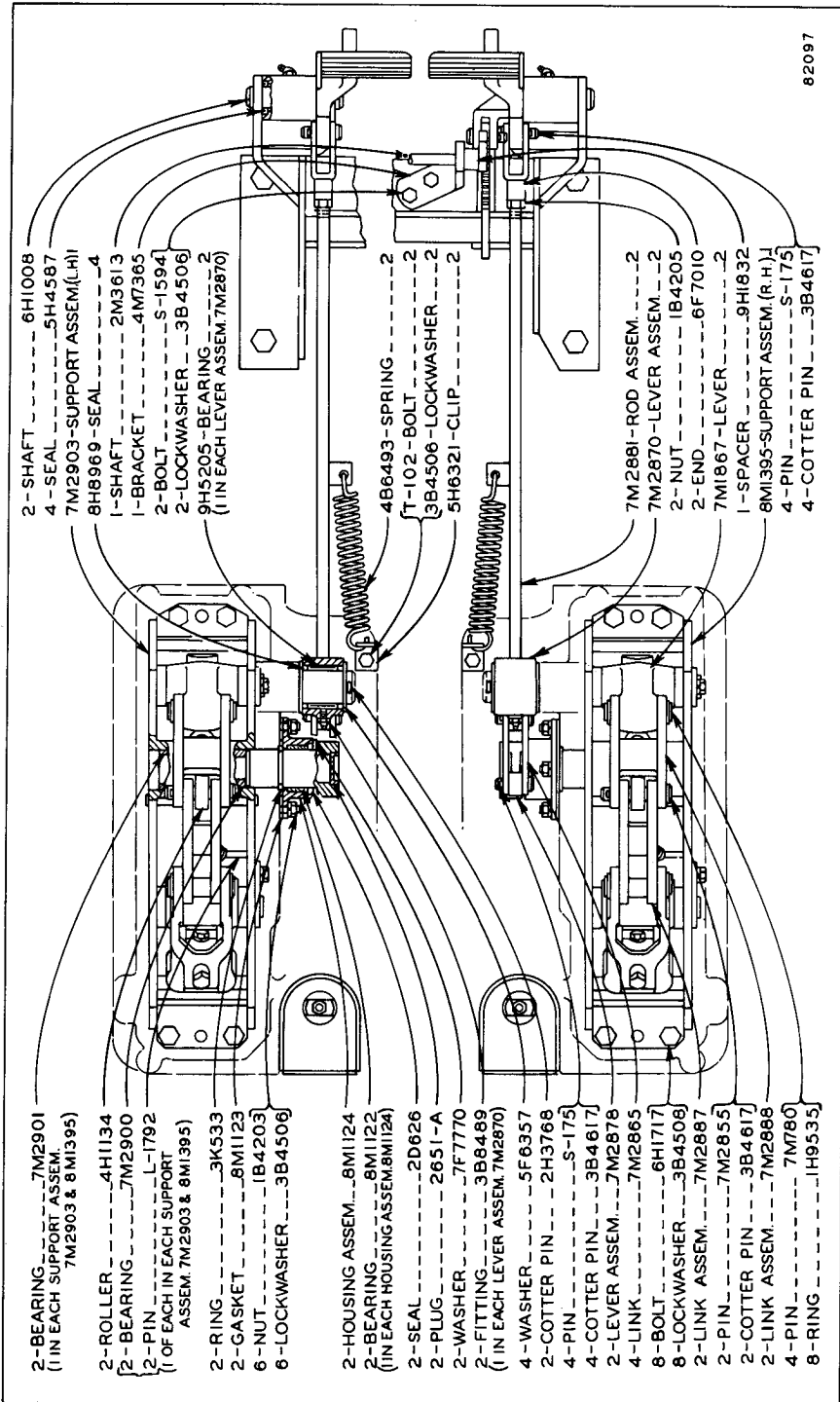
Part of Steering Clutch Booster Lubrication System shown on Page 91

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



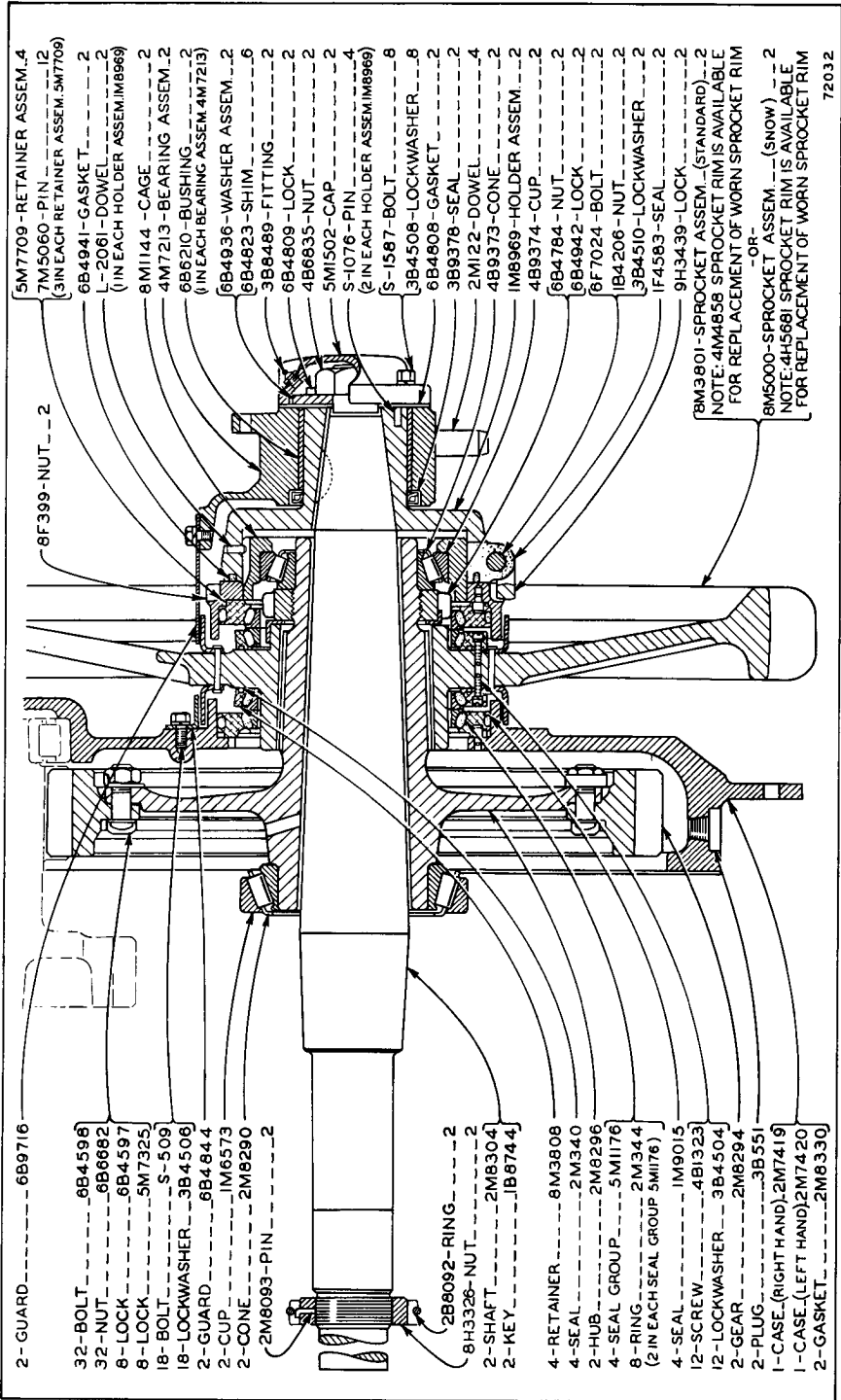
BRAKES—Side View

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



BRAKES—Top View

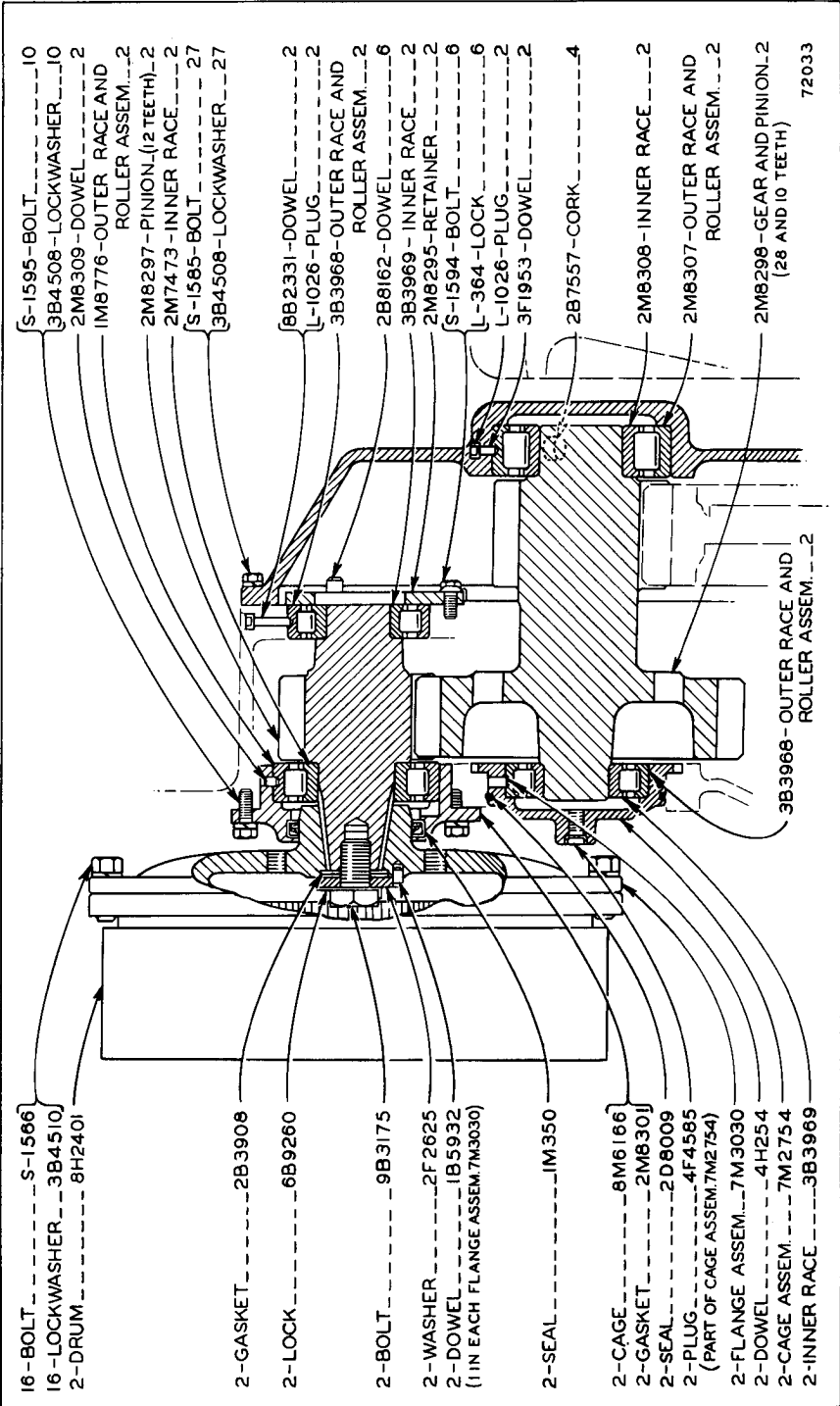
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



72032

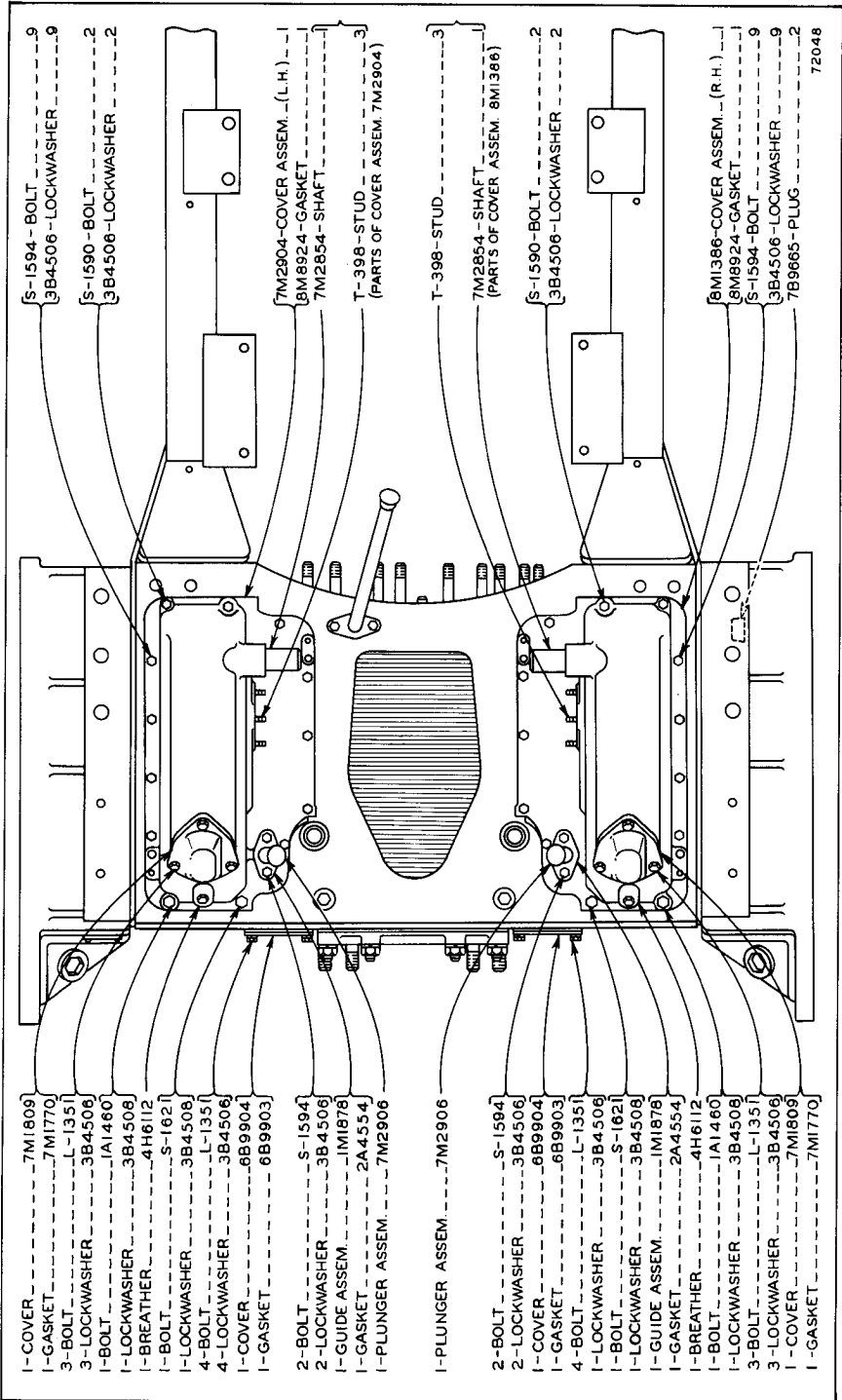
FINAL DRIVE—Part One

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



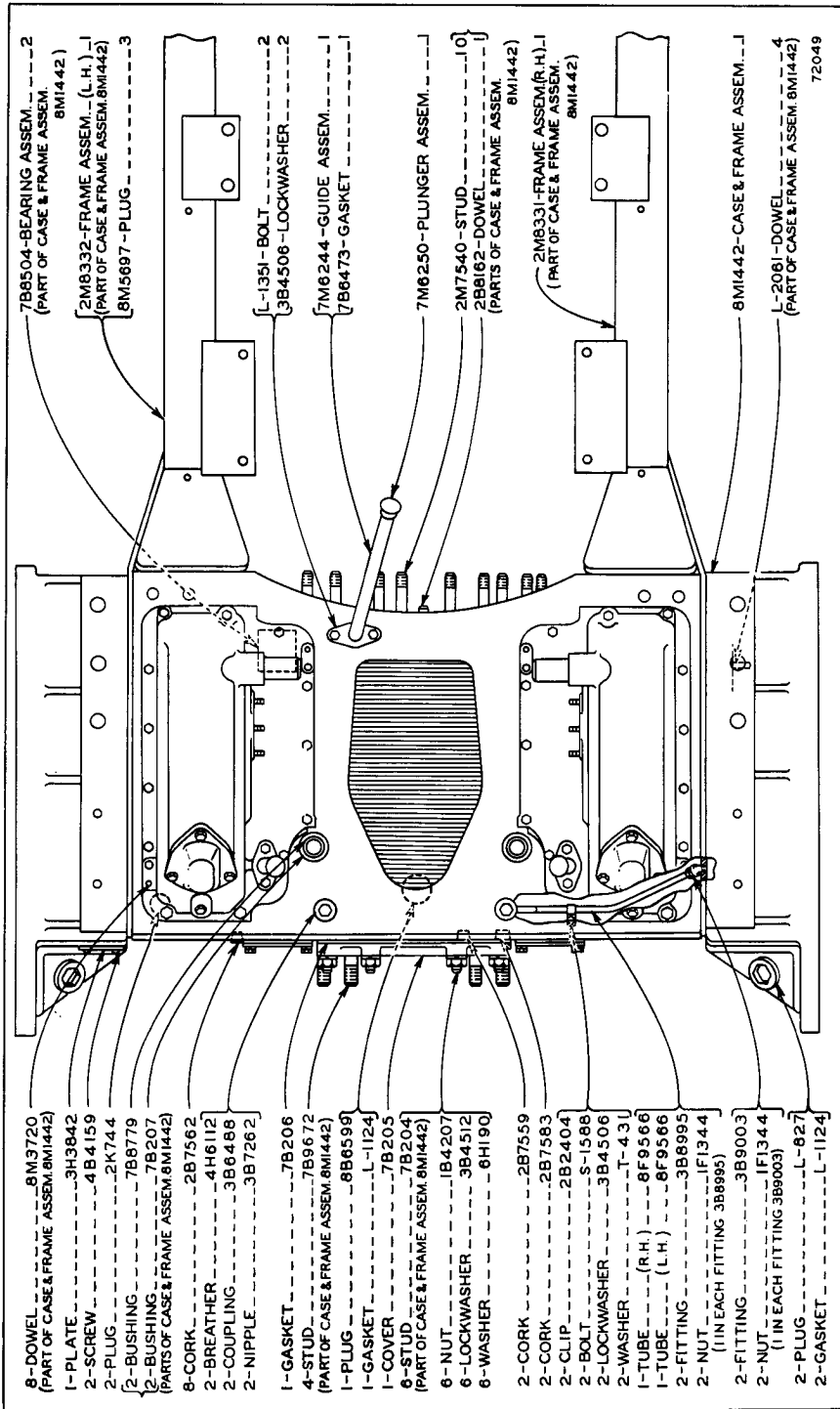
FINAL DRIVE—Part Two

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



BEVEL GEAR CASE AND COVERS—Part One

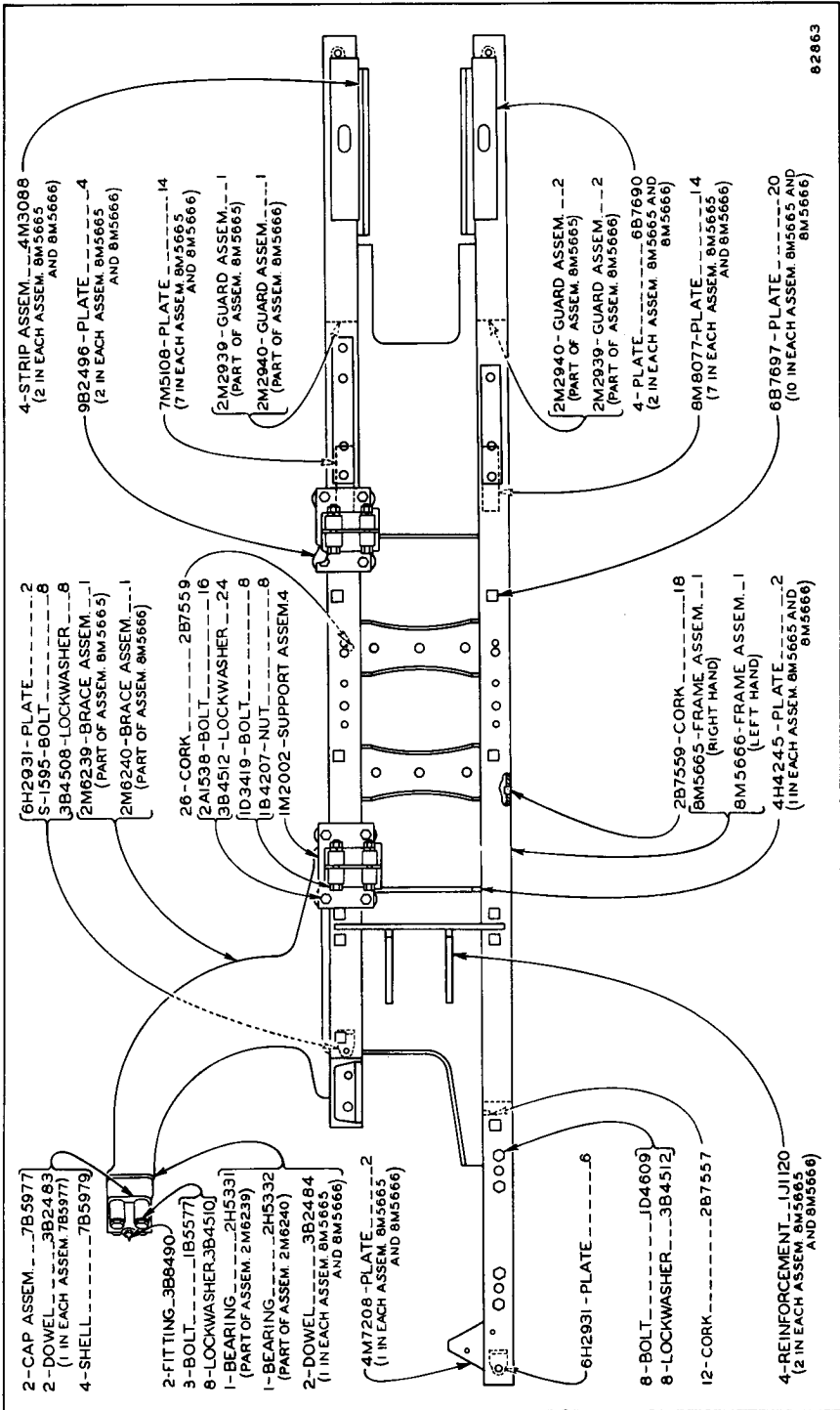
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



BEVEL GEAR CASE AND COVERS—Part Two

72049

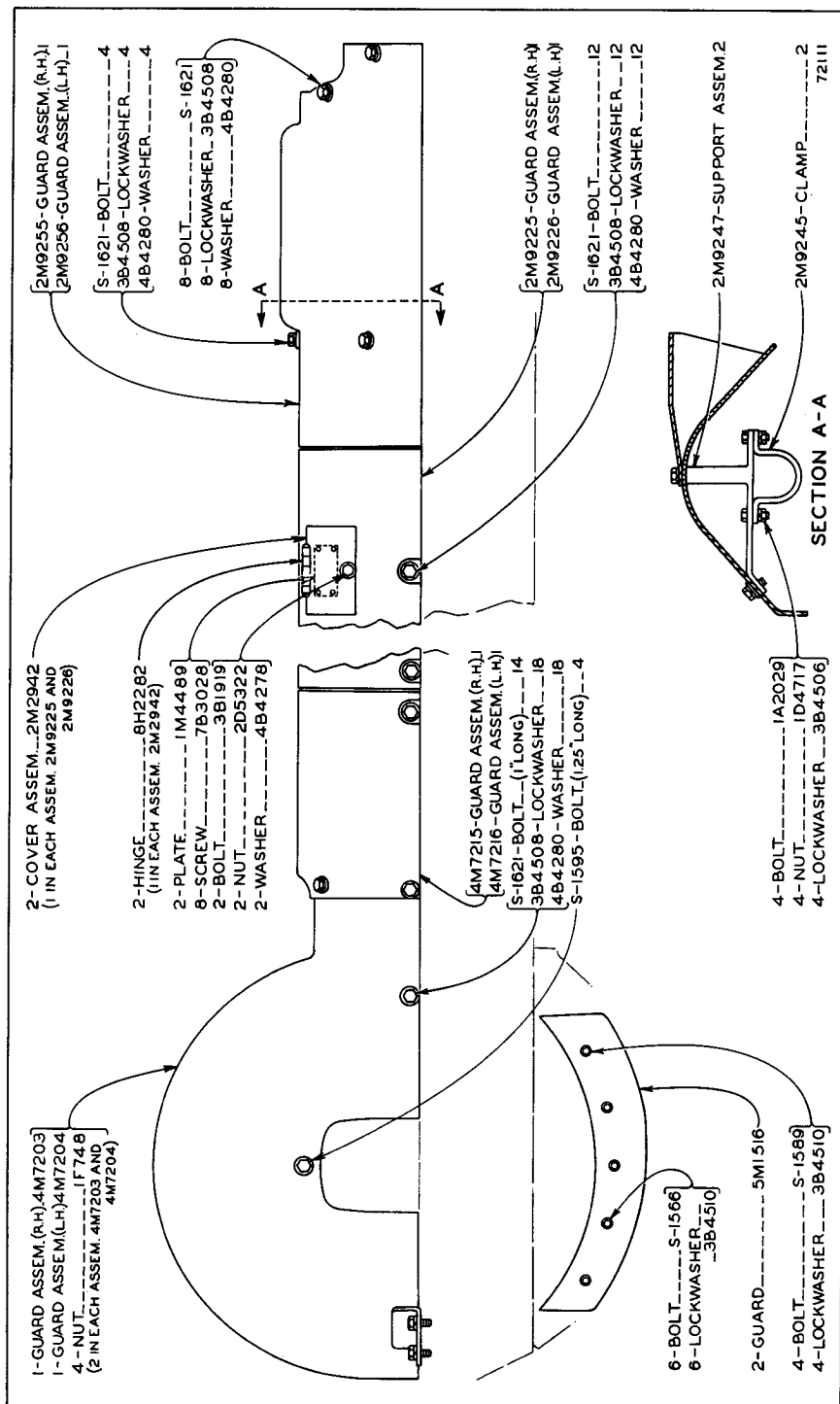
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



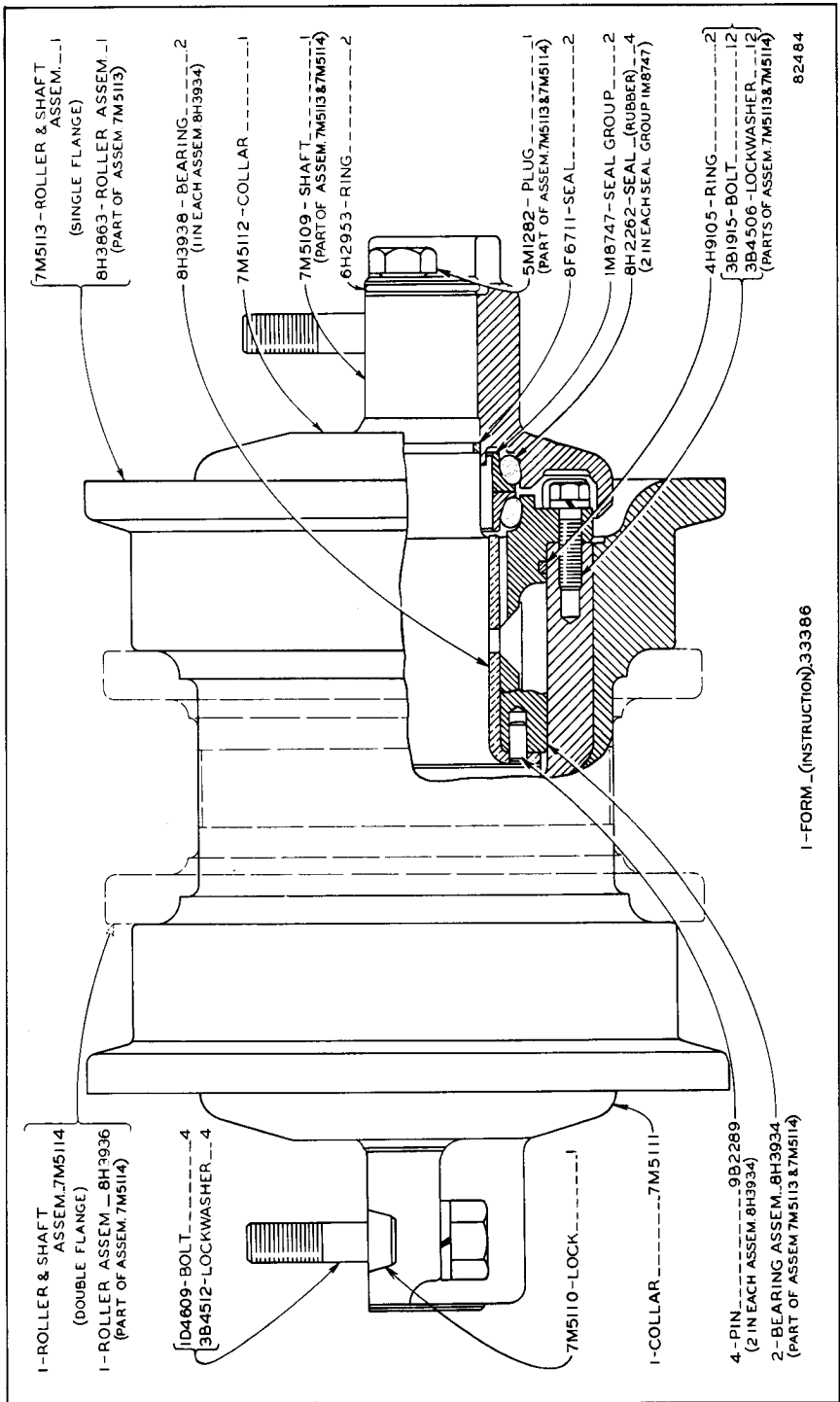
82863

TRACK ROLLER FRAME

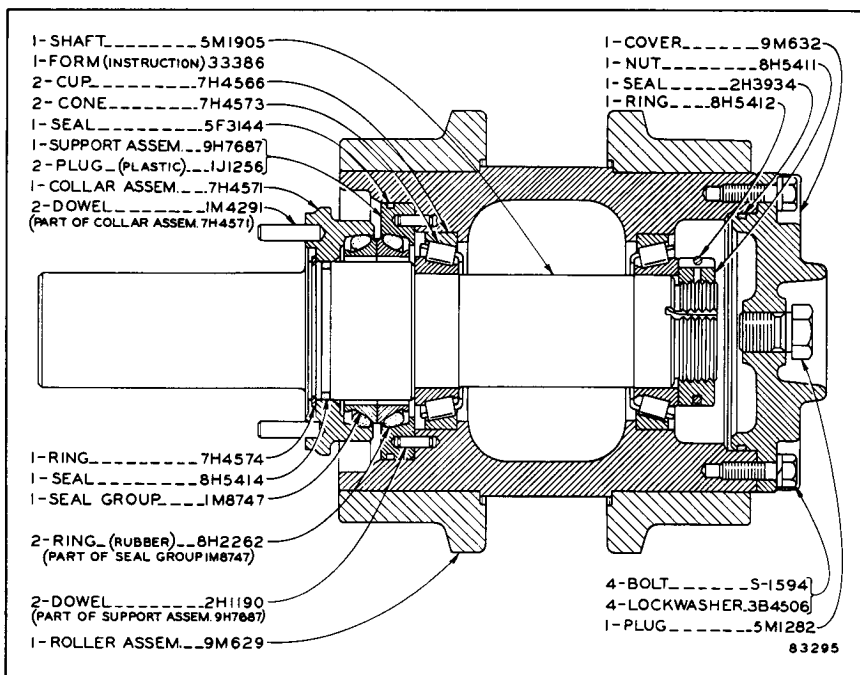
Note: Quantities shown are those required for both R.H. and L.H. sides



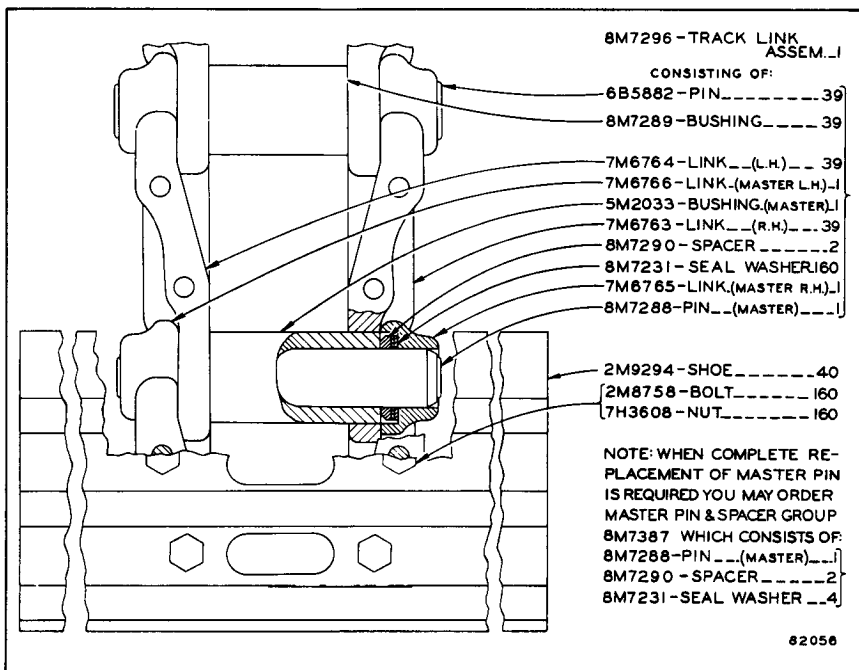
RECOIL MECHANISM GUARD



7M5115 TRACK ROLLER GROUP—Single Flange—6 Groups Required
 7M5116 TRACK ROLLER GROUP—Double Flange—8 Groups Required

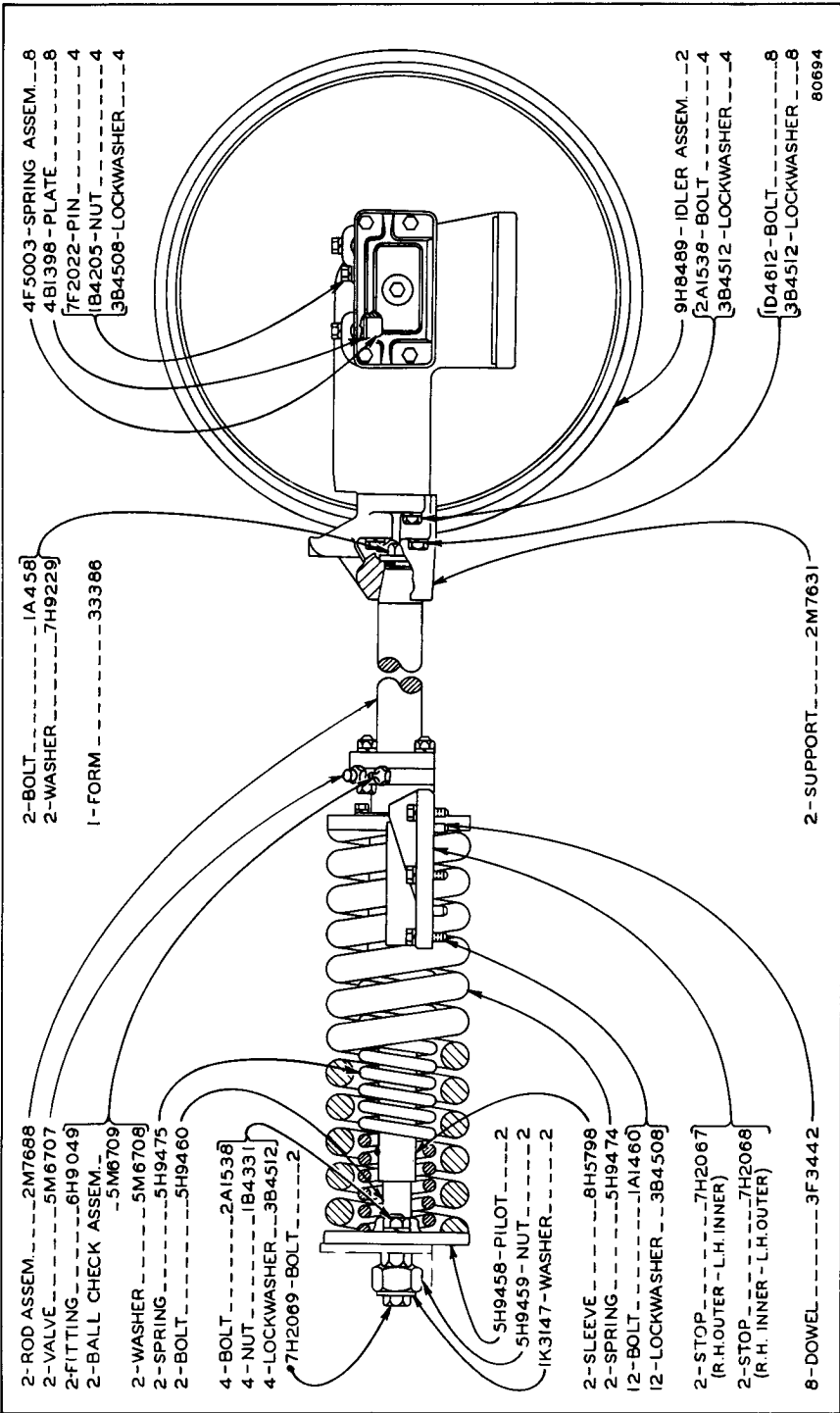


9M638 TRACK CARRIER ROLLER GROUP—4 Groups Required



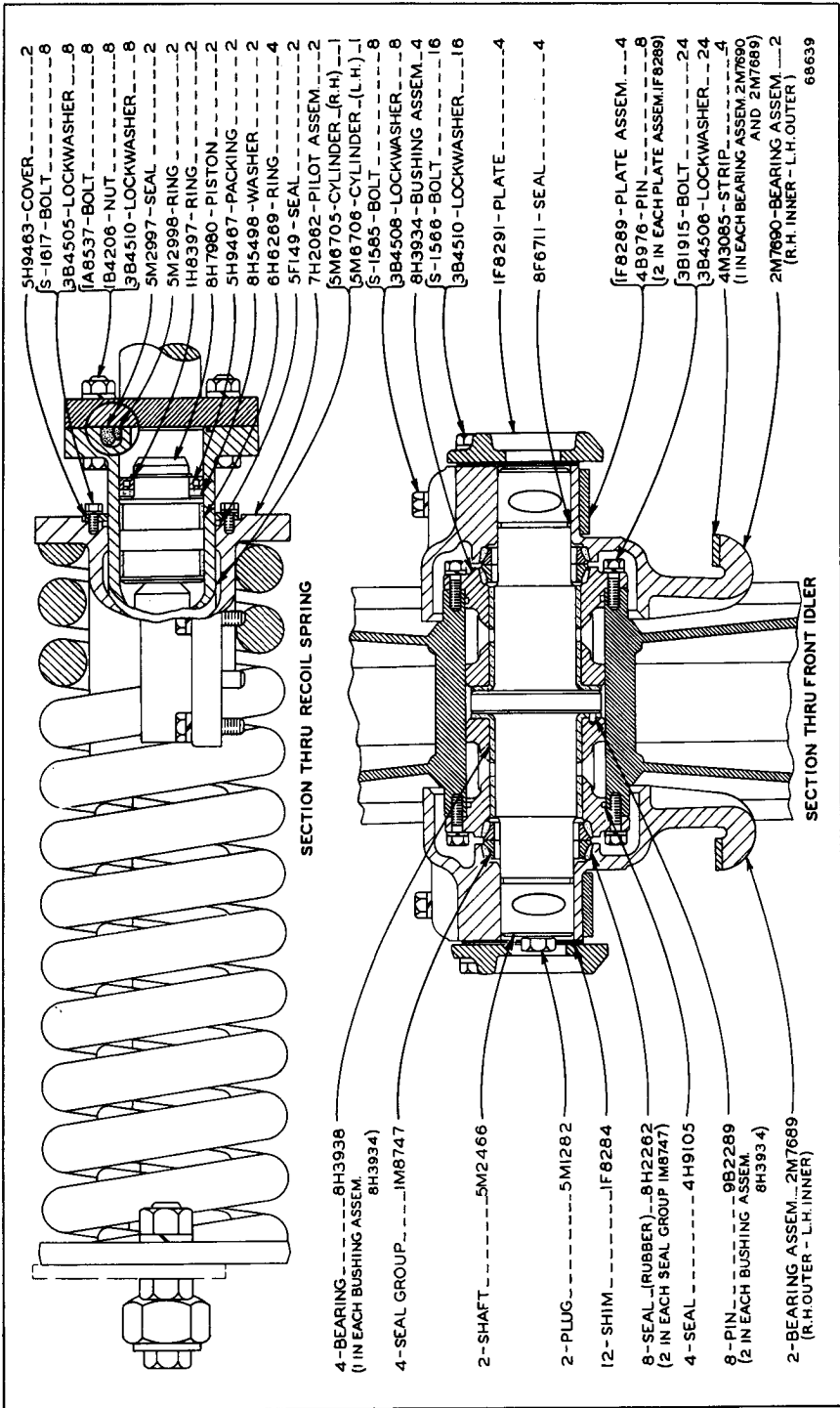
8M7375 TRACK GROUP—18" Triple Grouser Shoe—2 Groups Required
 Refer also to Page 214 for special parts

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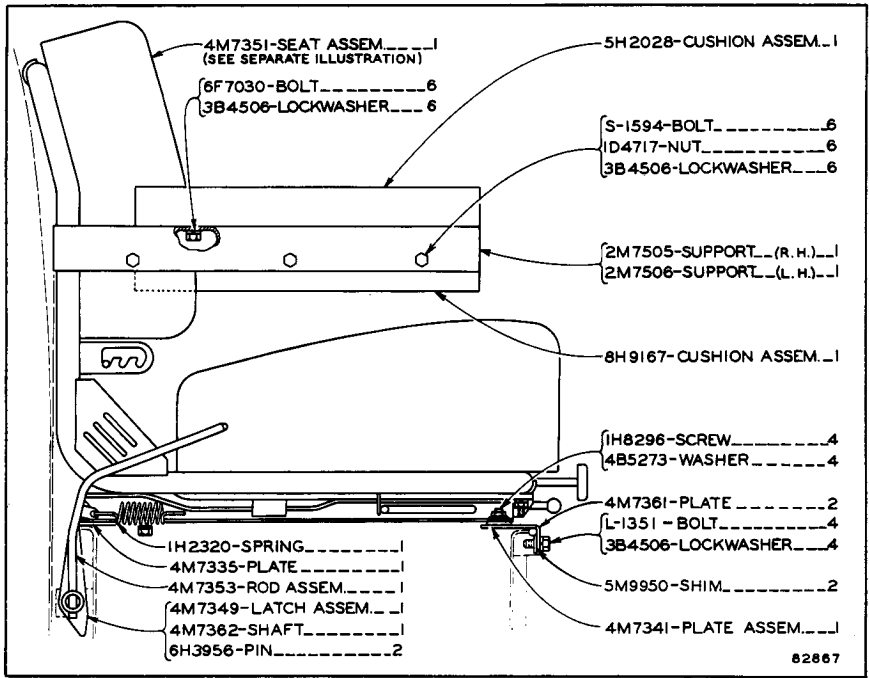


FRONT IDLER—Part One

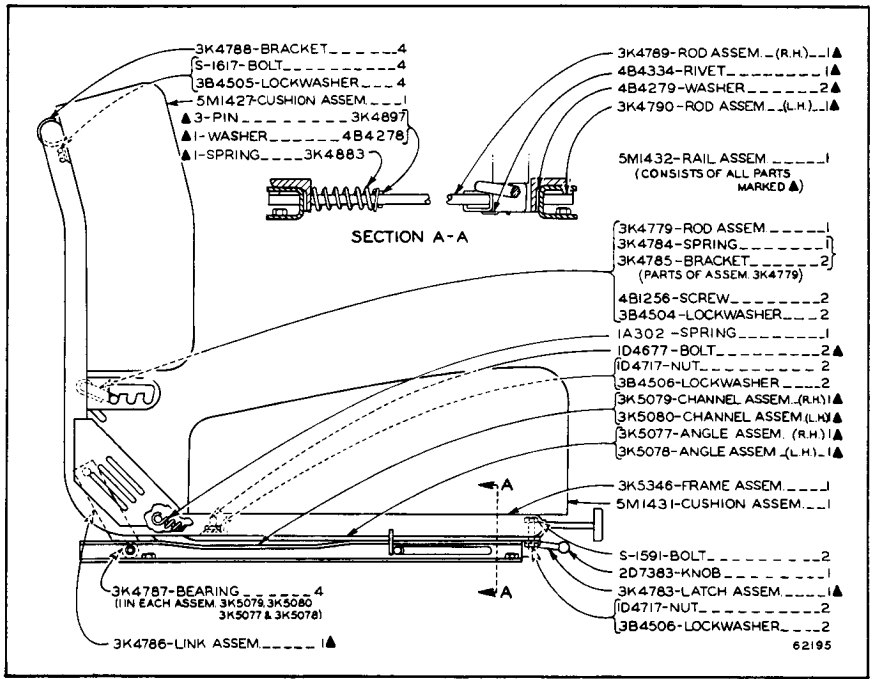
Note: Quantities shown are those required for both R.H. and L.H. sides



FRONT IDLER—Part Two
 Note: Quantities shown are those required for both R.H. and L.H. sides

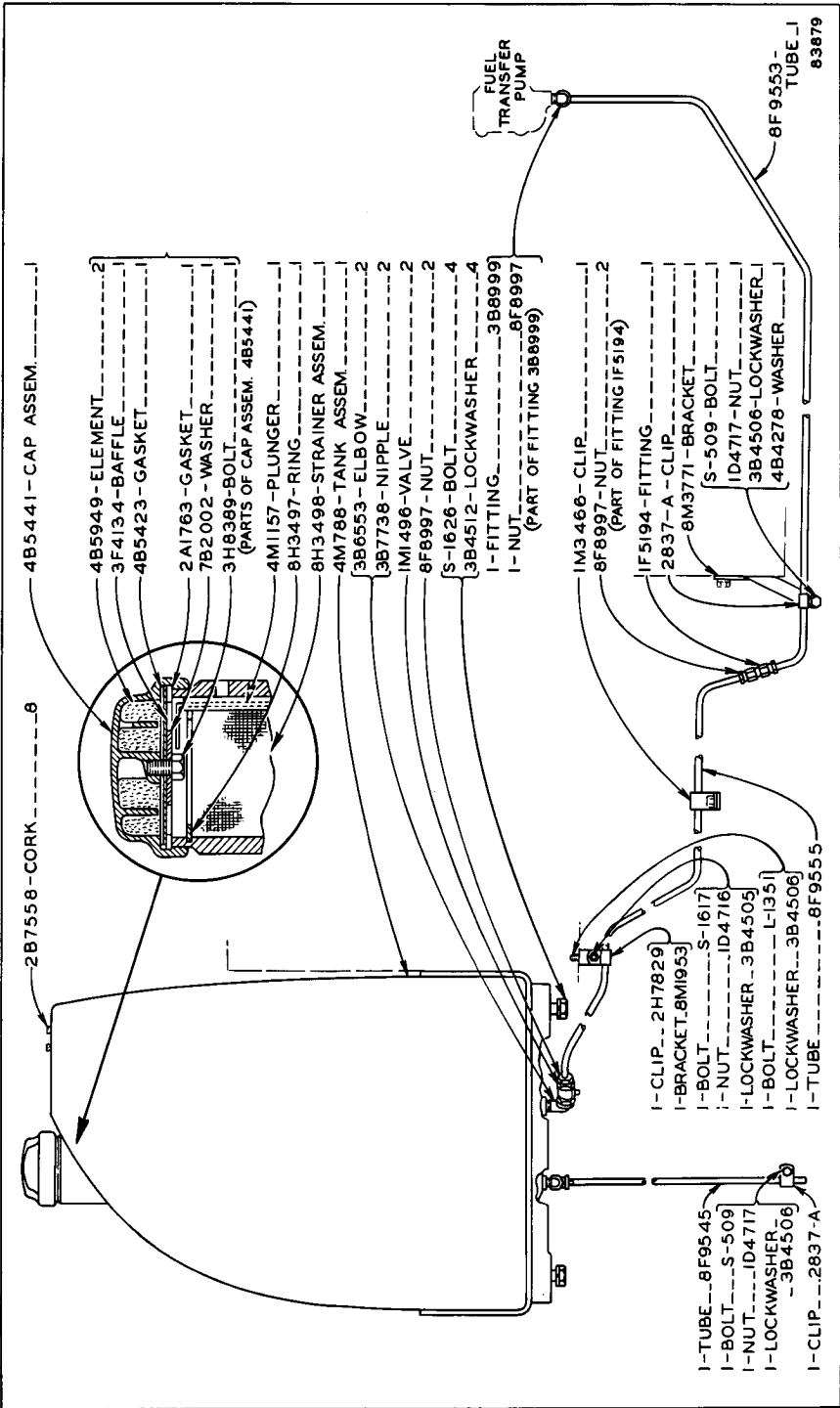


SEAT CUSHIONS



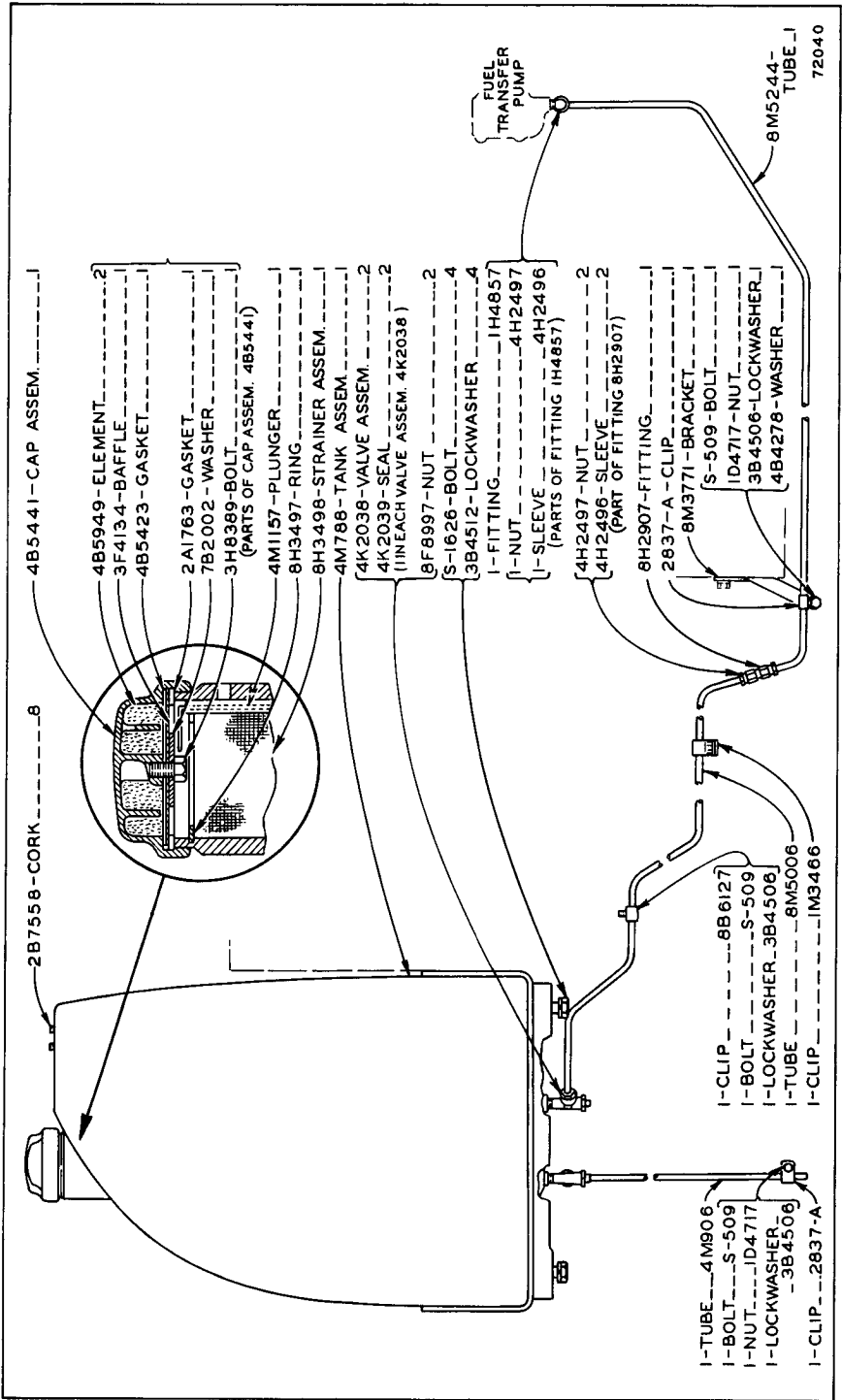
4M7351 SEAT ASSEMBLY
Part of Seat Cushions

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



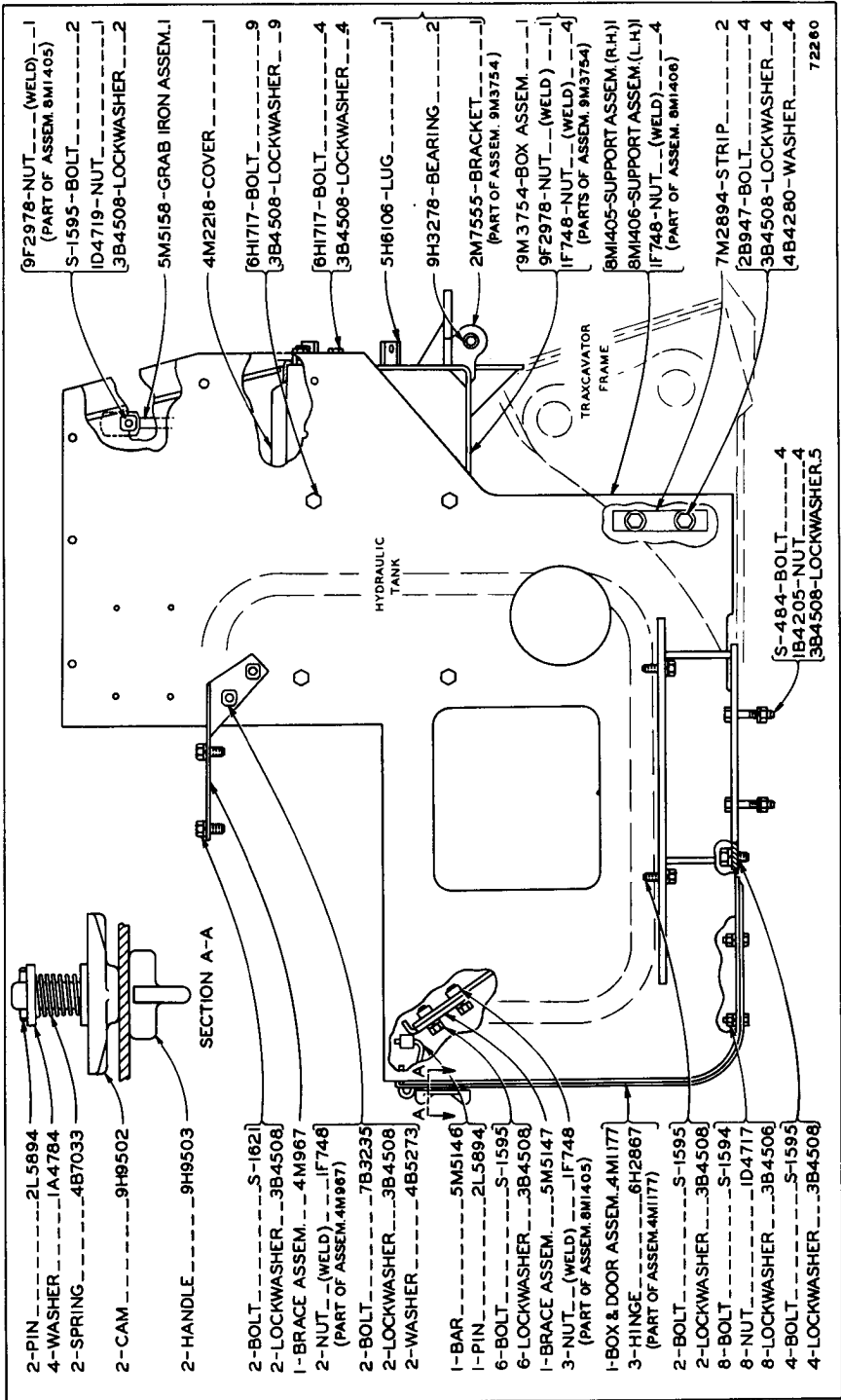
FUEL SYSTEM

Serial No. 53A3000 to 53A3004 inclusive

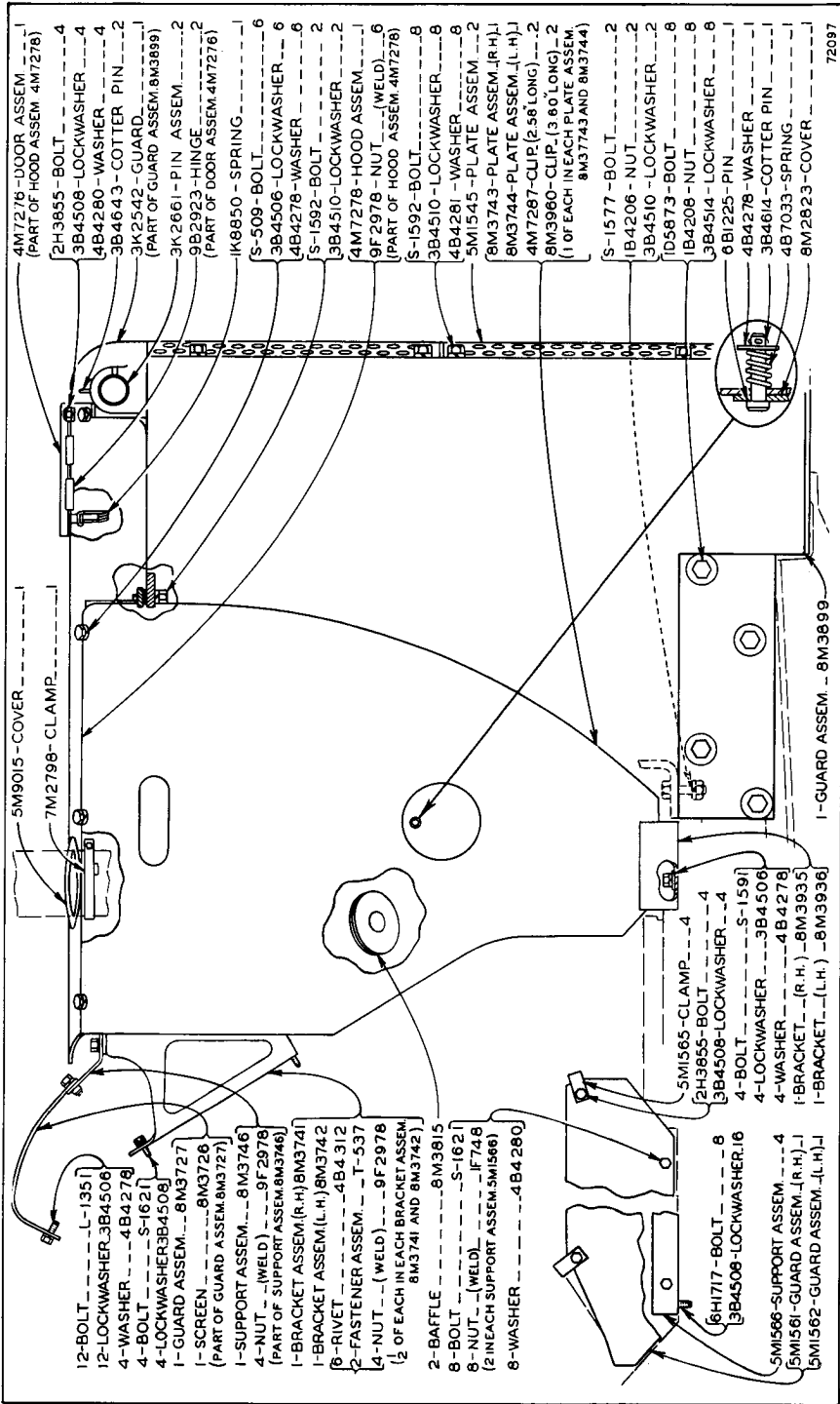


FUEL SYSTEM
Effective with Serial No. 53A3005

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



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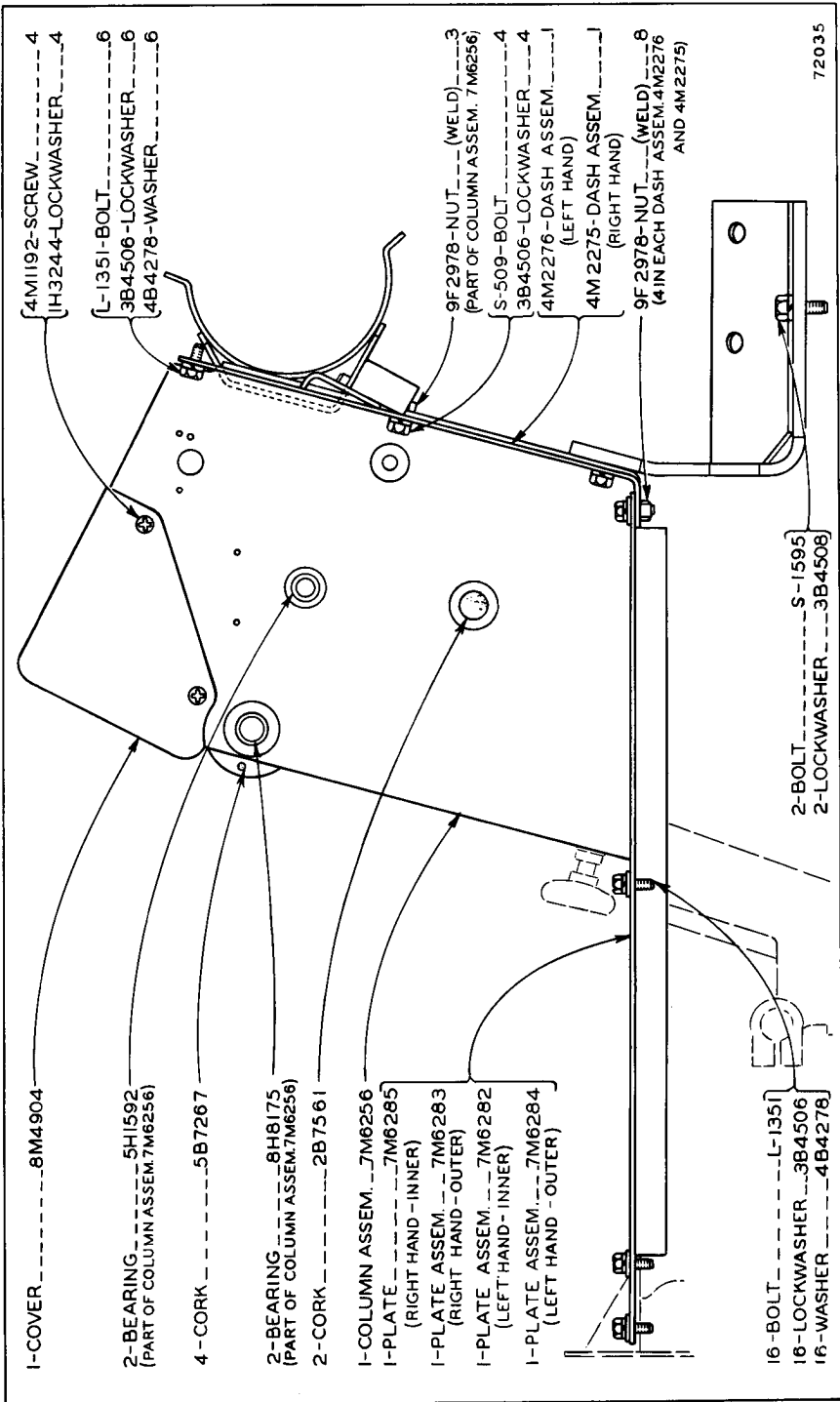
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

HOOD AND GUARD

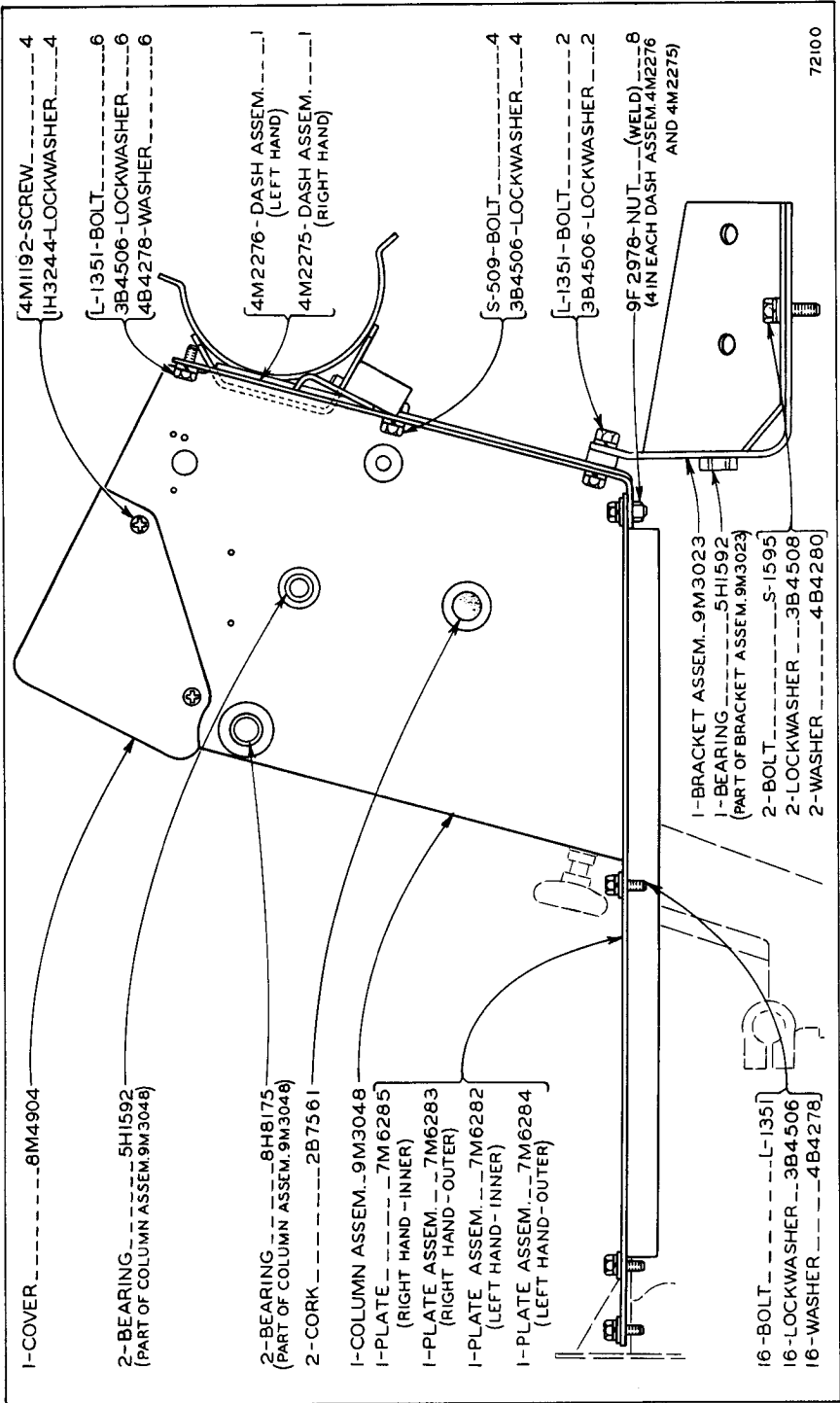
72097

- 4M7276-DOOR ASSEM. (PART OF HOOD ASSEM. 4M7276) --- 1
- 2H3855-BOLT --- 4
- 3B4508-LOCKWASHER --- 4
- 4B4280-WASHER --- 4
- 3B4643-COTTER PIN --- 2
- 3K2542-GUARD (PART OF GUARD ASSEM. 8M3889) --- 1
- 3K2661-PIN ASSEM. --- 2
- 9B2923-HINGE (PART OF DOOR ASSEM. 4M7276) --- 2
- 1K8850-SPRING --- 1
- S-509-BOLT --- 6
- 3B4506-LOCKWASHER --- 6
- 4B4278-WASHER --- 6
- S-1592-BOLT --- 2
- 3B4510-LOCKWASHER --- 2
- 4M7278-HOOD ASSEM. --- 1
- 9F2978-NUT (WELD) (PART OF HOOD ASSEM. 4M7278) --- 6
- S-1592-BOLT --- 8
- 3B4510-LOCKWASHER --- 8
- 4B4281-WASHER --- 8
- 5M1545-PLATE ASSEM. --- 2
- 8M3743-PLATE ASSEM. (R.H.) --- 1
- 8M3744-PLATE ASSEM. (L.H.) --- 1
- 4M7287-CLIP (2.58" LONG) --- 2
- 8M3960-CLIP (3.80" LONG) (1 OF EACH IN EACH PLATE ASSEM. 8M3743 AND 8M3744) --- 2
- S-1577-BOLT --- 2
- 1B4206-NUT --- 2
- 3B4510-LOCKWASHER --- 2
- 1D5673-BOLT --- 6
- 1B4208-NUT --- 8
- 3B4514-LOCKWASHER --- 6
- 6B1225-PIN --- 1
- 4B4278-WASHER --- 1
- 3B4614-COTTER PIN --- 1
- 4B7033-SPRING --- 1
- 8M2823-COVER --- 1

- 5M9015-COVER --- 1
- 7M2798-CLAMP --- 1
- 12-BOLT --- 1-1351
- 12-LOCKWASHER --- 3B4506
- 4-WASHER --- 4B4278
- 4-BOLT --- S-1621
- 4-LOCKWASHER --- 3B4508
- 1-GUARD ASSEM. --- 8M3726 (PART OF GUARD ASSEM. 8M3727)
- 1-SUPPORT ASSEM. --- 8M3746
- 4-NUT --- (WELD) --- 9F2978 (PART OF SUPPORT ASSEM. 8M3746)
- 1-BRACKET ASSEM. (R.H.) --- 8M3741
- 1-BRACKET ASSEM. (L.H.) --- 8M3742
- 6-RIVET --- 4B4312
- 2-FASTENER ASSEM. --- T-537
- 4-NUT --- (WELD) --- 9F2978 (1/2 OF EACH IN EACH BRACKET ASSEM. 8M3741 AND 8M3742)
- 2-BAFFLE --- 8M3815
- 8-BOLT --- S-1621
- 8-NUT --- (WELD) --- IF 748 (2 IN EACH SUPPORT ASSEM. 5M1566)
- 8-WASHER --- 4B4280
- 5M1565-CLAMP --- 4
- 2H3855-BOLT --- 4
- 3B4508-LOCKWASHER --- 4
- 4-BOLT --- S-1591
- 4-LOCKWASHER --- 3B4506
- 4-WASHER --- 4B4278
- 1-BRACKET --- (R.H.) --- 8M3935
- 1-BRACKET --- (L.H.) --- 6M3936
- 6H1717-BOLT --- 8
- 3B4508-LOCKWASHER --- 16
- 5M1566-SUPPORT ASSEM. --- 4
- 5M1561-GUARD ASSEM. (R.H.) --- 1
- 5M1562-GUARD ASSEM. (L.H.) --- 1

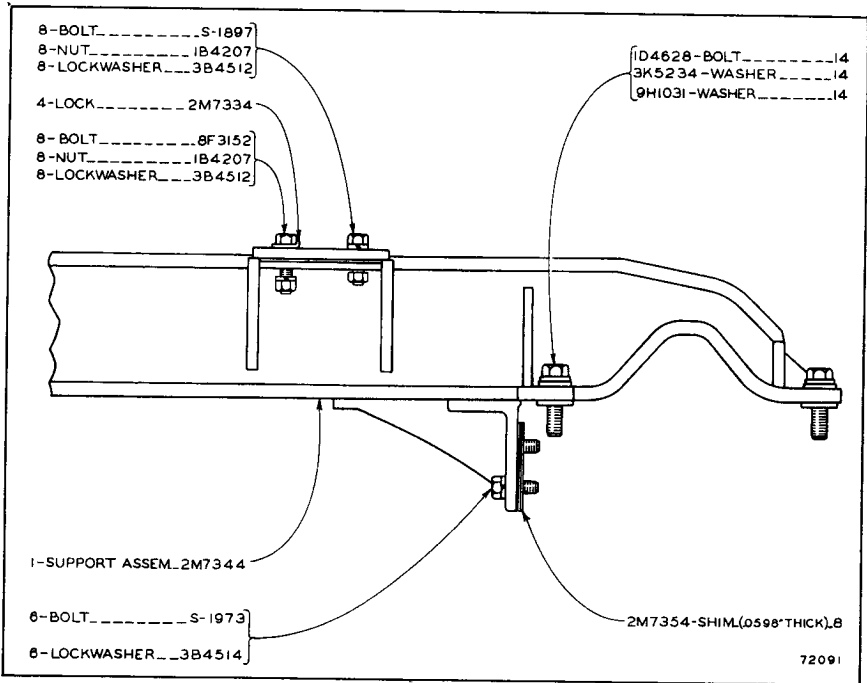


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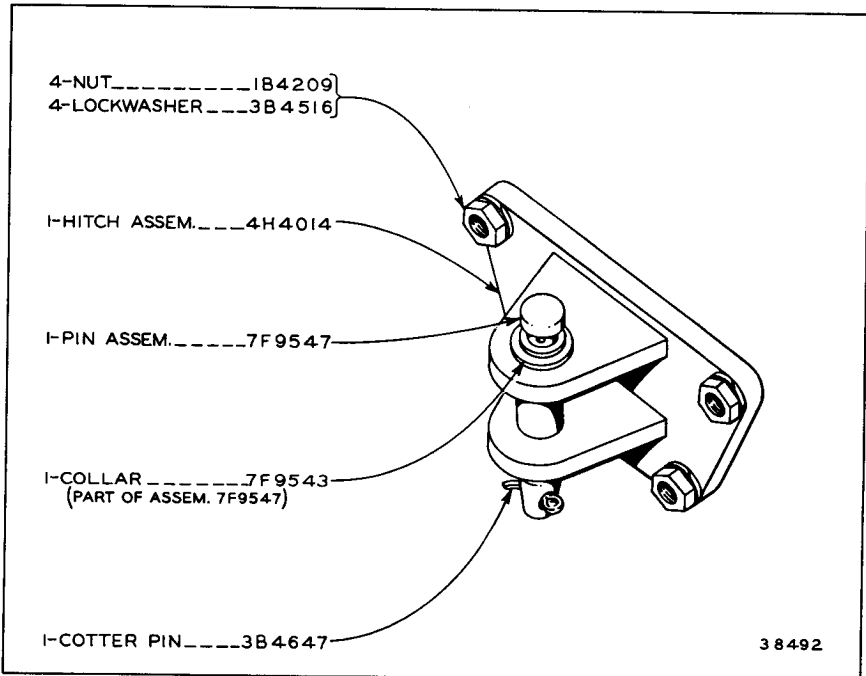


FLOOR AND LOWER DASH PLATE
Effective with Serial No. 53A3114

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

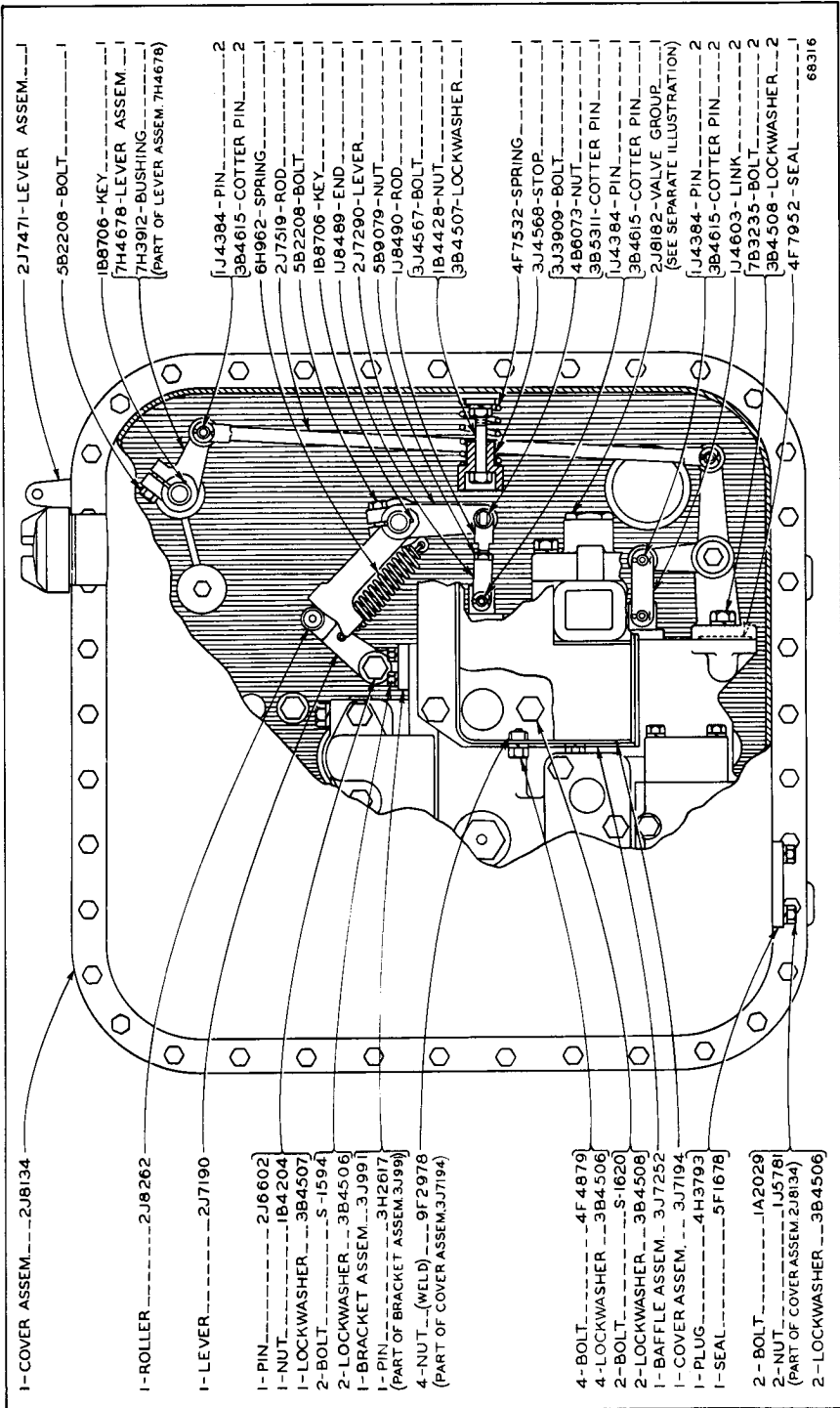


MAIN FRAME SUPPORT

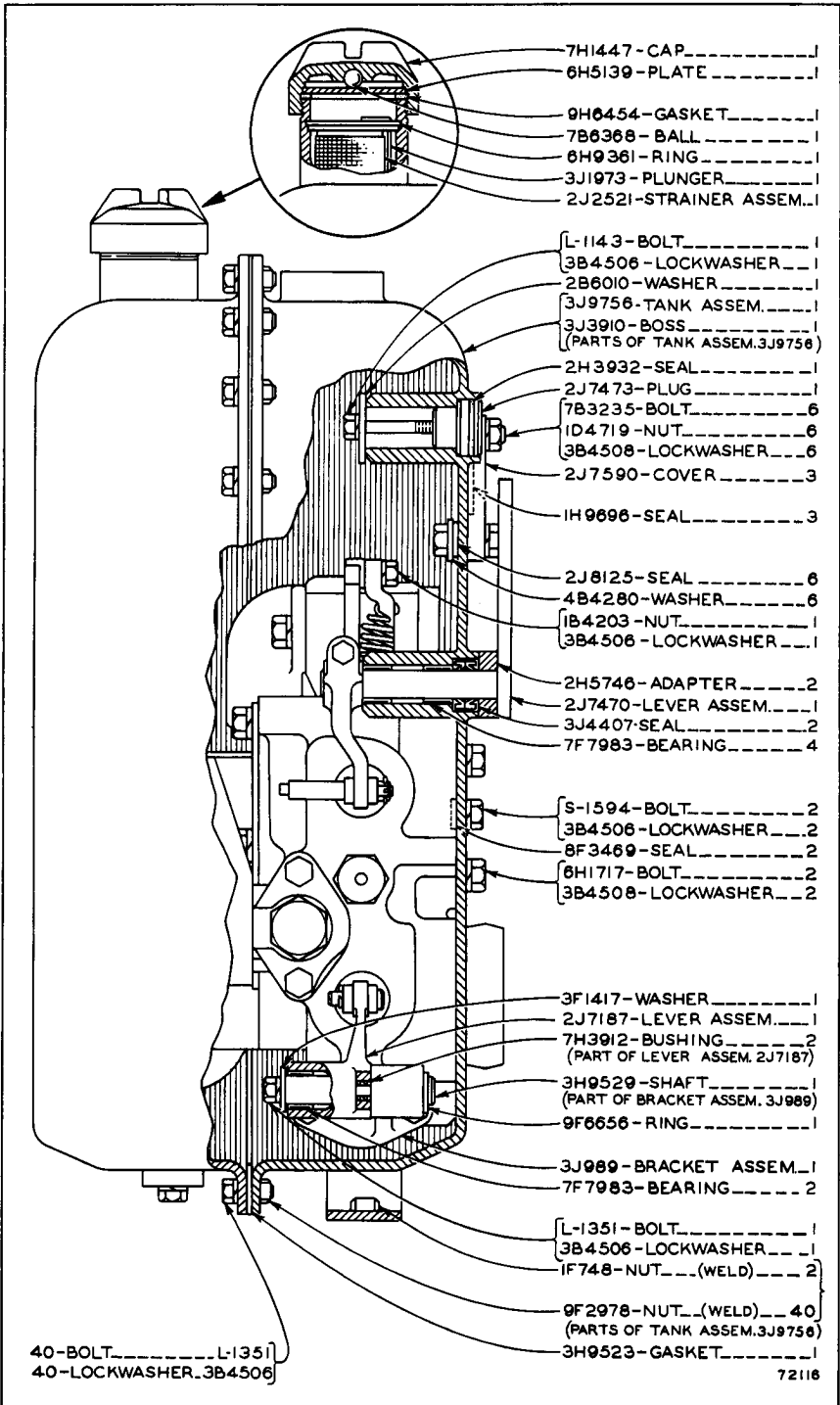


4H4015 HITCH GROUP

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

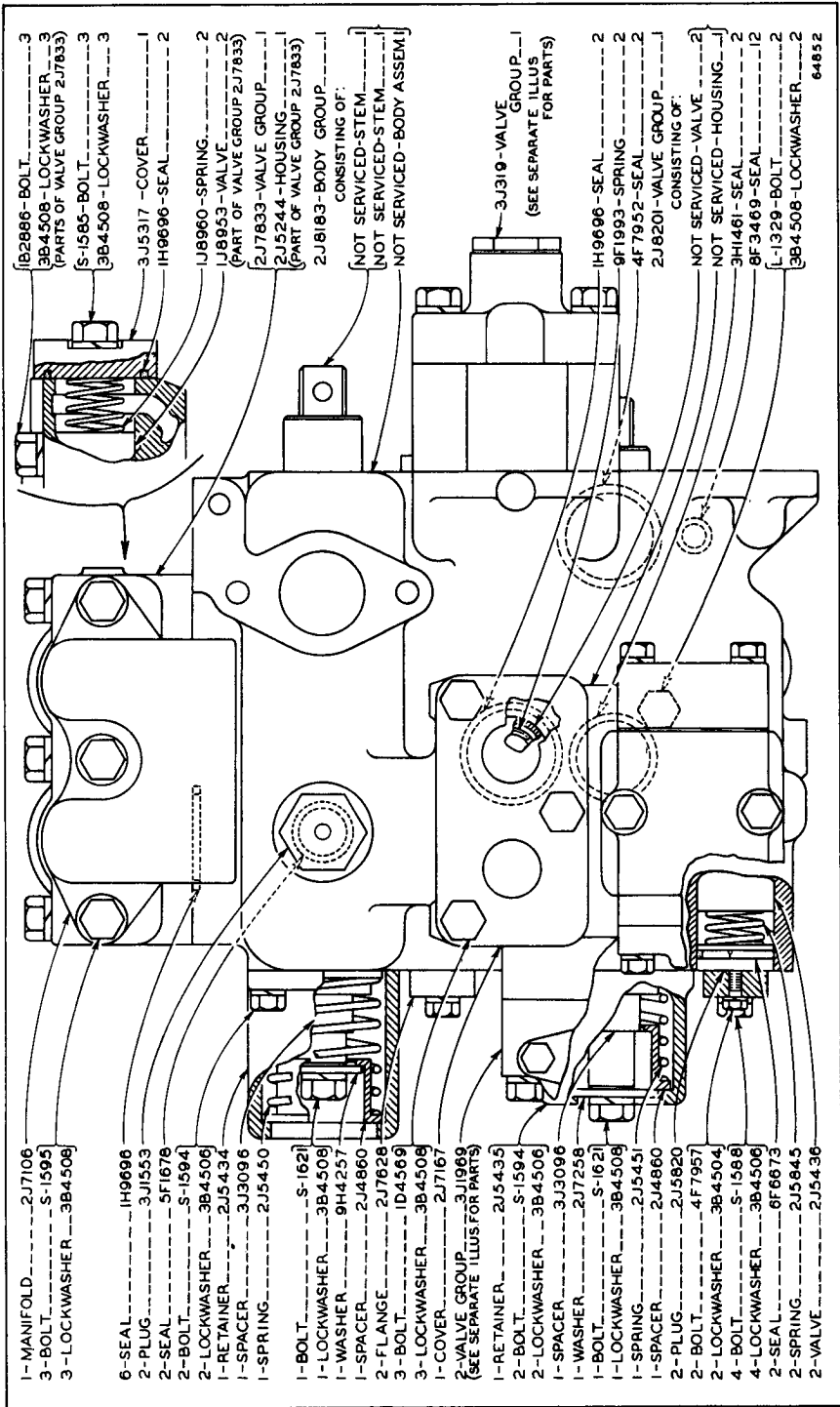


2J7886 TANK AND VALVE GROUP—Front View
 2J8182 Control Valve Group parts are shown on Page 118
 Refer also to Pages 178, 179 and 204 for special parts



2J7886 TANK AND VALVE GROUP—End View
 Refer also to Pages 178, 179 and 204 for special parts

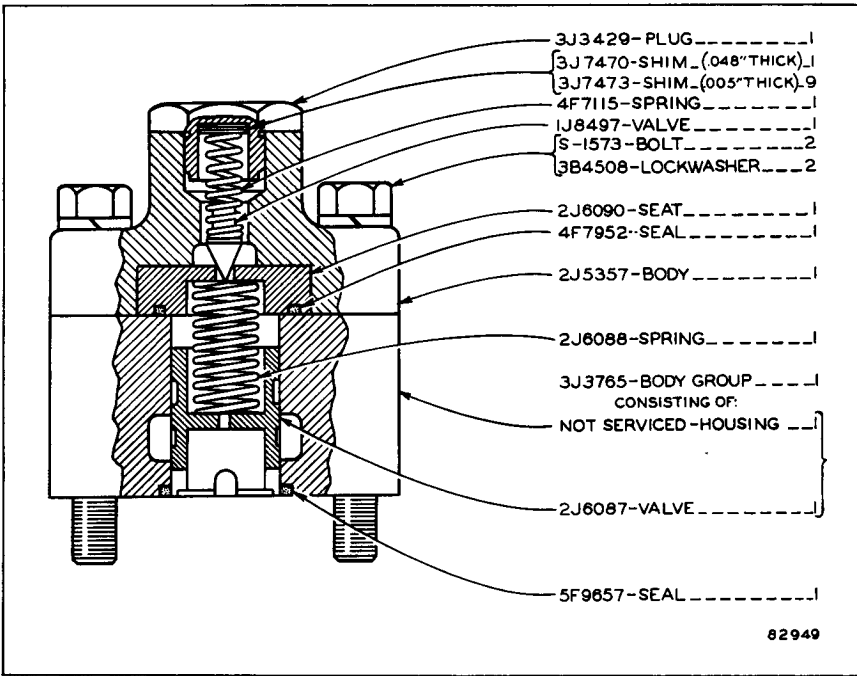
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



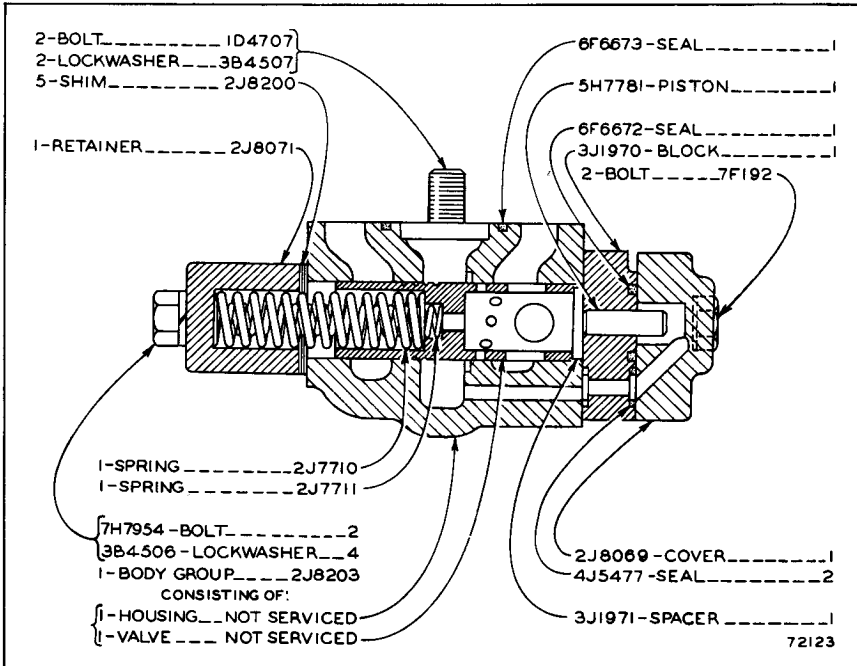
2J8182 CONTROL VALVE GROUP

Part of 2J7886, 2J8321, 2J8329 and 1K7852 Tank and Valve Groups shown on Pages 116, 181, 187 and 208

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

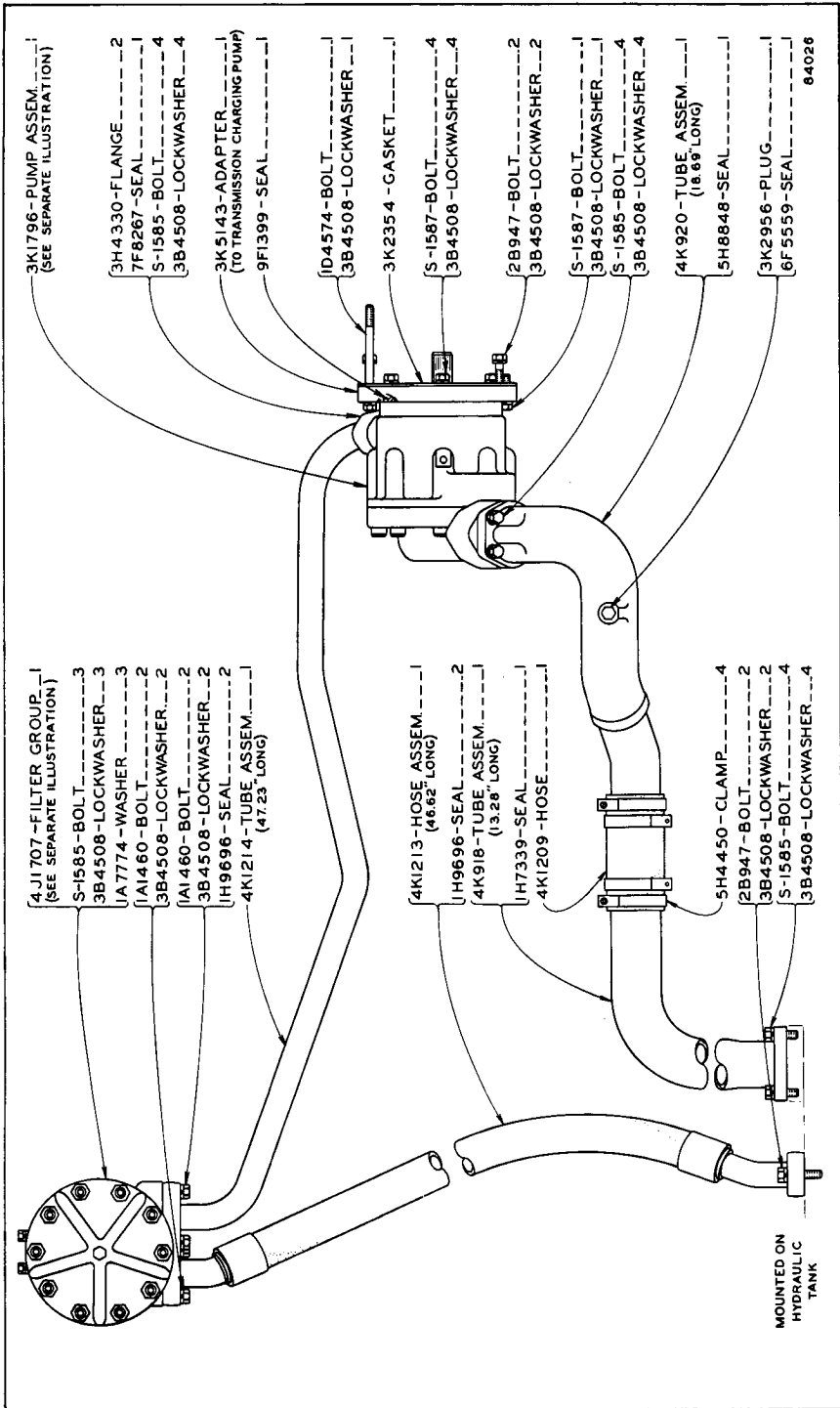


3J319 RELIEF VALVE GROUP
 Part of 2J8182 Control Valve Group



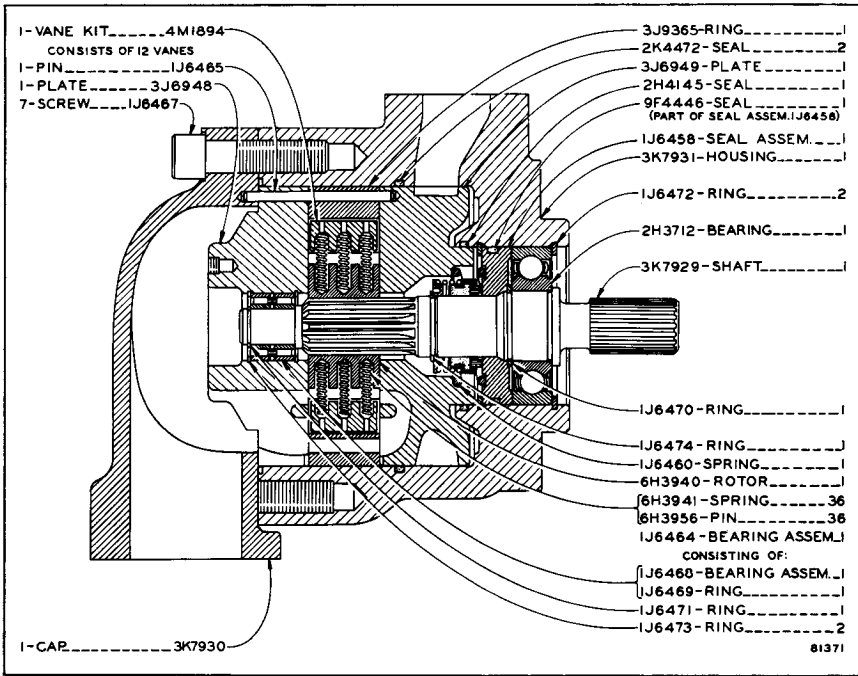
3J1969 RELIEF VALVE GROUP-Tilt
 Part of 2J8182 and 4J5488 Control Valve Groups shown on Pages 118 and 194

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

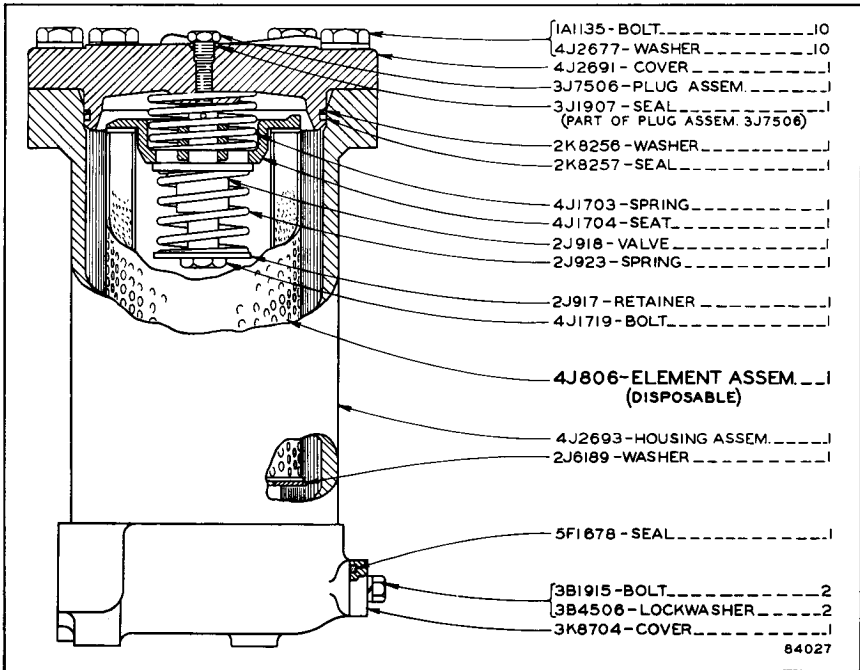


HYDRAULIC PUMP AND LINES

Refer also to Pages 178, 179 and 204 for special parts

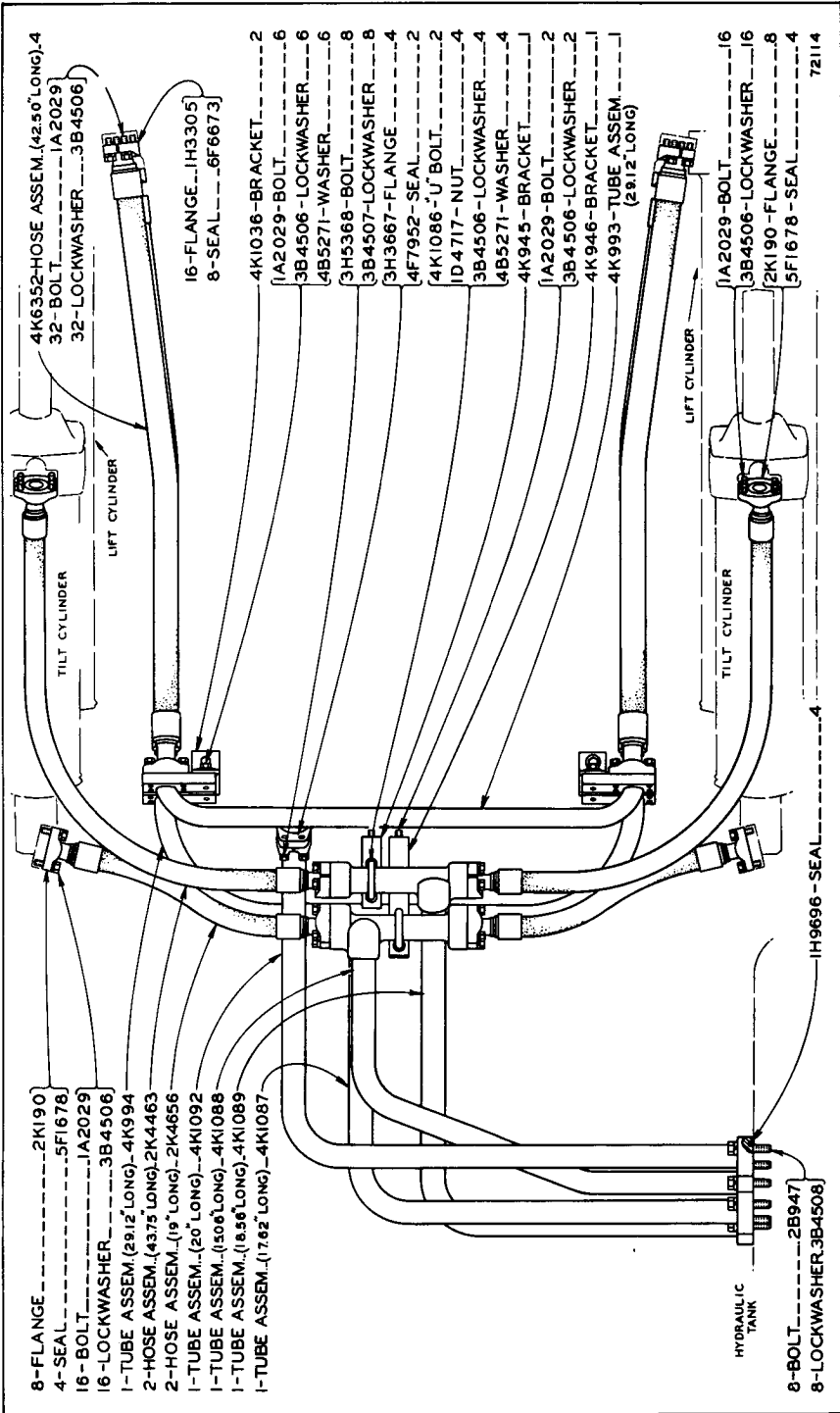


3K1796 HYDRAULIC PUMP ASSEMBLY
 Part of Hydraulic Pump and Lines

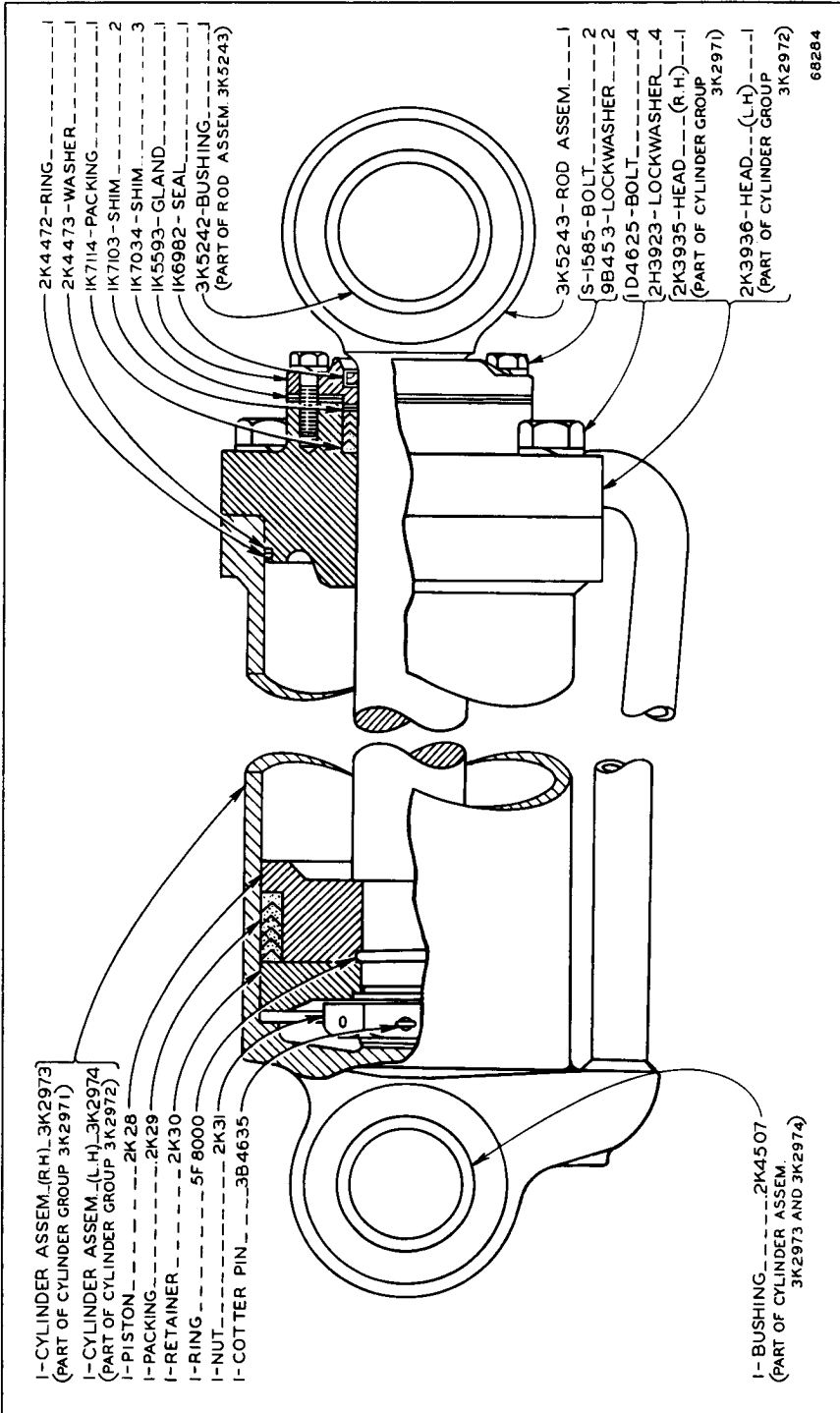


4J1707 HYDRAULIC OIL FILTER GROUP
 Part of Hydraulic Pump and Lines

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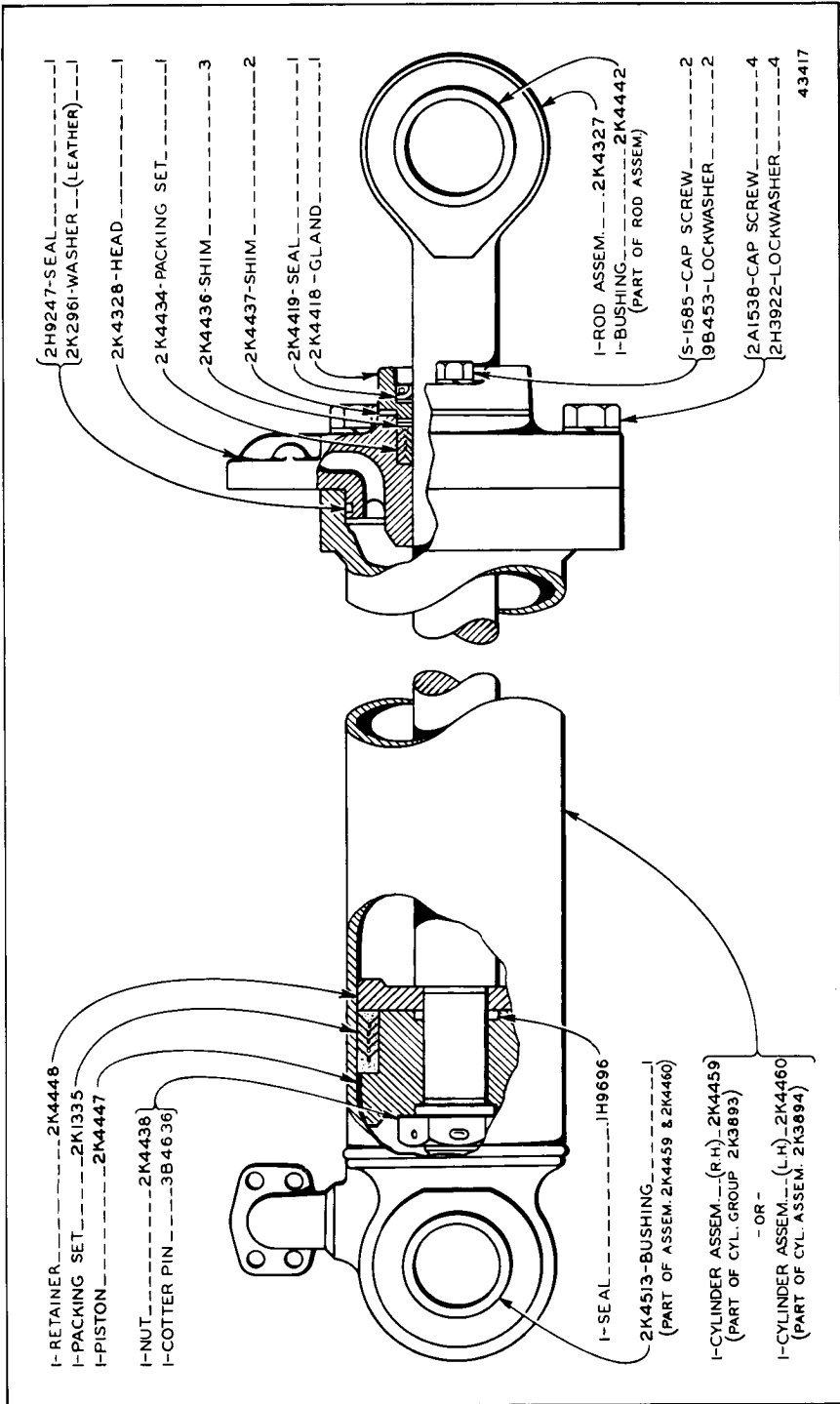


ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



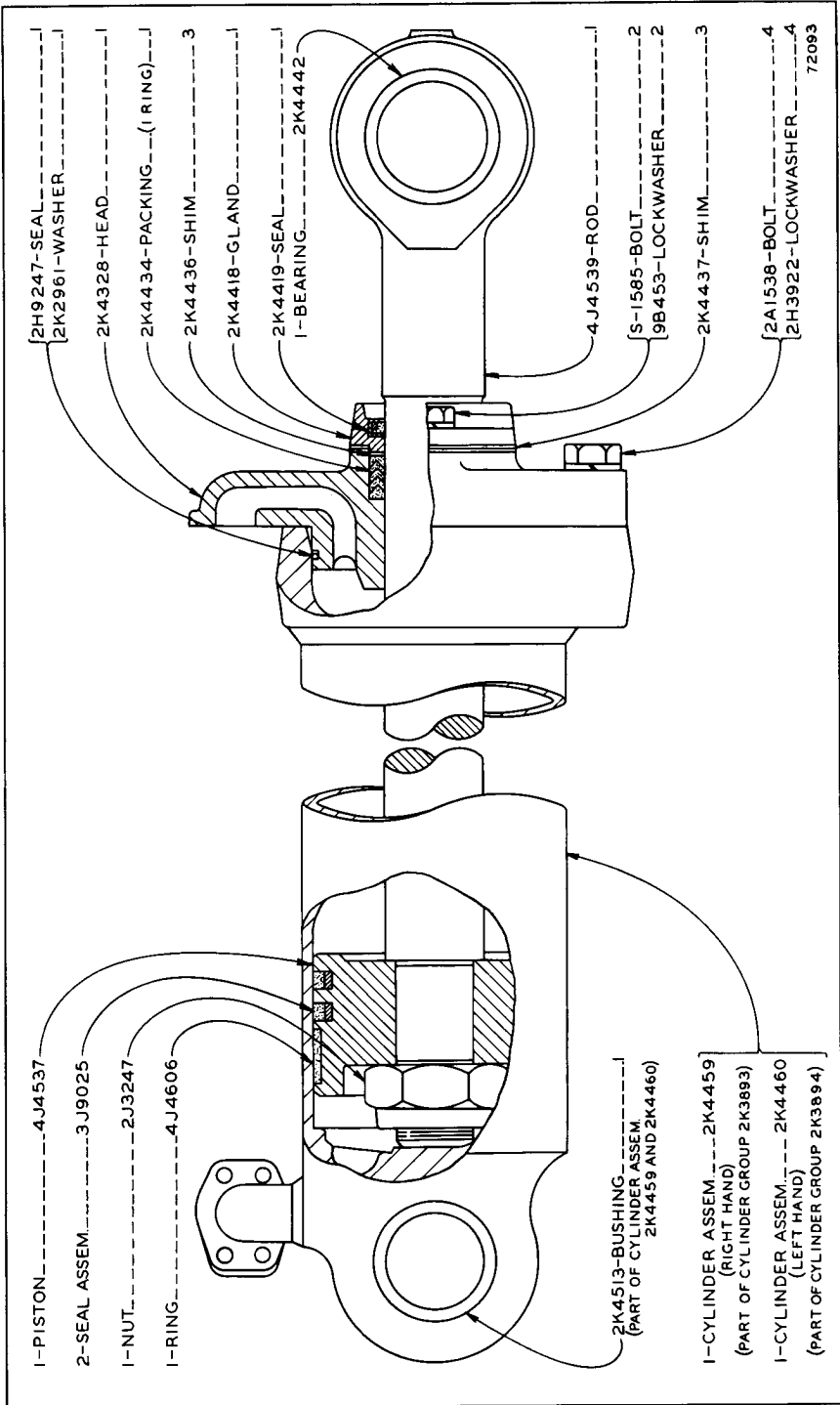
3K2971 LIFT CYLINDER GROUP—R.H.—6.5" x 34.5"
3K2972 LIFT CYLINDER GROUP—L.H.—6.5" x 34.5"

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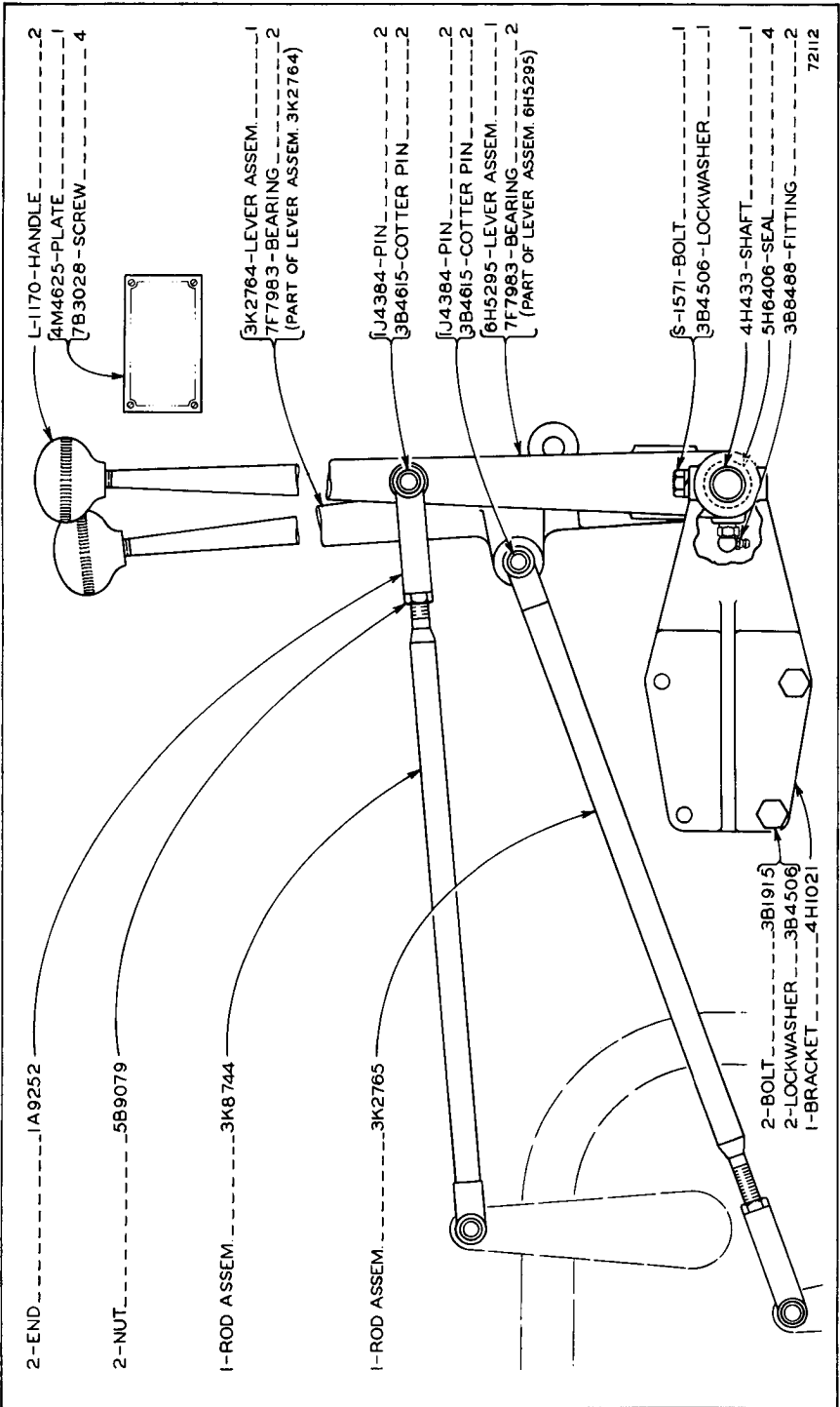
2K3893 TILT CYLINDER GROUP—R.H.—5.5" x 21.38"
 2K3894 TILT CYLINDER GROUP—L.H.—5.5" x 21.38"

Serial No. 53A3000 to 53A3066, 53A3068 to 53A3078 and 53A3080 inclusive



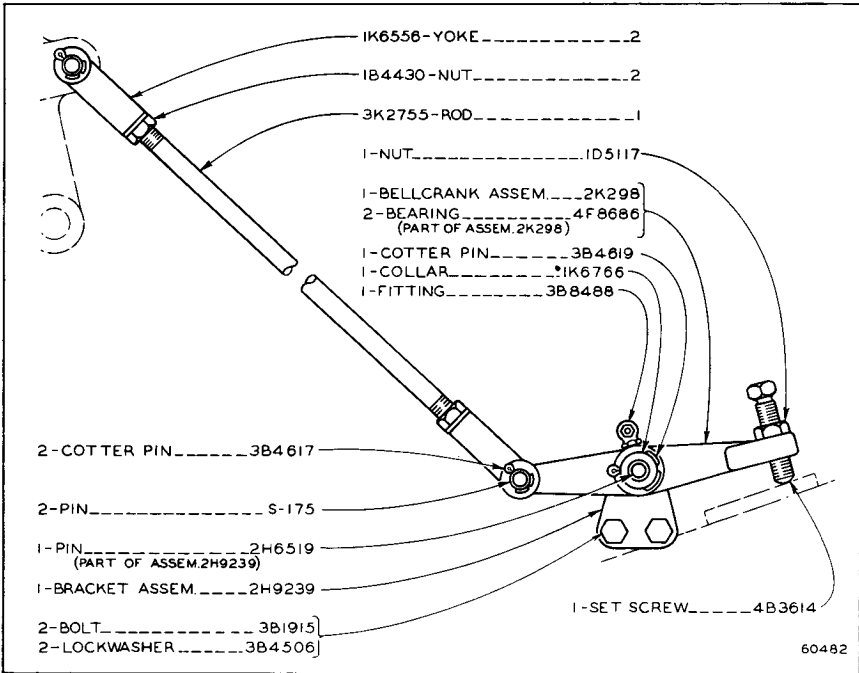
2K3893 TILT CYLINDER GROUP—R.H.—5.5" x 21.38"
 2K3894 TILT CYLINDER GROUP—L.H.—5.5" x 21.38"
 Serial No. 53A3067, 53A3079 and 53A3081—Up

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

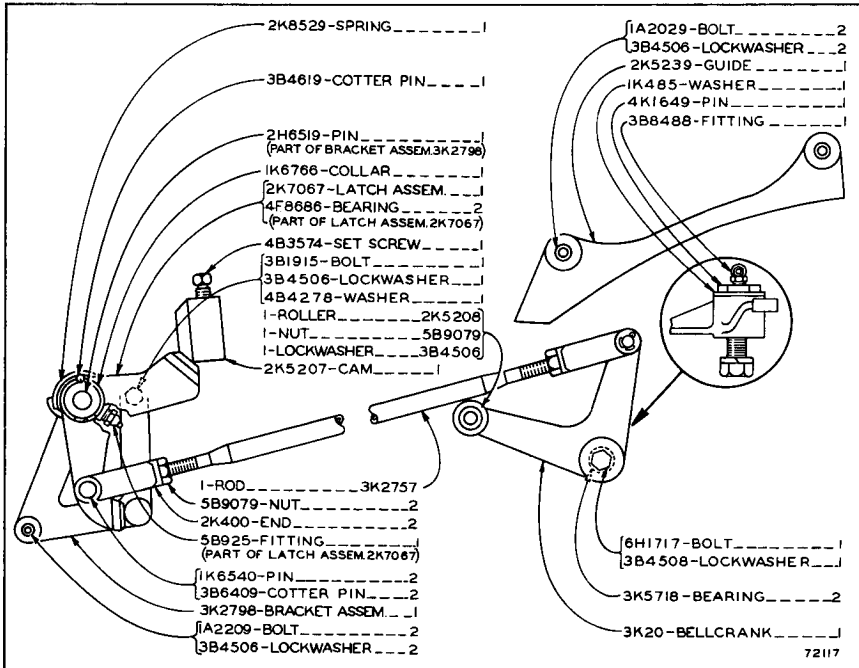


HAND CONTROL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

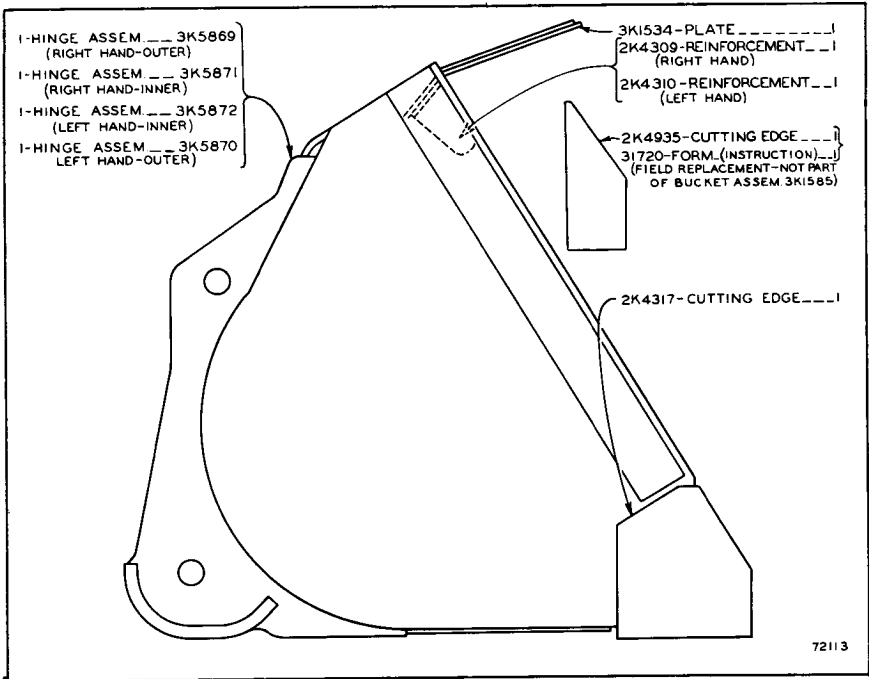


KICKOUT



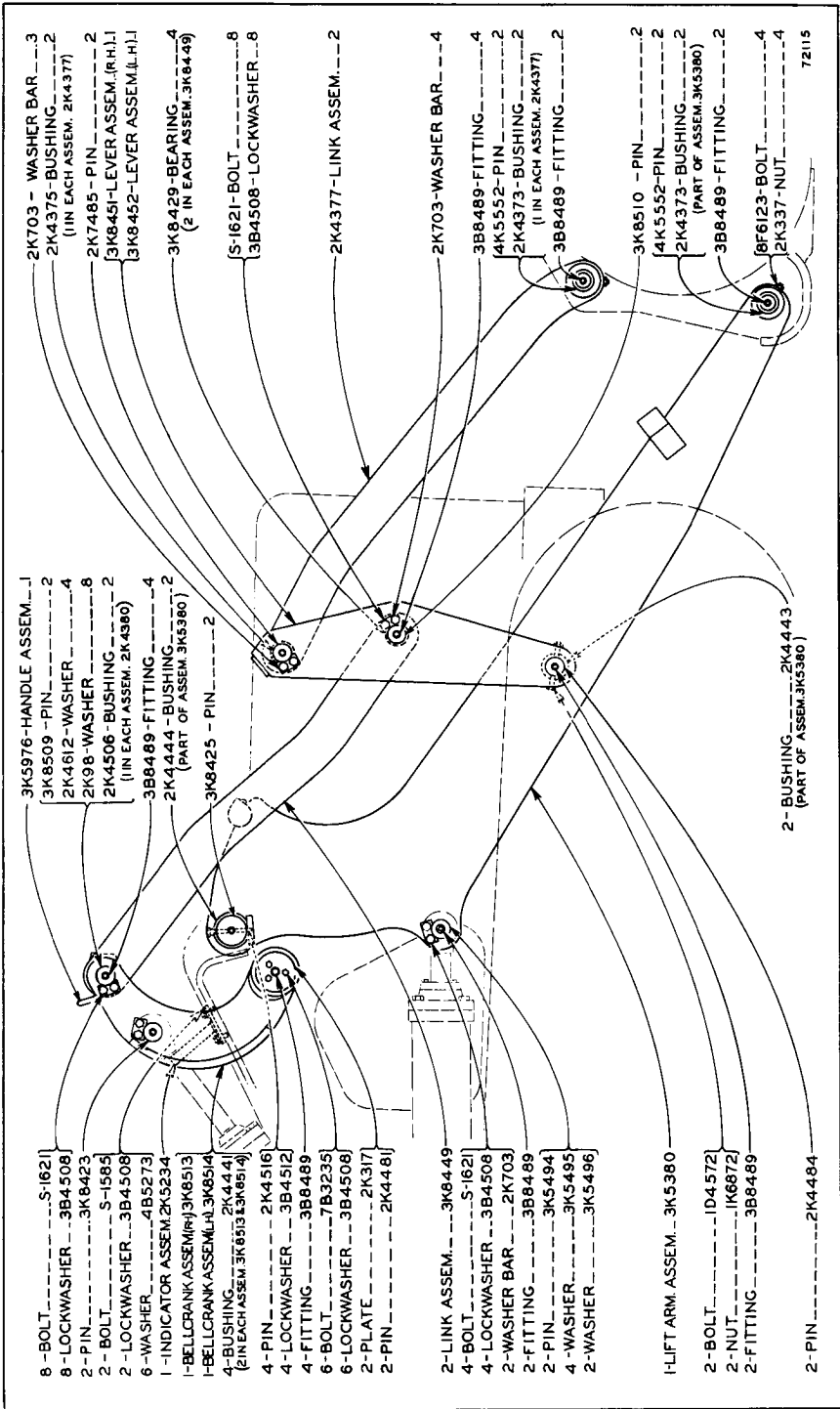
BUCKET POSITIONER

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



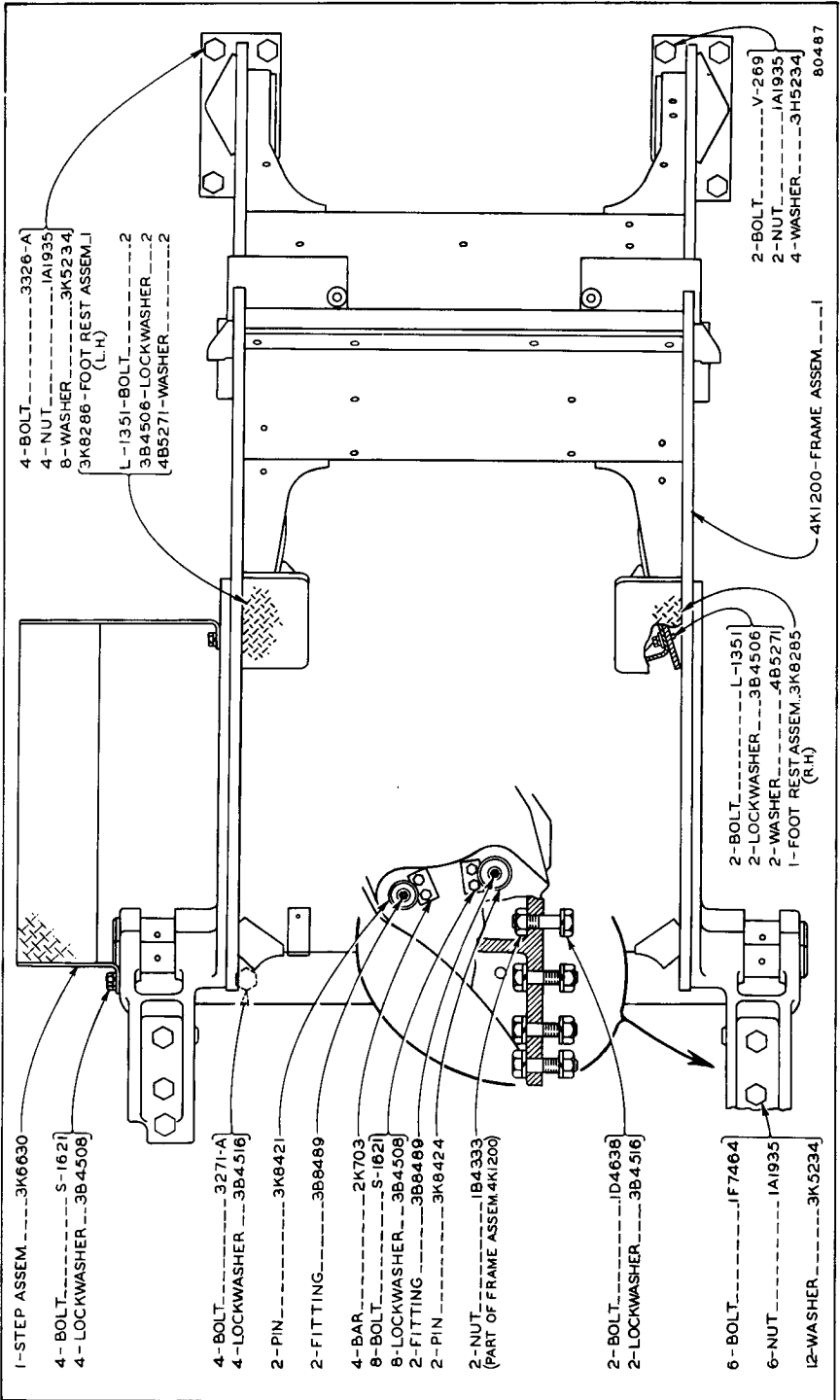
3K1585 BUCKET ASSEMBLY—2.5 Cu. Yd.—96" Wide
 Refer also to Pages 150 through 163 for special parts

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



BUCKET CONTROL

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

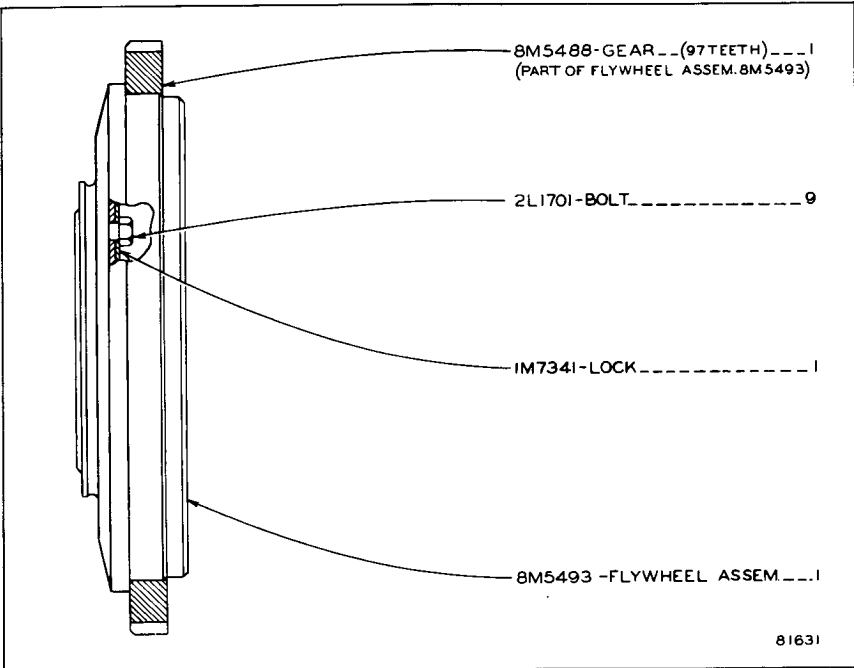


FRAME

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

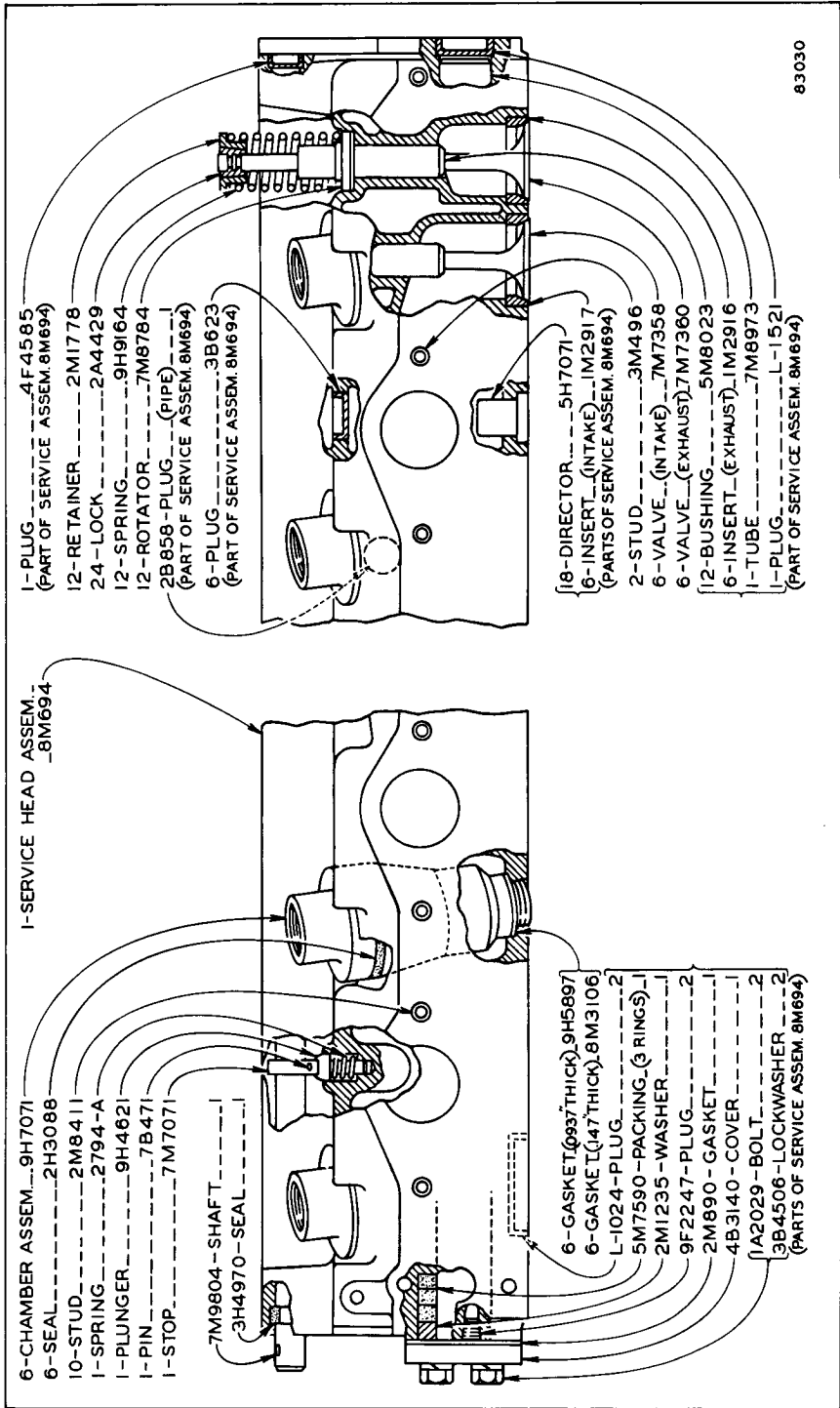
Consists of:		Page
1	Cylinder Head Assembly	132
1	Flywheel	131
1	1M55 Starting Motor Group	133
1	2M4299 Glow Plug Group	133
1	8M4078 Generator Group	136
1	8M4967 Battery and Wiring Group	138
8	3B4506 Lockwasher— $\frac{3}{8}$ "	
1	3B4508 Lockwasher— $\frac{1}{2}$ "	
1	4B5166 Cover—Water Passage	
4	5B9304 Drive Screw—Plate to Lower Dash	
2	4F8711 Plug—To Support Assembly	
1	7H4223 Gasket—Water Passage Cover	
1	4L6784 Cover—Hood	
1	1M130 Cover—Water Passage	
1	4M6480 Gasket—To Block	
1	4M6827 Cover—Governor	
1	5M1581 Plate—Starting Instructions—To Lower R.H. Dash	
1	5M1611 Support Assembly—Instrument Panel	
1	7M2756 Brace—Starting Engine Mounting Pad to Clip	
2	L-1351 Bolt—Cover to Block	
2	L-1351 Bolt—Cover to Head	
4	S-1594 Bolt—Cover to Hood	
1	S-1621 Bolt—Brace to Starting Engine Mounting Pad	

8M6194 DIRECT ELECTRIC STARTING ARRANGEMENT—24 Volt—Factory Installation



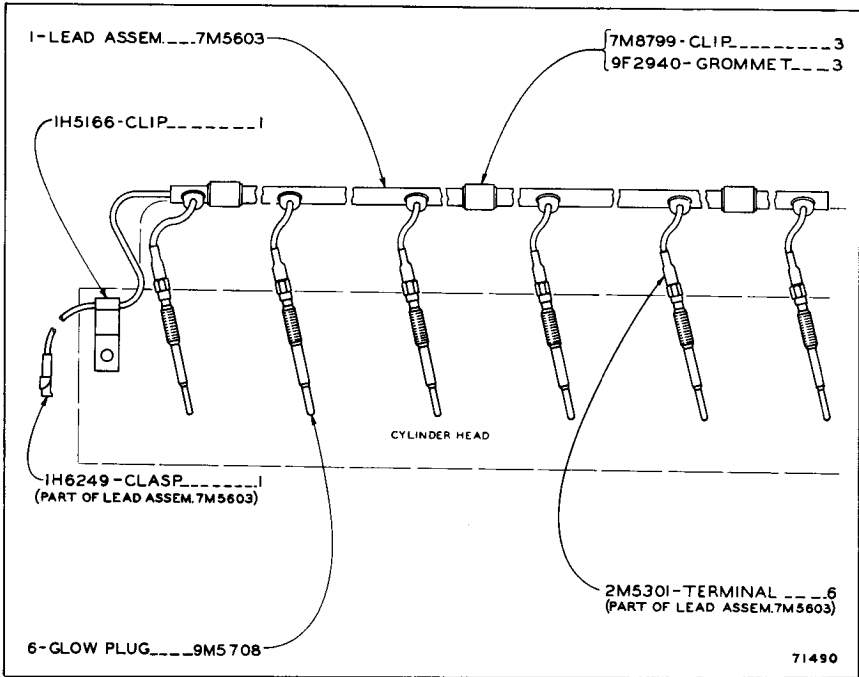
FLYWHEEL
Part of 8M6194 Direct Electric Starting Arrangement

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



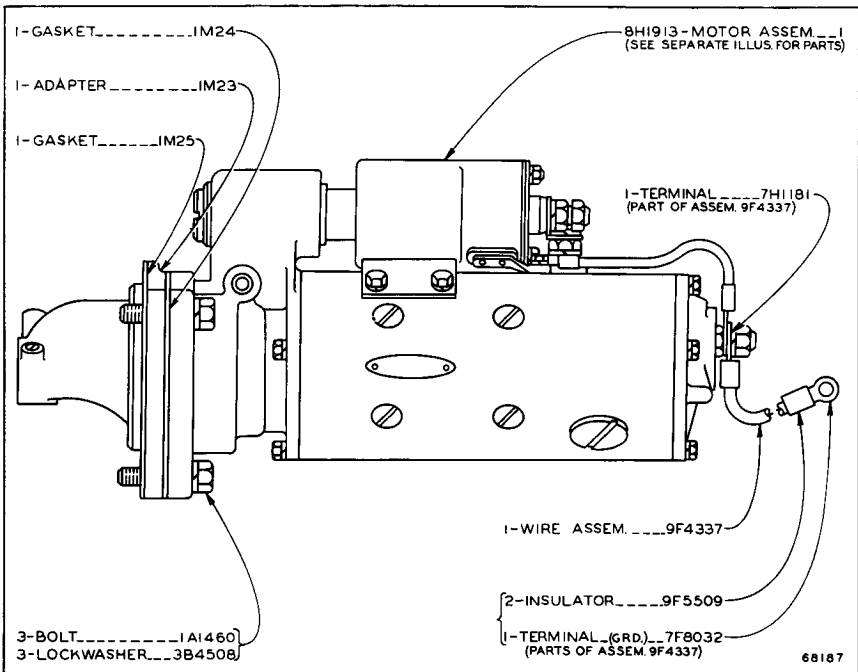
CYLINDER HEAD ASSEMBLY

Part of 8M6194 Direct Electric Starting Arrangement listed on Page 131



2M4299 GLOW PLUG AND WIRING GROUP

Part of 8M6194 Direct Electric Starting Arrangement listed on Page 131

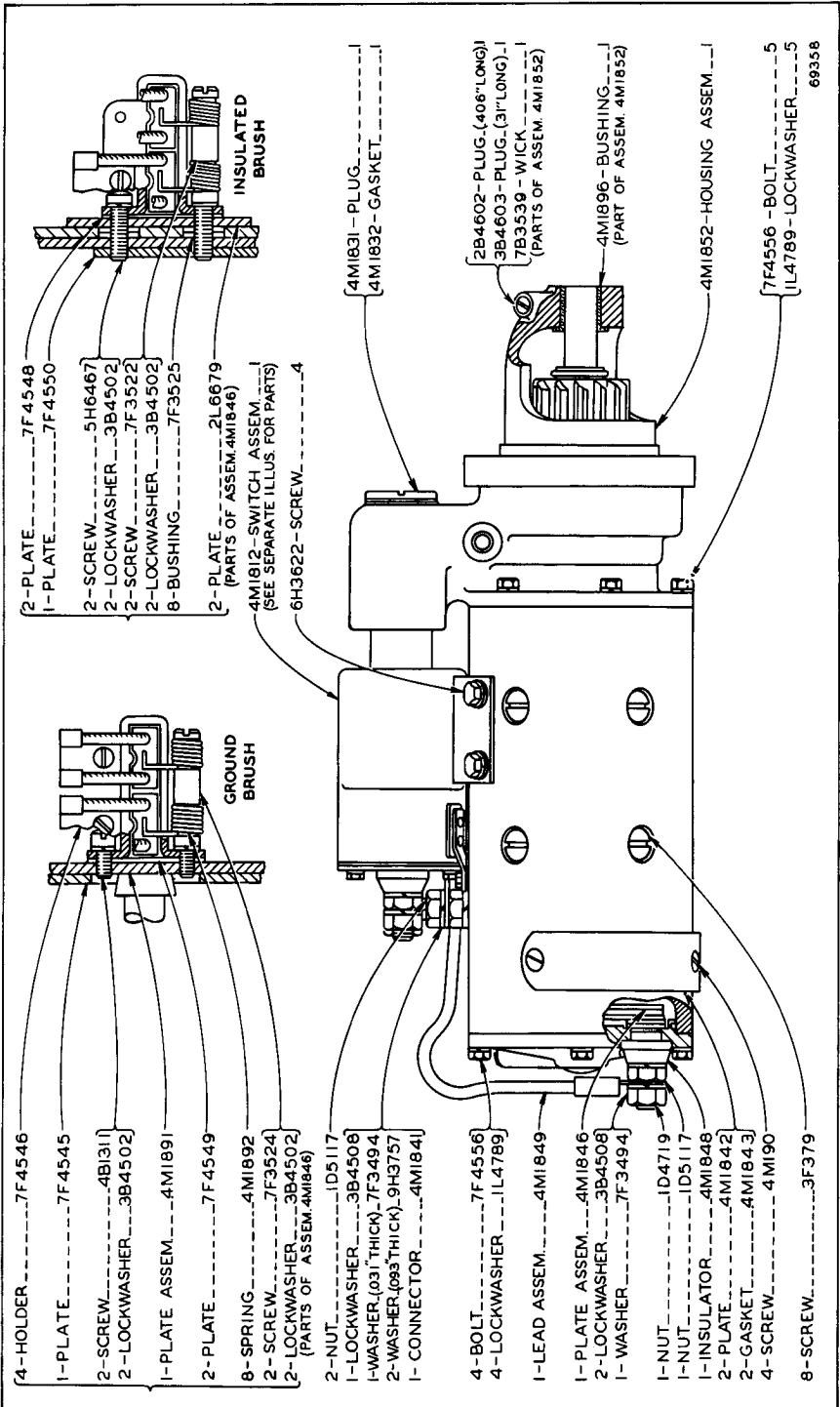


IM55 STARTING MOTOR GROUP—24 Volt

Part of 8M6194 Direct Electric Starting Arrangement listed on Page 131

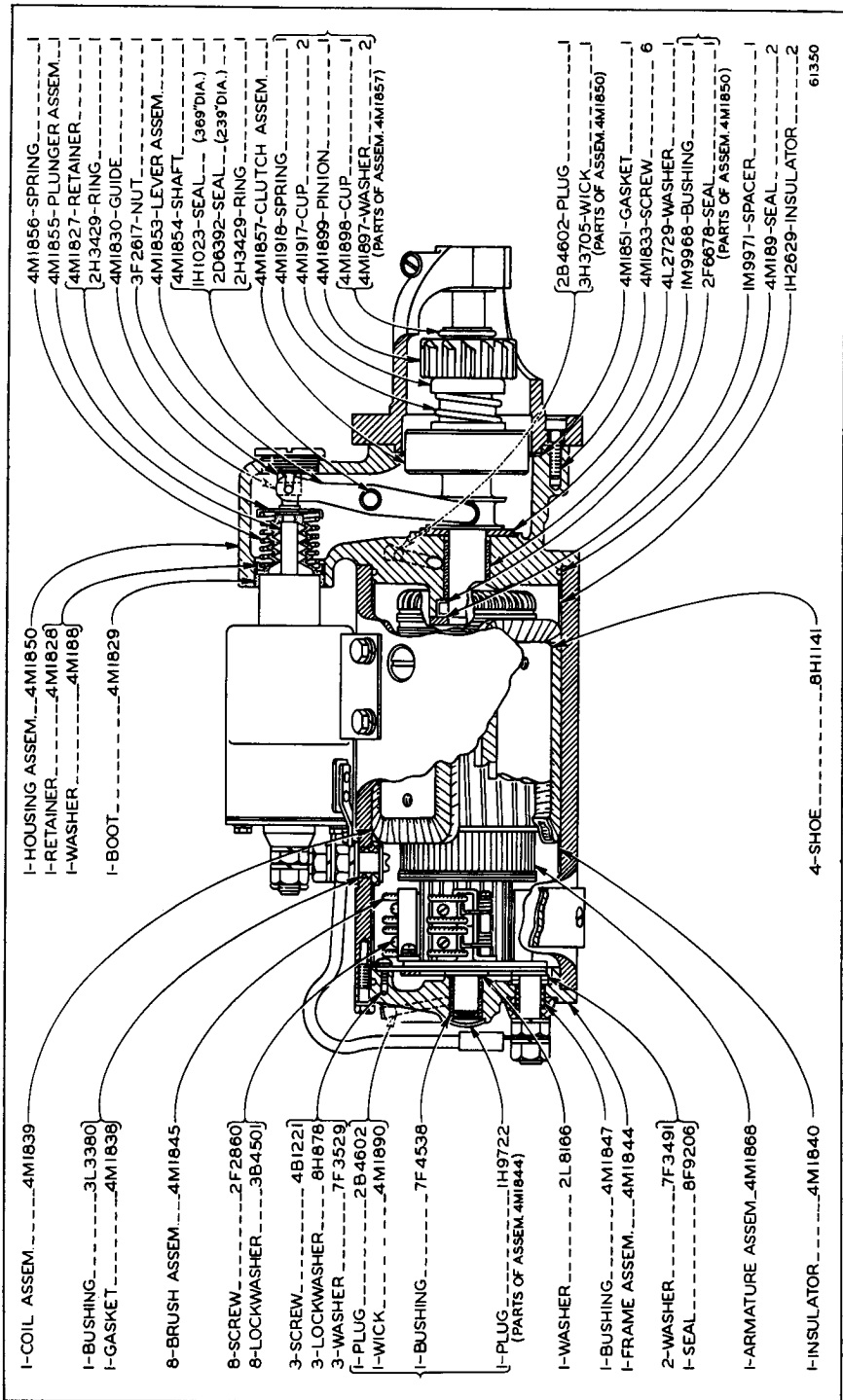
8H1913 Motor Assembly parts are shown on Pages 134 and 135

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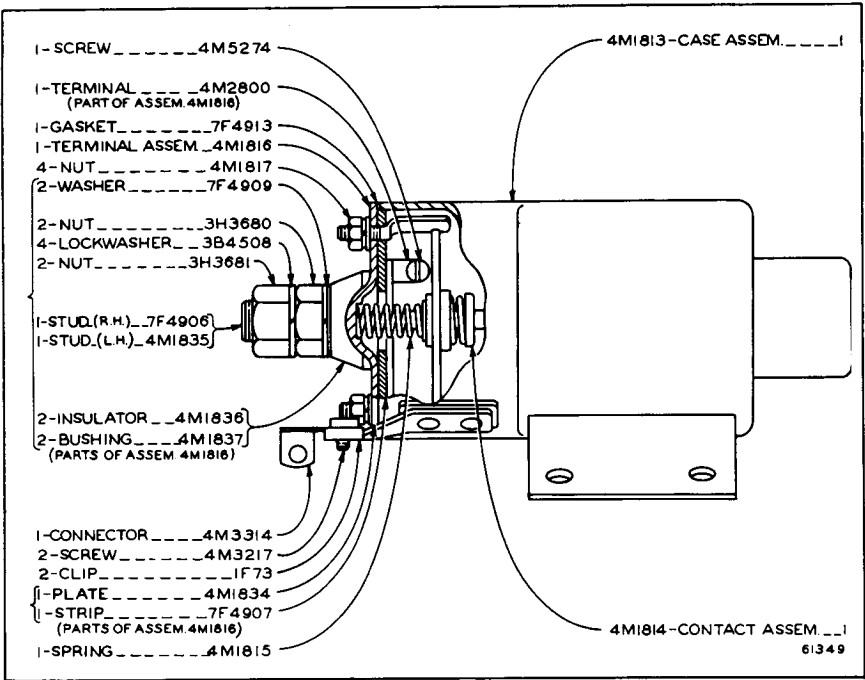
8M1913 MOTOR ASSEMBLY—24 Volt—Part One
 Part of 1M55 Starting Motor Group shown on Page 133
 4M1812 Solenoid Switch Assembly parts are shown on Page 136

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



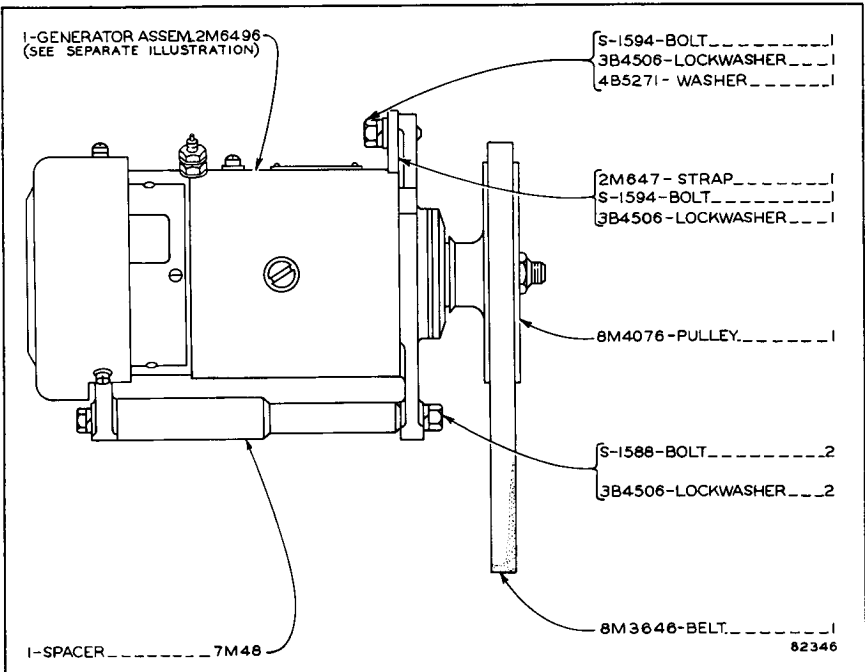
8H1913 MOTOR ASSEMBLY—24 Volt—Part Two
 Part of IM55 Starting Motor Group shown on Page 133

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4M1812 SOLENOID SWITCH ASSEMBLY

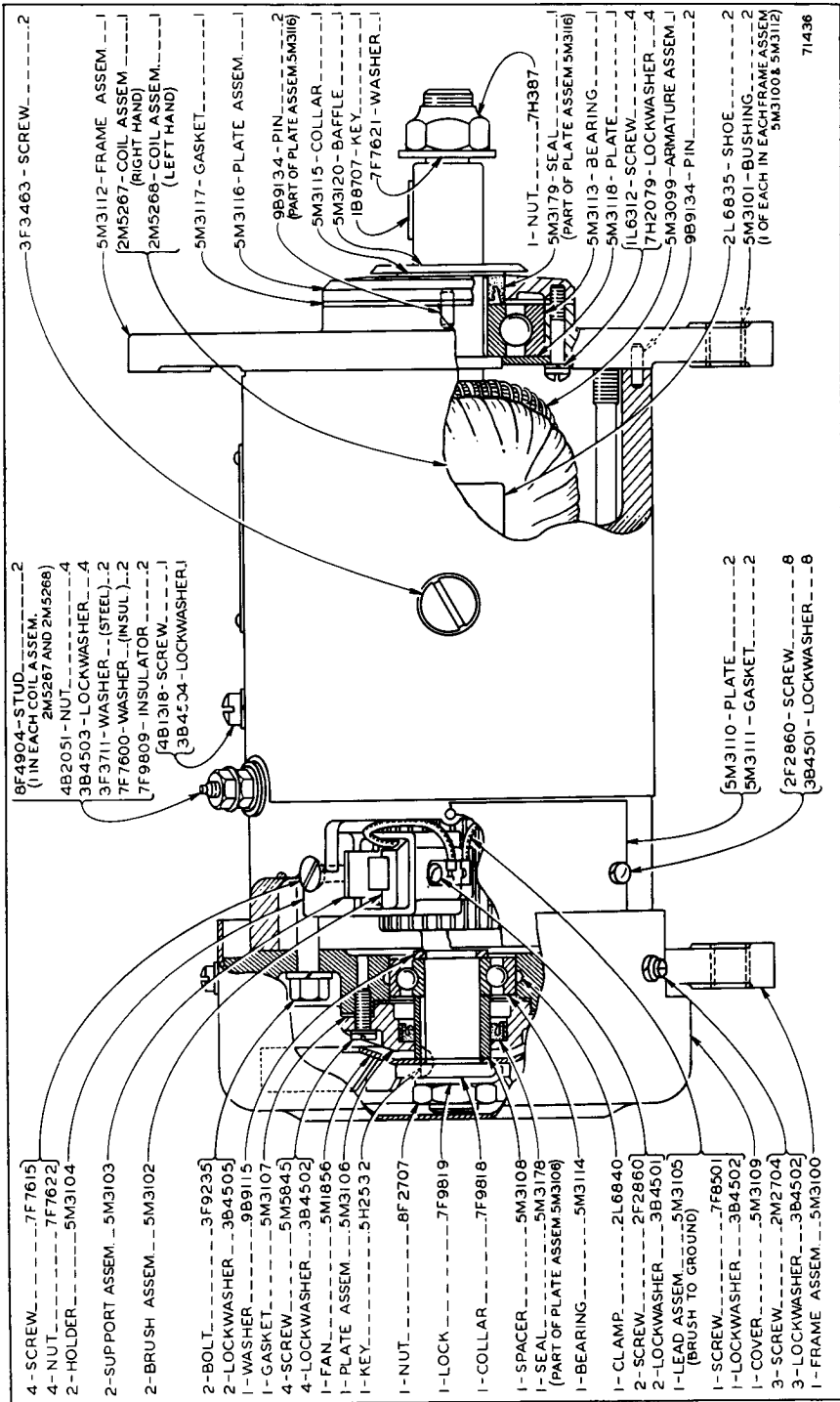
Part of 8H1913 Motor Assembly shown on Page 134



8M4078 GENERATOR GROUP—24 Volt, 15 Ampere

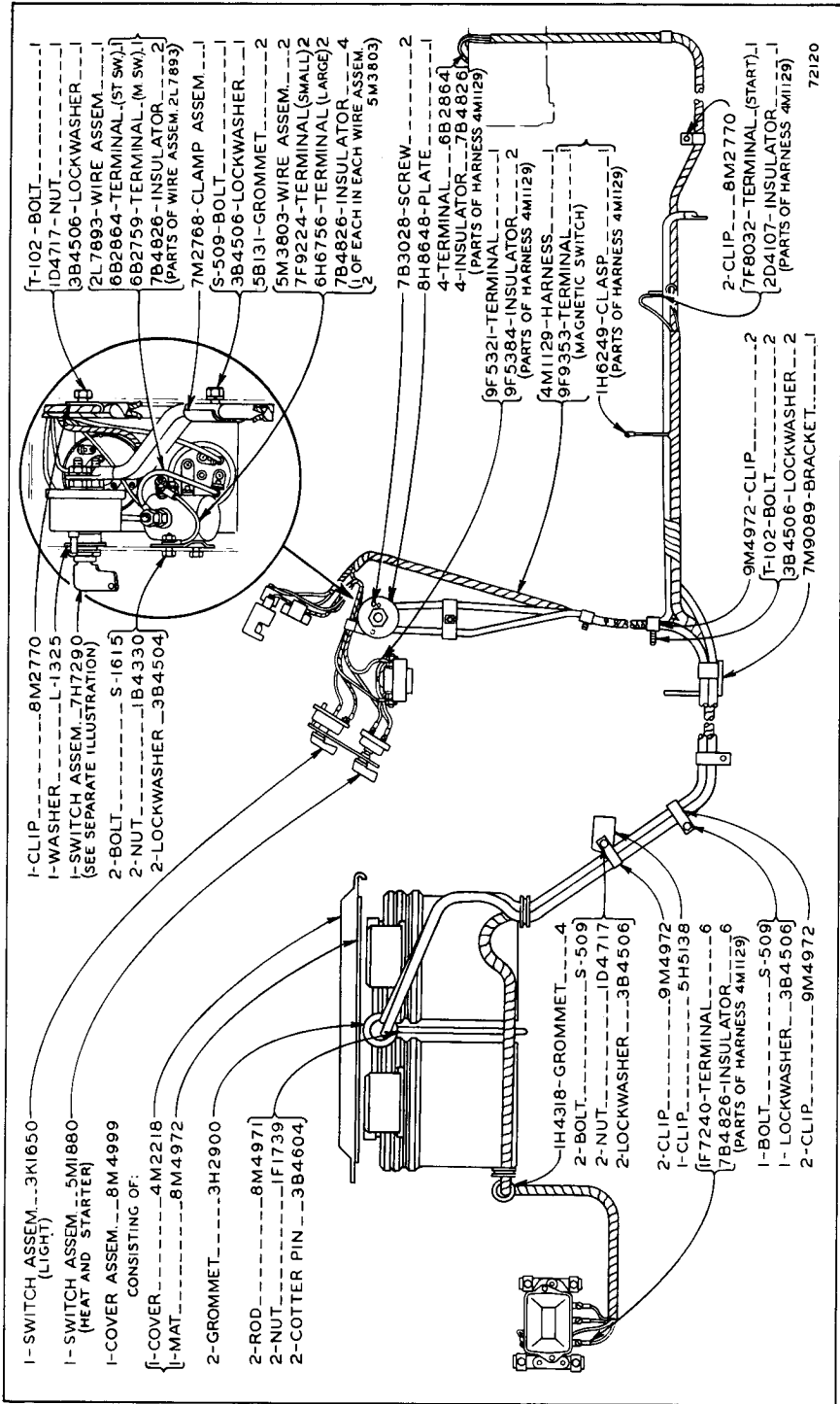
Part of 8M6194 Direct Electric Starting Arrangement listed on Page 131

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



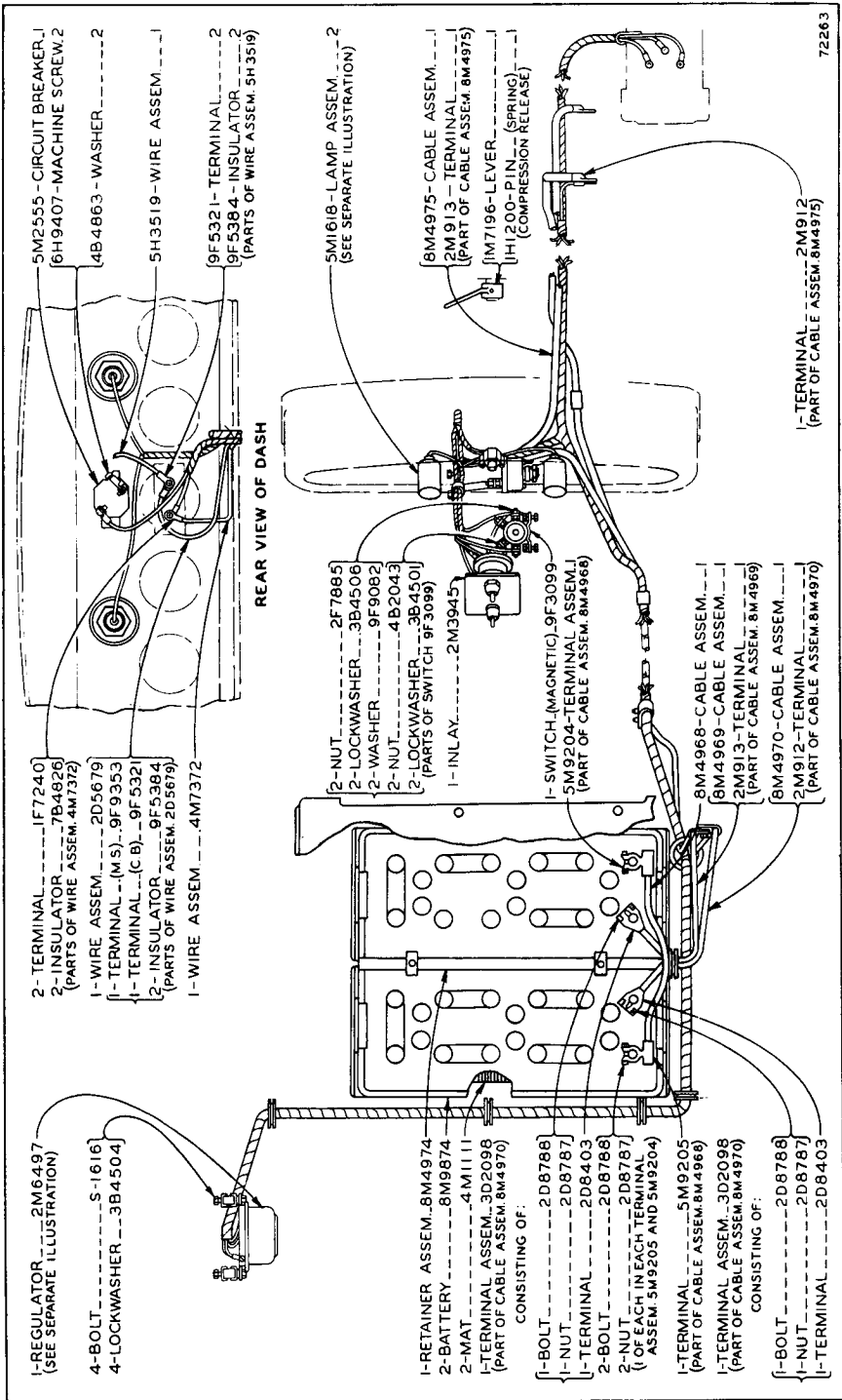
2M6496 GENERATOR ASSEMBLY—24 Volt, 15 Ampere
 Part of 8M4078 Generator Group

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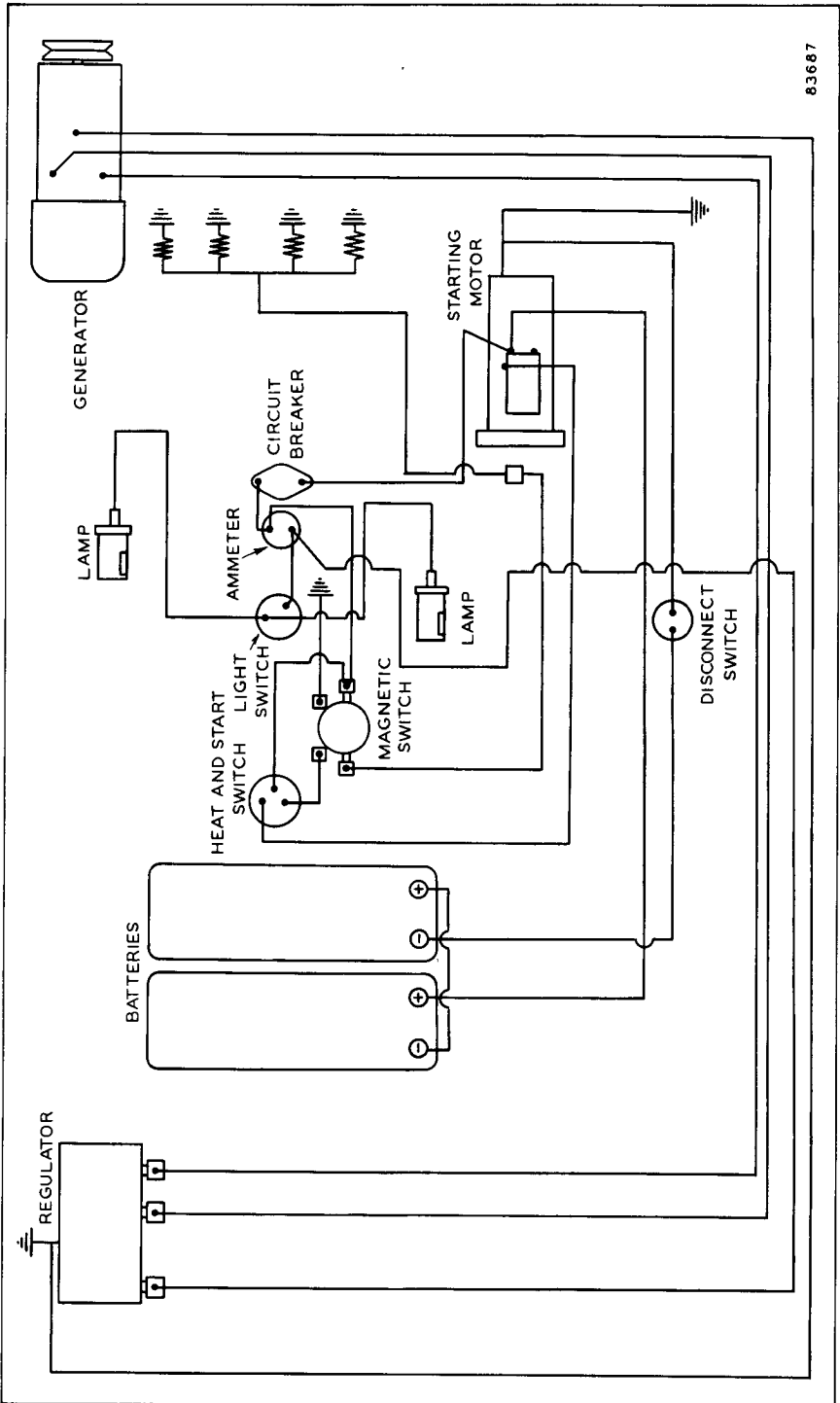


ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

8M4967 BATTERY AND WIRING GROUP—24 Volt—Part One
 Part of 8M6194 Direct Electric Starting Arrangement listed on Page 131
 7H7290 Switch Assembly parts are shown on Page 71. See Page 140 for Wiring Diagram

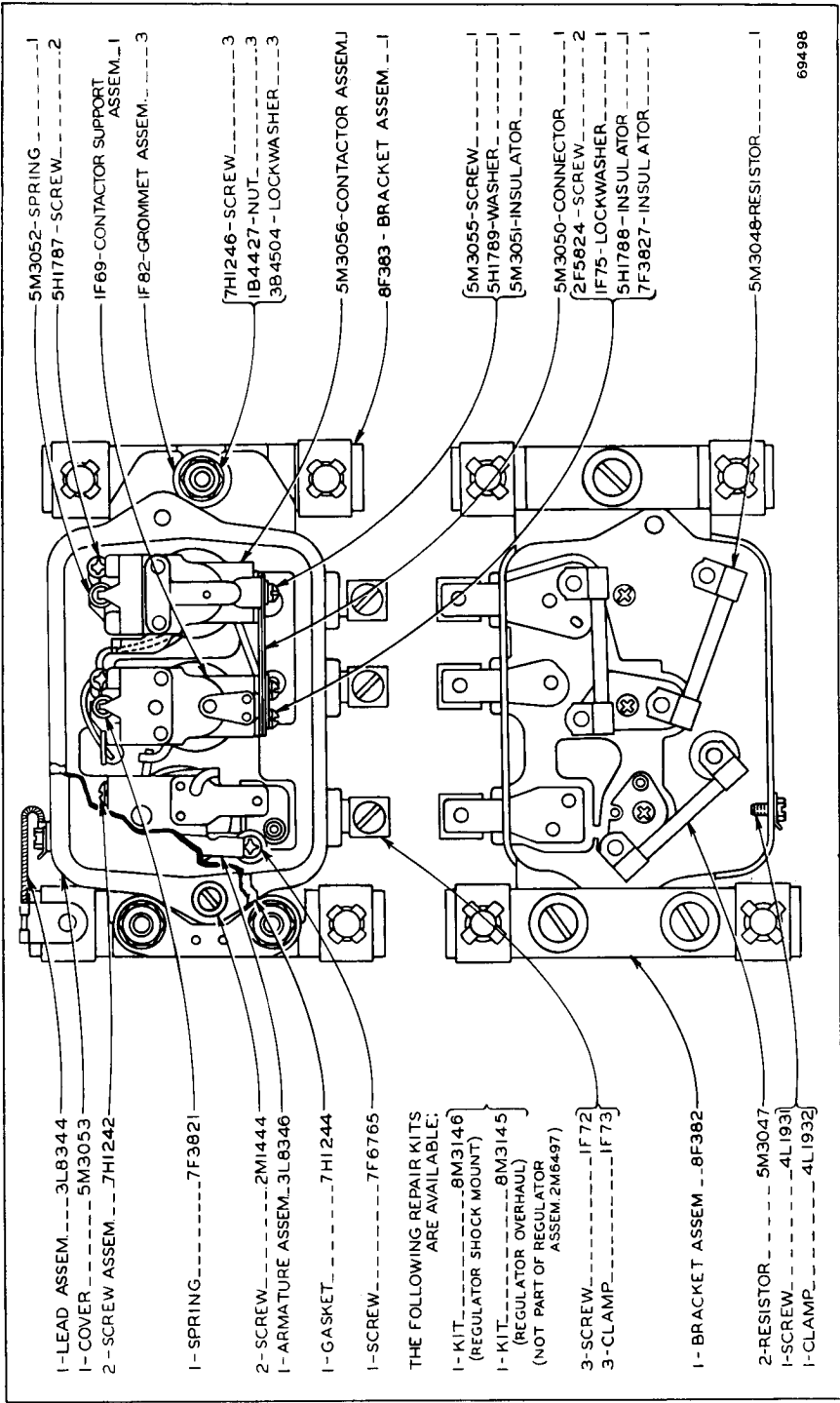


8M4967 BATTERY AND WIRING GROUP—24 Volt, Part Two
 Part of 8M6194 Direct Electric Starting Arrangement listed on Page 131
 2M6497 Regulator Assembly and 5M1618 Dash Lamp Assembly parts are shown on Pages 141 and 142. See Page 140 for Wiring Diagram

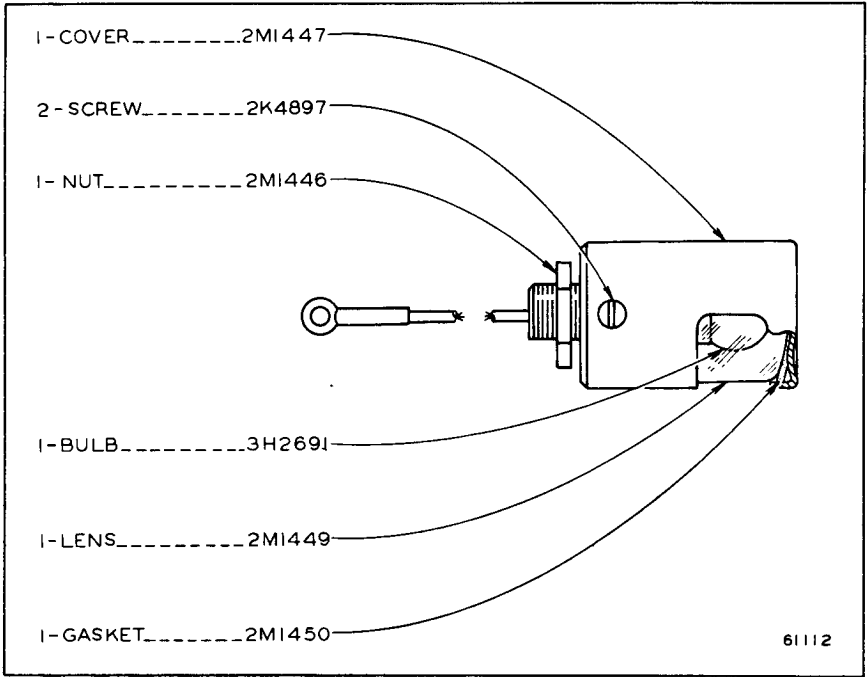


83687

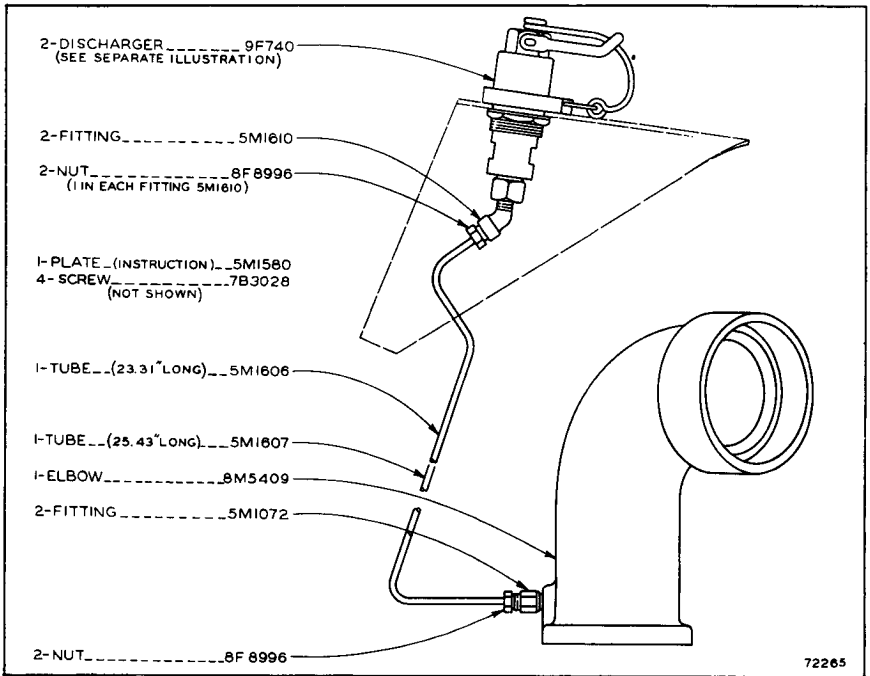
WIRING DIAGRAM—24 Volt System



2M6497 REGULATOR ASSEMBLY--24 Volt, 15 Ampere
 Part of 8M4967 Battery and Wiring Group shown on Page 139

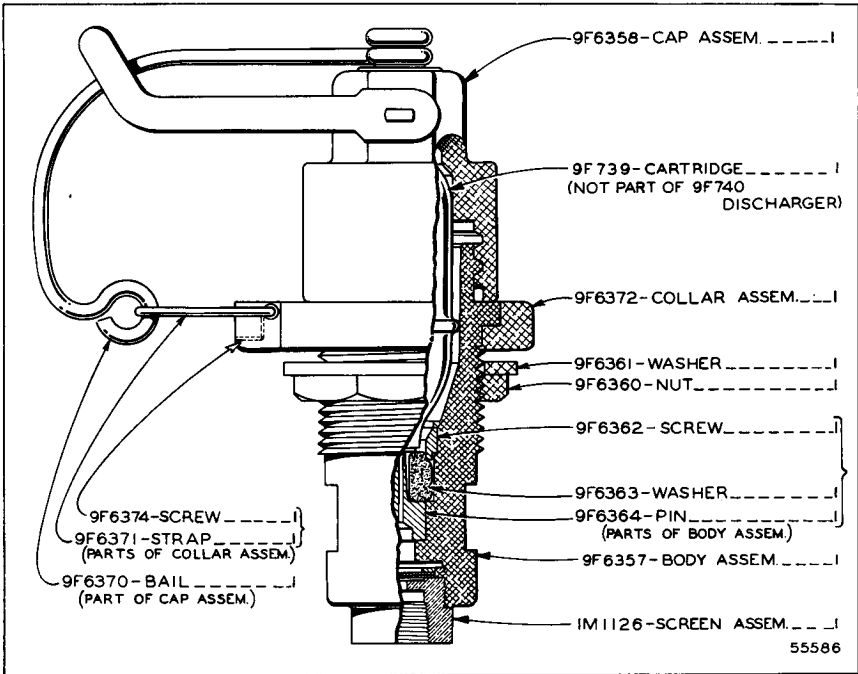


5M1618 DASH LAMP ASSEMBLY—24 Volt
 Part of 8M4967 Battery and Wiring Group shown on Page 139

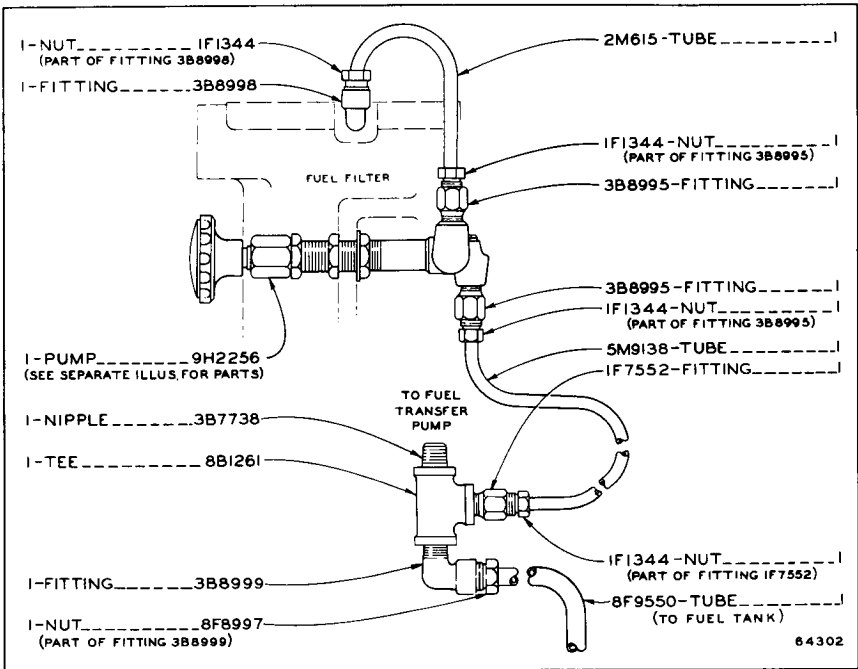


5M1613 ETHER STARTING AID GROUP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

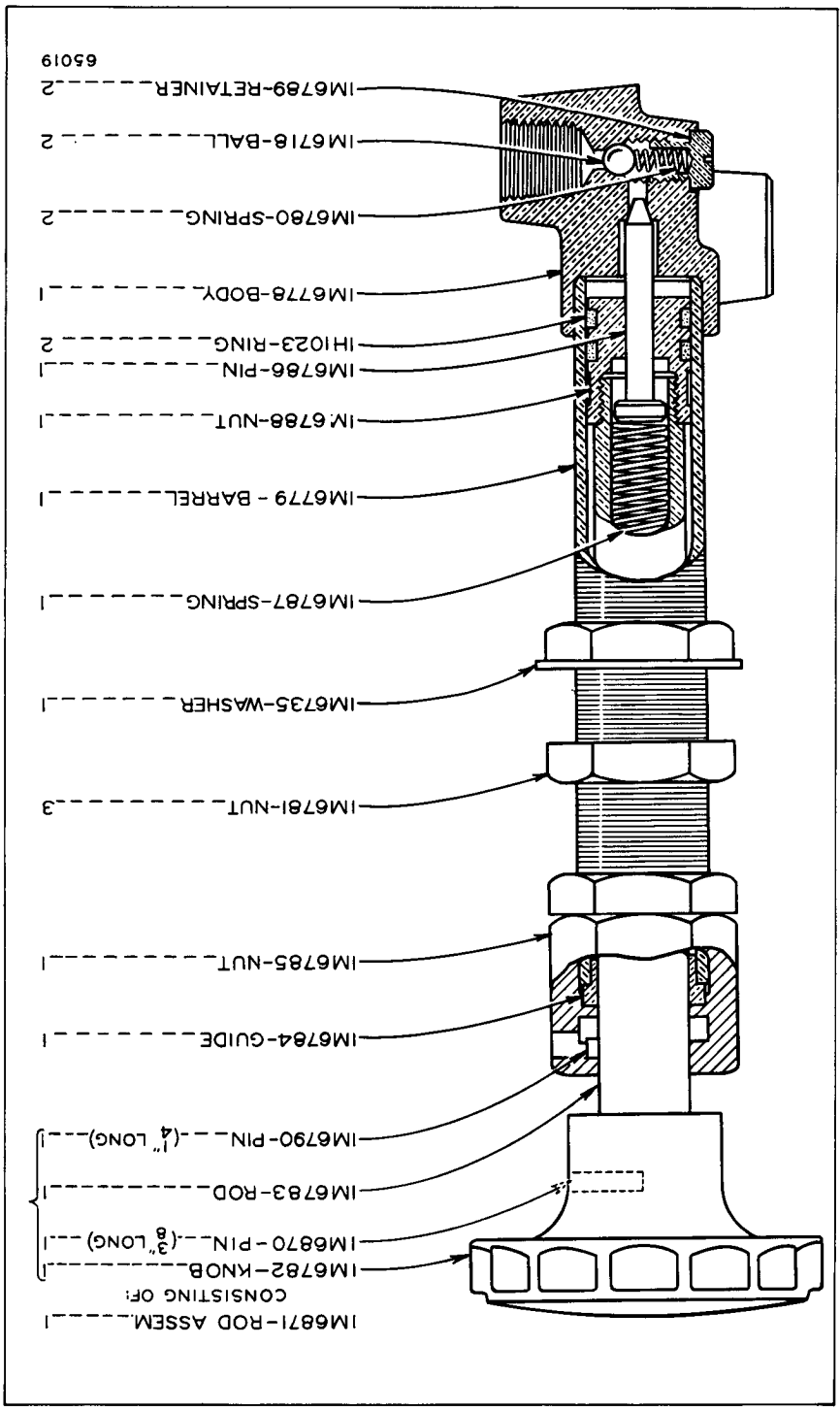


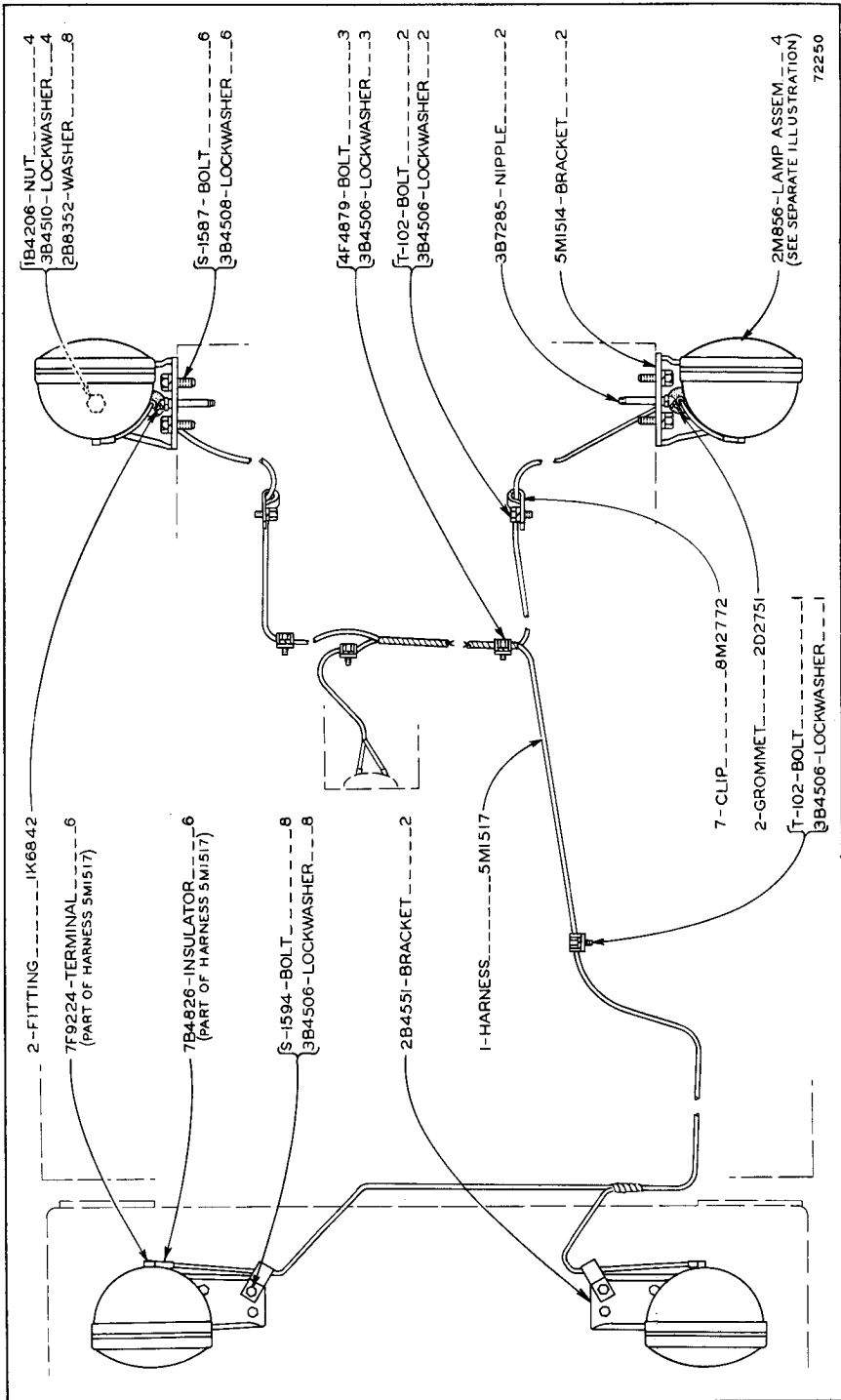
9F740 DISCHARGER
Part of 5M1613 Ether Starting Aid Group



7M2740 FUEL PRIMING PUMP GROUP
9H2256 Pump parts are shown on Page 144

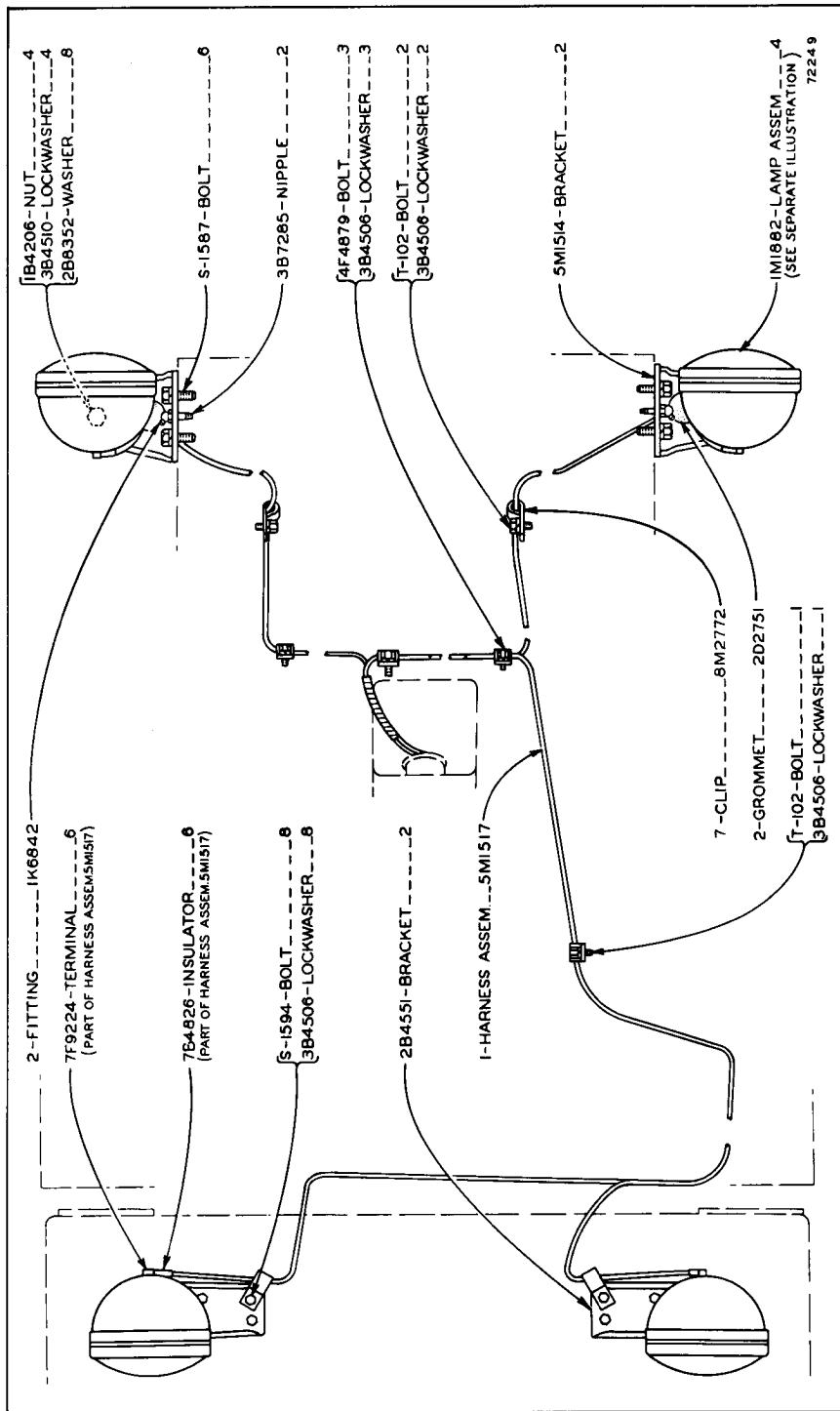
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE





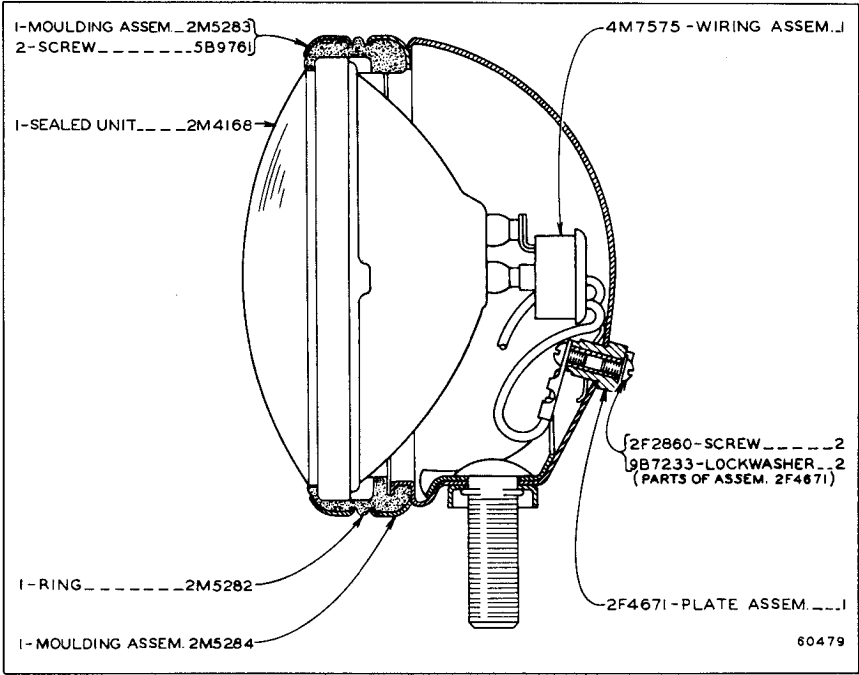
5M1513 LIGHTING SYSTEM GROUP—12 Volt—4 Lamp
 2M856 Flood Lamp Assembly parts are shown on Page 147

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

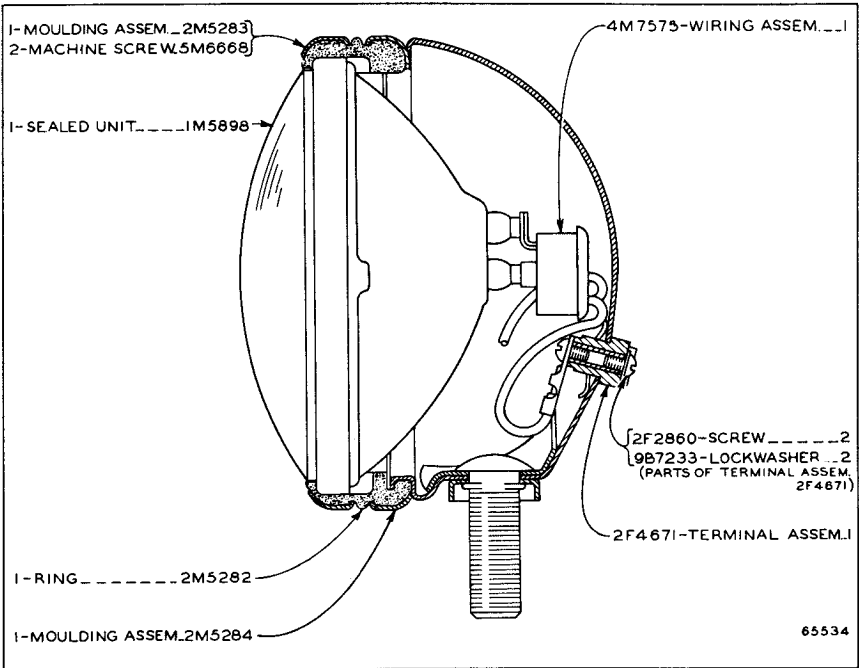


5M1522 LIGHTING SYSTEM GROUP—24 Volt—4 Lamp

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

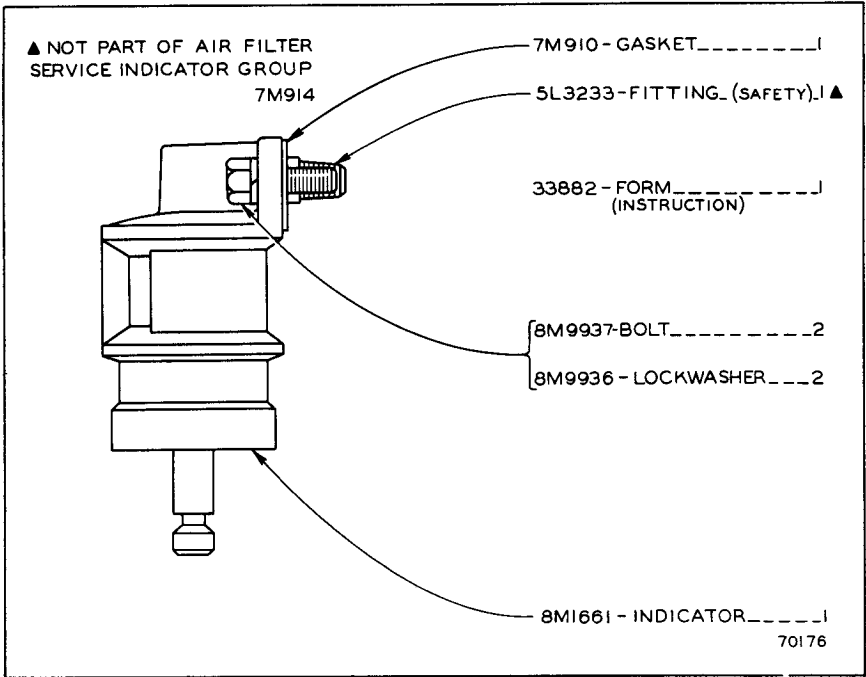


2M856 FLOOD LAMP ASSEMBLY—12 Volt
Part of 5M1513 Lighting System Group shown on Page 145

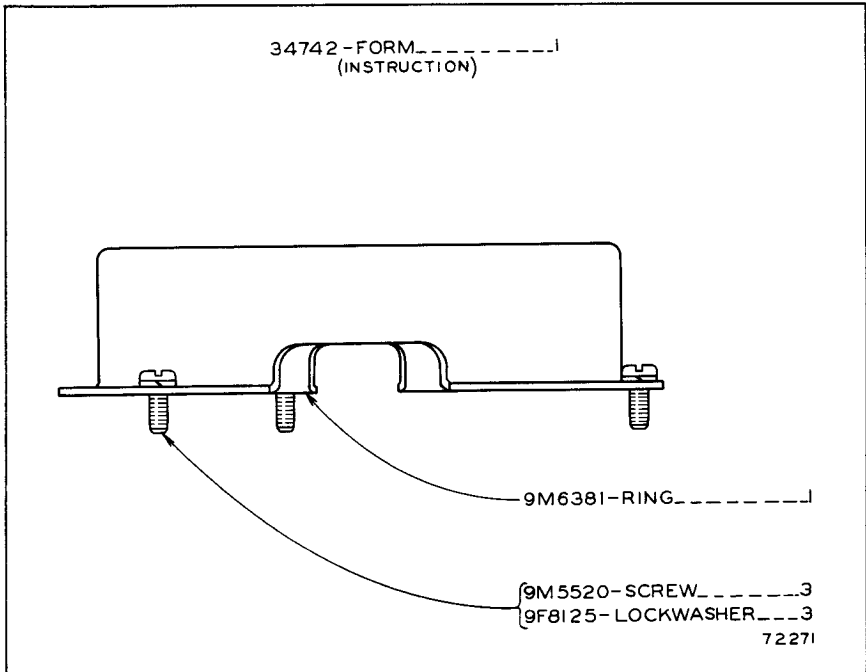


1M1882 FLOOD LAMP ASSEMBLY—24 Volt
Part of 5M1522 Lighting System Group

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

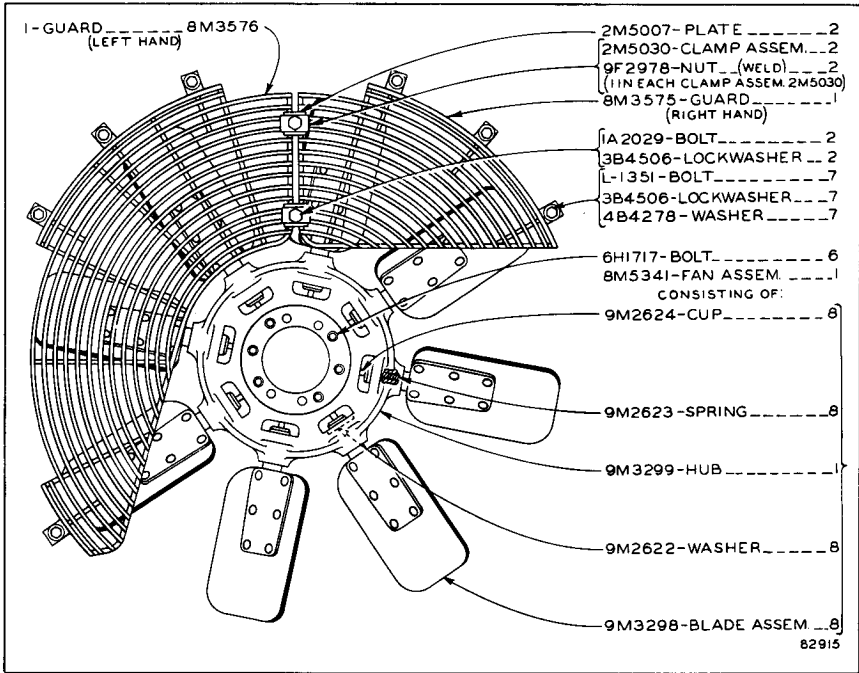


7M914 AIR FILTER SERVICE INDICATOR GROUP
For use with dry type Air Cleaners

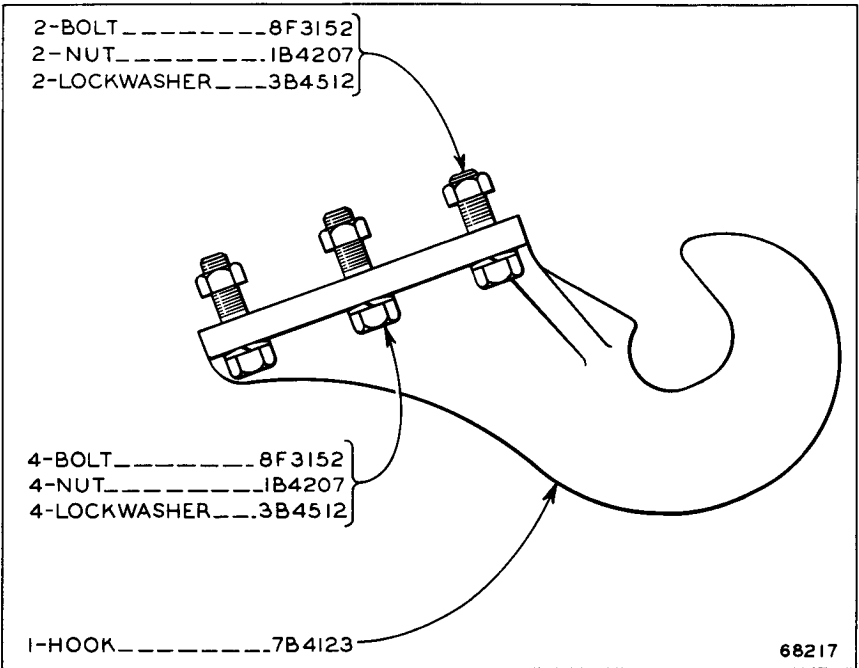


9M7332 LOCKRING GROUP
For use with 12 inch Air Cleaner

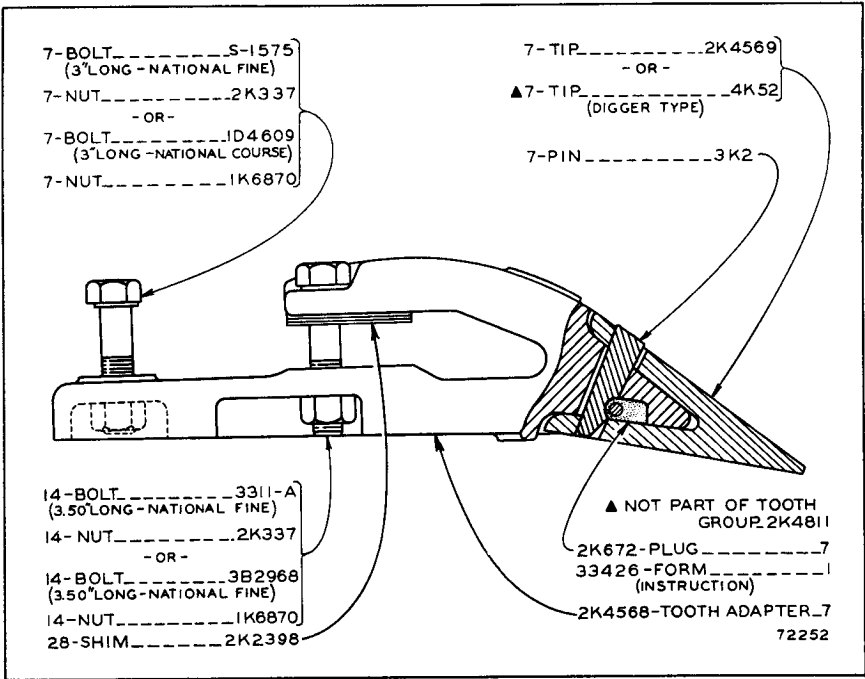
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



9M935 REVERSIBLE FAN GROUP

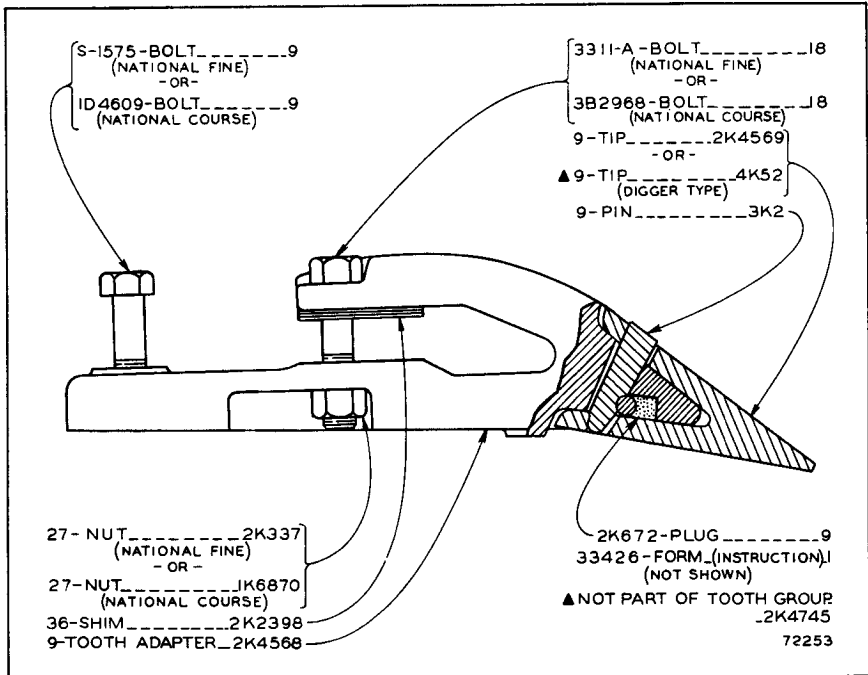


7B4464 FRONT PULL HOOK GROUP



2K4811 TOOTH GROUP

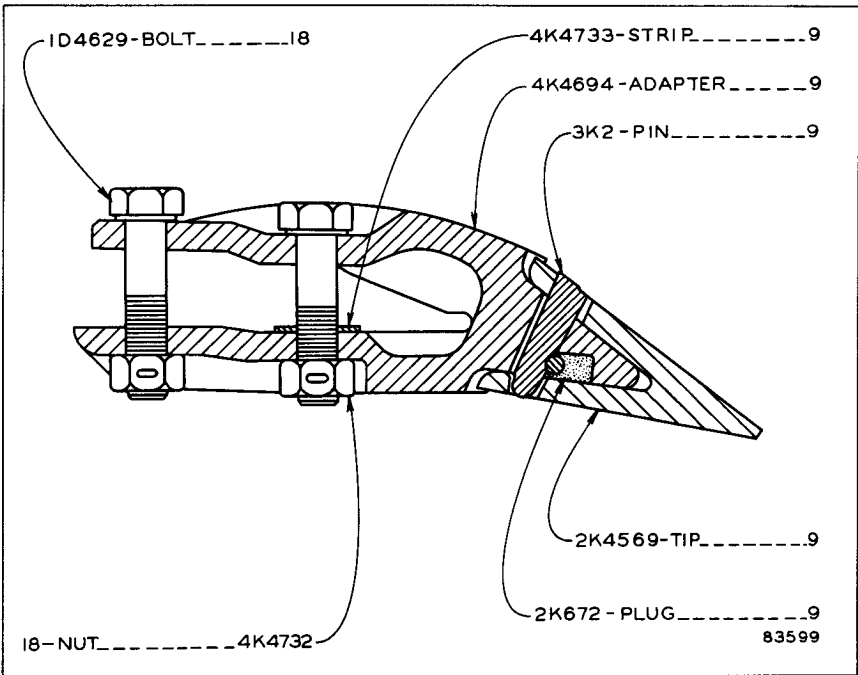
For use with 2K4869 Bucket Assembly shown on Page 153



2K4745 TOOTH GROUP

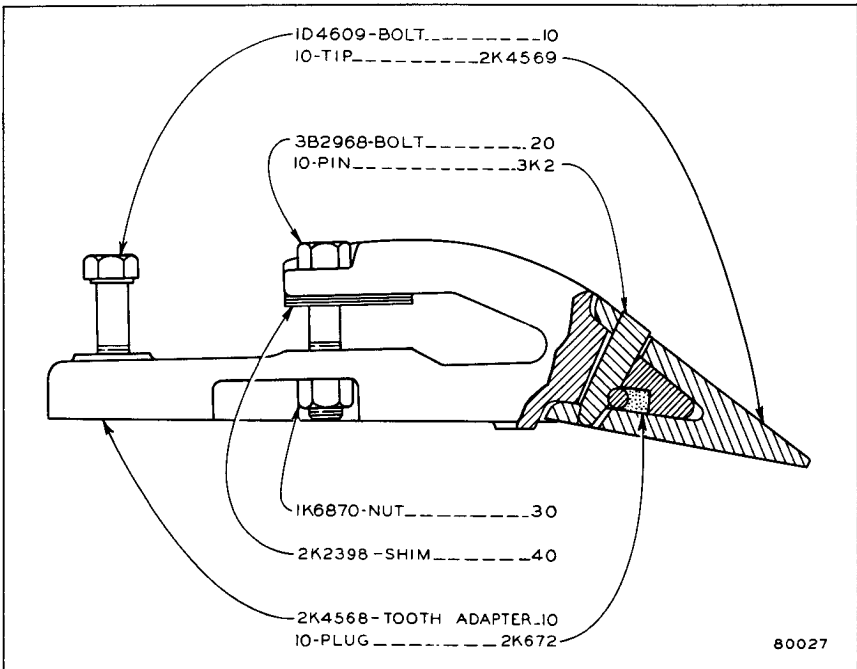
For use with 3K9580 Bucket Assembly shown on Page 154

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4K4734 TOOTH GROUP

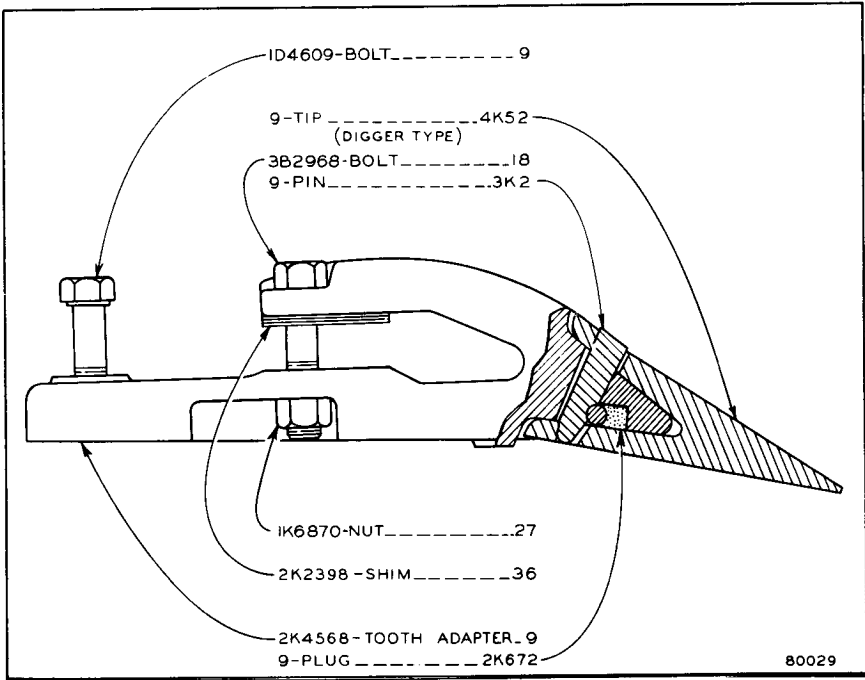
For use with 4K4625 Multi-Purpose Bucket Arrangement listed on Page 157



4K1654 TOOTH GROUP

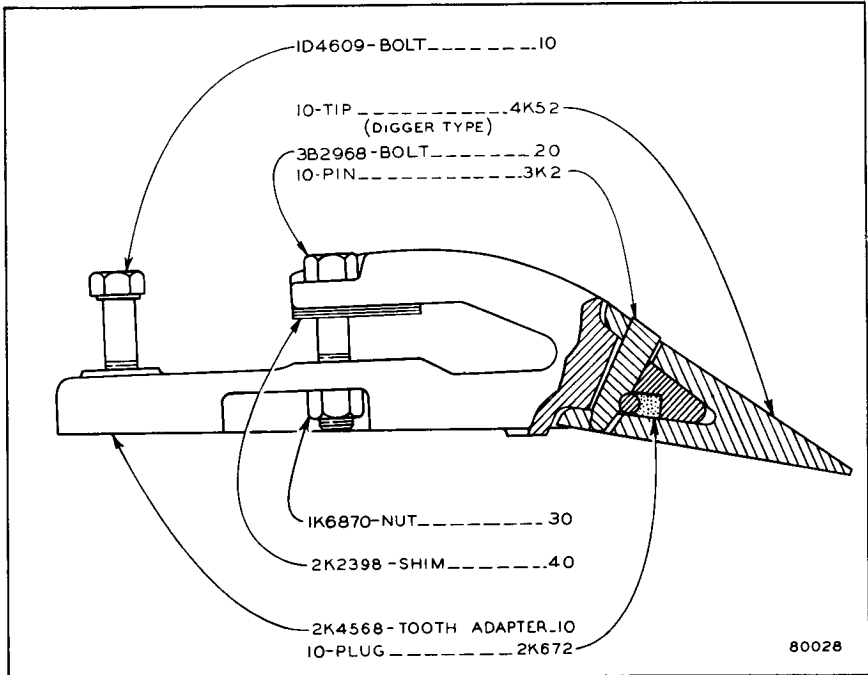
For use with 3K9268 Side Dump Bucket Arrangement listed on Page 160

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4K2023 LONG TOOTH GROUP

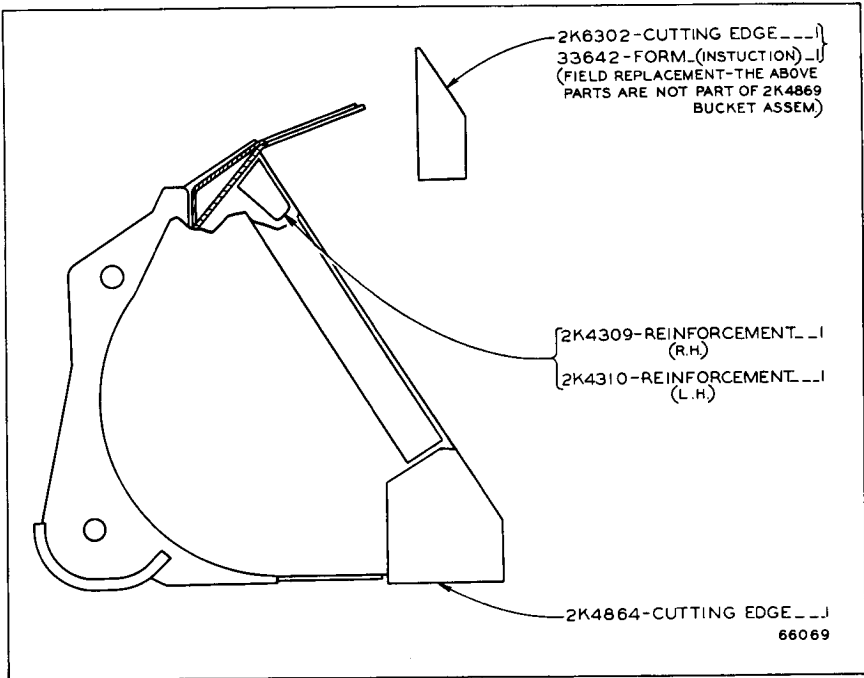
For use with general purpose or loose material Buckets



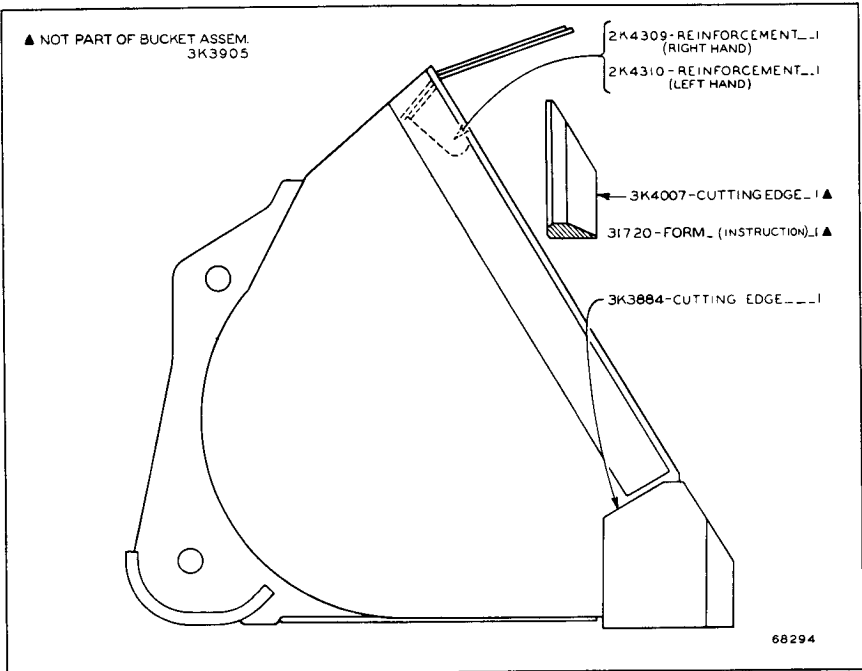
4K2024 LONG TOOTH GROUP

For use with side dump Buckets under normal operating conditions

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

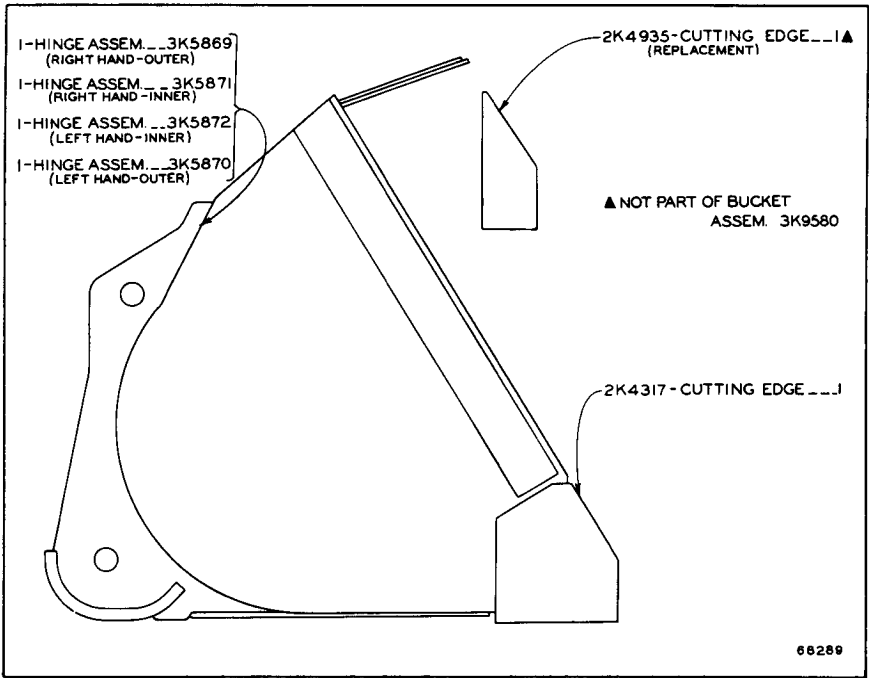


2K4869 BUCKET ASSEMBLY—1.75 Cubic Yard—77.5" Wide
 For heavy material

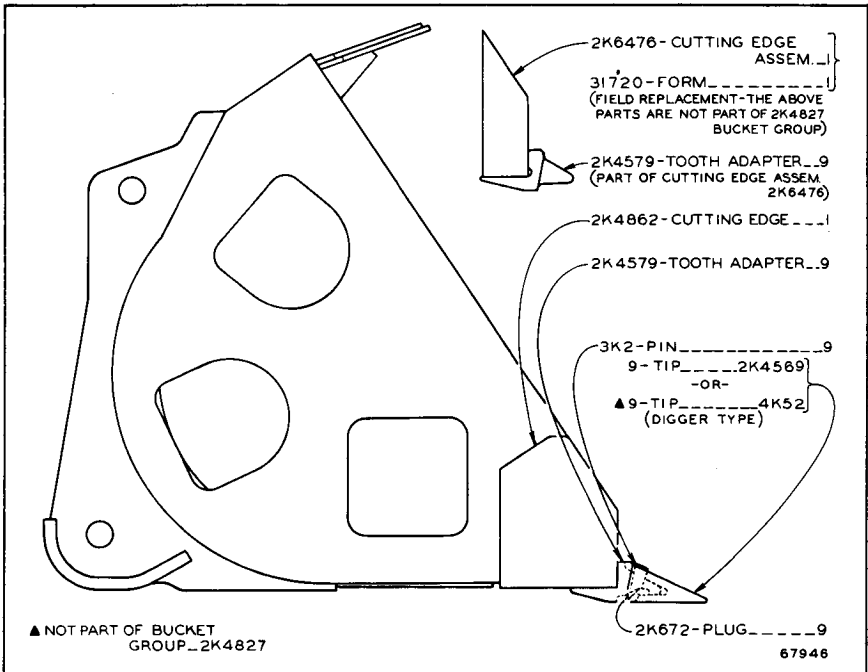


3K3905 BUCKET ASSEMBLY—3.25 Cubic Yard—104.5" Wide
 For light material

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

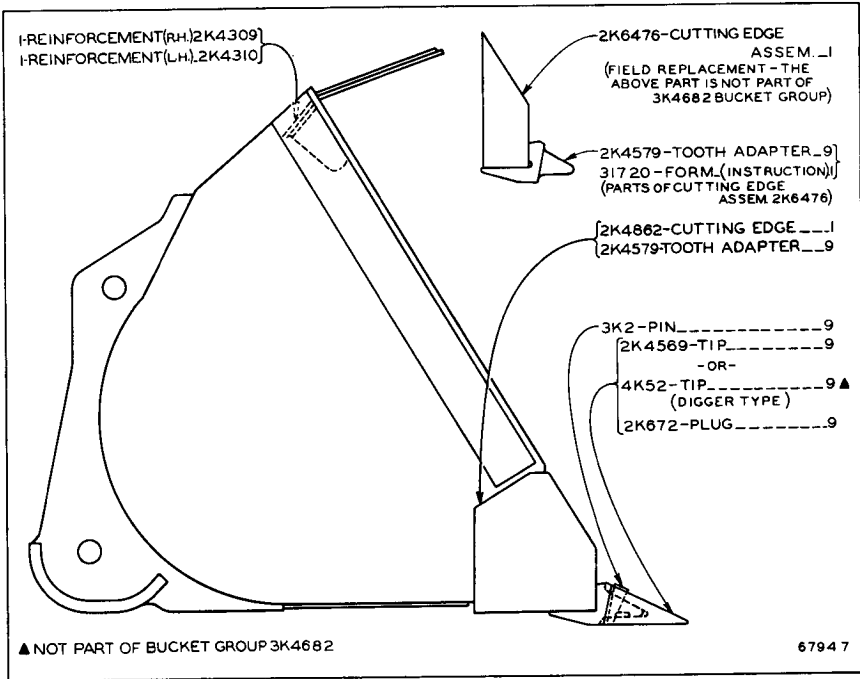


3K9580 BUCKET ASSEMBLY—3 Cubic Yard—96" Wide
For loose material

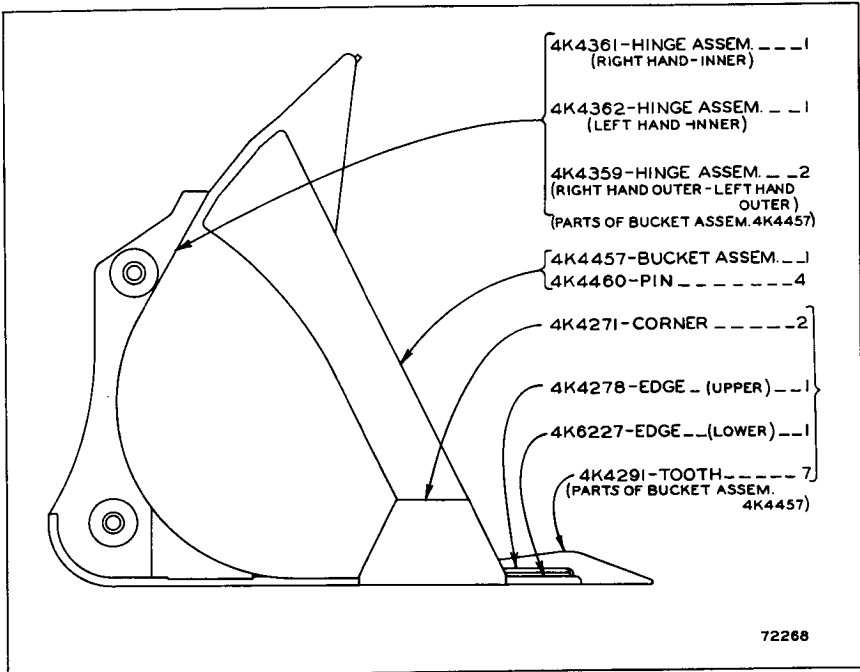


2K4827 BUCKET GROUP—Skeleton—2.25 Cubic Yard—96" Wide

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

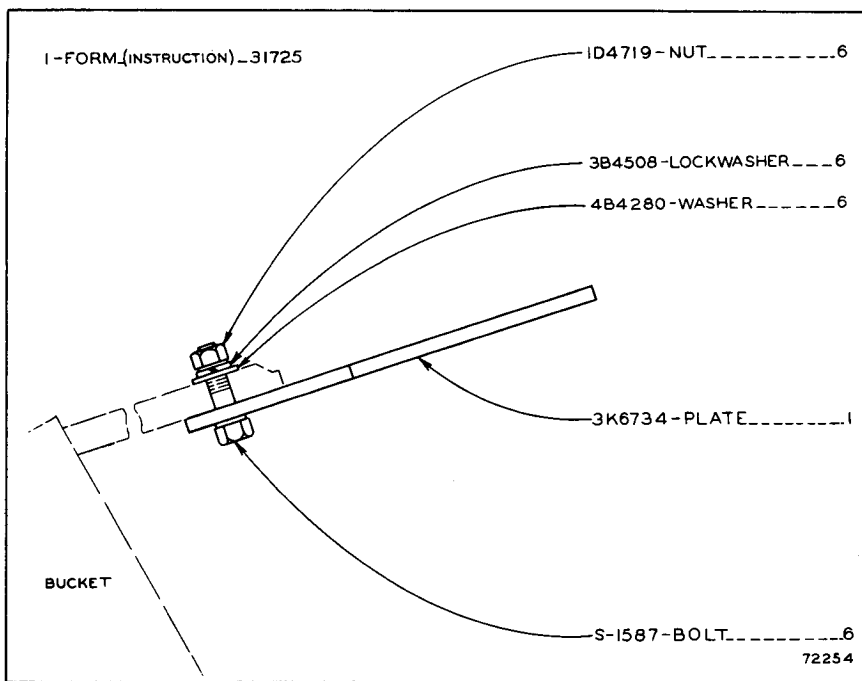


3K4682 BUCKET GROUP—Quarry—2.5 Cubic Yard—96" Wide
For handling rock and concrete where continuous use of teeth is required



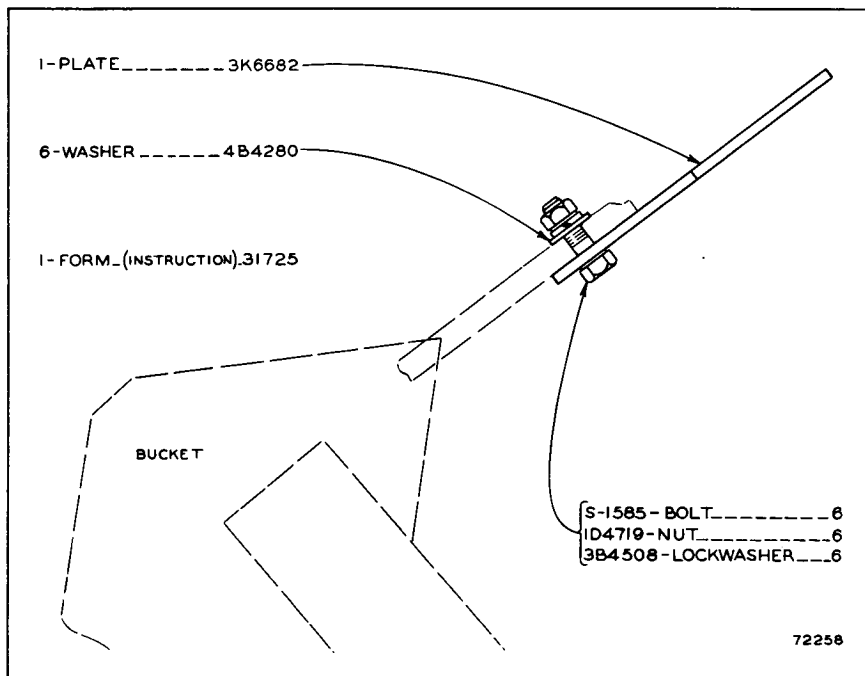
4K4793 BUCKET GROUP—Steel Mill—2.5 Cubic Yard—96" Wide

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



3K6729 SPILL PLATE EXTENSION GROUP

For use with General Purpose, 3 yard optional, Multi-Purpose and Quarry Buckets
 Extends 7 1/2 inches beyond Bucket Spill Plate



3K6731 SPILL PLATE EXTENSION GROUP

For use with Side Dump Bucket

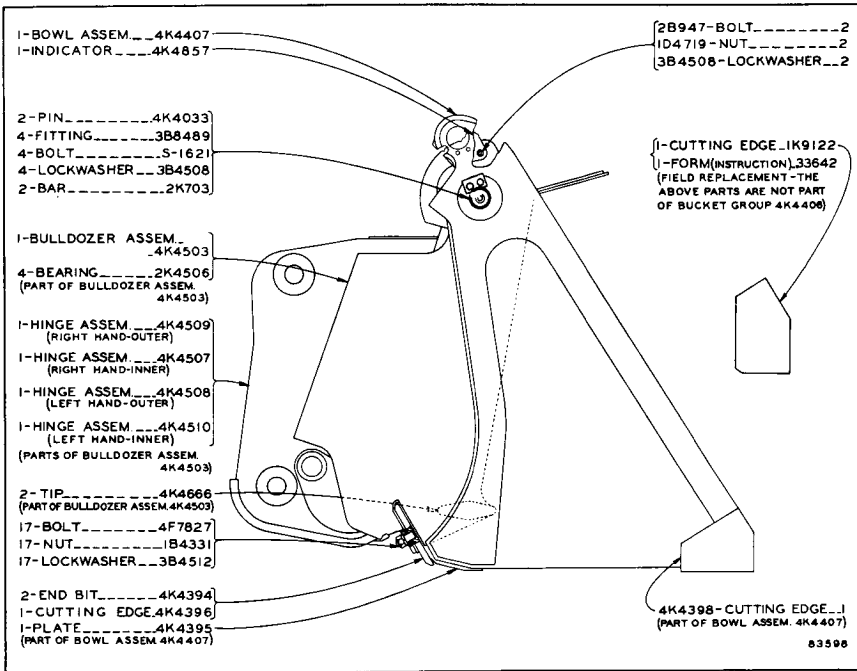
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

Consists of:		Page
1	3K481 Cylinder Group—R.H.	159
1	3K482 Cylinder Group—L.H.	159
1	4K4263 Cylinder Mounting Group.....	160
1	4K4406 Bucket Group	157
1	4K4846 Hydraulic Lines Group.....	158
1	4K5964 Tilt Indicator Group	

Consisting of:

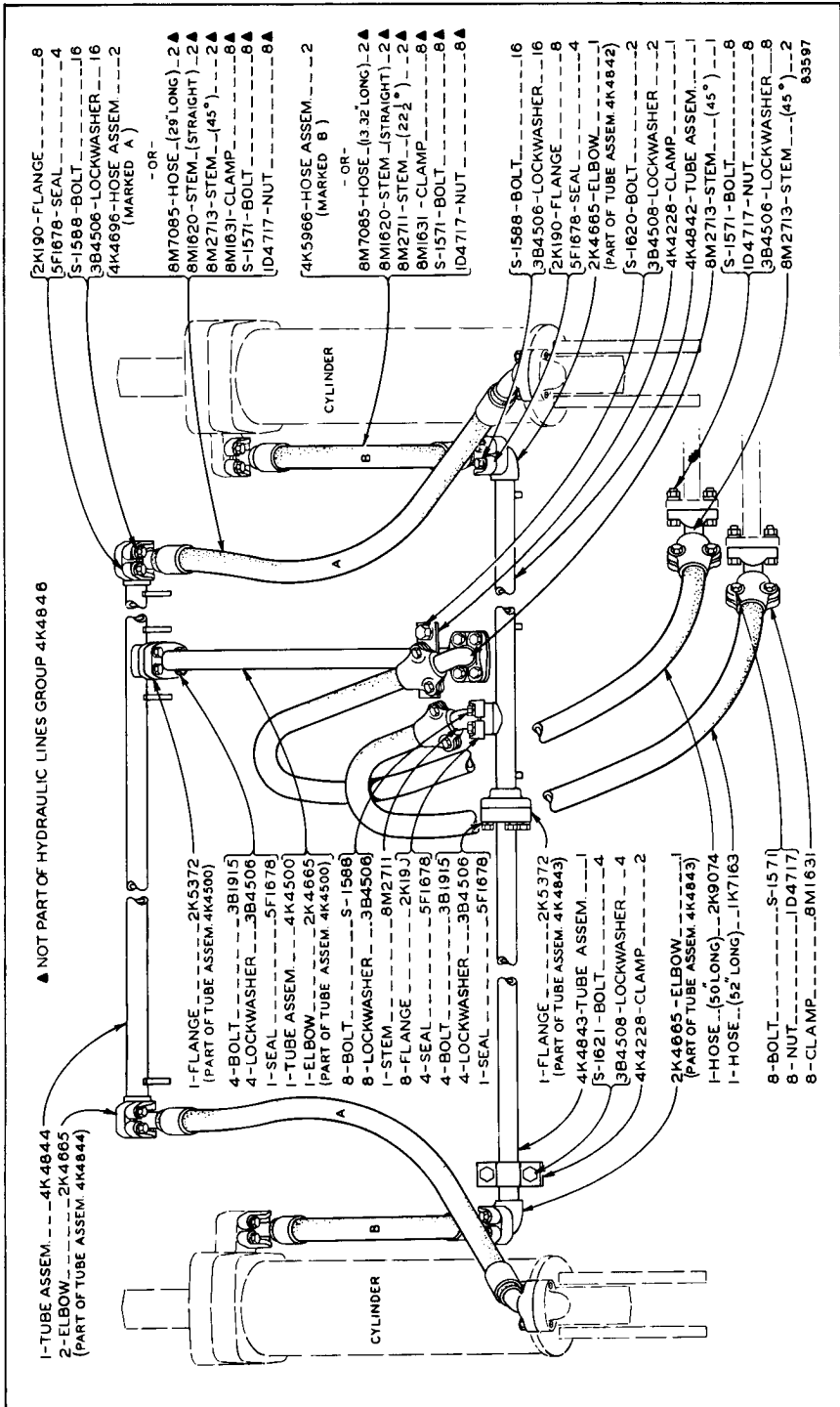
1	..... Indicator
3	2K3219 Screw

4K4625 MULTI-PURPOSE BUCKET ARRANGEMENT
2.5 Cubic Yard—96" Wide

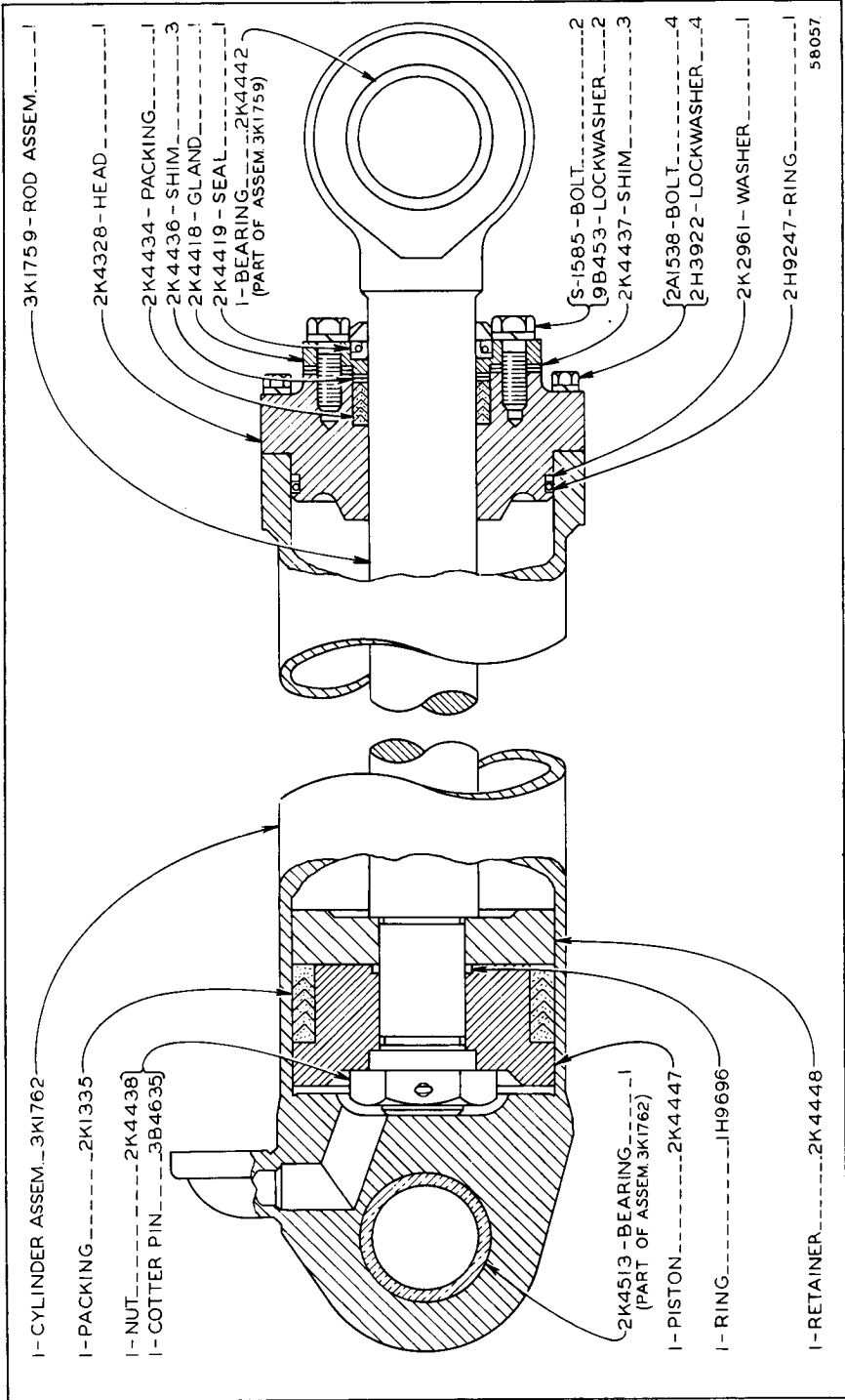


4K4406 MULTI-PURPOSE BUCKET GROUP
Part of 4K4625 Multi-Purpose Bucket Arrangement

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



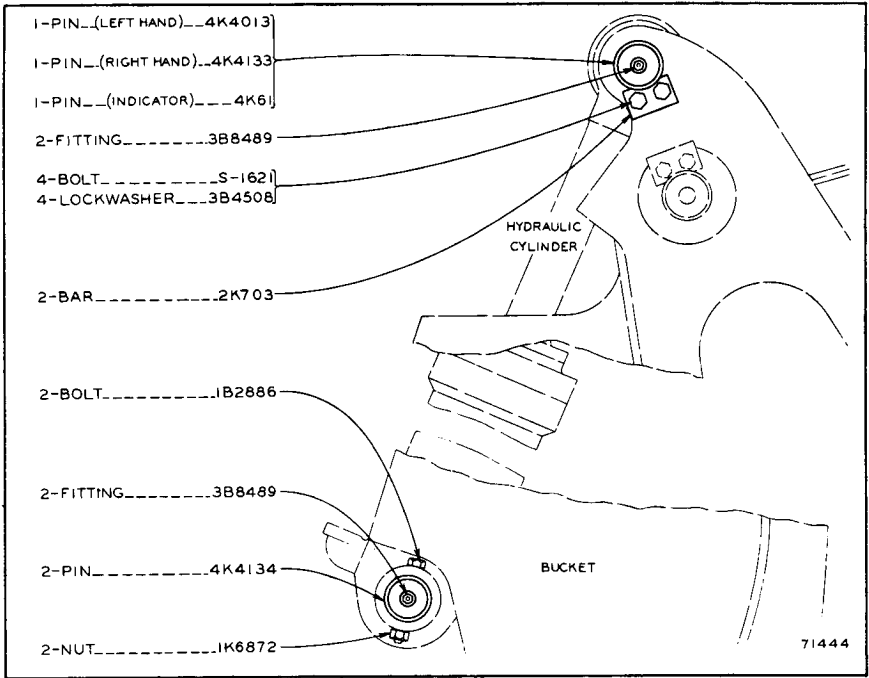
4K4846 HYDRAULIC LINES GROUP—Front
 Part of 4K4625 Multi-Purpose Bucket Arrangement listed on Page 157



3K481 CYLINDER GROUP—R.H.—5.5" x 14"

3K482 CYLINDER GROUP—L.H.—5.5" x 14"

Part of 4K4625 Multi-Purpose Bucket Arrangement and 3K8399 Top Clamp Arrangement listed on Pages 157 and 169



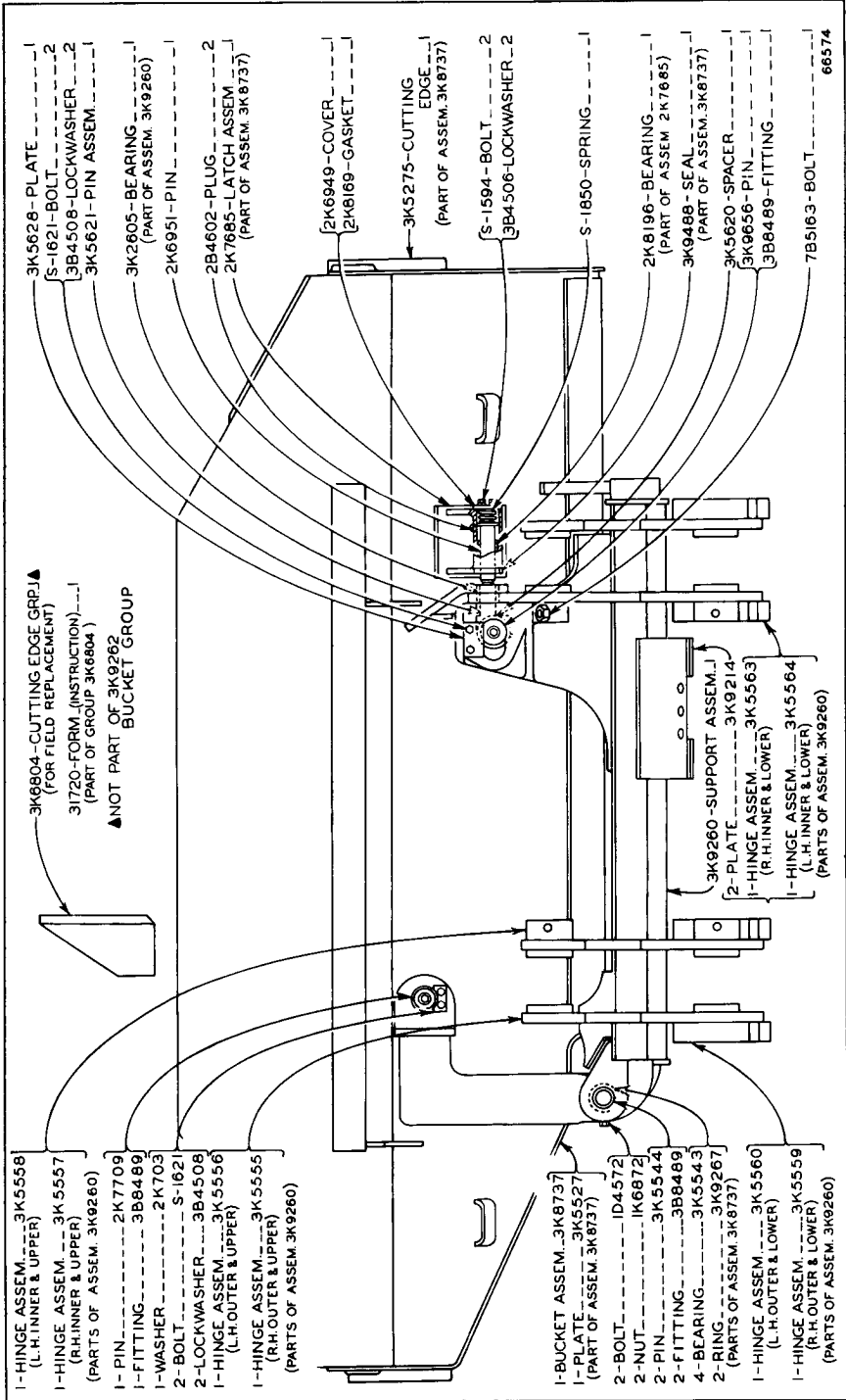
4K4263 CYLINDER MOUNTING GROUP

Part of 4K4625 Multi-Purpose Bucket Arrangement listed on Page 157

Consists of:		Page
1	3K5200 Cylinder Group	163
1	3K9225 Hydraulic Lines Group	162
1	3K9262 Bucket and Support Group	161
1	..... Form No. 32582	

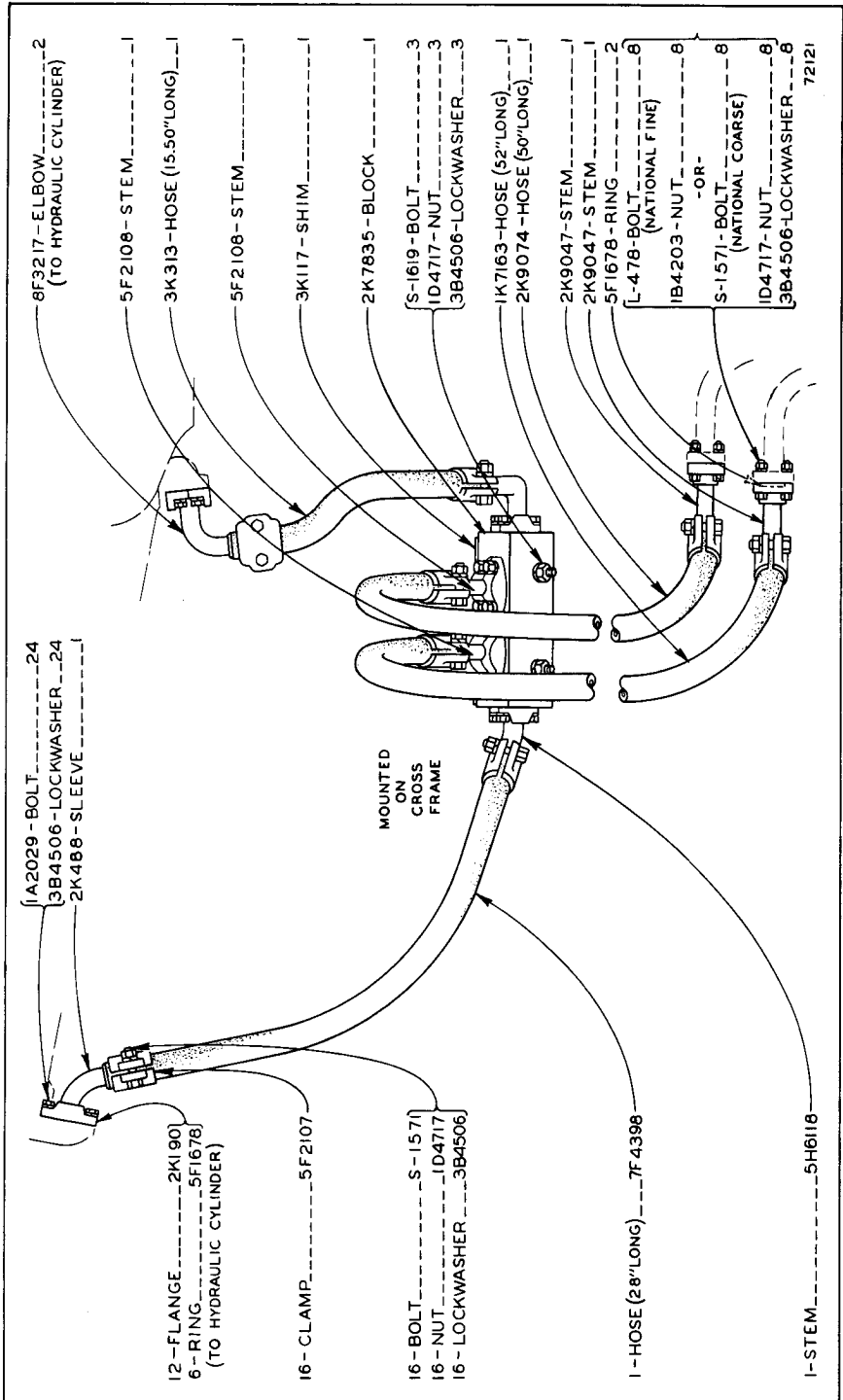
3K9268 SIDE DUMP BUCKET ARRANGEMENT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

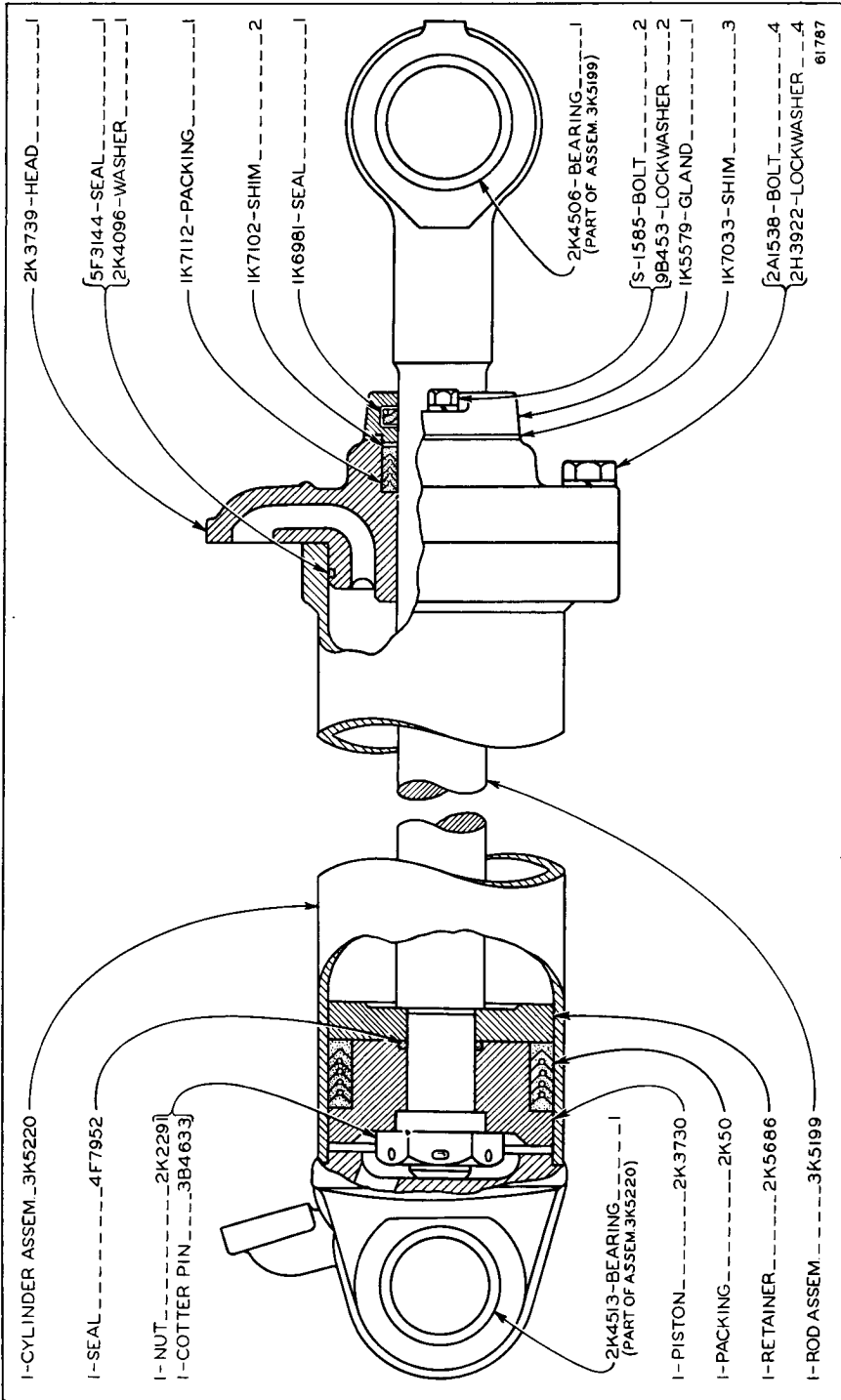


3K9262 BUCKET AND SUPPORT GROUP
 Part of 3K9268 Side Dump Bucket Arrangement

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

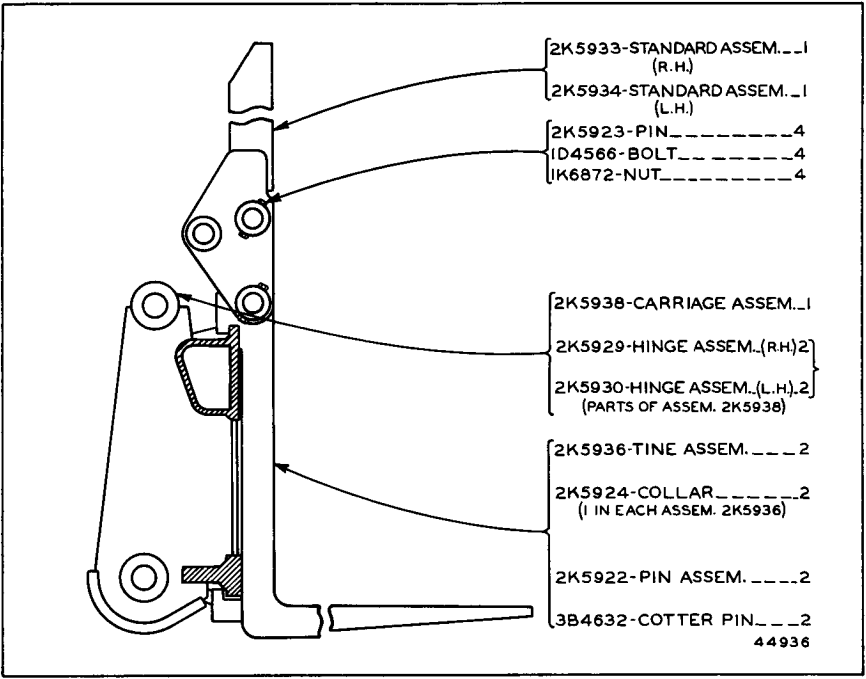


3K9225 HYDRAULIC LINES GROUP—Front
Part of 3K9268 Side Dump Bucket Arrangement listed on Page 160

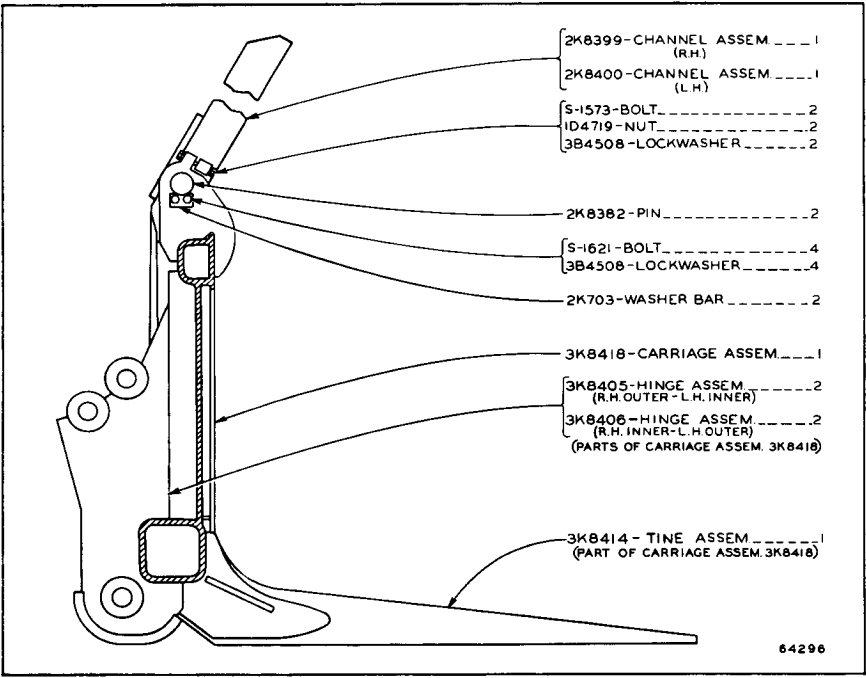


3K5200 CYLINDER GROUP—5" x 21.38"
 Part of 3K9268 Side Dump Bucket Arrangement listed on Page 160

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



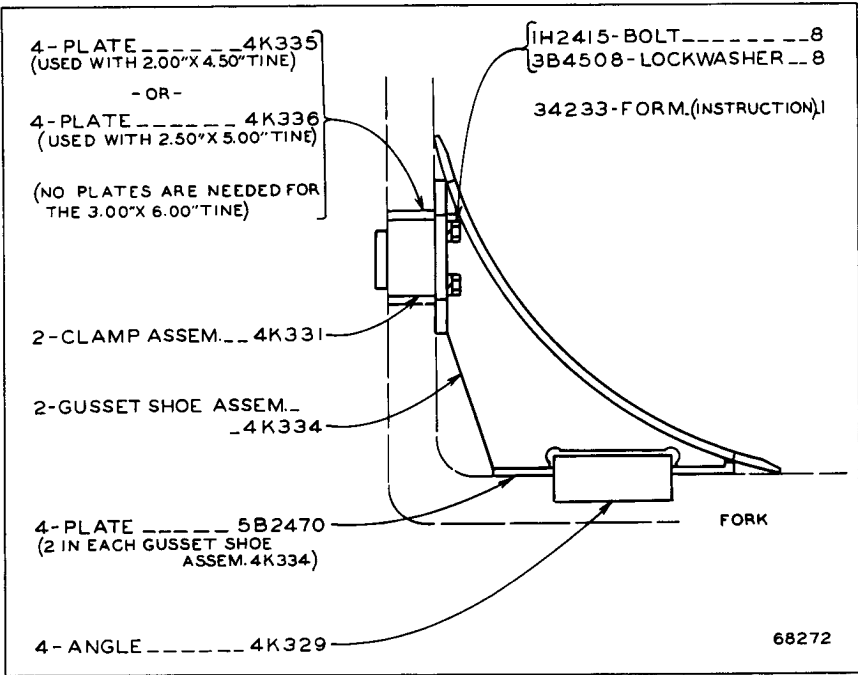
2K5939 LUMBER FORK GROUP



3K8427 LOG FORK GROUP

For use with 3K8399 Top Clamp Arrangement listed on Page 169

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4K354 GUSSET SHOE GROUP
For handling small diameter logs or pulpwood

1K8536 For handling Pulpwood up to 8 feet long

Consists of: Page

1	1K8206	Cylinder Group	168
1	1K8365	Carriage and Clamp Group.....	166
1	1K8923	Hydraulic Lines Group.....	167
1	.....	Instruction Sheet Form No. 32580	

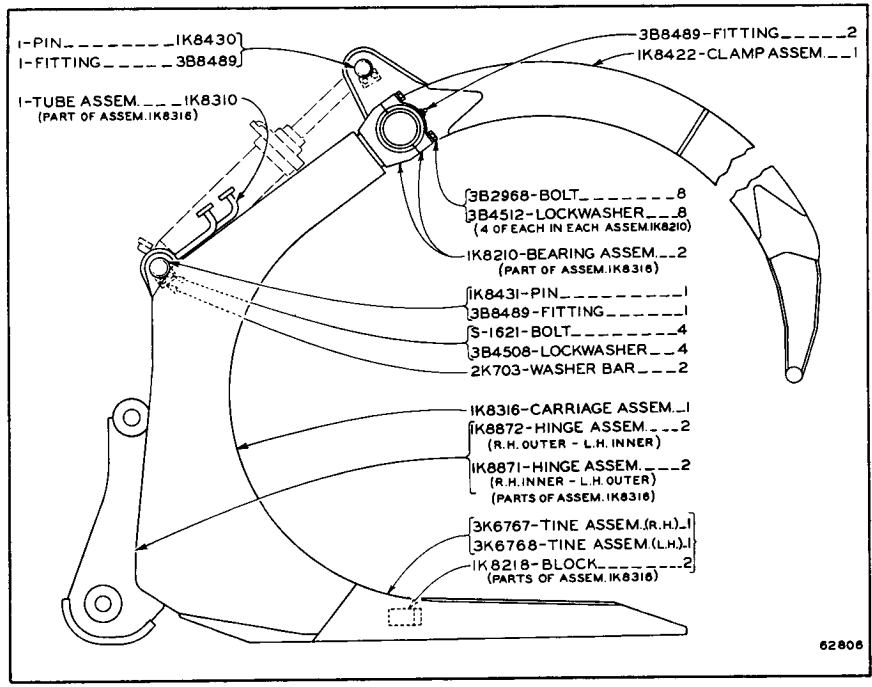
3K9323 For handling Pulpwood up to 16 feet long

Consists of:

1	1K8206	Cylinder Group	168
1	3K9321	Hydraulic Lines Group.....	167
1	3K9322	Carriage and Clamp Group.....	166

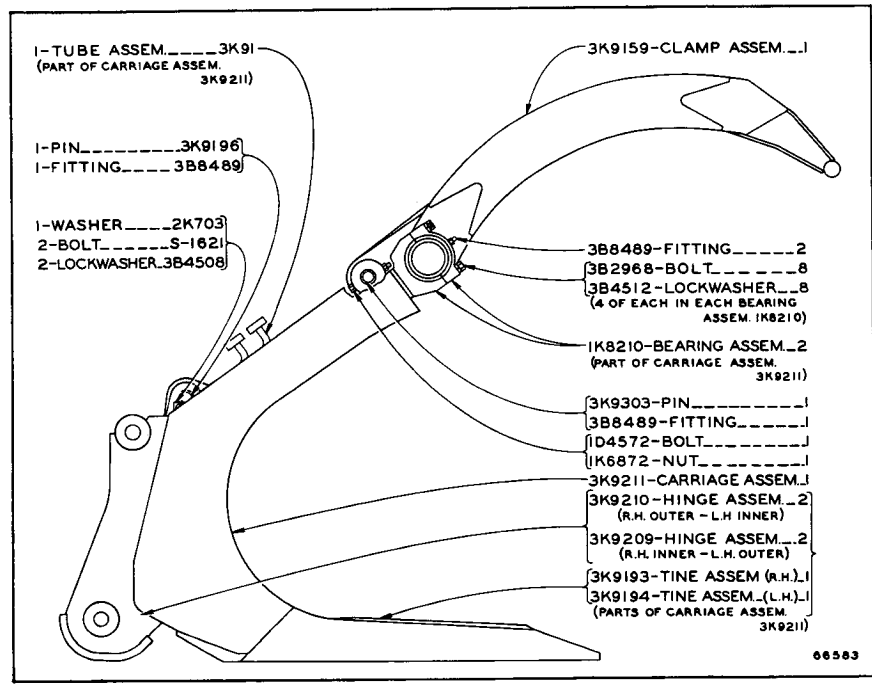
PULPWOOD FORK ARRANGEMENTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



IK8365 CARRIAGE AND CLAMP GROUP

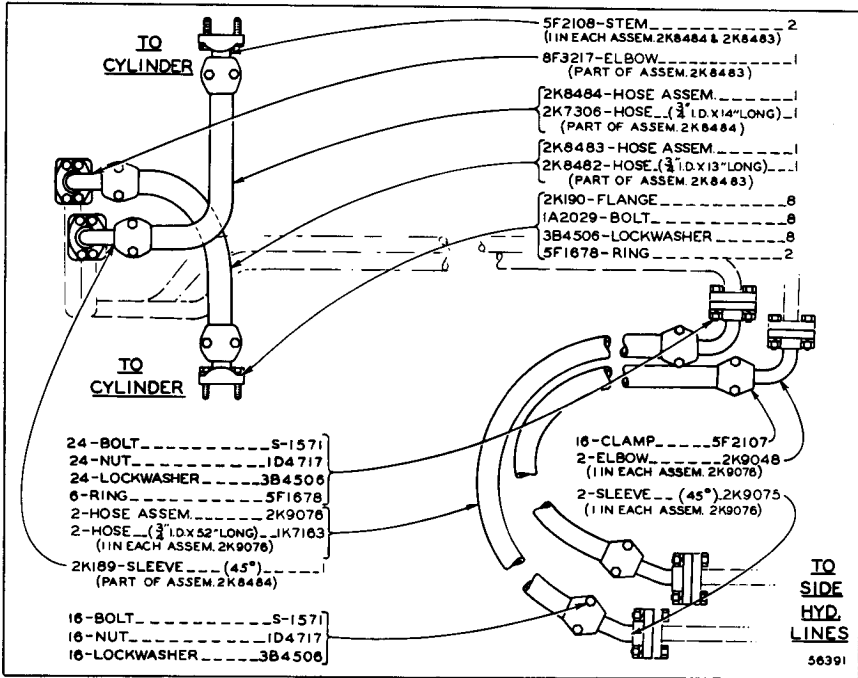
Part of IK8536 Pulpwood Fork Arrangement listed on Page 165



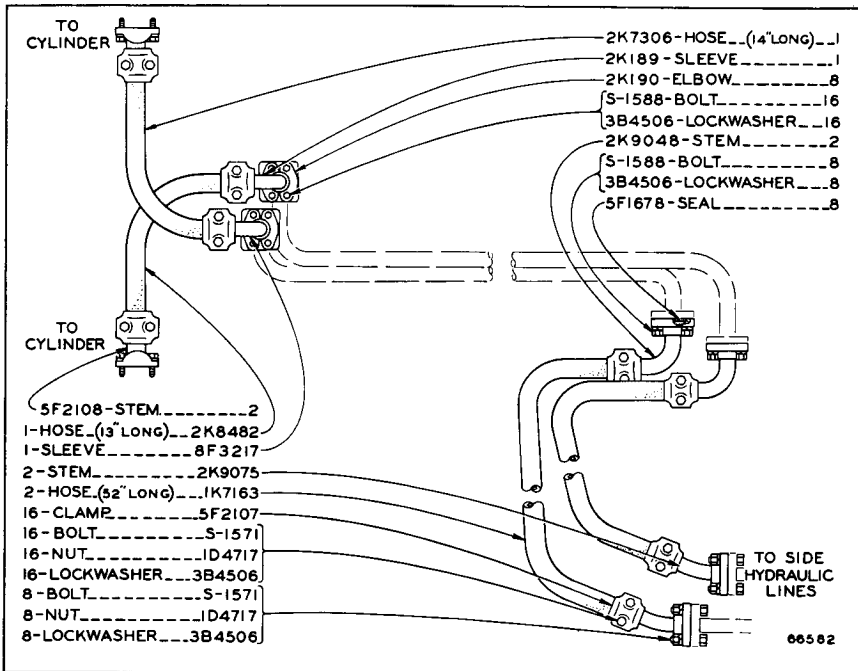
3K9322 CARRIAGE AND CLAMP GROUP

Part of 3K9323 Pulpwood Fork Arrangement listed on Page 165

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

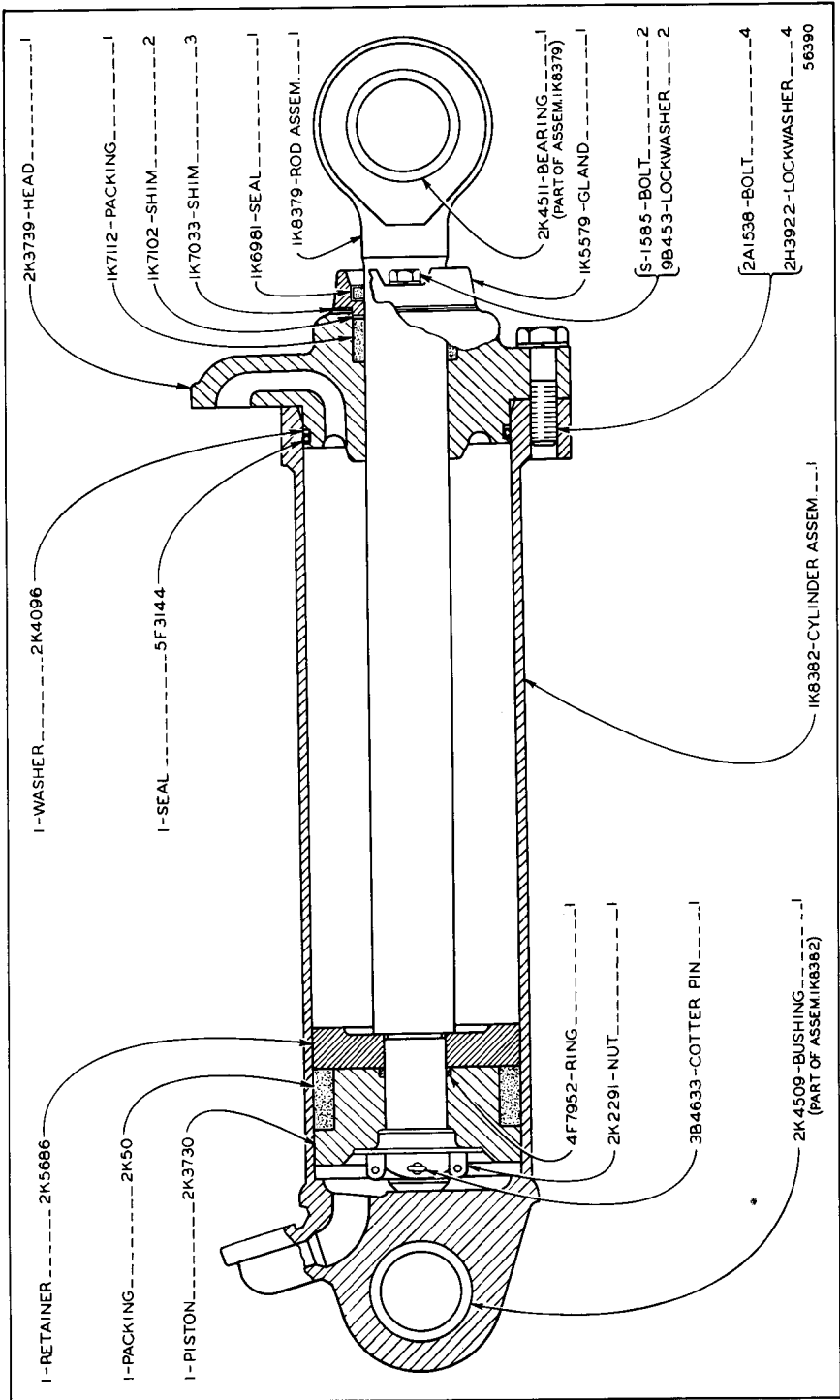


IK8923 HYDRAULIC LINES GROUP—Front
Part of 1K8536 Pulpwood Fork Arrangement listed on Page 165



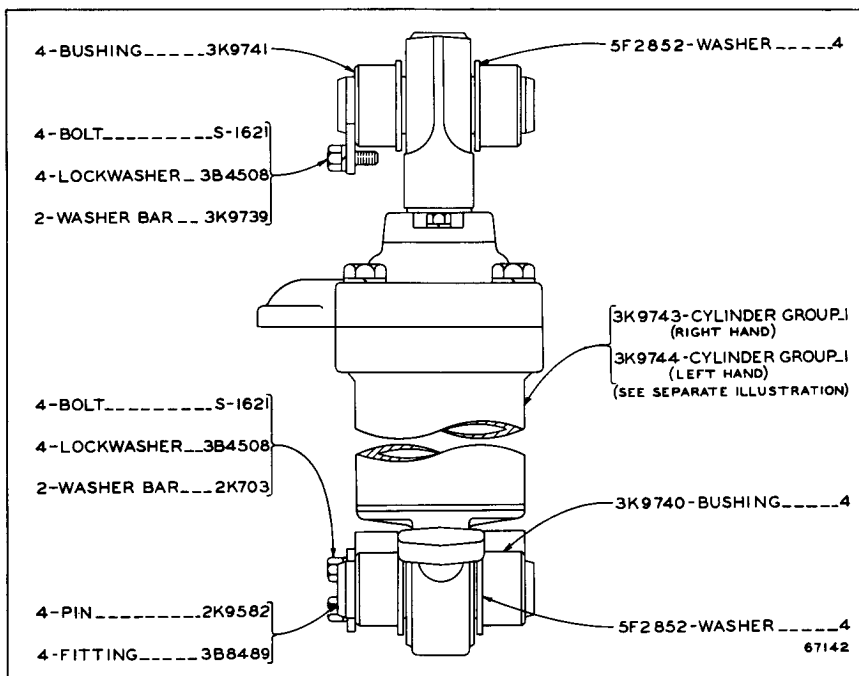
3K9321 HYDRAULIC LINES GROUP—Front
Part of 3K9323 Pulpwood Fork Arrangement listed on Page 165

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



1K8206 CYLINDER GROUP—5" x 14"
 Part of 1K8536 and 3K9323 Pulpwood Fork Arrangements listed on Page 165

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3K9768 LOG FORK CYLINDER ARRANGEMENT

3K9743 and 3K9744 Cylinder Group parts are shown on Pages 170 and 171

4K1735 For use with 2K5939 Lumber Fork Group shown on Page 164

Consists of:

Page

1	2K6841	Cylinder Group	173
1	4K325	Frame and Clamp Group	174
1	4K1736	Hydraulic Lines Group	176
1	.....	Form No. 34138	

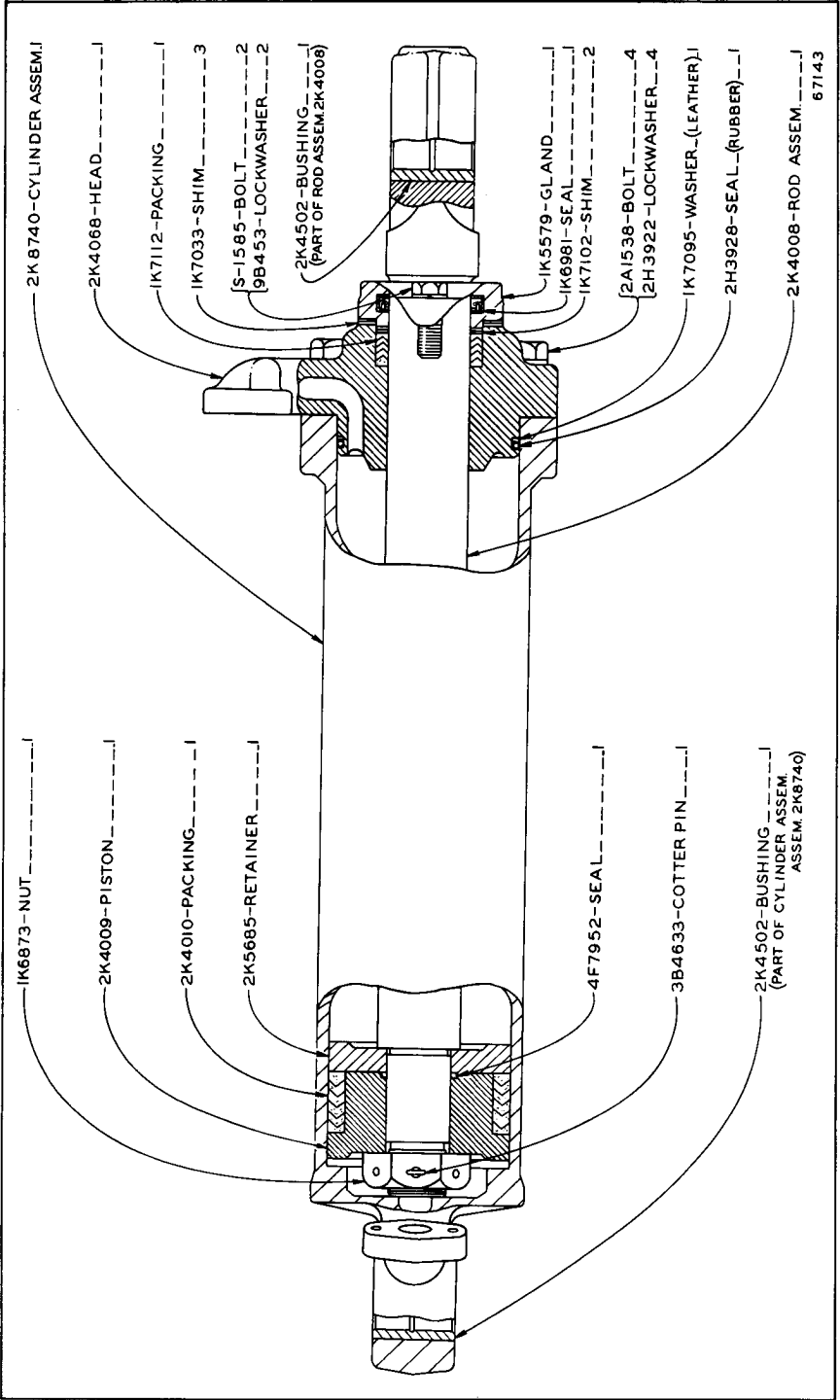
3K8399 For use with 3K8427 Log Fork Group shown on Page 164

Consists of:

1	3K481	Cylinder Group—R.H.	159
1	3K482	Cylinder Group—L.H.	159
1	3K1701	Top Clamp Group	174
1	3K8398	Hydraulic Lines Group	175
1	.....	Installation Instruction Form No. 33065	

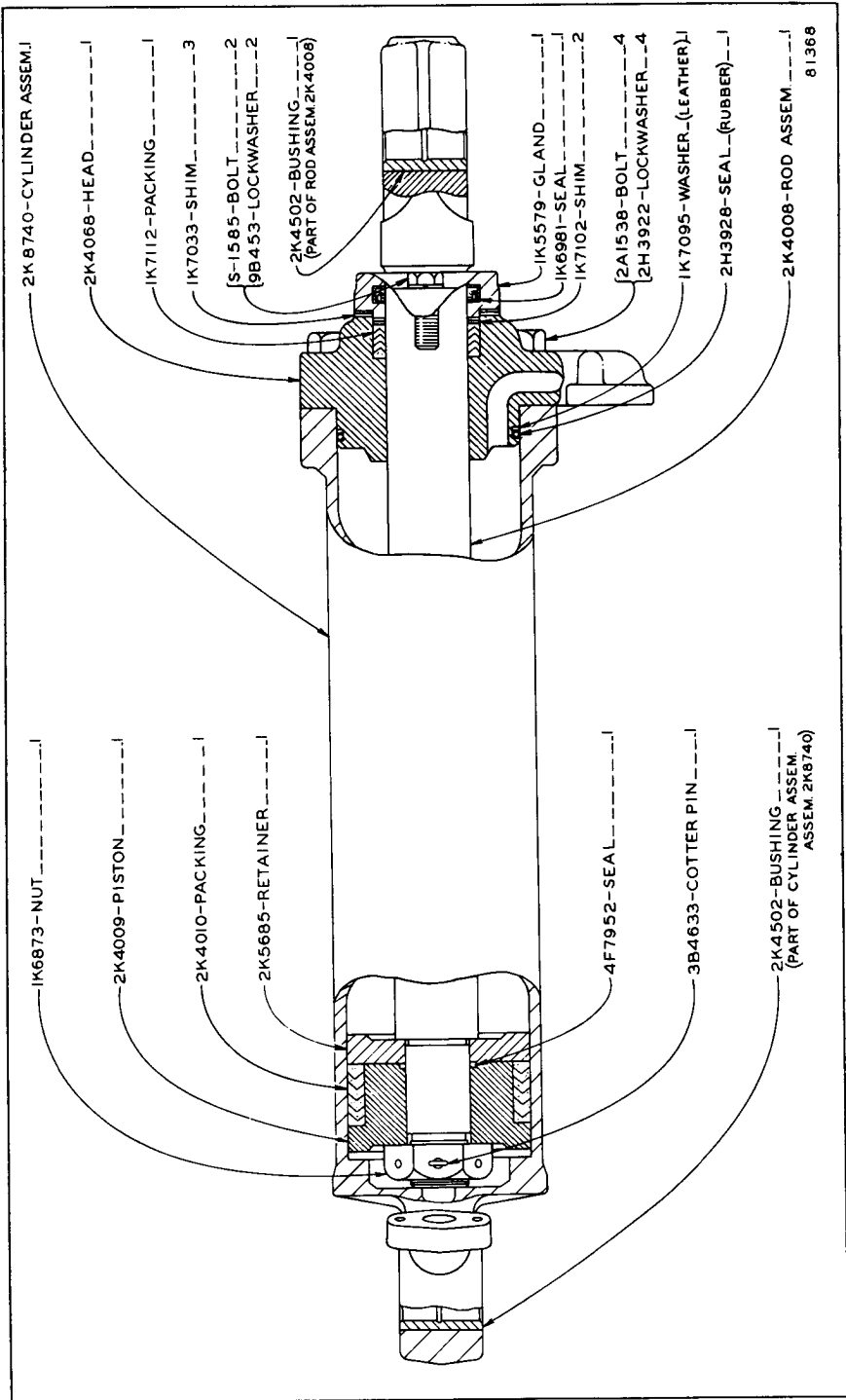
TOP CLAMP ARRANGEMENTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



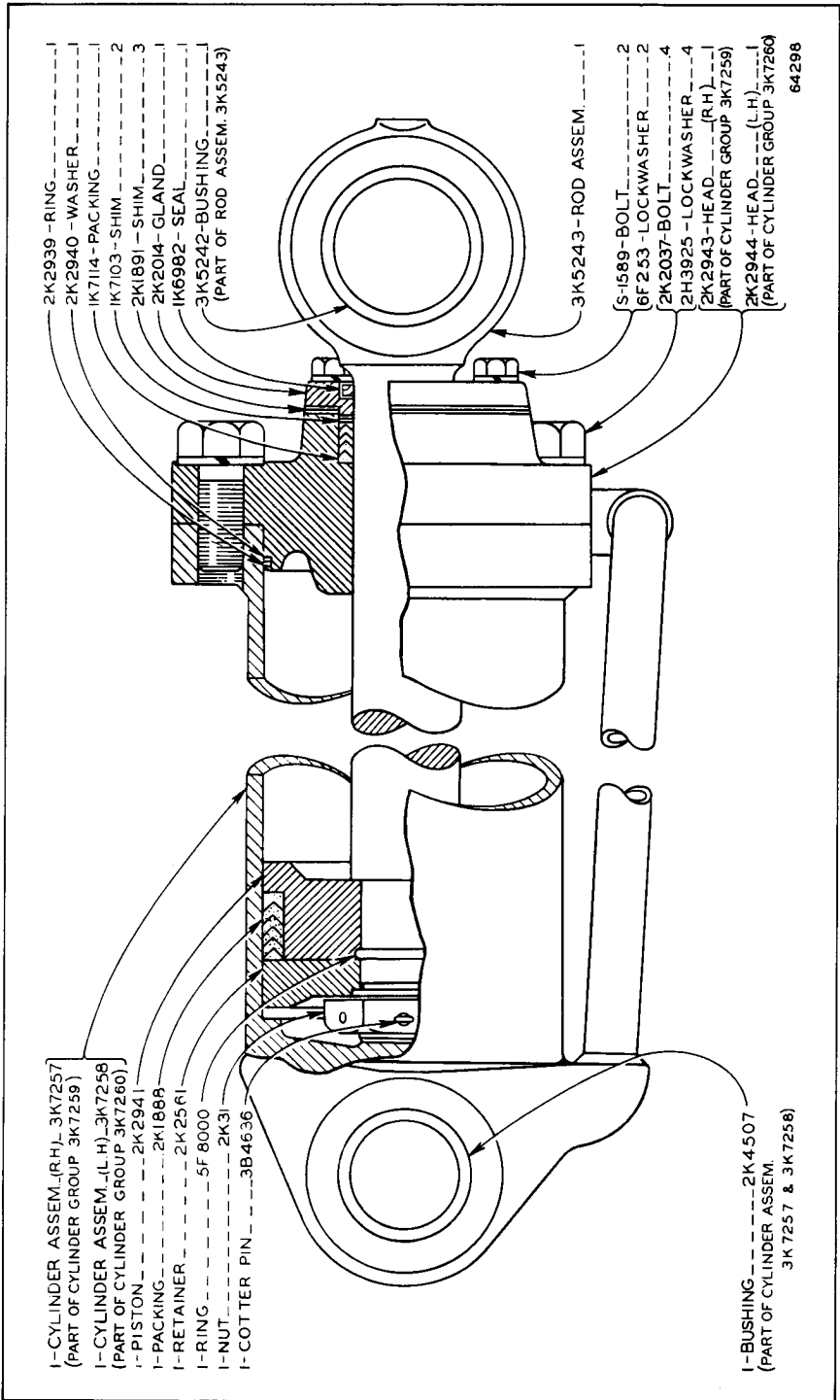
3K9743 CYLINDER GROUP—R.H.—4.5" x 14"
 Part of 3K9768 Log Fork Cylinder Arrangement shown on Page 169

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



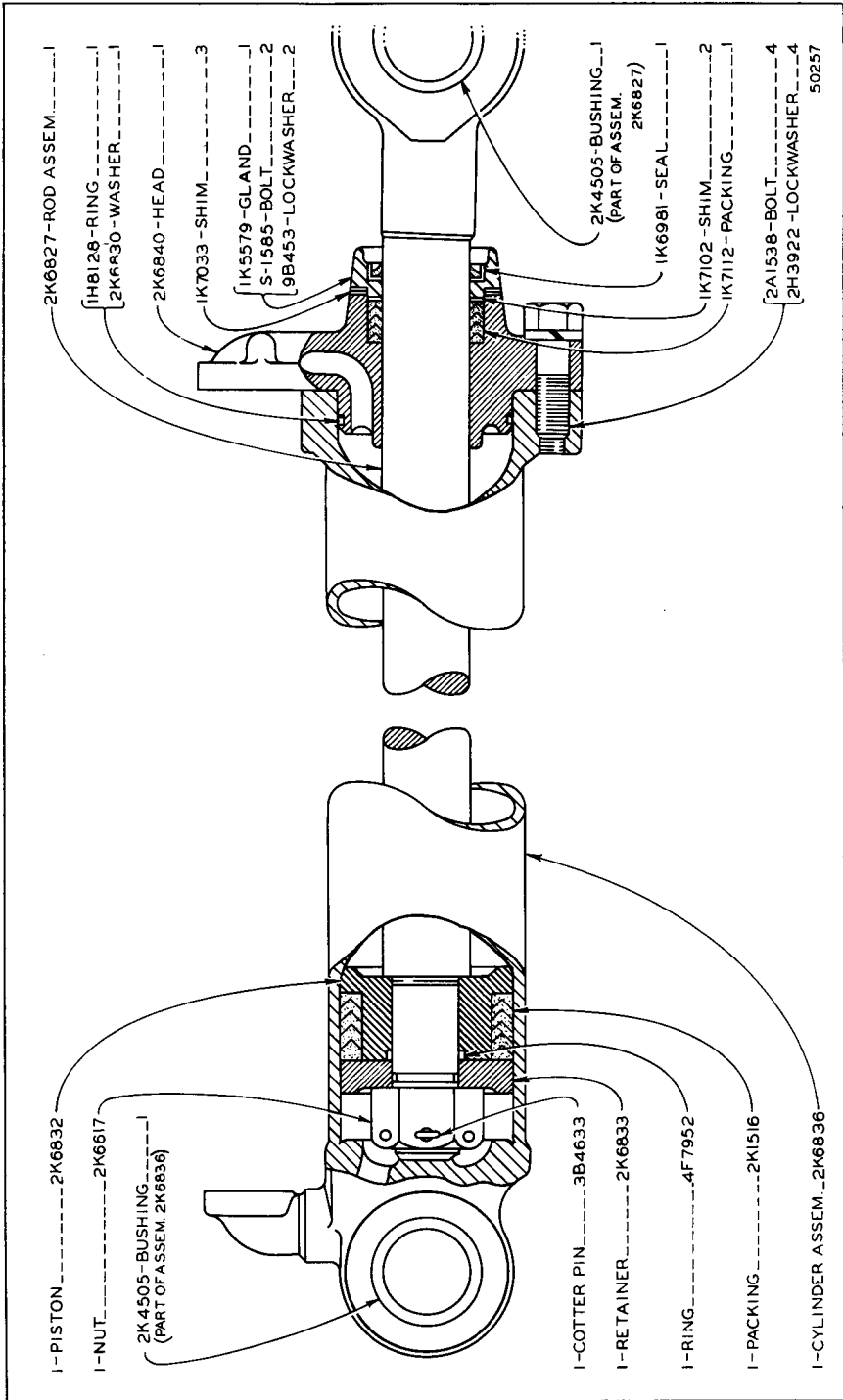
3K9744 CYLINDER GROUP—L.H.—4.5" x 14"
 Part of 3K9768 Log Fork Cylinder Arrangement shown on Page 169

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



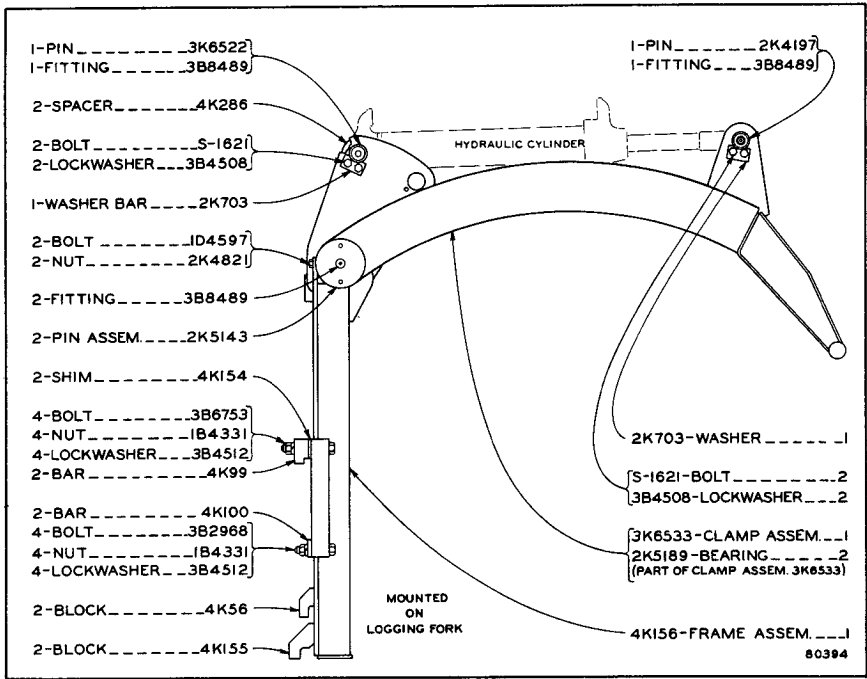
3K7259 LIFT CYLINDER GROUP-R.H.—7.25" x 32"
 3K7260 LIFT CYLINDER GROUP-L.H.—7.25" x 32"

Provides approximately 30% additional hydraulic lifting capacity

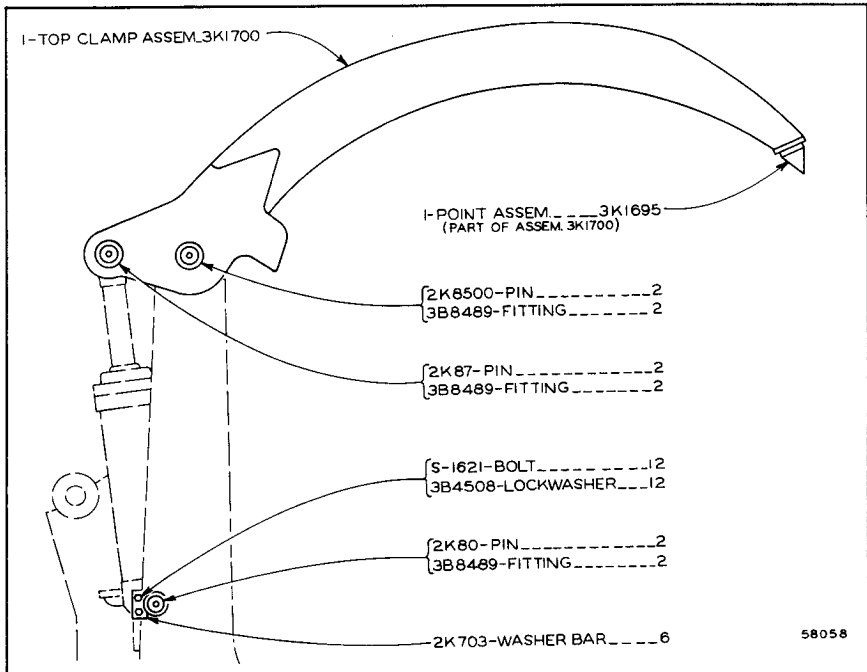


2K6841 CYLINDER GROUP—4" x 18.63"
 Part of 4K1735 Top Clamp Arrangement listed on Page 169

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

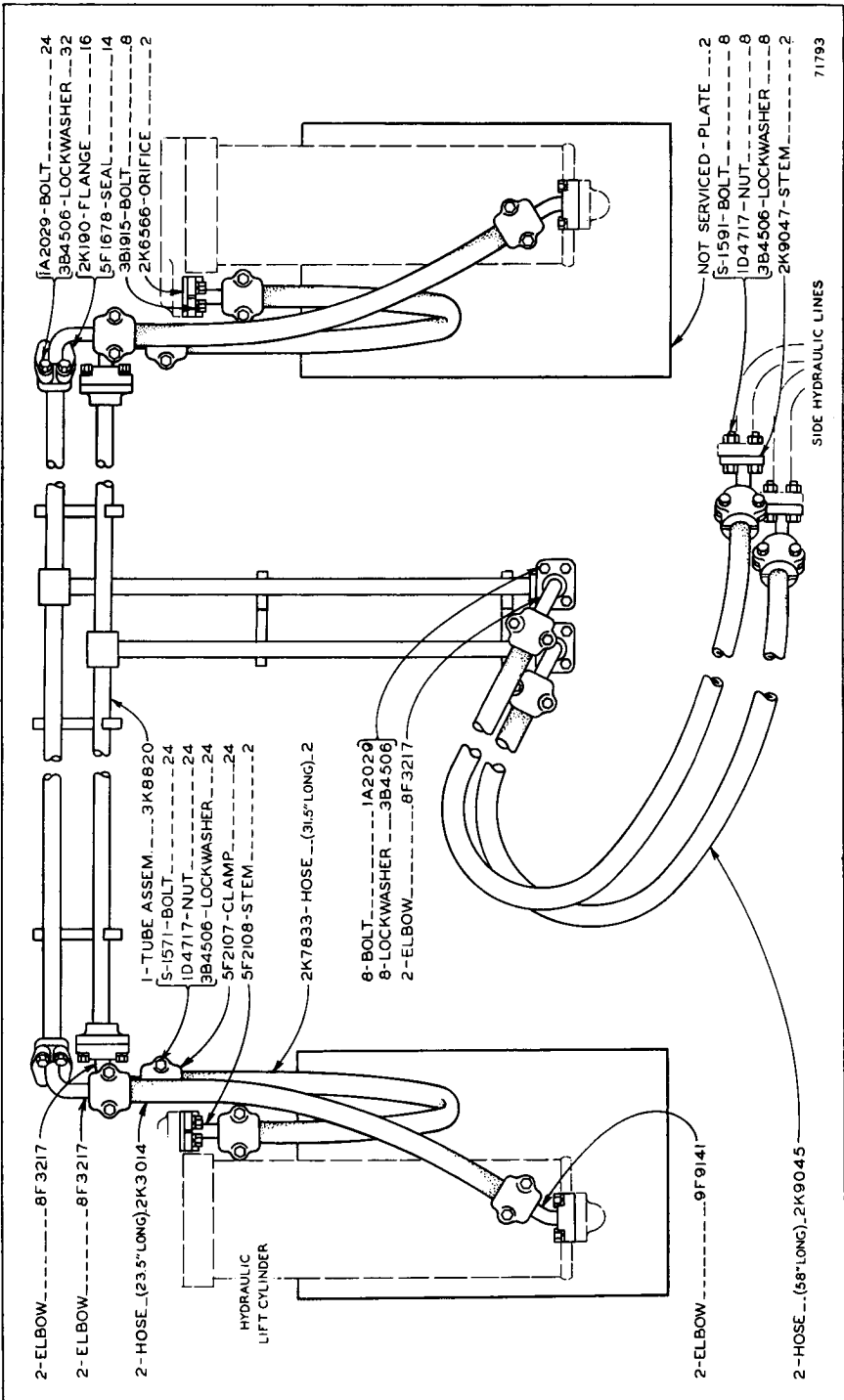


4K325 FRAME AND CLAMP GROUP—Side View
 Part of 4K1735 Top Clamp Arrangement listed on Page 169



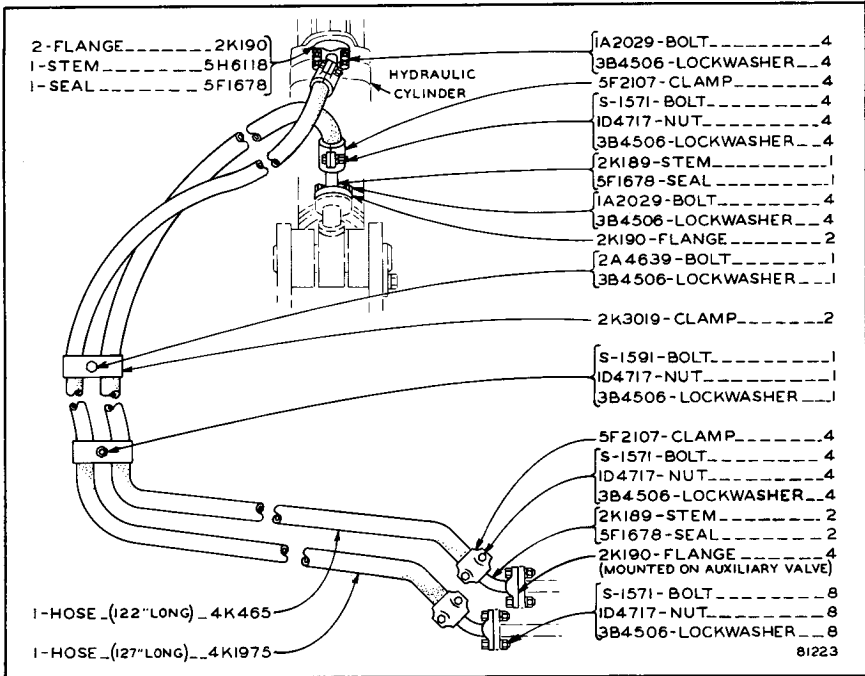
3K1701 TOP CLAMP GROUP
 Part of 3K8399 Top Clamp Arrangement listed on Page 169
 Only separate parts serviced

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3K8398 HYDRAULIC LINES GROUP—Front

Part of 3K8399 Top Clamp Arrangement listed on Page 169

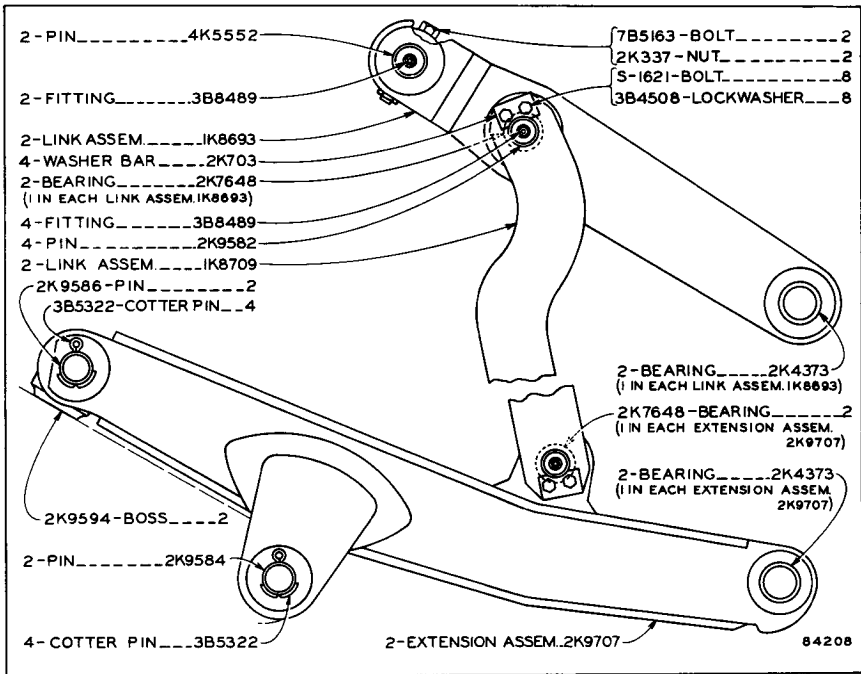


4K1736 HYDRAULIC LINES GROUP—Front
 Part of 4K1735 Top Clamp Arrangement listed on Page 169

Consists of:		Page
1	IK8736 Lift Arm Extension Group.....	177
1	IK8989 Hydraulic Lines Group.....	177

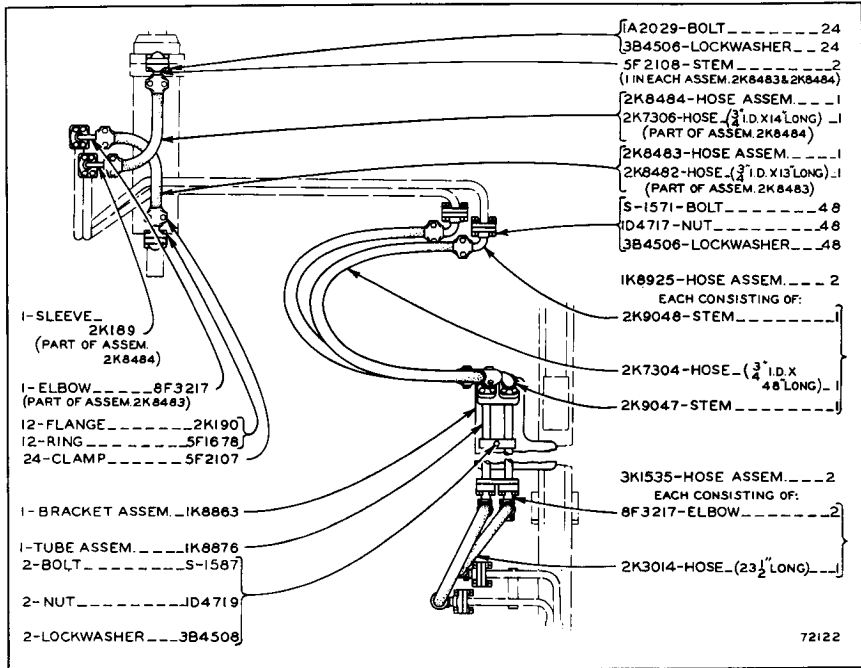
3K480 LIFT ARM EXTENSION ARRANGEMENT
 For use with Pulpwood Fork

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



1K8736 LIFT ARM EXTENSION GROUP

For use without Pulpwood Fork, Side Dump Bucket or Top Clamp
Also part of 3K480 Lift Arm Extension Arrangement



1K8989 HYDRAULIC LINES GROUP—Front
Part of 3K480 Lift Arm Extension Arrangement

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

3K4065	For use with Front Attachments—Factory Installation	
	Consists of:	Page
|	2J8321 Tank and Valve Group.....	180
|	3K5505 Hydraulic Lines Group.....	198
|	3K5760 Hydraulic Valve Control Group.....	196
|	..... Installation Instruction Form No. 33487	
4K4067	For use with 4K4625 Multi-Purpose Bucket Arrangement	
	listed on Page 157 and other Front Attachments	
	Consists of:	
|	4J2147 Tank and Valve Group.....	182
|	3K5760 Hydraulic Valve Control Group.....	196
|	4K4591 Hydraulic Lines Group.....	199
|	..... Installation Instruction Form No. 33487	
3K4066	For use with Rear Attachments—Factory Installation	
	Consists of:	
|	2J8321 Tank and Valve Group.....	180
|	3K5503 Hydraulic Lines Group.....	200
|	3K5764 Hydraulic Valve Control Group.....	196
|	..... Installation Instruction Form No. 33487	
3K4097	For use with combined Front and Rear Attachments	
	Consists of:	
|	2J8329 Tank and Valve Group.....	186
|	2J8330 External Valve Group.....	197
|	3J112 Lines Group.....	201
|	3K5505 Hydraulic Lines Group.....	198
|	3K5760 Hydraulic Valve Control Group.....	196
|	3K6670 Hydraulic Lines Group.....	200
|	3K6671 Hydraulic Control Group.....	201
|	..... Installation Instruction Form No. 33487	
4K4068	For use with 4K4625 Multi-Purpose Bucket Arrangement	
	listed on Page 157 and other Front and Rear Attachments	
|	2J8330 External Valve Group.....	197
|	3J112 Lines Group.....	201
|	4J2149 Tank and Valve Group.....	188
|	3K5760 Hydraulic Valve Control Group.....	196
|	3K6670 Hydraulic Lines Group.....	200
|	3K6671 Hydraulic Control Group.....	201
|	4K4591 Hydraulic Lines Group.....	199
|	..... Installation Instruction Form No. 33487	

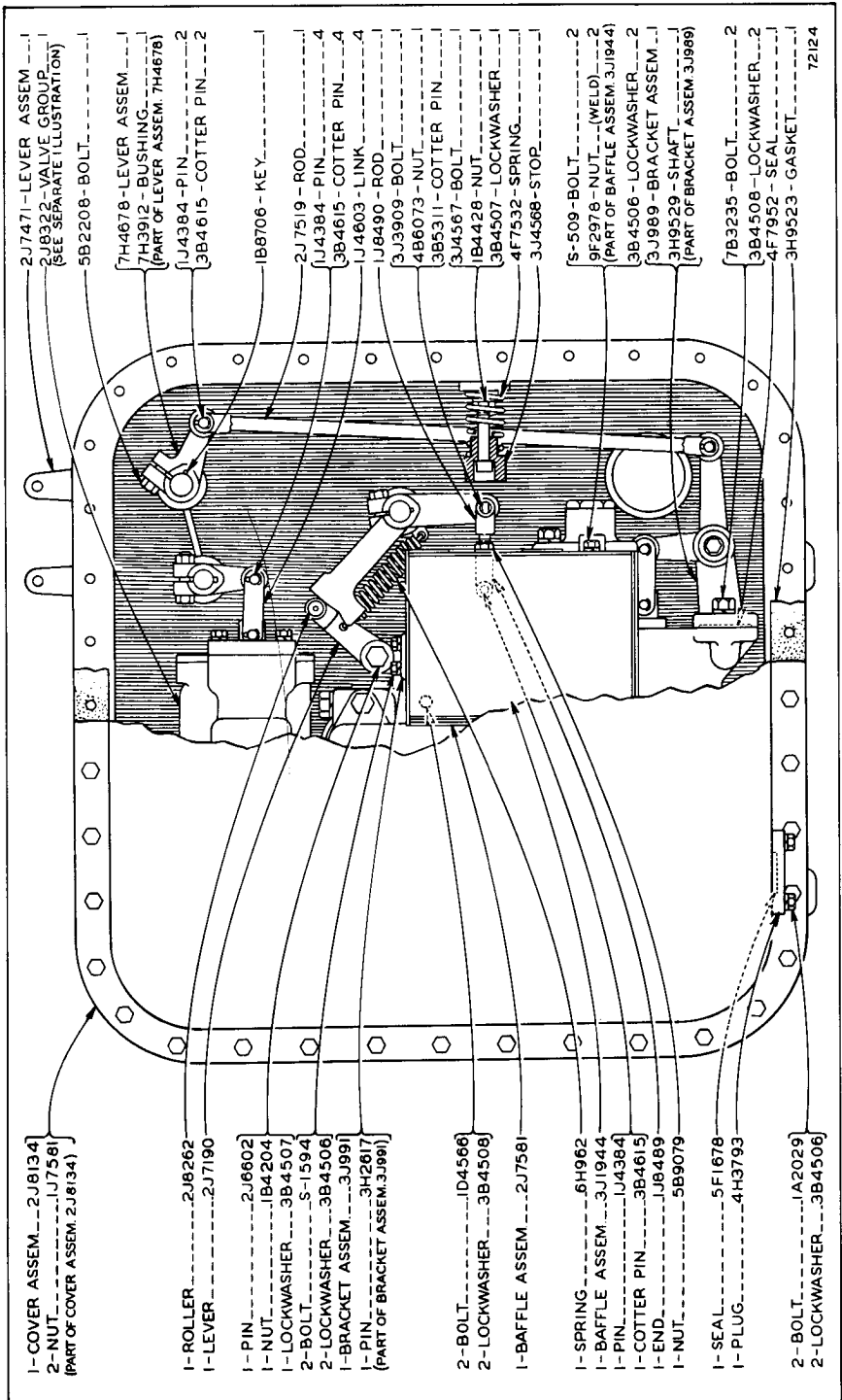
HYDRAULIC ARRANGEMENTS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

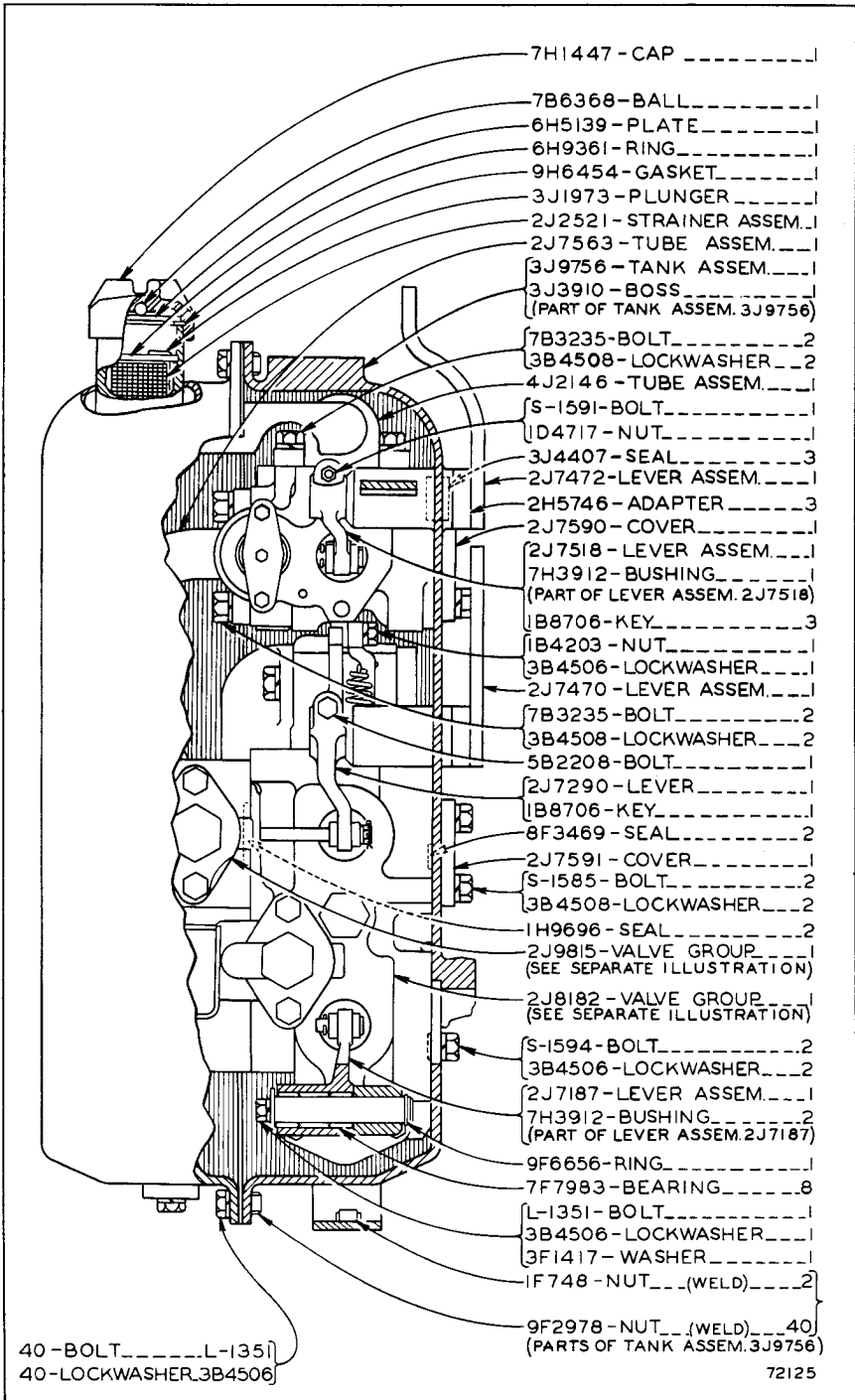
3K5235	For use with Front mounted Attachments	
	2 Valve to 3 Valve	
	Consists of:	Page
|	4J3213 Conversion Group	202
|	3K5505 Hydraulic Lines Group	198
|	3K5760 Hydraulic Valve Control Group	196
|	..... Installation Instruction Form No. 33487	
3K5236	For use with Rear mounted Attachments	
	2 Valve to 3 Valve	
	Consists of:	
|	4J3213 Conversion Group	202
|	3K5503 Hydraulic Lines Group	200
|	3K5764 Hydraulic Valve Control Group	196
|	..... Installation Instruction Form No. 33487	
3K5237	For use with combined Front and Rear mounted Attachments	
	2 Valve to 4 Valve	
	Consists of:	
|	4J3215 Field Conversion Group	179
|	3K5505 Hydraulic Lines Group	198
|	3K5760 Hydraulic Valve Control Group	196
|	3K6670 Hydraulic Lines Group	200
|	3K6671 Hydraulic Control Group	201
|	..... Installation Instruction Form No. 33487	
4J3215	Field Conversion Group—2 Valve to 4 Valve	
	Part of 3K5237 Field Conversion Arrangement	
	Consists of:	
|	4J3213 Conversion Group	202
|	4J3214 Conversion Group	202
3K5238	For use with combined Front and Rear mounted Attachments	
	3 Valve Front Attachment to 4 Valve	
	Consists of:	
|	4J3214 Conversion Group	202
|	3K6670 Hydraulic Lines Group	200
|	3K6671 Hydraulic Control Group	201
|	..... Installation Instruction Form No. 33487	
3K5239	For use with combined Front and Rear Mounted Attachments	
	3 Valve Rear Attachment to 4 Valve	
	Consists of:	
|	4J3214 Conversion Group	202
|	3K5505 Hydraulic Lines Group	198
|	3K5760 Hydraulic Valve Control Group	196
|	3K6670 Hydraulic Lines Group	200
|	3K6671 Hydraulic Control Group	201
|	..... Installation Instruction Form No. 33487	

FIELD CONVERSION ARRANGEMENTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

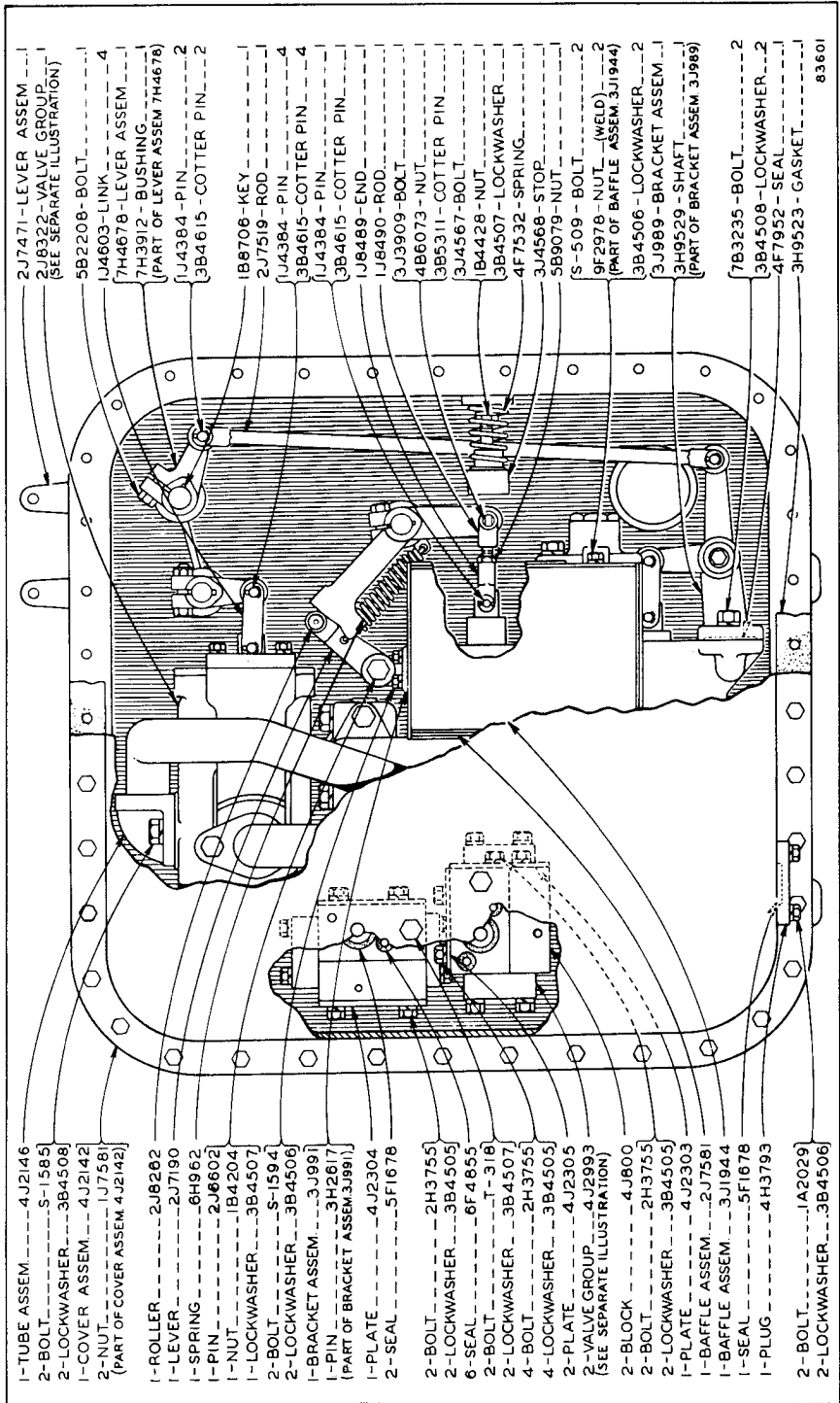


2J8321 TANK AND VALVE GROUP—3 Valve—Front View
Part of 3K4065 and 3K4066 Hydraulic Arrangements listed on Page 178
2J8322 Internal Valve Group parts are shown on Page 192

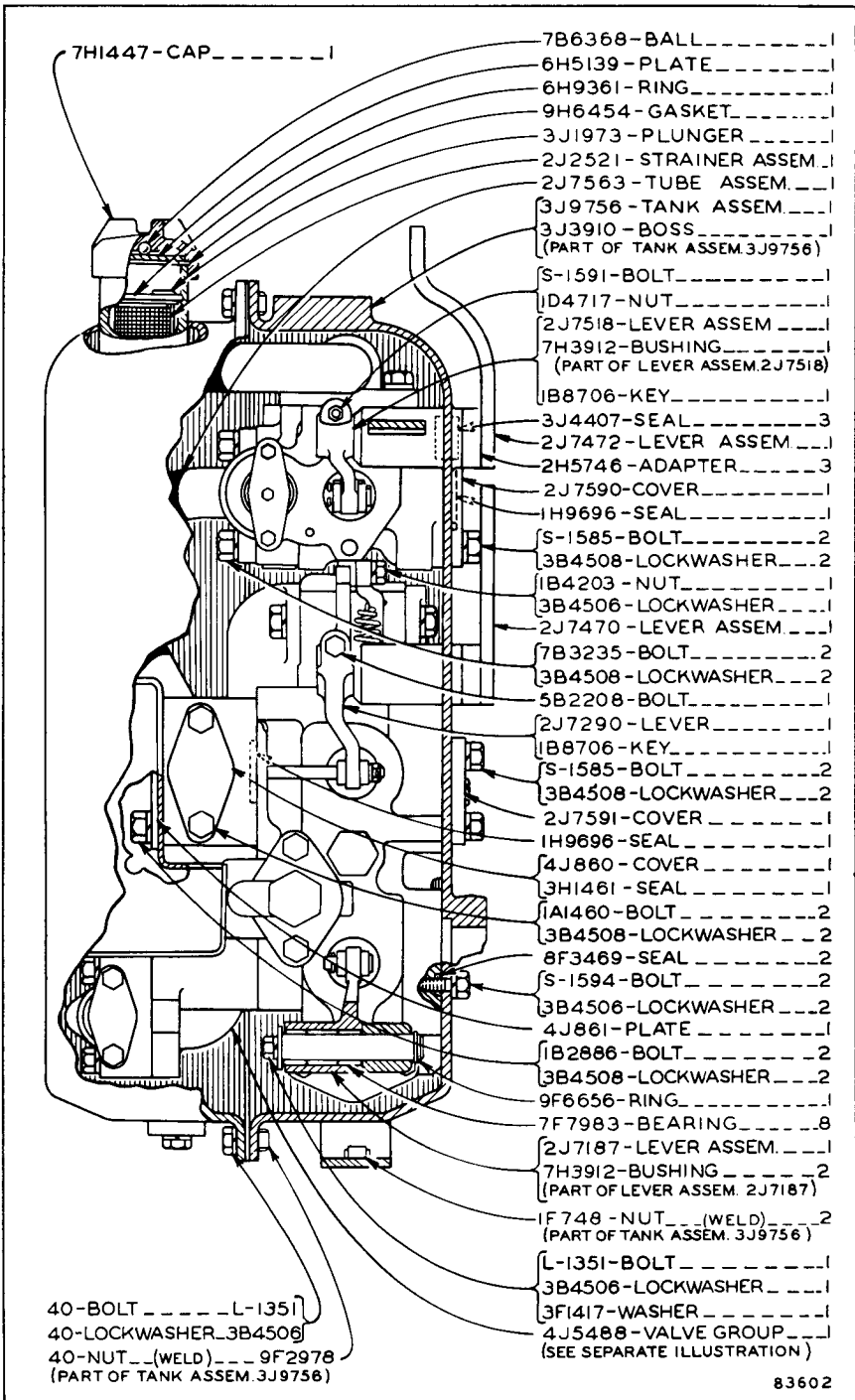


2J8321 TANK AND VALVE GROUP—3 Valve—Side View
 Part of 3K4065 and 3K4066 Hydraulic Arrangements listed on Page 178
 2J8182 and 2J9815 Valve Group parts are shown on Pages 118 and 192

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4J2147 TANK AND VALVE GROUP—3 Valve—Front View—First Type
 Part of 4K4067 Hydraulic Arrangement listed on Page 178
 2J8322 and 4J2993 Valve Group parts are shown on Pages 192 and 193

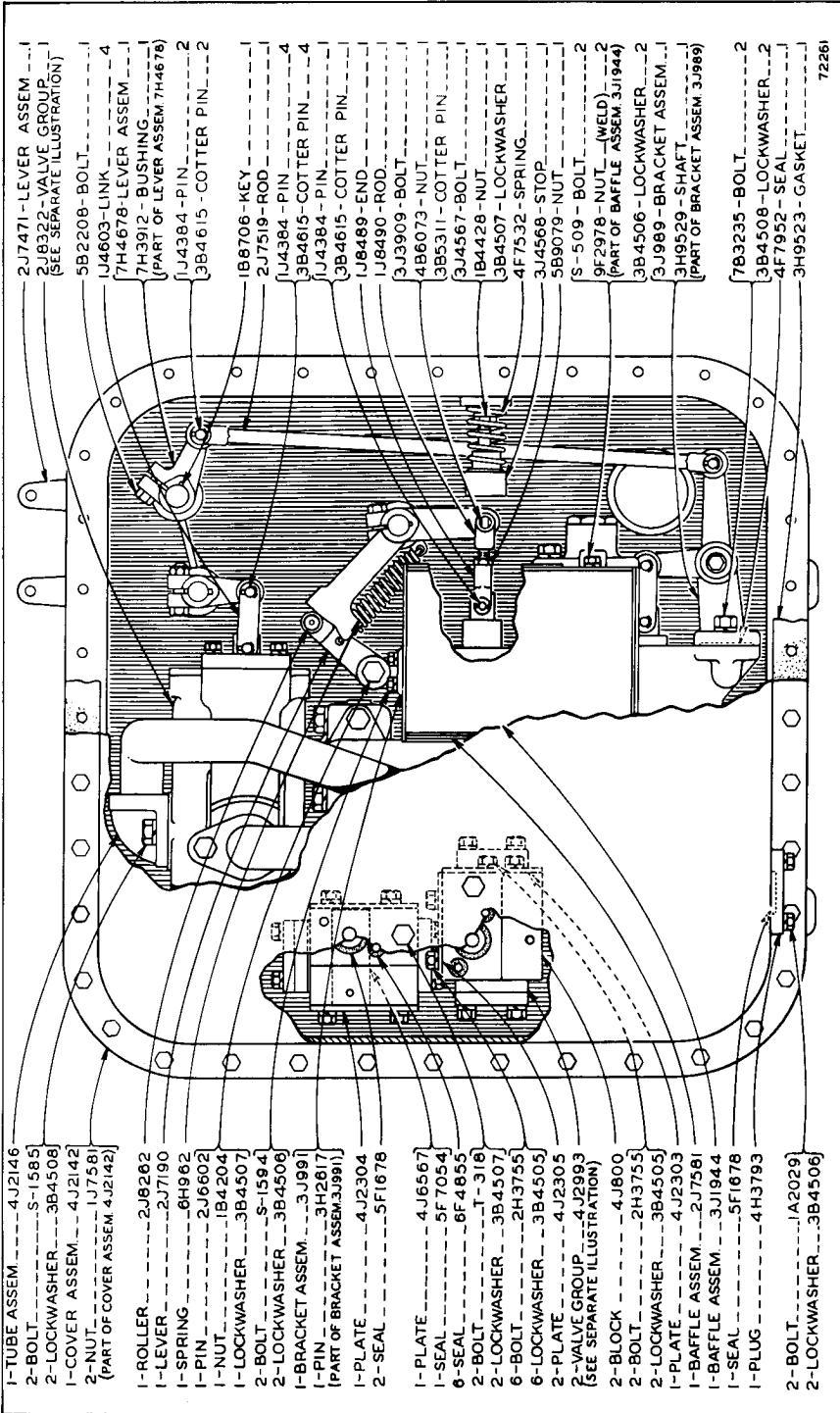


4J2147 TANK AND VALVE GROUP—3 Valve—Side View—First Type

Part of 4K4067 Hydraulic Arrangement listed on Page 178

4J5488 Control Valve Group parts are shown on Page 194

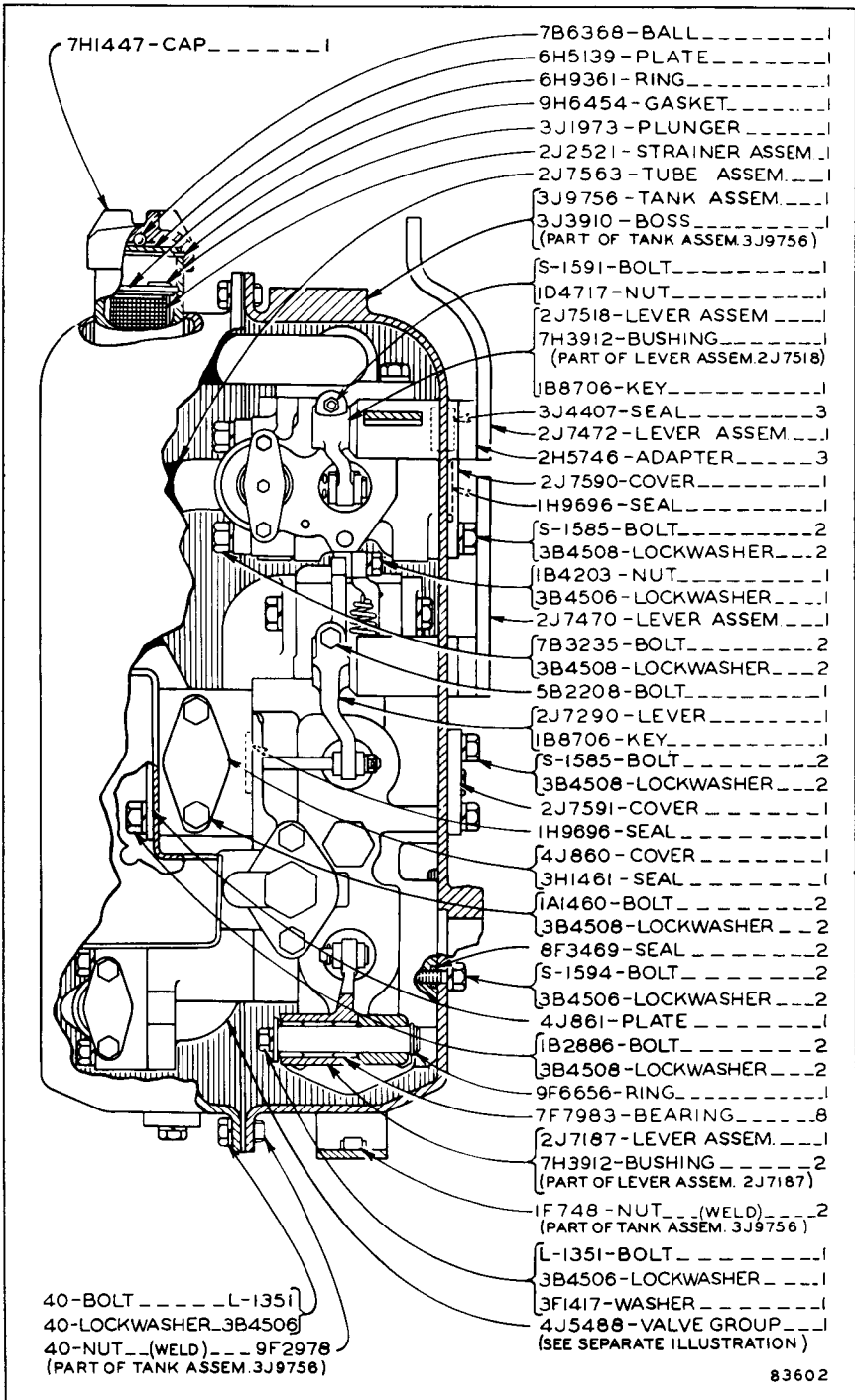
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



- 2J7471 - LEVER ASSEM... 1
- 2J8322 - VALVE GROUP... 1
(SEE SEPARATE ILLUSTRATION)
- 5B 2208 - BOLT... 1
- IJ4603 - LINK... 4
- 7H4678 - LEVER ASSEM... 4
- 7H3912 - BUSHING... 2
(PART OF LEVER ASSEM 7H4678)
- IJ4384 - PIN... 2
- 3B4615 - COTTER PIN... 2
- IB8706 - KEY... 1
- 2U7519 - ROD... 1
- IJ4384 - PIN... 4
- 3B4615 - COTTER PIN... 4
- IJ4384 - PIN... 1
- 3B4615 - COTTER PIN... 1
- IJ8489 - END... 1
- IJ8490 - ROD... 1
- 3J3909 - BOLT... 1
- 4B6073 - NUT... 1
- 3B5311 - COTTER PIN... 1
- 3J4567 - BOLT... 1
- IB4428 - NUT... 1
- 3B4507 - LOCKWASHER... 1
- 4F7532 - SPRING... 1
- 3J4568 - STOP... 1
- 5B9079 - NUT... 1
- S-509 - BOLT... 2
- 9F2978 - NUT - (WELD)... 2
(PART OF BAFFLE ASSEM 3J1944)
- 3B4506 - LOCKWASHER... 2
- 3J989 - BRACKET ASSEM... 1
- 3H9529 - SHAFT... 1
(PART OF BRACKET ASSEM 3J989)
- 7B3235 - BOLT... 2
- 3B4508 - LOCKWASHER... 2
- 4F7952 - SEAL... 1
- 3H9523 - GASKET... 1
17261

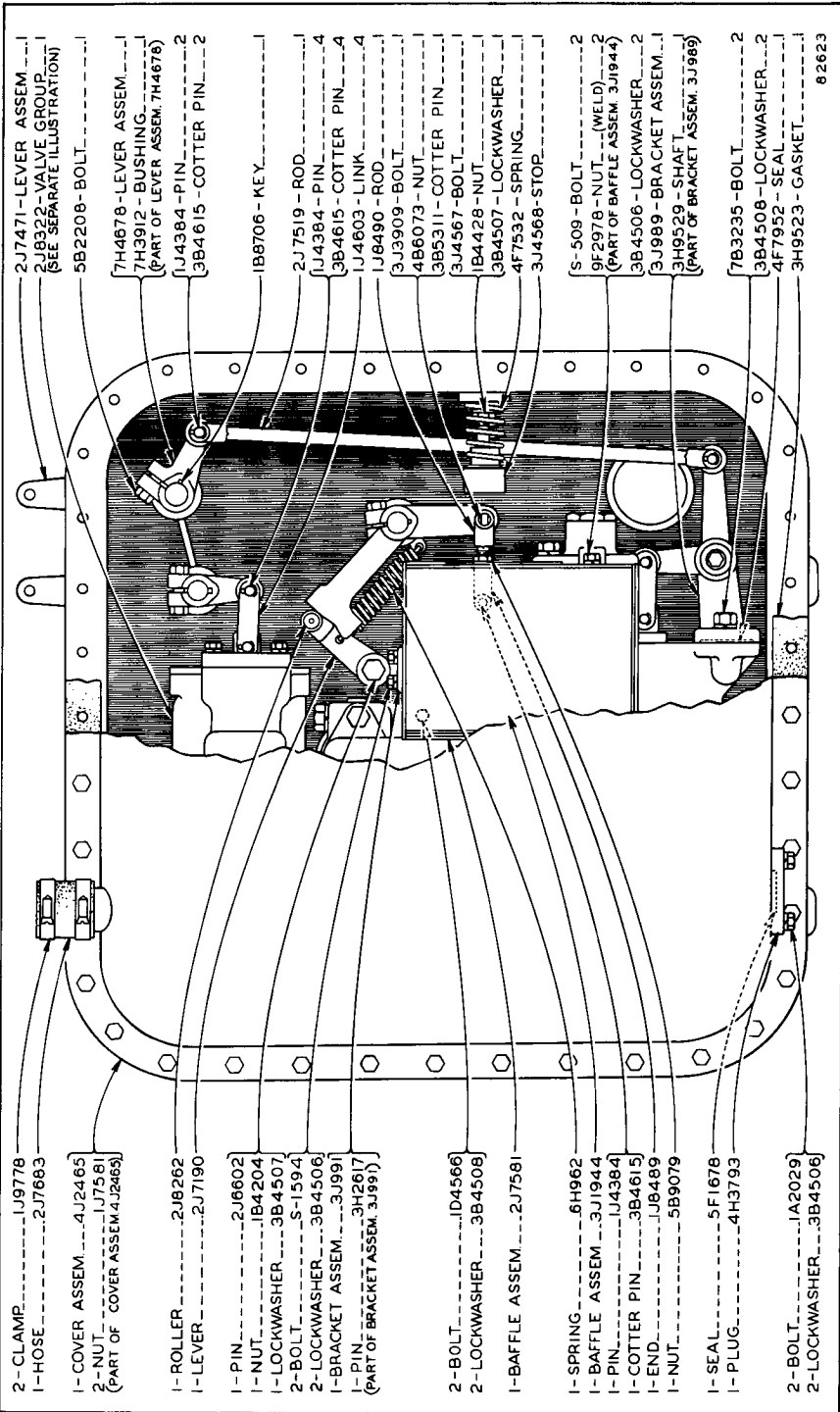
- 1-TUBE ASSEM... 4J2146
- 2-BOLT... S-1585
- 2-LOCKWASHER... 3B4508
- 1-COVER ASSEM... 4J2142
- 2-NUT... IJ7581
(PART OF COVER ASSEM 4J2142)
- 1-ROLLER... 2J8282
- 1-LEVER... 2J7190
- 1-SPRING... 6H962
- 1-PIN... 2J6602
- 1-NUT... IB4204
- 1-LOCKWASHER... 3B4507
- 2-BOLT... S-1594
- 2-LOCKWASHER... 3B4506
- 1-BRACKET ASSEM... 3J991
- 1-PIN... 3H2817
(PART OF BRACKET ASSEM 3J991)
- 1-PLATE... 4J2304
- 2-SEAL... 5F1678
- 1-PLATE... 4J6567
- 1-SEAL... 5F7054
- 0-SEAL... 6F4855
- 2-BOLT... T-316
- 2-LOCKWASHER... 3B4507
- 6-BOLT... 2H3755
- 6-LOCKWASHER... 3B4505
- 2-PLATE... 4J2305
- 2-VALVE GROUP... 4J2993
(SEE SEPARATE ILLUSTRATION)
- 2-BLOCK... 4J800
- 2-BOLT... 2H3755
- 2-LOCKWASHER... 3B4505
- 1-PLATE... 4J2303
- 1-BAFFLE ASSEM... 2J7581
- 1-BAFFLE ASSEM... 3J1944
- 1-SEAL... 5F1678
- 1-PLUG... 4H3793
- 2-BOLT... IA2029
- 2-LOCKWASHER... 3B4506

4J2147 TANK AND VALVE GROUP—3 Valve—Front View—Second Type
 Part of 4K4067 Hydraulic Arrangement listed on Page 178
 2J8322 and 4J2993 Valve Group parts are shown on Pages 192 and 193



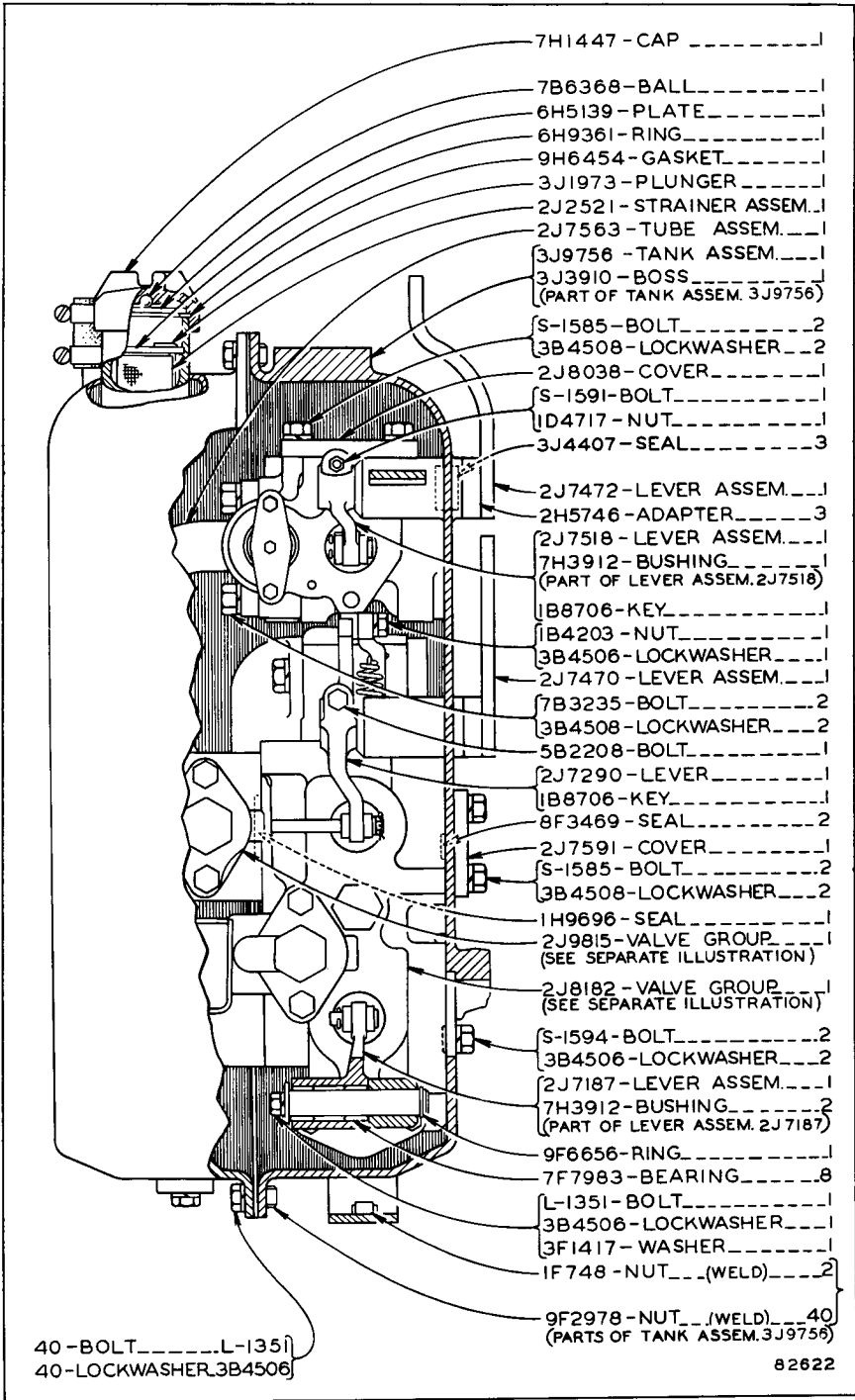
4J2147 TANK AND VALVE GROUP—3 Valve—Side View—Second Type
 Part of 4K4067 Hydraulic Arrangement listed on Page 178
 4J5488 Control Valve Group parts are shown on Page 194

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2J8329 TANK AND VALVE GROUP—4 Valve—Front View
 Part of 3K4097 Hydraulic Arrangement listed on Page 178
 2J8322 Internal Valve Group parts are shown on Page 192

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

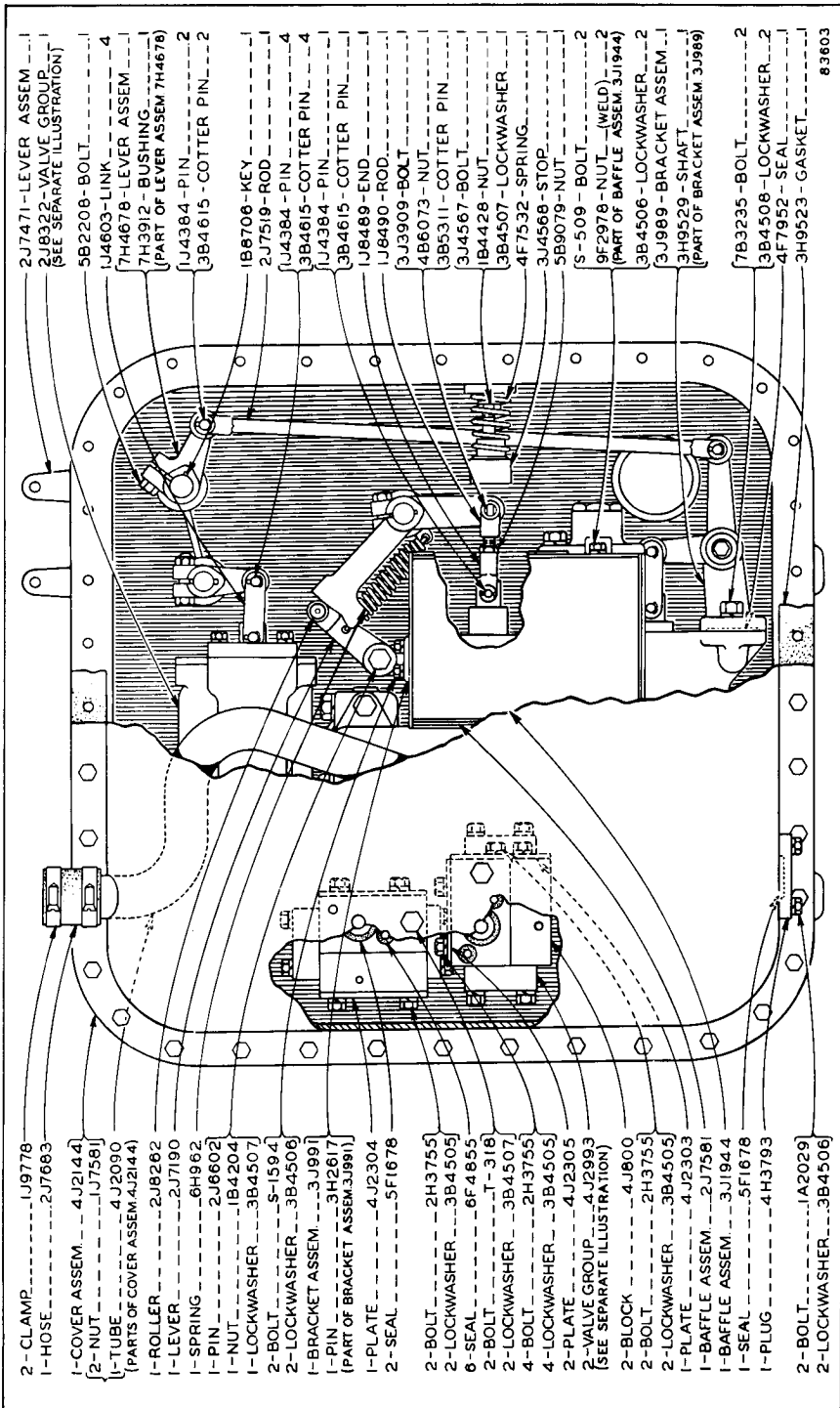


2J8329 TANK AND VALVE GROUP—4 Valve—Side View

Part of 3K4097 Hydraulic Arrangement listed on Page 178

2J8182 and 2J9815 Valve Group parts are shown on Pages 118 and 192

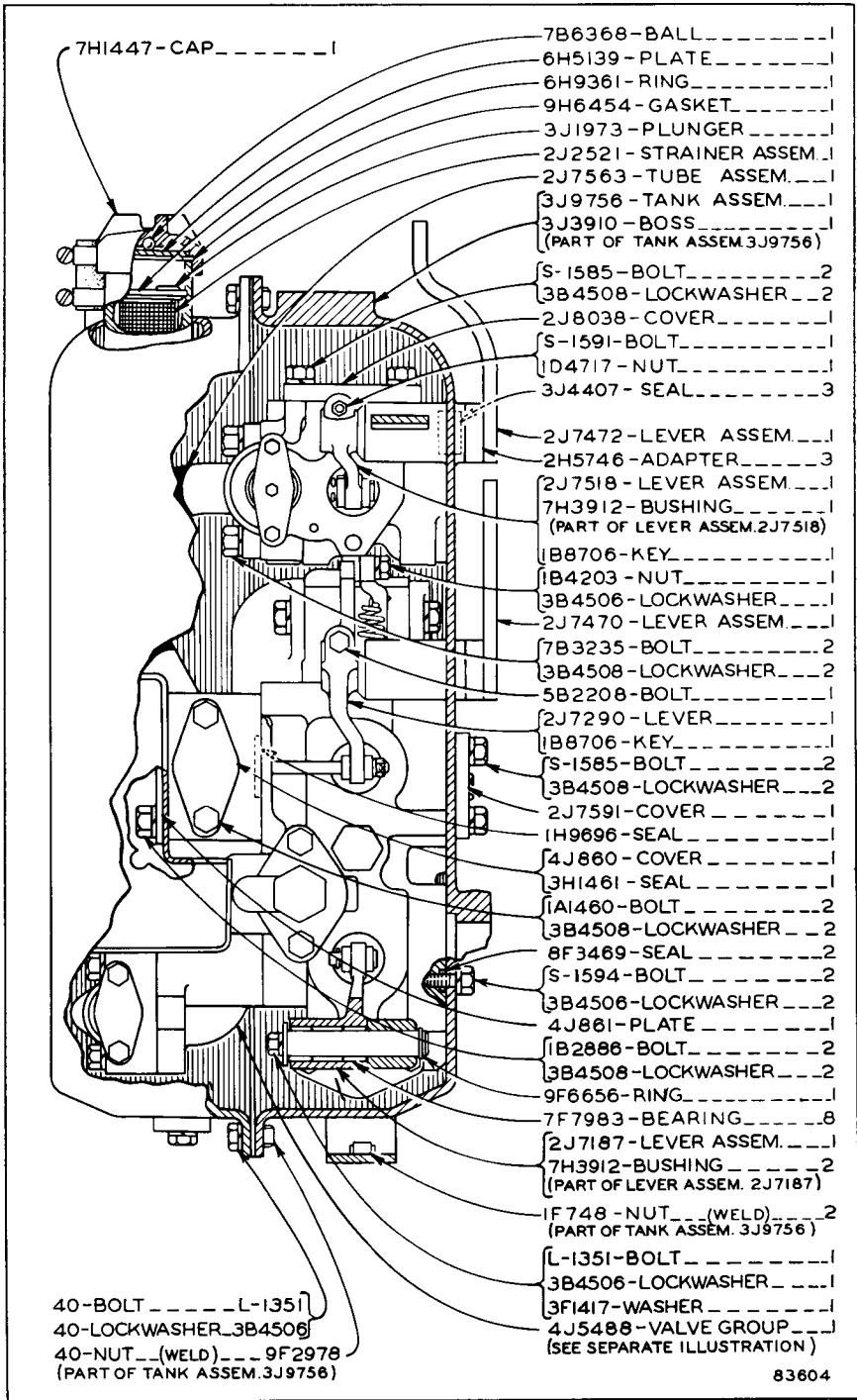
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4J2149 TANK AND VALVE GROUP—4 Valve—Front View—First Type

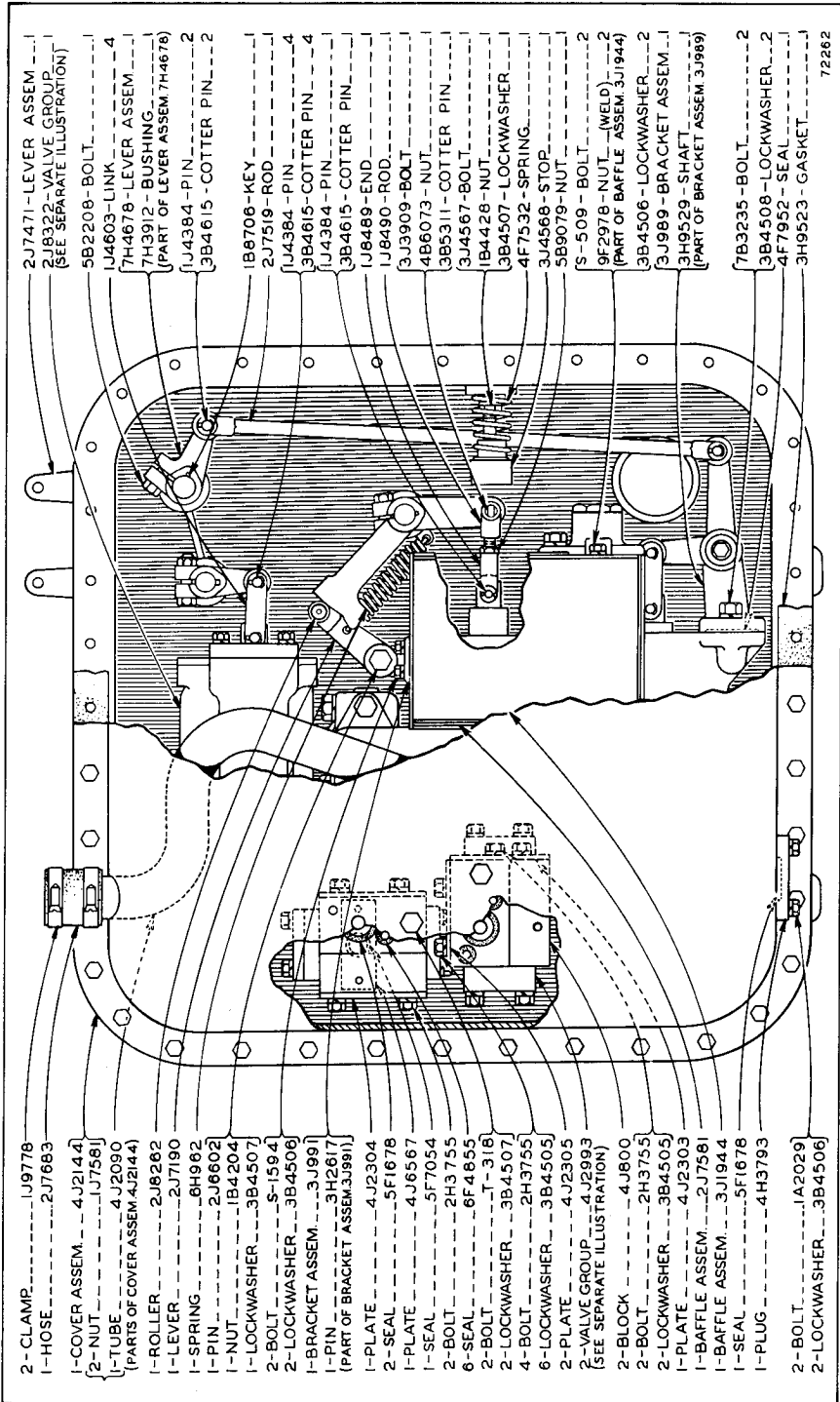
Part of 4K4068 Hydraulic Arrangement listed on Page 178

2J8322 and 4J2993 Valve Group parts are shown on Pages 192 and 193



4J2149 TANK AND VALVE GROUP—4 Valve—Side View—First Type
 Part of 4K4068 Hydraulic Arrangement listed on Page 178
 4J5488 Control Valve Group parts are shown on Page 194

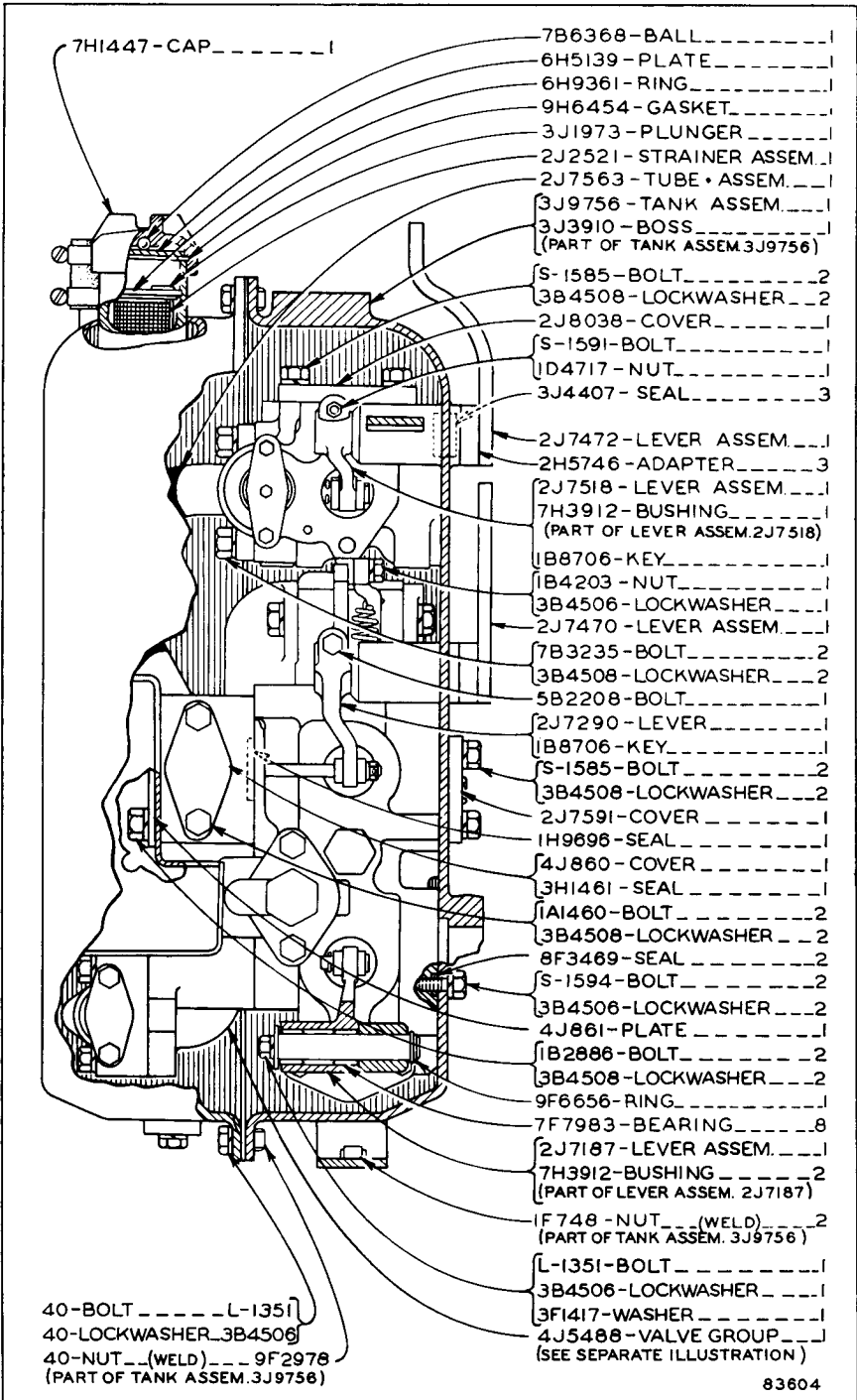
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

4J2149 TANK AND VALVE GROUP-4 Valve—Front View—Second Type
 Part of 4K4068 Hydraulic Arrangement listed on Page 178
 2J8322 and 4J2993 Valve Group parts are shown on Pages 192 and 193

72262

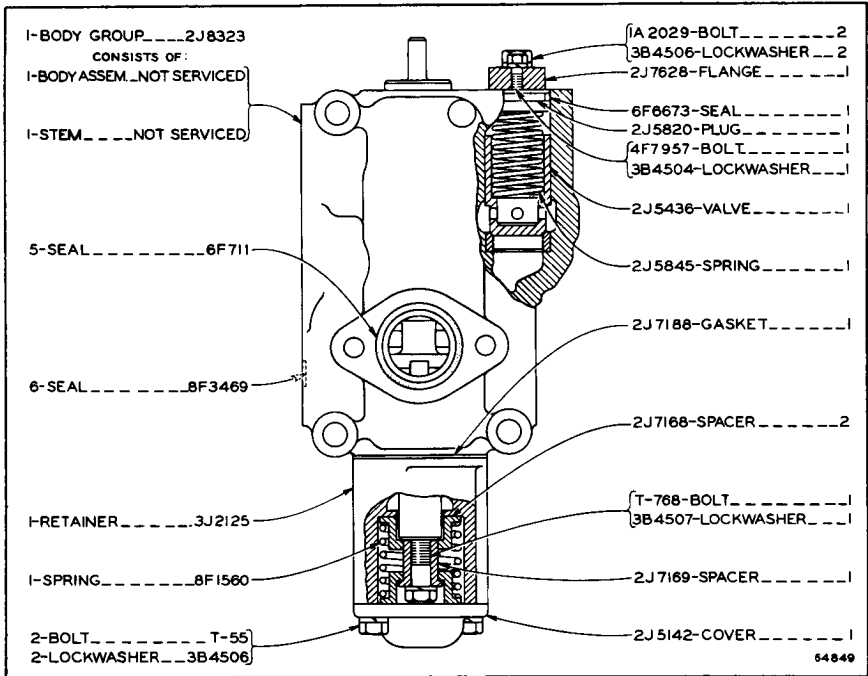


4J2149 TANK AND VALVE GROUP—4 Valve—Side View—Second Type

Part of 4K4068 Hydraulic Arrangement listed on Page 178

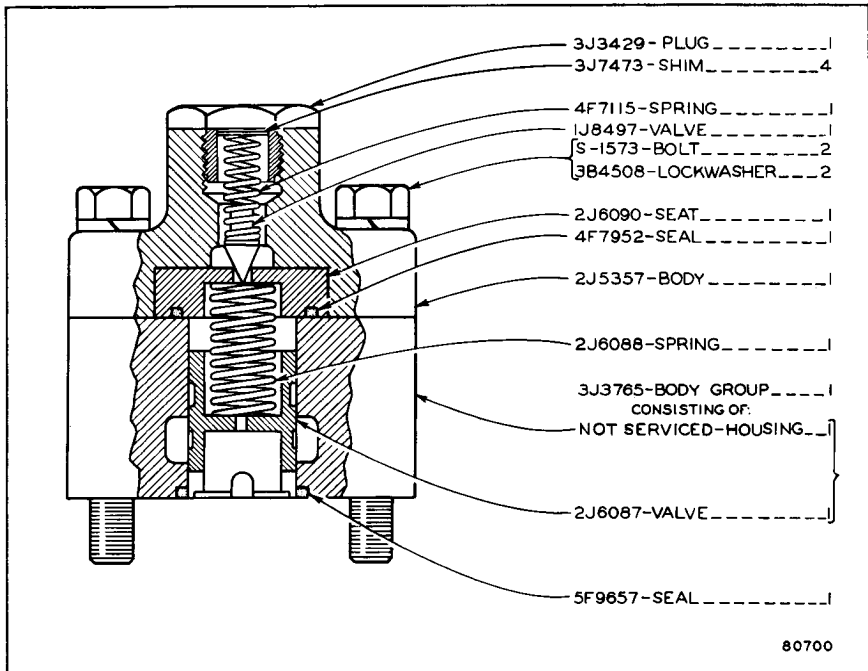
4J5488 Control Valve Group parts are shown on Page 194

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2J8322 AUXILIARY INTERNAL VALVE GROUP

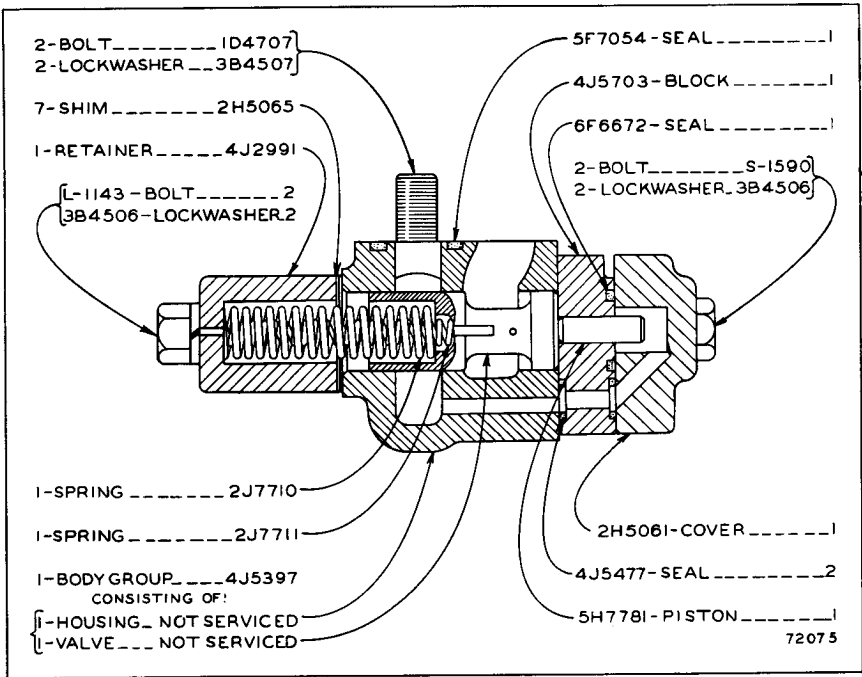
Part of 2J8321, 4J2147, 2J8329, 4J2149 Tank and Valve Groups and 4J3213 Conversion Group shown on Pages 180, 182, 184, 186, 188, 190 and 202



2J9815 RELIEF VALVE GROUP

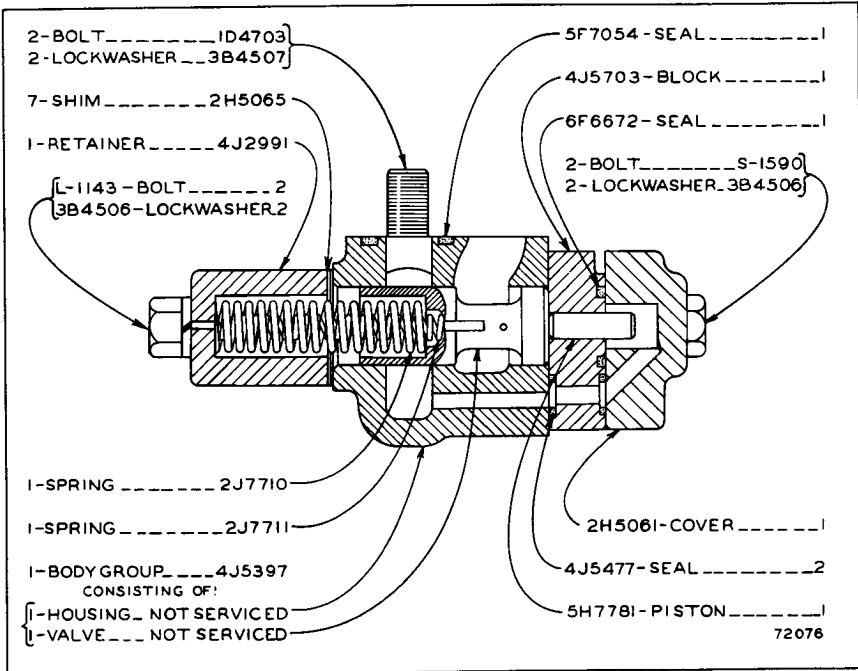
Part of 2J8321, 2J8329 Tank and Valve Groups and 4J3213 Conversion Group shown on Pages 181, 187 and 202

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4J2993 RELIEF VALVE GROUP—First Type

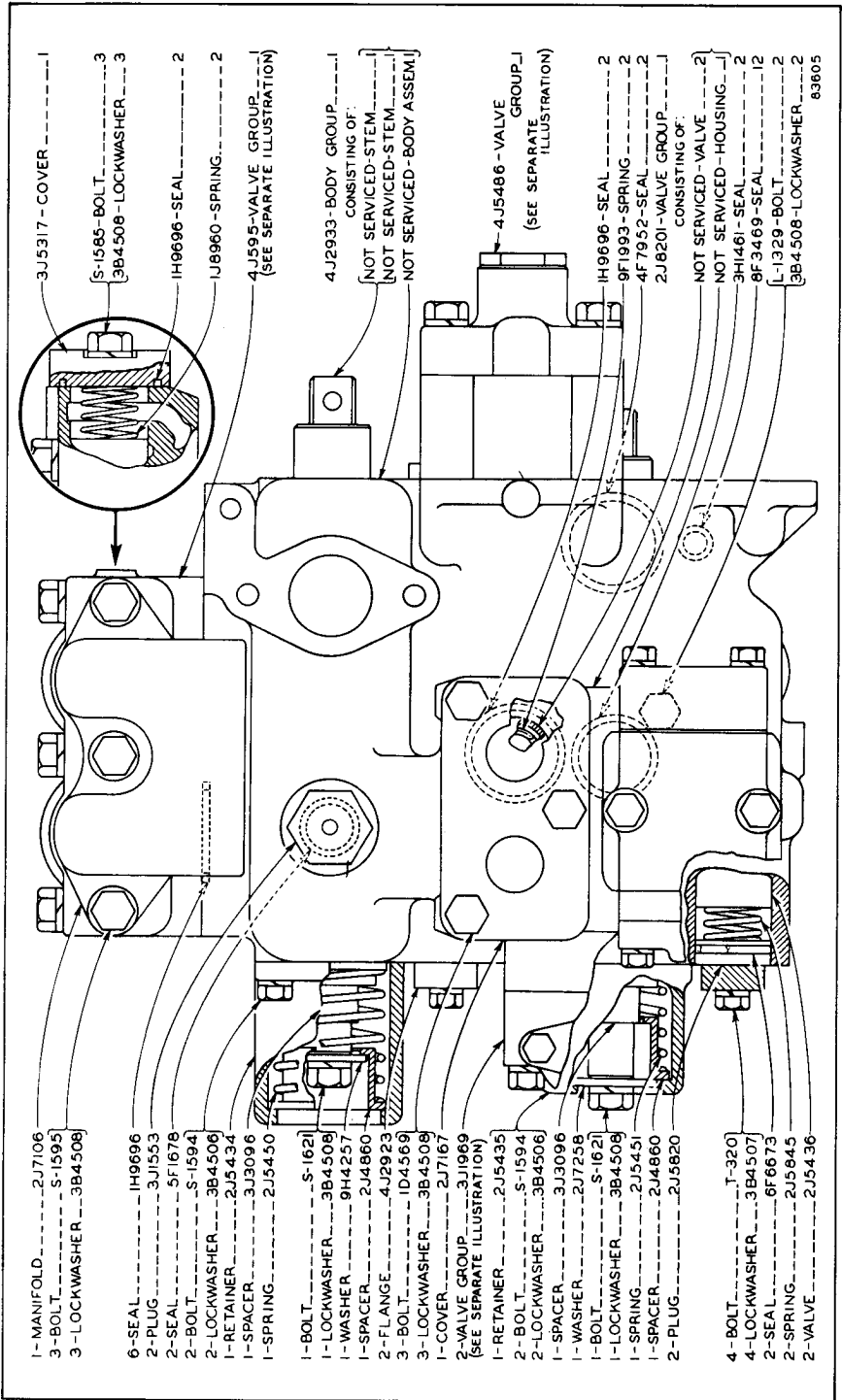
Part of 4J2147, 4J2149 Tank and Valve Groups and 3K7599 Conversion Group shown on Pages 182, 184, 188, 190, 203 and 204



4J2993 RELIEF VALVE GROUP—Second Type

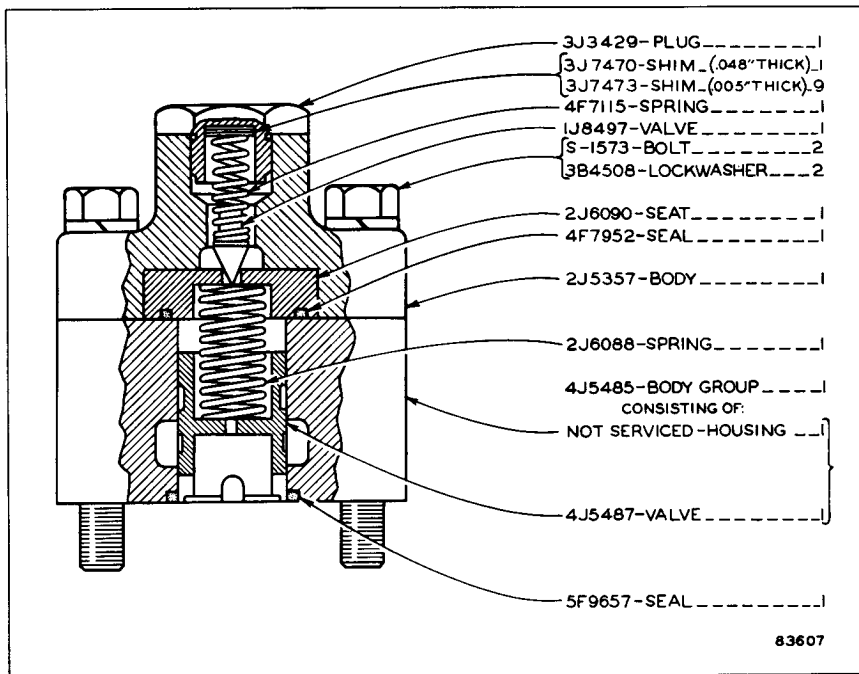
Part of 4J2147, 4J2149 Tank and Valve Groups and 3K7599 Conversion Group shown on Pages 182, 184, 188, 190, 203 and 204

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

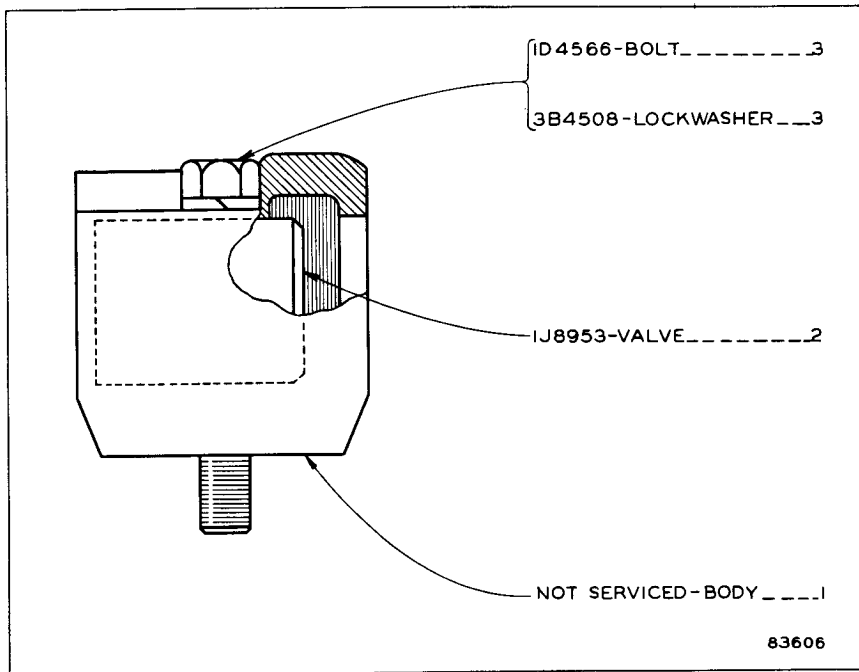


4J5488 CONTROL VALVE GROUP

Part of 4J2147 and 4J2149 Tank and Valve Groups shown on Pages 183, 185, 189, and 191
3J1969 Relief Valve Group parts are shown on Page 119

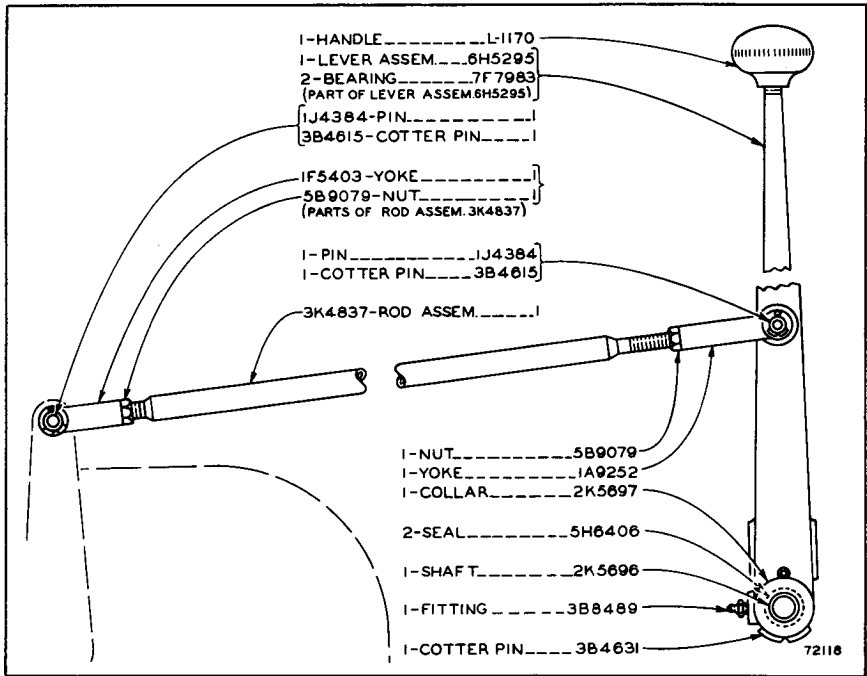


4J5486 RELIEF VALVE GROUP
 Part of 4J5488 Control Valve Group



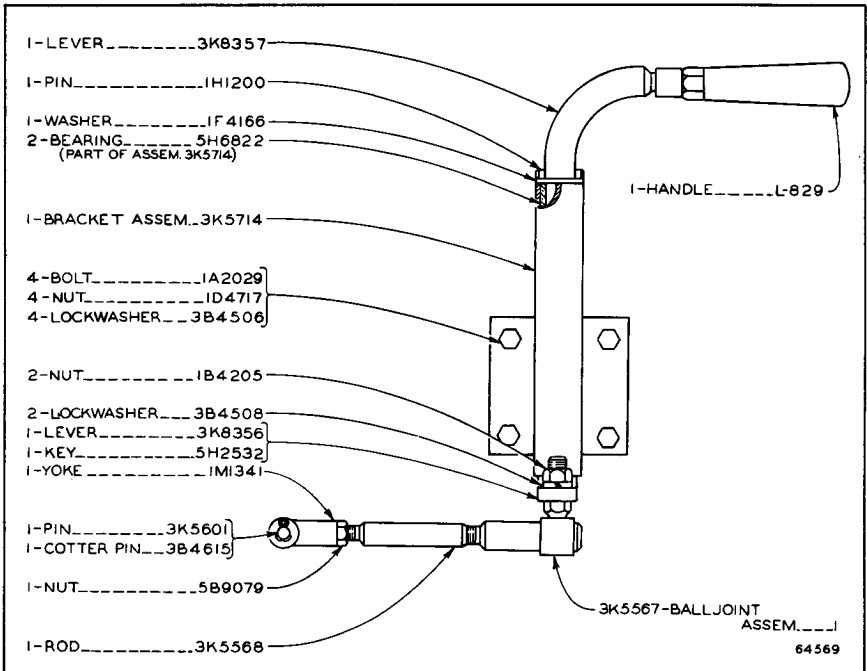
4J595 MAKE-UP VALVE GROUP
 Part of 4J5488 Control Valve Group

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



3K5760 HYDRAULIC VALVE CONTROL GROUP—Front

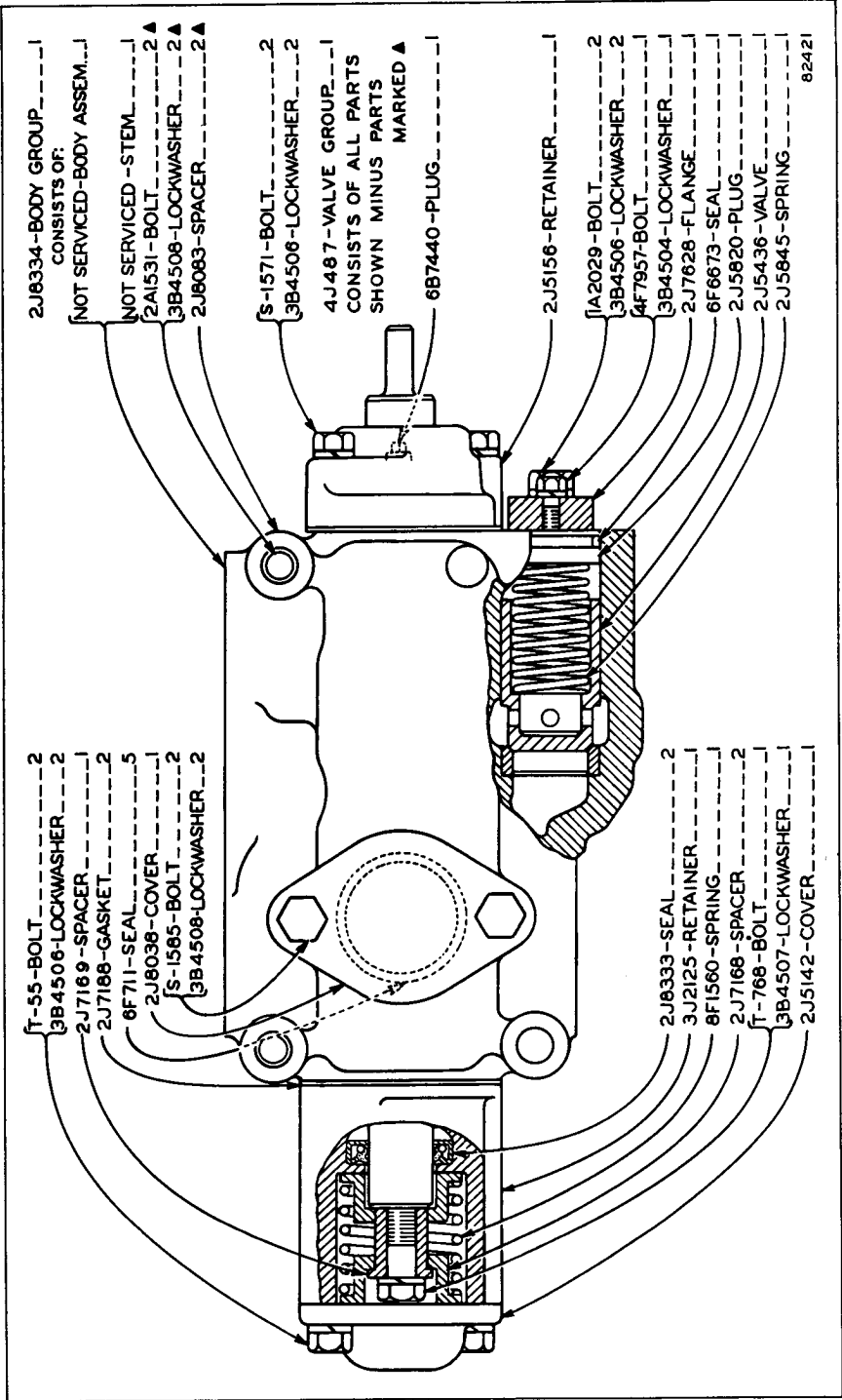
Part of 3K4065, 4K4067, 3K4097, 4K4068, 3K5235, 3K5237 and 3K5239 Arrangements listed on Pages 178 and 179



3K5764 HYDRAULIC VALVE CONTROL GROUP—Rear

Part of 3K4066 and 3K5236 Arrangements listed on Pages 178 and 179

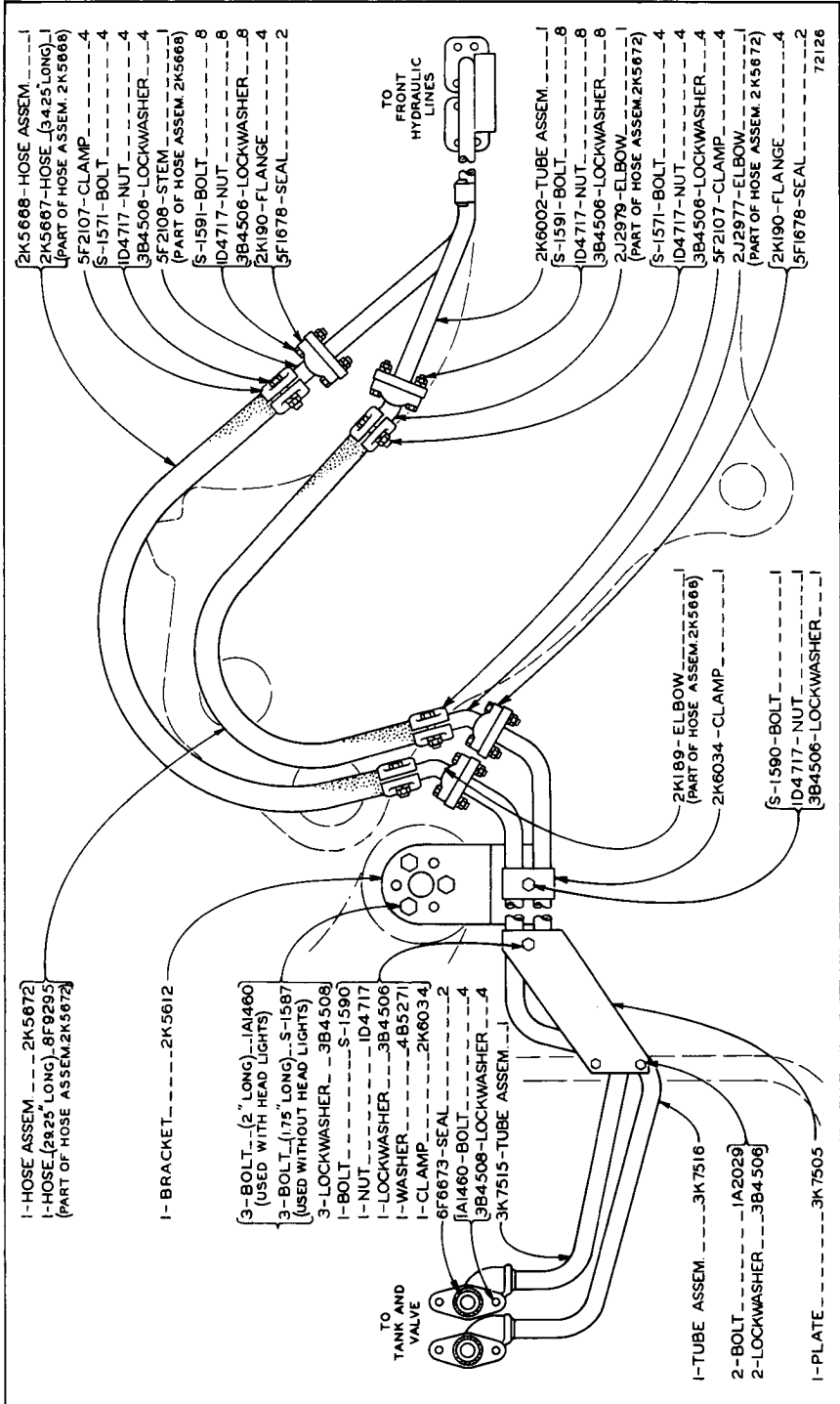
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2J8330 AUXILIARY EXTERNAL VALVE GROUP

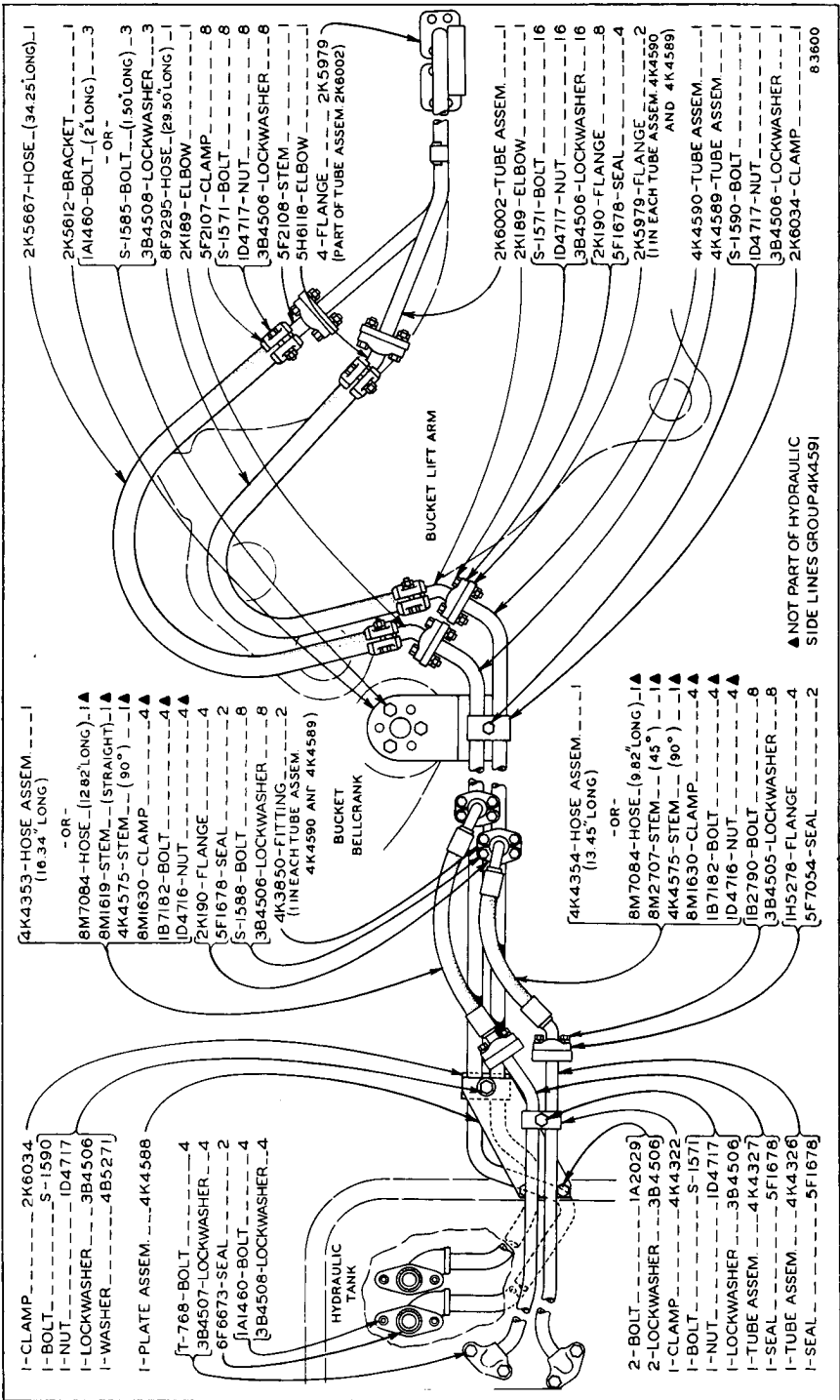
Part of 3K4097, 4K4068 Hydraulic Arrangements and 4J3214 Conversion Groups shown on Pages 178 and 202

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

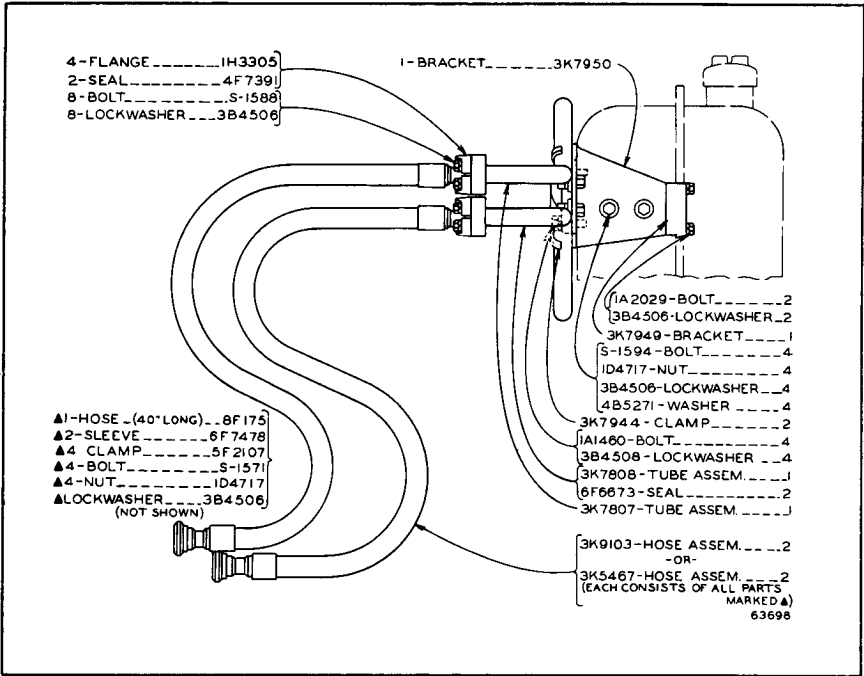


3K5505 HYDRAULIC LINES GROUP—Side

Part of 3K4065, 3K4097, 3K5235, 3K5237 and 3K5239 Arrangements listed on Pages 178 and 179

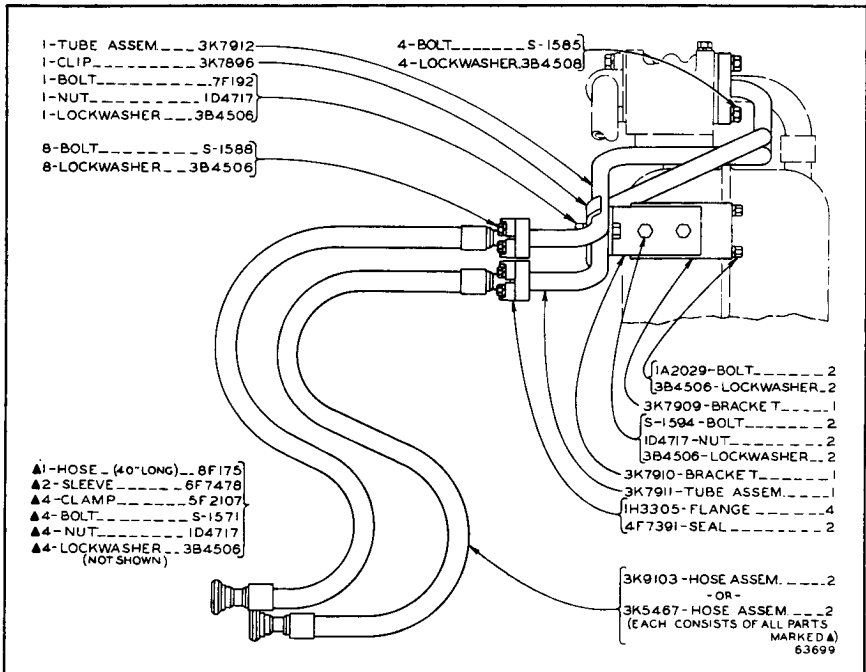


ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



3K5503 HYDRAULIC LINES GROUP—Rear

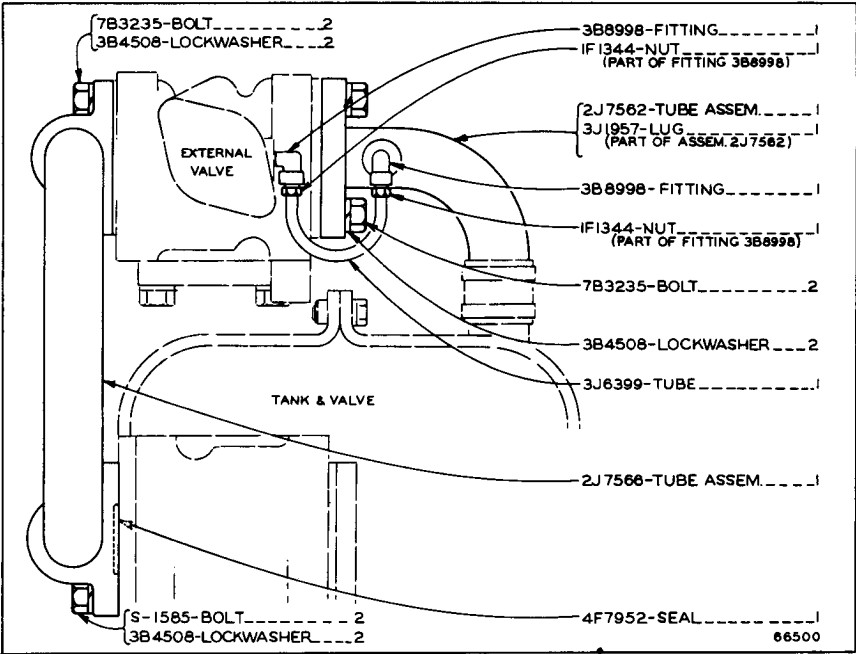
Part of 3K4066 and 3K5236 Arrangements listed on Pages 178 and 179



3K6670 HYDRAULIC LINES GROUP—Rear—No. 4 Valve

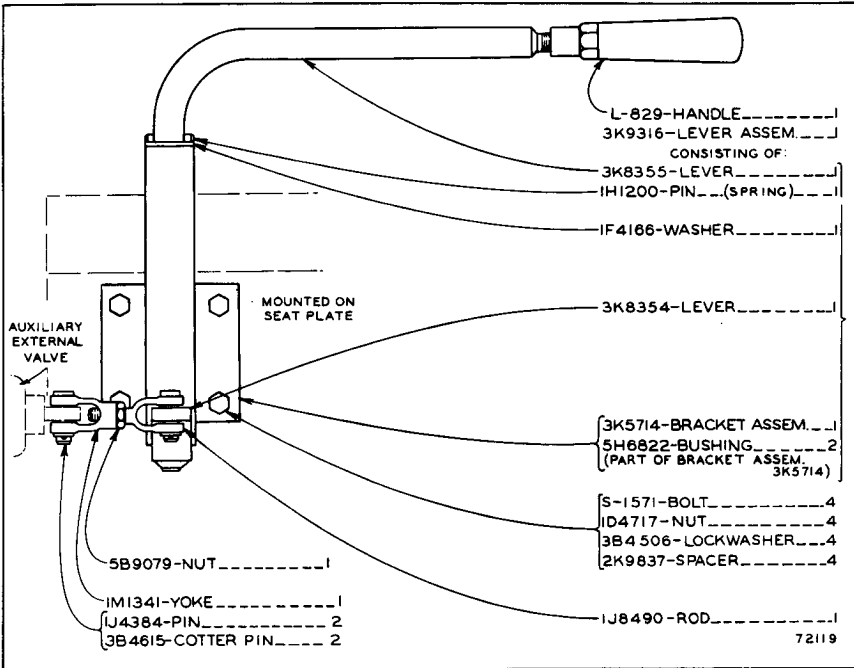
Part of 3K4097, 4K4068, 3K5237, 3K5238 and 3K5239 Arrangements listed on
 Pages 178 and 179

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3J112 HYDRAULIC LINES GROUP—No. 4 Valve

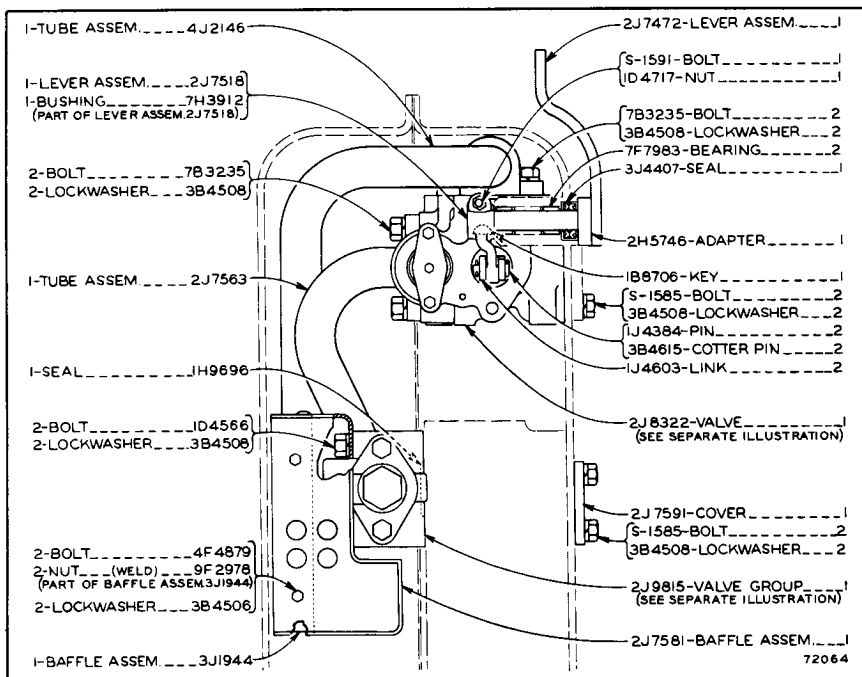
Part of 3K4097, 4K4068 Hydraulic Arrangements and 4J3214 Conversion Group shown on Pages 178 and 202
Only separate parts serviced



3K6671 HYDRAULIC CONTROL GROUP—Rear—No. 4 Valve

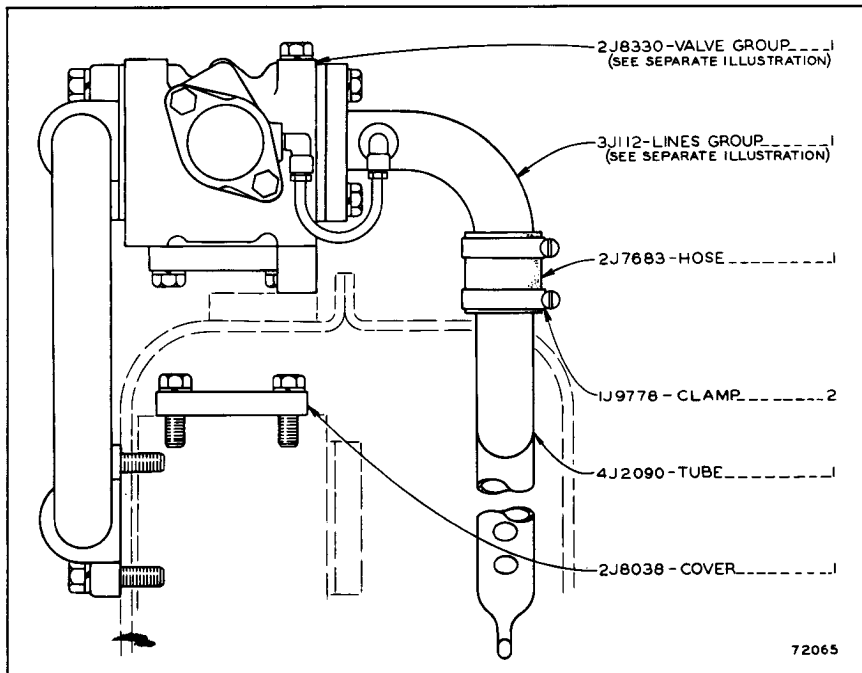
Part of 3K4097, 4K4068, 3K5237, 3K5238 and 3K5239 Arrangements listed on Pages 178 and 179

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4J3213 CONVERSION GROUP—2 Valve to 3 Valve

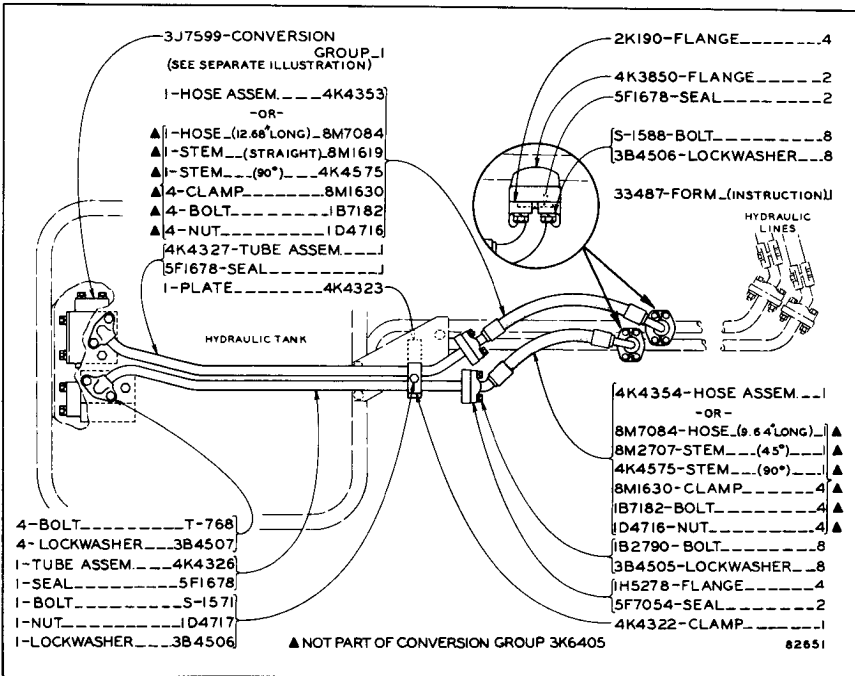
Part of 3K5235, 3K5236 Arrangements and 4J3215 Conversion Group listed on Page 179
2J8322 and 2J9815 Valve Group parts are shown on Page 192



4J3214 CONVERSION GROUP—3 Valve to 4 Valve

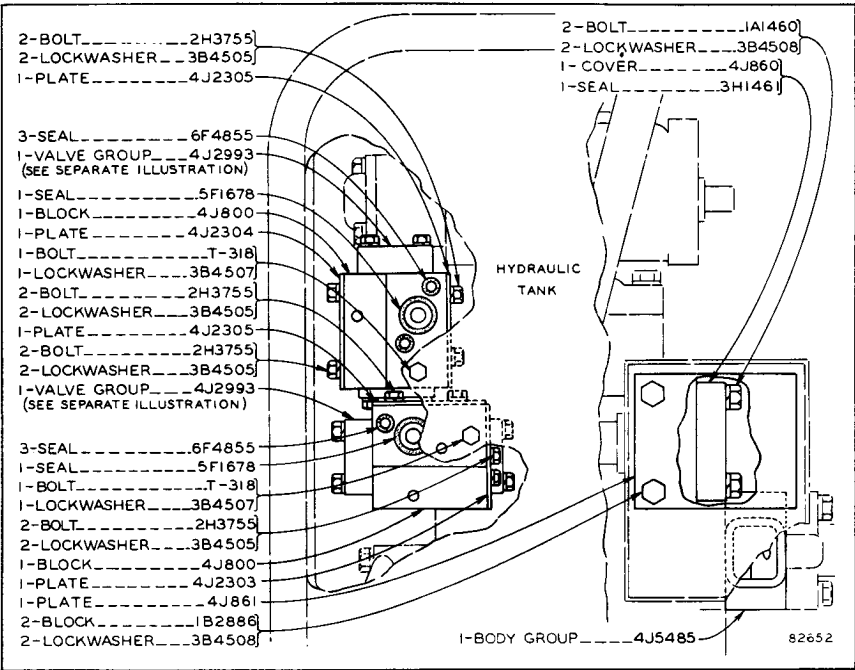
Part of 4J3215 Conversion Group, 3K5238 and 3K5239 Arrangements listed on Page 179
2J8330 Valve Group and 3J112 Lines Group parts are shown on Pages 197 and 201

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3K6405 FIELD CONVERSION GROUP—Side Lines Relief

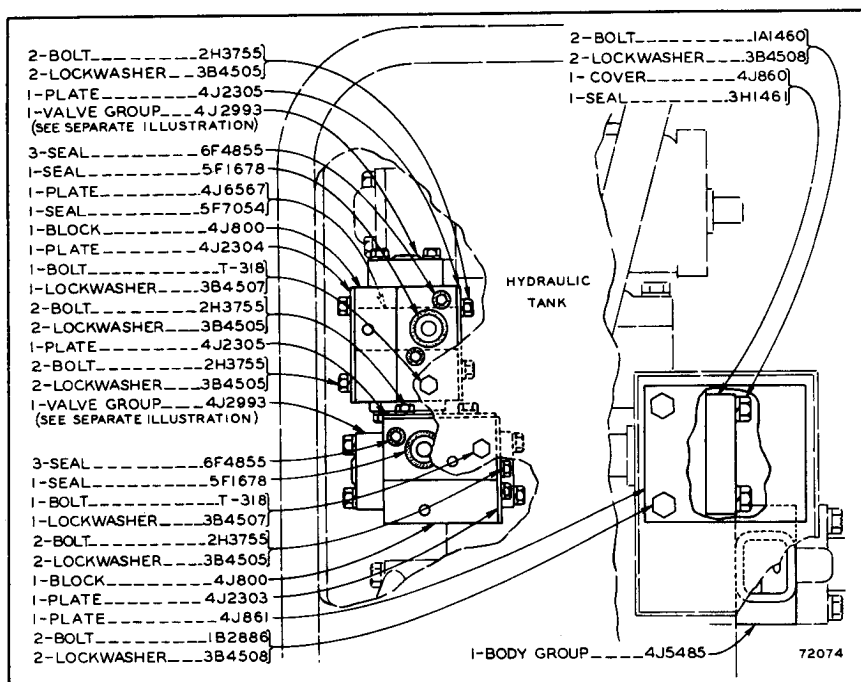
For use with 4K4625 Multi-Purpose Bucket Arrangement listed on Page 157



3J7599 CONVERSION GROUP—First Type

Part of 3K6405 Field Conversion Group
4J2993 Relief Valve Group parts are shown on Page 193

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

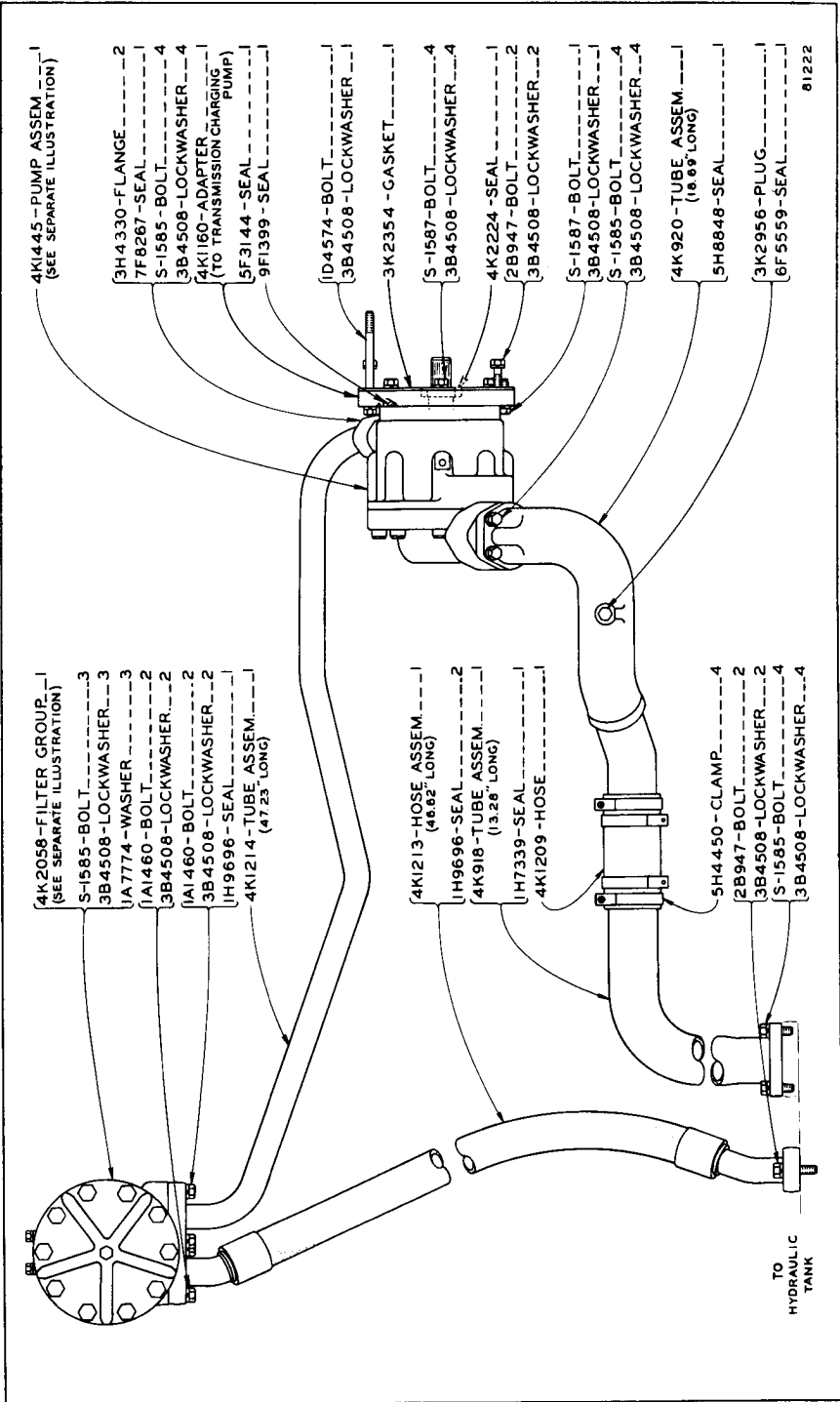
**3J7599 CONVERSION GROUP—Second Type**

Part of 3K6405 Field Conversion Group shown on Page 203
 4J2993 Relief Valve Group parts are shown on Page 193

Consists of:		Page
1	Pump and Lines	205
1	Warning and Wiring	207
1	IK7852 Tank and Valve Group	208
1	IK7846 Plate—Warning On L.H. side of lower dash	
1	IK7847 Plate—Warning On side of hydraulic tank, below filter spout	
1	4K2057 Plate—Lubrication Instruction On L.H. seat support plate assembly to rear of filter	
1	4K2236 Plate—Filter Instruction On hydraulic filter flange	
14	4B4158 Drive Screw	

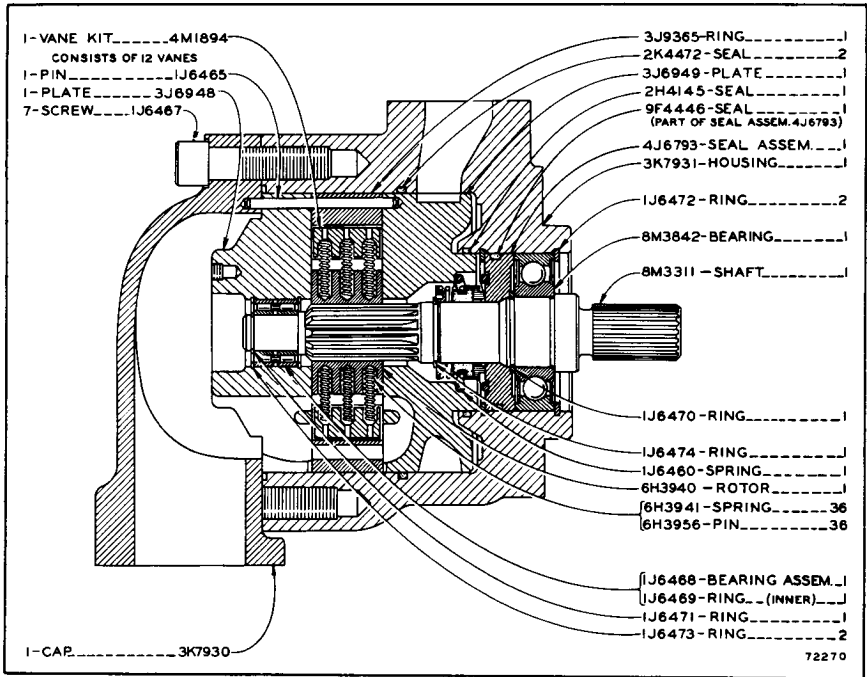
IK7844 FIRE RESISTANT FLUID HYDRAULIC ARRANGEMENT—Factory Installation
 For machines operating in areas where fires are a possibility

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

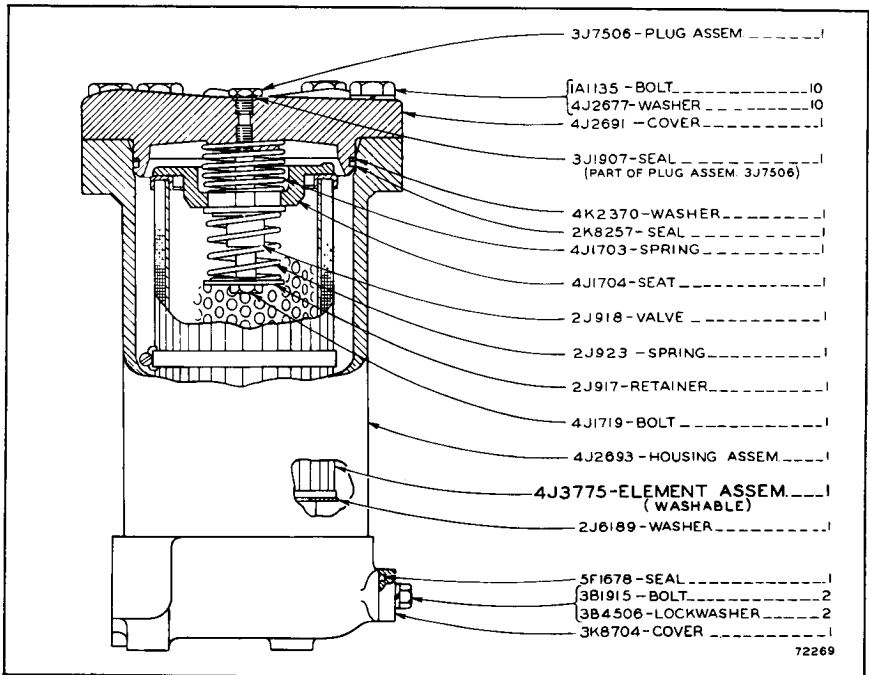


PUMP AND LINES—Fire Resistant Fluid

Part of 1K7844 Fire Resistant Fluid Hydraulic Arrangement
4K1445 Pump Assembly and 4K2058 Filter Group parts are shown on Page 206

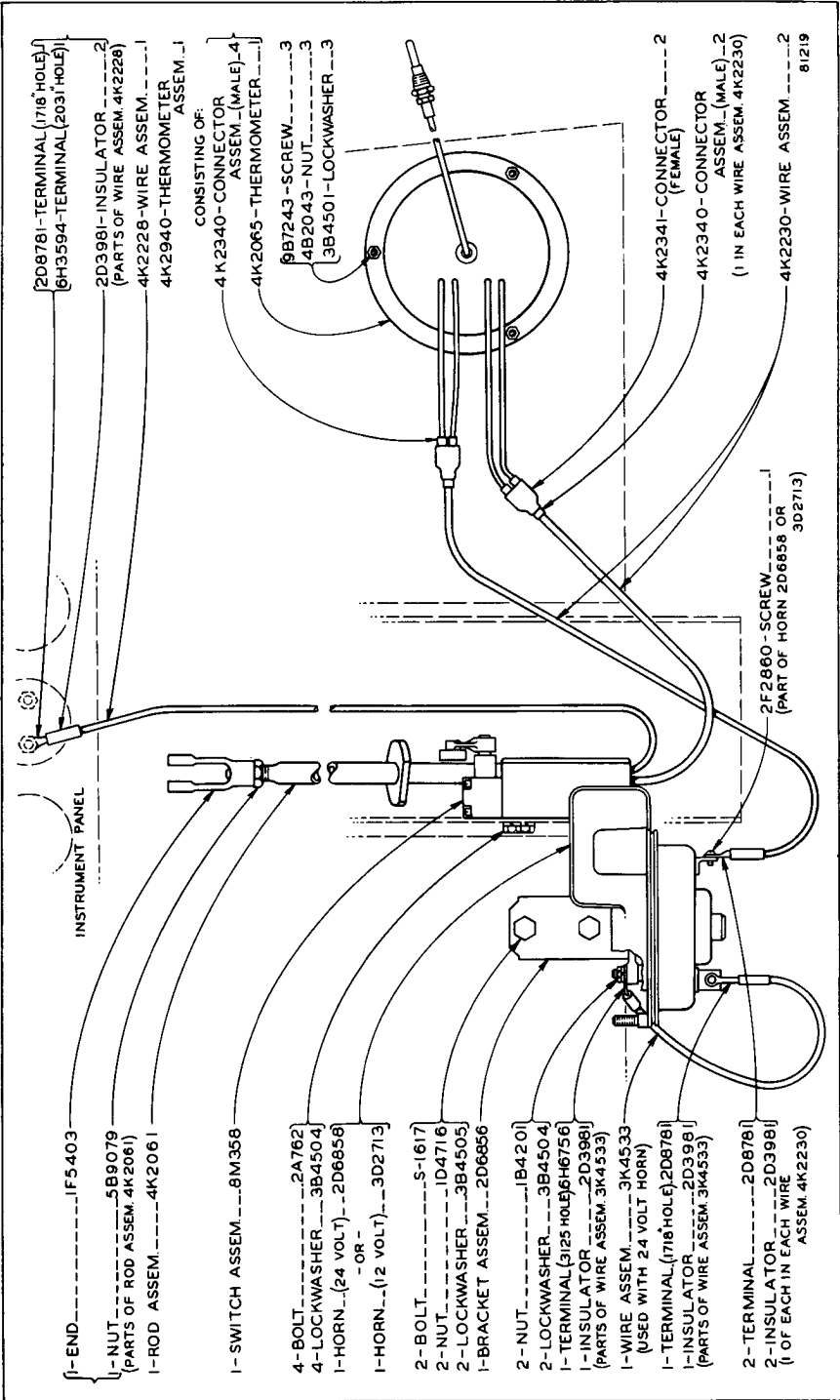


4K1445 PUMP ASSEMBLY—Water Glycol
 Part of Pump and Lines shown on Page 205



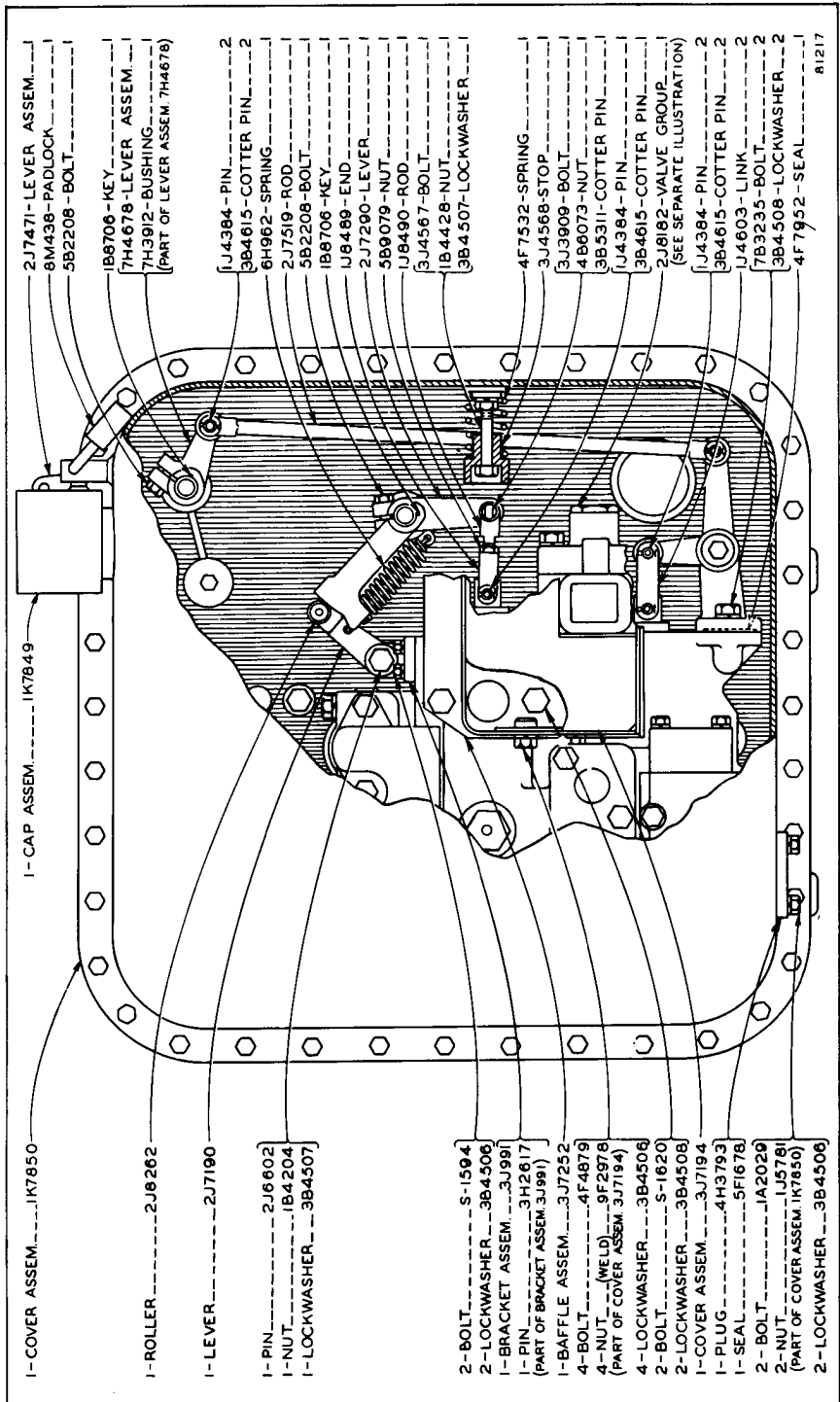
4K2058 FILTER GROUP
 Part of Pump and Lines shown on Page 205

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



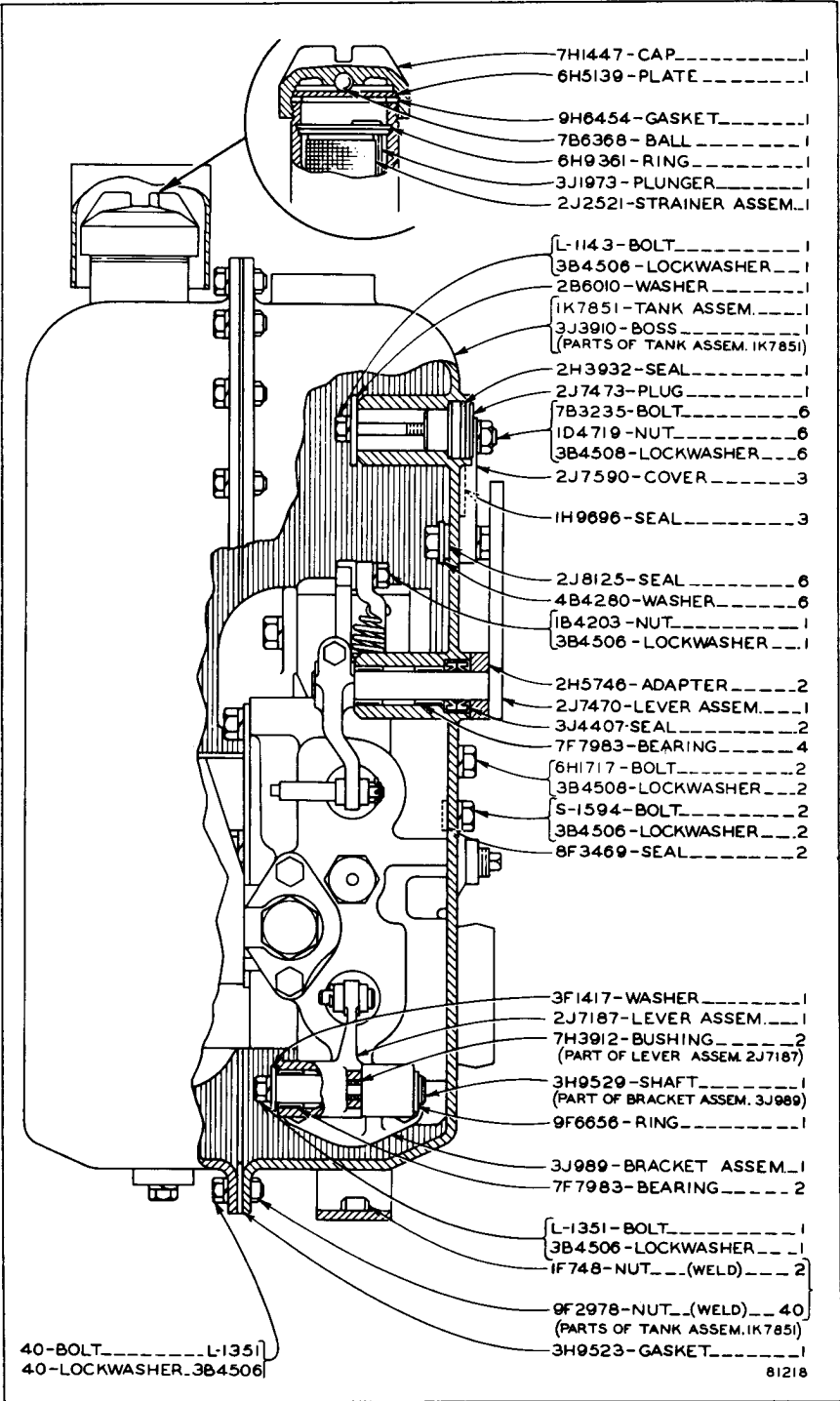
WARNING AND WIRING

Part of 1K7844 Fire Resistant Fluid Hydraulic Arrangement listed on Page 204
Provides warning when hydraulic fluid temperature is below 10° or above 90° Fahrenheit



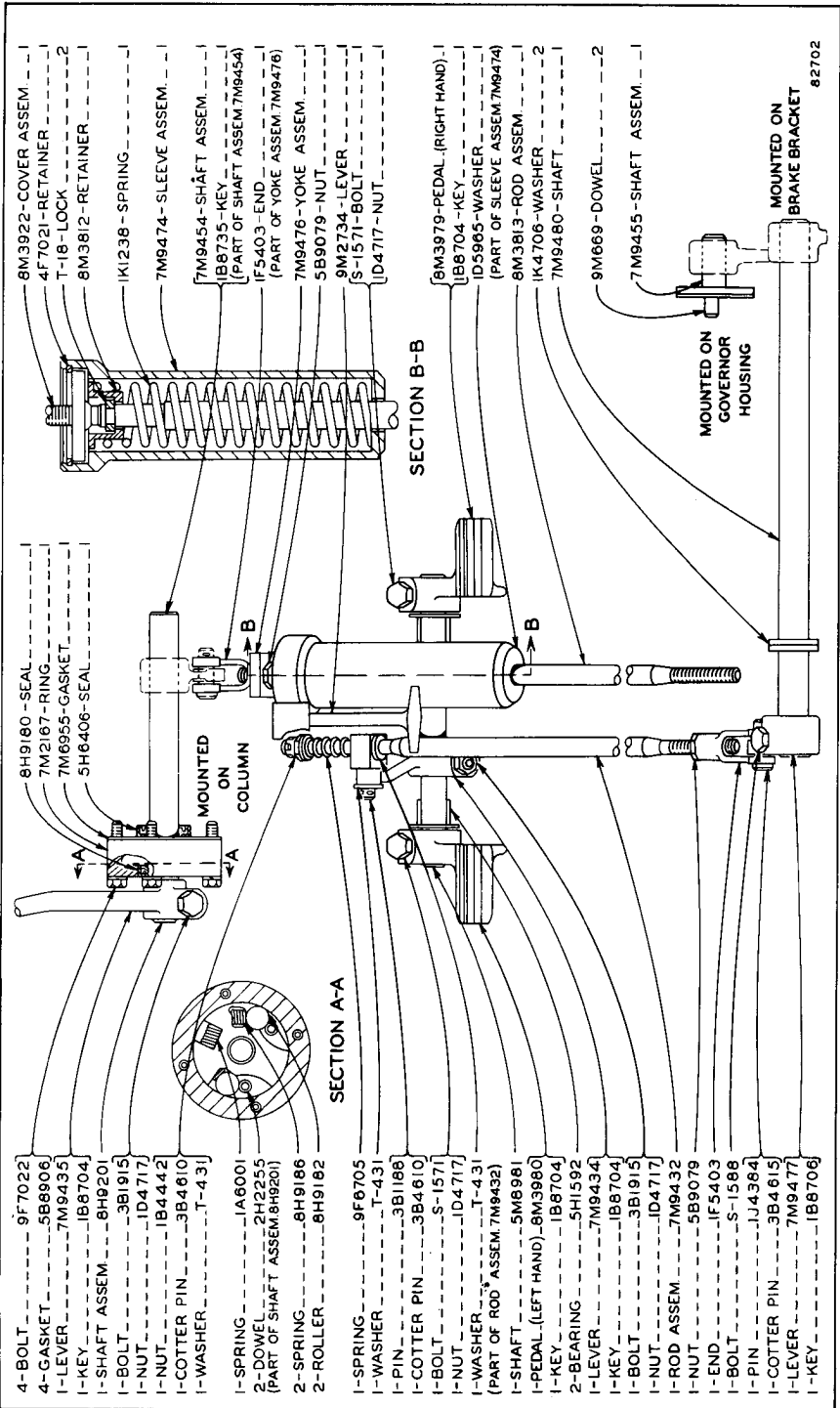
1K7852 TANK AND VALVE GROUP-2 Valve-Front View
 Part of 1K7844 Fire Resistant Fluid Hydraulic Arrangement listed on Page 204
 2J8182 Control Valve Group parts are shown on Page 118

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

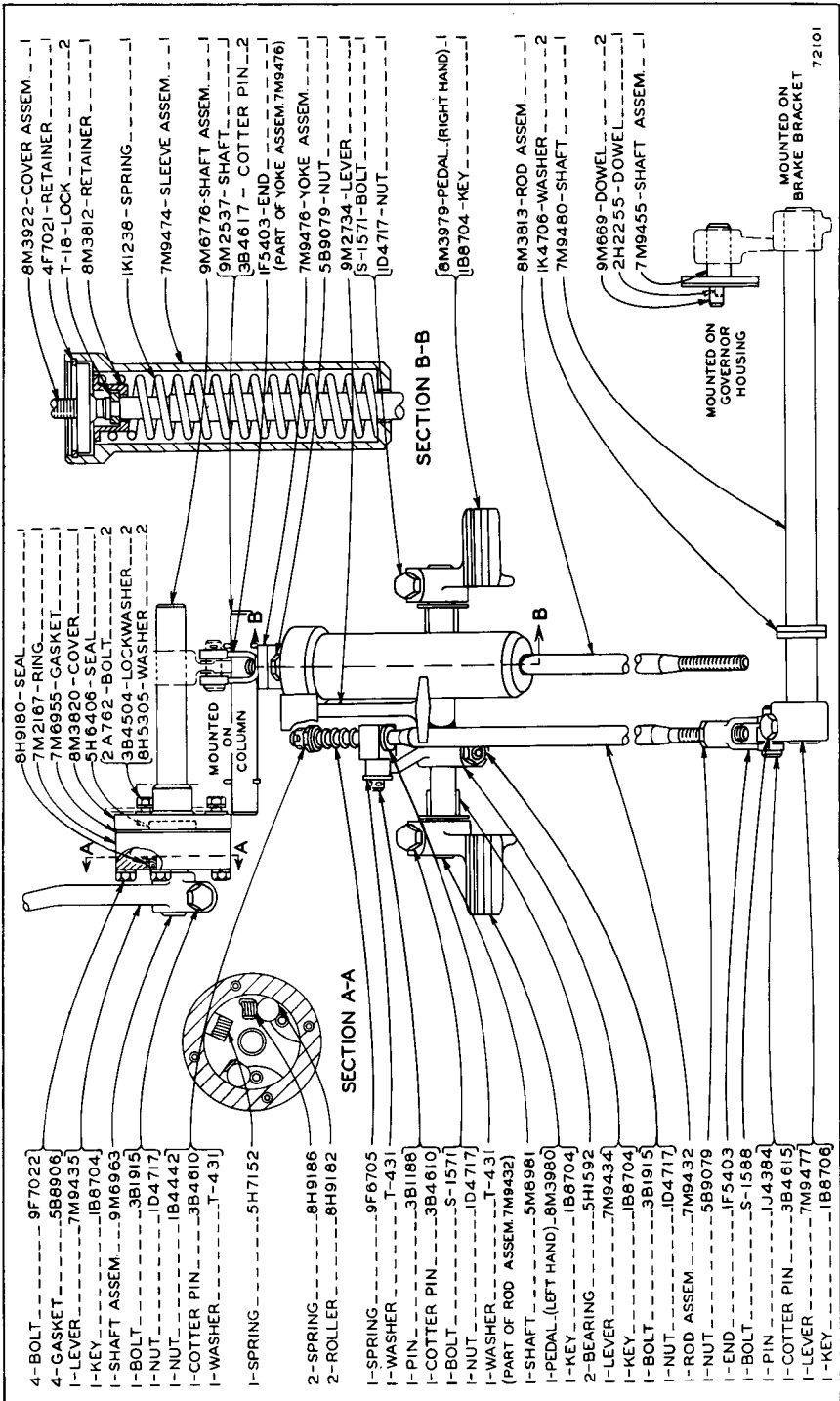


IK7852 TANK AND VALVE GROUP—2 Valve—End View
 Part of 1K7844 Fire Resistant Fluid Hydraulic Arrangement listed on Page 204

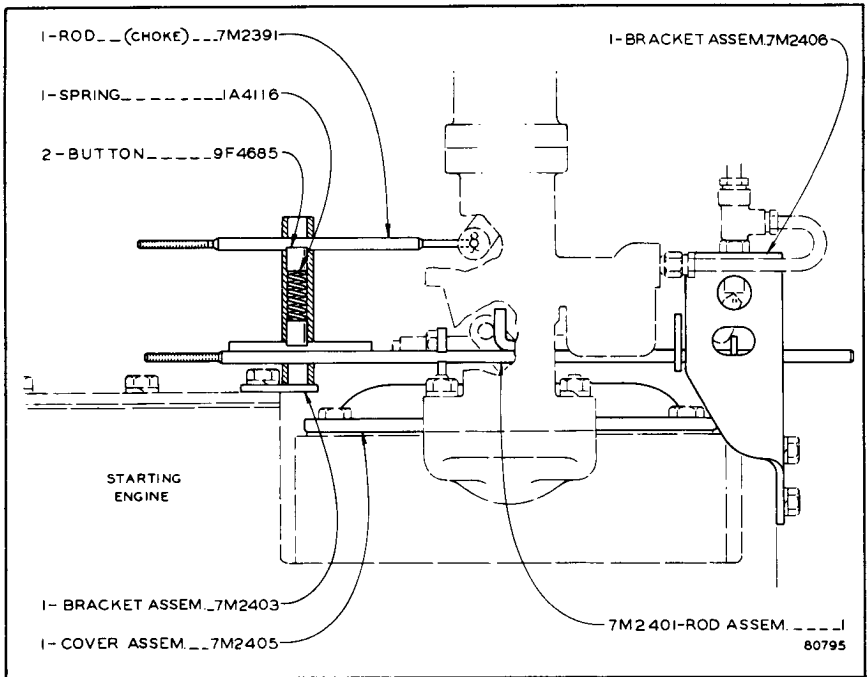
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



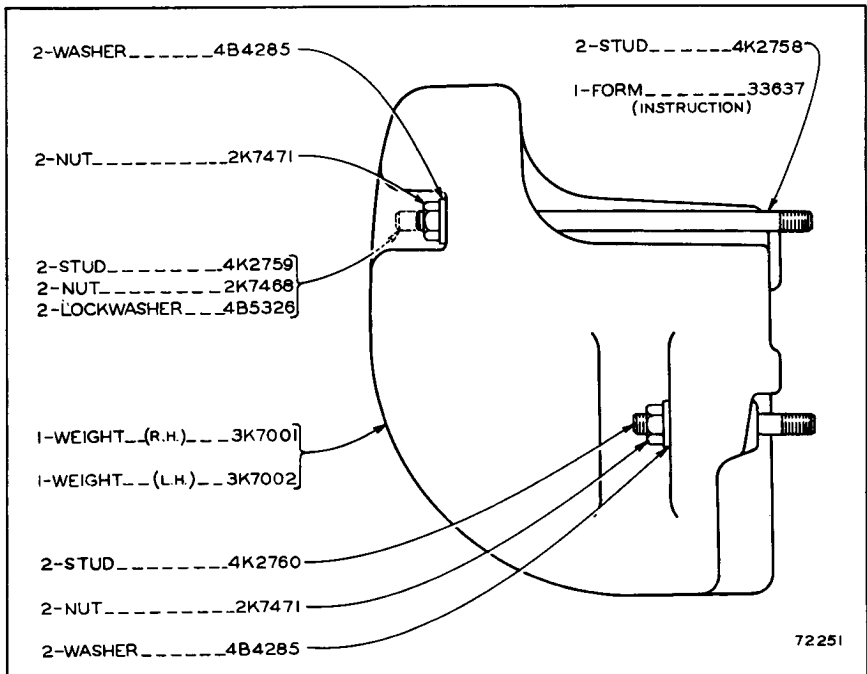
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

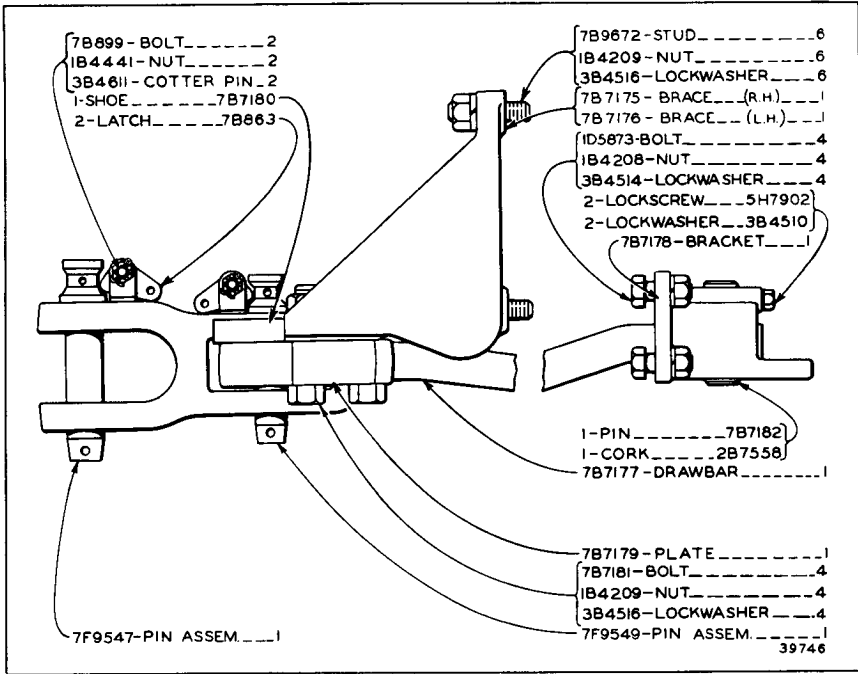


7M2739 CHOKE AND THROTTLE CONTROL SERVICE GROUP

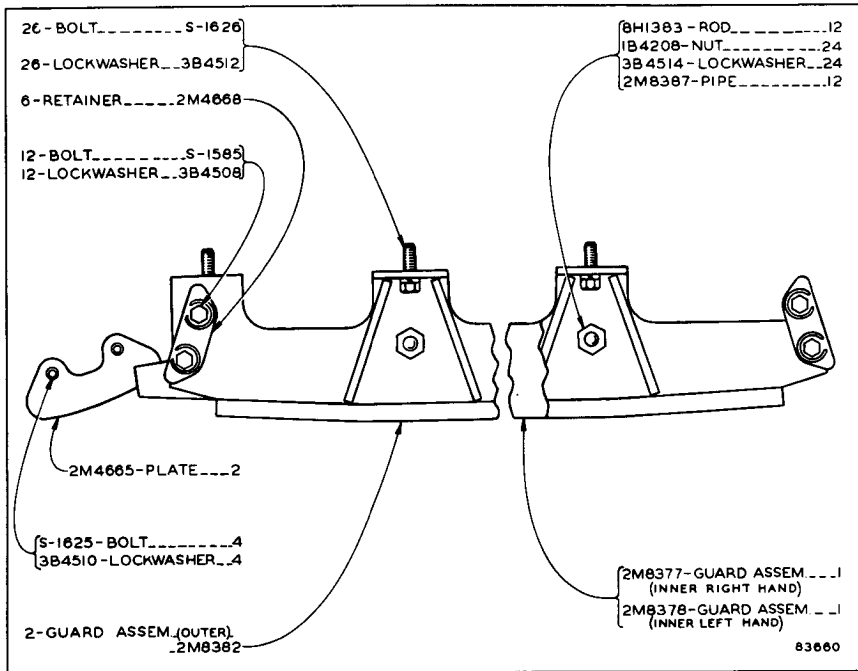


3K6940 COUNTERWEIGHT GROUP—Rear Mounted—2400 Pounds
For use with front mounted equipment

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

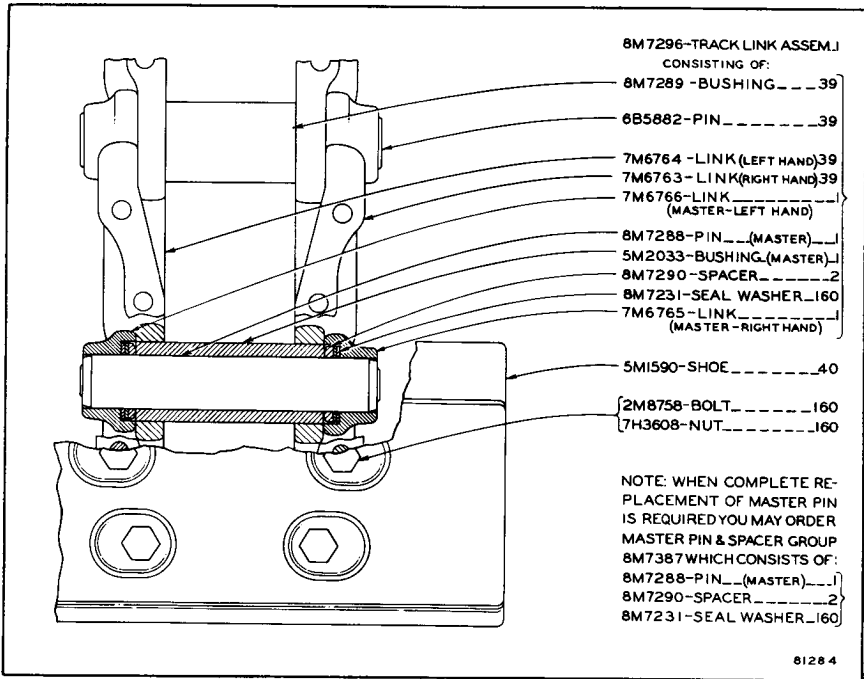


4H9108 DRAWBAR GROUP—Swinging Type

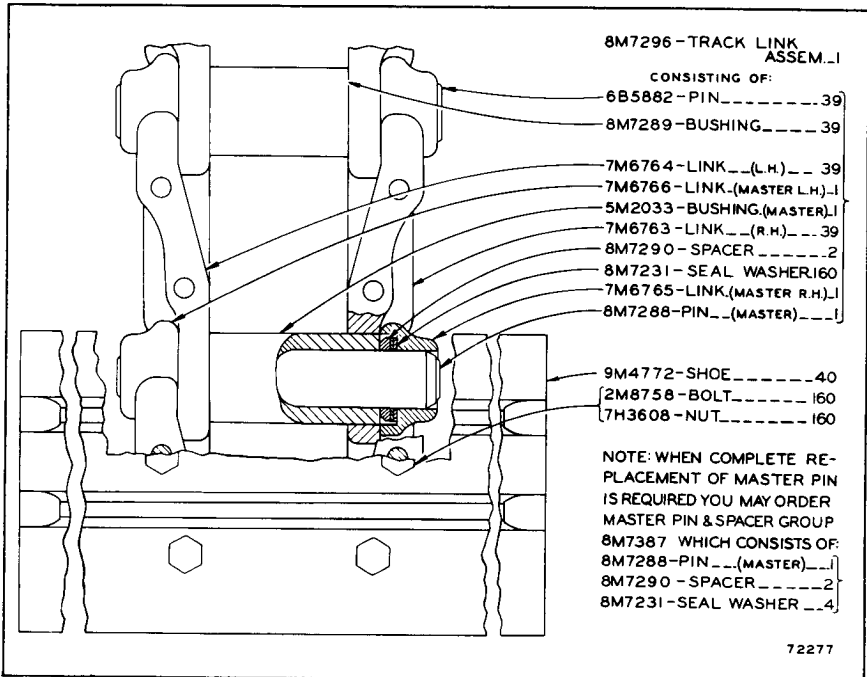


8M5668 TRACK ROLLER GUARD GROUP

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

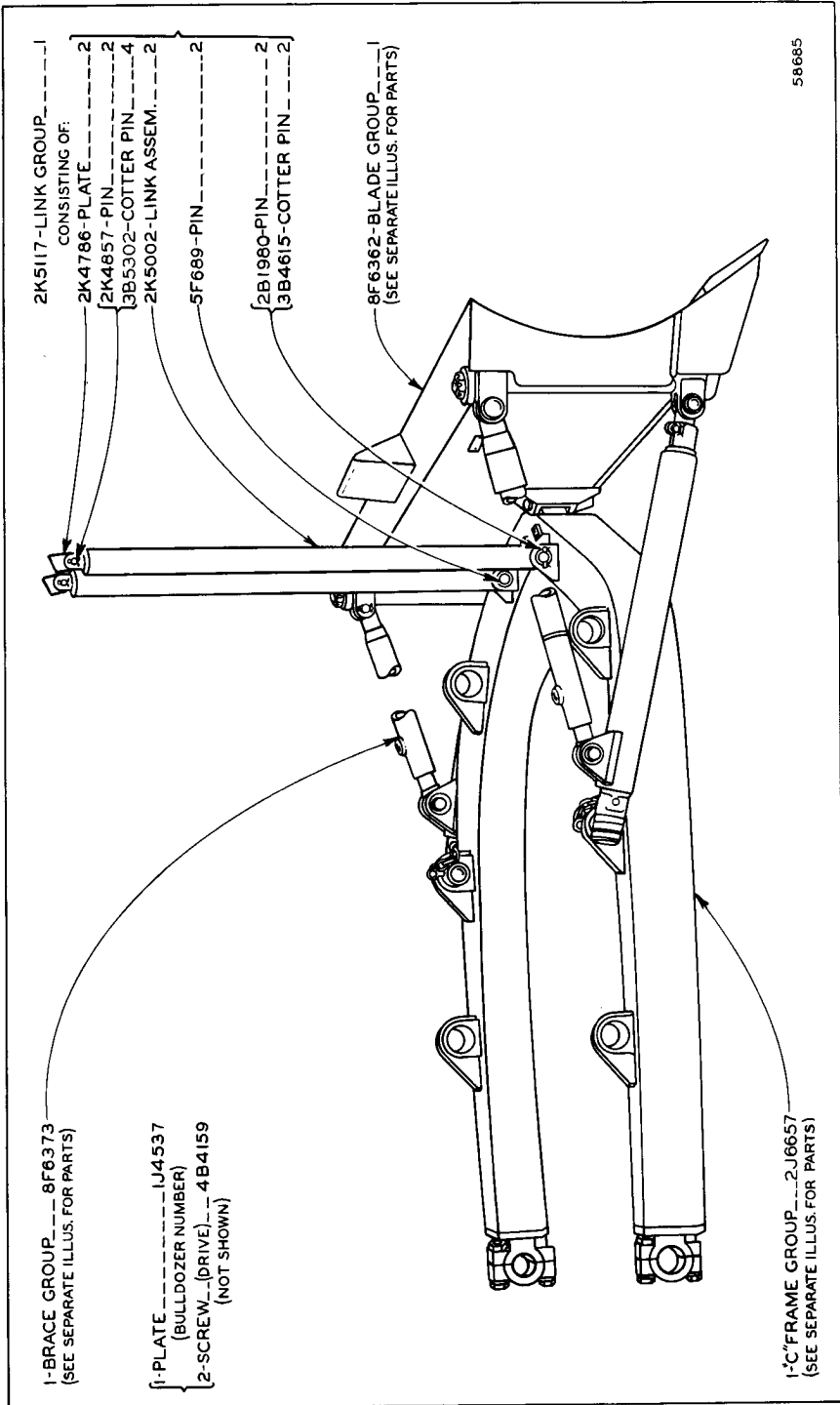


8M7376 TRACK GROUP—18" Flat Shoe—2 Groups Required
For use with heavy duty undercarriage



9M4773 TRACK GROUP—16" Double Grouser Shoe—2 Groups Required

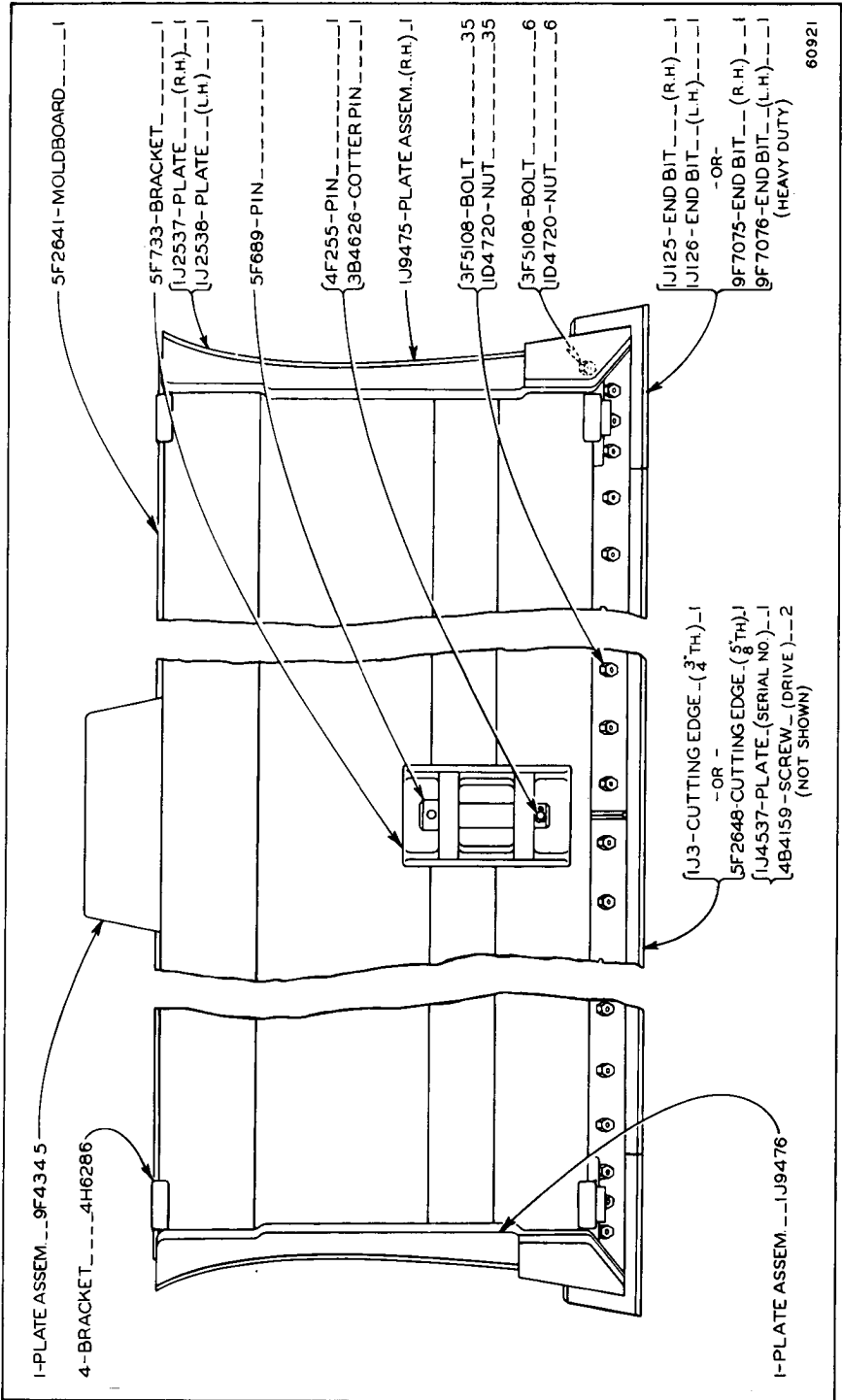
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2J6684 BULLDOZER ARRANGEMENT—Angling Blade

Effective with Bulldozer Serial No. 43D231

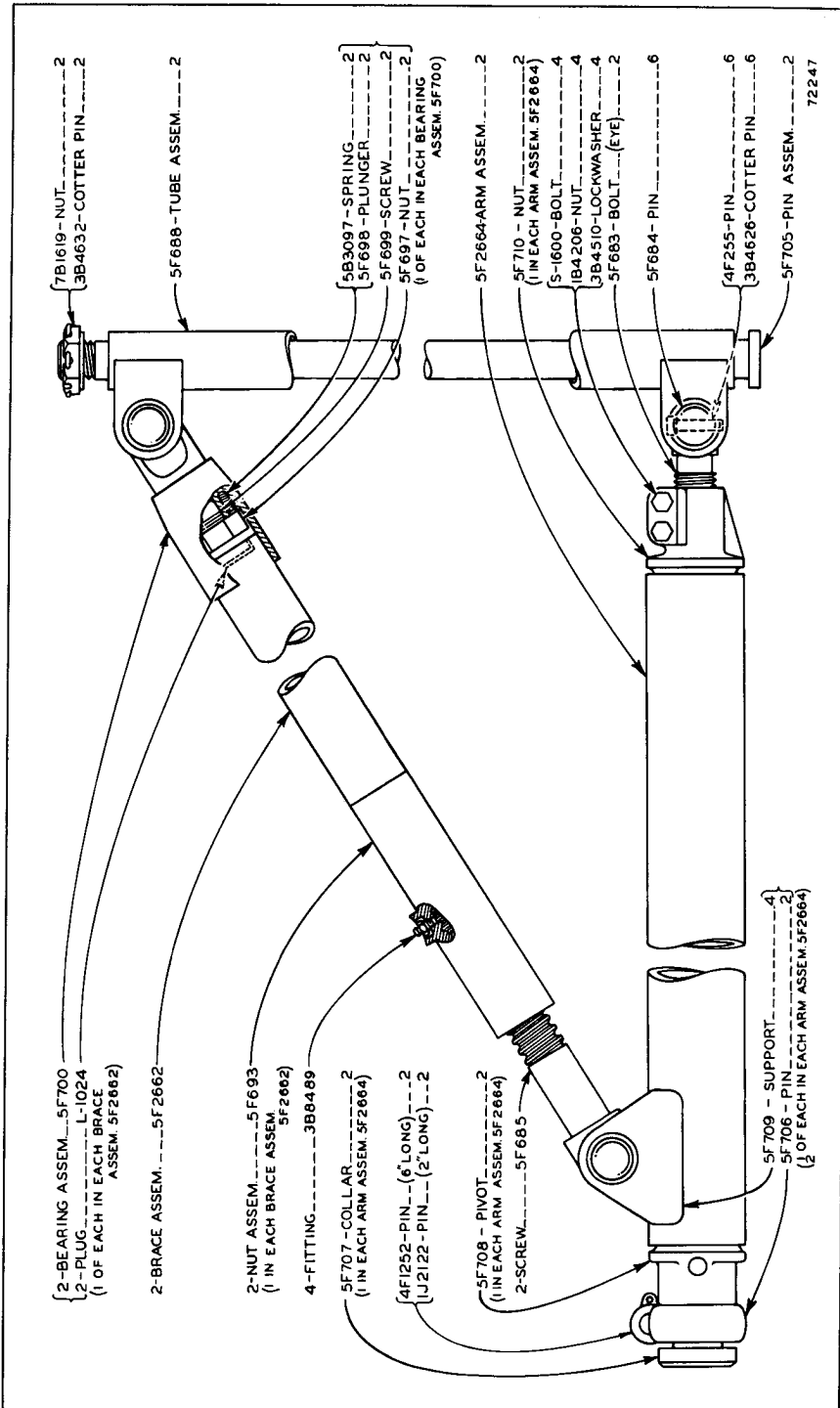
8F6362 Blade Group, 8F6373 Brace Group and 2J6657 C-Frame Group parts are shown on Pages 216 through 219



8F6362 BLADE GROUP

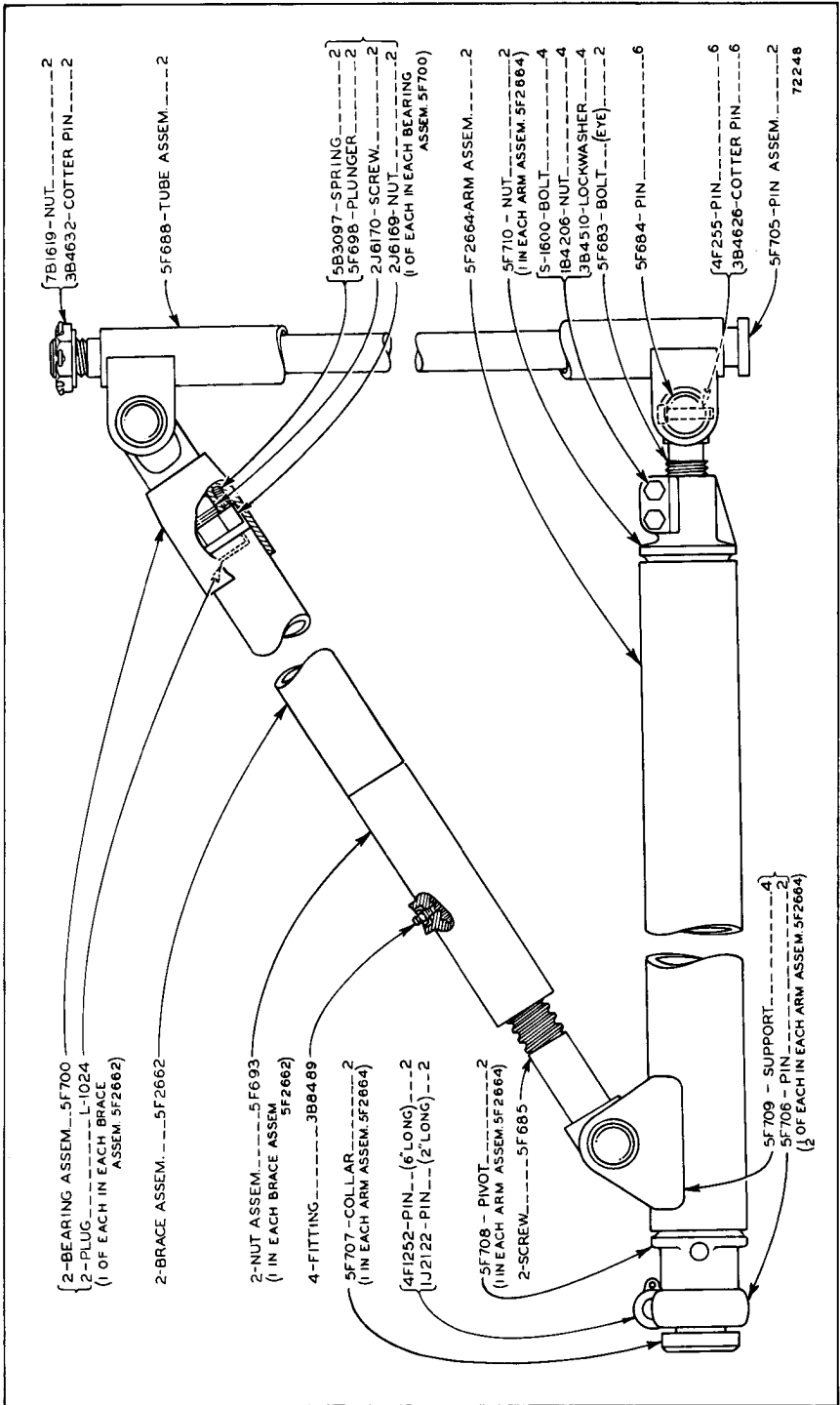
Part of 2J6684 Bulldozer Arrangement shown on Page 215

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



8F6373 BRACE GROUP

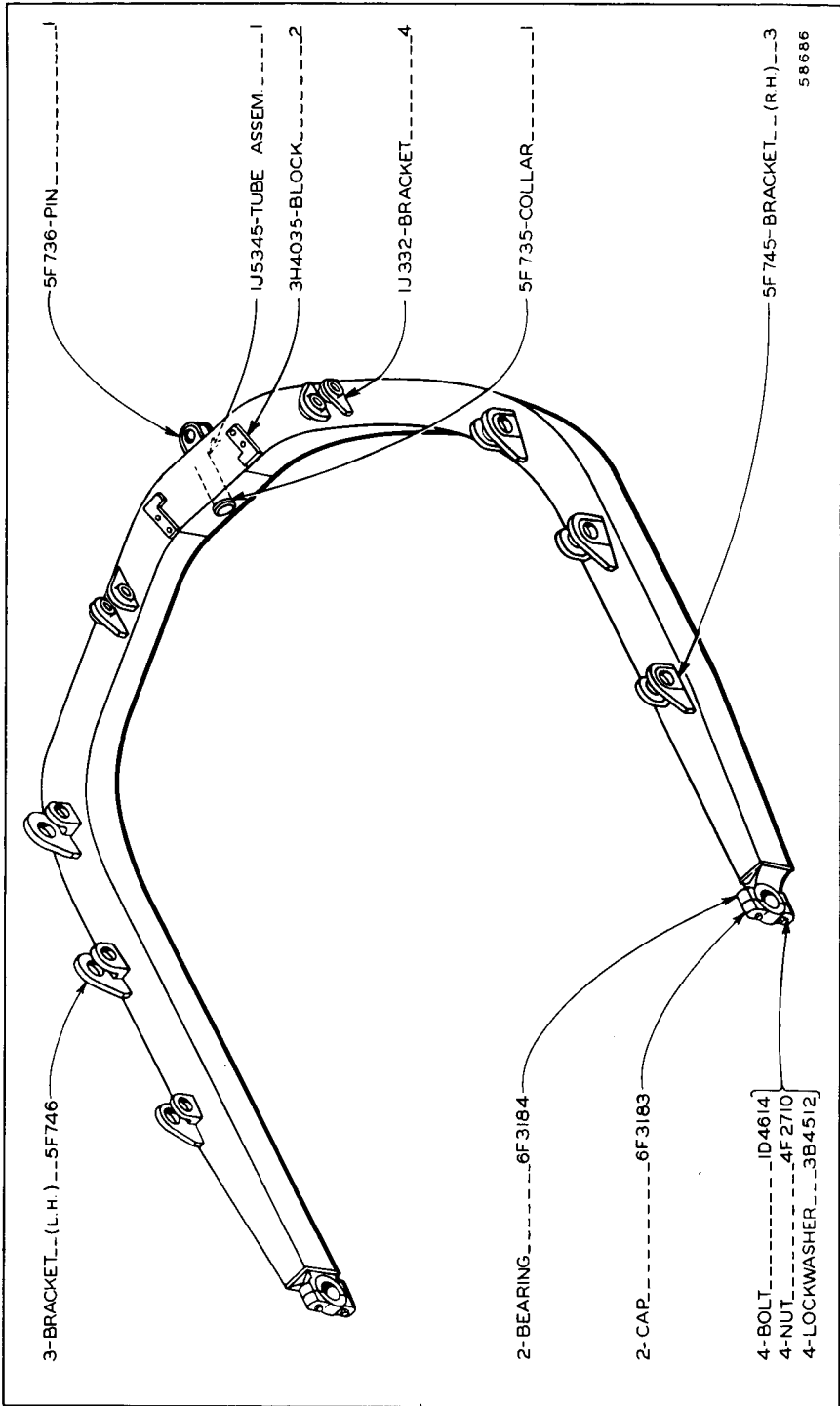
Bulldozer Serial No. 43D231 to 43D241 inclusive
 Part of 2J6684 Bulldozer Arrangement shown on Page 215



8F6373 BRACE GROUP

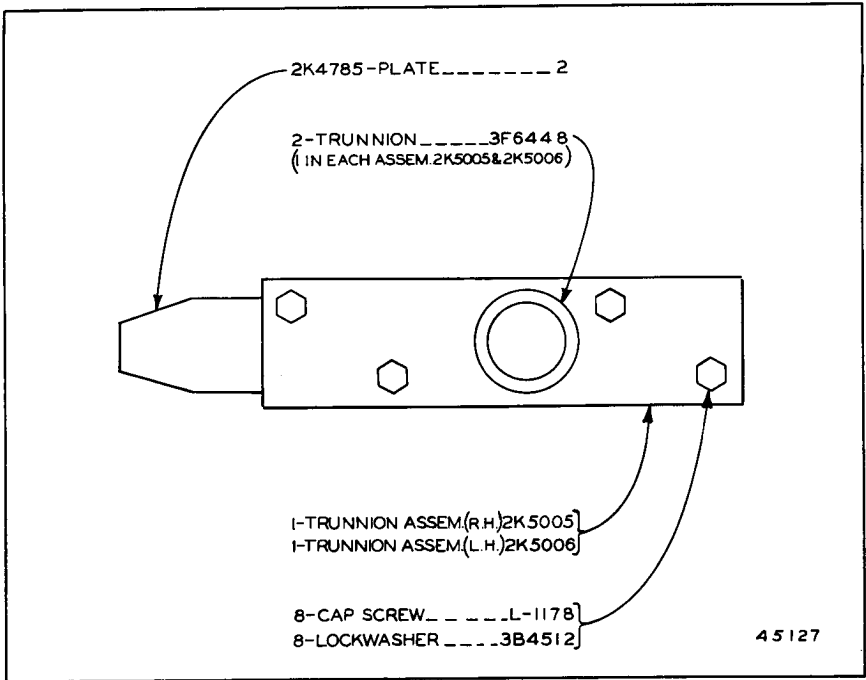
Effective with Bulldozer Serial No. 43D242

Part of 2J6684 Bulldozer Arrangement shown on Page 215

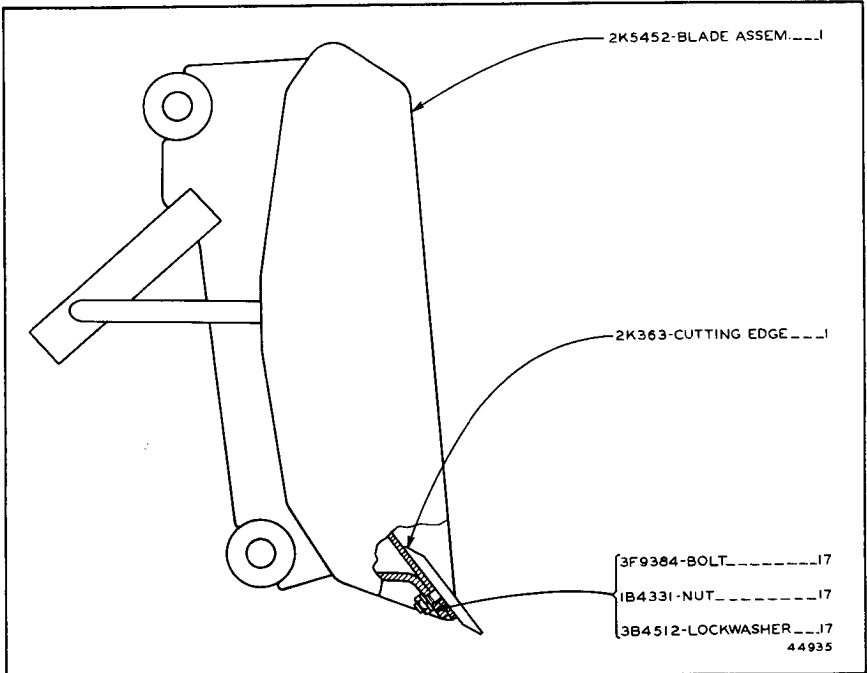


2J6657 C-FRAME GROUP
 Part of 2J6684 Bulldozer Arrangement shown on Page 215

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

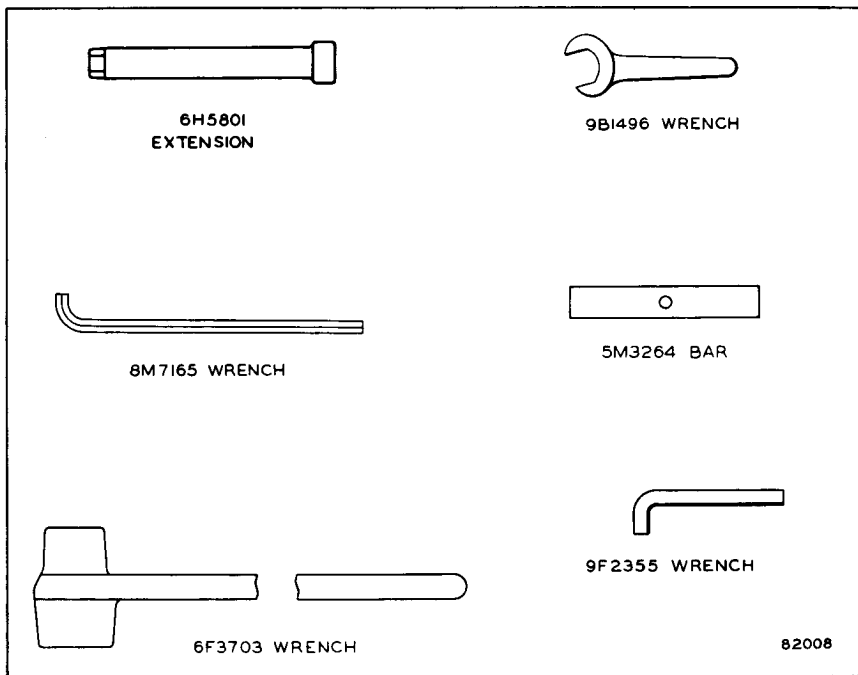


2K5116 TRUNNION GROUP
For mounting 977A Bulldozer



2K5356 BULLDOZER GROUP—Straight Blade—104" Wide
For use with 977 Traxcavator only
AN ATTACHMENT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



6H5801
EXTENSION

9B1496 WRENCH

8M7165 WRENCH

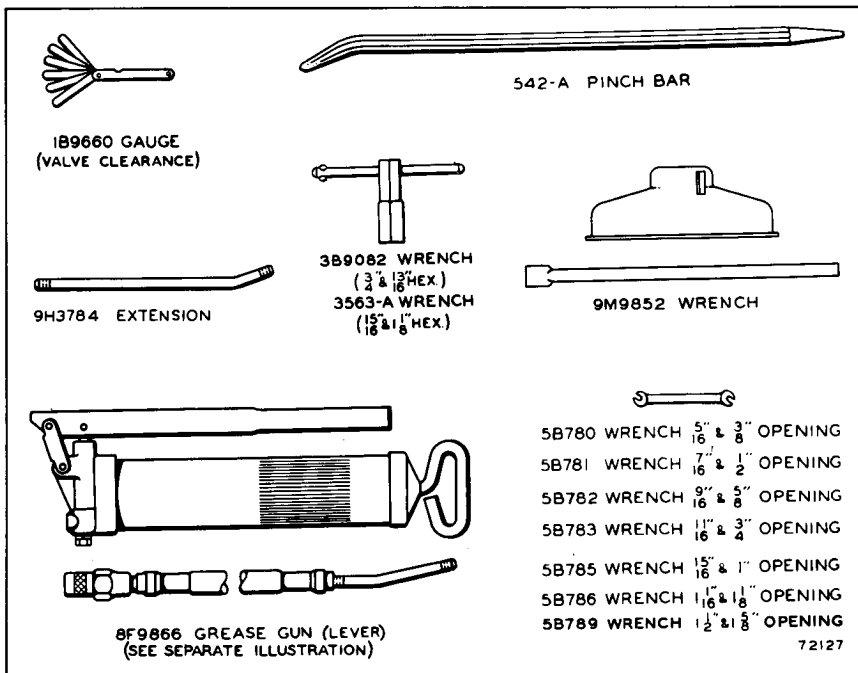
5M3264 BAR

6F3703 WRENCH

9F2355 WRENCH

82008

TOOLS



1B9660 GAUGE
(VALVE CLEARANCE)

542-A PINCH BAR

9H3784 EXTENSION

3B9082 WRENCH
($\frac{3}{4}$ " & $\frac{1}{2}$ " HEX.)
3563-A WRENCH
($1\frac{1}{8}$ " & $\frac{1}{2}$ " HEX.)

9M9852 WRENCH

8F9866 GREASE GUN (LEVER)
(SEE SEPARATE ILLUSTRATION)

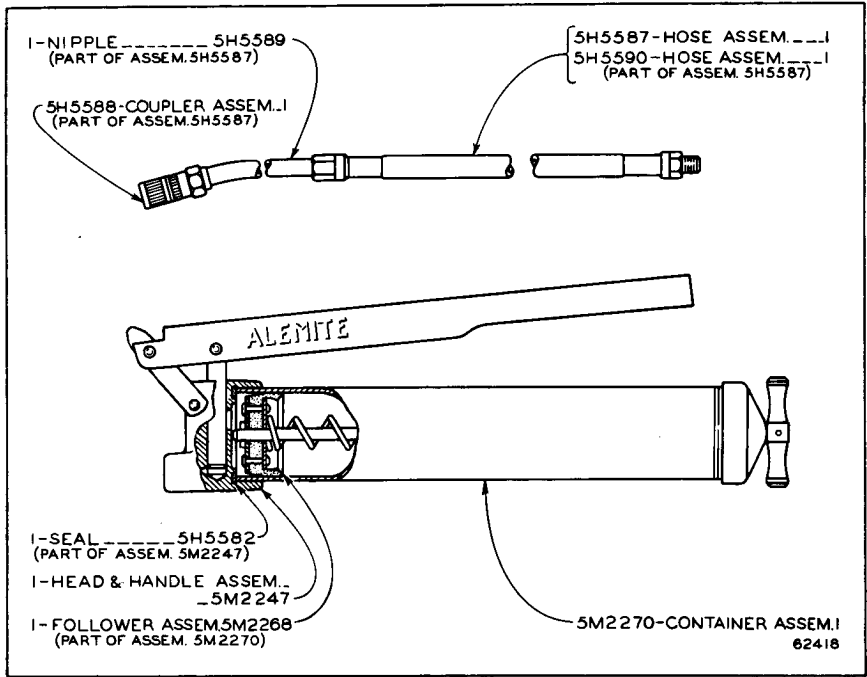
5B780 WRENCH $\frac{5}{16}$ " & $\frac{3}{8}$ " OPENING
5B781 WRENCH $\frac{7}{16}$ " & $\frac{1}{2}$ " OPENING
5B782 WRENCH $\frac{9}{16}$ " & $\frac{5}{8}$ " OPENING
5B783 WRENCH $\frac{11}{16}$ " & $\frac{3}{4}$ " OPENING
5B785 WRENCH $\frac{15}{16}$ " & 1" OPENING
5B786 WRENCH $1\frac{1}{16}$ " & $1\frac{1}{8}$ " OPENING
5B789 WRENCH $1\frac{1}{2}$ " & $1\frac{3}{8}$ " OPENING

72127

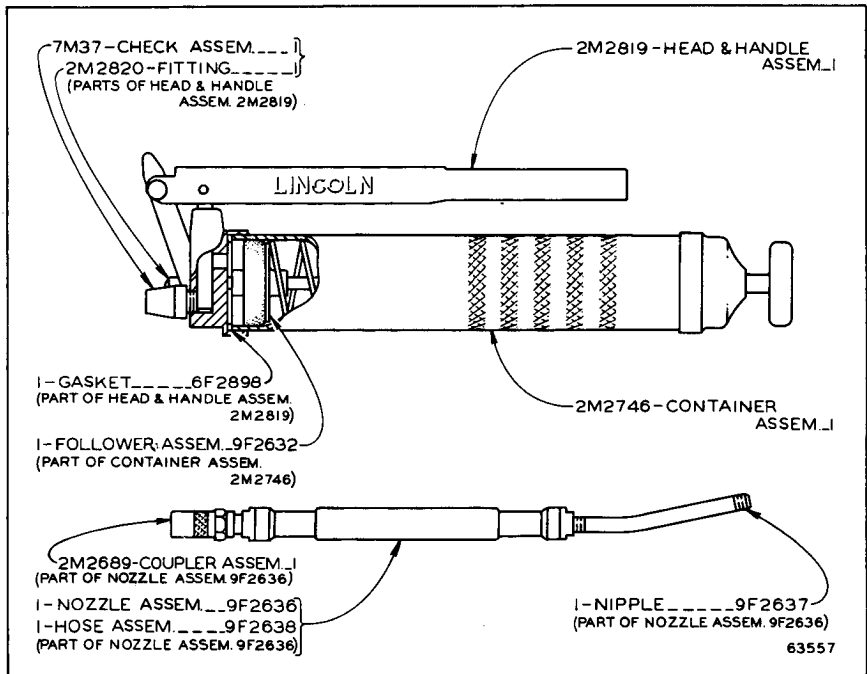
8M9863 TOOL GROUP

8F9866 Grease Gun parts are shown on Page 222
AN ATTACHMENT

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



8F9866 GREASE GUN—First Type
Part of 8M9863 Tool Group shown on Page 221



8F9866 GREASE GUN—Second Type
Part of 8M9863 Tool Group shown on Page 221

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

Quantity Used	Part Number	Description
1	6H4356	Plate—Turbocharger Warning On lower dash—L.H. side
2	2M6831	Plate—Serial Number On rear of transmission case and left hand side of cylinder block
4	4B4159	Drive Screw—Serial Number Plate
1	7M4904	Plate—Fuel Filter Warning On fuel filter
1	9M3058	Plate—Lubrication Instruction On L.H. seat support assembly to rear of filter
16	4B4158	Drive Screw
1	8M4721	Transfer Group Consisting of:
1	.....	Transfer—Air Cleaner Instruction On diesel engine air cleaner
1	.....	Transfer—Air Cleaner Instruction On starting engine air cleaner
1	.....	Transfer—Caterpillar Tractor Co. Peoria, Illinois U.S.A. On back of fuel tank
1	.....	Transfer—Filter Instruction On oil filter cover
1	.....	Transfer—Filter Instruction On hydraulic oil filter
1	.....	Transfer—Fuel Oil Capacity To left of fuel tank filler neck
1	.....	Transfer—Generator Instruction On voltage regulator and generator body
1	.....	Transfer—Instruction On starting engine breather
1	.....	Transfer—Safety On dash
1	.....	Transfer—Series H On back of fuel tank
1	.....	Transfer—977 On back of fuel tank
2	.....	Transfer—977H On R.H. side of hydraulic tank and L.H. side of seat
1	.....	Transfer—Traxcavator On back of fuel tank
3	5H8460	Transfer—Caterpillar On back of fuel tank
2	7H6814	Transfer—CAT On R.H. side of hydraulic tank and L.H. side of seat

NAME PLATES AND TRANSFERS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

SPECIFICATIONS

(SUBJECT TO CHANGE WITHOUT NOTICE)

Weight, shipping (approximate)	
977 Traxcavator	36,570 lbs.
977A Bulldozer	3,340 lbs.

DIMENSIONS

Length, Traxcavator only	17' 37/8"
Width, Traxcavator only	8'
Height, Traxcavator only	7' 6 1/2"
Bucket width	96"
Dumping clearance	112"
Dumping height	144"
Dumping reach	39 1/2"
Maximum digging depth	11 3/4"

CAPACITIES

Cooling System	13 1/2 U.S. Gal.
Crankcase	6 1/2 U.S. Gal.
Transmission	11 U.S. Gal.
Range Transmission Case	6 3/4 U.S. Gal.
Final Drive, each side	8 U.S. Gal.
Fuel Tank	79 U.S. Gal.
Hydraulic System	
Bucket Controls	34 1/2 U.S. Gal.
Steering Mechanism	2 1/8 U.S. Gal.
Bucket	2 1/2 Cu. Yd.

STARTING METHOD

Independent, two cylinder, four cycle gasoline starting engine cranked by 12-volt motor controlled from operator's seat. 24-volt direct electric starting for the diesel engine is also available.

MACHINE SERIAL NUMBER PLATE LOCATION

Traxcavator serial number plates are located on the back of the transmission case and on the left-hand side of the cylinder block. Bulldozer serial number plate is located at the right rear side of the blade.