

PARTS BOOK

FORM UE033244

REPLACES
FORM 32703
AND
FORM 32572

CATERPILLAR 933 TRAXCAVATOR



SERIAL NUMBERS
TRAXCAVATOR
11A1 TO 11A3653
BULLDOZER
41D1-UP

933 TRAXCAVATOR

HOW TO ORDER PARTS

Please be sure to furnish the quantity, part number and name of each part wanted. It is also important to give the serial number of the machine for which the parts are intended. Location of serial number plates may be determined by referring to the "Specifications" page of this parts book. It is suggested that you write the serial number of your machine in this space so that it will be readily available when you need it.

THIS PARTS BOOK FOR
MACHINE SERIAL NUMBER

11A1409.....

To insure prompt delivery, please don't overlook furnishing the correct name of the consignee, also the street address, town, county and state to which the parts are to be shipped, and indicate whether shipment is to be made by freight, express, parcel post or by other means.

WHERE TO ORDER PARTS

Caterpillar dealers maintain over 400 stores in the United States, and similar establishments are located strategically in nearly all countries throughout the world. These organizations are backed by the extensive facilities and resources of Caterpillar Tractor Co.

Dealer personnel are factory trained in the stocking and issuing of parts, and large stocks are constantly maintained to insure prompt service. Contact your nearest Caterpillar dealer to make sure that he has your name and address, the correct serial number of your machine, and an accurate list of accessories and attachments. This record will facilitate the issuance of parts when you need them in a hurry.

WHAT THE CATERPILLAR DEALER CAN DO FOR YOU

Caterpillar dealers are in the business of making it economical and profitable for you to own and operate Caterpillar machinery. They are in constant touch with the factory for new developments in repair and maintenance methods, operating procedures, and parts requirements. Their parts stocks are active and up-to-date, including all parts normally required to protect your investment in Caterpillar machinery.

Nearly all Caterpillar dealers offer 24-hour emergency service. For quick reference, write the name and address of the local dealer on your desk pad or the front of your phone book.

ONLY CATERPILLAR PARTS GIVE CATERPILLAR PERFORMANCE

The same quality and craftsmanship that has made Caterpillar products famous throughout the world is built into all Caterpillar replacement parts.

REVISION PUBLISHED MAY 1970

FRANÇAIS

COMMENT ÉTABLIR UNE COMMANDE DE PIÈCES DE RECHANGE. Il est nécessaire d'indiquer dans la commande, pour chaque pièce, la quantité désirée, le numéro de la pièce et sa désignation; il est également important de donner le numéro de série de la machine à laquelle les pièces sont destinées. L'emplacement, sur la machine, de la plaque portant le numéro de série est décrit à la page "Caractéristiques" ("Spécifications") de ce catalogue. Nous recommandons d'inscrire le numéro de série de la machine dans la case réservée à cet effet en page 1 de ce catalogue afin de faciliter la préparation des commandes.

Pour accélérer la livraison, ne manquez pas de préciser le nom et l'adresse complète du destinataire et d'indiquer le mode d'expédition (par chemin de fer, par route, par voie maritime ou aérienne, par colis postal, etc.).

OÙ COMMANDER LES PIÈCES DE RECHANGE. Le réseau des concessionnaires Caterpillar couvre la plupart des pays du monde; leurs installations sont situées de façon à servir au mieux la clientèle. De plus, les concessionnaires bénéficient de l'appui et des ressources considérables de Caterpillar Tractor Co. et de ses filiales.

Le personnel du concessionnaire est formé par l'usine. Sa formation couvre l'exécution des commandes et la gestion des stocks. Ceux-ci sont maintenus à un niveau important pour assurer l'exécution rapide des commandes. Ne manquez pas de communiquer les renseignements suivants au concessionnaire Caterpillar le plus proche de votre entreprise: le numéro de série de votre machine et une liste complète de ses équipements et accessoires, ainsi que votre nom et votre adresse. Ces renseignements faciliteront la livraison rapide des pièces quand vous en aurez besoin d'urgence.

CE QUE LE CONCESSIONNAIRE CATERPILLAR PEUT FAIRE POUR VOUS. Le rôle des concessionnaires Caterpillar est de contribuer à la rentabilité et à l'économie d'emploi de votre matériel Caterpillar. Constamment en rapport avec les usines, ils sont tenus au courant des méthodes de réparation et d'entretien les plus récentes, ainsi que des procédures de gestion et des pièces requises pour les différentes réparations ou modifications. Leur stock de pièces, fréquemment renouvelé et bien à jour, comprend toutes les pièces d'usage courant pour la protection de votre investissement en matériel Caterpillar. Les services d'urgence de la plupart des concessionnaires Caterpillar fonctionnent jour et nuit. Pour éviter toutes pertes de temps et recherches inutiles, notez le nom et l'adresse du concessionnaire Caterpillar dans votre agenda ou dans un carnet de numéros de téléphone utiles.

SEULES LES PIÈCES D'ORIGINE CATERPILLAR VOUS DONNENT LA QUALITÉ CATERPILLAR. Toutes les pièces de rechange Caterpillar possèdent la qualité de matière et de fabrication qui a fait le succès mondial du matériel Caterpillar.

ITALIANO

MODO DI ORDINARE LE PARTI DI RICAMBIO. Vi preghiamo di indicare con precisione: quantità, numero di parte e denominazione di ogni parte richiesta. È altresì importante precisare il numero di serie della macchina sulla quale dovranno essere montate le parti. Le targhe del numero di serie delle macchine possono essere rintracciate consultando la pagina "Specificazioni" di questo catalogo di parti. Vi consigliamo di scrivere il numero di serie della vostra macchina nello spazio apposito, sulla prima pagina di questo catalogo, in modo da poter essere facilmente e rapidamente consultato, in qualsiasi circostanza.

Per assicurare la pronta consegna, vi preghiamo di non mancare di fornire il nome esatto del destinatario, precisando inoltre l'indirizzo, e cioè: via, città e provincia, dove le parti dovranno essere spedite; specificando se la spedizione deve essere effettuata per ferrovia, espresso, pacco postale, o qualsiasi altro mezzo.

DOVE ODINARE LE PARTI. I concessionari Caterpillar hanno organizzato depositi di parti di ricambio, convenientemente distribuiti in quasi tutti i paesi del mondo. Tutta l'organizzazione si avvale delle vaste risorse e mezzi della Caterpillar Tractor Co.

Il personale dei concessionari viene istruito dalla fabbrica nel mantenimento degli assortimenti e nella consegna delle parti. Inoltre, vasti depositi di parti, regolarmente riforniti, garantiscono la rapida consegna. Rivolgetevi al concessionario Caterpillar più vicino a voi, e assicuratevi che egli abbia il vostro nome e indirizzo, l'esatto numero di serie della vostra macchina ed una lista accurata dei vari accessori. Queste informazioni faciliteranno la pronta consegna delle parti nei casi di urgente necessità.

CIÒ CHE PUÒ FARE PER VOI IL CONCESSIONARIO CATERPILLAR. Lo scopo principale dei concessionari Caterpillar è di rendere vantaggioso ed economico per voi il possesso e l'impiego delle macchine Caterpillar. Essi sono in costante comunicazione con la fabbrica, e quindi al corrente di tutto ciò che riguarda miglioramenti nei sistemi di riparazione, di manutenzione e di impiego, nonché delle caratteristiche delle parti richieste. I loro assortimenti, efficienti e aggiornati, comprendono tutte le parti che sono normalmente richieste per salvaguardare il capitale da voi investito nelle macchine Caterpillar.

Quasi tutti i concessionari Caterpillar sono in grado di offrire servizi di emergenza di giorno e di notte. Per rapida consultazione, scrivete il nome e l'indirizzo del vostro concessionario locale sulla rubrica della vostra scrivania o nella testata del vostro elenco telefonico.

SOLTANTO LE PARTI CATERPILLAR GARANTISCONO IL RISULTATO TIPO CATERPILLAR. Tutte le parti di ricambio Caterpillar sono costruite con le stesse qualità di materiali e accuratezza di lavorazione che hanno reso famosi in tutto il mondo i prodotti Caterpillar.

DEUTSCH

BESTELLUNGSANGABEN: Grundsätzlich ist bei jeder Bestellung die Ersatzteilnummer, die Ersatzteilbezeichnung und die Stückzahl anzugeben. Ausserdem muss unbedingt die Seriennummer der Maschine erscheinen, für welche die Teile bestellt werden. Die Lage des Seriennummernschildes an der Maschine ist aus der Seite: "Technische Daten" dieser Ersatzteilliste zu ersehen. Es empfiehlt sich deshalb, die Seriennummer Ihrer Maschine auf der Vorderseite dieser Ersatzteilliste in dem, hierfür vorgesehenen Raum, einzutragen.

Eine schnelle Auslieferung von Bestellungen kann nur dann erfolgen, wenn der Name und die Empfangsadresse des Bestellers mit Hausnummer, Strasse, Stadt, Kreis und Land oder Kanton vollständig angegeben ist. Ausserdem sollte auf der Bestellung die gewünschte Versandart, wie z.B.: Paketpost, Bahnfracht, Spedition usw. angegeben werden.

BESTELLUNGS-AUFGABE: In allen Ländern der freien Welt werden Original Caterpillar Teile durch Caterpillar Händler geliefert, deren Ersatzteillager leicht erreichbar zu Ihrer Verfügung stehen. Diese Caterpillar Händler stehen in direkter Verbindung mit dem Hauptwerk der Caterpillar Tractor Co., sowie deren Tochtergesellschaften und Ersatzteildepots.

Durch Werksschulung des Händlerpersonals in der Bearbeitung und Abfertigung von Ersatzteilbestellungen, sowie durch die dauernde Lagerhaltung grosser Ersatzteilbestände, wird Ihnen eine prompte Belieferung gewährleistet. Es empfiehlt sich, Ihrem Caterpillar Händler die genauen Seriennummern Ihrer Maschinen, sowie deren Anbaugeräte aufzugeben, damit er seinen Lagerbestand entsprechend abstimmen kann.

CATERPILLAR KUNDENDIENST: Die Hauptaufgabe Ihres Caterpillar Händlers besteht im Kundendienst und in der Betreuung von Caterpillar Maschinen. Durch den engen Kontakt mit dem Hauptwerk ist er bezüglich neuer Wartungs- und Reparaturmethoden, Einsatzmöglichkeiten und Ersatzteilneheiten immer auf dem Laufenden. Sein Kundendienst ist bestens dazu geeignet, Ihre Kapitalsanlage in Caterpillar Maschinen ertragreich zu gestalten.

Fast alle Caterpillar Händler unterhalten einen Nacht- und Feiertagsdienst für dringende Bedarfsfälle. Diese wichtige Rufnummer sollte deshalb unbedingt in Ihrem Telefon- oder Anschriftenverzeichnis an prominenter Stelle eingetragen sein.

NUR CATERPILLAR ORIGINALTEILE GEWÄHRLEISTEN DIE VOLLE LEISTUNGSKRAFT IHRER CATERPILLAR MASCHINEN!

Jedes Caterpillar Originalersatzteil ist ein Qualitätserzeugnis von der gleichen Güte, die Caterpillar Maschinen in aller Welt berühmt gemacht hat.

ESPAÑOL

COMO PEDIR PIEZAS DE REPUESTO. Es necesario indicar la cantidad, el número y el nombre de cada pieza que se desee. Es también importante dar el número de serie de la máquina para la cual se requieren las piezas. La ubicación de las placas con el número de serie puede determinarse consultando la página de "Especificaciones" en este Libro de Piezas. Se sugiere que anote usted el número de serie de su máquina en la página No. 1 de este libro, a fin de que pueda obtenerlo cuando lo necesite.

Para que el despacho se efectúe con prontitud, es necesario que se dé el nombre correcto del consignatario, así como la dirección, ciudad, estado (o provincia o departamento) y país donde deben enviarse las piezas. Asimismo, debe especificarse la forma de transporte, ya sea carga, expreso, paquete postal, u otra diferente.

DONDE PEDIR LAS PIEZAS. Los Distribuidores Caterpillar tienen establecimientos estratégicamente situados en todo el mundo. Estas organizaciones están respaldadas por las extensas facilidades y recursos de Caterpillar Tractor Co. y sus subsidiarias.

El personal de los distribuidores ha recibido adiestramiento en la fábrica sobre el almacenamiento y envío de piezas. Se mantienen, además, grandes existencias de repuestos para asegurar un servicio rápido. Póngase en contacto con el Distribuidor Caterpillar más cercano para asegurarse que tienen su nombre y su dirección, el número de serie correcto de su máquina y una lista exacta de piezas y accesorios. La exactitud de estos datos facilitará el envío de repuestos cuando usted los necesite con urgencia.

LO QUE EL DISTRIBUIDOR CATERPILLAR PUEDE HACER POR USTED. Los Distribuidores tienen como finalidad el hacer económicos y fructíferos para usted la posesión y uso de las máquinas CATERPILLAR. Ellos están en contacto continuo con la fábrica, a fin de enterarse de los últimos adelantos en los métodos de reparación y conservación, de los procedimientos de trabajo y los requerimientos de piezas. Sus existencias de piezas tienen gran movimiento y están siempre al día, especialmente todas aquellas que se requieren usualmente para proteger la inversión que Ud. hace en máquinas CATERPILLAR.

Casi todos los Distribuidores ofrecen servicio de emergencia 24 horas al día. Para referencia rápida, escriba el nombre y dirección del Distribuidor local en la carpeta de su escritorio, o en la cubierta de su guía telefónica.

SOLO LAS PIEZAS CATERPILLAR DAN RENDIMIENTO CATERPILLAR. Todas las piezas CATERPILLAR se fabrican según las normas de alta calidad y mano de obra que han hecho famosos los productos CATERPILLAR.

PORTUGUÊS

COMO FAZER OS PEDIDOS DE PEÇAS—Indique a quantidade, o número de referência e o nome das peças desejadas, sendo também importante dar o número de série da máquina a que elas se destinam. A situação das chapas com o número de série está descrita na página das especificações deste catálogo. Sugerimos que escreva o número de série da sua máquina no espaço reservado para este fim na primeira página deste catálogo, para tê-lo fácil quando precisar.

A fim de assegurar pronta entrega, dê o nome correto do consignatário, com endereço completo incluindo rua e número, cidade, estado ou província e país para onde as peças devem ser remetidas, indicando também se o despacho deve ser feito por via marítima, terrestre ou aérea, pelo correio simples ou expreso ou por outro meio de transporte.

PARA ONDE DIRIGIR OS PEDIDOS DE PEÇAS—Os revendedores Caterpillar mantêm estabelecimentos comerciais localizados estrategicamente em quase todos os países do mundo e que contam com as facilidades e recursos da Caterpillar Tractor Co., bem como das suas subsidiárias.

Eles dispõem de pessoal especialmente treinado na fábrica em serviços de peças e mantêm grandes estoques atualizados para servi-lo com presteza. Entre em contacto com o revendedor Caterpillar mais próximo e veja que êle tenha o seu nome e endereço, bem como o número de série correto da sua máquina e uma lista completa dos acessórios e equipamentos. Estas informações facilitarão a remessa de peças quando as precisar com urgência.

OS REVENDEDORES CATERPILLAR PODEM FAZER MUITO POR V.S.—Eles têm interesse em tornar econômico e lucrativo o uso das máquinas Caterpillar. Pelo contacto permanente com a fábrica, estão sempre ao par dos últimos métodos de reparo e manutenção, técnicas de manejo das máquinas e necessidade de peças sobressalentes. Seus estoques são ativos e atualizados, incluindo tôdas as peças normalmente necessárias para a proteção do investimento de V. S. no maquinário Caterpillar.

Quase todos os revendedores Caterpillar atendem serviços de emergência a qualquer hora do dia ou da noite. Para referência imediata, escreva o nome e o endereço do seu revendedor no livro de anotações da sua escrivãzinha ou na primeira página da sua lista telefônica.

A QUALIDADE CATERPILLAR SO EXISTE NAS PEÇAS CATERPILLAR—Tôdas as peças sobressalentes Caterpillar são feitas com o mesmo esmero e qualidade que tornaram os produtos Caterpillar famosos no mundo inteiro.

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INDEX

Diesel Engine

(Page 12)

Name	Page	Name	Page
Accessory Shaft	32	Governor—Basic	34
Air Cleaner	22	Governor—Complete	33
Breather	31	Heat Indicator	33
Camshaft	31	Hour Meter	42
Connecting Rod	30	Idler Gear	32
Control—Compression Release	23	Manifolds	23
Control—Fuel Pump and Governor	37	Oil Cooler	47
Control—Governor— Positive Locking	36	Oil Filler	31
Crankshaft	29	Oil Lines	44
Crankshaft Bearings	30	Piston	30
Cylinder Block and Covers	26	Pump—Fuel Transfer	38
Cylinder Head	24	Pump—Oil	45
Fan	20	Pump—Water	20
Filter—Fuel	39	Radiator	12
Filter—Oil	44	Specifications	224
Fuel Injection System	40	Support—Engine	48
Gauge—Fuel	33	Tachometer Drive	42
Gauge—Oil	33	Tools	218
		Transfers	217
		Valve Mechanism	24

Starting Engine

(Page 50)

Air Cleaner	58	Cylinder Block	52
Battery	76	Cylinder Head	52
Breather	58	Fuel System	76
Camshaft	56	Generator	68
Carburetor	59	Governor	50
Clutch	63	Ignition System	60
Clutch Housing	68	Magneto	61
Connecting Rod	57	Piston	57
Controls—Carburetor	57	Starter Pinion	63
Control—Clutch	67	Starter—Electric	74
Control—Starter Pinion	67	Valve Mechanism	52
Crankshaft	56		

Clutch, Transmission and Chassis

(Page 77)

Brakes	86	Clutch—Steering	90
Clutch—Flywheel	78	Control—Flywheel Clutch	80

Clutch, Transmission and Chassis—Continued

Name	Page	Name	Page
Control—Gear Shift	80	Idler—Front	97
Control—Steering Clutch	89	Roller—Track	104
Dash	114	Roller—Track Carrier	106
Drawbar	108	Seat Cushions	115
Fenders	108	Shaft—Pivot	96
Final Drive	92	Track	107
Floor Plate	114	Transmission	82
Frame—Track Roller	100	Transmission Case and Covers	84
Fuel System	115	Transmission Support	96
Guard—Track Roller Frame	102		

Hydraulic Controls

(Page 116)

Control—Valve Hand	116	Lines	135
Cylinder—Lift	136	Pump and Lines	129
Cylinder—Tilt	137	Tank and Valve	118

Traxcavator

(Page 138)

Bucket	138	Guard—Crankcase	143
Bucket Positioner	138	Hood and Guard	142
Control—Bucket	139	Kickout—Bucket Lift Control	143
Frame	141		

Attachments

(Page 144)

Arrester—Spark	177	Lighting System—6 Volt	178
Bucket	144	Lighting System—24 Volt	181
Bucket—Side Dump	147	Logging Fork	147
Bulldozer	213	Muffler	177
Clamp—Top	148	Pulpwood Fork	148
Control—Hydraulic	149	Pump—Fuel Priming	212
Counterweight	167	Rain Trap—Exhaust	176
Drawbar—Swinging	169		
Extension—Spill Plate	145	Starting System—Electric	200
Frame—Track Roller	171	Teeth—Bucket	146
Generator	182	Track	170
Guard—Track Roller	172	Track Adjusters—Hydraulic	174
Hook—Front Pull	168		

No. 933A Bulldozer

(Page 214)

Blade	215
Bulldozer	214
Trunnion	216

INDEX ALPHABÉTIQUE

Moteur diesel

(Page 12)

Désignation	Page	Désignation	Page
Arbre à cames	31	Outillage	218
Arbre des entraînements secondaires	32	Pistons	30
Bielles	30	Pompe à eau	20
Bloc-cylindres	26	Pompe à huile de graissage	45
Canalisations de graissage	44	Pompe d'alimentation de carburant	38
Caractéristiques	224	Radiateur	12
Collecteurs	23	Réfrigérant d'huile de graissage	47
Compteur d'entretien	42	Régulateur (complet)	33
Coussinets de vilebrequin	30	Régulateur (groupe de base)	34
Culasse	24	Régulateur (timonerie extérieure)	37
Décompresseur (commande)	23	Régulateur (verrouillage anti-retour)	36
Engrenage intermédiaire (distribution)	32	Reniflard	31
Filtre à air	22	Soupapes et train de commande	24
Filtre à carburant diesel	39	Tachymètre (entraînement)	42
Filtre à huile de graissage	44	Thermomètre (eau)	33
Groupe d'injection de carburant	40	Traverse support-moteur	48
Instructions sur décal comanies	217	Tubulure de remplissage d'huile	31
Manomètre de pression de carburant	33	Ventilateur	20
Manomètre de pression d'huile	33	Vilebrequin	29

Groupe de lancement

(Page 50)

Allumage électrique	60	Embrayage de lancement	63
Arbre à cames	56	Embrayage de lancement (boîtier)	68
Batterie	76	Filtre à air	58
Bielles	57	Magnéto	61
Bloc-cylindres	52	Pignon de lancement	63
Carburateur	59	Pistons	57
Carburateur (commandes)	57	Régulateur	50
Commandes de lancement (embrayage et pignon)	67	Reniflard	58
Culasses	52	Soupapes et train de commande	52
Démarrateur électrique	74	Tuyauterie d'essence	76
Dynamo	68	Vilebrequin	56

Bâti et organes de transmission

(Page 77)

Alimentation de carburant (réservoir)	115	Bâti arrière	84
Arbre porteur	96	Boîte de vitesses	82
Barre d'attelage	108	Boîte de vitesses (commande et sélecteur)	80

Bâti et organes de transmission—Continued

Désignation	Page	Désignation	Page
Chaîne de roulement	107	Freins	86
Châssis porteurs (capots protecteurs)	102	Galets inférieurs	104
Châssis porteurs latéraux	100	Galets supérieurs	106
Commandes finales	92	Garde-boue	108
Embrayage principal	78	Plate-forme	114
Embrayage principal (commande)	80	Roue AV	97
Embrayages de direction	90	Siège (coussin)	115
Embrayages de direction (commande)	89	Supports du bâti sur les châssis porteurs	96
		Tablier	114

Commande hydraulique

(Page 116)

Canalisations	135	Tringlerie de commande	116
Pompe hydraulique et tuyauterie	129	Vérins de levage	136
Réservoir et valve sélective	118	Vérins de vidage	137

Traxcavator

(Page 138)

Arrêt automatique de fin de levage	143	Godet	138
Bâti de l'appareil de levage	141	Protège-carter moteur	143
Bras et bielles de godet	139	Retour automatique à l'angle de coupe	138
Capot et protège-radiateur	142		

Accessoires

(Page 144)

Barre d'attelage oscillante	169	Fourche de manutention	147
Bulldozer	213	Fourche pour pâte à papier	148
Chaîne de roulement	170	Godet	144
Chaîne de roulement (tendeur hydraulique)	174	Godet à vidage latéral	147
Châssis porteurs latéraux	171	Griffe de retenue	148
Commande hydraulique	149	Installation électrique—6 volts	178
Contrepoids	167	Installation électrique—24 volts	181
Crochet avant	168	Pare-etincelles	177
Défecteur d'eau sur échappement	176	Pompe d'amorçage (carburant)	212
Démarrage électrique direct	200	Pot d'échappement	177
Dents (pour godet)	146	Protège-galets	172
Dynamo	182	Rehausse de godet	145

Bulldozer N° 933A

(Page 214)

Bulldozer	214
Lame	215
Tourillons	216

INDICE

Motor Diesel (Página 12)

Nombre	Página	Nombre	Página
Bielas	30	Filtro del Combustible	39
Bloques del Motor y Tapas	26	Herramientas	218
Bomba de Alimentación	38	Horómetro	42
Bomba del Aceite	45	Indicador de Temperatura	33
Bomba del Agua	20	Manómetro del Aceite	33
Calcomanías	217	Manómetro del Combustible	33
Cigüeñal	29	Mecanismo de las Válvulas	24
Cojinetes del Cigüeñal	30	Múltiples	23
Control de la Descompresión	23	Pistón	30
Control de las Bombas del Combustible y del Regulador	37	Radiador	12
Control del Regulador de Cierre Positivo	36	Regulador Básico	34
Culata	24	Regulador Completo	33
Eje de Accesorios	32	Respiradero	31
Eje de Levas	31	Sistema de Inyección del Combustible	40
Enfriador del Aceite	47	Soporte del Motor	48
Engranaje Loco	32	Toma para Tacómetro	42
Especificaciones	224	Tubo de Llenado	31
Filtro de Aire	22	Tubos del Aceite	44
Filtro del Aceite	44	Ventilador	20

Motor de Arranque (Página 50)

Arranque Eléctrico	74	Embrague	63
Batería	76	Filtro de Aire	58
Bielas	57	Generador	68
Bloque del Motor	52	Magneto	61
Caja del Embrague	68	Mecanismo de las Válvulas	52
Carburador	59	Piñón de Arranque	63
Cigüeñal	56	Pistón	57
Control del Embrague	67	Regulador	50
Control del Piñón de Arranque	67	Respiradero	58
Controles del Carburador	57	Sistema de Ignición	60
Culata	52	Sistema del Combustible	76
Eje de Levas	56		

Embrague, Transmisión y Chasis (Página 77)

Barra de Tiro	108	Carril	107
Bastidor de los Rodillos	100	Cojines del Asiento	115
Caja de la Transmisión y Tapas	84	Control de Cambios	80

Embrague, Transmisión y Chasis—Continued

Nombre	Página	Nombre	Página
Control de los Embragues de Dirección	89	Protección del Bastidor de los Rodillos	102
Control del Embrague Principal	80	Rodillo Inferior	104
Eje Pivote	96	Rodillo Superior	106
Embrague de Dirección	90	Rueda Guía	97
Embrague Principal	78	Sistema del Combustible	115
Frenos	86	Soporte de la Transmisión	96
Mandos Finales	92	Tablero	114
Planchas del Piso	114	Tapabarros	108
		Transmisión	82

Controles Hidráulicos

(Página 116)

Bomba y Tuberías	129	Control Manual de la Válvula	116
Cilindro de los Brazos	136	Tanque y Válvula	118
Cilindro del Cucharón	137	Tubos	135

Traxcavator

(Página 138)

Bastidor	141	Control del Cucharón	139
Capó y Protección	142	Cucharón	138
Control Automático de Volteo del Cucharón	143	Protección del Cáster	143
		Ubicador del Cucharón	138

Accesorios

(Página 144)

Ajustador Hidráulico del Carril	174	Generador	182
Barra de Tiro Giratoria	169	Grampa Superior	148
Bastidor de los Rodillos	171	Guardallamas	177
Bomba de Alimentación	212	Horquilla Maderera	147
Bulldozer	213	Horquilla para Pulpa	148
Carril	170	Protección de los Rodillos	172
Contrapeso	167	Silenciador	177
Control Hidráulico	149	Sistema de Alumbrado de 6 Volts	178
Cucharón	144	Sistema de Alumbrado de 24 Volts	181
Cucharón de Descarga Lateral	147	Sistema Eléctrico de Arranque	200
Dientes del Cucharón	146	Trampa de Lluvia para el Escape	176
Extensión—Plancha de Derrame	145		
Gancho de Tiro Delantero	168		

Bulldozer No. 933A

(Página 214)

Bulldozer	214
Hoja	215
Muñón	216

ÍNDICE

Motor Diesel (Página 12)

Nomenclatura	Página	Nomenclatura	Página
Árvore acessória	32	Ferramentas	218
Árvore de comando das válvulas	31	Filtro de combustível	39
Árvore de manivelas	29	Filtro de óleo	44
Biela	30	Indicador da temperatura	33
Bloco e tampas do motor	26	Indicador do combustível	33
Bocal de enchimento de óleo	31	Indicador do óleo	33
Bomba d'água	20	Mancais da árvore de manivelas	30
Bomba de óleo	45	Marcador de horas	42
Bomba de transferência de combustível	38	Mecanismo das válvulas	24
Coletores	23	Pistão	30
Comando do tacômetro	42	Purificador de ar	22
Contrôle da descompressão	23	Radiador	12
Contrôle das bombas injetoras e do regulador	37	Regulador básico	34
Contrôle do regulador— a catraca	36	Regulador completo	33
Culatra do motor	24	Resfriador de óleo	47
Decalcomanias	217	Respiro	31
Engrenagem intermediária	32	Sistema de injeção de combustível	40
Especificações	224	Suporte do motor	48
		Tubulação de óleo	44
		Ventilador	20

Motor de partida (Página 50)

Árvore de comando das válvulas	56	Embreagem	63
Árvore de manivelas	56	Magneto	61
Bateria	76	Mecanismo das válvulas	52
Biela	57	Motor elétrico de partida	74
Bloco do motor	52	Pinhão de partida	63
Caixa da embreagem	68	Pistão	57
Carburador	59	Purificador de ar	58
Contrôle da embreagem	67	Regulador	50
Contrôle do carburador	57	Respiro	58
Contrôle do pinhão de partida	67	Sistema de combustível	76
Culatra do motor	52	Sistema de ignição	60
Dínamo	68		

Embreagem, transmissão e chassis (Página 77)

Almofada do assento	115	Chapa da plataforma	114
Armação dos rolêtes de esteira	100	Comando final	92
Barra de tração	108	Contrôle da embreagem do volante	80
Caixa e tampas da transmissão	84		

Embreagem, transmissão e chassis—Continued

Nomenclatura	Página	Nomenclatura	Página
Contrôle das embreagens de direção	89	Paralamas	108
Contrôle das mudanças de marchas	80	Protetor da armação dos rolêtes da esteira	102
Eixo de articulação	96	Roda-guia	97
Embreagens de direção	90	Rolête inferior	104
Embreagem do volante	78	Rolête superior	106
Esteira	107	Sistema de combustível	115
Freios	86	Suporte da transmissão	96
Painel	114	Transmissão	82

Comandos hidráulicos

(Página 116)

Bomba e tubulações	129	Contrôle manual das válvulas	116
Cilindro elevador	136	Tanque e válvulas	118
Cilindro inclinador	137	Tubulações	135

Traxcavator

(Página 138)

Armação	141	Limitação do controle da elevação da caçamba	143
Caçamba	138	Posicionador da caçamba	138
Capota e protetor	142	Protetor do cárter	143
Contrôle da caçamba	139		

Acessórios

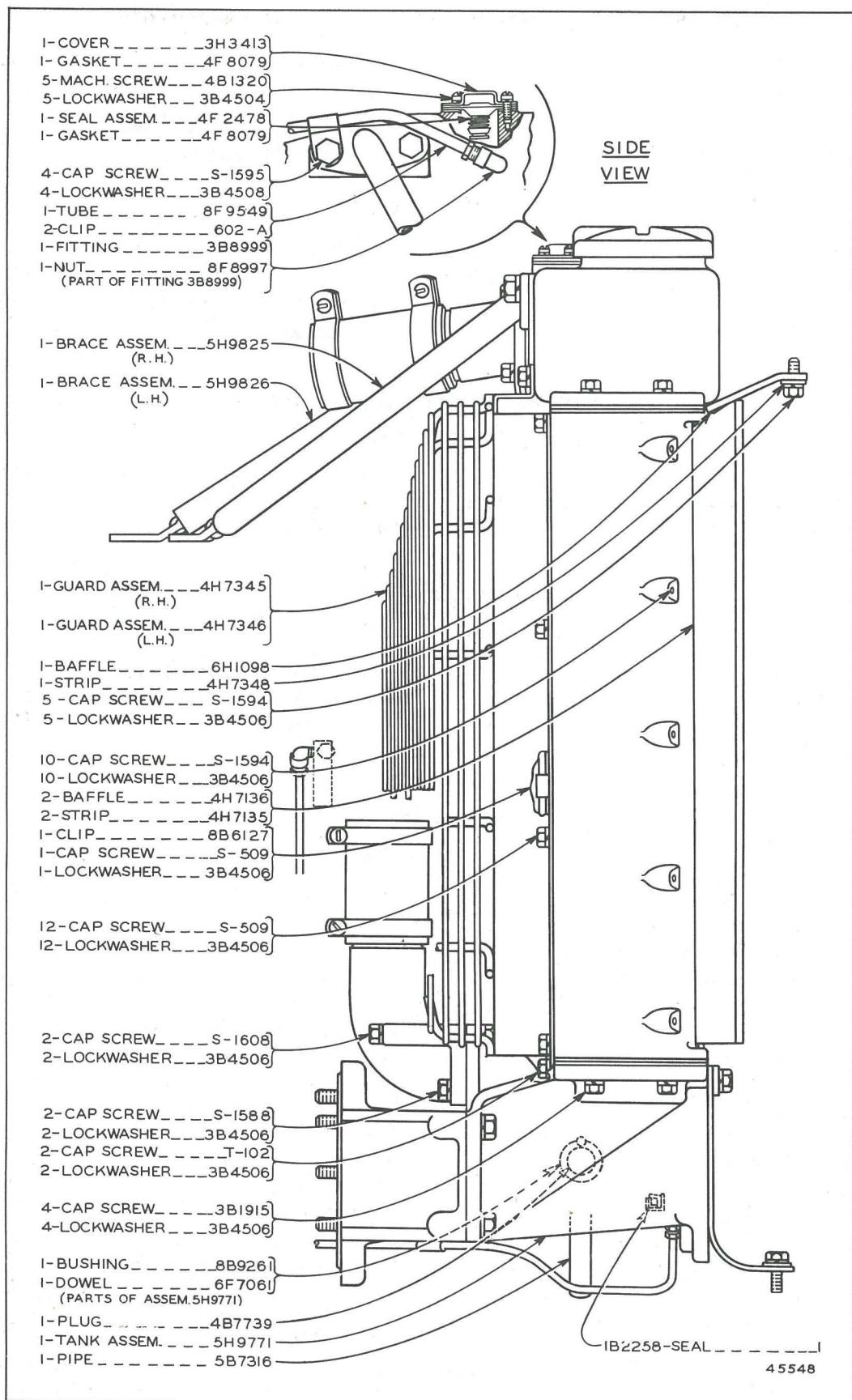
(Página 144)

Ajustadores hidráulicos de esteira	174	Dinamo	182
Armação dos rolêtes de esteira	171	Esteira	170
Barra de tração oscilante	169	Extensão—chapa aparadora	145
Bomba de purgação de combustível	212	Gancho dianteiro	168
Braçadeira superior	148	Garfo para madeira-pólpa	148
Bulldozer	213	Garfo para toras	147
Caçamba	144	Para-fagulhas	177
Caçamba de despêjo lateral	147	Protetor dos rolêtes	172
Calha para o cano de escapamento	176	Silencioso	177
Comando hidráulico	149	Sistema de iluminação de 6 volts	178
Contra-pêso	167	Sistema de iluminação de 24 volts	181
Dentes para a caçamba	146	Sistema de partida elétrica	200

Bulldozer N° 933A

(Página 214)

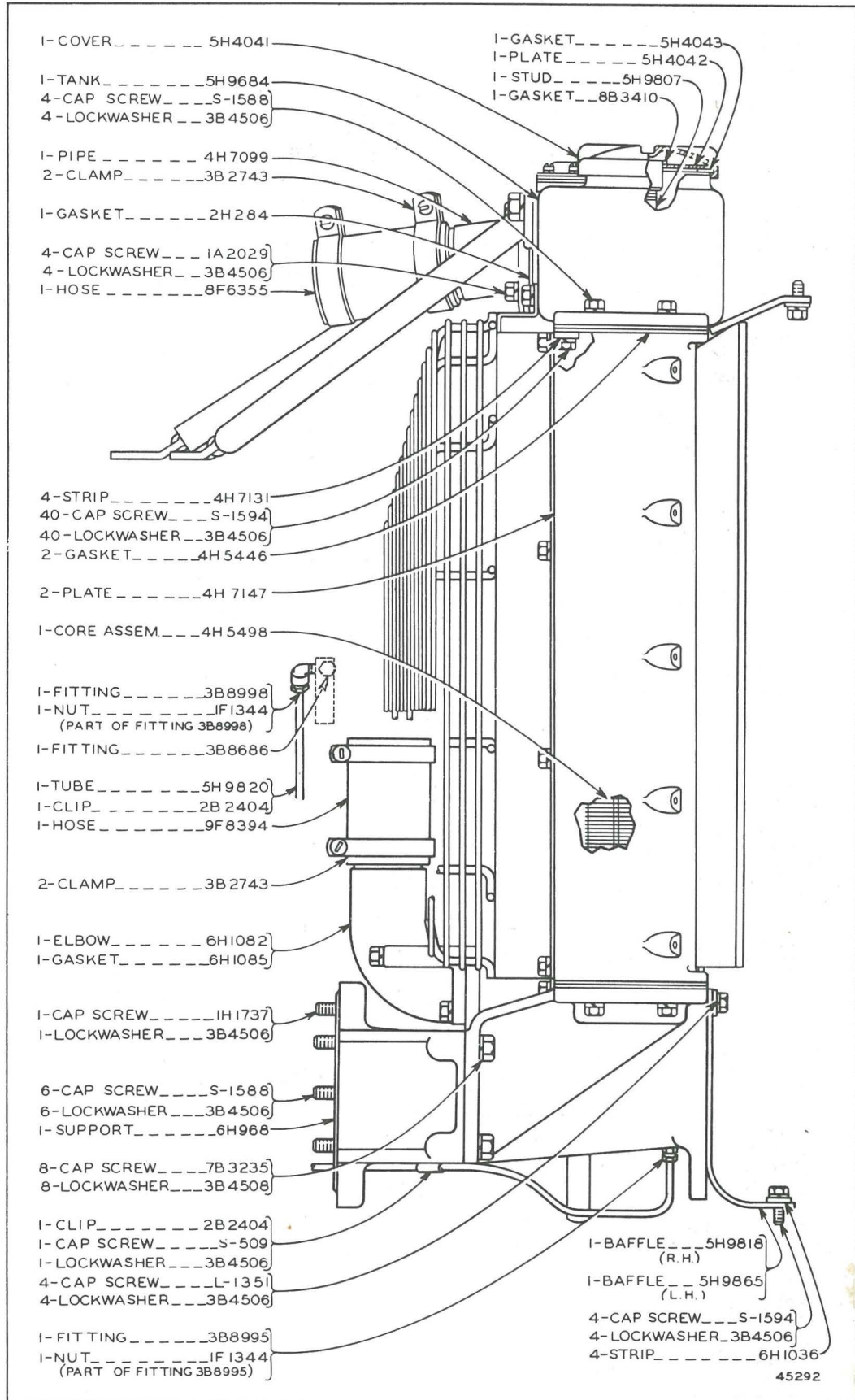
Bulldozer	214
Lâmina	215
Munhão	216

**5H9777 RADIATOR GROUP—Part One**

Serial No. 11A1 to 11A2040, 11A2044, 11A2045, 11A2064 and 11A2079 inclusive

Note: 6F6041 Rust Inhibitor is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

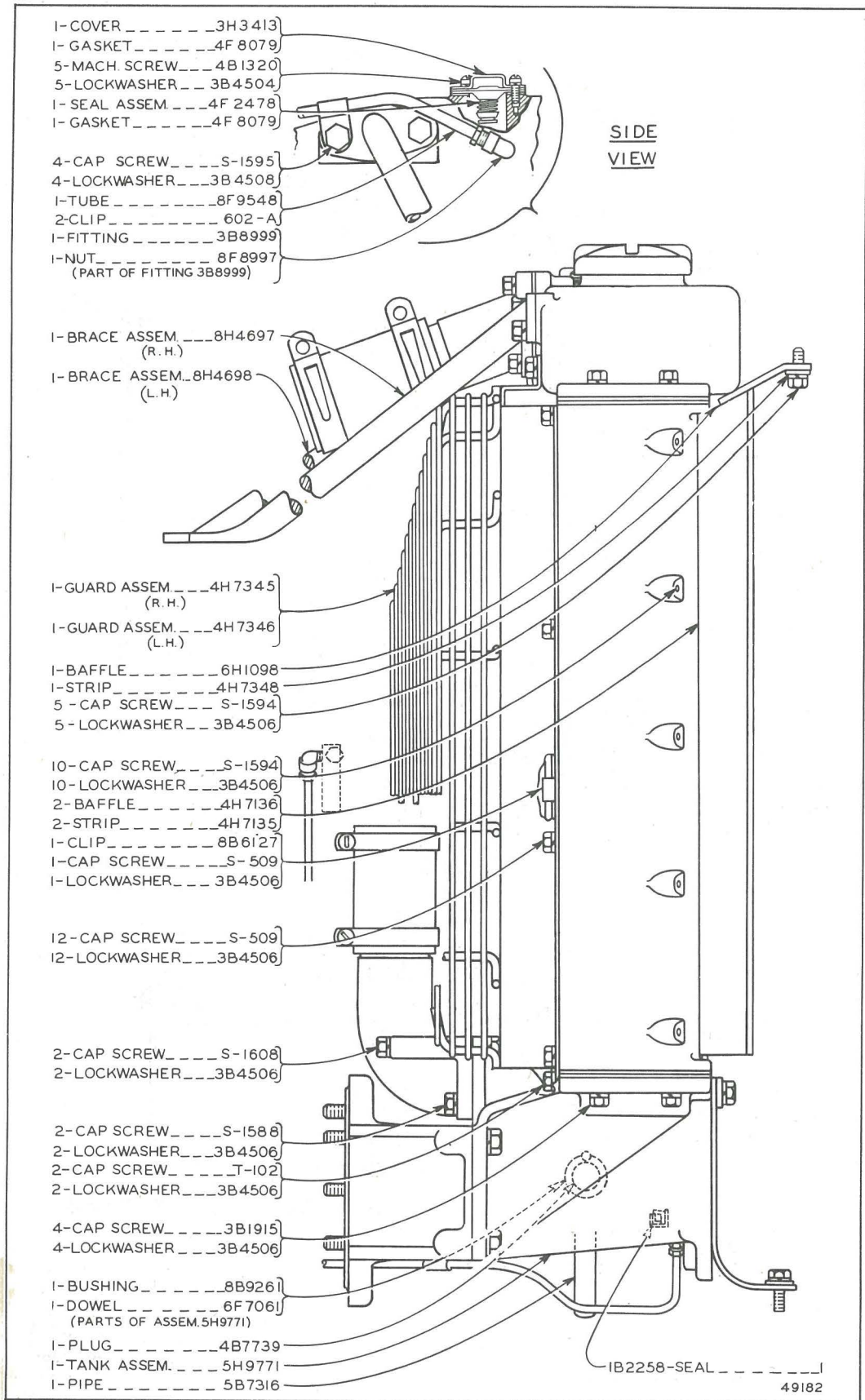


5H9777 RADIATOR GROUP—Part Two

Serial No. 11A1 to 11A2040, 11A2044, 11A2045, 11A2064 and 11A2079 inclusive

Note: 6F6041 Rust Inhibitor is available

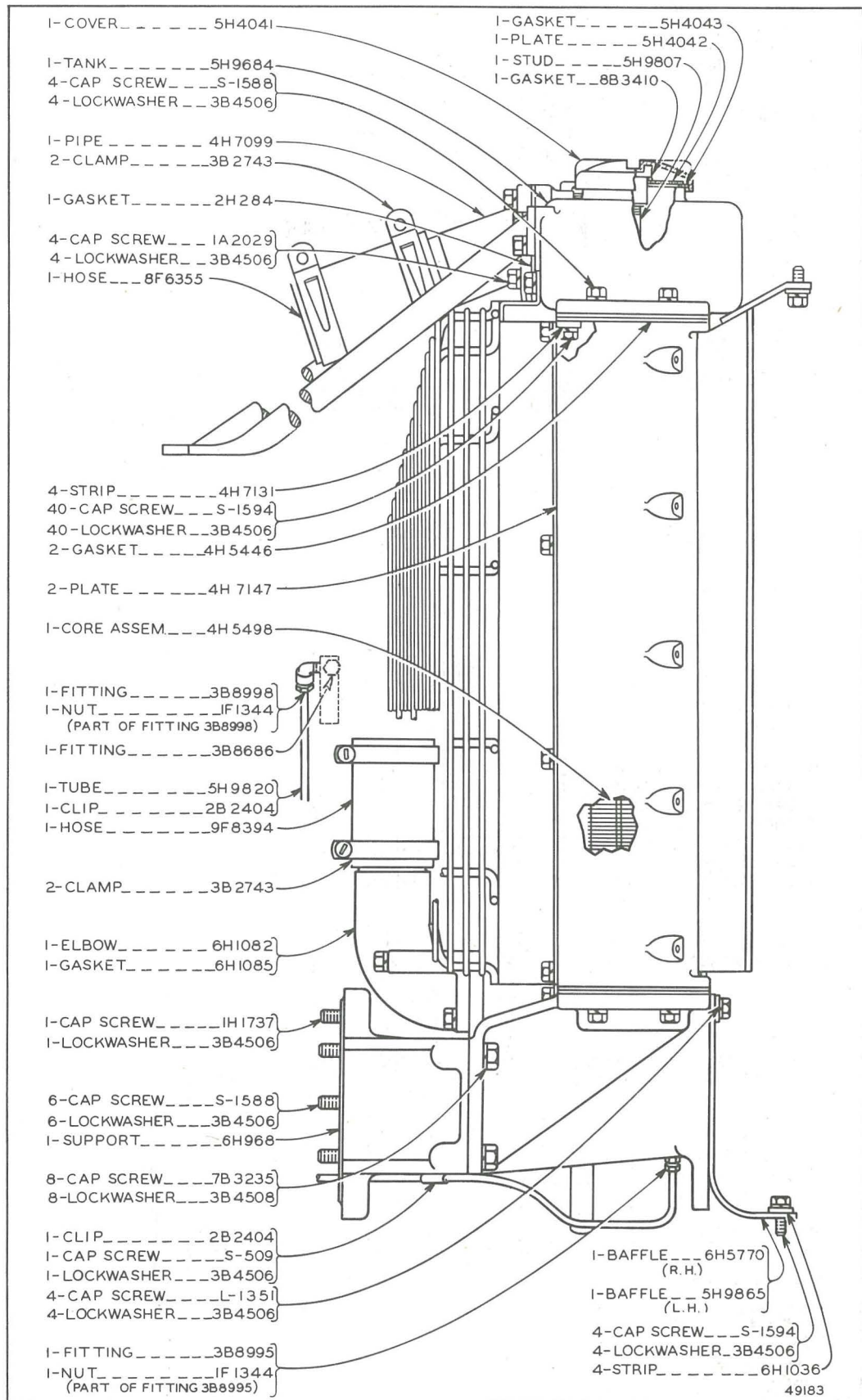
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

**5H9777 RADIATOR GROUP—Part One**

Serial No. 11A2041 to 11A2043, 11A2046 to 11A2063, 11A2065 to 11A2078 and
 11A2080 to 11A2150 inclusive

Note: 6F6041 Rust Inhibitor is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

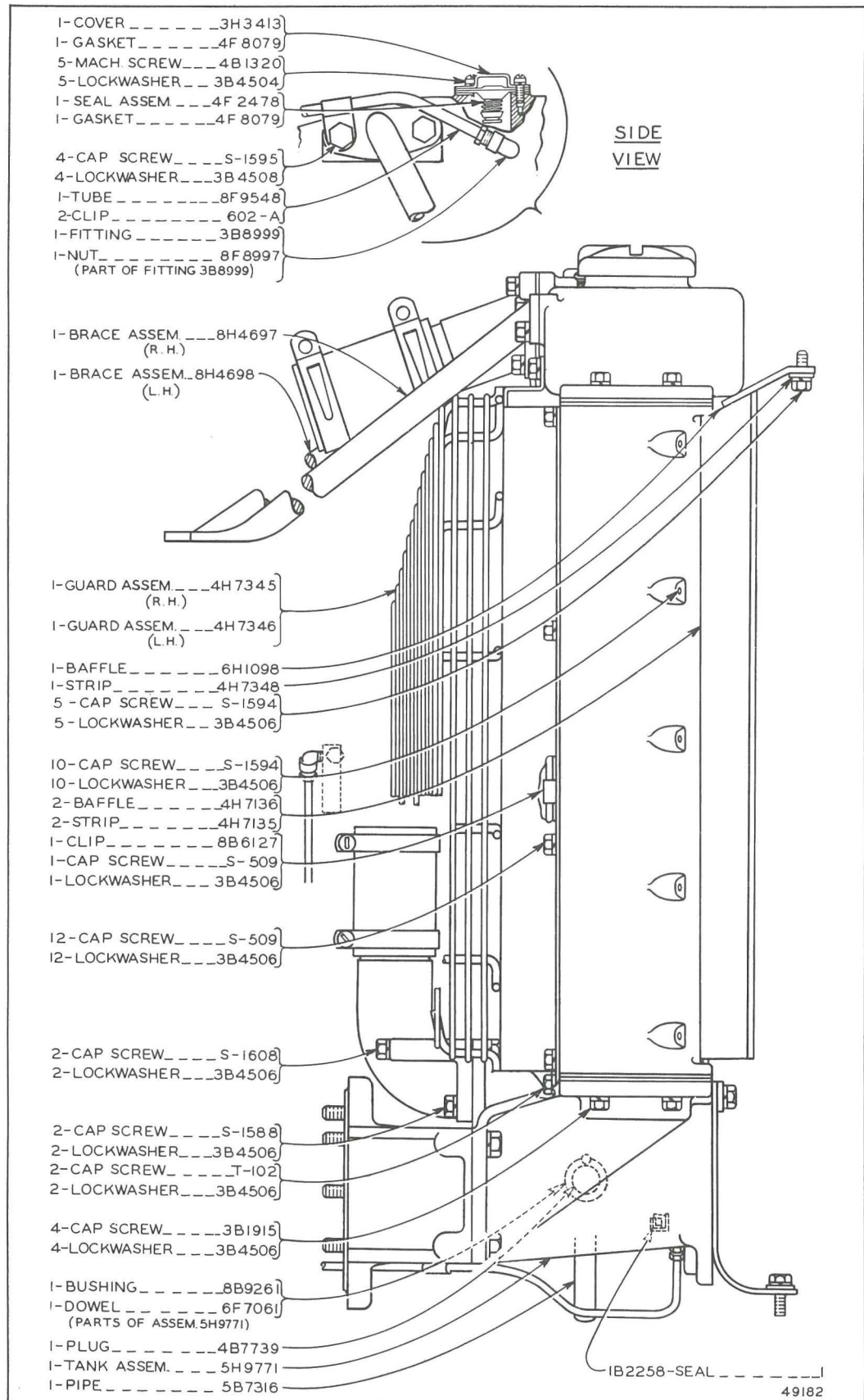


5H9777 RADIATOR GROUP—Part Two

Serial No. 11A2041 to 11A2043, 11A2046 to 11A2063, 11A2065 to 11A2078 and 11A2080 to 11A2150 inclusive

Note: 6F6041 Rust Inhibitor is available

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

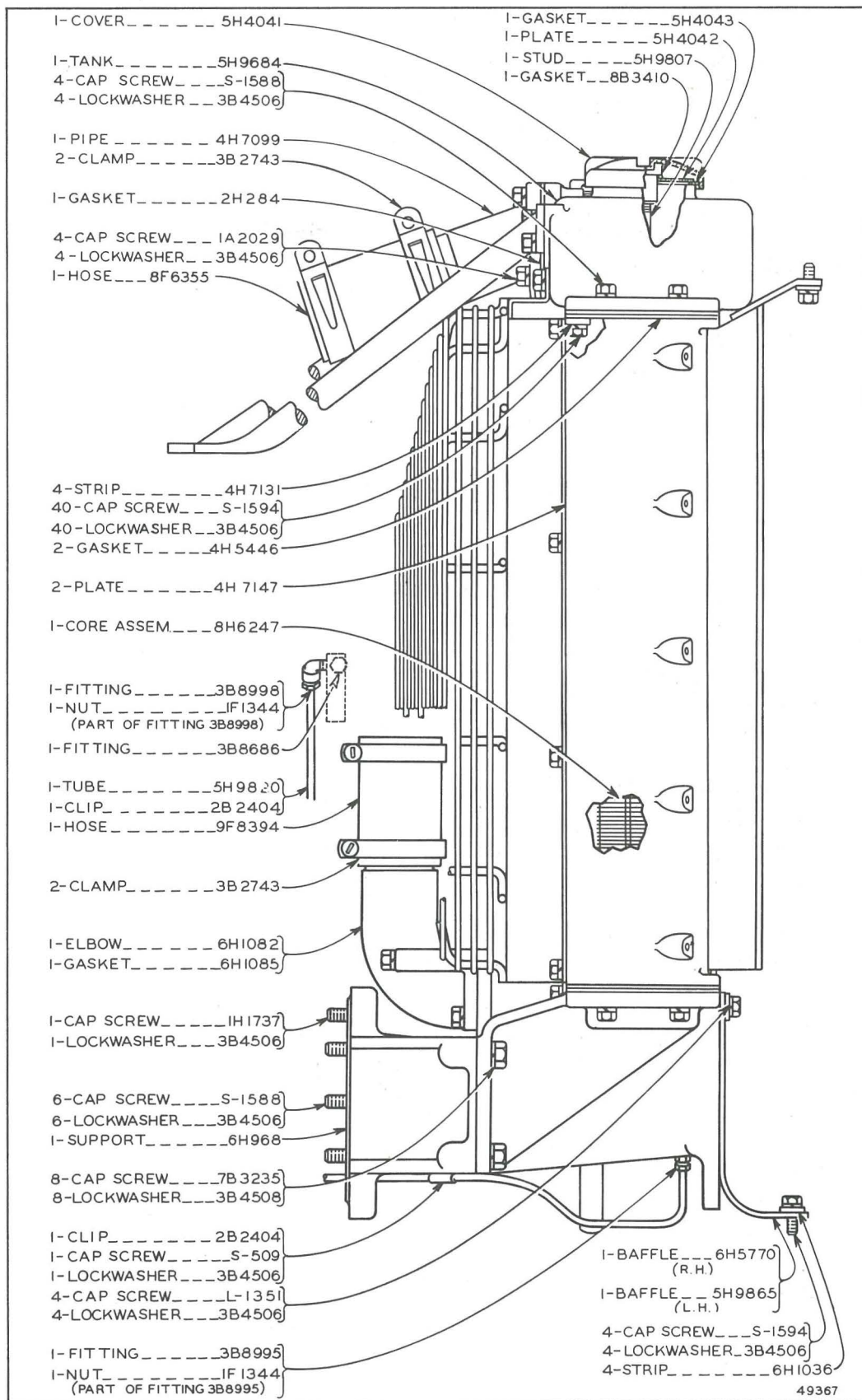


5H9777 RADIATOR GROUP—Part One

Serial No. 11A2151 to 11A2891, 11A2893, 11A2894, 11A2903 to 11A2909, 11A2912 to 11A2915, 11A2917, 11A2918, 11A2920 to 11A2925, 11A2928 to 11A2941, 11A2946, 11A2954, 11A2957, 11A2958, 11A2961 to 11A2974 and 11A2979 to 11A2981 inclusive

Note: 6F6041 Rust Inhibitor is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

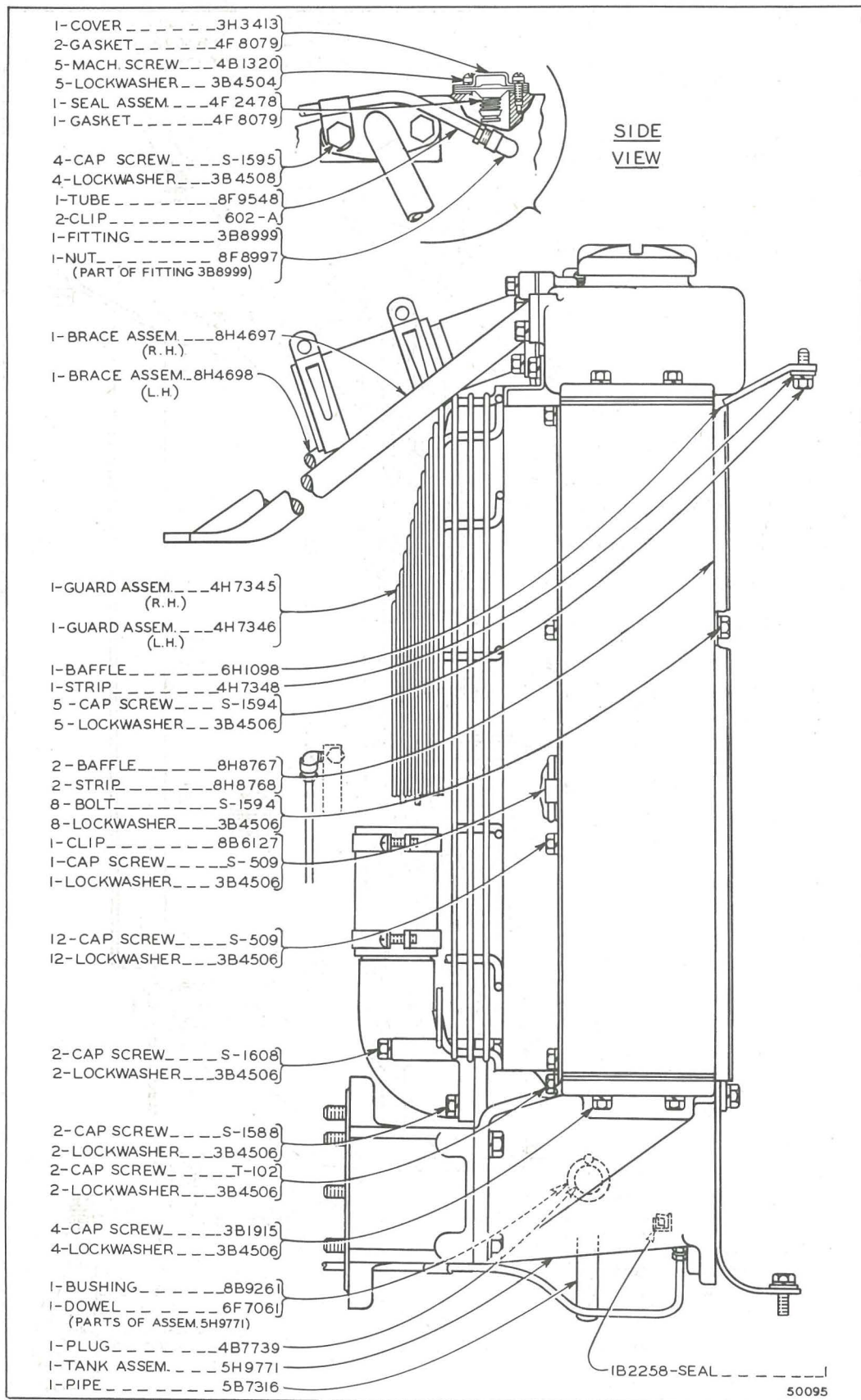


5H9777 RADIATOR GROUP—Part Two

Serial No. 11A2151 to 11A2891, 11A2893, 11A2894, 11A2903 to 11A2909, 11A2912 to 11A2915, 11A2917, 11A2918, 11A2920 to 11A2925, 11A2928 to 11A2941, 11A2946, 11A2954, 11A2957, 11A2958, 11A2961 to 11A2974 and 11A2979 to 11A2981 inclusive

Note: 6F6041 Rust Inhibitor is available

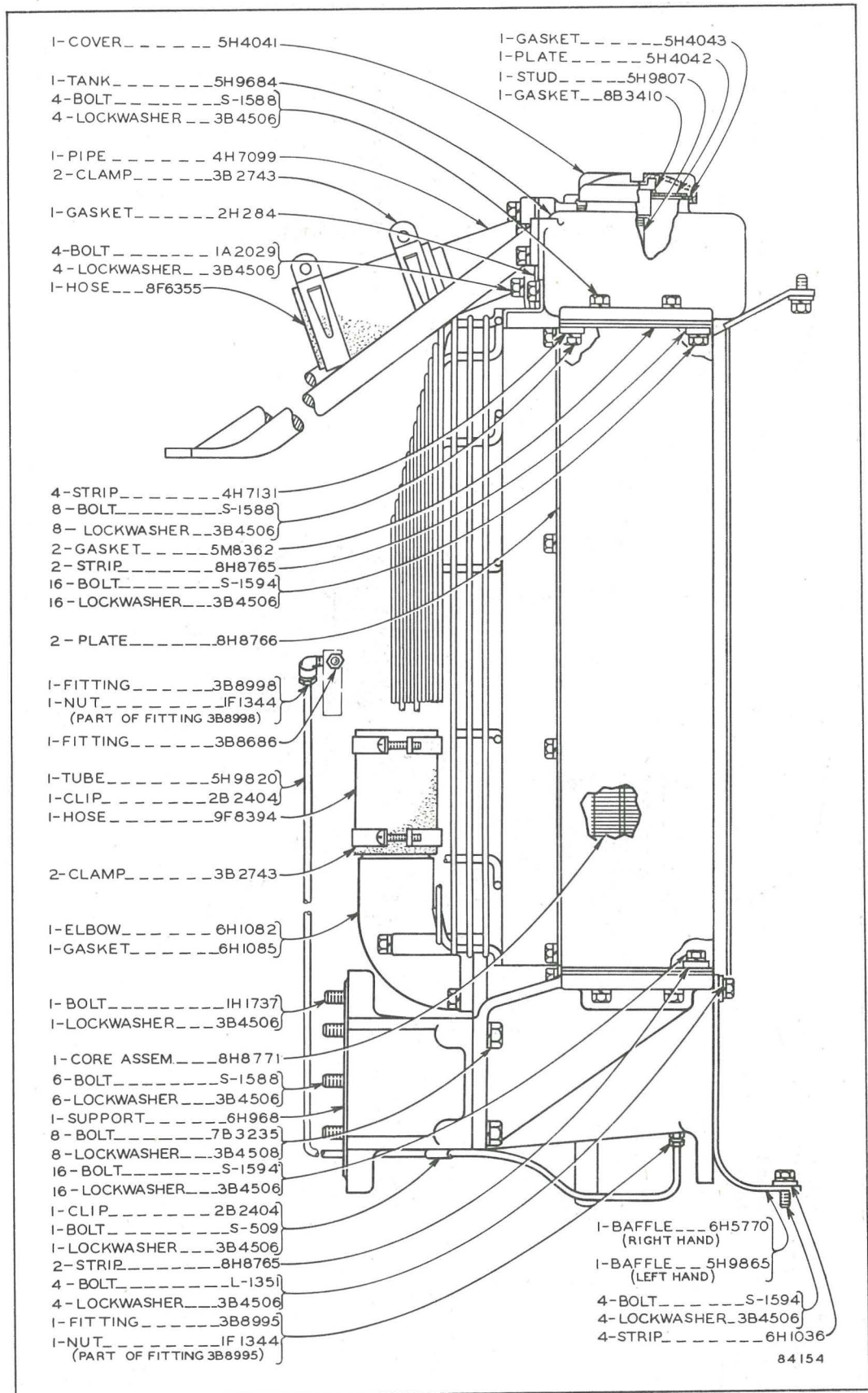
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



5H9777 RADIATOR GROUP—Part One

Serial No. 11A2892, 11A2895 to 11A2902, 11A2910, 11A2911, 11A2916, 11A2919, 11A2926, 11A2927, 11A2942 to 11A2945, 11A2947 to 11A2953, 11A2955, 11A2956, 11A2959, 11A2960, 11A2975 to 11A2978 and 11A2982—Up. Note: 6F6041 Rust Inhibitor is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



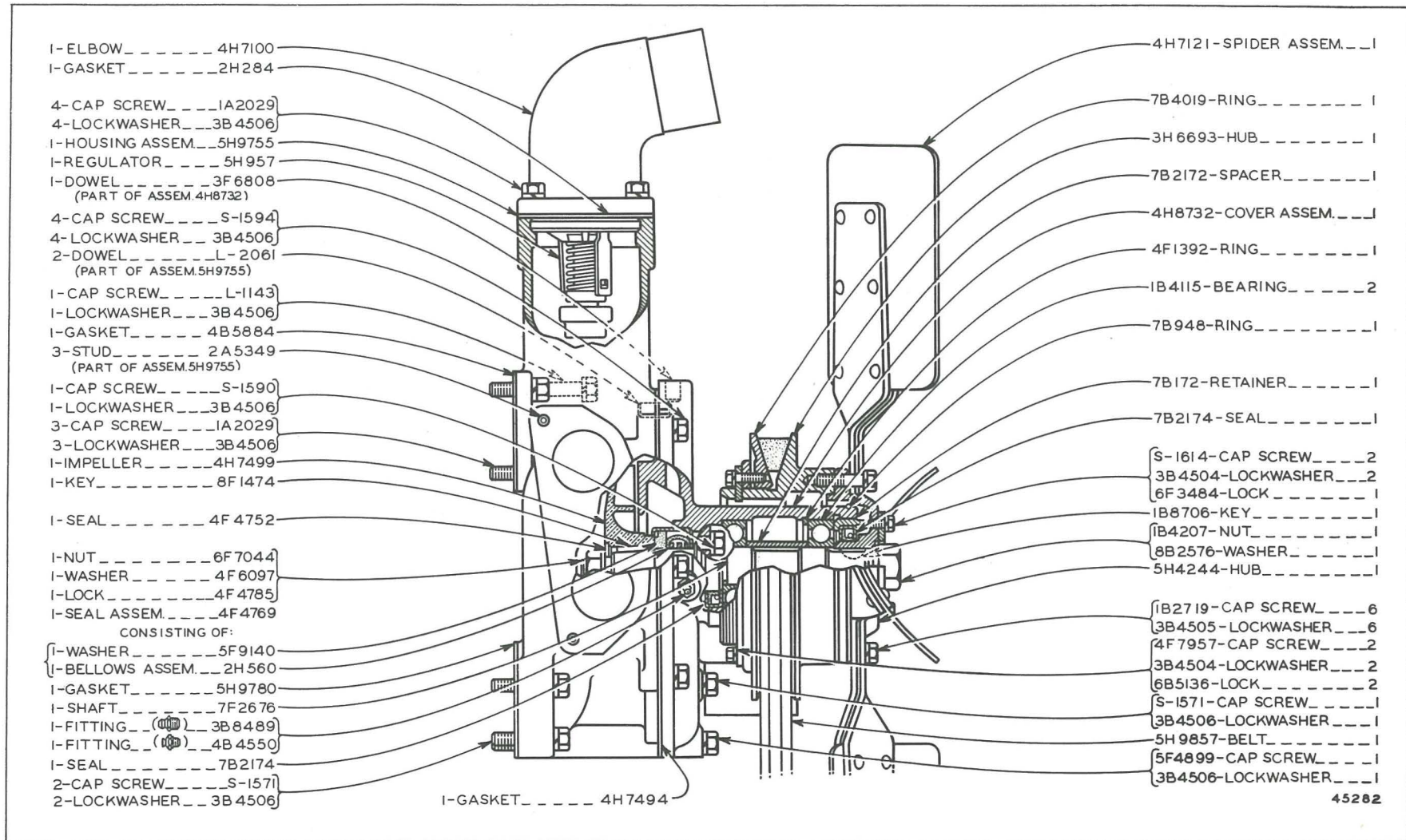
84154

5H9777 RADIATOR GROUP—Part Two

Serial No. 11A2892, 11A2895 to 11A2902, 11A2910, 11A2911, 11A2916, 11A2919, 11A2926, 11A2927, 11A2942 to 11A2945, 11A2947 to 11A2953, 11A2955, 11A2956, 11A2959, 11A2960, 11A2975 to 11A2978 and 11A2982—Up. Note: 6F6041 Rust Inhibitor is available

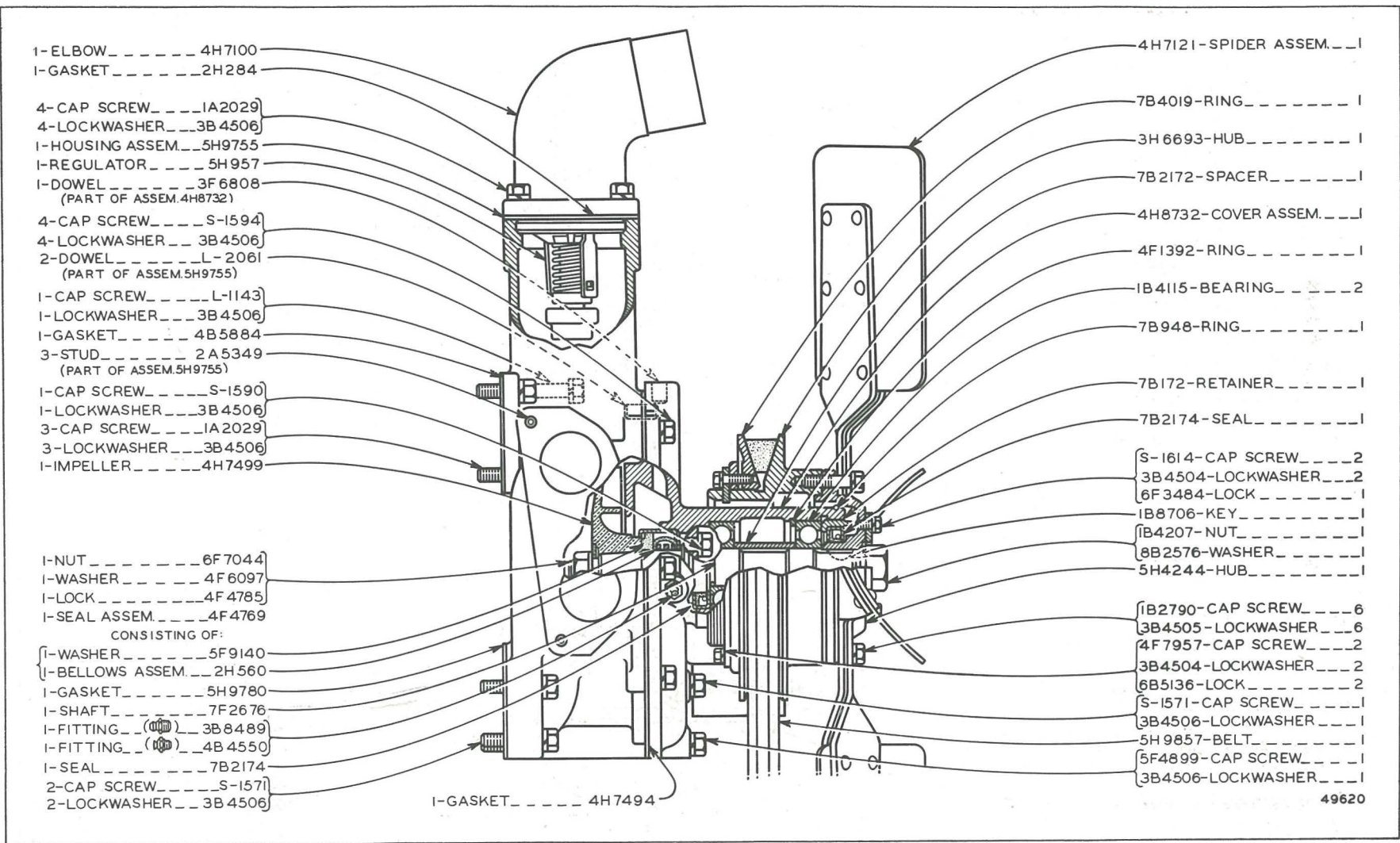
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



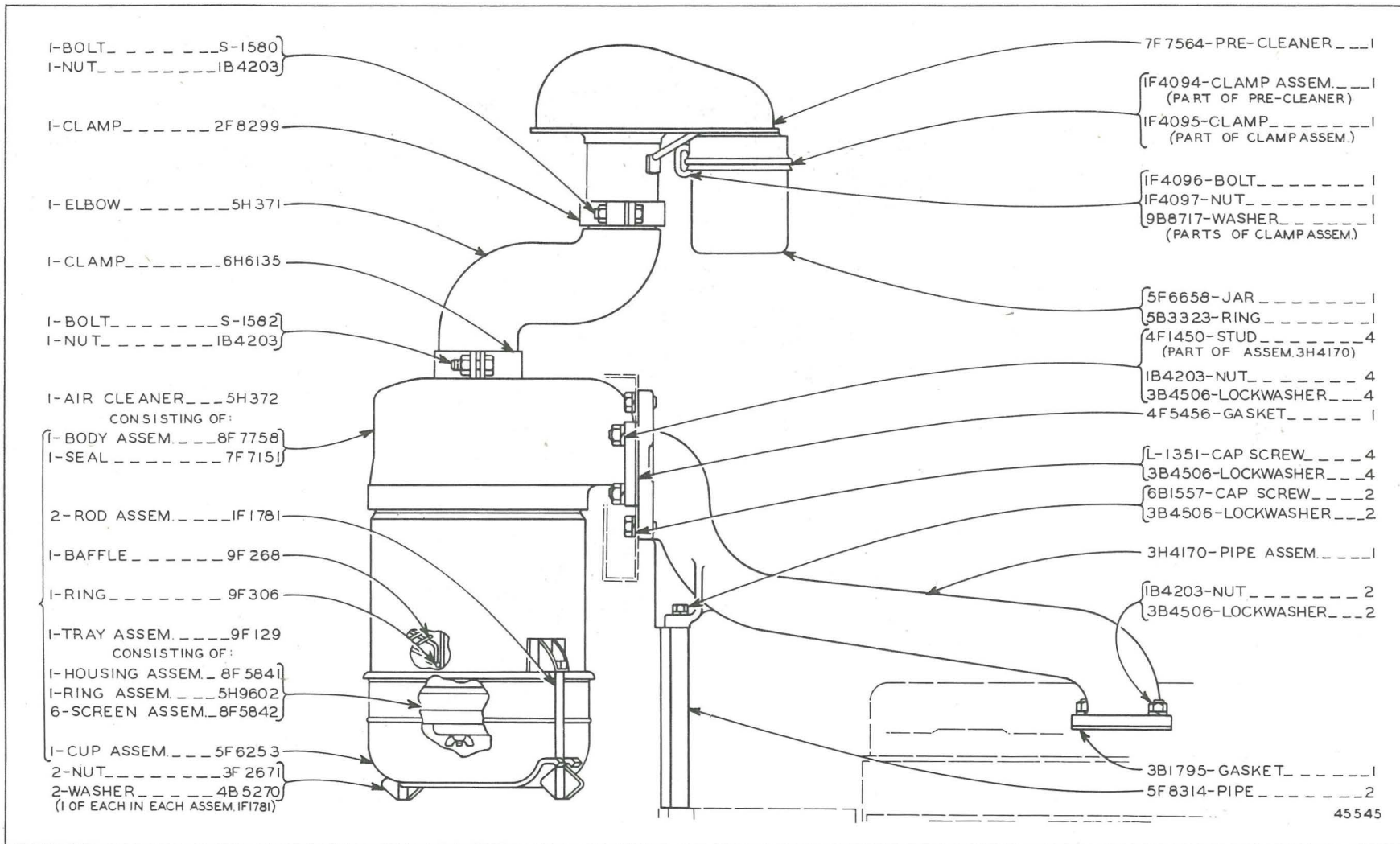
5H9800 FAN AND WATER PUMP GROUP
 Serial No. 11A1 to 11A2446 and 11A2449 inclusive
 Note: 9H1155 Water Pump Gasket Group is available

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



DIESEL ENGINE

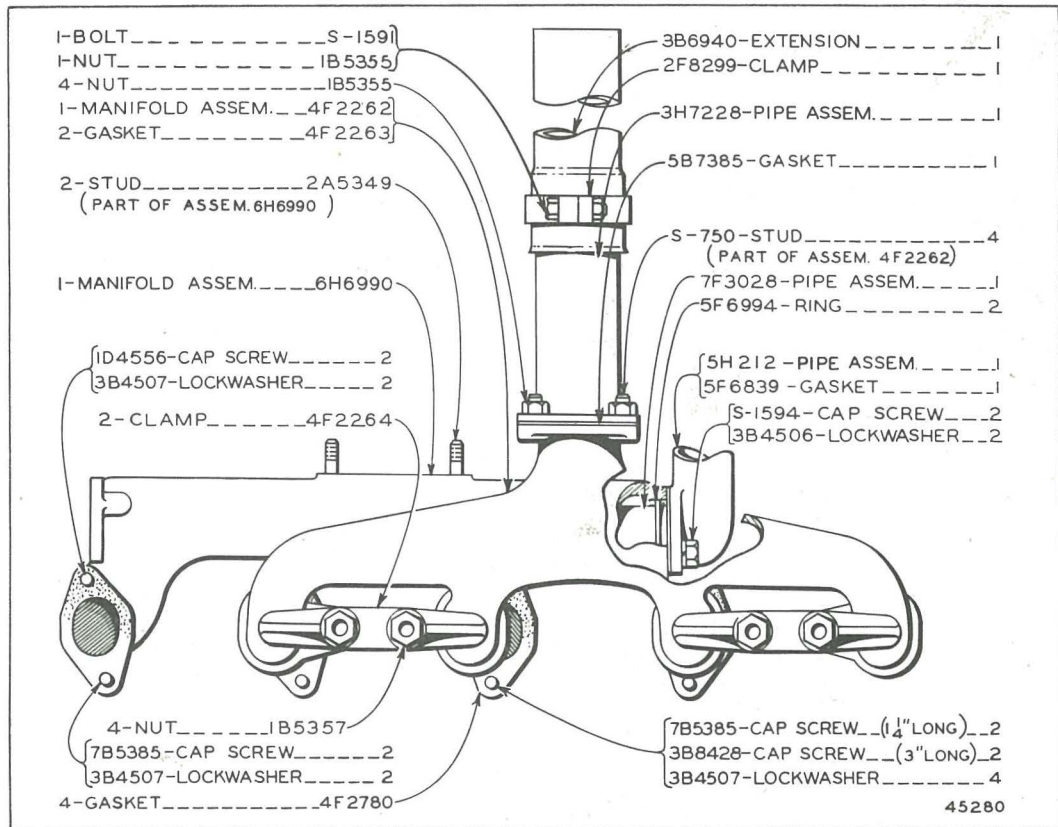
5H9800 FAN AND WATER PUMP GROUP
 Serial No. 11A2447, 11A2448 and 11A2450-Up
 Note: 9H1155 Water Pump Gasket Group is available



45545

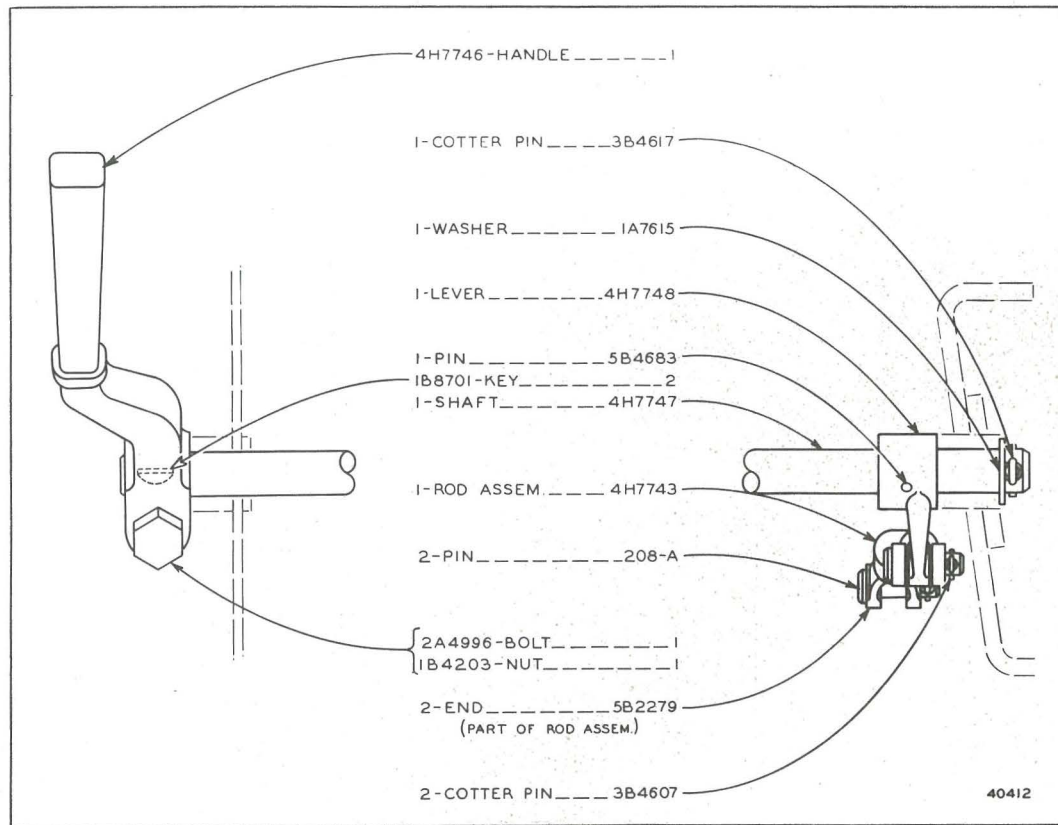
AIR CLEANER

Note: 8F6713 Precleaner is available. For use on operations where there is a possibility of foreign material other than dust being drawn into the Air Cleaner Refer also to Page 210 for special parts



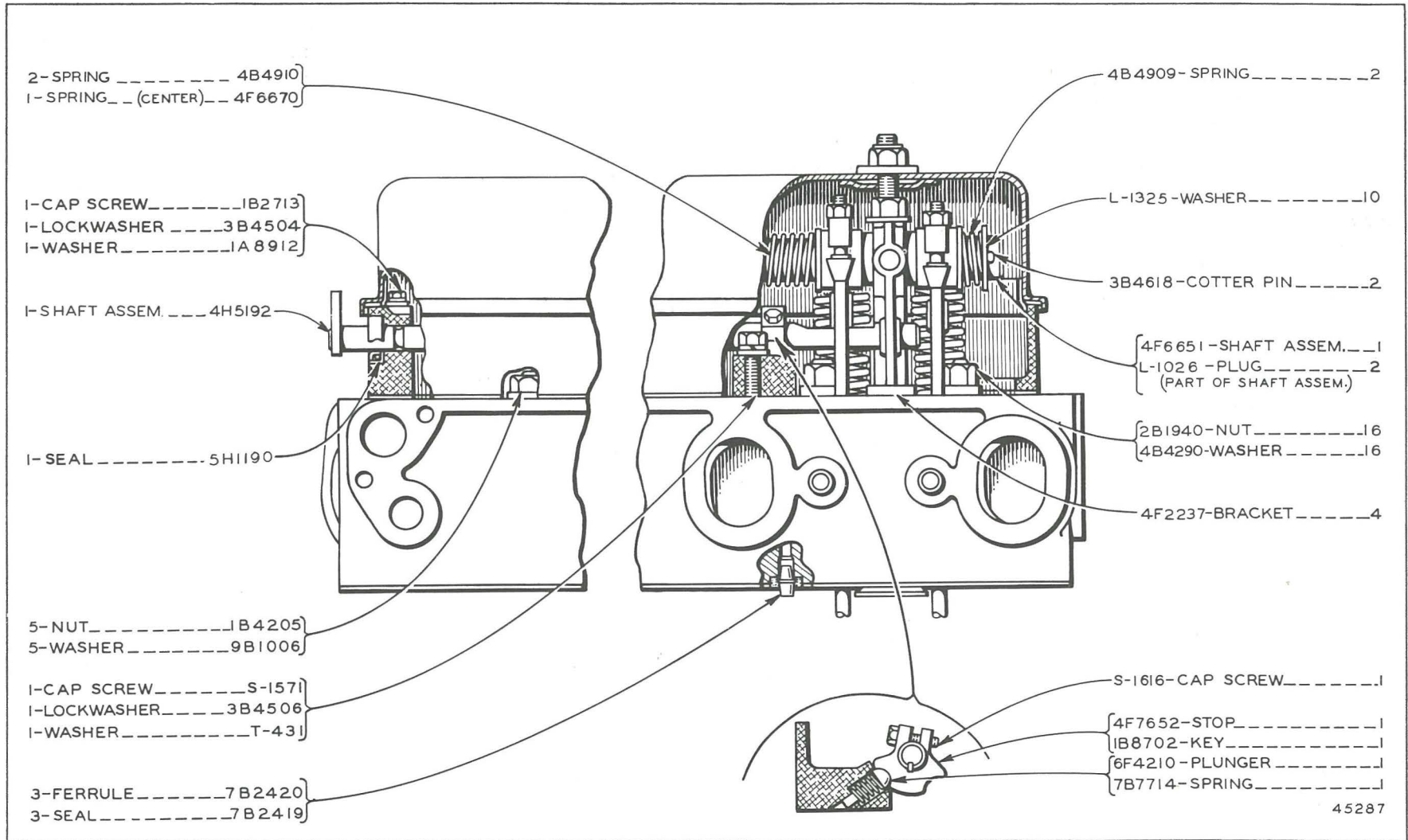
MANIFOLDS

Note: 6H8151 Rain Cap Assembly is available

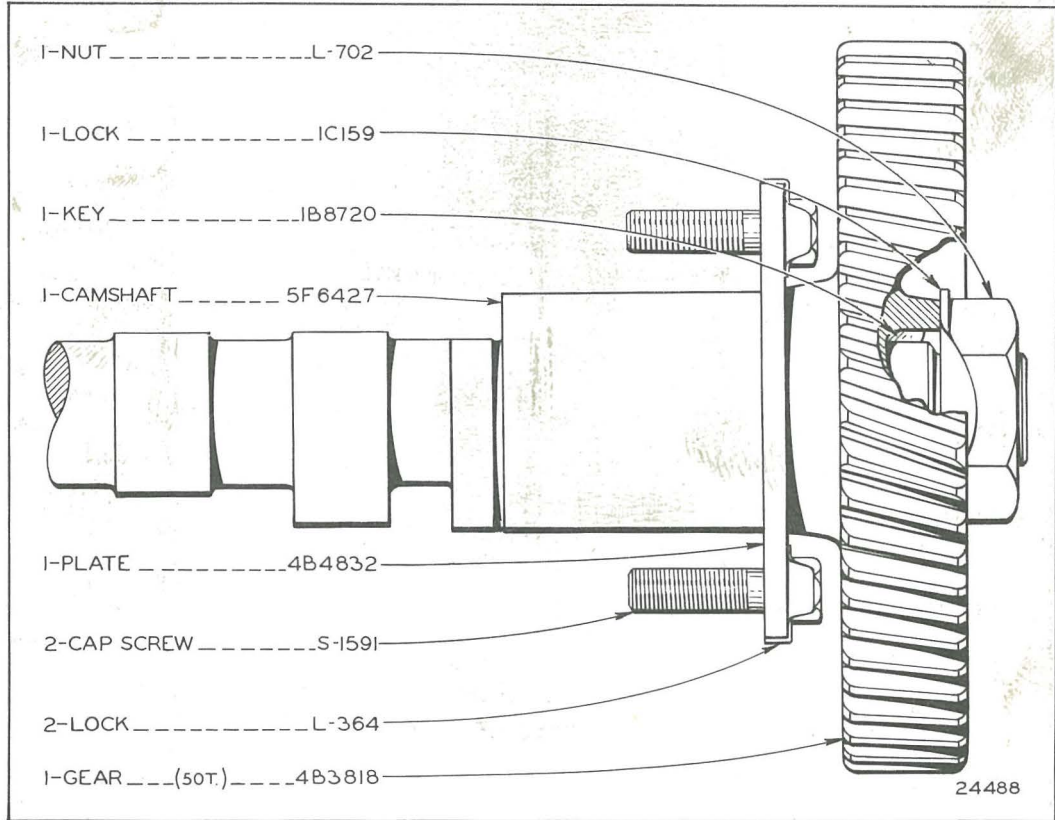


COMPRESSION RELEASE CONTROL

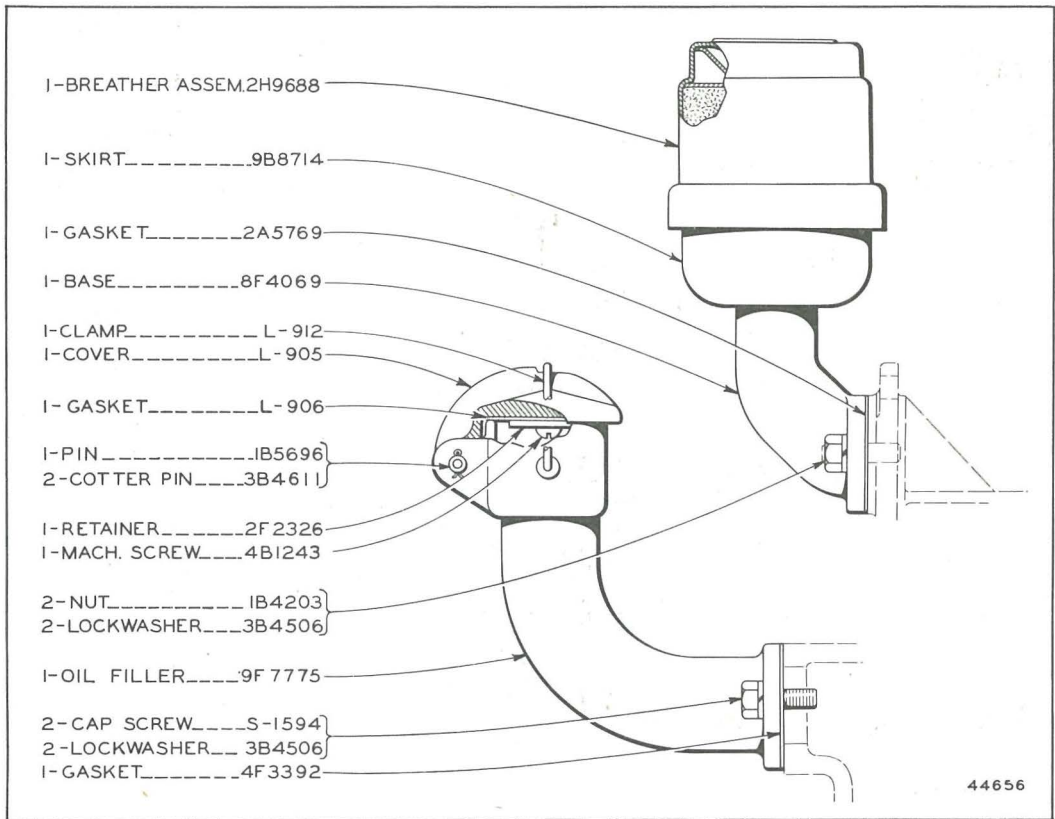
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



CYLINDER HEAD AND VALVE MECHANISM—Side View
 Note: 2H5082 Valve Grinding Gasket Group is available

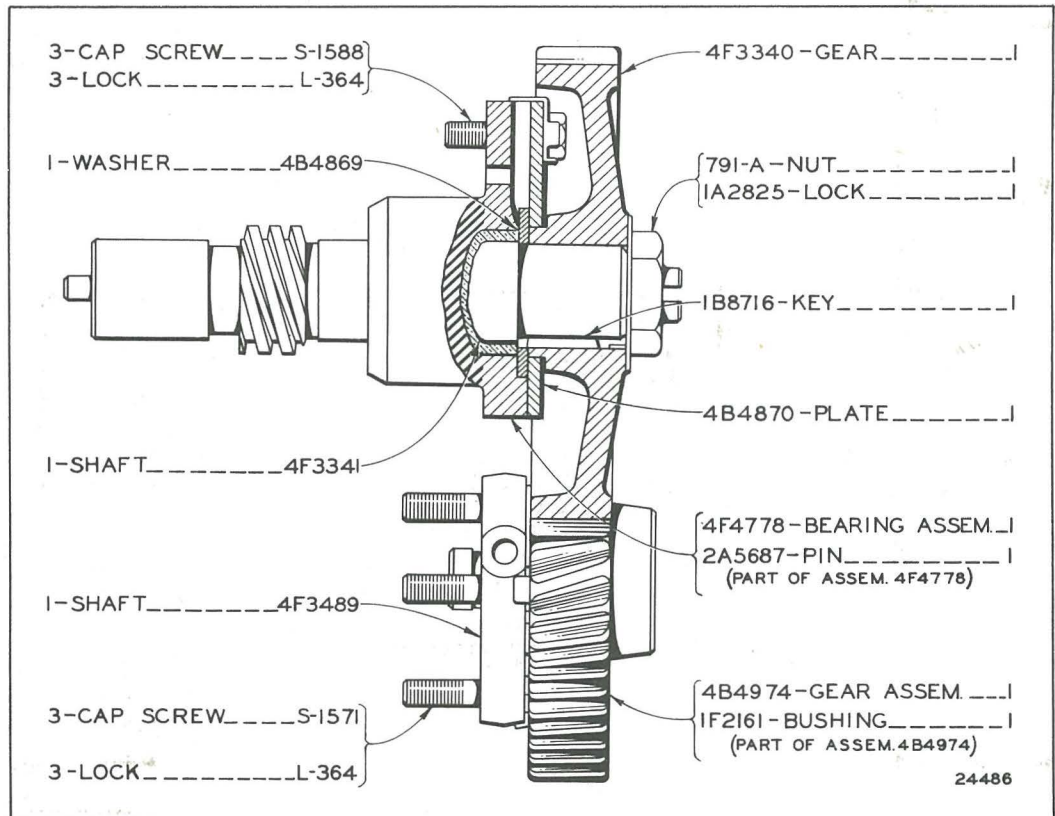


CAMSHAFT

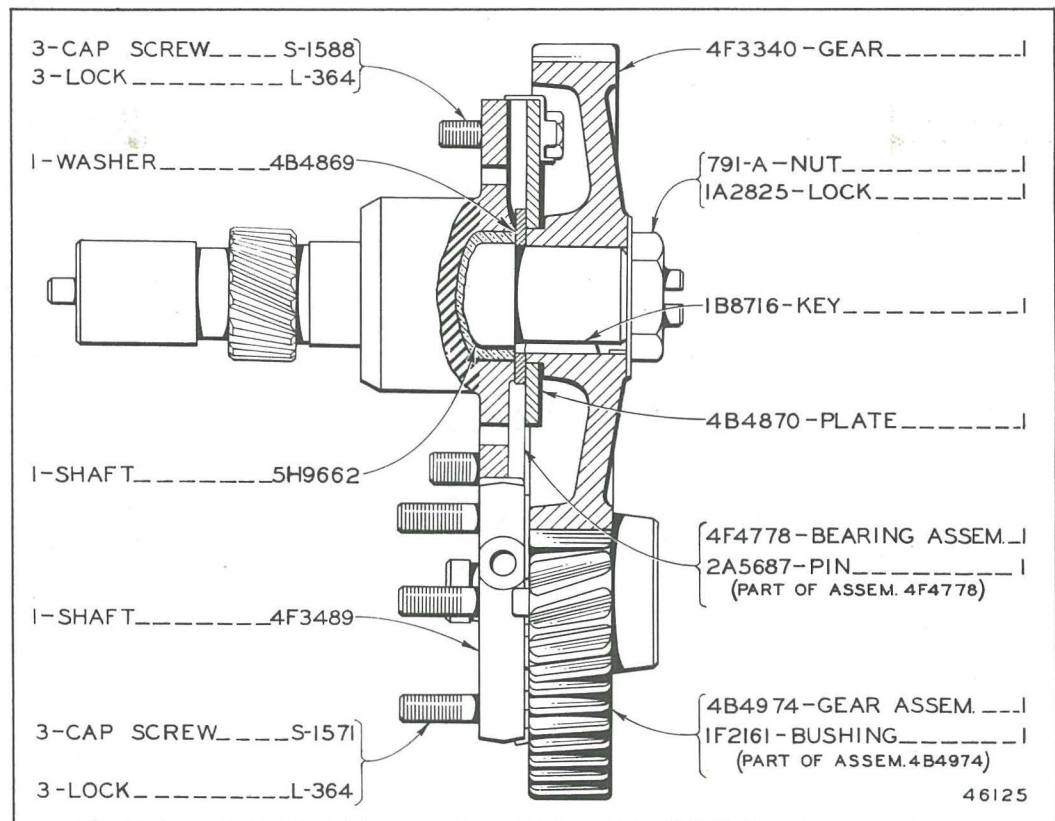


BREATHER AND OIL FILLER

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

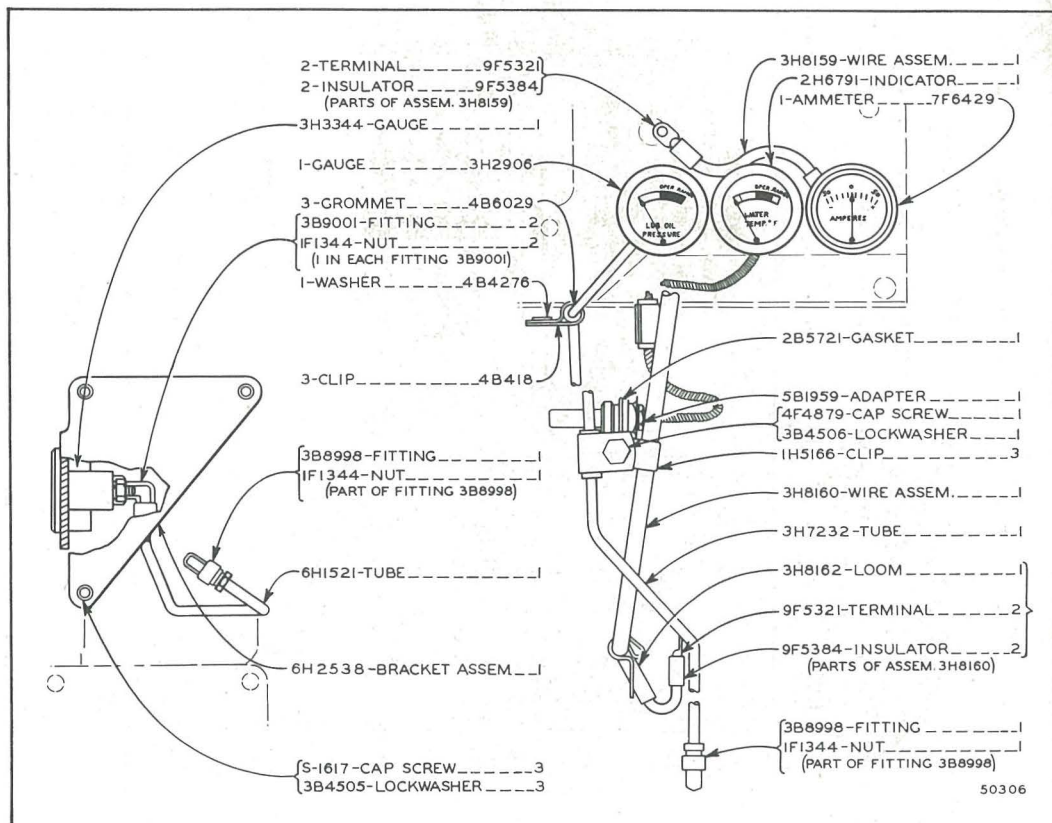


ACCESSORY SHAFT AND IDLER GEAR
Serial No. 11A1 to 11A804 inclusive

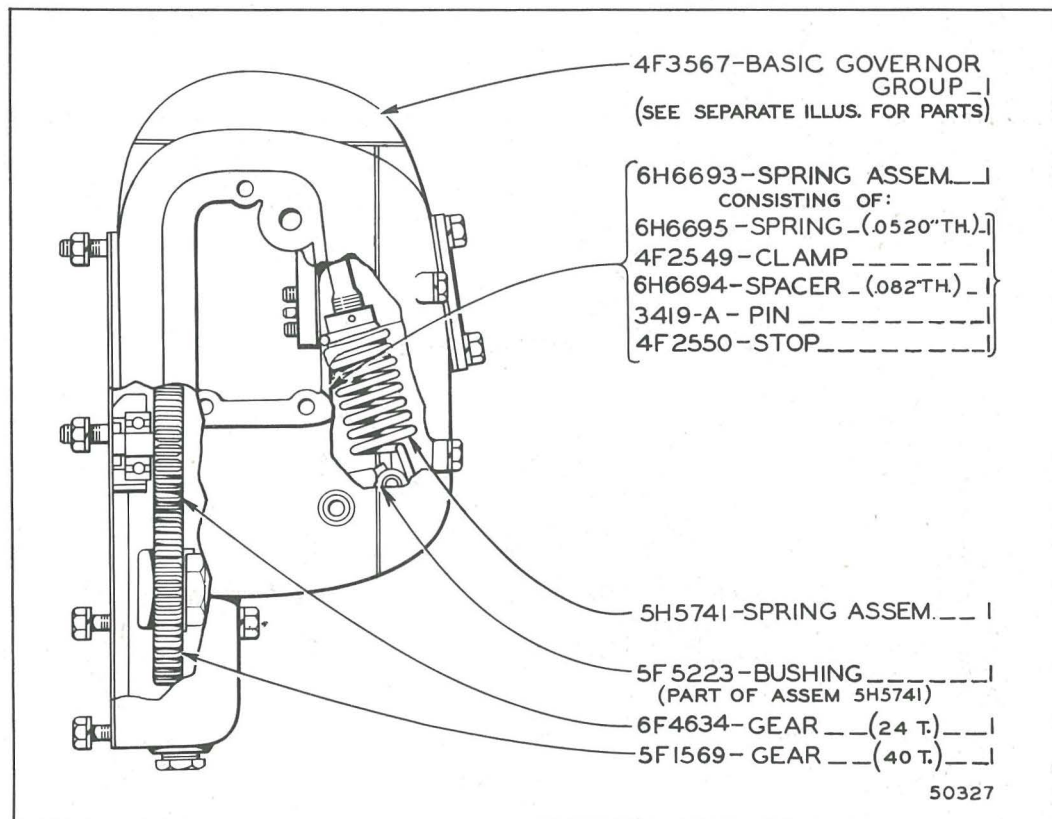


ACCESSORY SHAFT AND IDLER GEAR
Effective with Serial No. 11A805

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



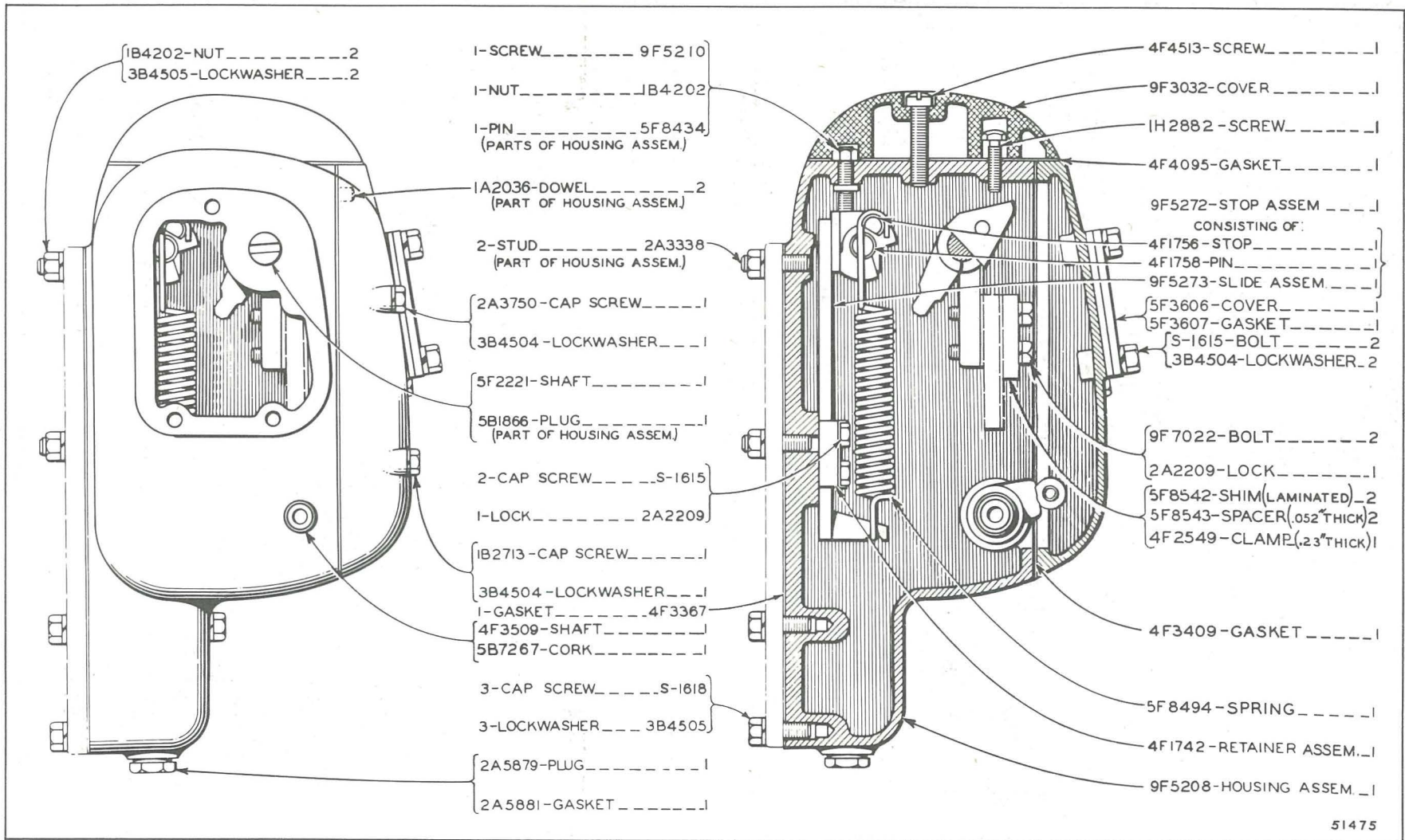
OIL GAUGE, FUEL GAUGE AND HEAT INDICATOR



6H6696 COMPLETE GOVERNOR GROUP
 4F3567 Basic Governor Group parts, are shown on Pages 34 and 35

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

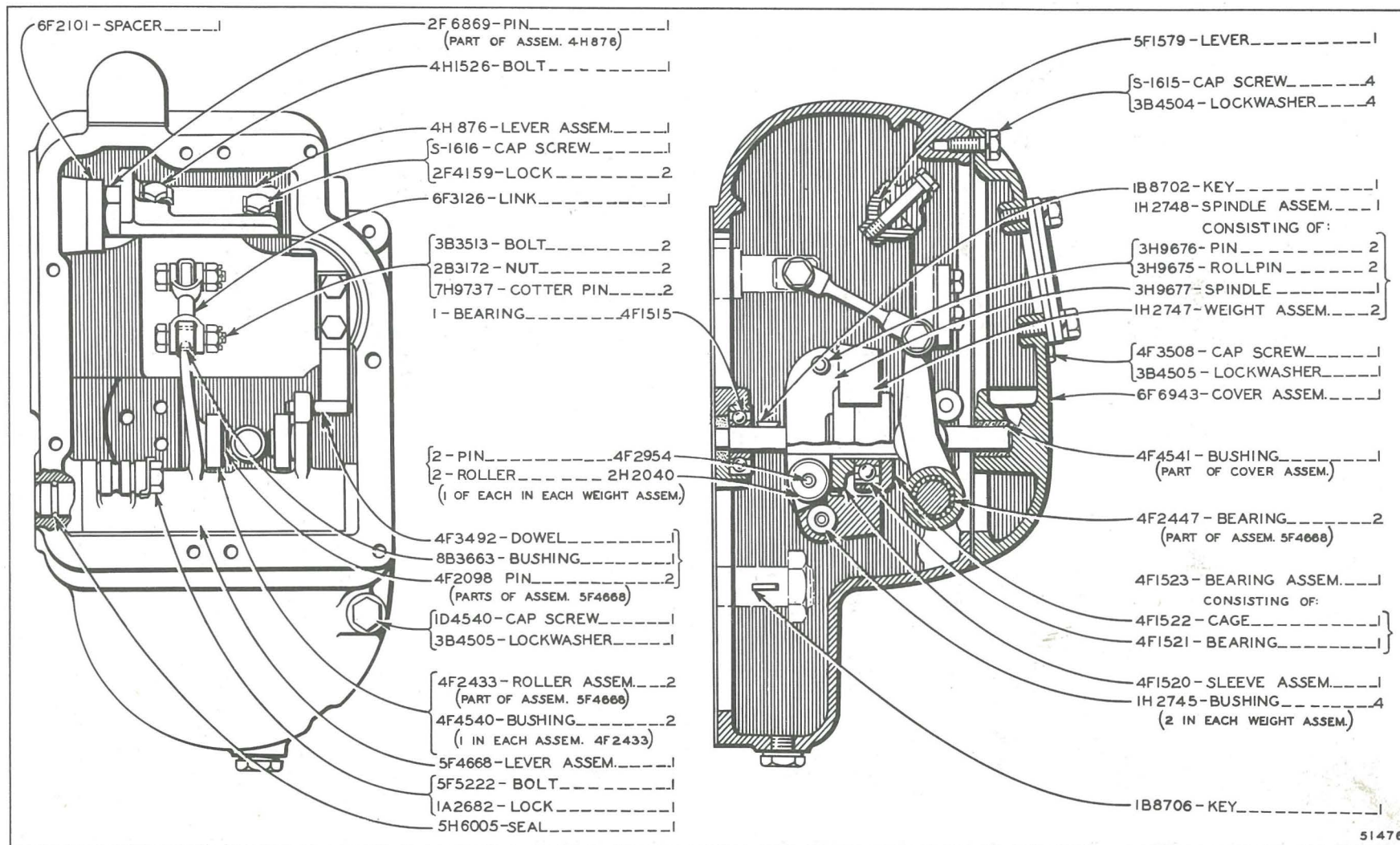
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



51475

4F3567 BASIC GOVERNOR GROUP—Part One
Part of 6H6696 Complete Governor Group shown on Page 33

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

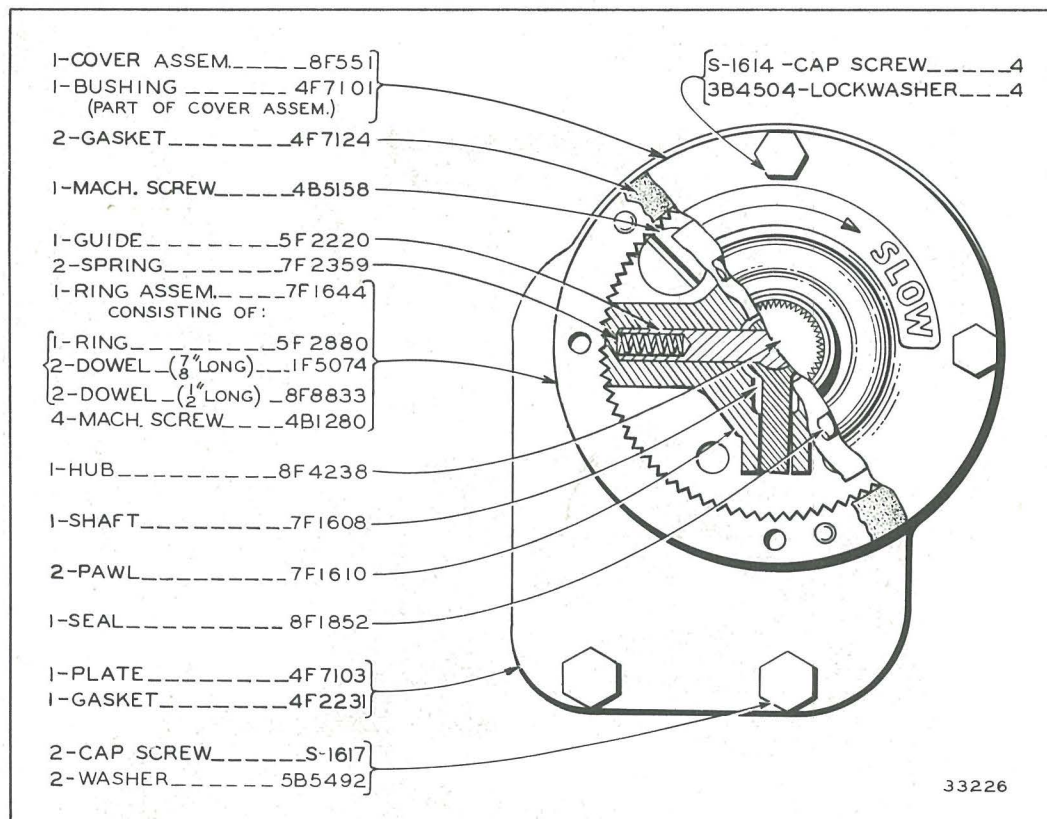


DIESEL ENGINE

35

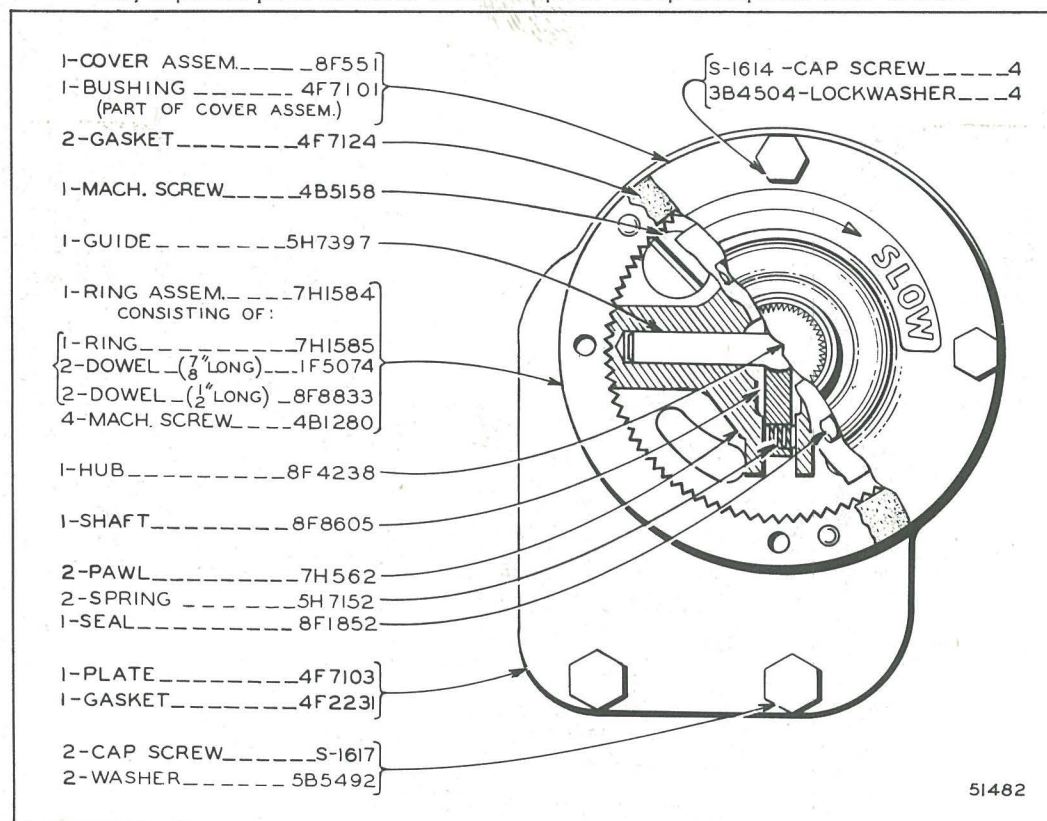
51476

4F3567 BASIC GOVERNOR GROUP—Part Two
Part of 6H6696 Complete Governor Group shown on Page 33

**5F8592 GOVERNOR CONTROL GROUP—Positive Locking**

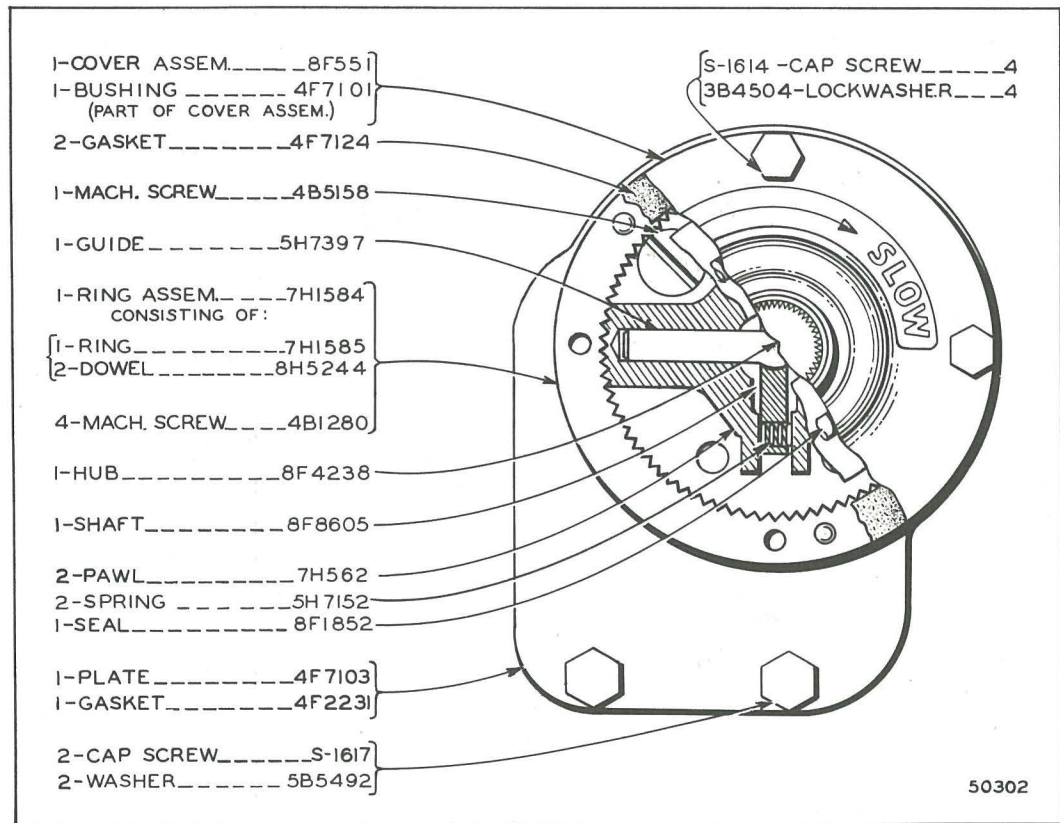
Serial No. 11A1 to 11A687 inclusive

Only separate parts serviced. When complete Group is required order 5H8033

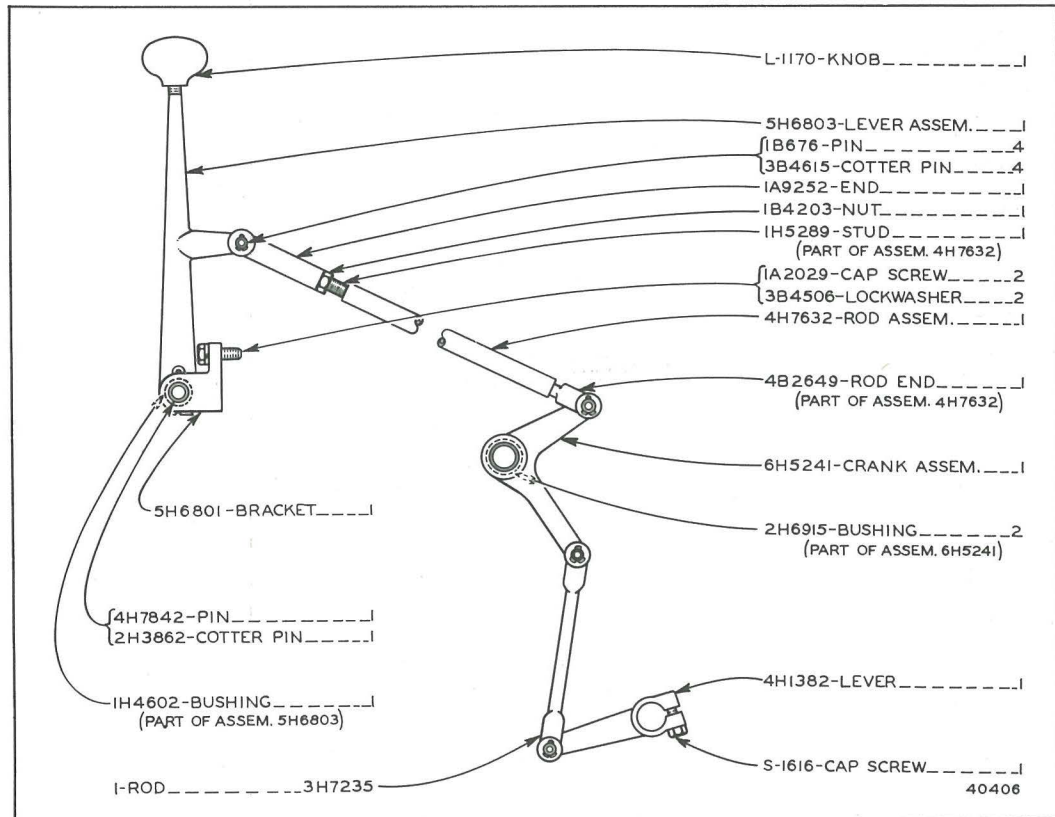
**5H8033 GOVERNOR CONTROL GROUP—Positive Locking**

Serial No. 11A688 to 11A2814 and 11A2816 to 11A2818 inclusive

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

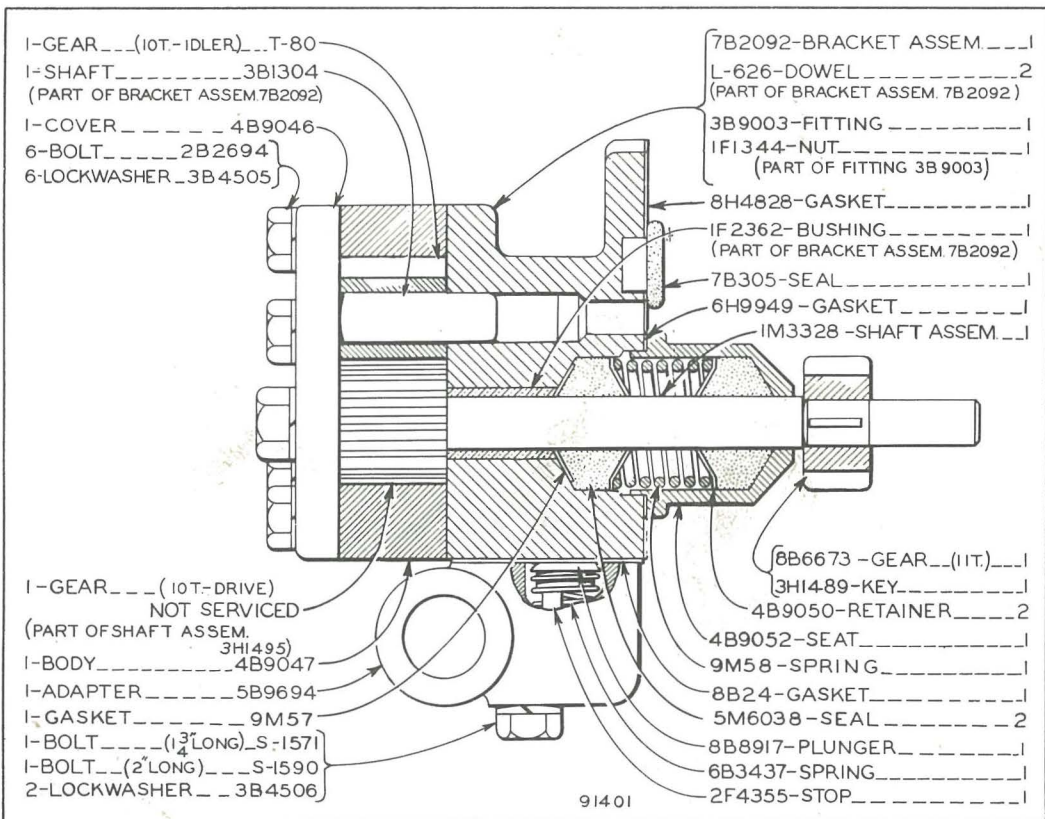


5H8033 GOVERNOR CONTROL GROUP—Positive Locking
 Serial No. 11A2815 and 11A2819—Up

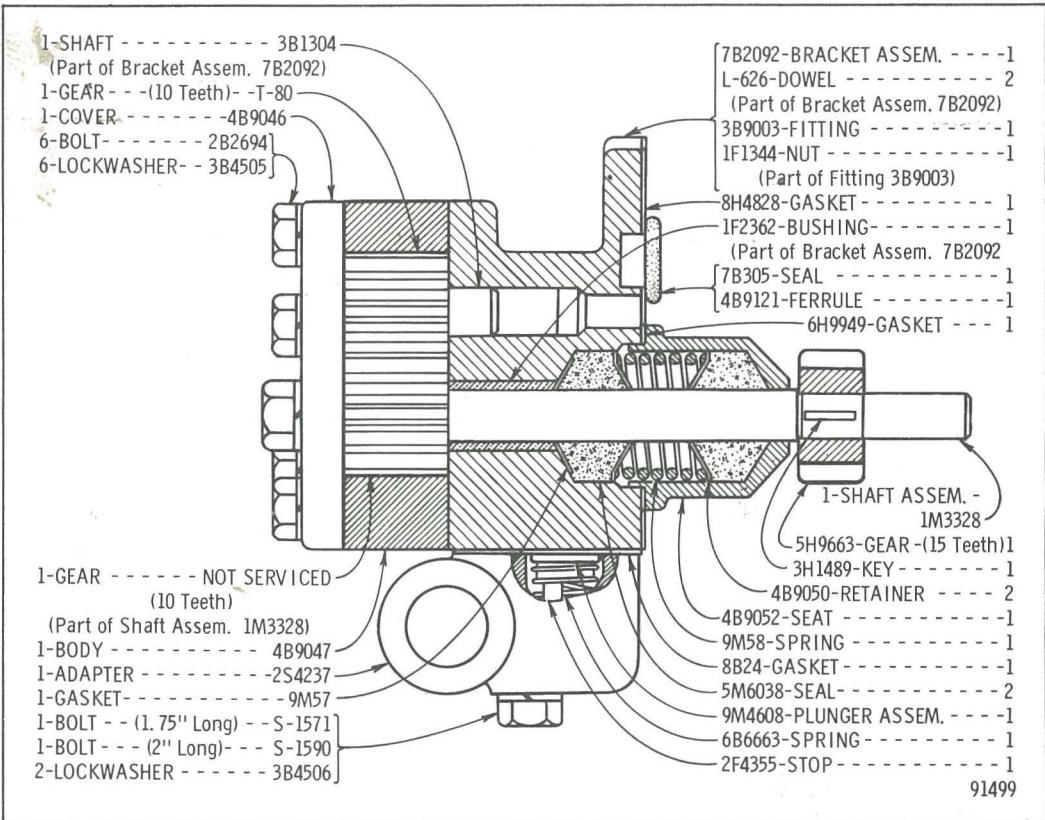


FUEL PUMP AND GOVERNOR CONTROL

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

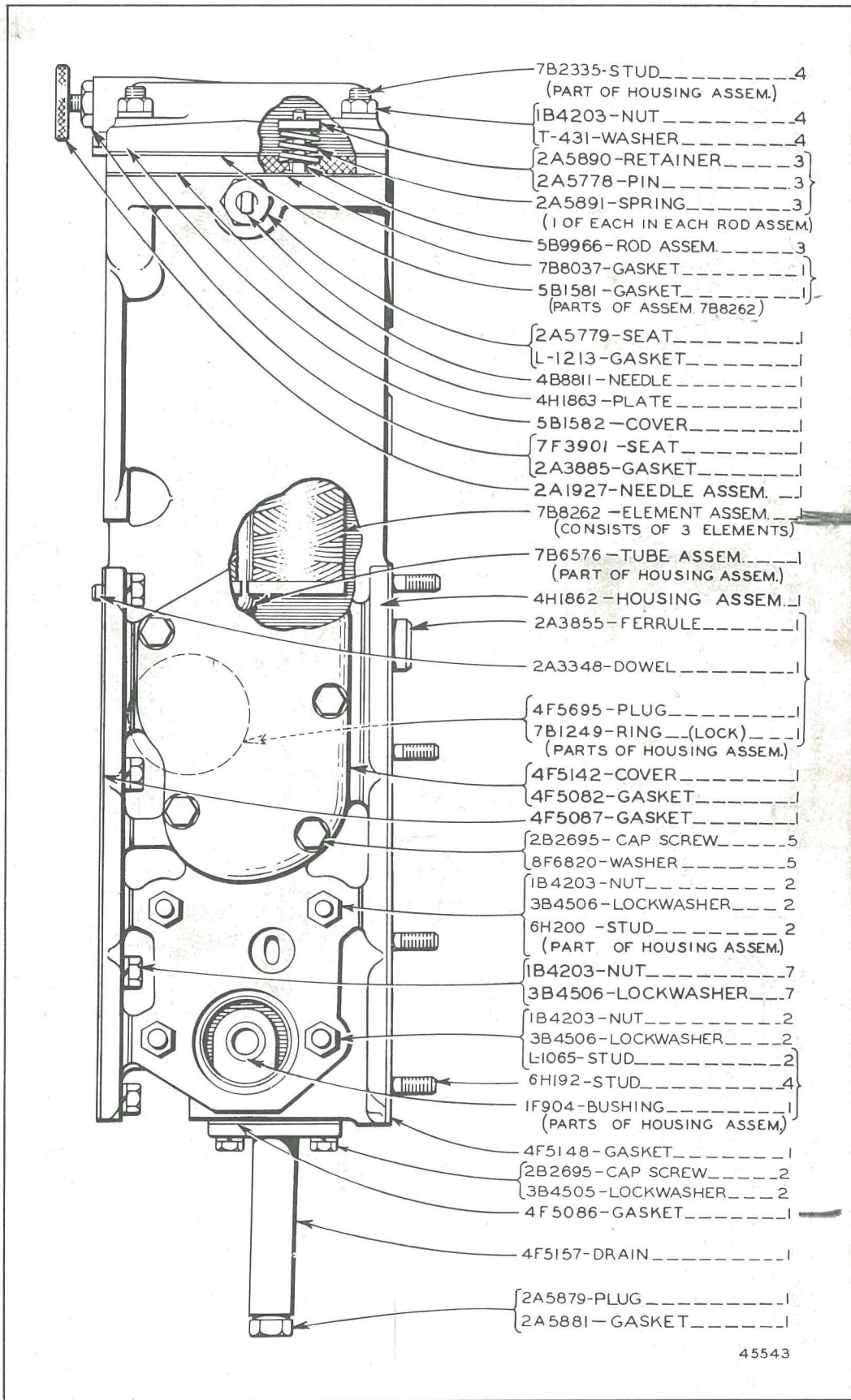


5F6606 FUEL TRANSFER PUMP GROUP
 Serial No. 11A1 to 11A804 inclusive



6H6711 FUEL TRANSFER PUMP GROUP
 Effective with Serial No. 11A805

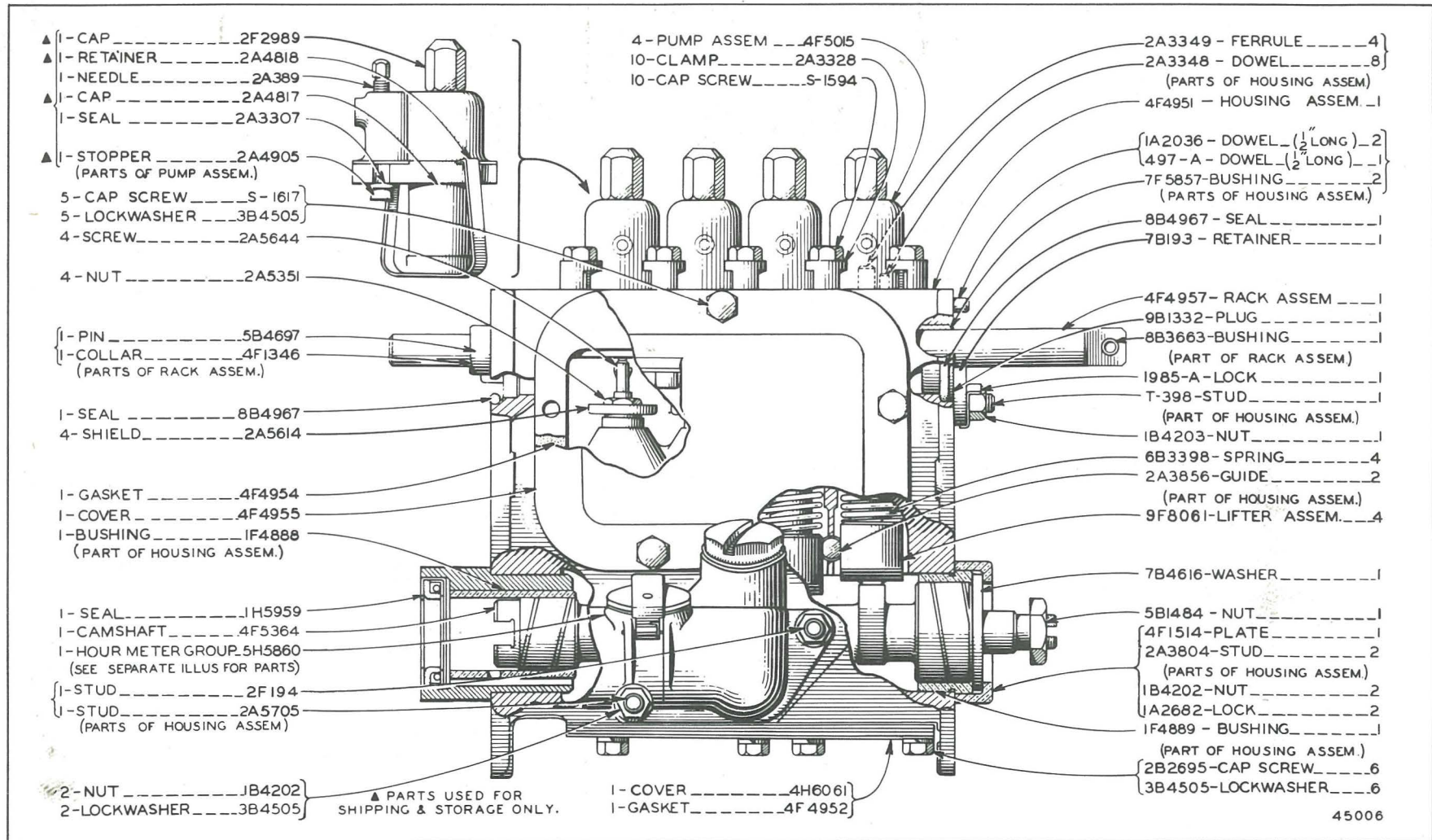
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



45543

FUEL FILTER

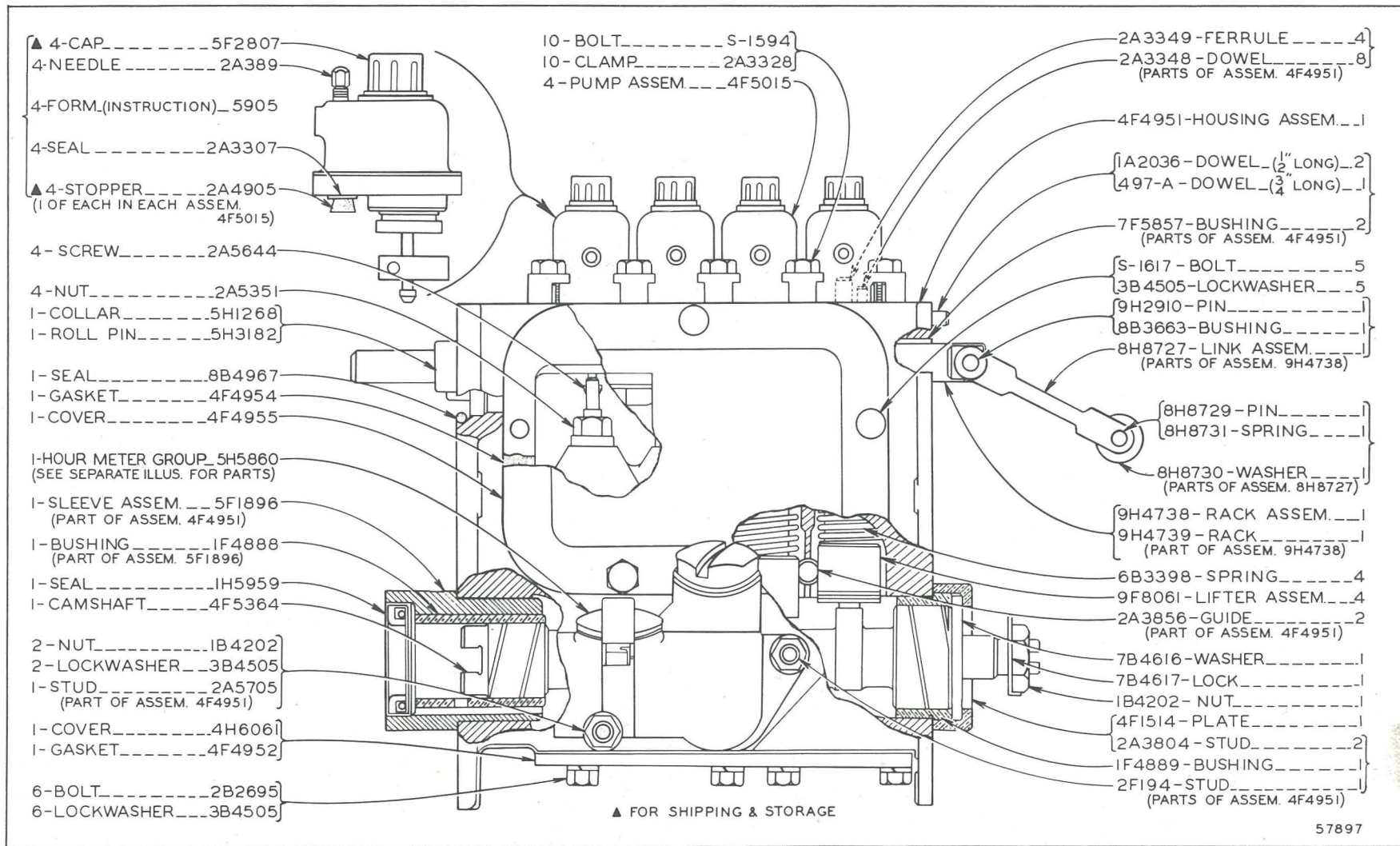
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

DIESEL ENGINE

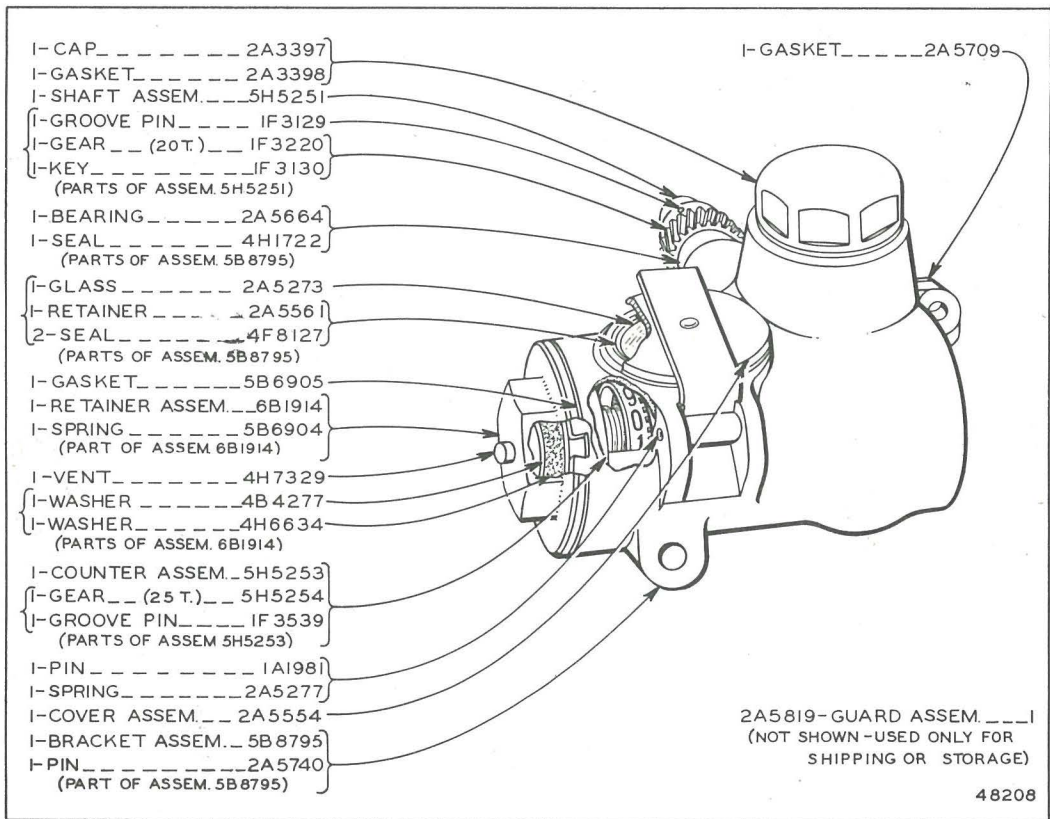
41



4F4556 FUEL PUMP HOUSING GROUP

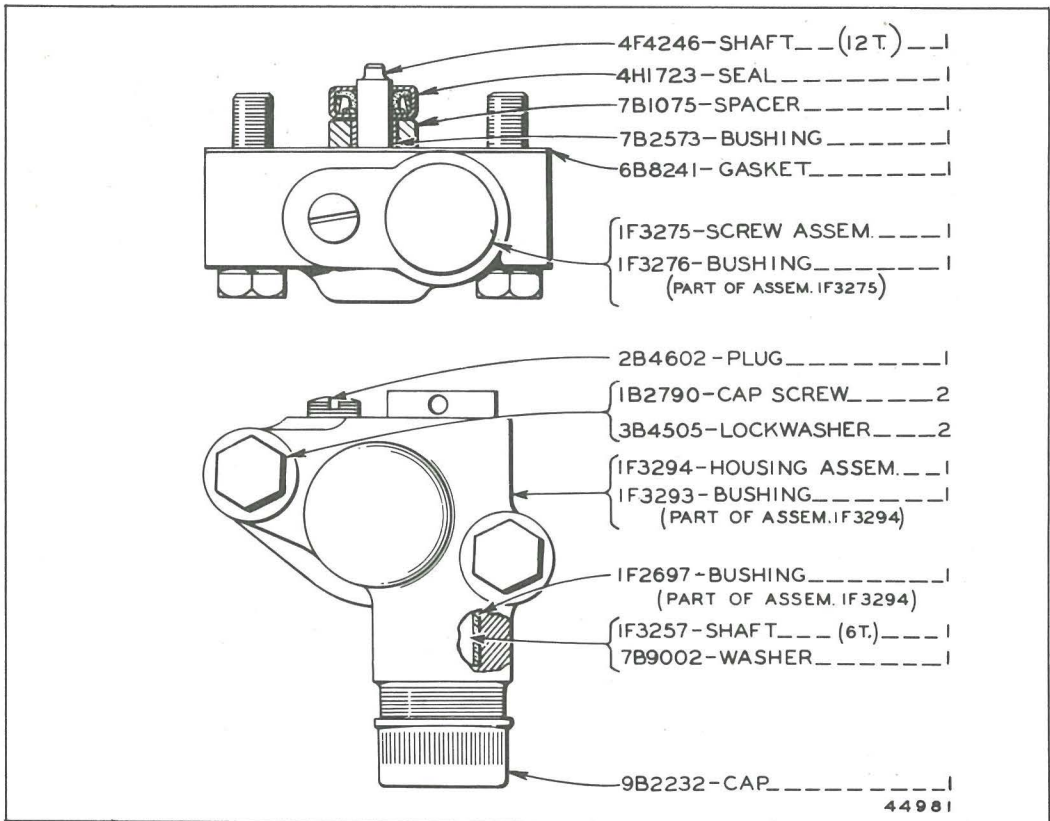
Effective with Serial No. 11A2596. 5H5860 Hour Meter Group parts are shown on Page 42

Note: 5F2428 Fuel Pump Housing Service Assembly consists of parts shown plus: 2A3307 Seal—4, 2A4716 Cap—4, 1A2029 Bolt—2 and minus: 4F5015 Pump Assembly—4, S-1594 Bolt—10, 2A3328 Clamp—10 and 5H5860 Hour Meter Group—1



5H5860 HOUR METER GROUP

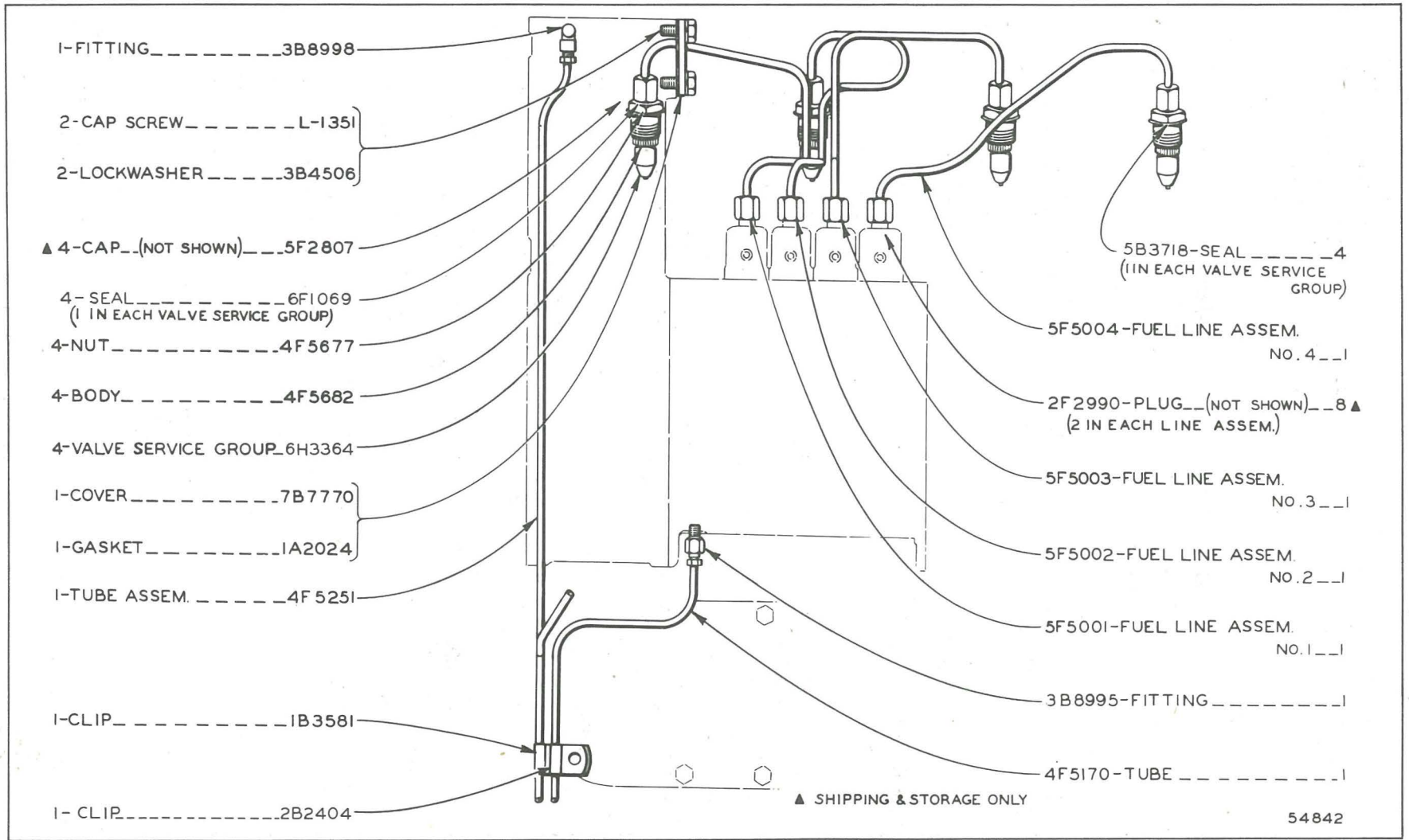
Part of 4F4556 Fuel Pump Housing Group shown on Pages 40 and 41



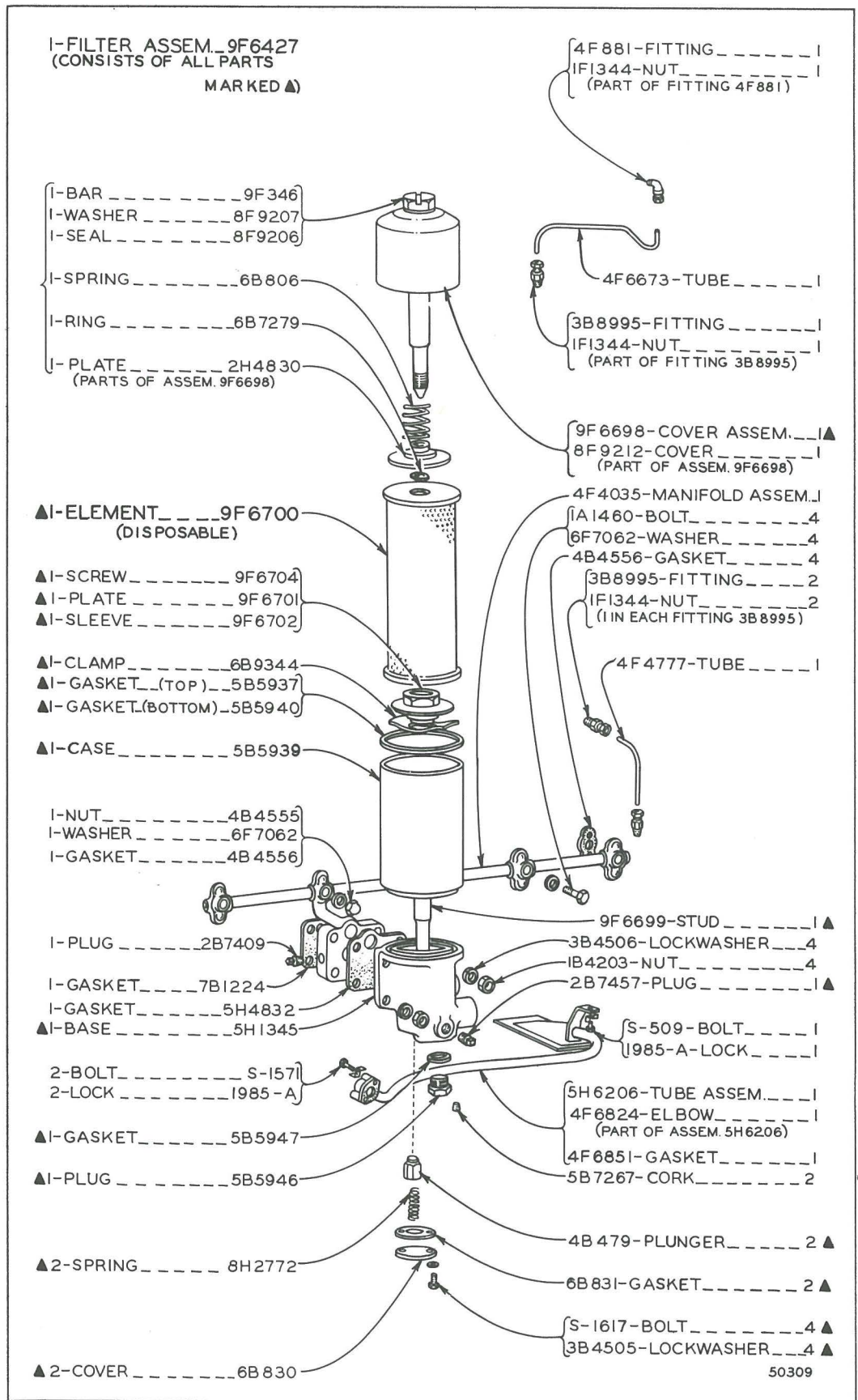
4F6105 TACHOMETER DRIVE GROUP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

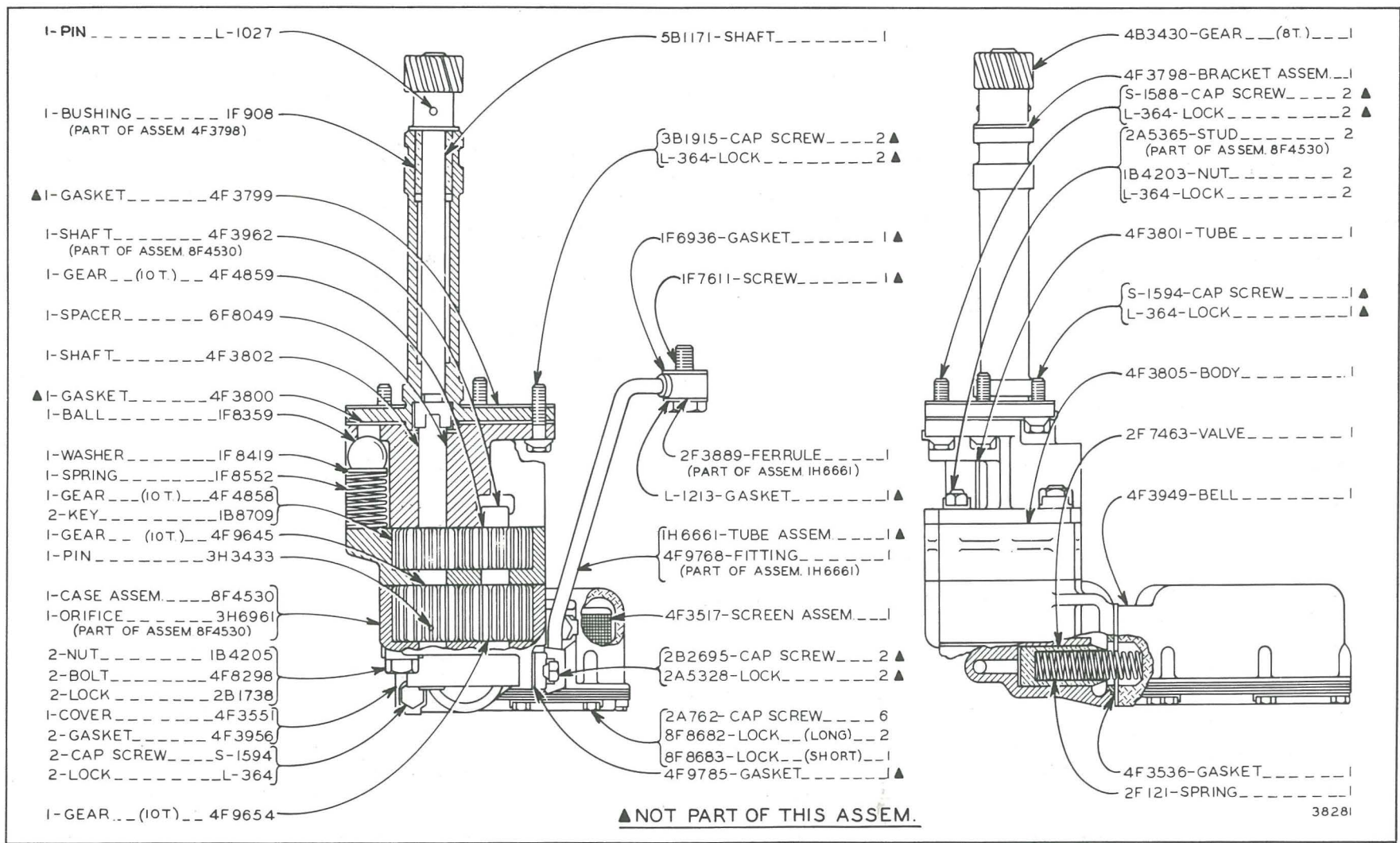


FUEL INJECTION VALVES AND LINES



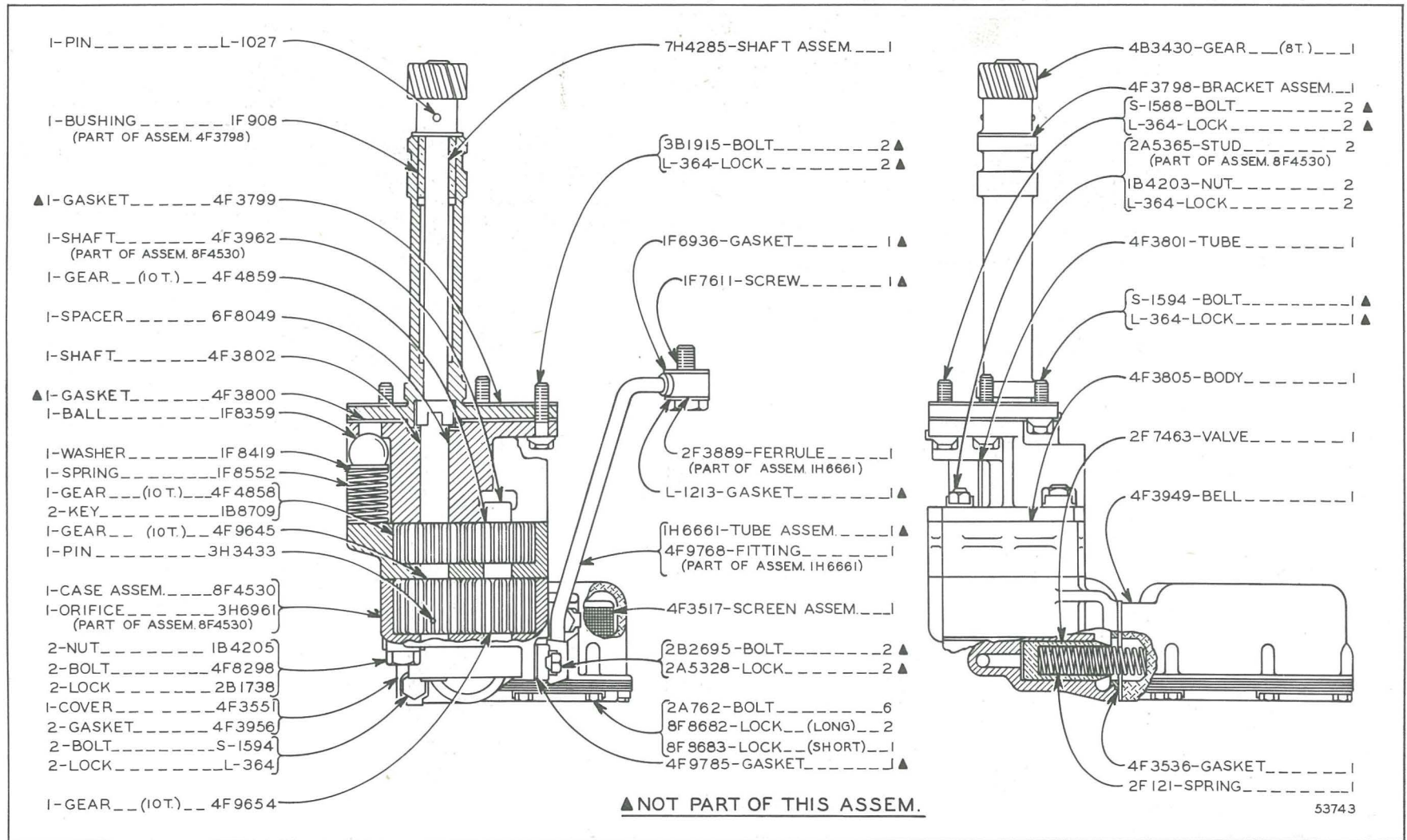
OIL LINES AND FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

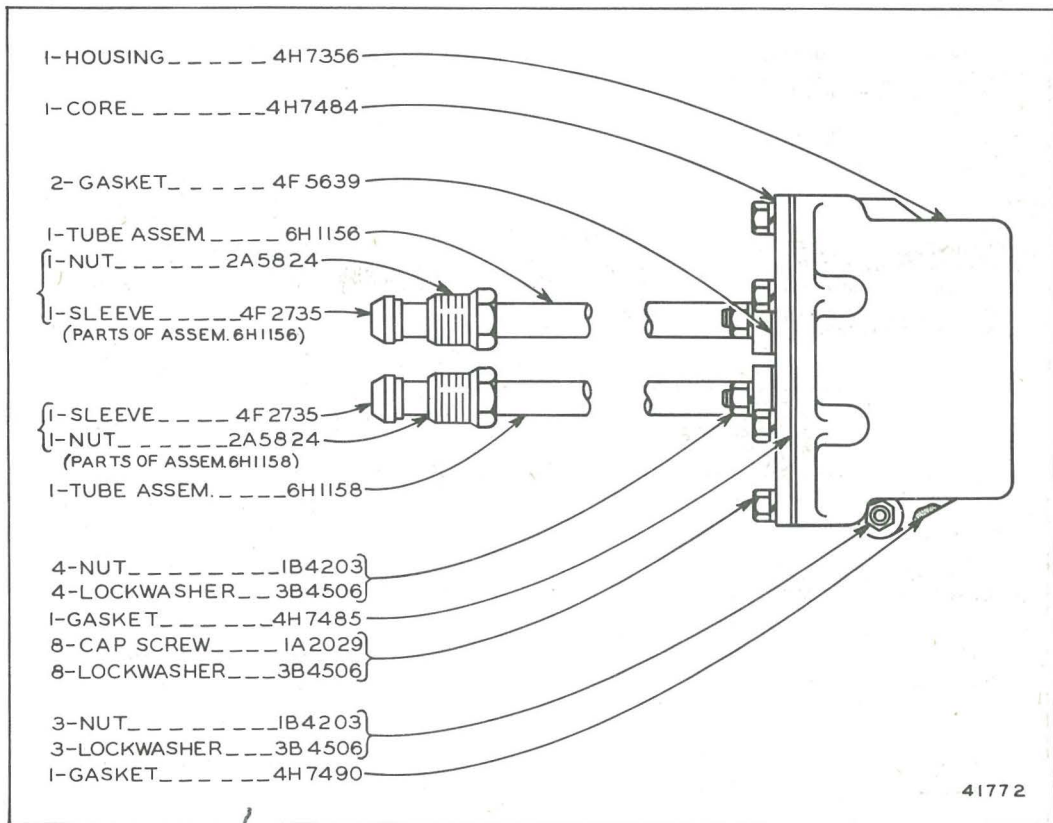


2H7101 OIL PUMP ASSEMBLY
Serial No. 11A1 to 11A3379 inclusive

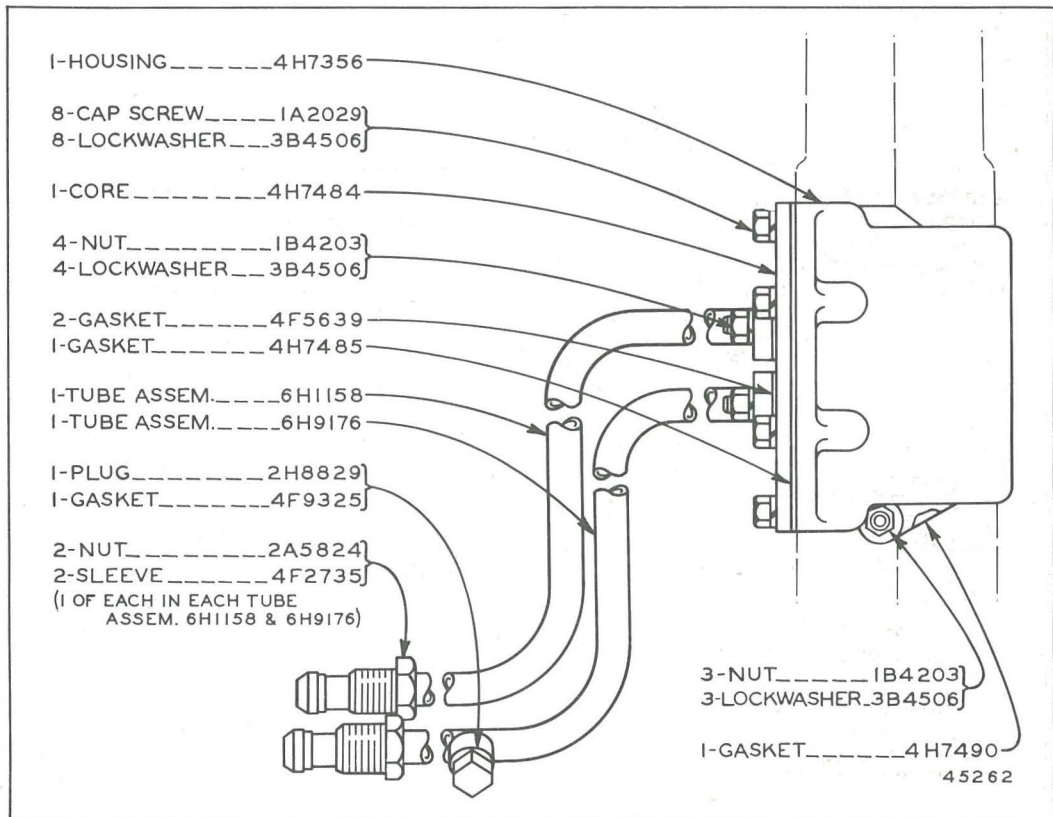
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2H7101 OIL PUMP ASSEMBLY
Effective with Serial No. 11A3380

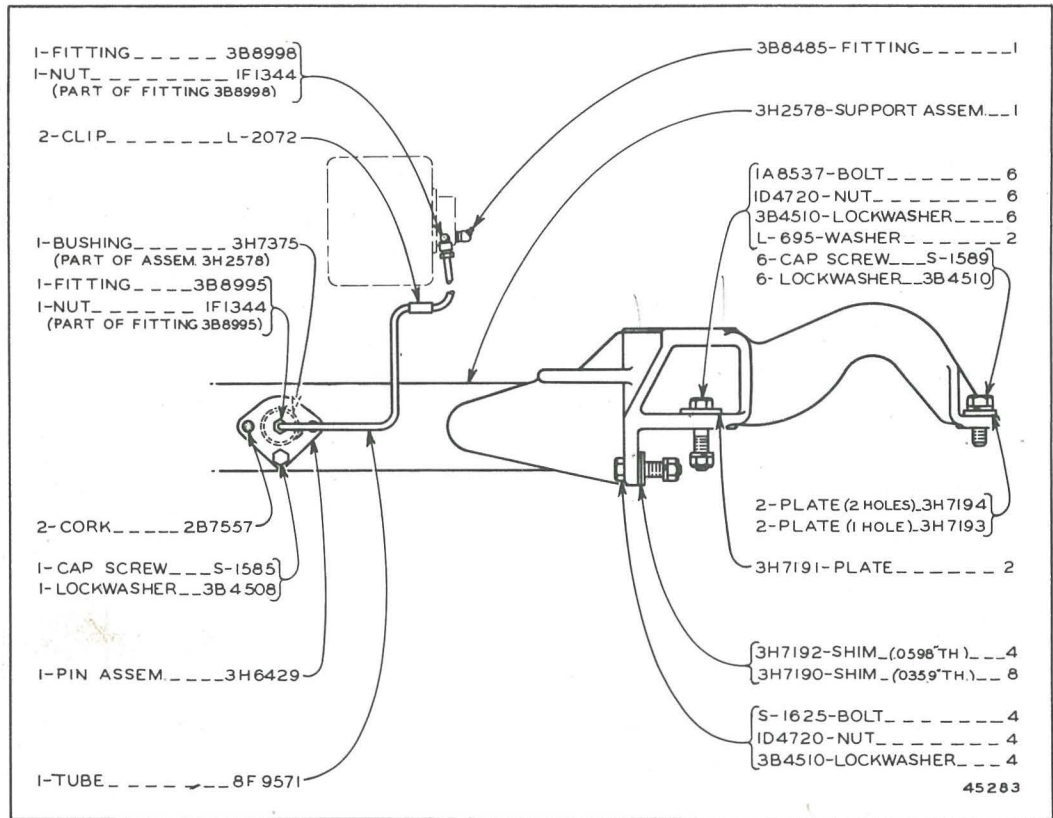


5H9752 OIL COOLER GROUP
Serial No. 11A1 to 11A652 inclusive

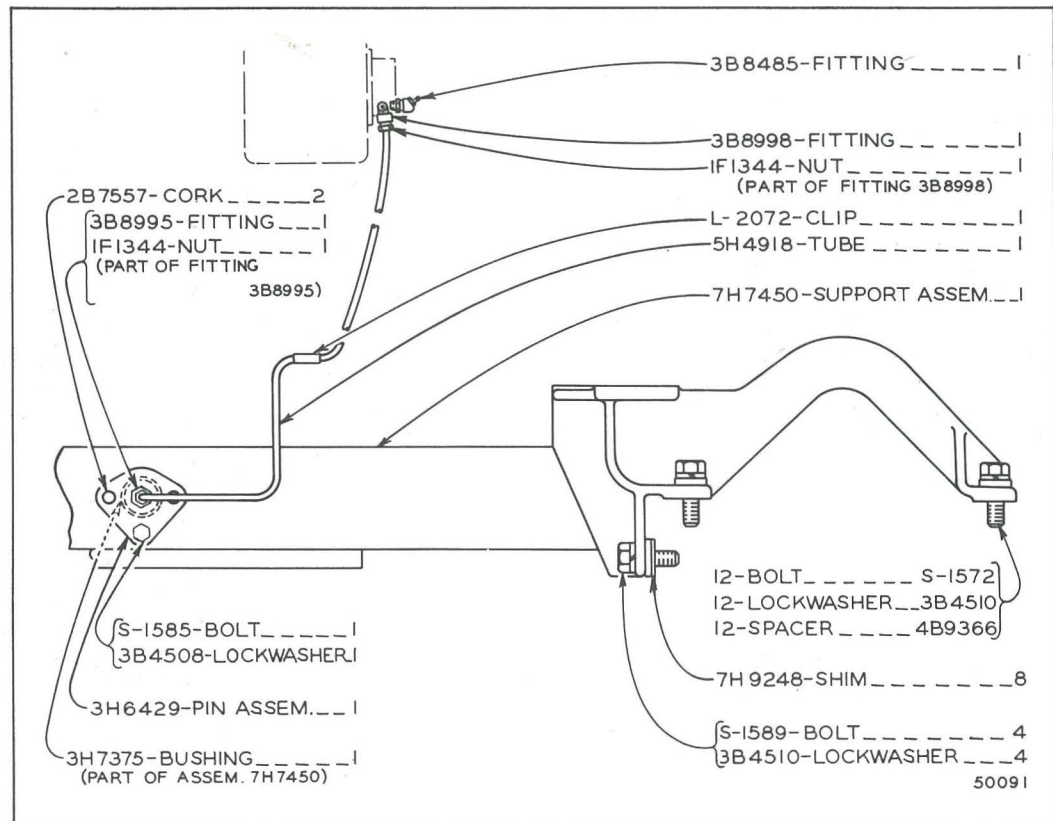


5H9752 OIL COOLER GROUP
Effective with Serial No. 11A653

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

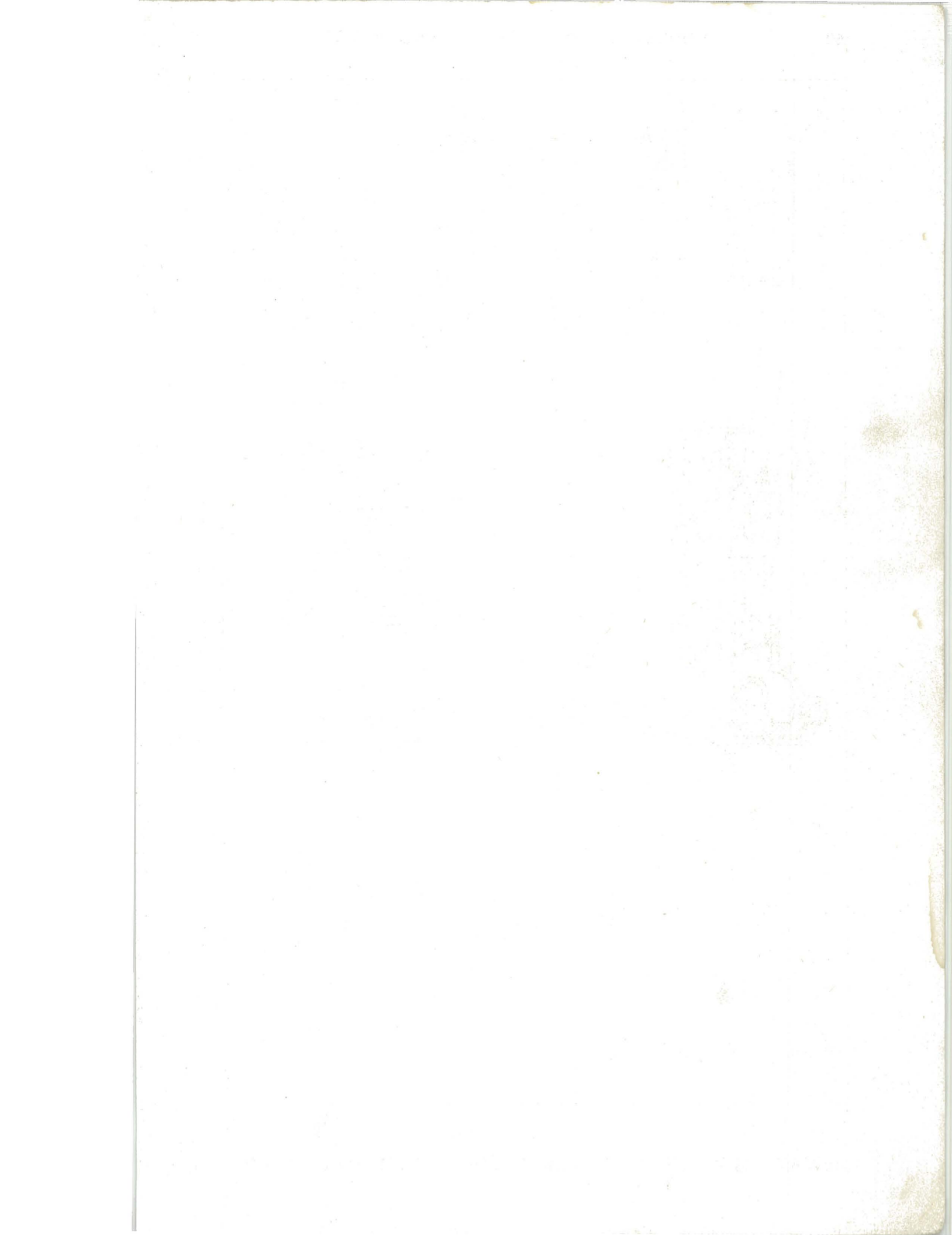


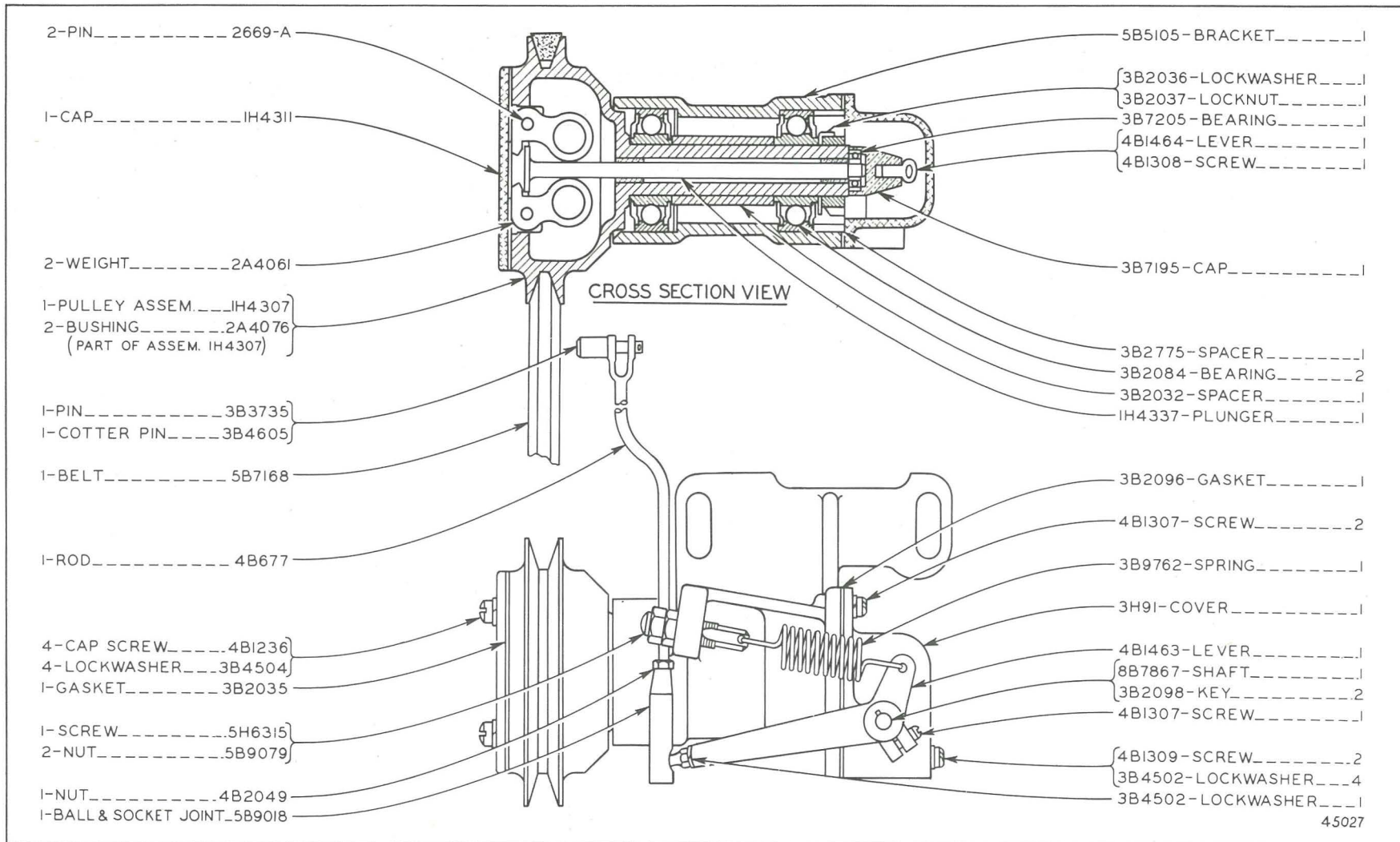
ENGINE SUPPORT
 Serial No. 11A1 to 11A2595 inclusive



ENGINE SUPPORT
 Effective with Serial No. 11A2596
 Also part of 7H7400 Track Roller Frame Arrangement listed on Page 171

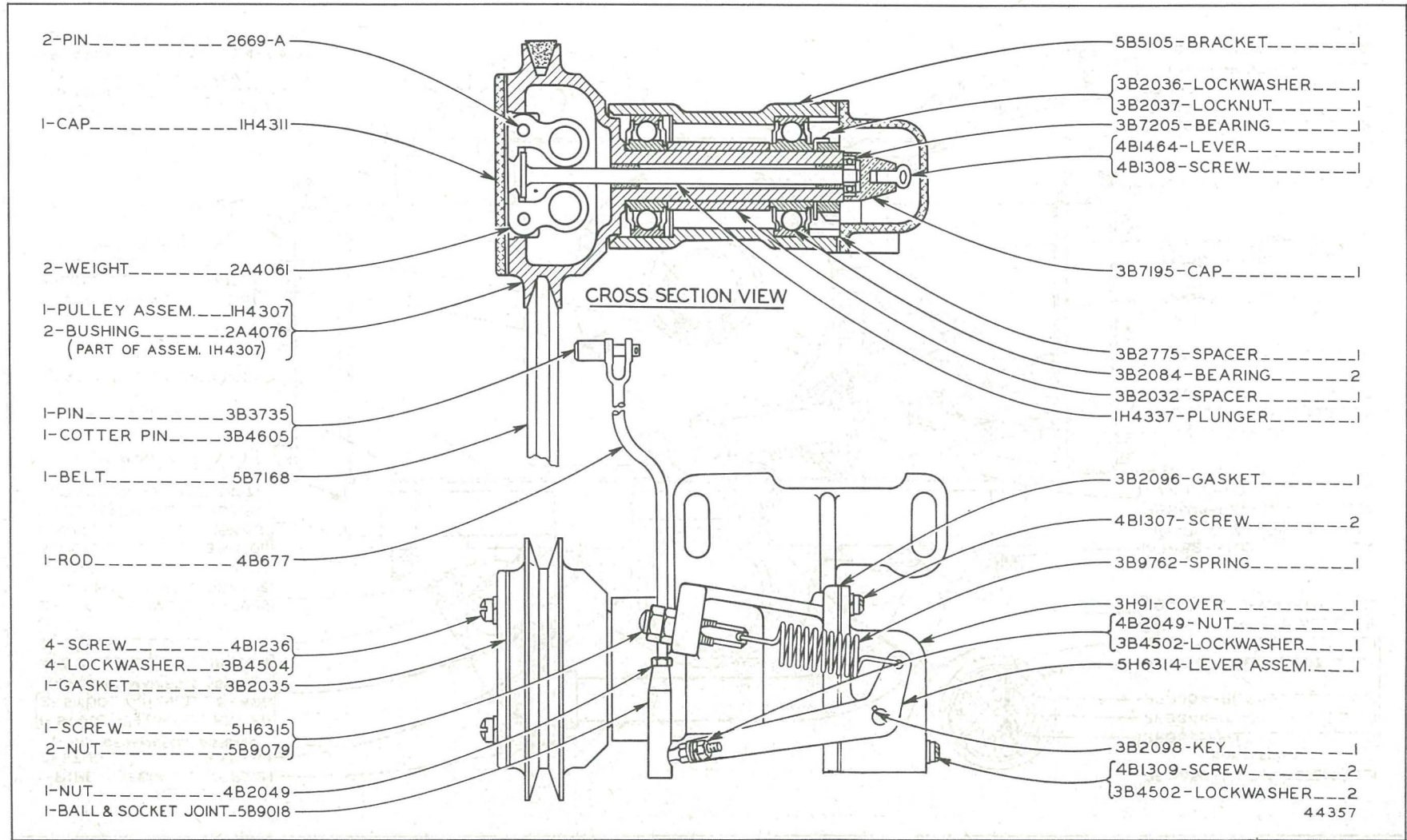
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS





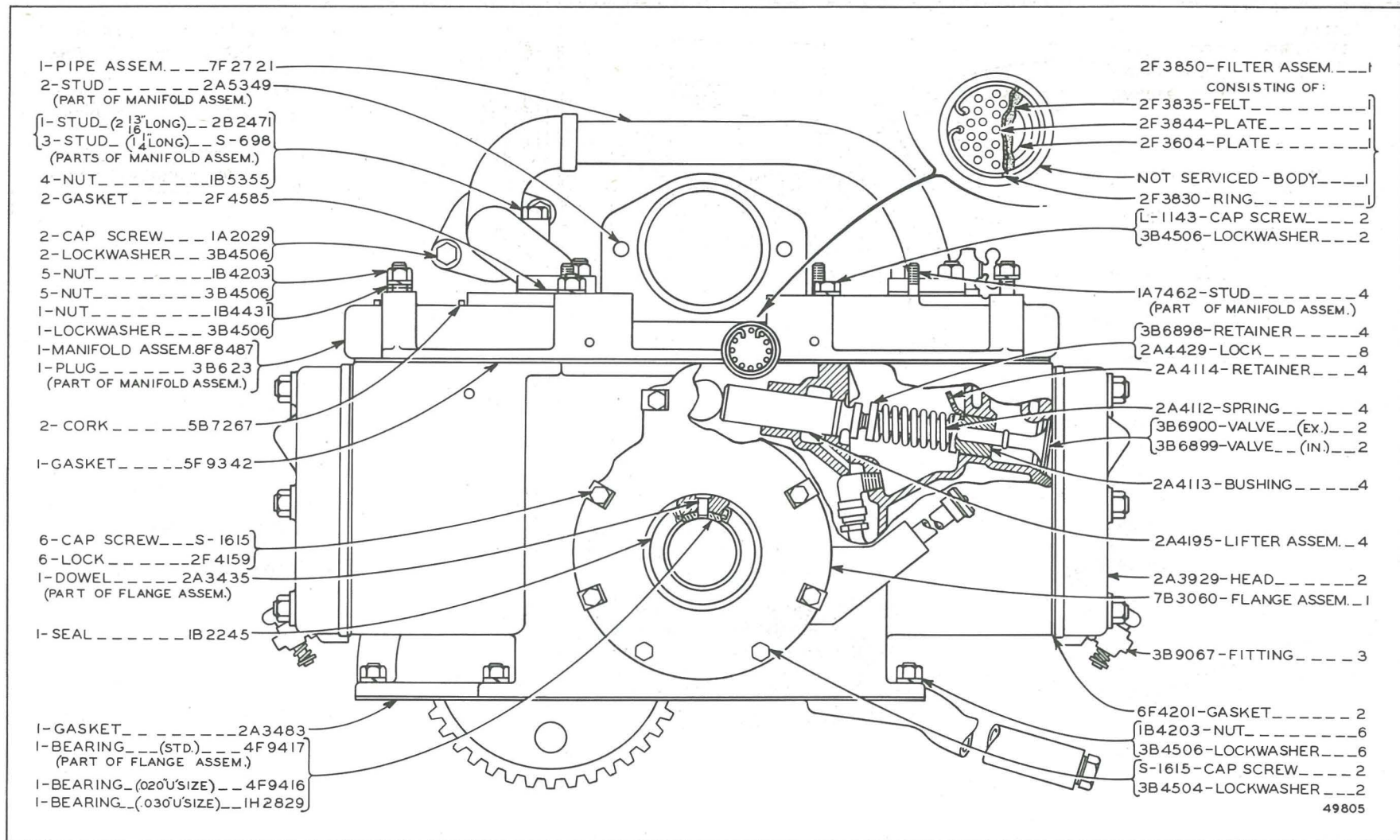
2A4102 GOVERNOR GROUP
Serial No. 11A1 to 11A430 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2A4102 GOVERNOR GROUP
Effective with Serial No. 11A431

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

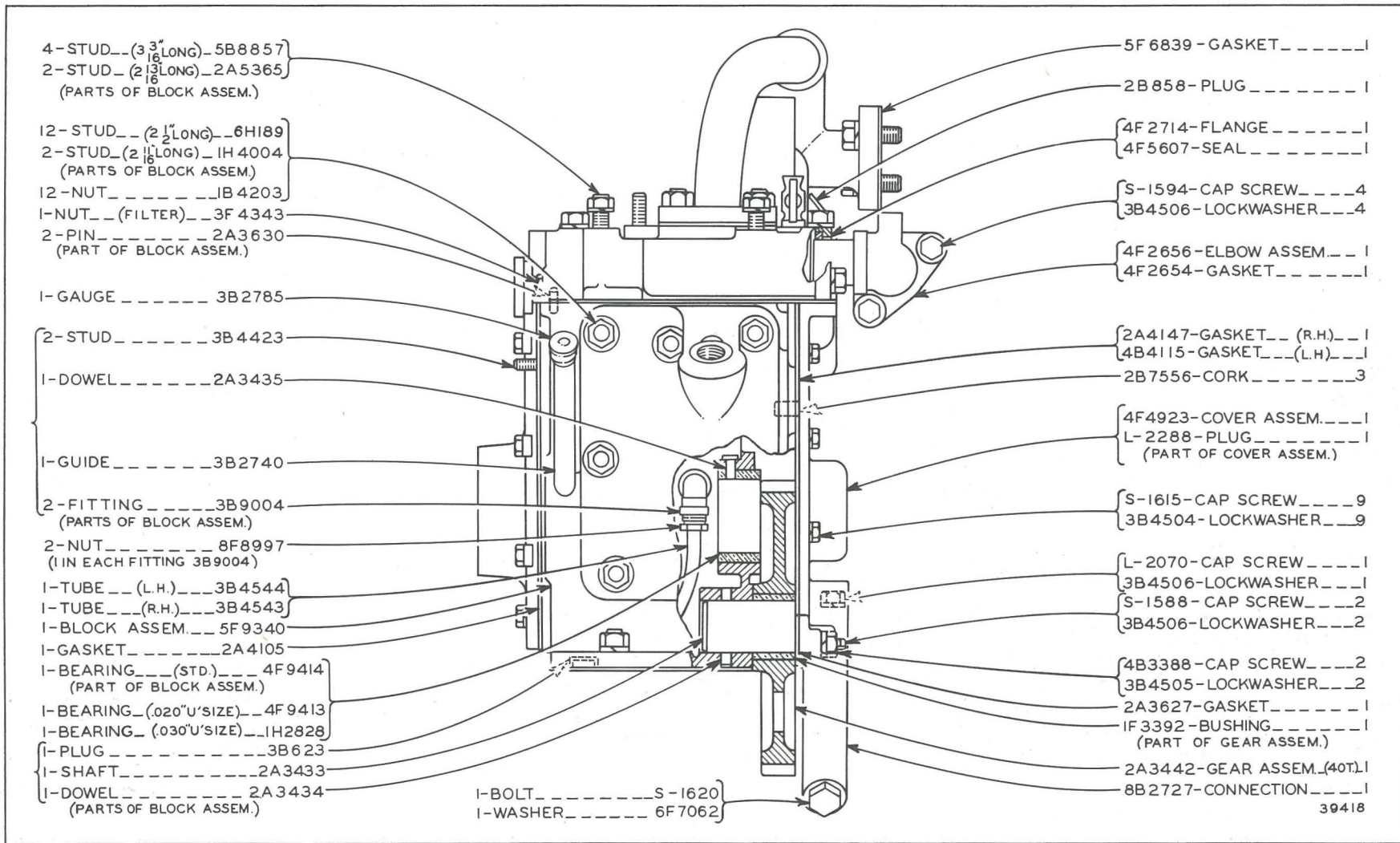


CYLINDER BLOCK, CYLINDER HEAD AND VALVE MECHANISM—Side View

Serial No. 11A1 to 11A2720 inclusive

Note: 6H4319 Starting Engine Gasket Group is available

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



STARTING ENGINE

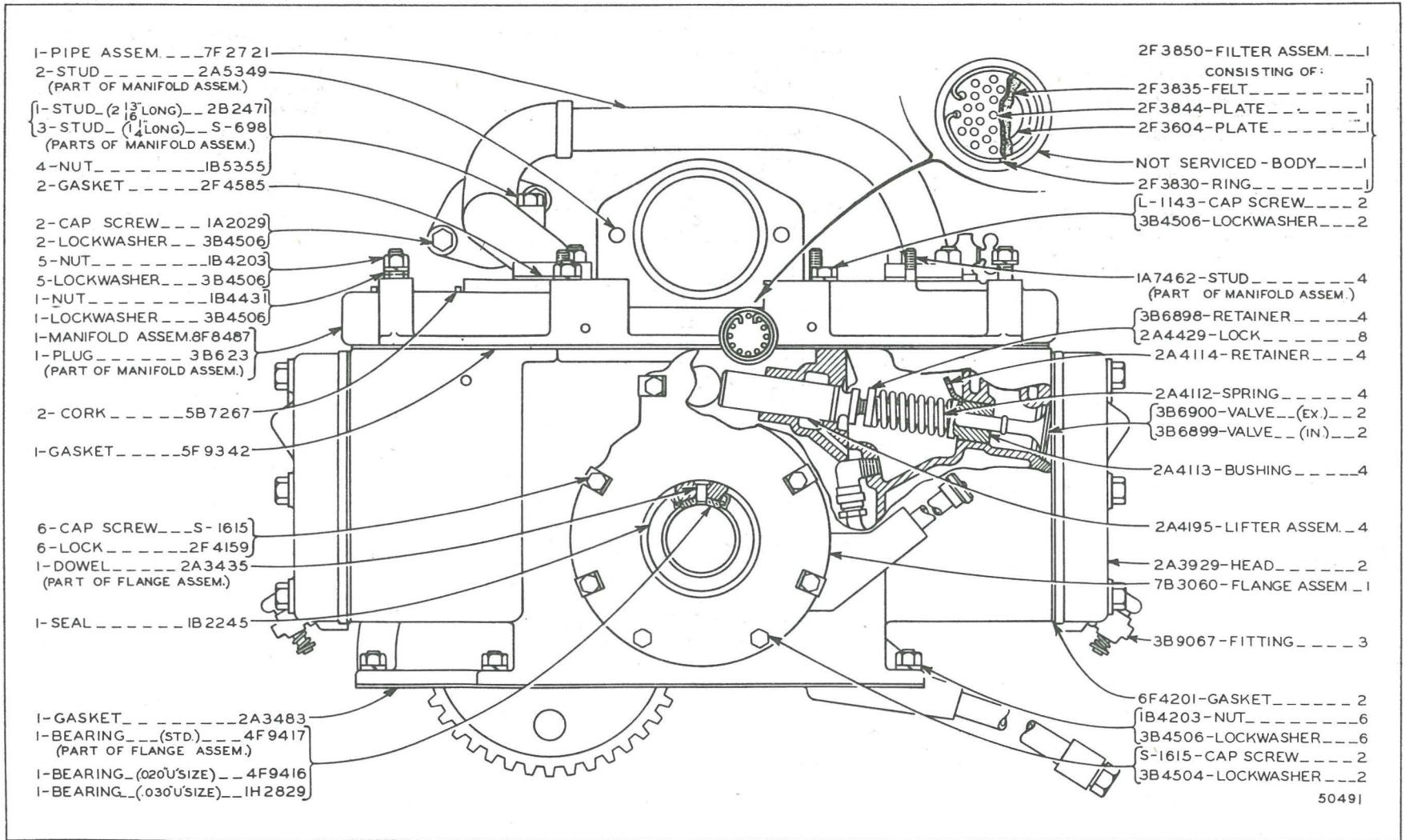
CYLINDER BLOCK, CYLINDER HEAD AND VALVE MECHANISM—End View

Serial No. 11A1 to 11A2720 inclusive

Note: 6H4319 Starting Engine Gasket Group is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

54 "CATERPILLAR" NO. 933 TRAXCAVATOR

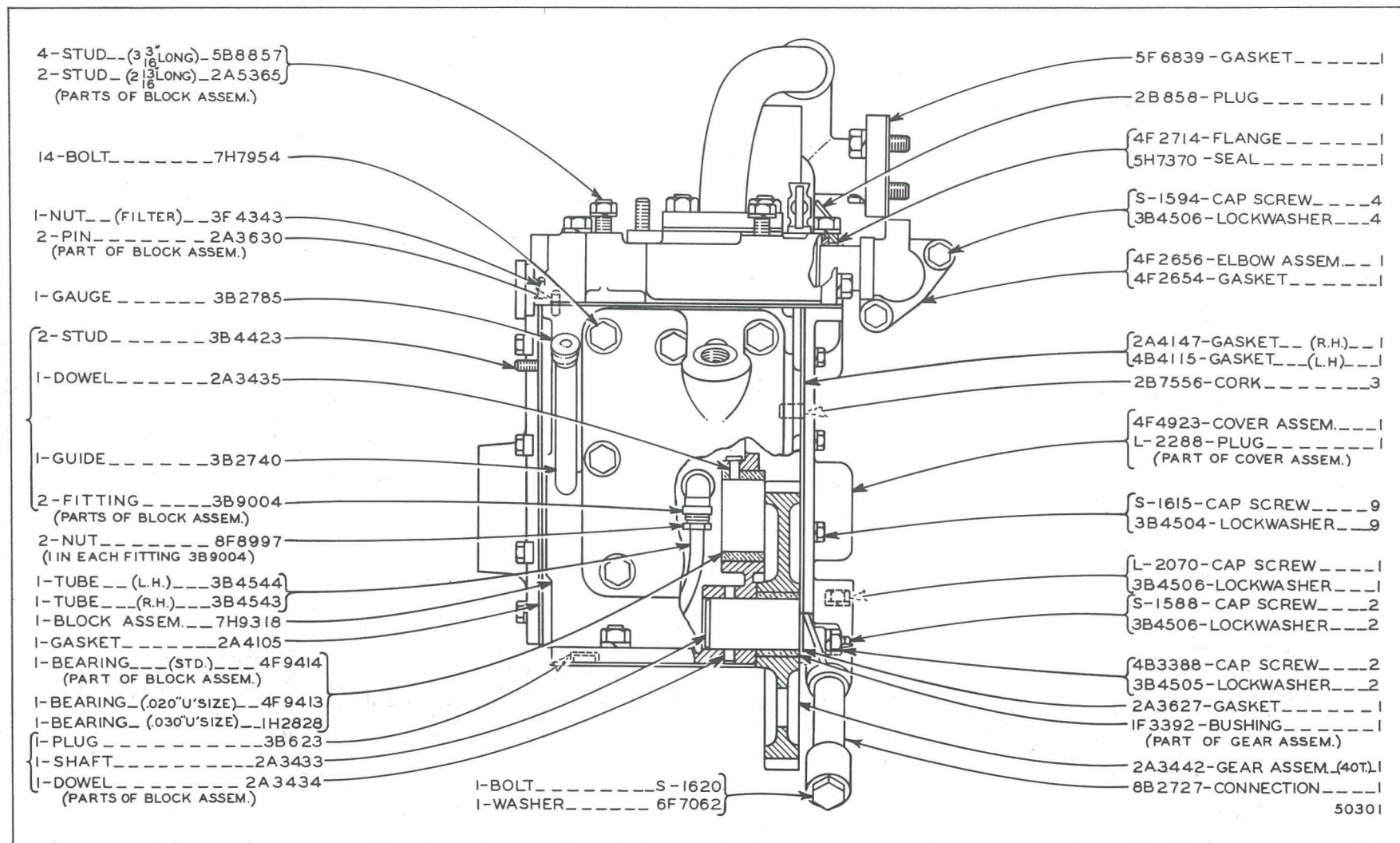


50491

CYLINDER BLOCK, CYLINDER HEAD AND VALVE MECHANISM—Side View

Effective with Serial No. 11A2721

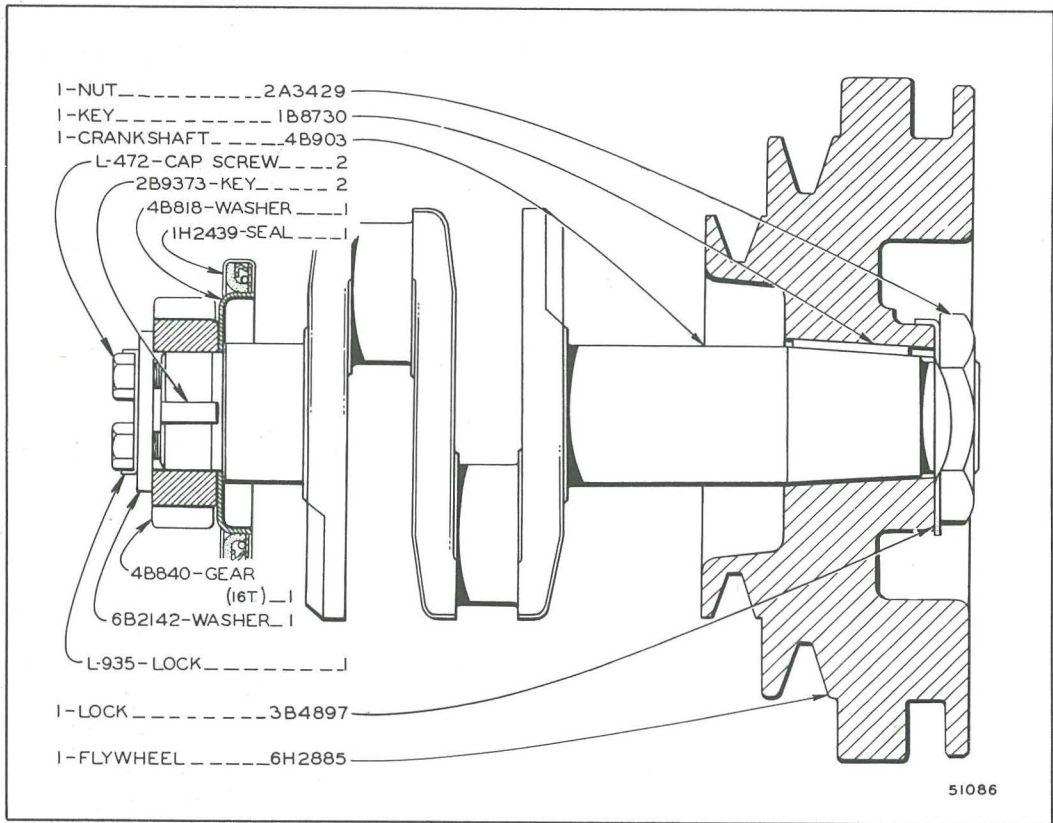
Note: 6H4319 Starting Engine Gasket Group is available



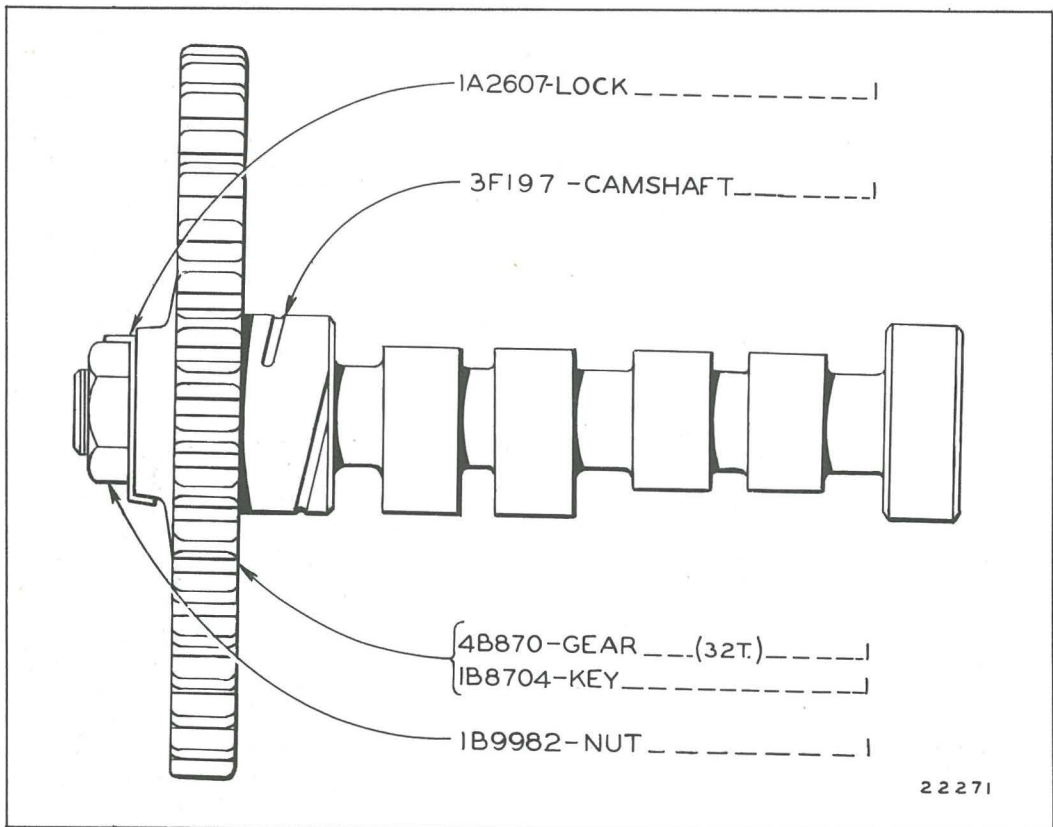
CYLINDER BLOCK, CYLINDER HEAD AND VALVE MECHANISM—End View

Effective with Serial No. 11A2721

Note: 6H4319 Starting Engine Gasket Group is available

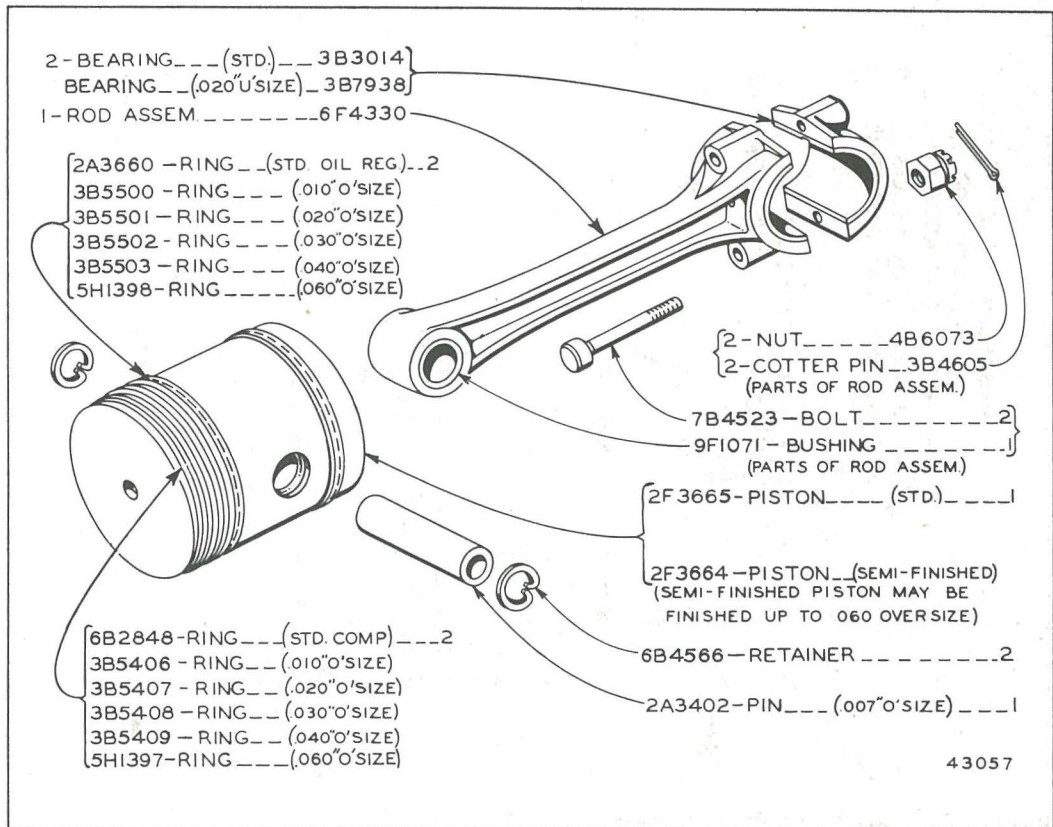


2A3590 CRANKSHAFT GROUP

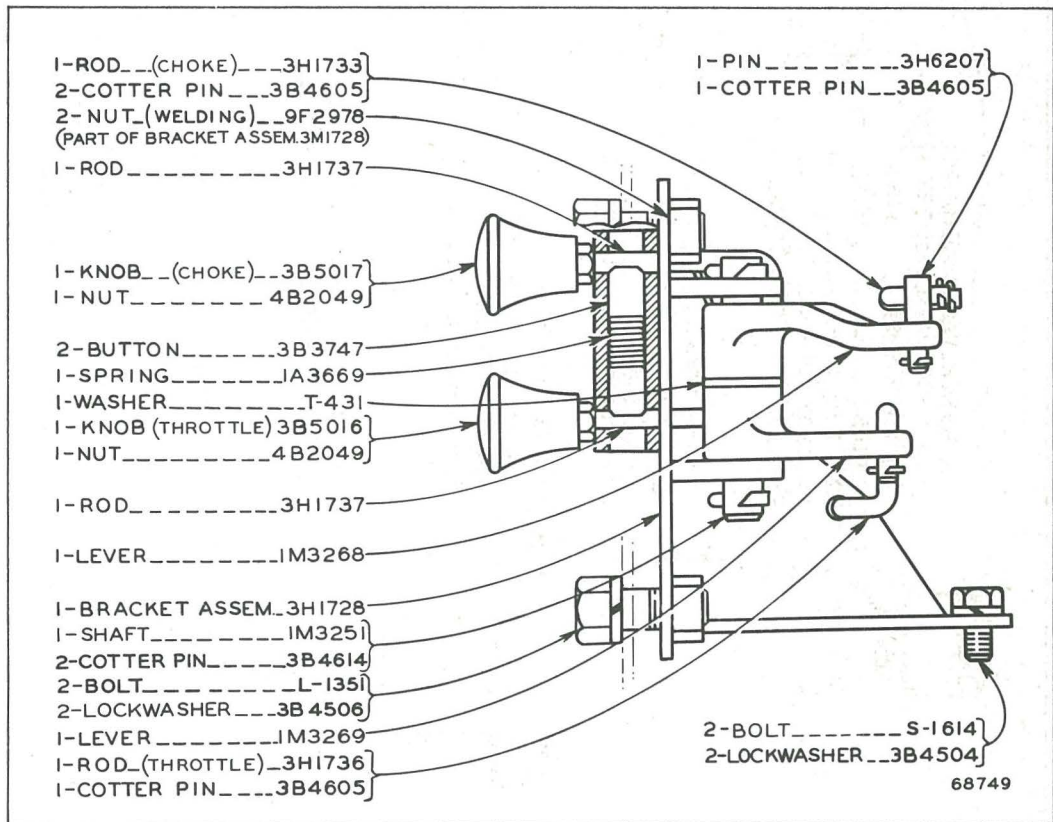


2A3589 CAMSHAFT GROUP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

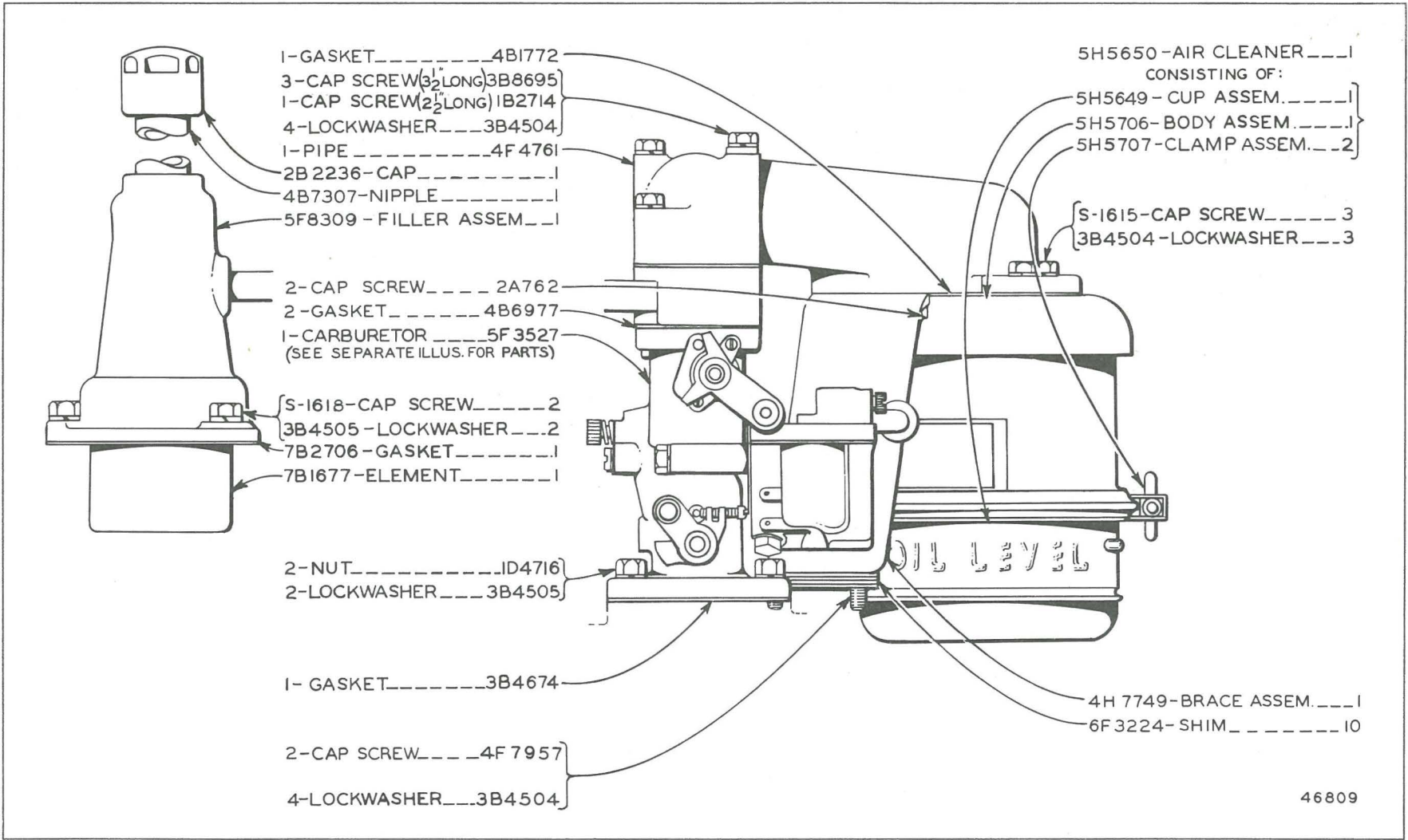


2A3591 CONNECTING ROD AND PISTON GROUP—2 Groups Required



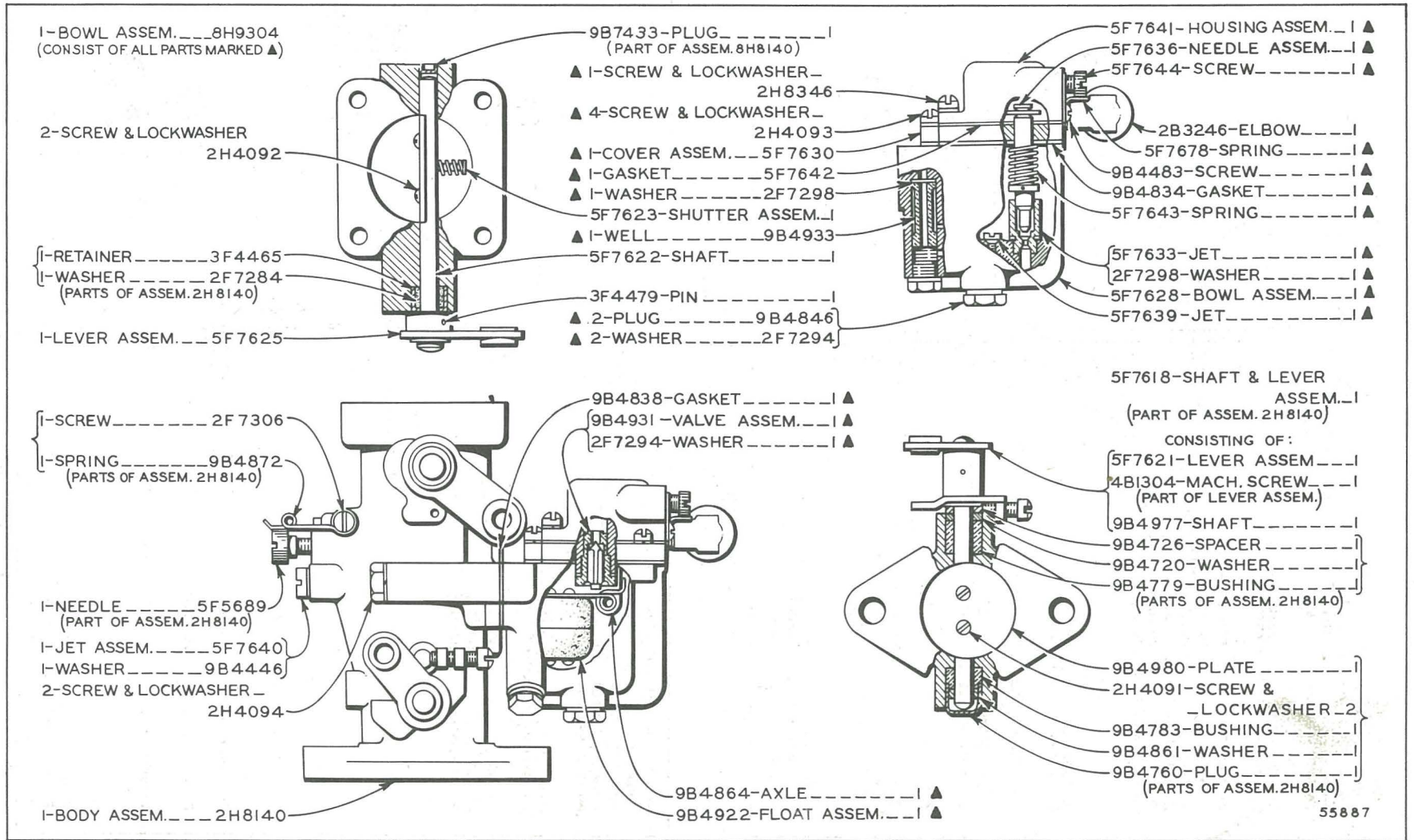
3H3779 CARBURETOR CONTROLS GROUP

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

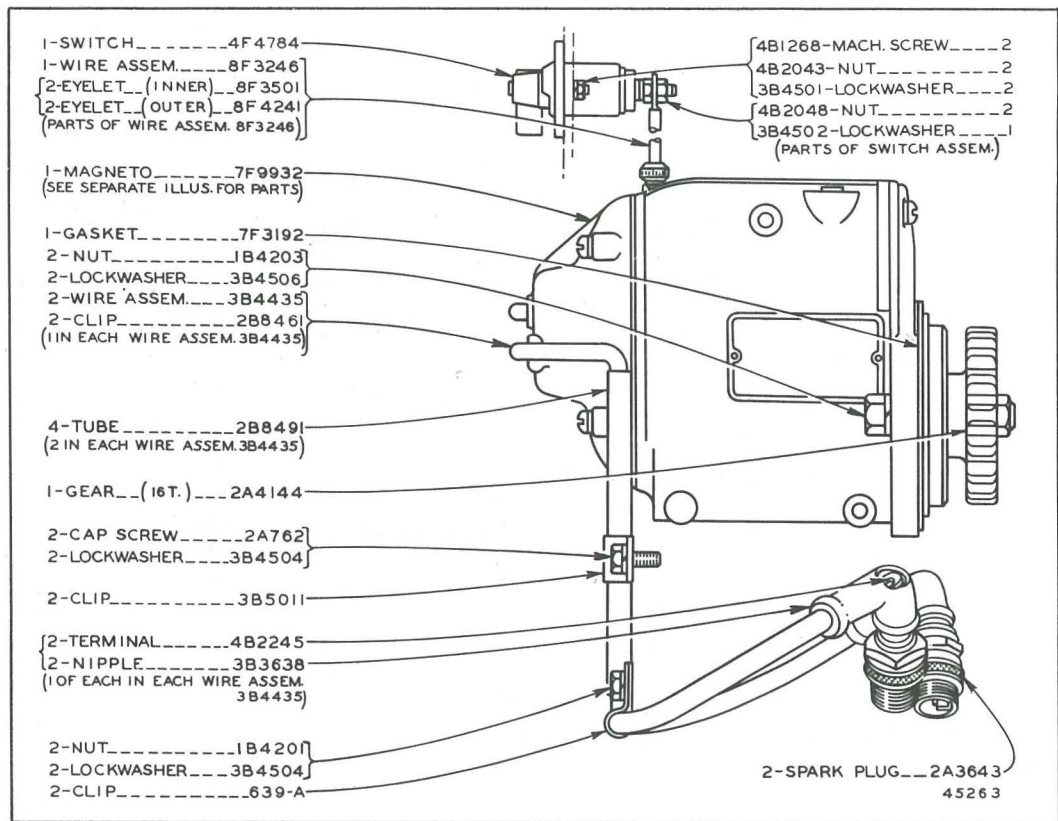


46809

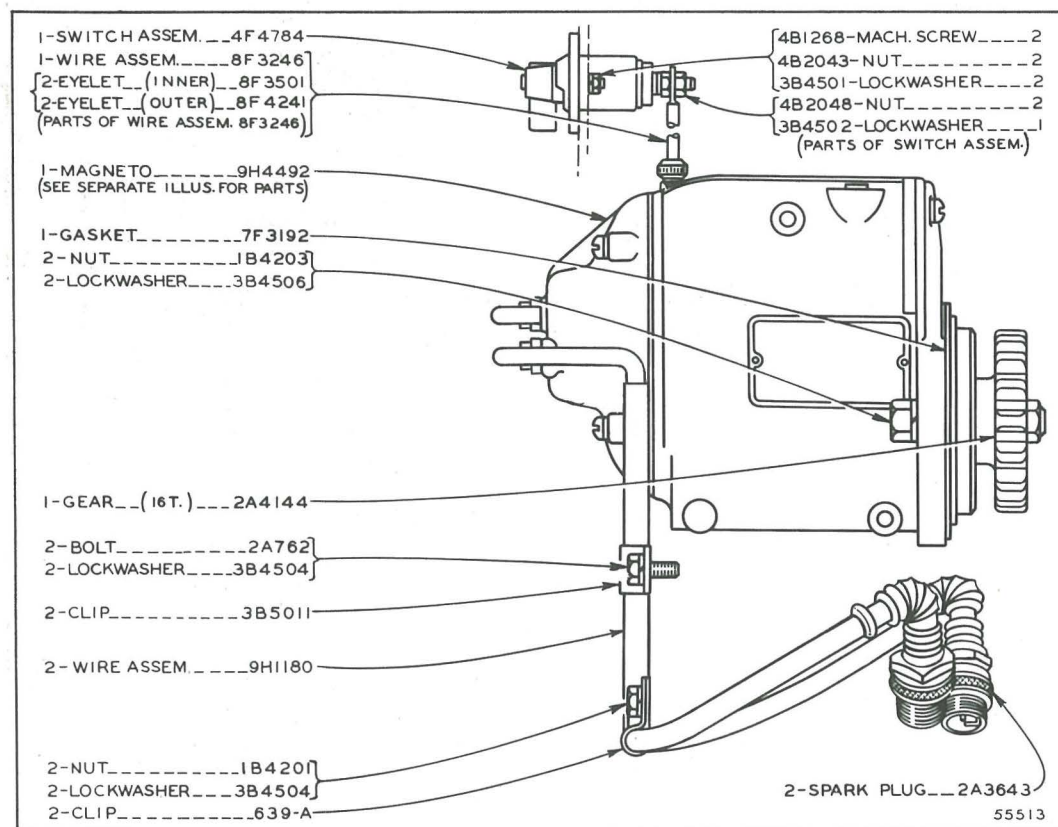
AIR CLEANER, BREATHER AND CARBURETOR



5F3527 CARBURETOR
Part of Air Cleaner, Breather and Carburetor



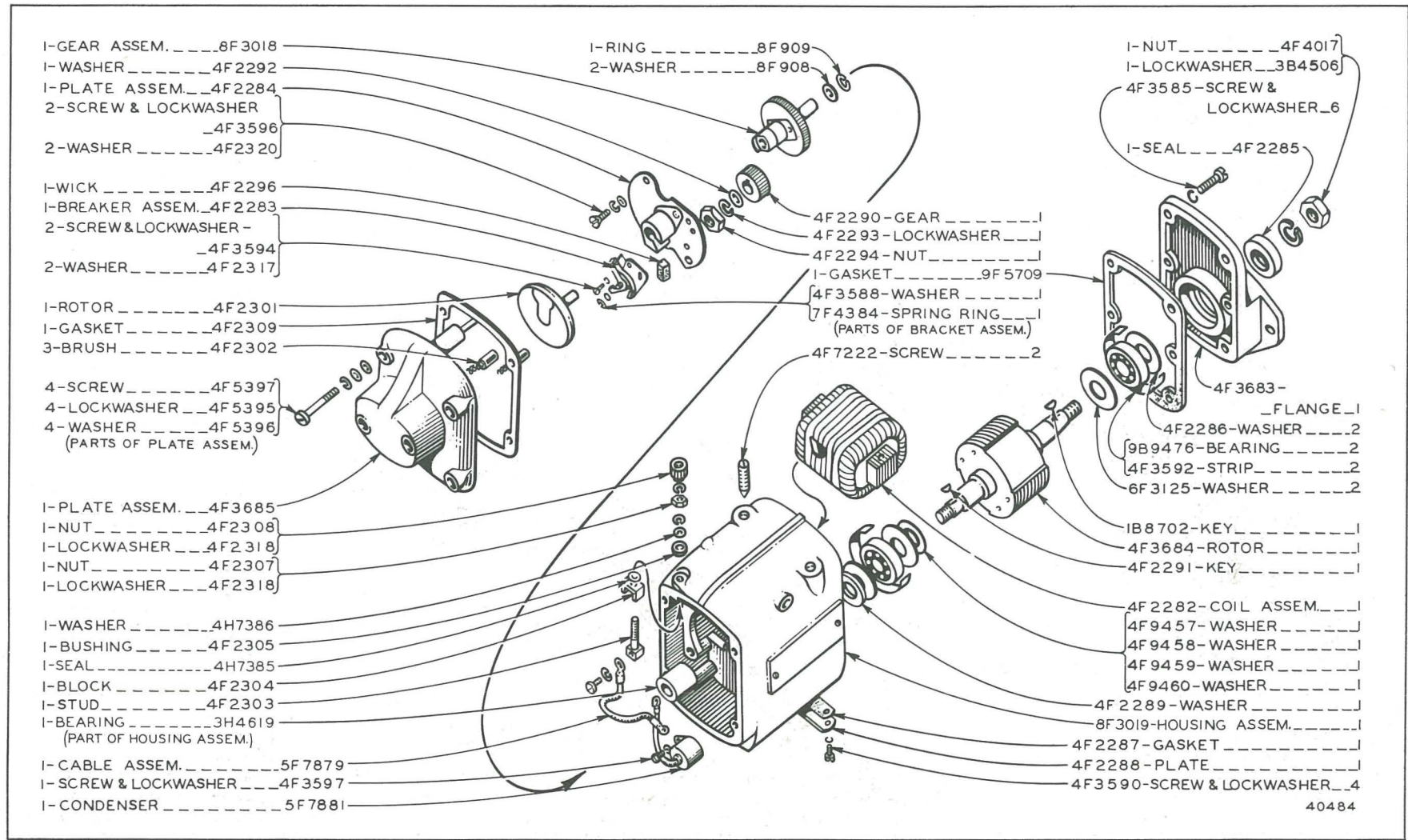
6H9679 IGNITION SYSTEM GROUP
 Serial No. 11A1 to 11A3478 inclusive



6H9679 IGNITION SYSTEM GROUP
 Effective with Serial No. 11A3479
 9H4492 Magneto parts are shown on Page 62

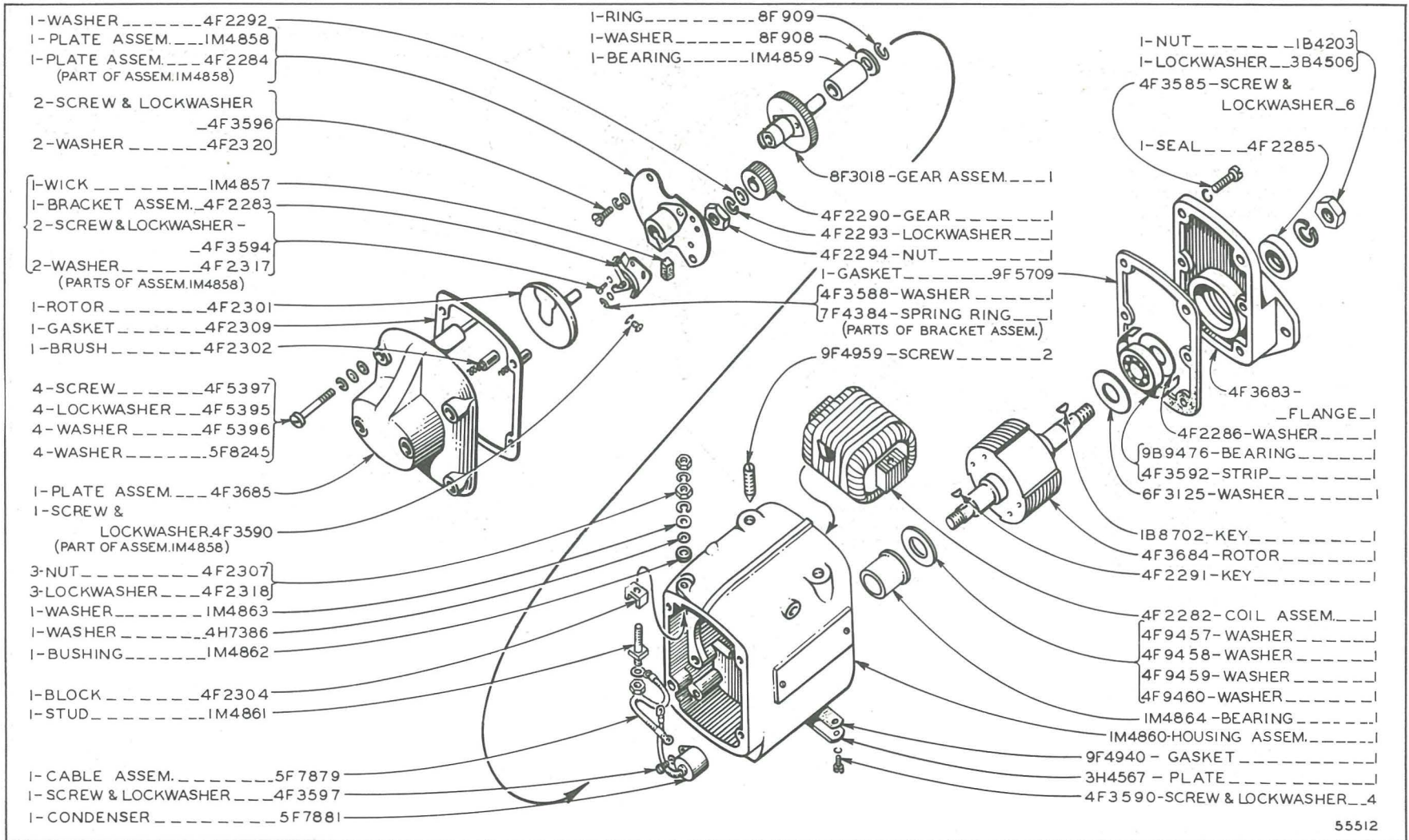
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



7F9932 MAGNETO
 Part of 6H9679 Ignition System Group

40484

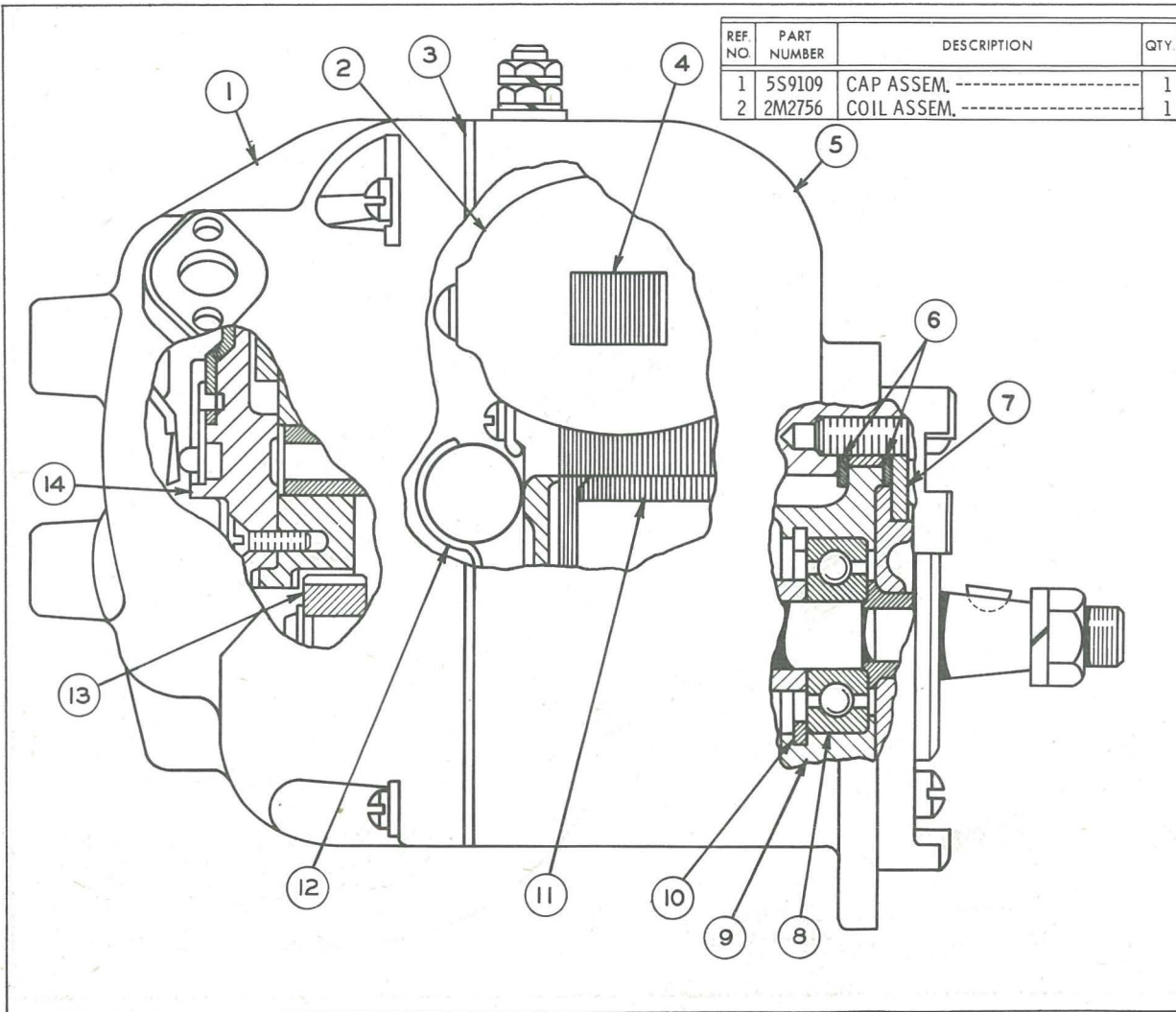


55512

9H4492 MAGNETO

Part of 6H9679 Ignition System Group shown on Page 60

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5S9109	CAP ASSEM.-----	1
2	2M2756	COIL ASSEM.-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
3	7M1738	GASKET-----	1
4	2M2773	CORE ASSEM.-----	1
5	5S9111	HOUSING ASSEM.-----	1
6	2M5798	GASKET-----	2
7	5S9110	PLATE-----	1
	2M2795	BEARING ASSEM.-----	1
		Consisting of:	
8	4M2697	{ BEARING-----	1
9	2M2796	{ CAGE-----	1
10	2M2797	{ RING-----	1
11	5S9112	ROTOR-----	1
12	2M2757	CONDENSER ASSEM.-----	1
13	2M5797	GEAR-----	1
14	5M8036	ROTOR ASSEM.-----	1

THE FOLLOWING REPAIR KITS ARE AVAILABLE:

7M3893	KIT-----	(Overhaul)-----	1
		(Includes gaskets, seal, slinger bearing, screw assemblies, pin, condenser, brush assemblies and contact breaker kit)	
7M3894	KIT-----	(Contact Breaker)-----	1
		(Includes wiper, screw, washers, ring, arm assembly and bracket assembly)	
9M2326	KIT-----	(Hardware)-----	1
		(Includes screw assemblies, nuts, seals, lock, lockwasher and screws)	
5S9137	KIT-----	(Drive End)-----	1
		(Includes arm, spacer, spring and retainer)	
5S9138	KIT-----	(Hardware-Cap End)-----	1
		(Includes interlead group, screw assemblies, screw, bearing, spring, clamps and connection unit)	

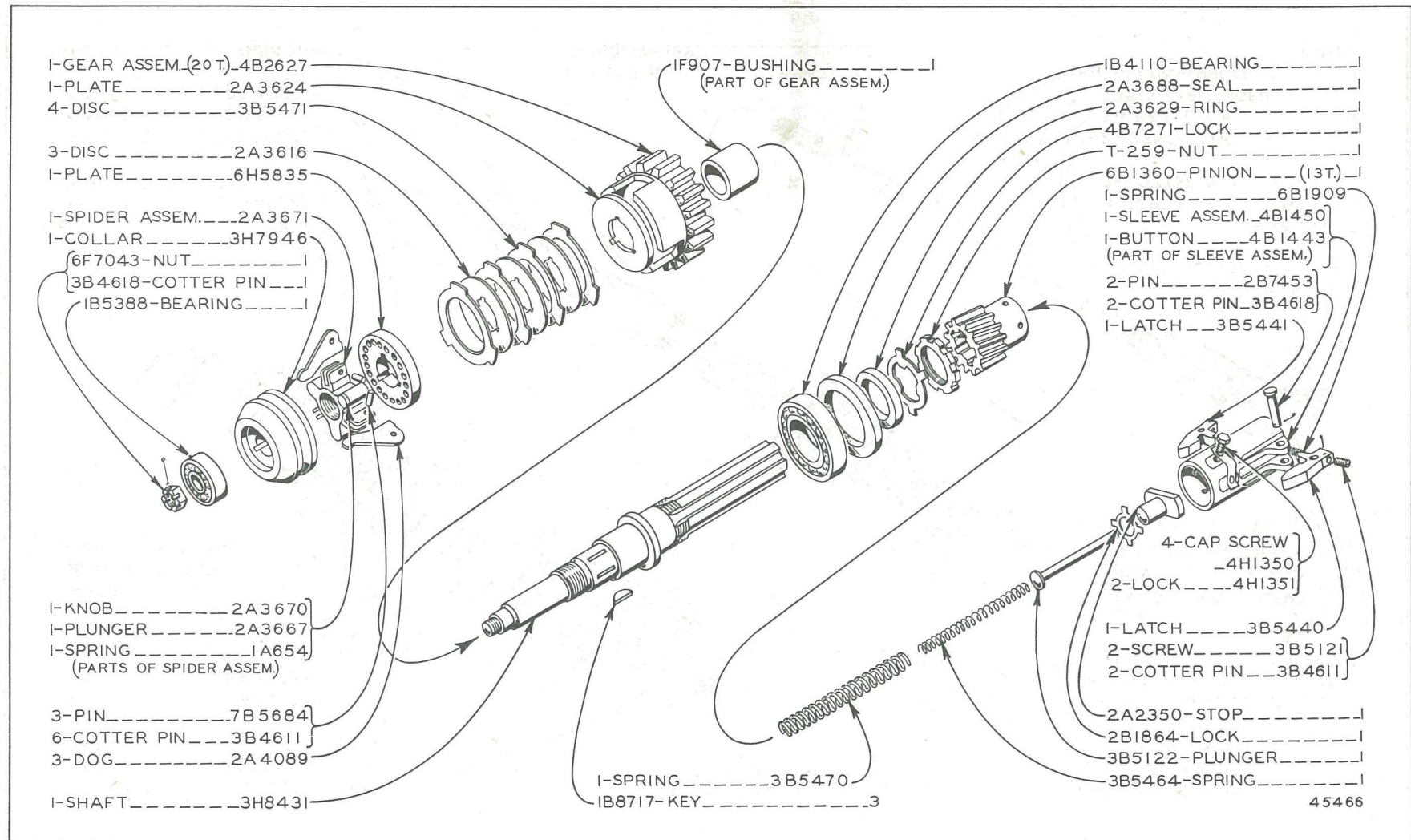
4S6471 MAGNETO ASSEMBLY—Field Installation

97694

STARTING ENGINE

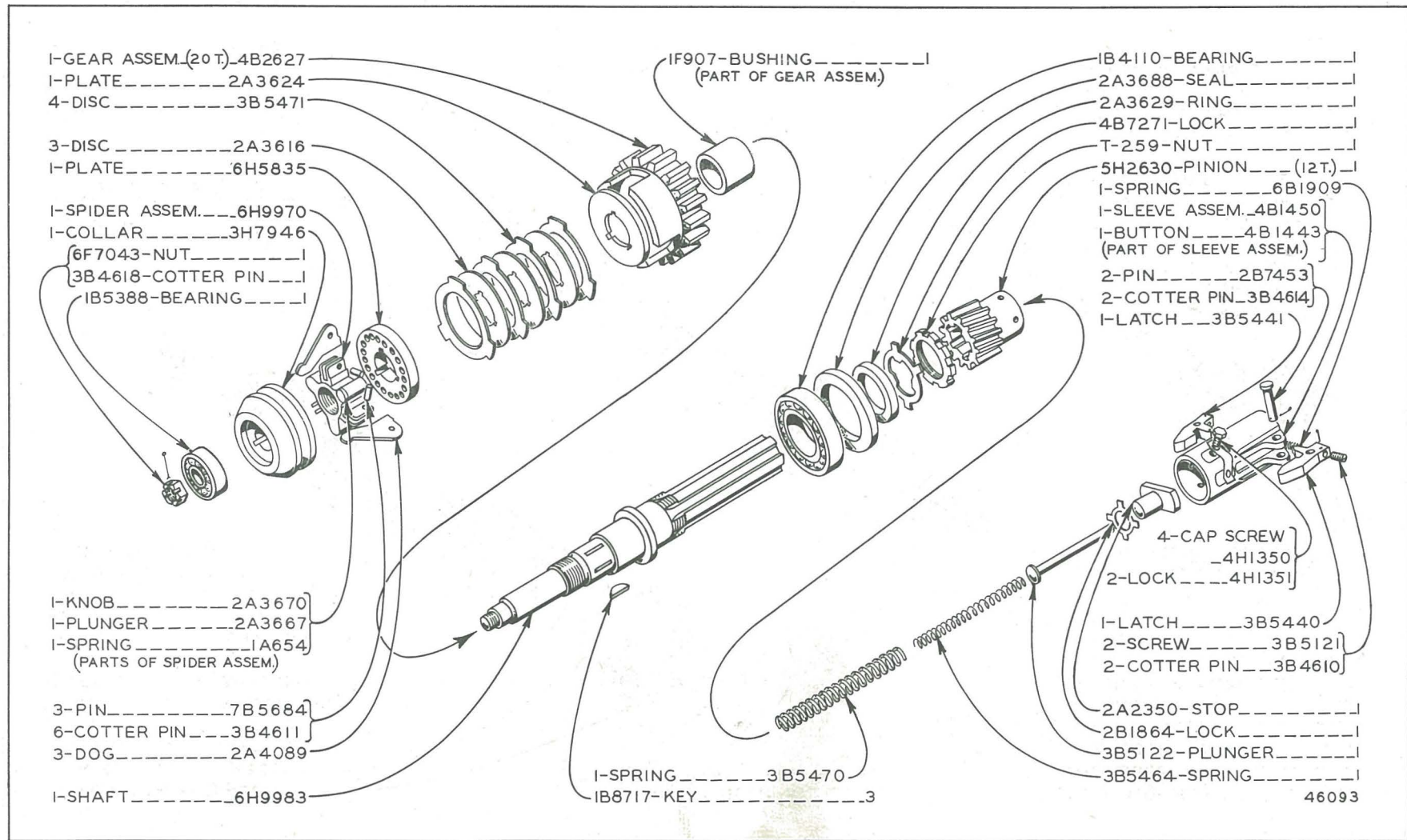
62A

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



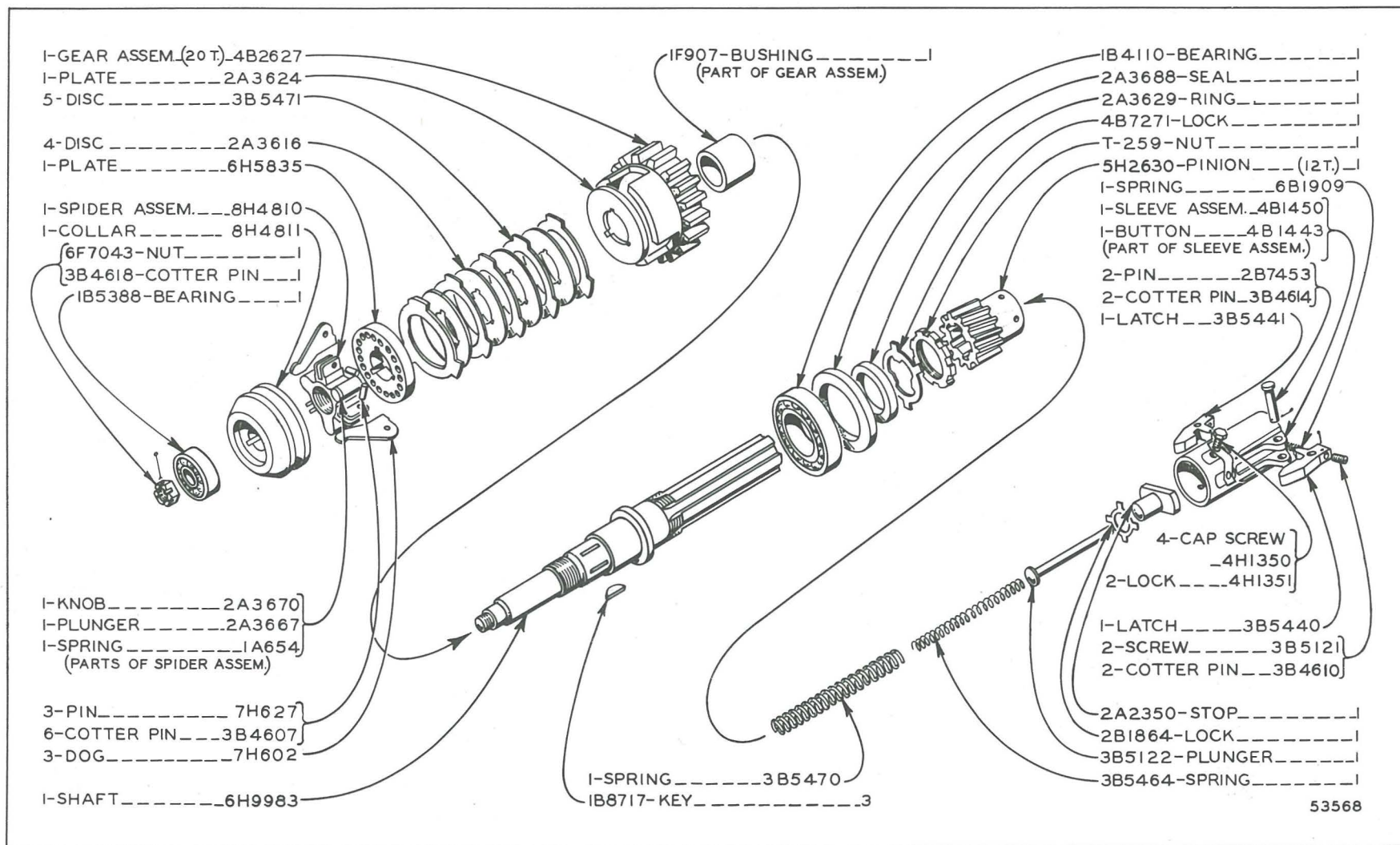
3B8008 CLUTCH AND STARTER PINION GROUP
 Serial No. 11A972 to 11A978, 11A980 to 11A983 and 11A985 to 11A990 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



3B8008 CLUTCH AND STARTER PINION GROUP
 Serial No. 11A979, 11A984, 11A991 to 11A3092, 11A3098 and 11A3101 inclusive

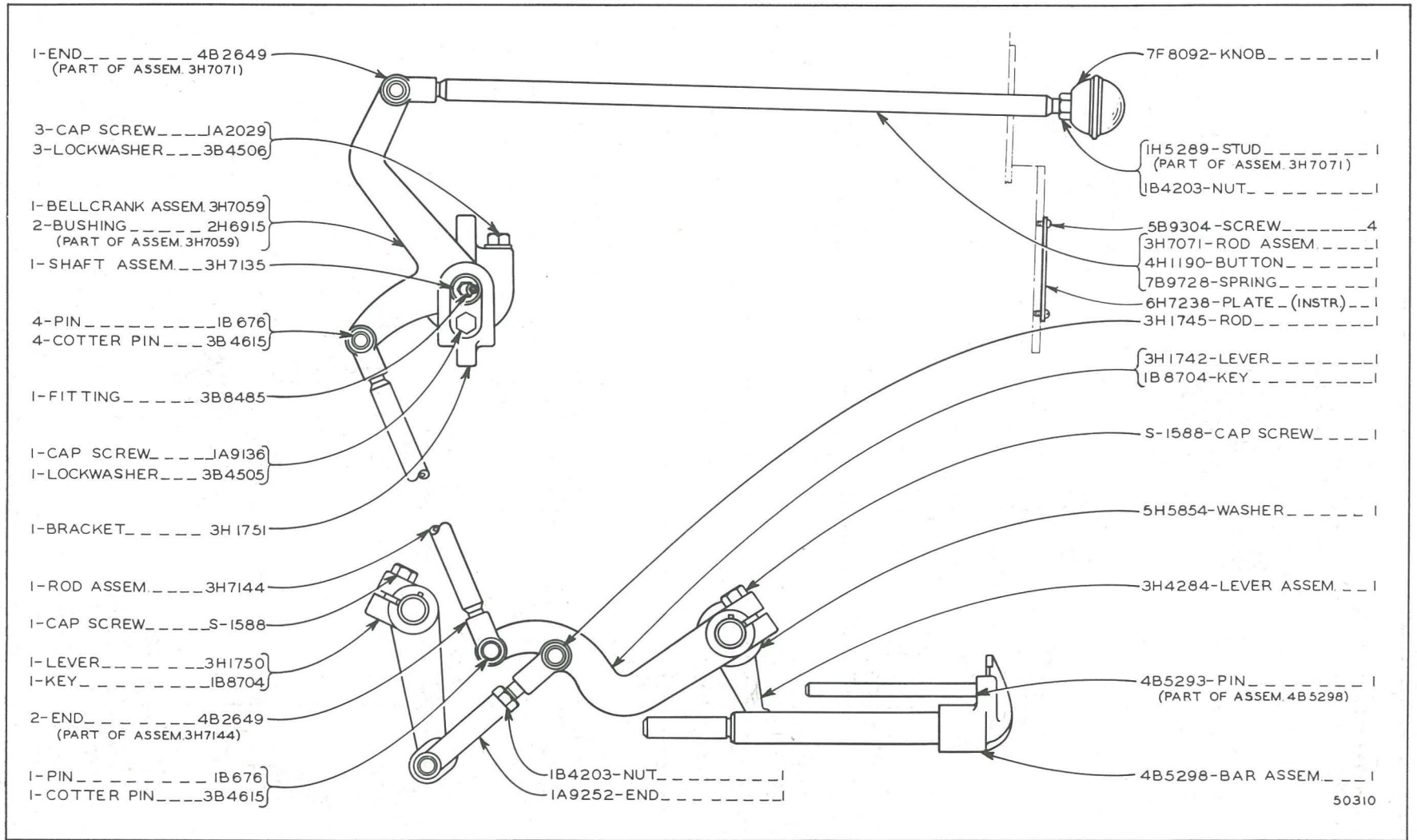
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



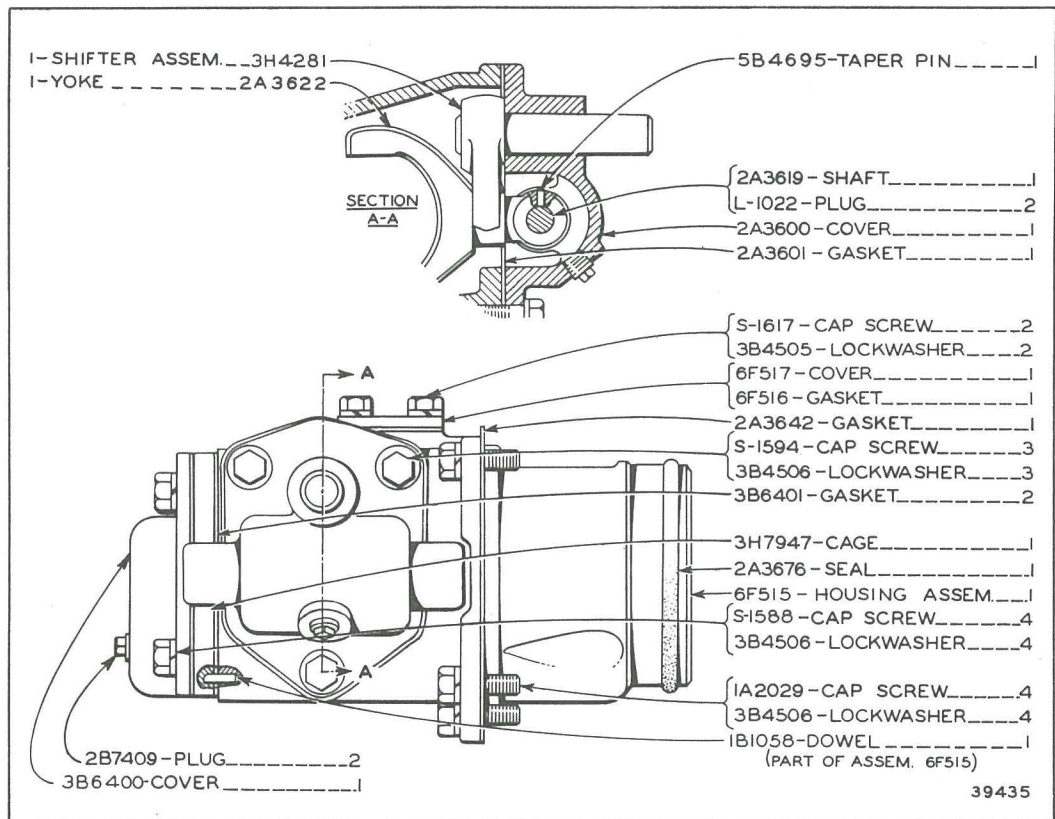
53568

3B8008 CLUTCH AND STARTER PINION GROUP
 Serial No. 11A3093 to 11A3097, 11A3099, 11A3100 and 11A3102—Up

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

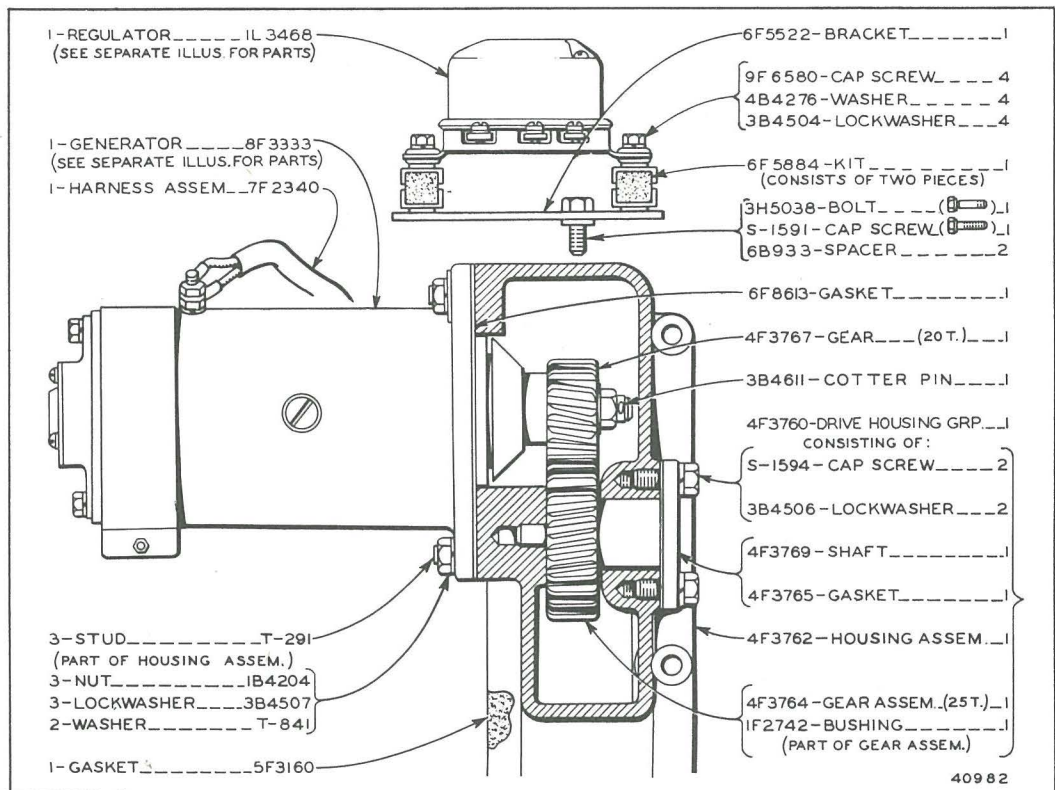


3H7079 CLUTCH AND STARTER PINION CONTROL GROUP



3H636 CLUTCH HOUSING GROUP

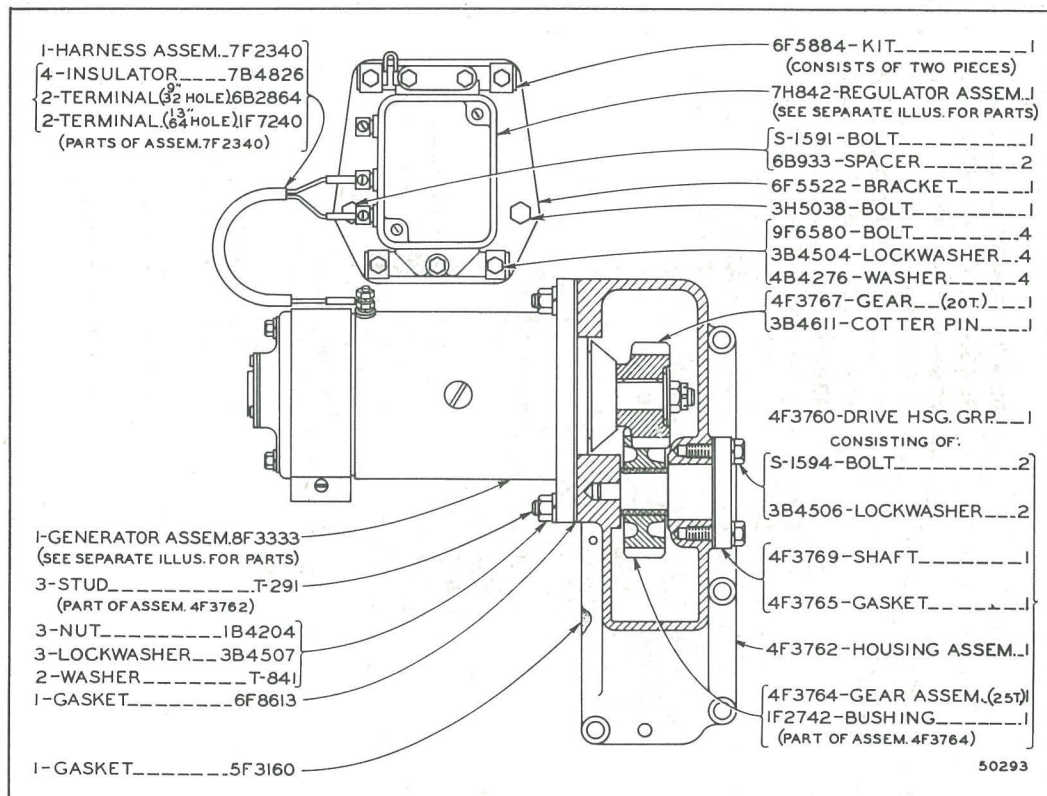
Note: 2H5107 Starting Engine Clutch Mechanism Gasket Group is available



5F116 GENERATOR GROUP—6 Volt, 19 Ampere

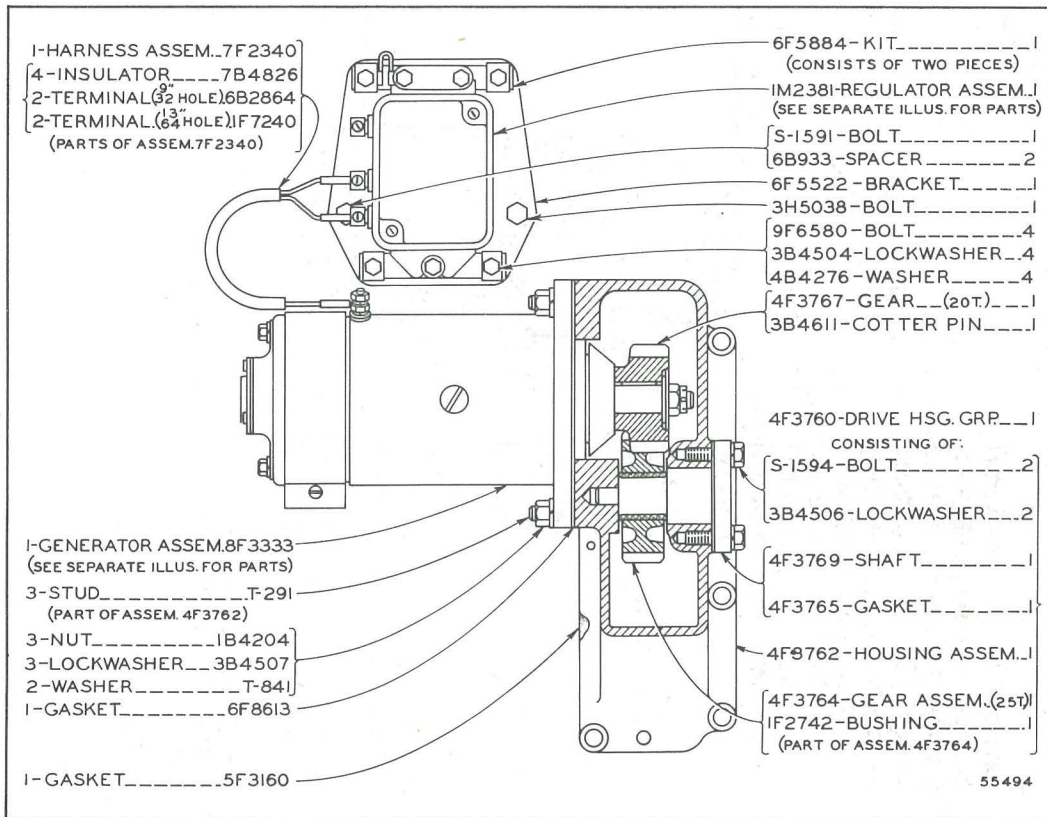
Serial No. 11A1 to 11A1422, 11A1424, 11A1425, 11A1428 and 11A1431 inclusive
For use with Battery. 8F3333 Generator and 1L3468 Regulator parts are shown on
Pages 70 and 71

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



5F1116 GENERATOR GROUP—6 Volt, 19 Ampere

Serial No. 11A1423, 11A1426, 11A1427, 11A1429, 11A1430 and 11A1432 to 11A3513 inclusive. For use with Battery. 8F3333 Generator and 7H842 Regulator parts are shown on Pages 70 and 72

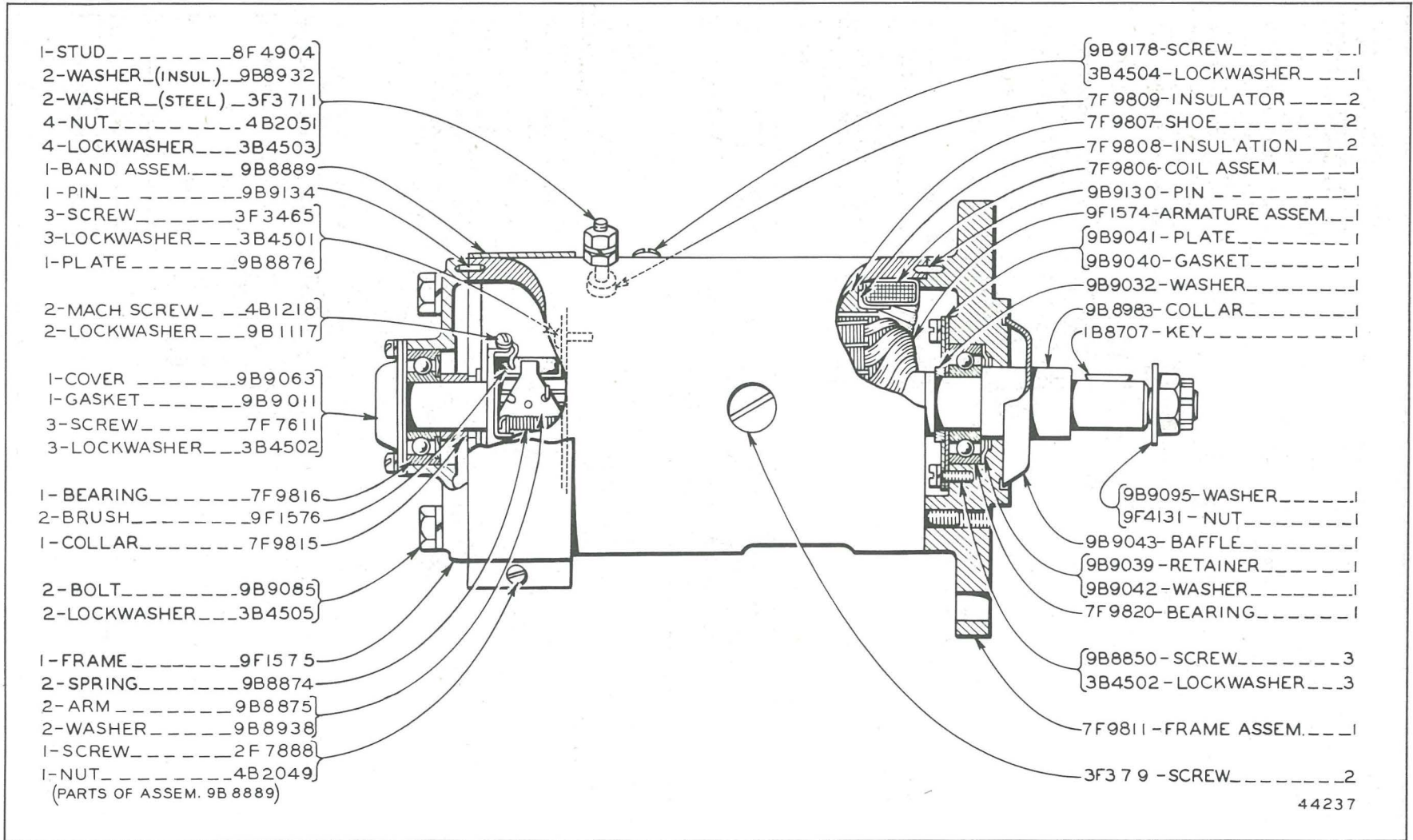


5F1116 GENERATOR GROUP—6 Volt, 19 Ampere

Effective with Serial No. 11A3514. For use with Battery
 8F3333 Generator and IM2381 Regulator parts are shown on Pages 70 and 73

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

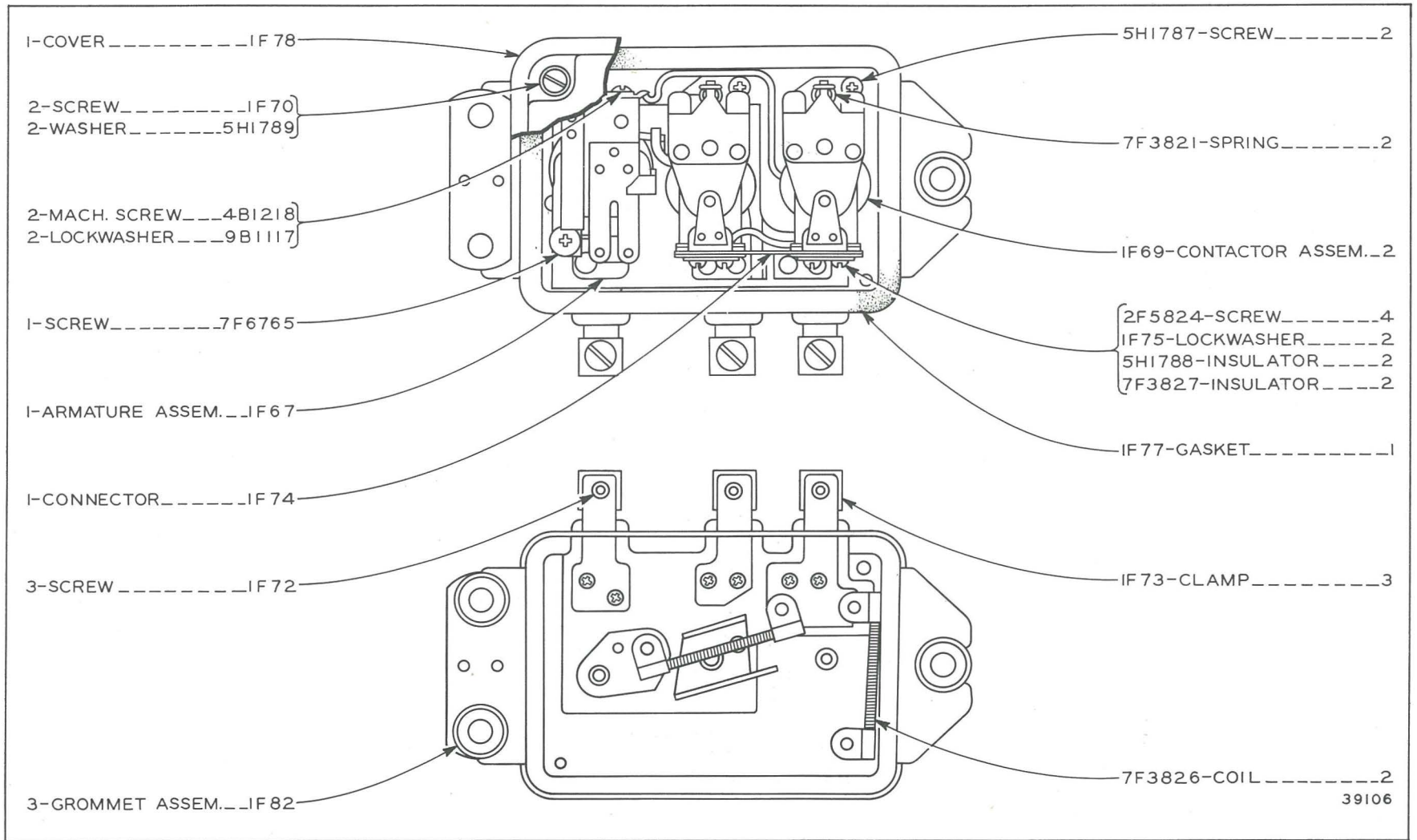
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



44237

8F3333 GENERATOR—6 Volt, 19 Ampere
 Part of 5F1116 Generator Group shown on Pages 68 and 69

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

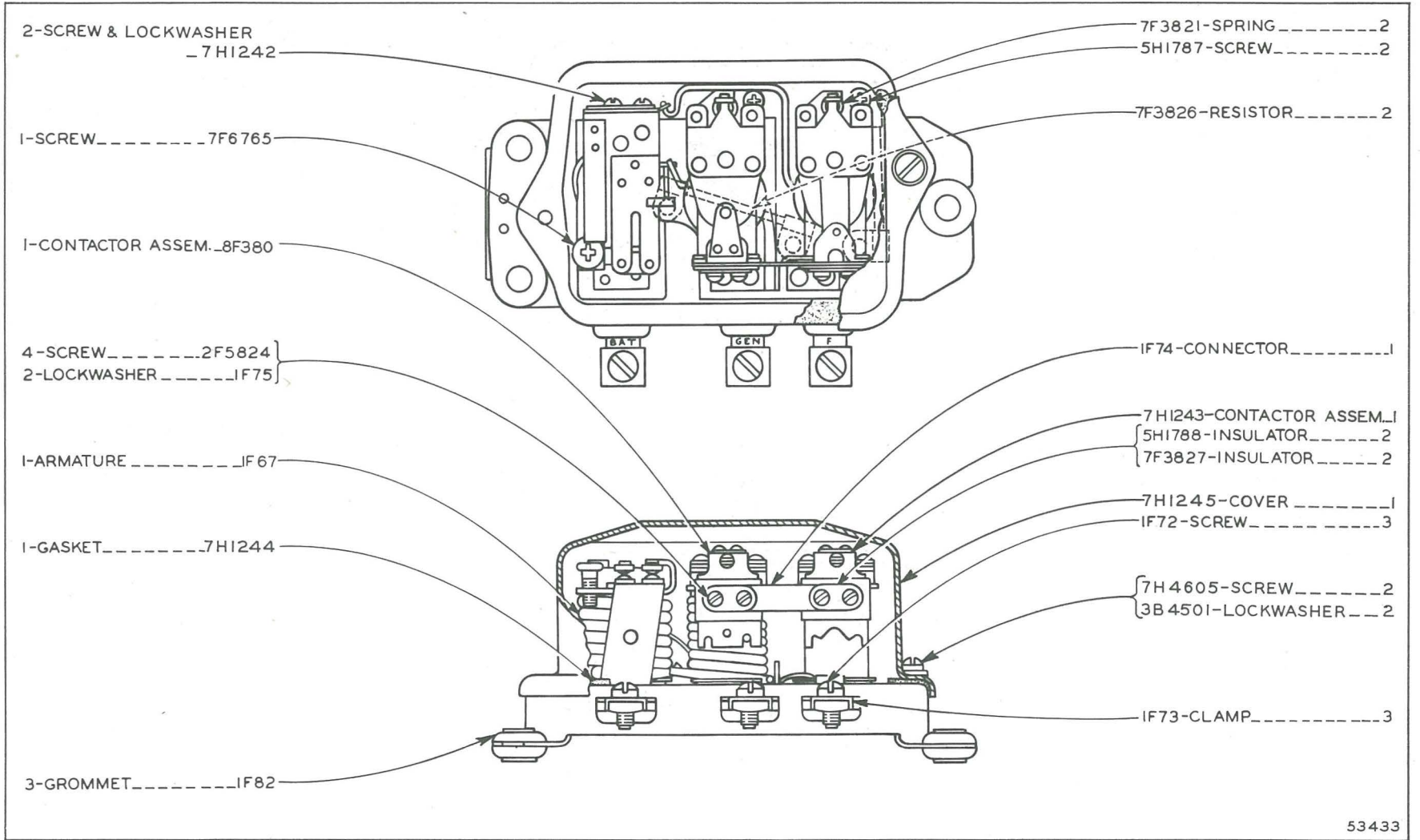


1L3468 REGULATOR—6 Volt, 19 Ampere

Part of 5F1116 Generator Group shown on Page 68

Only separate parts serviced. When complete Regulator is required order 1M2381 shown on Page 73

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



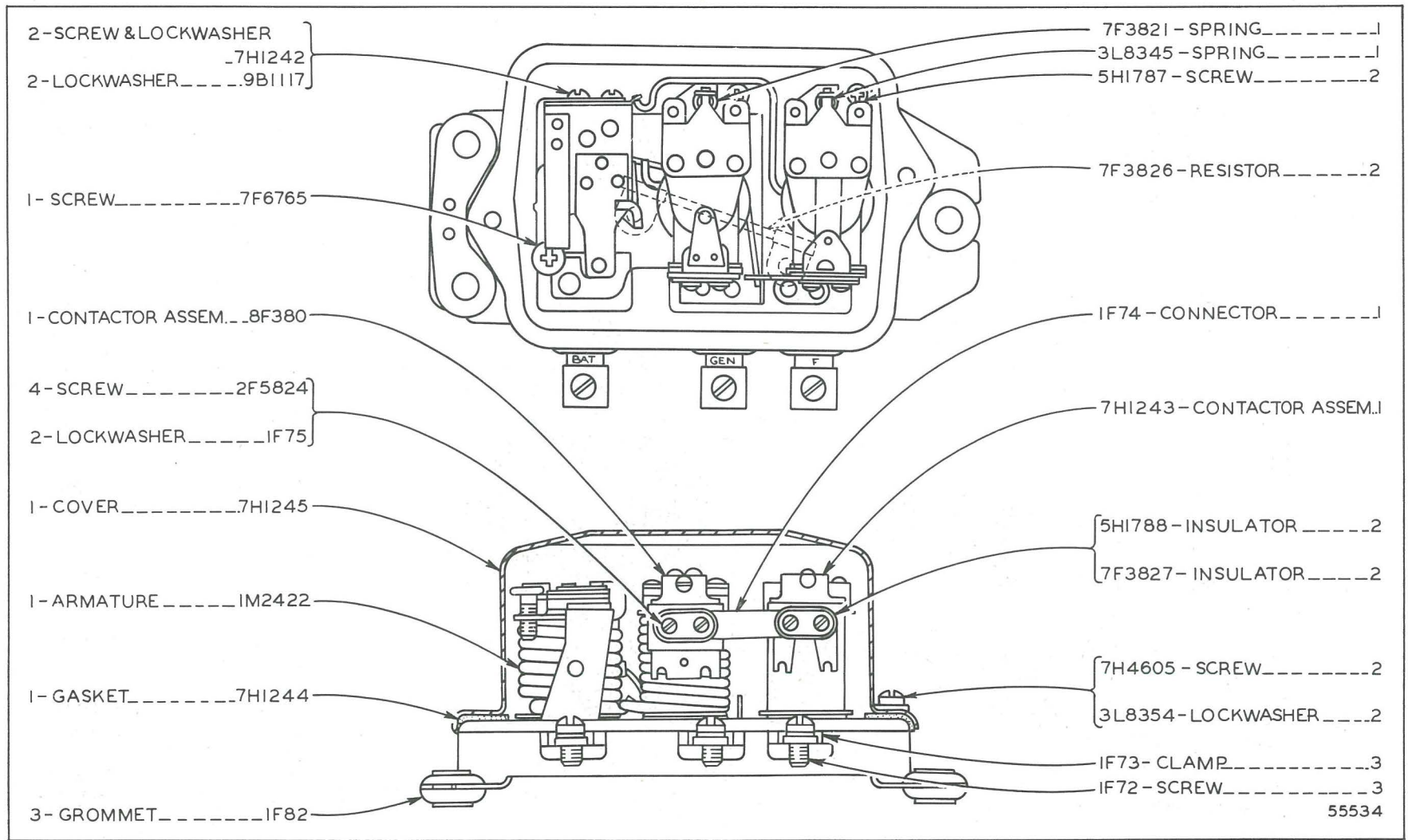
72 "CATERPILLAR" NO. 933 TRAXCAVATOR

7H842 REGULATOR—6 Volt, 19 Ampere

Part of 5F1116 Generator Group shown on Page 69

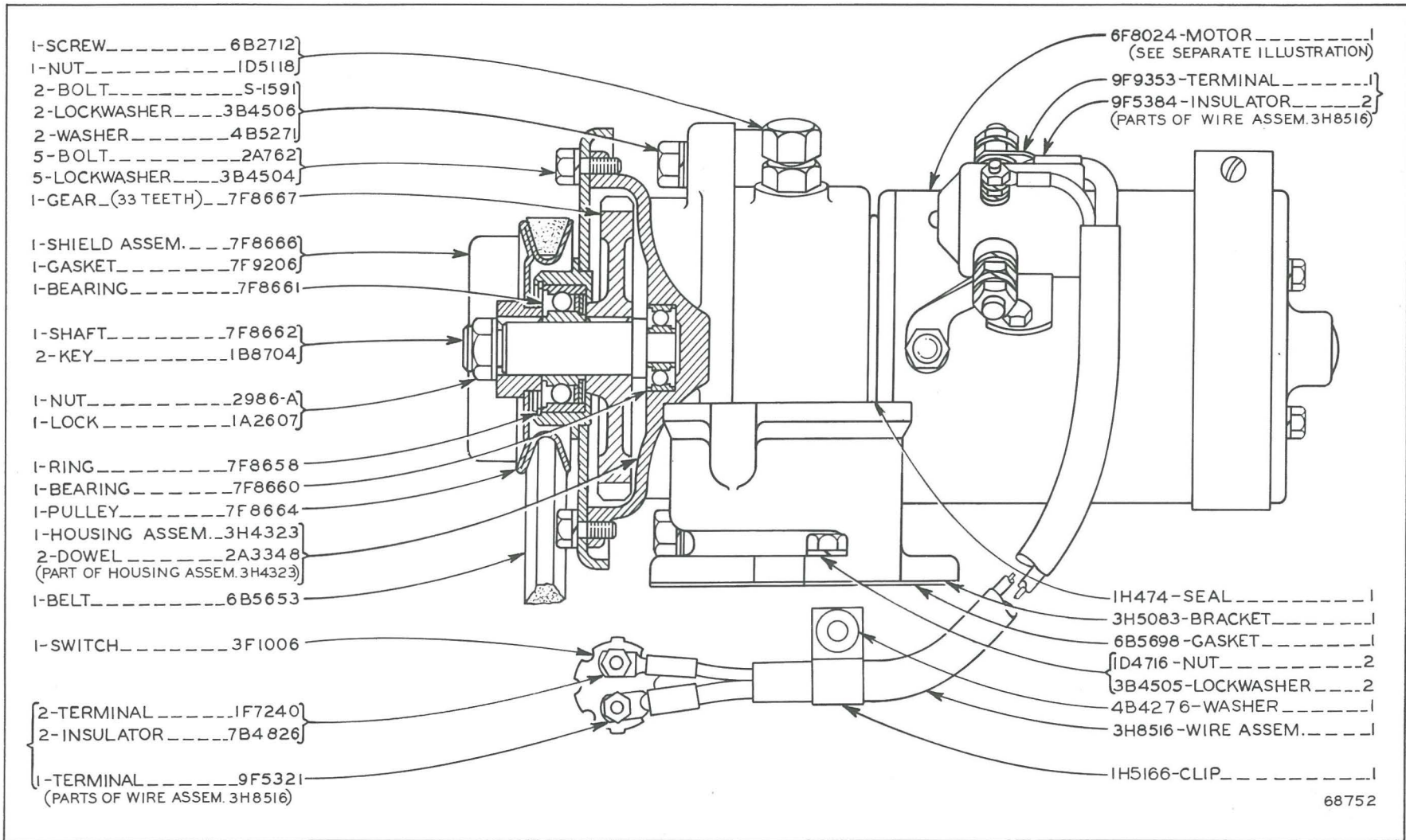
Only separate parts serviced. When complete Regulator is required order IM2381

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



IM2381 REGULATOR—6 Volt, 19 Ampere
Part of 5F1116 Generator Group shown on Page 69

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

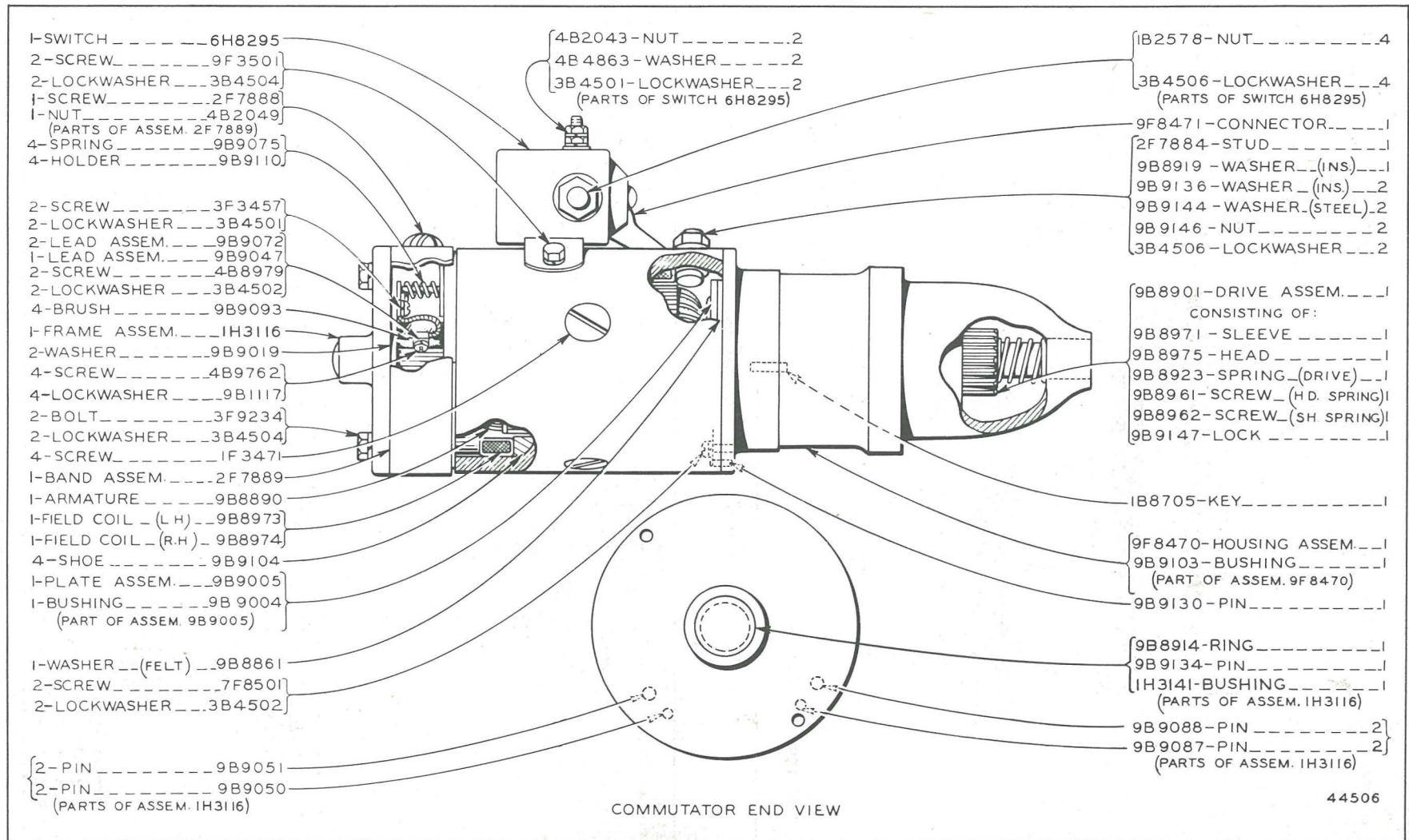


68752

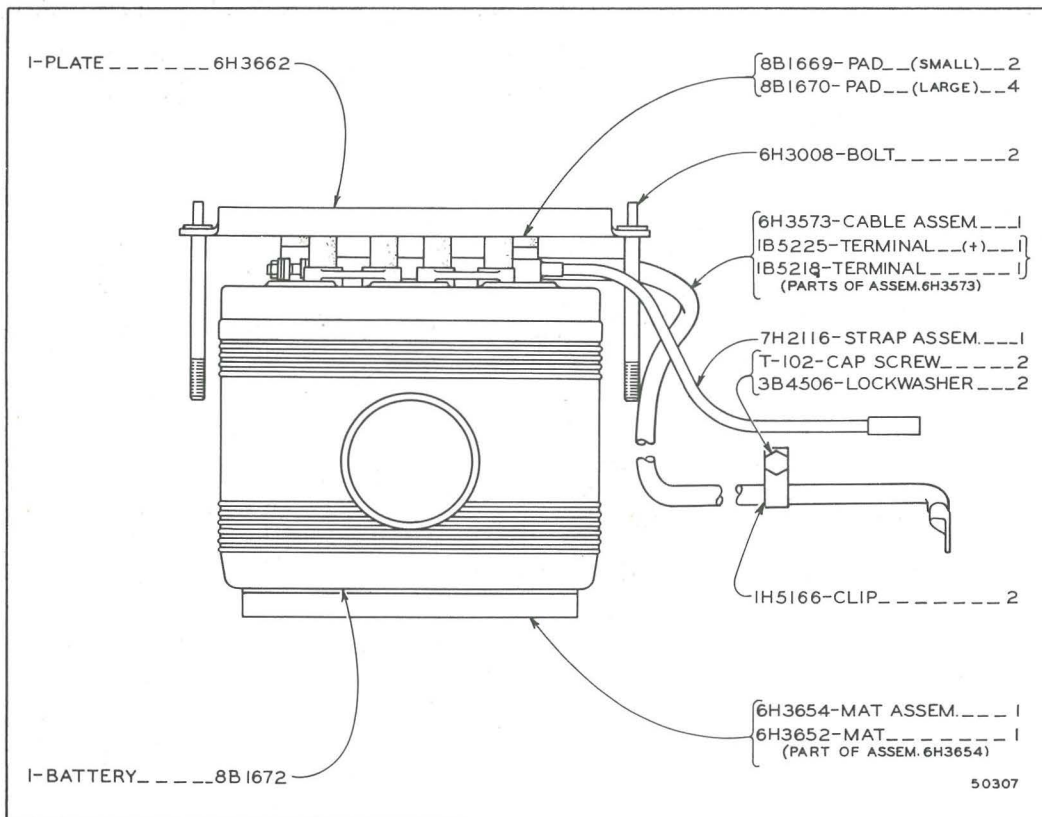
3H6512 ELECTRIC STARTER GROUP—6 Volt

74 "CATERPILLAR" NO. 933 TRAXCAVATOR

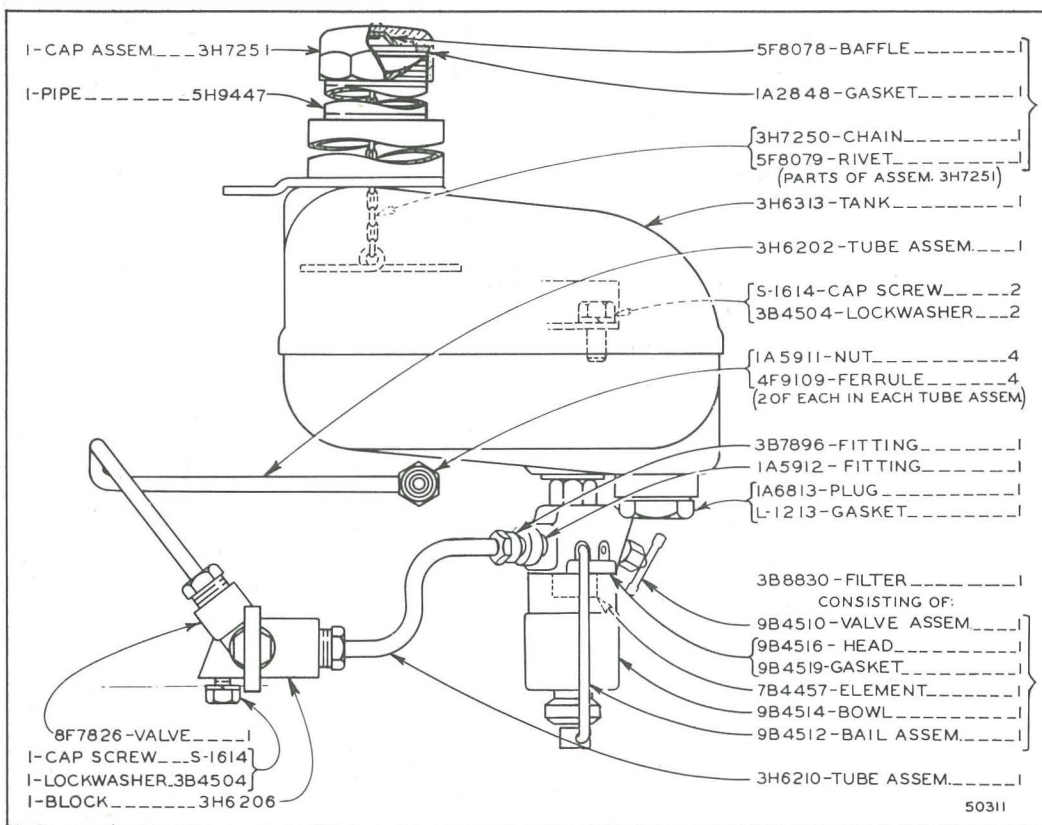
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



6F8024 MOTOR—6 Volt
 Part of 3H6512 Electric Starter Group

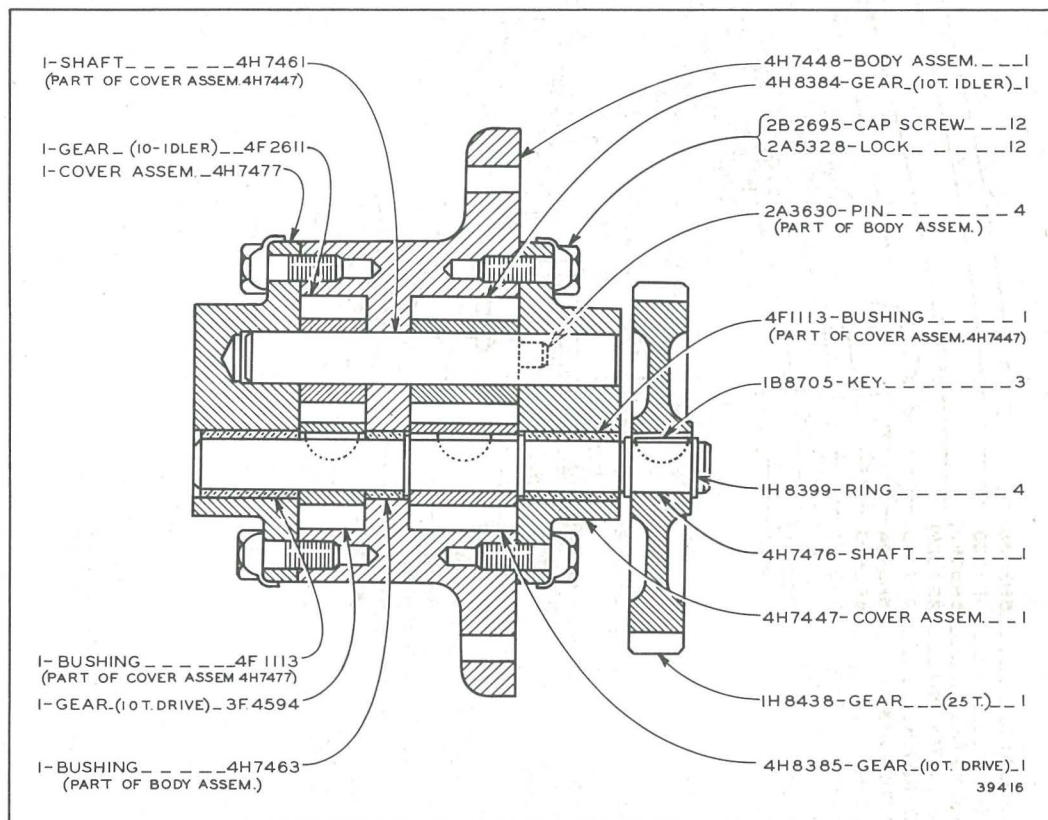


6H3644 BATTERY GROUP—6 Volt



3H6363 FUEL SYSTEM GROUP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

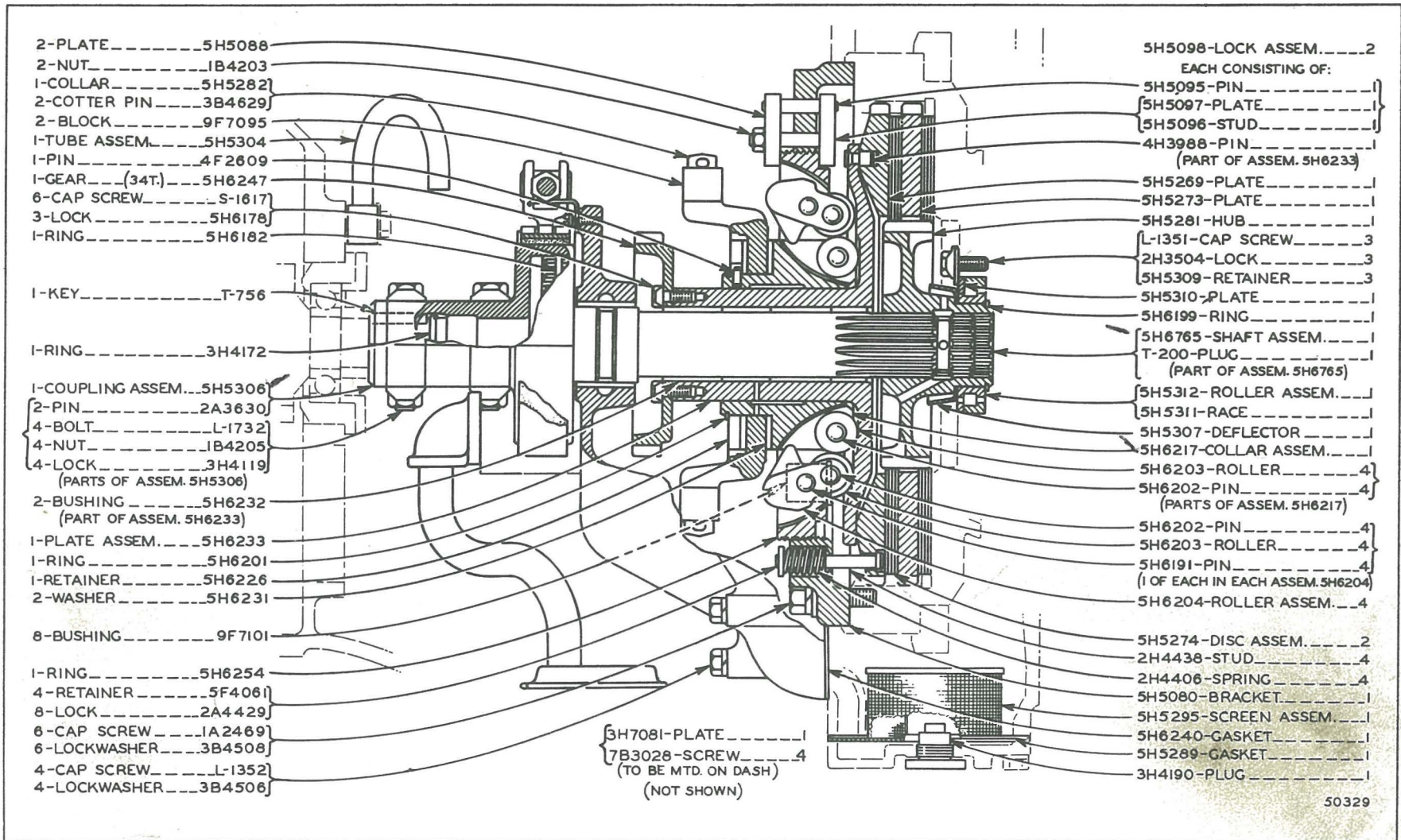


4H7498 OIL PUMP GROUP

Part of 5H5510 Flywheel Clutch Group shown on Page 79

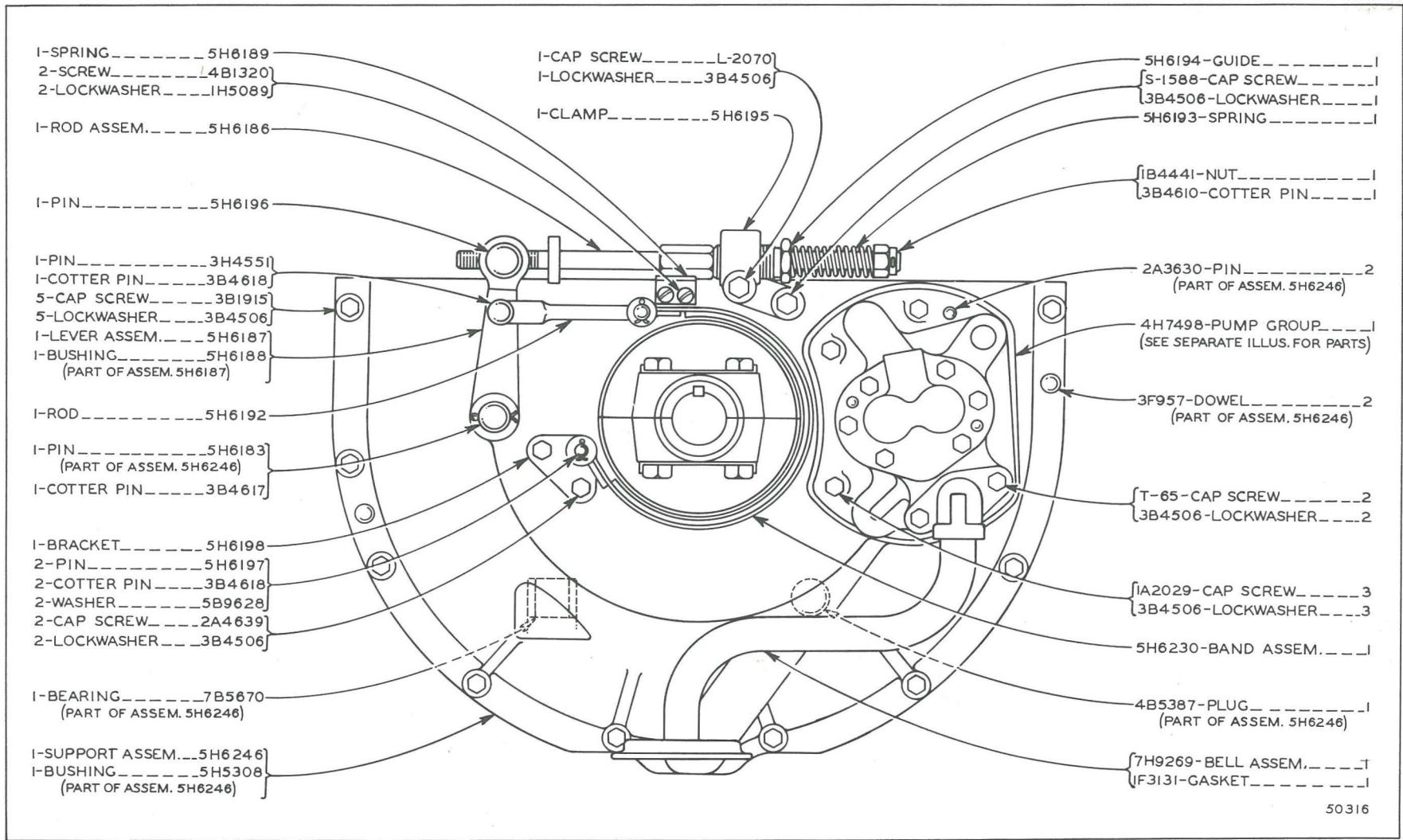
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



50329

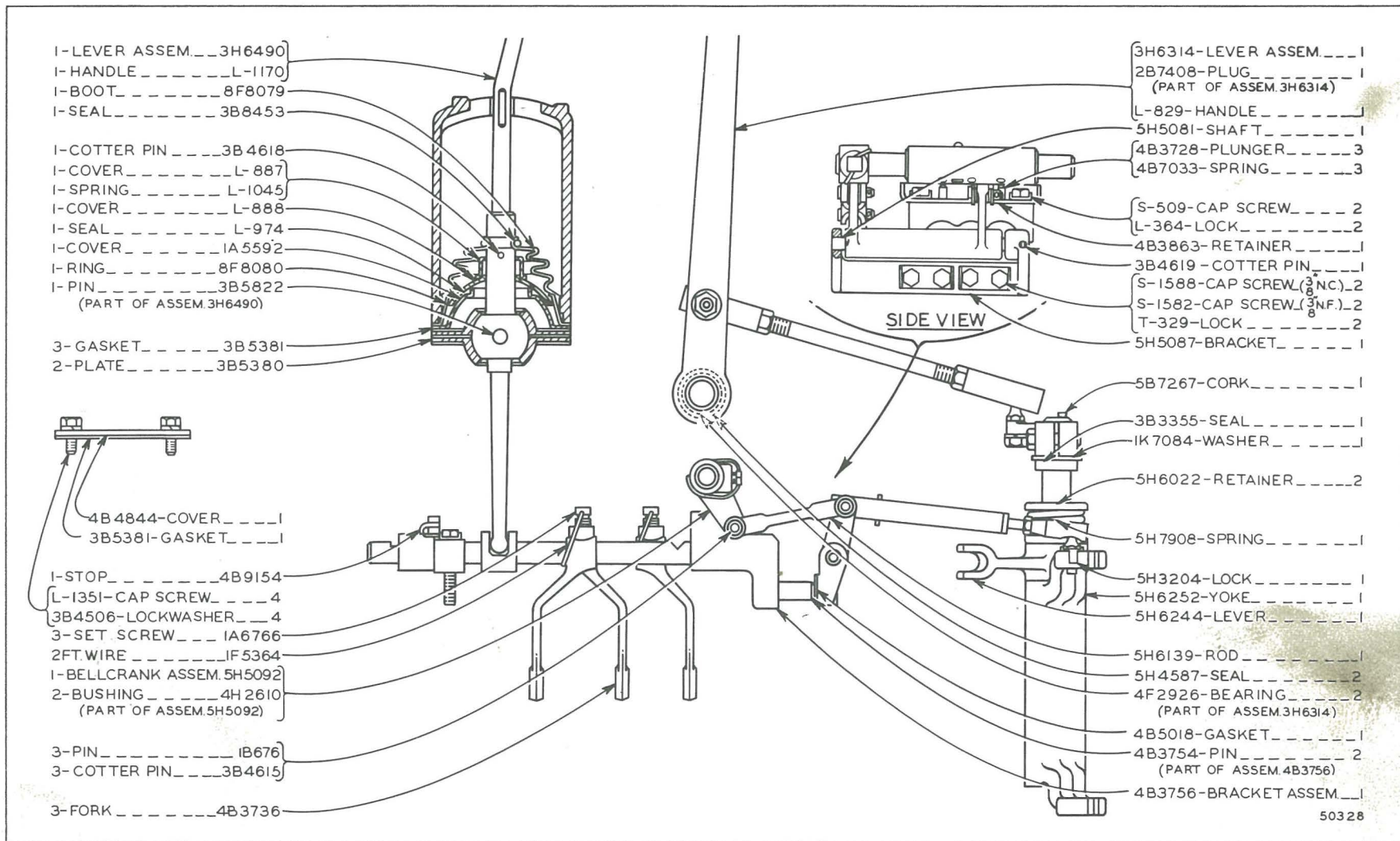
5H5510 FLYWHEEL CLUTCH GROUP—Side View



5H5510 FLYWHEEL CLUTCH GROUP—Rear View
 4H7498 Pump Group parts are shown on Page 77

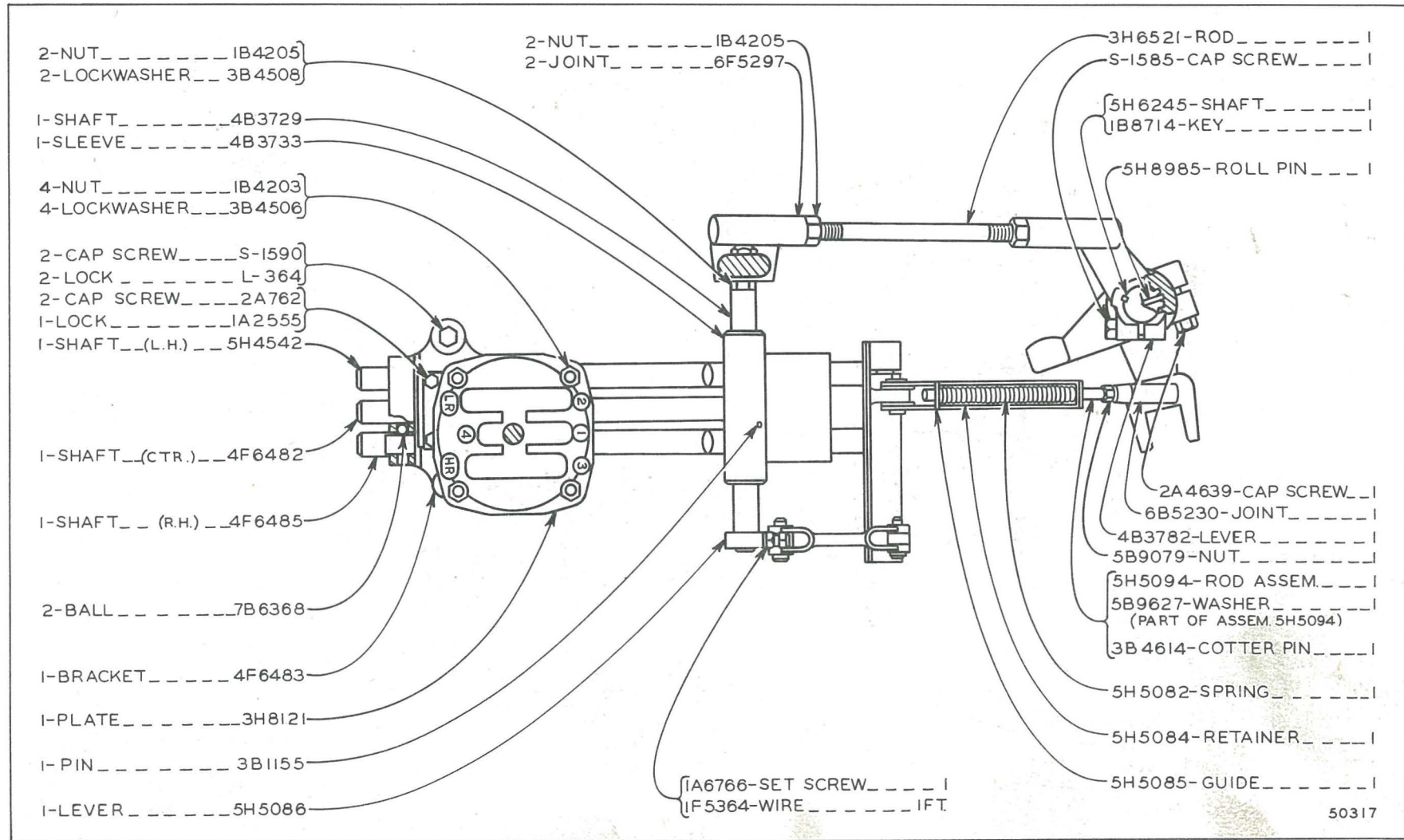
50316

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



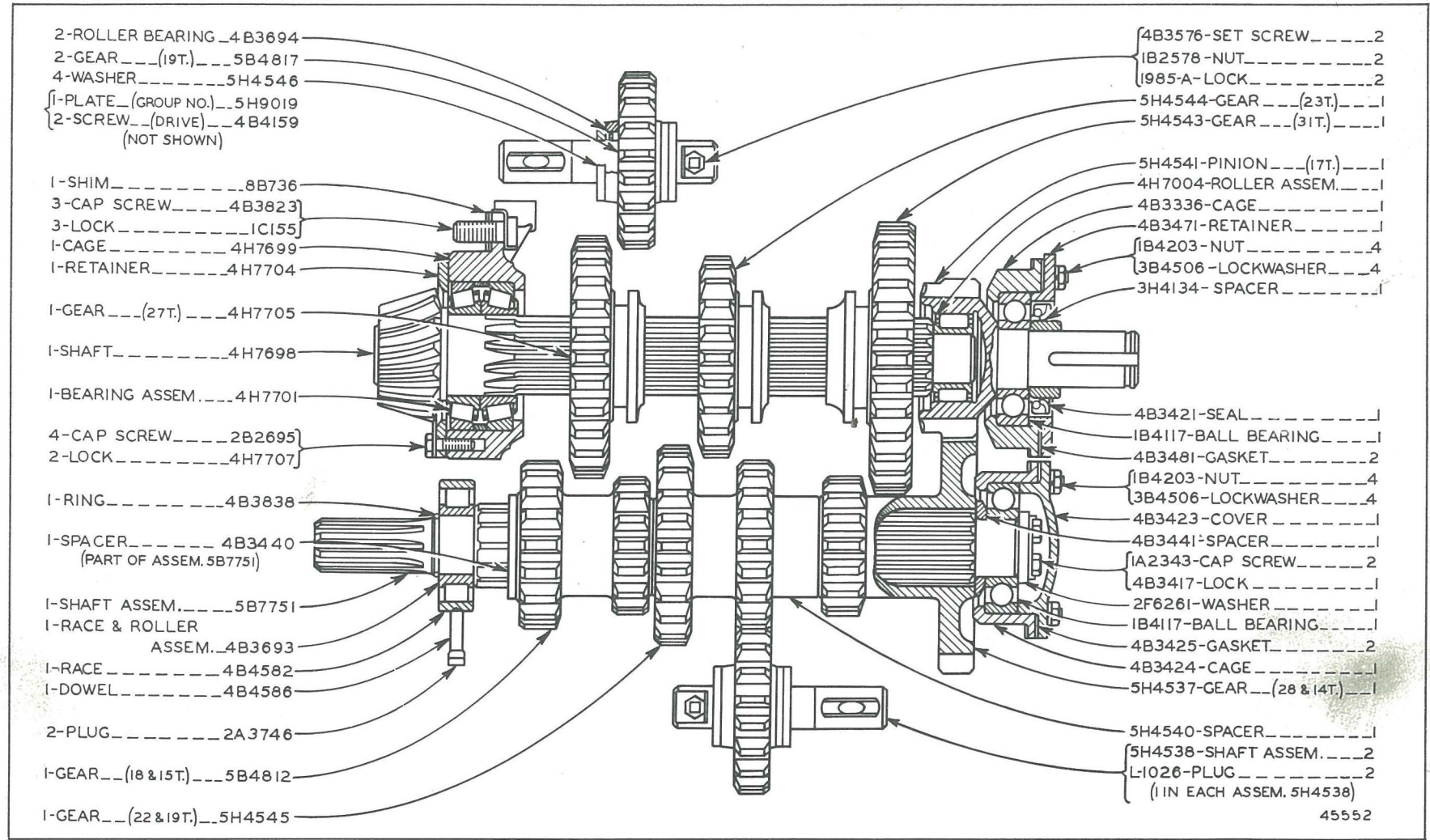
GEAR SHIFT AND FLYWHEEL CLUTCH CONTROL—Side View

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



GEAR SHIFT AND FLYWHEEL CLUTCH CONTROL—Top View

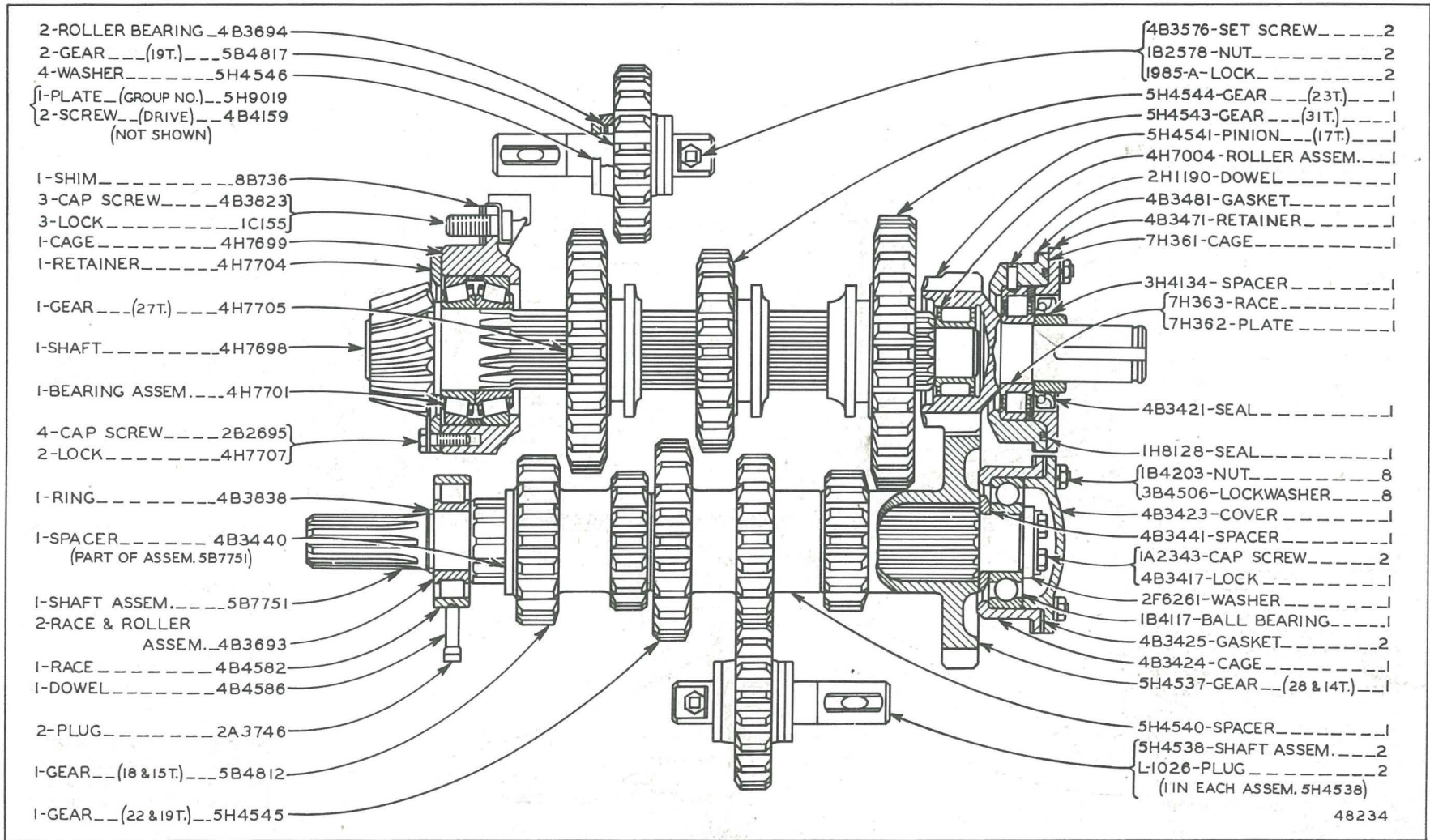
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



TRANSMISSION

Serial No. 11A1 to 11A1647 inclusive

Note: This Group provides the following speeds: (Forward) First—1.64, Second—2.43, Third—3.48 and Fourth—6.0 M.P.H.;
 (Reverse) Low—2.02 and High—3.01 M.P.H.

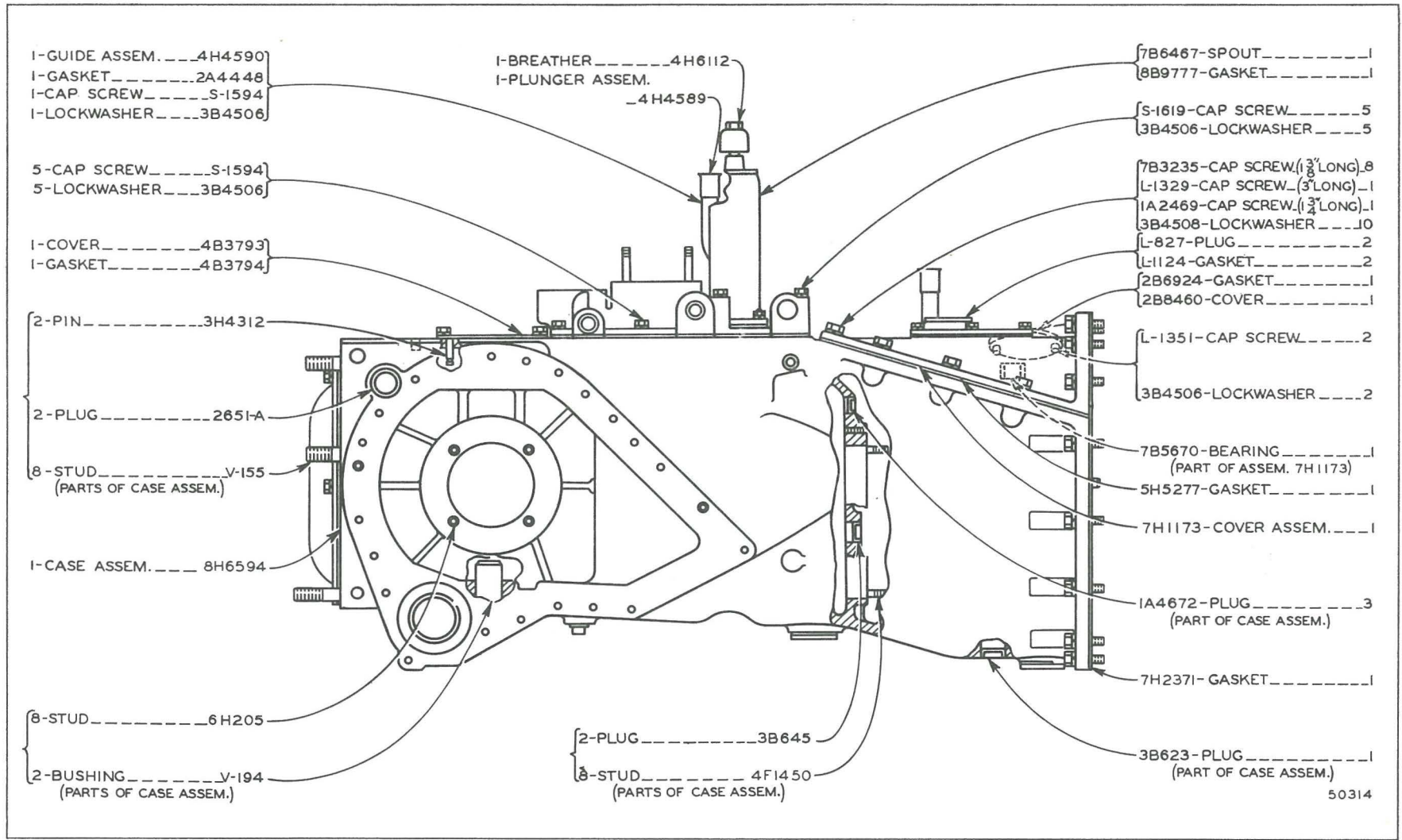


TRANSMISSION

Effective with Serial No. 11A1648

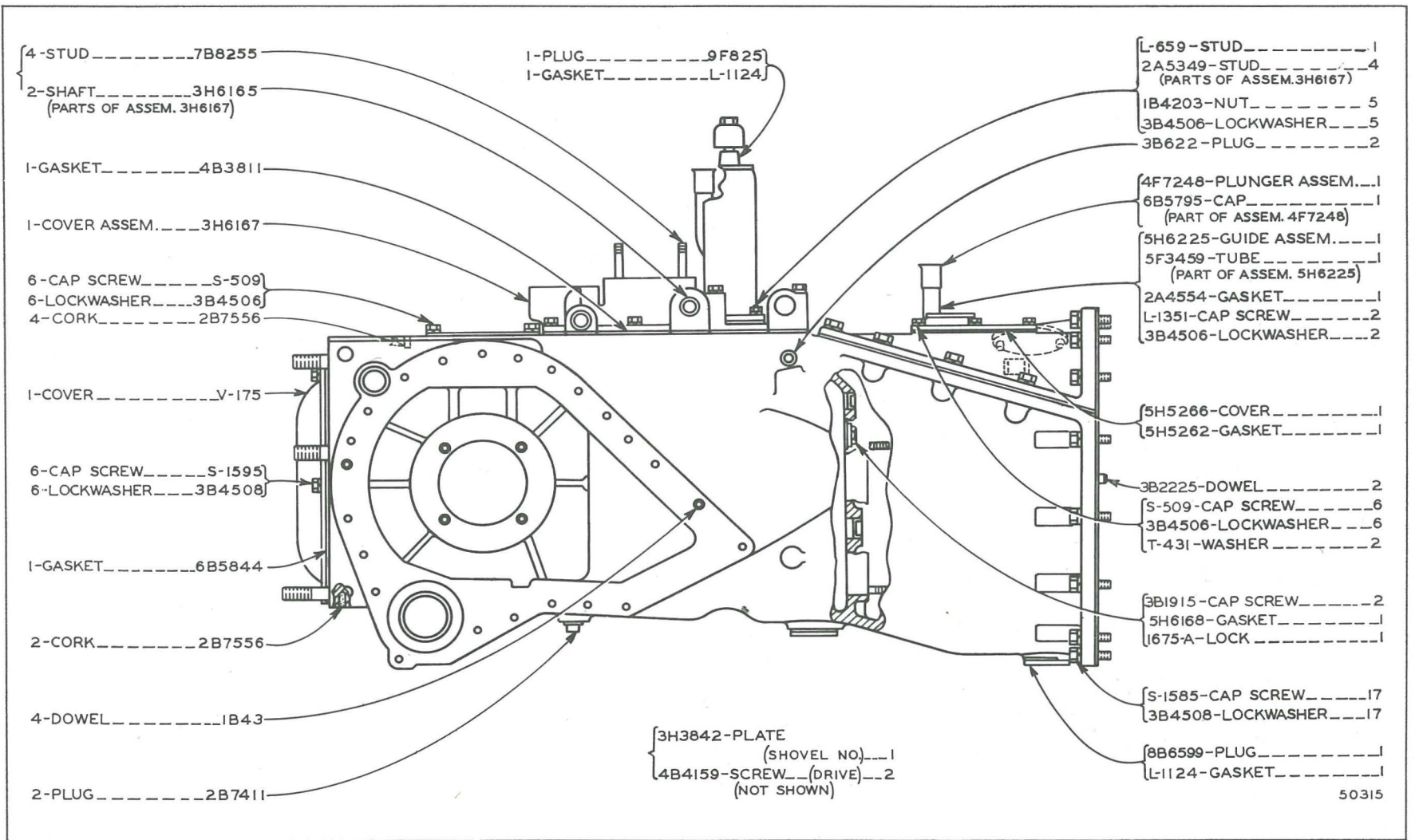
Note: This Group provides the following speeds: (Forward) First—1.64, Second—2.43, Third—3.48 and Fourth—6.0 M.P.H.;
 (Reverse) Low—2.02 and High—3.01 M.P.H.

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



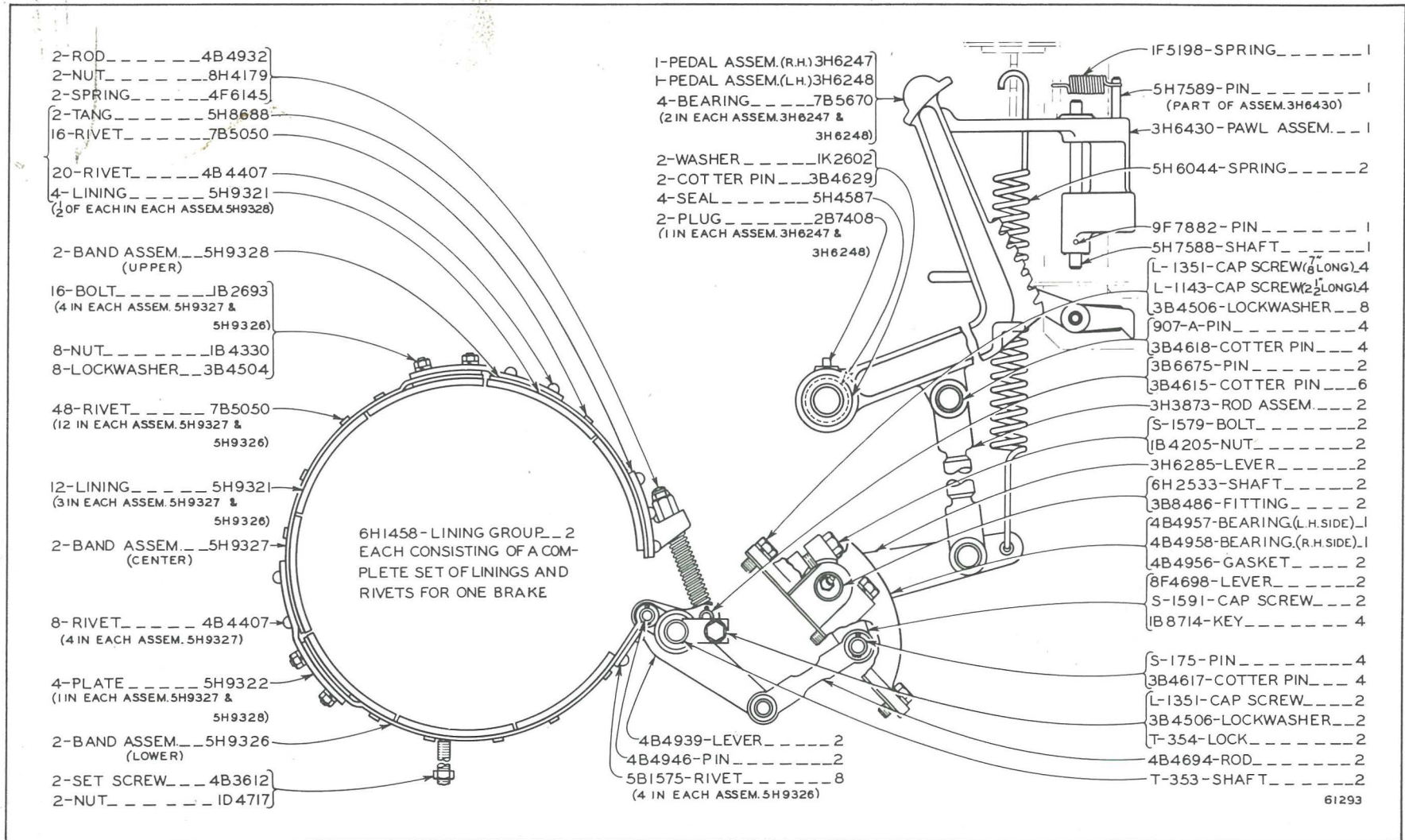
TRANSMISSION CASE AND COVERS—Part One

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



50315

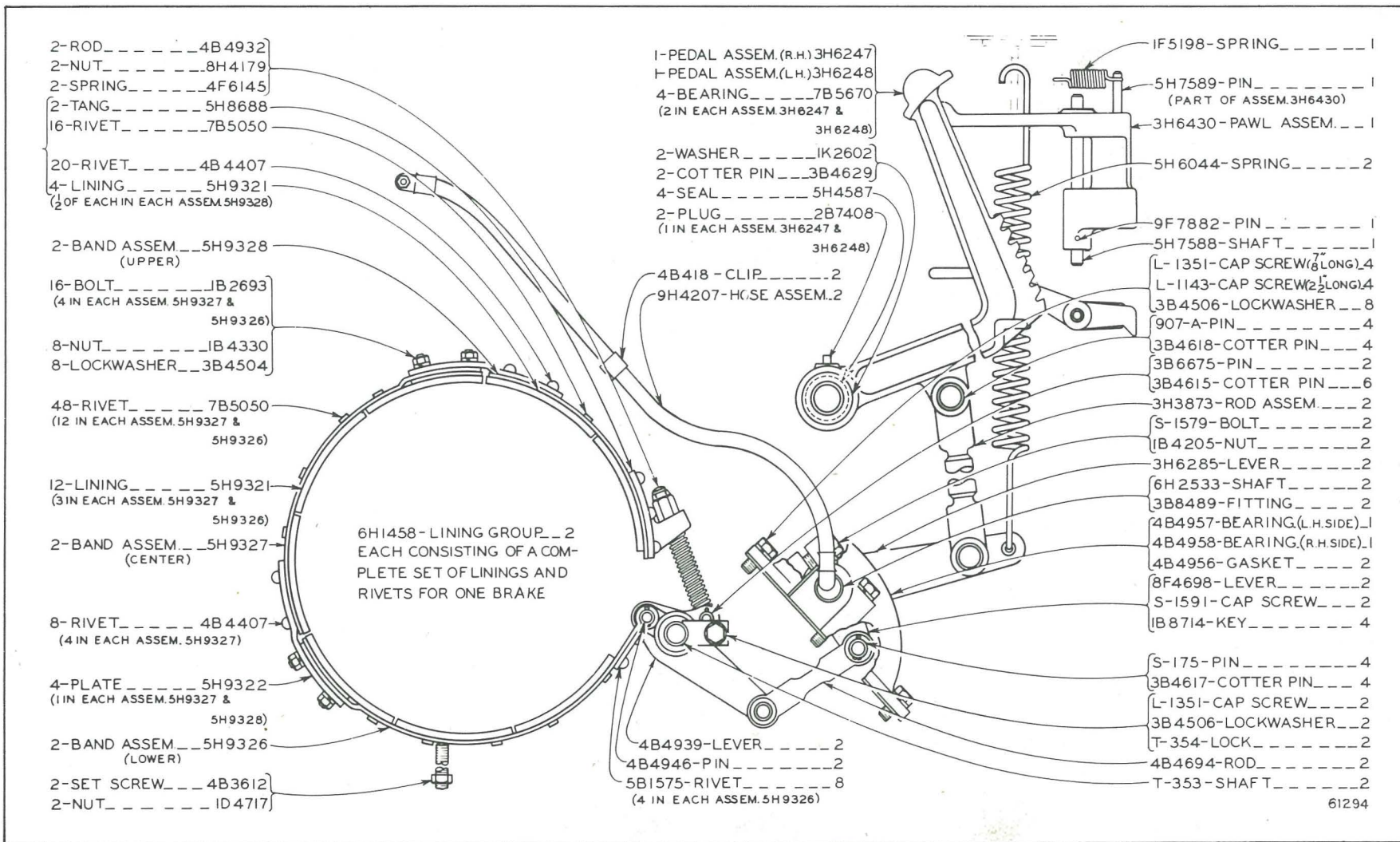
TRANSMISSION CASE AND COVERS—Part Two



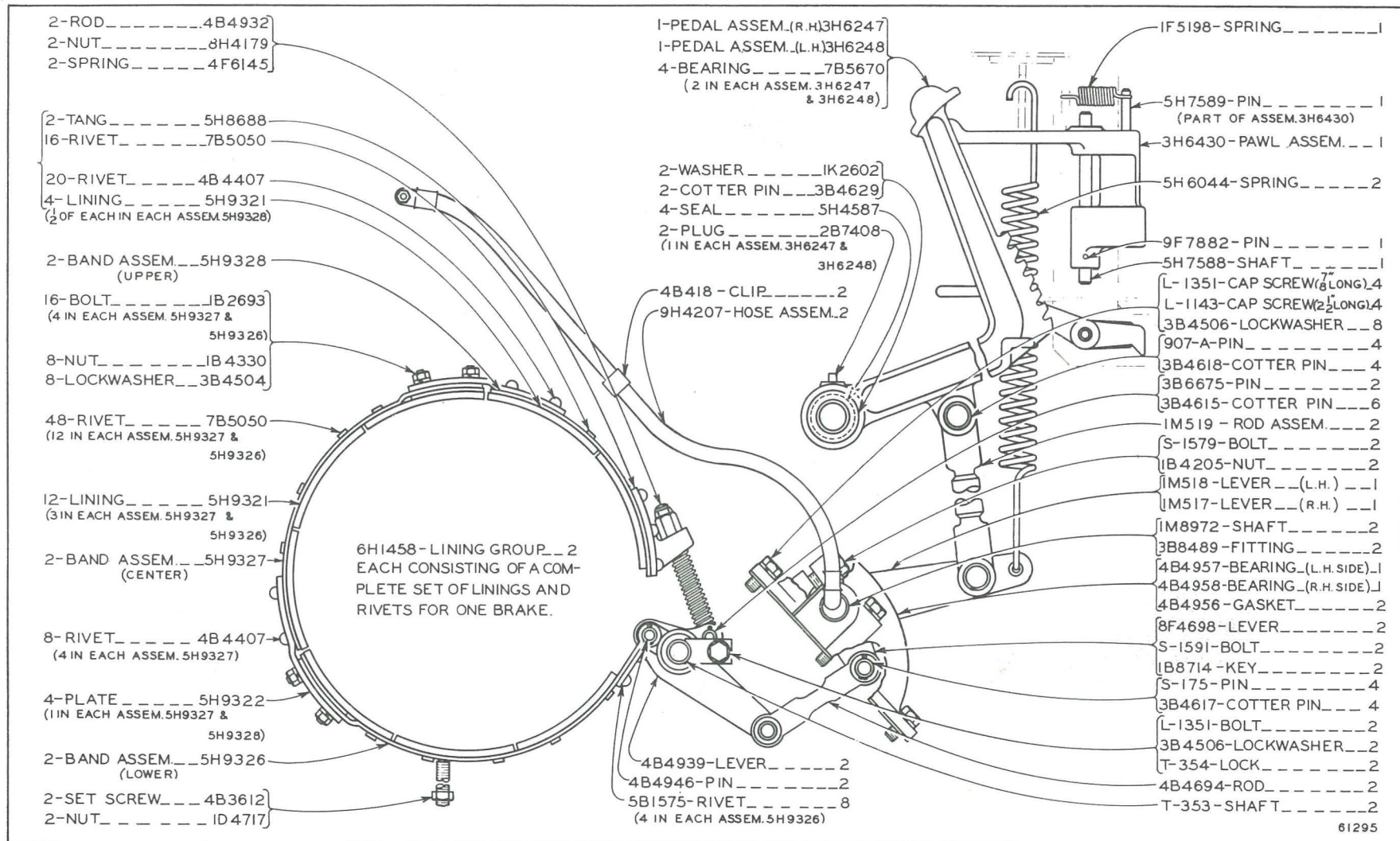
BRAKES

Serial No. 11A1 to 11A2908 inclusive
Refer also to Page 175 for special parts

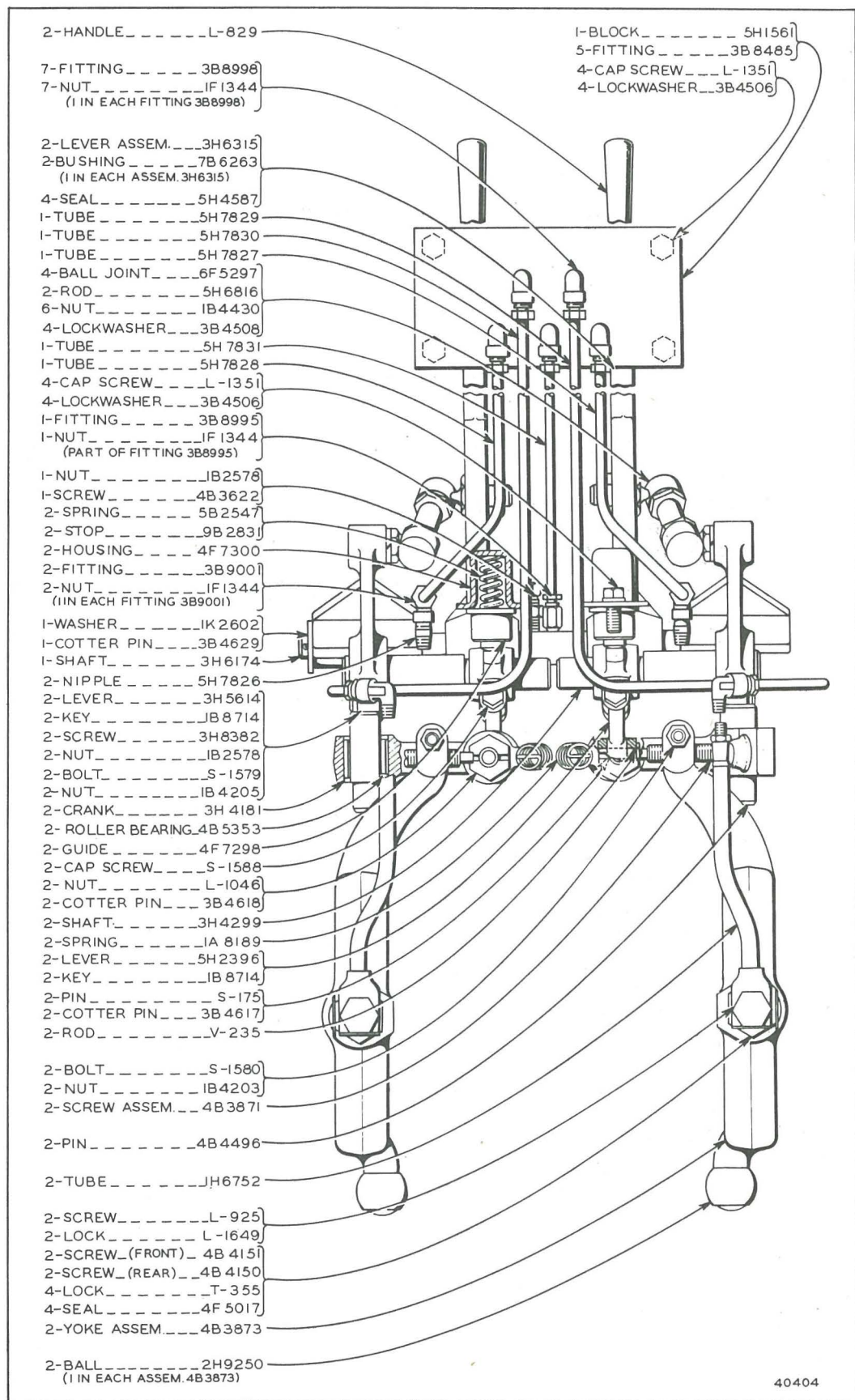
61293



BRAKES
 Serial No. 11A2909 to 11A3527 inclusive
 Refer also to Page 175 for special parts



BRAKES
Effective with Serial No. 11A3528

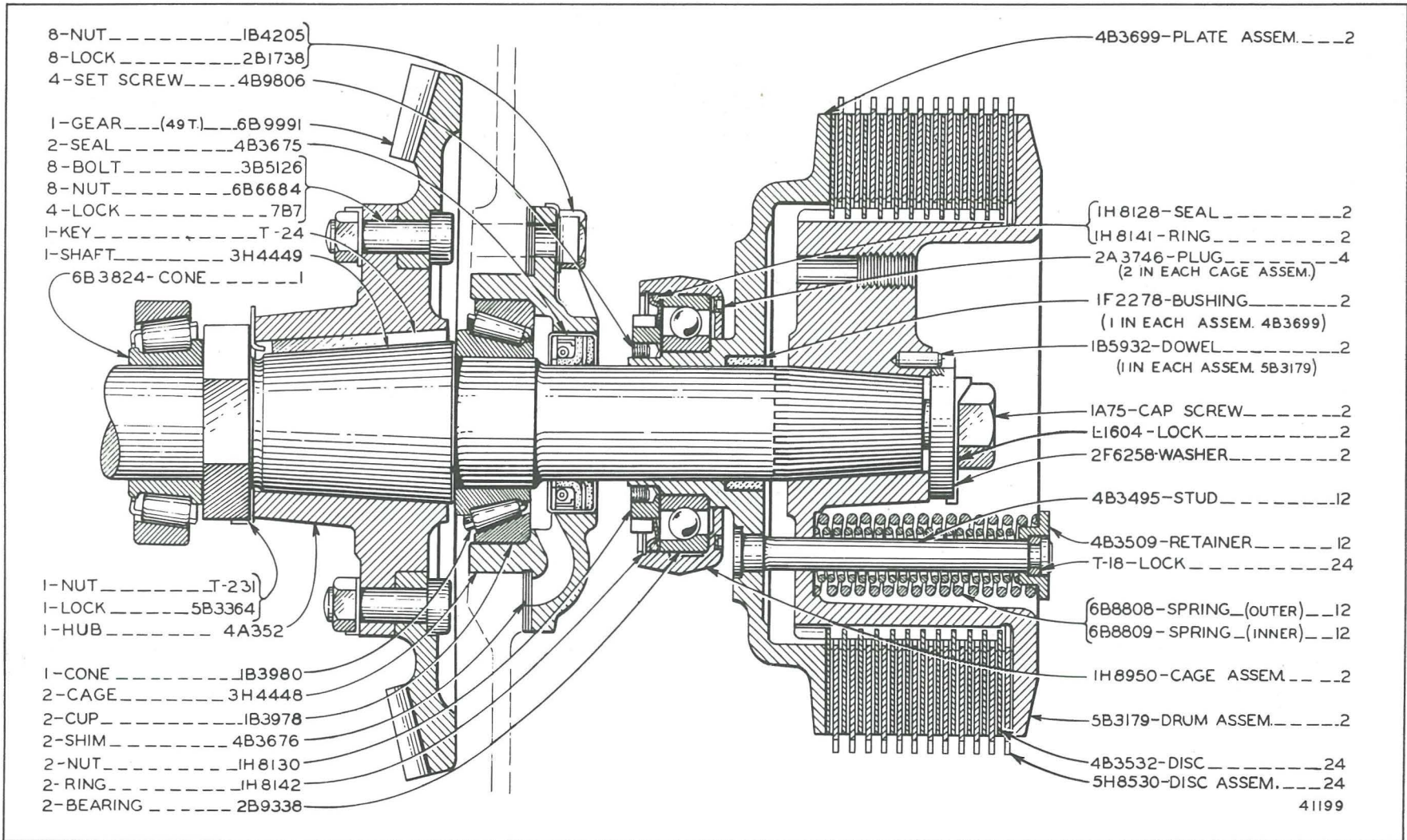


40404

STEERING CLUTCH CONTROL

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

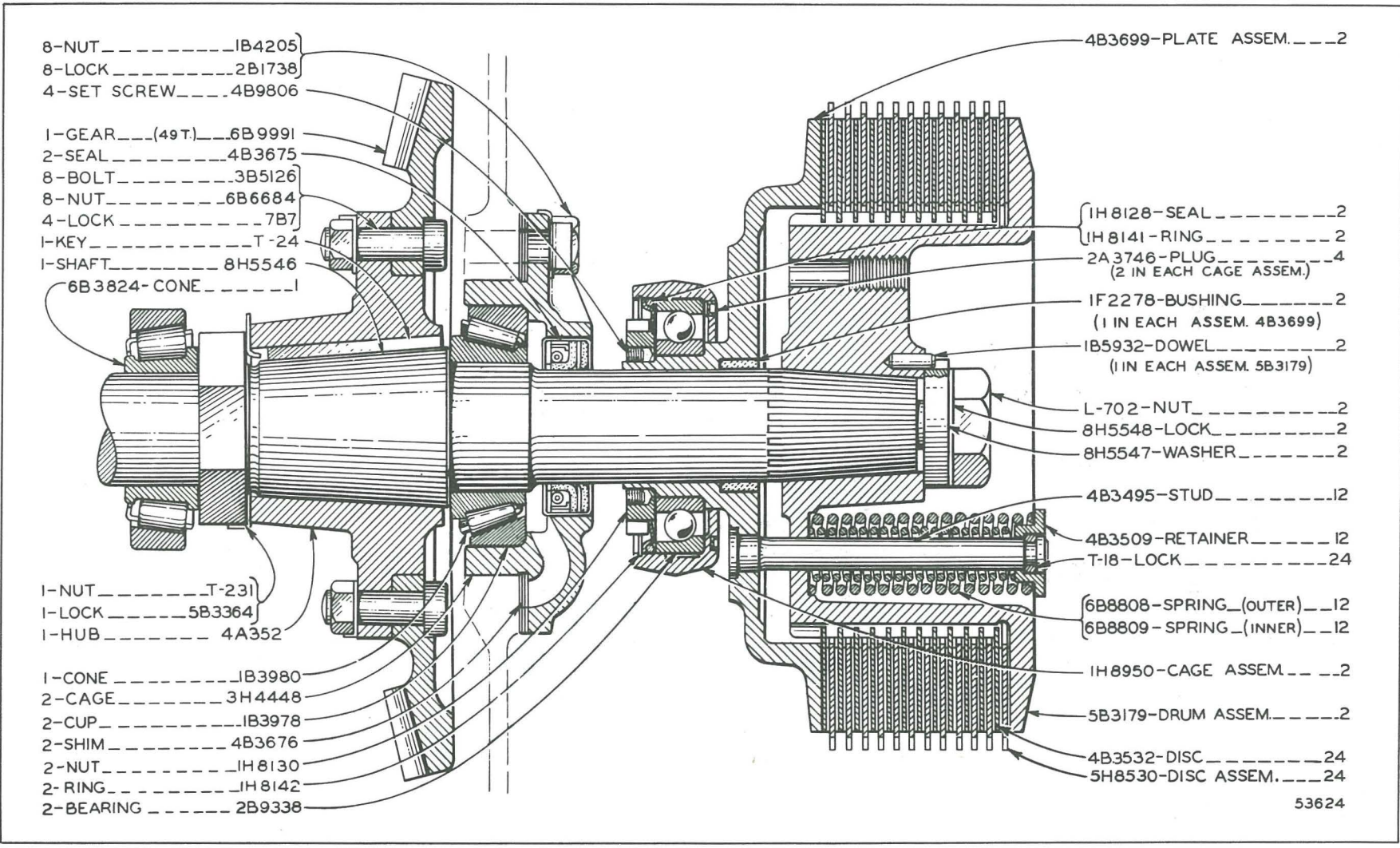


STEERING CLUTCH
 Serial No. 11A1 to 11A2720 inclusive

41199

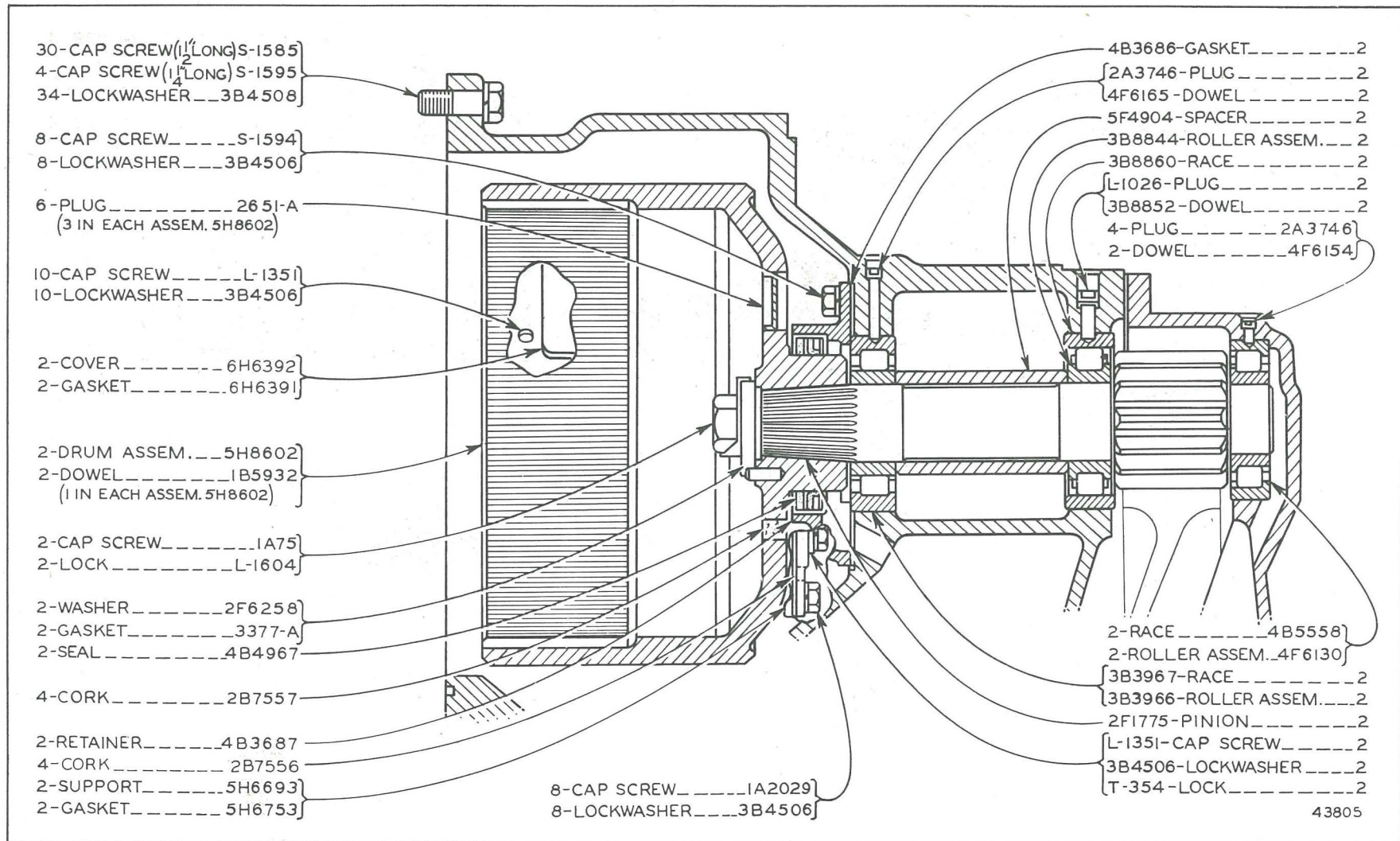
90 "CATERPILLAR" NO. 933 TRAXCAVATOR

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



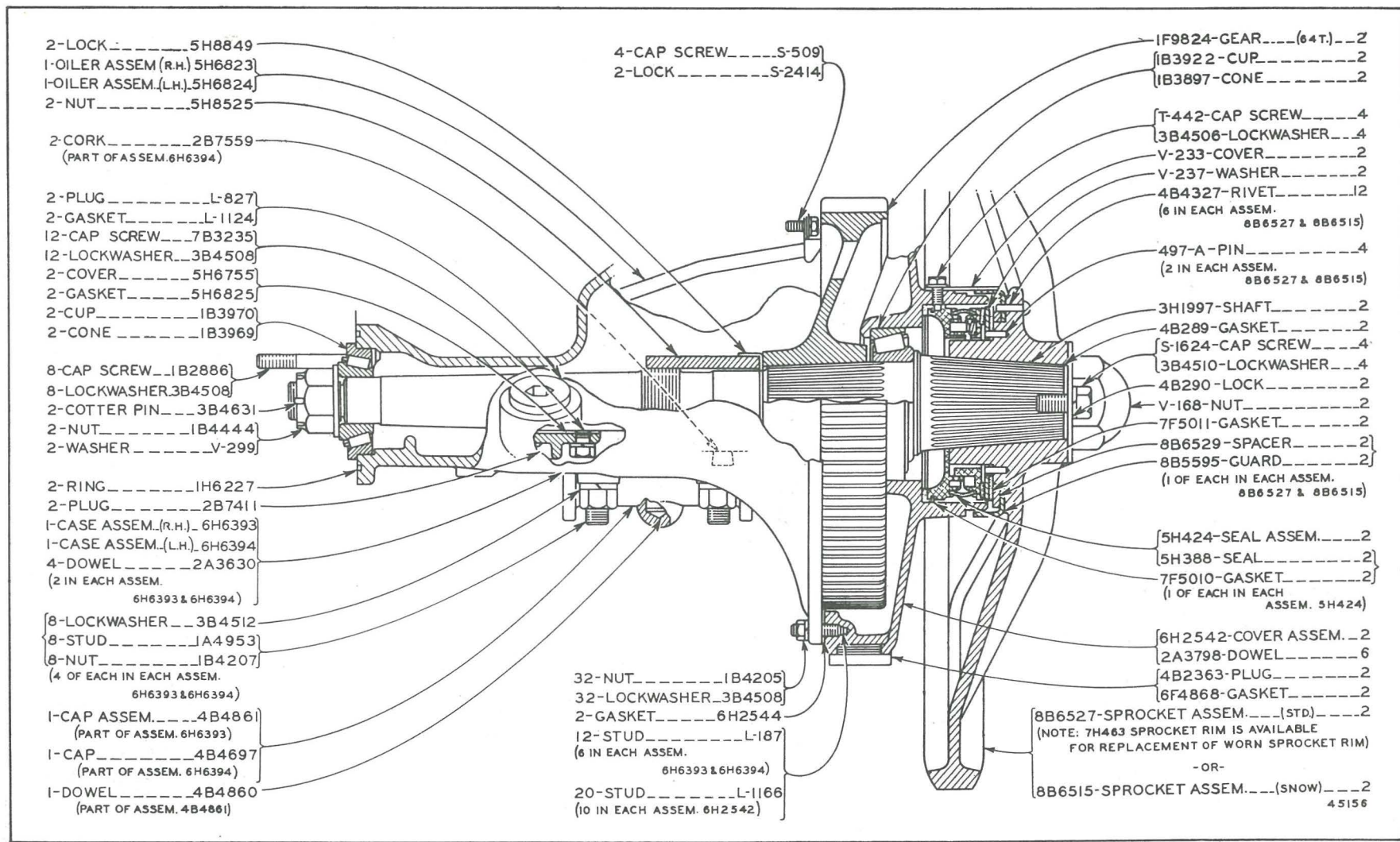
STEERING CLUTCH
 Effective with Serial No. 11A2721

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



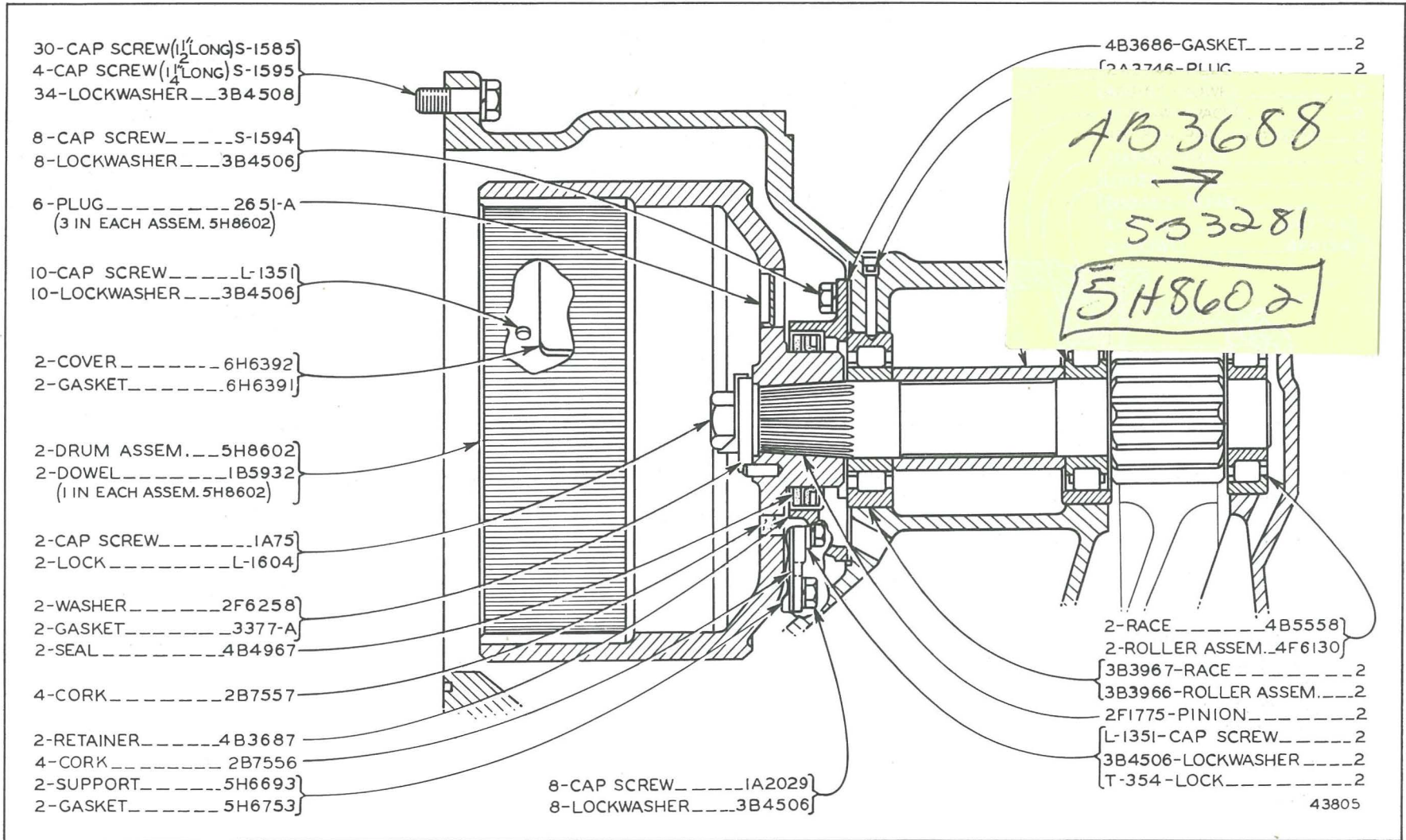
FINAL DRIVE—Part One
 Serial No. 11A1 to 11A2595 inclusive
 Refer also to Page 175 for special parts

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



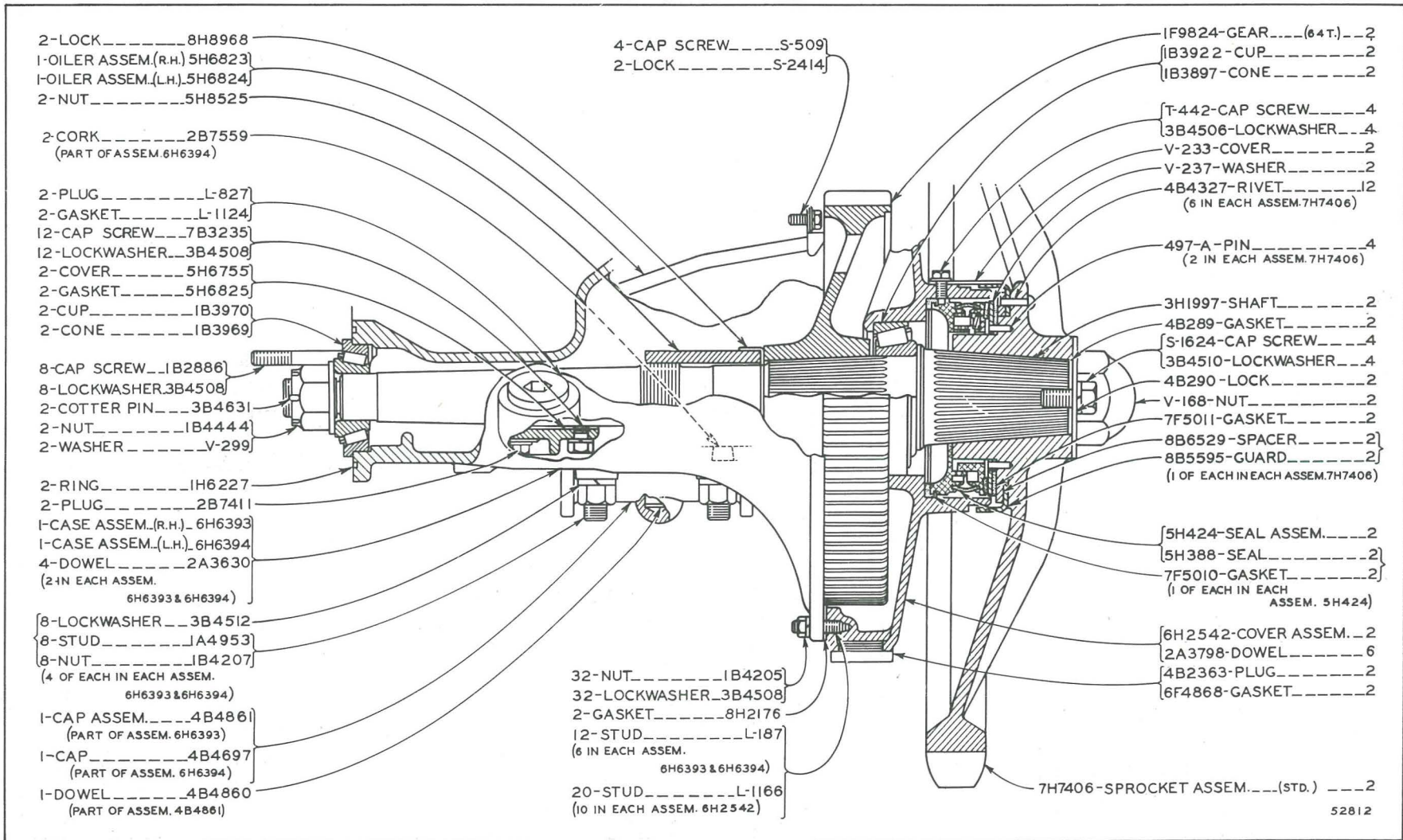
FINAL DRIVE—Part Two
 Serial No. 11A1 to 11A2595 inclusive
 Refer also to Page 175 for special parts

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



FINAL DRIVE—Part One
 Effective with Serial No. 11A2596
 Refer also to Page 175 for special parts

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



CLUTCH, TRANSMISSION AND CHASSIS

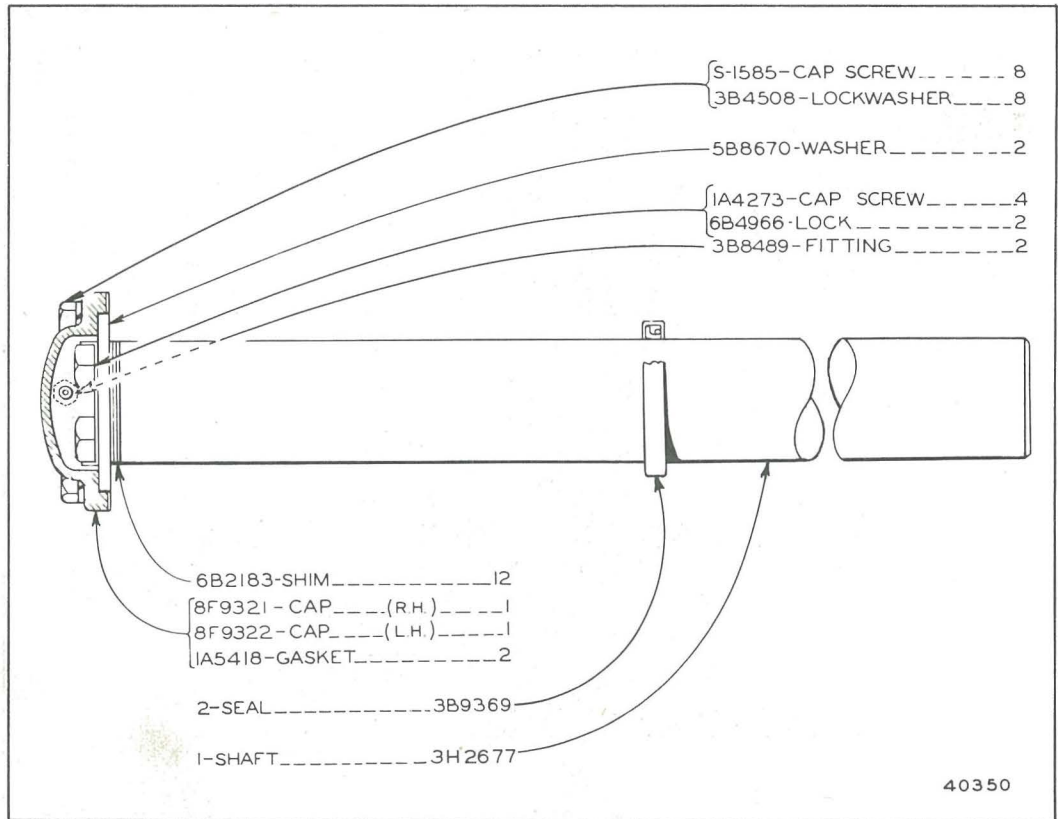
95

FINAL DRIVE—Part Two

Effective with Serial No. 11A2596

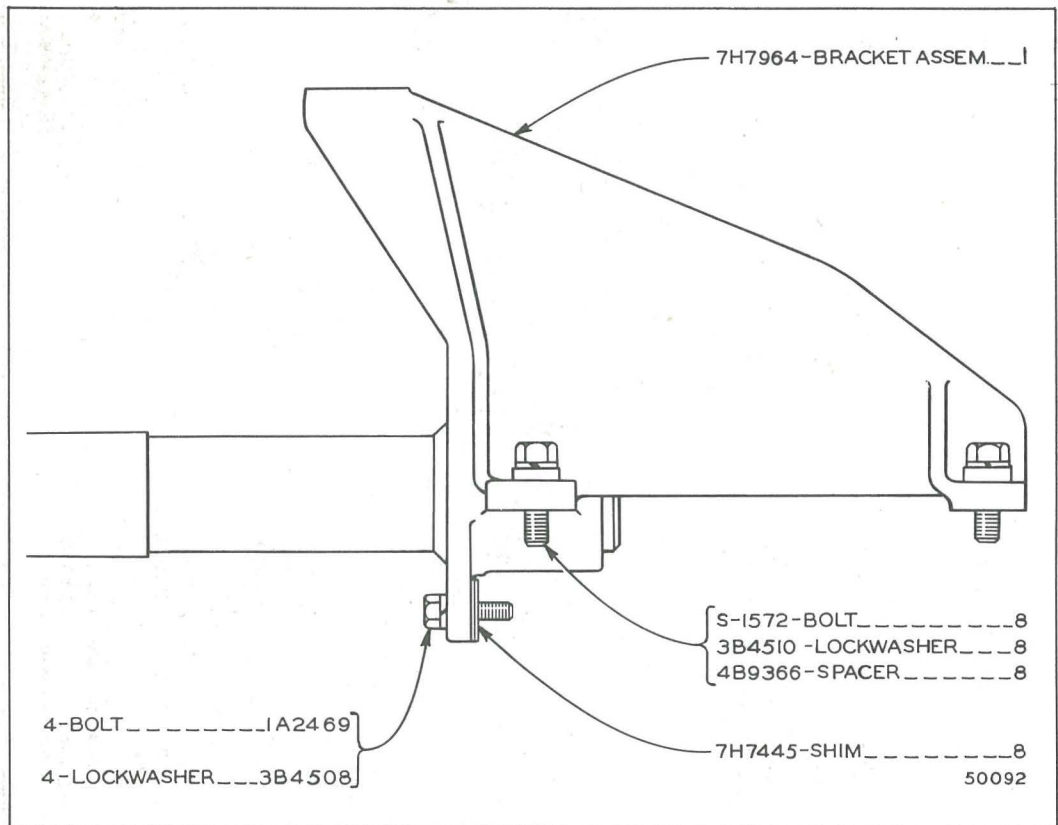
Note: IM6226 (Standard) Final Drive Sprocket Rim is available. Refer also to Page 175 for special parts

52812



PIVOT SHAFT

Serial No. 11A1 to 11A2595 inclusive



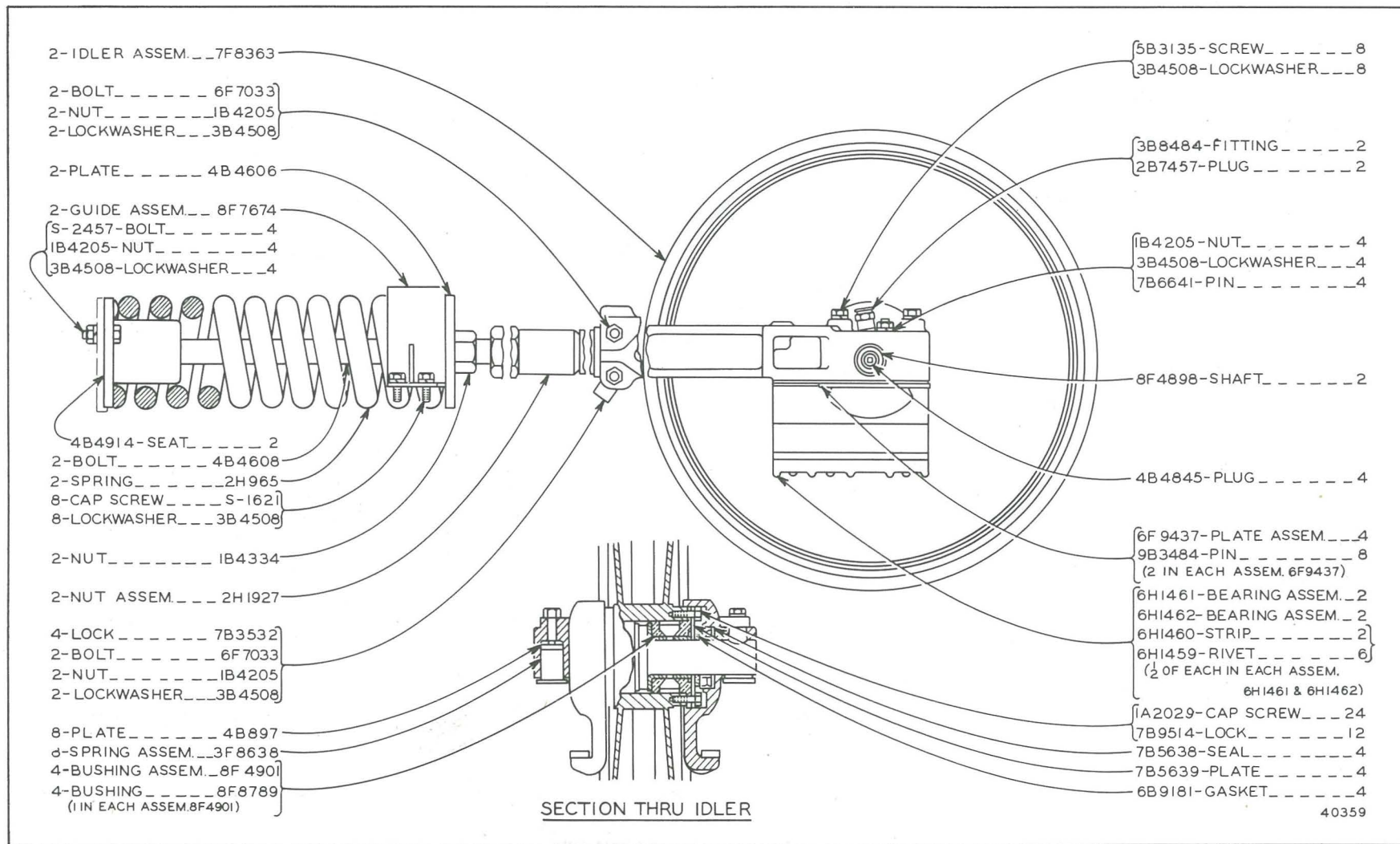
8H6380 TRANSMISSION SUPPORT GROUP

Effective with Serial No. 11A2596

Also part of 7H7400 and 9H1900 Track Roller Frame Arrangements listed on Page 171

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

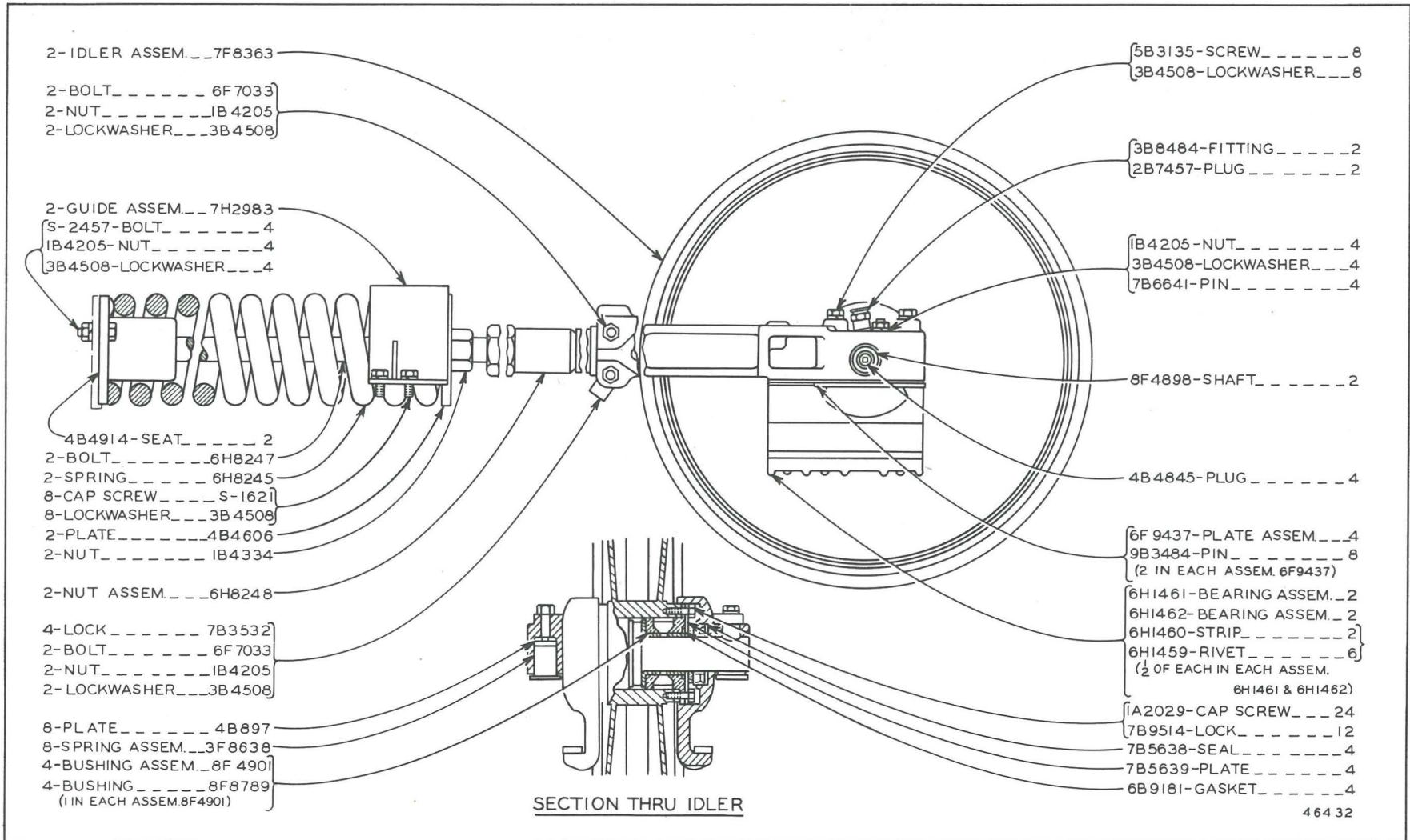


FRONT IDLER

Serial No. 11A1 to 11A1015 inclusive

Note: 2H9482 Relief Valve is available, see Pages 221 and 222. Refer also to Page 174 for special parts

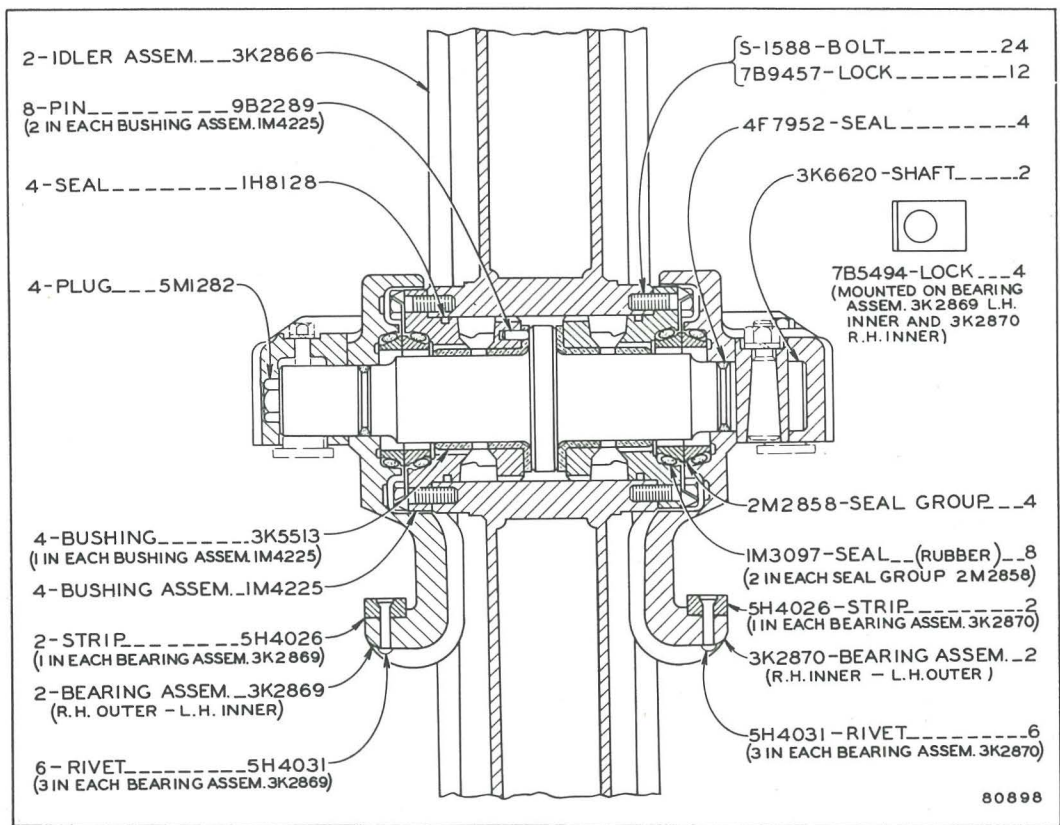
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



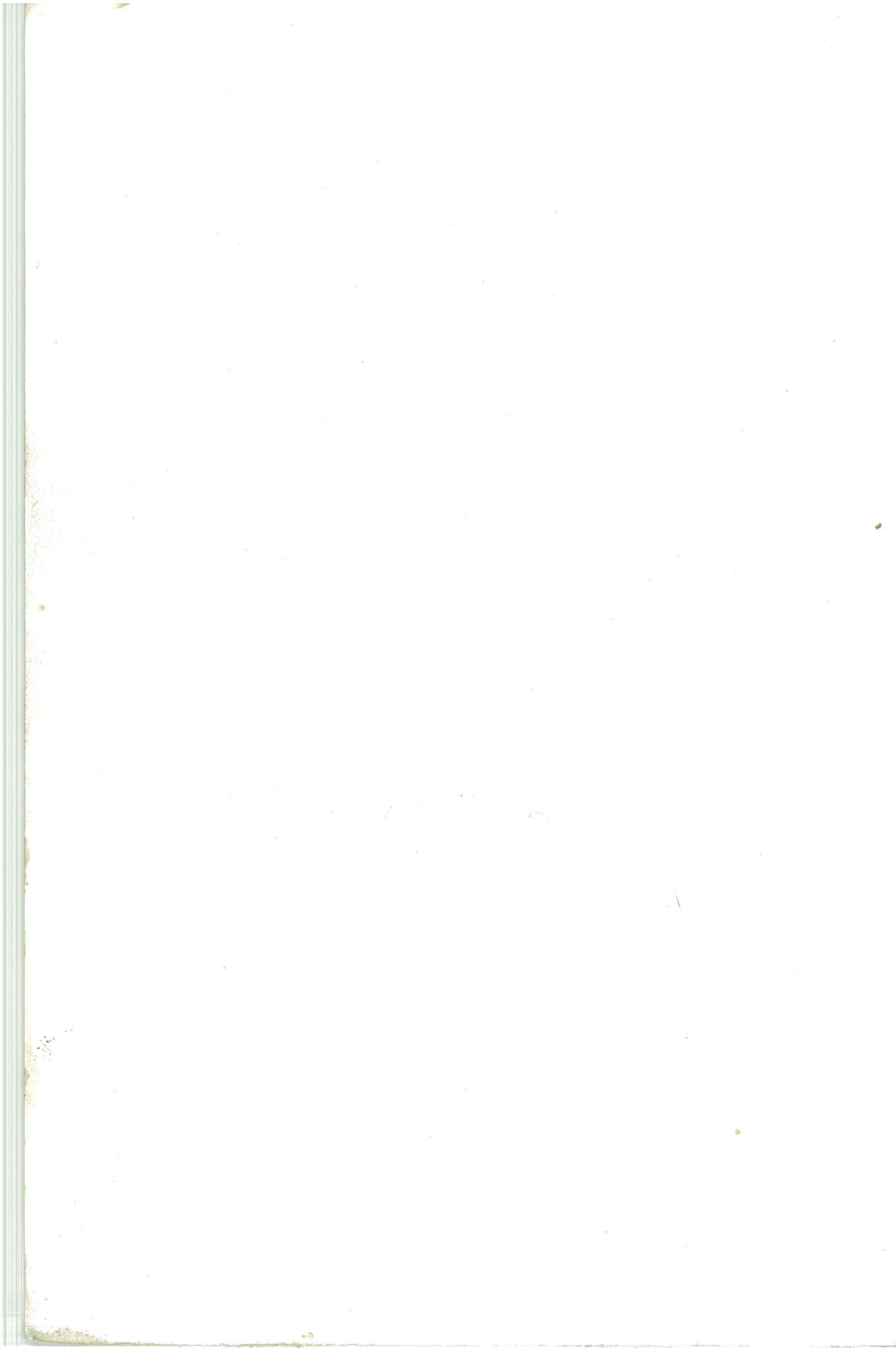
FRONT IDLER

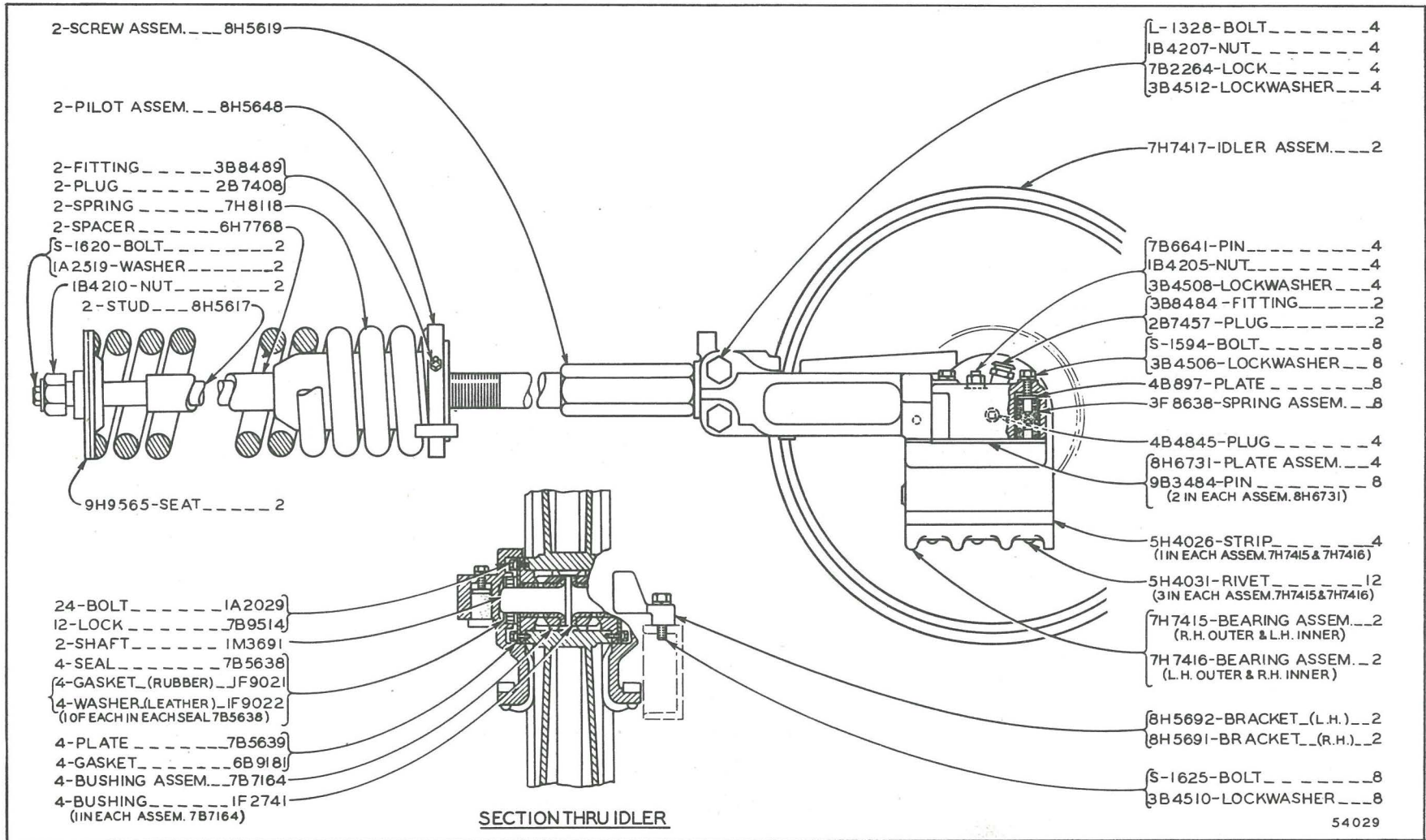
Serial No. 11A1016 to 11A2595 inclusive

Note: 2H9482 Relief Valve is available, see Pages 221 and 222. Refer also to Page 174 for special parts



3K7131 FRONT IDLER GROUP—Field Installation





7H7403 FRONT IDLER GROUP

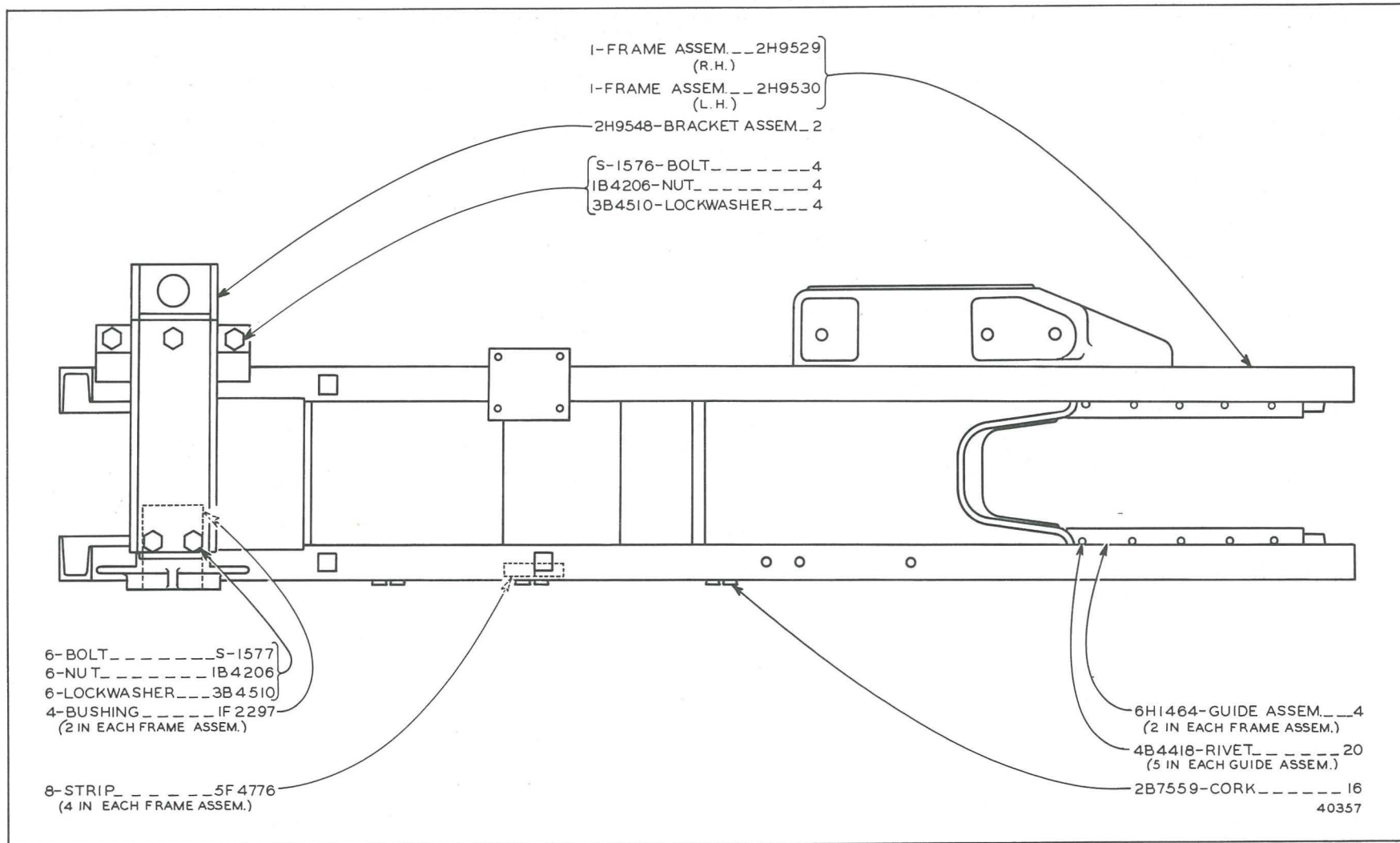
Effective with Serial No. 11A2596

Also part of 7H7400 and 9H1900 Track Roller Frame Arrangements listed on Page 171

Note: 2H9482 Relief Valve is available, see Pages 221 and 222. Refer also to Page 174 for special parts

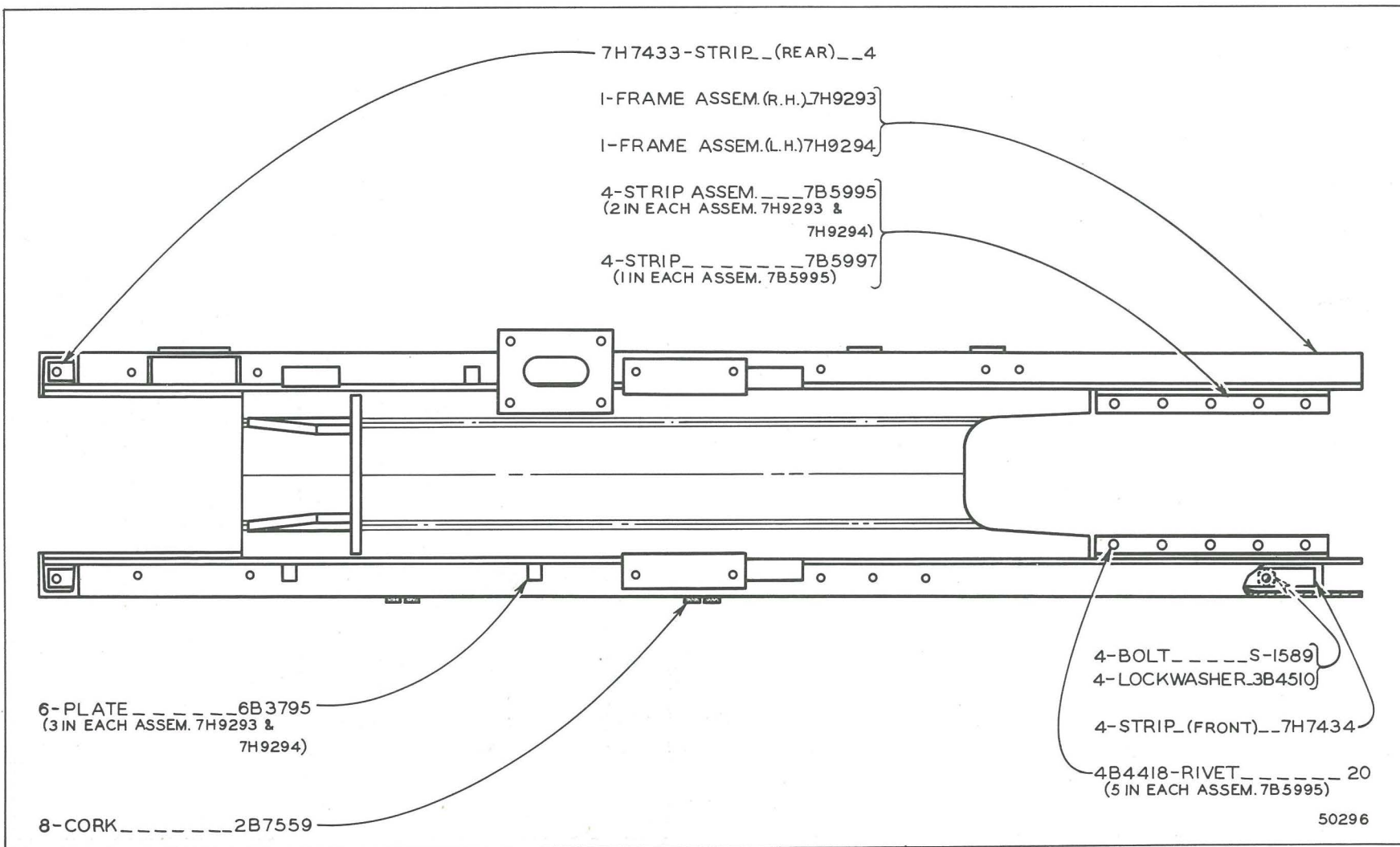
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

100 "CATERPILLAR" NO. 933 TRAXCAVATOR



TRACK ROLLER FRAME
Serial No. 11A1 to 11A2595 inclusive

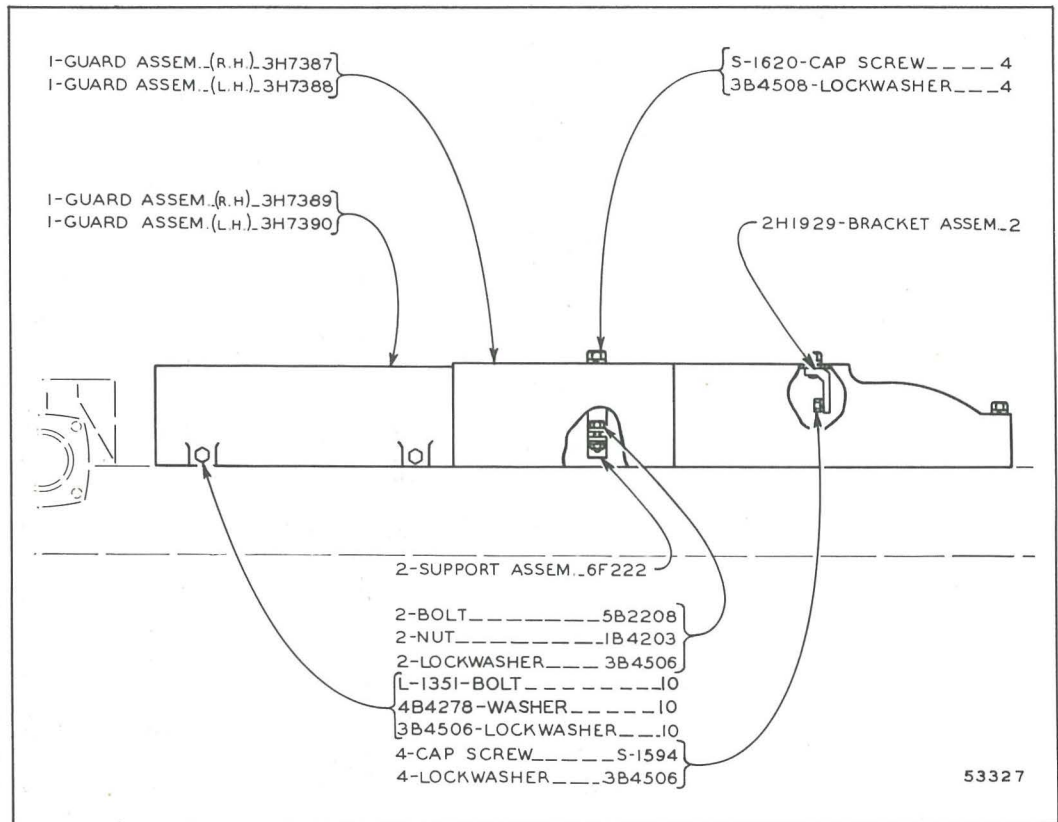
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



TRACK ROLLER FRAME

Effective with Serial No. 11A2596

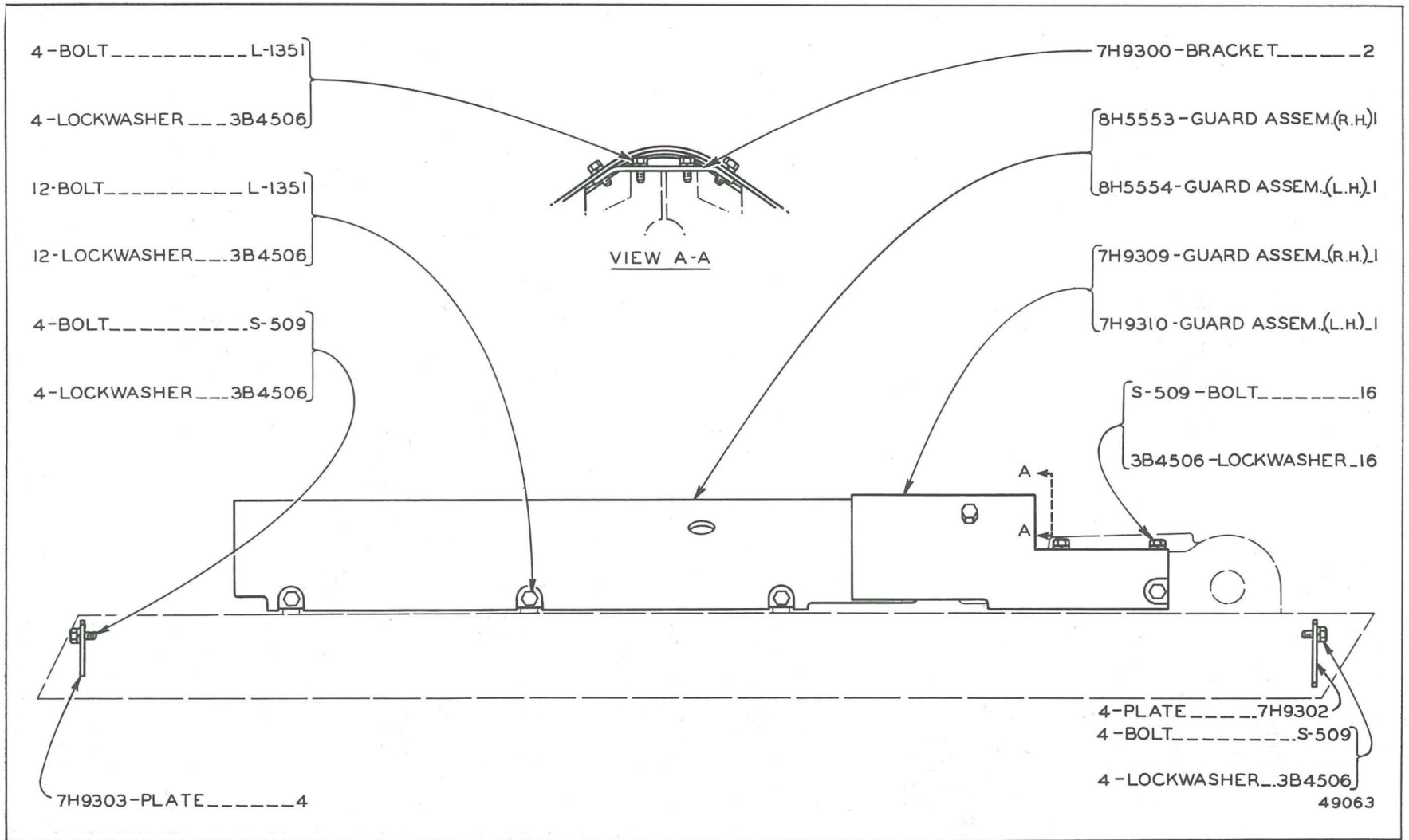
Also part of 7H7400 and 9H1900 Track Roller Frame Arrangements listed on Page 171



TRACK ROLLER FRAME GUARD
 Serial No. 11A1 to 11A2595 inclusive

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

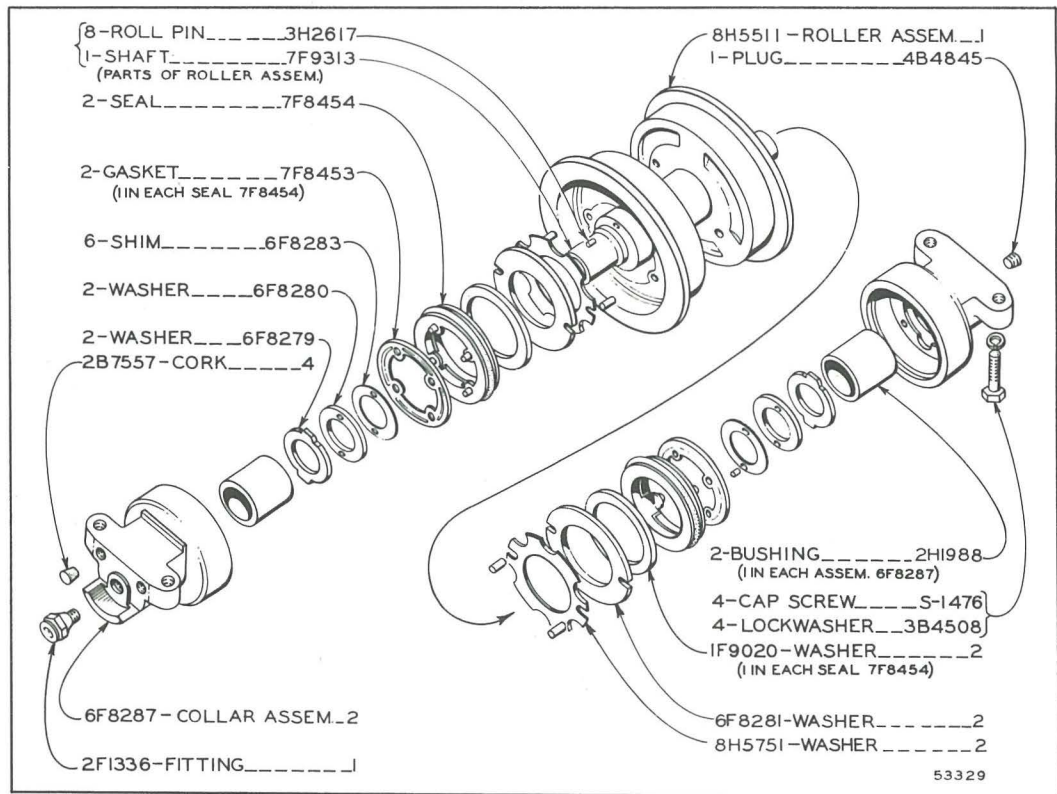
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



7H7402 TRACK ROLLER FRAME GUARD GROUP

Effective with Serial No. 11A2596

Also part of 7H7400 and 9H1900 Track Roller Frame Arrangements listed on Page 171

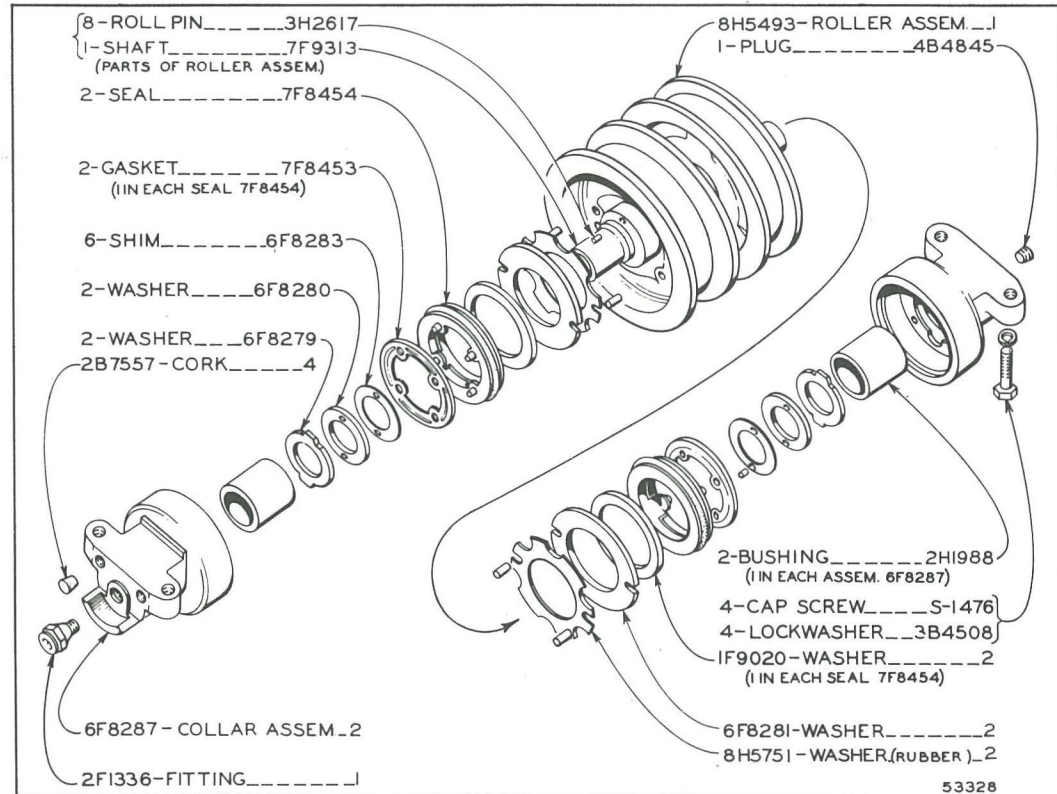


7F6398 TRACK ROLLER GROUP—Single Flange—4 Groups Required

Serial No. 11A1 to 11A2595 inclusive

Only separate parts serviced

Note: 2H9482 Relief Valve is available, see Pages 221 and 222



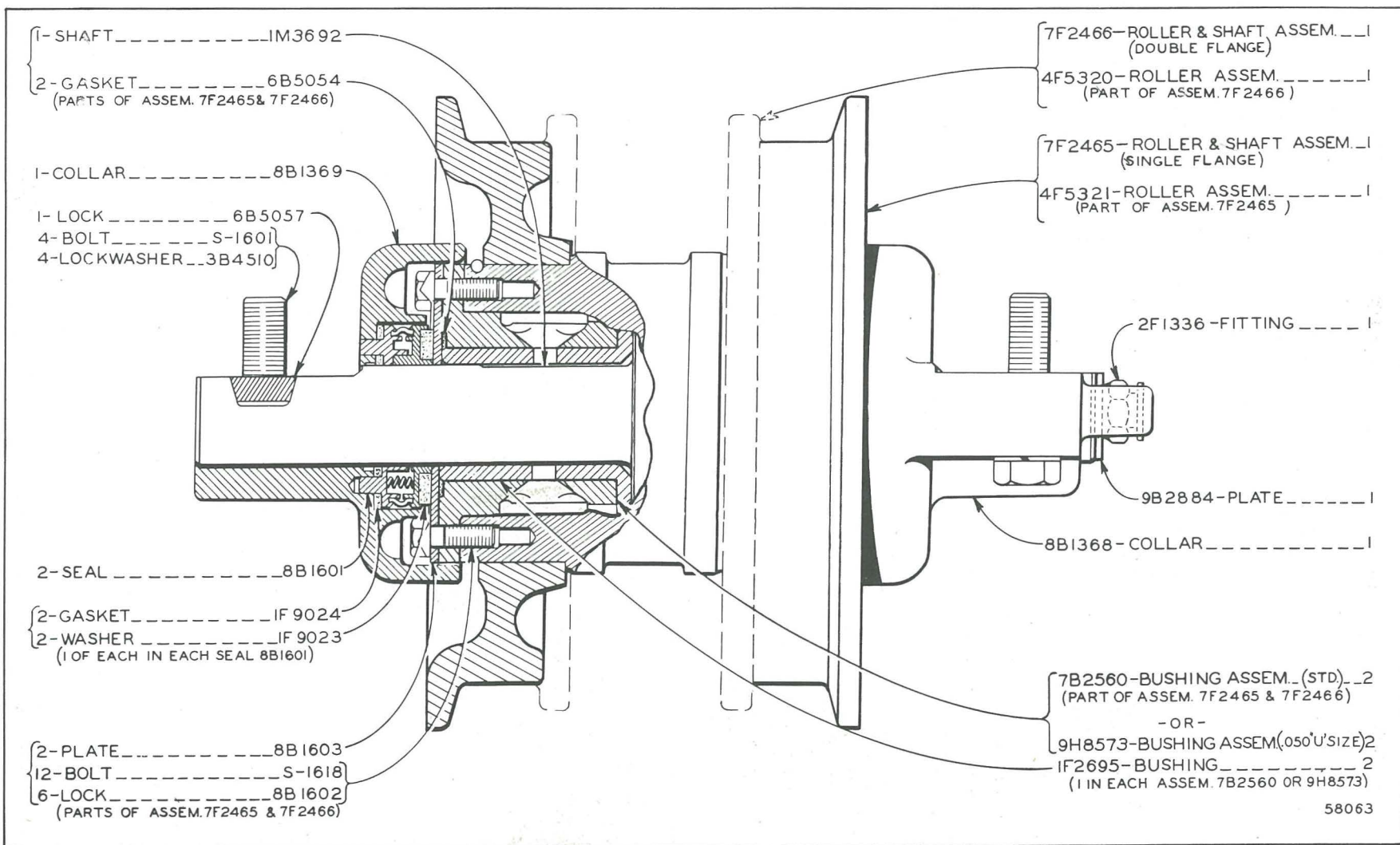
7F6399 TRACK ROLLER GROUP—Double Flange—6 Groups Required

Serial No. 11A1 to 11A2595 inclusive

Only separate parts serviced

Note: 2H9482 Relief Valve is available, see Pages 221 and 222

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

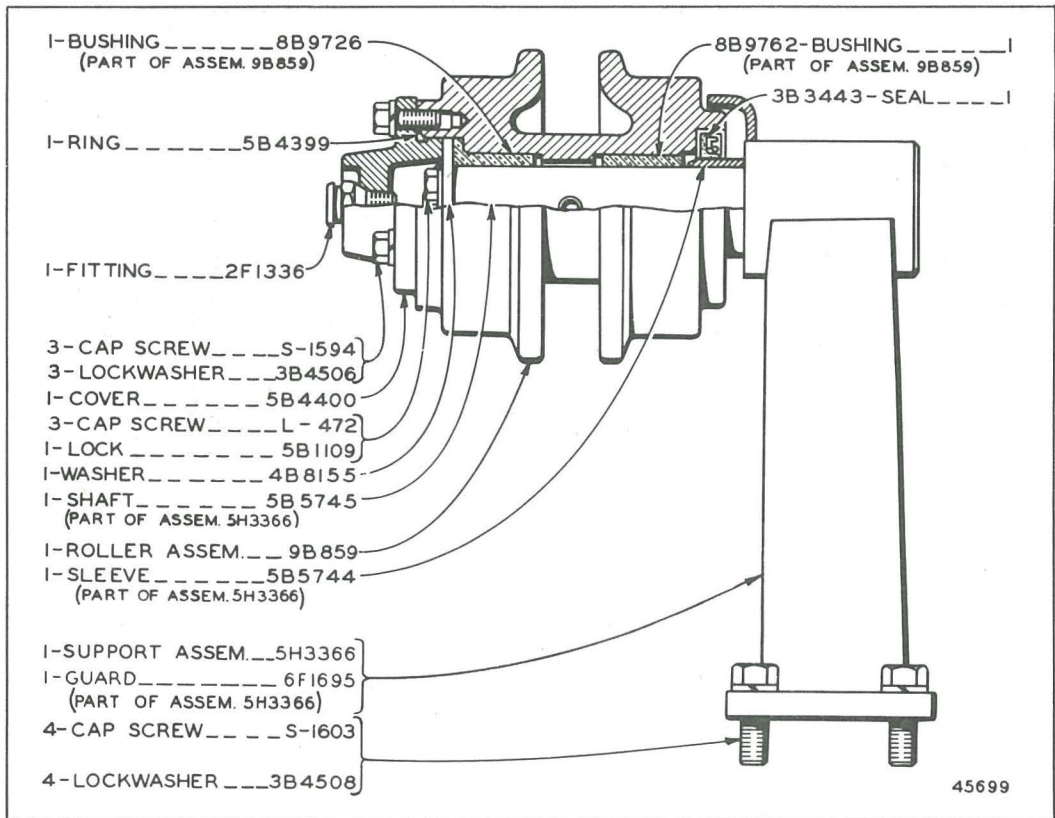


5H6099 TRACK ROLLER GROUP—Single Flange—4 Groups Required

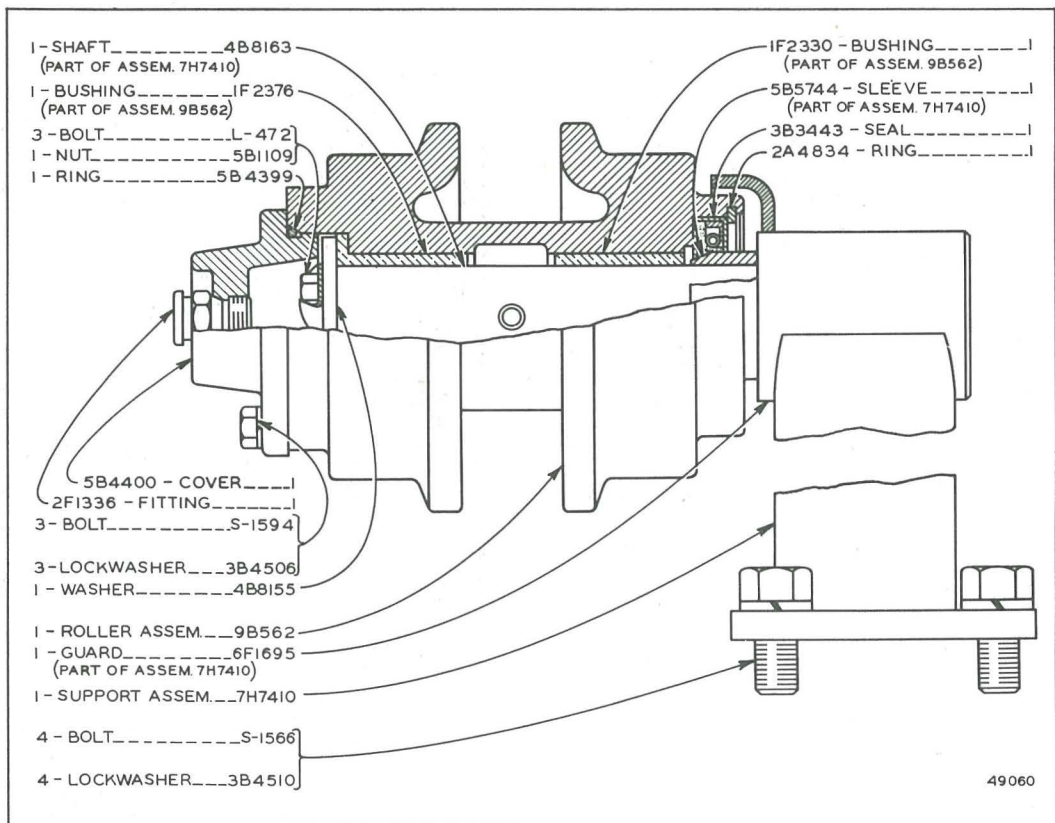
5H6101 TRACK ROLLER GROUP—Double Flange—6 Groups Required

Effective with Serial No. 11A2596. Only separate parts serviced. Note: 2H9482 Relief Valve is available, see Pages 221 and 222

Refer also to Pages 150 through 152A for special parts



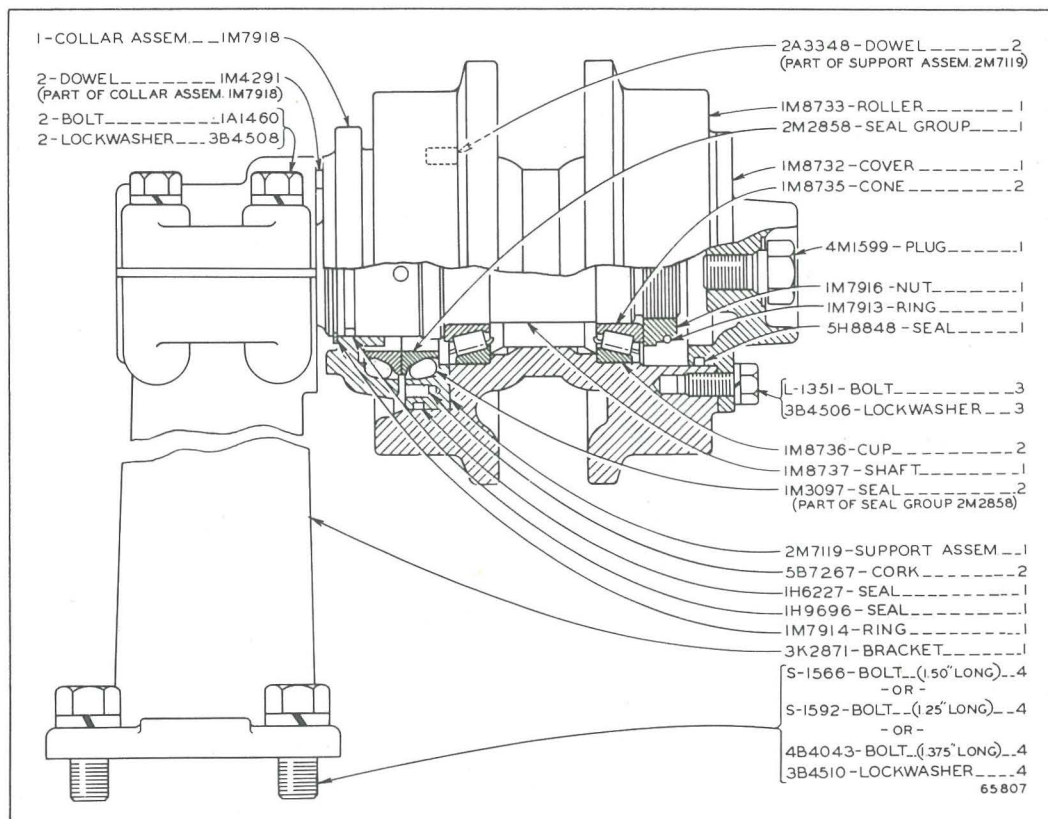
3H3852 TRACK CARRIER ROLLER GROUP—2 Groups Required
Serial No. 11A1 to 11A2595 inclusive



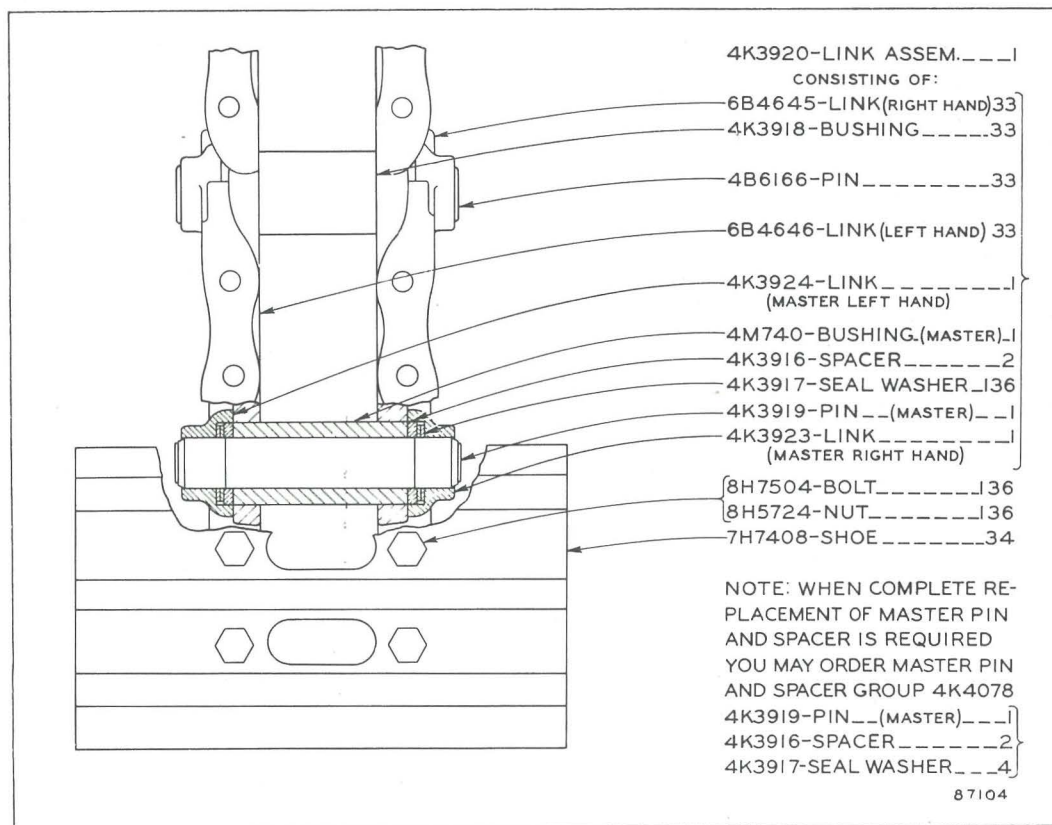
7H7404 TRACK CARRIER ROLLER GROUP—2 Groups Required
Effective with Serial No. 11A2596

Also part of 7H7400 and 9H1900 Track Roller Frame Arrangements listed on Page 171

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



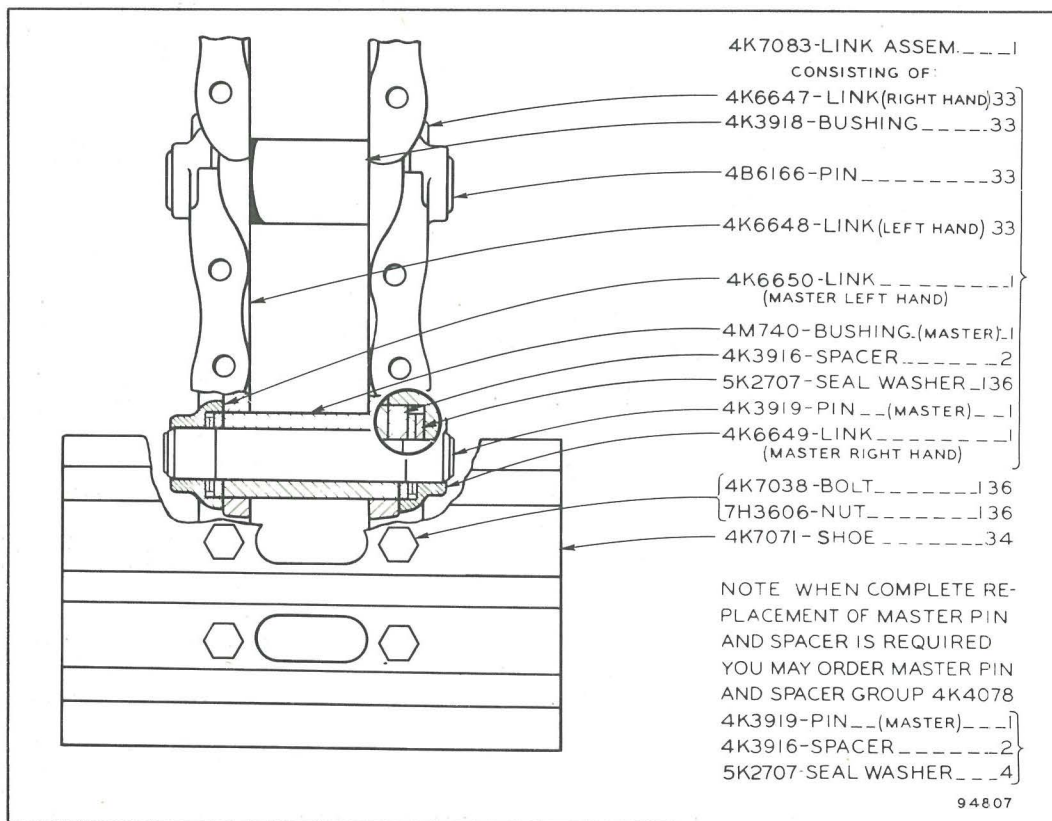
3K2867 TRACK CARRIER ROLLER GROUP—2 Groups Required—Field Installation



4K3928 TRACK GROUP—12" Triple Grouser Shoe—2 Groups Required

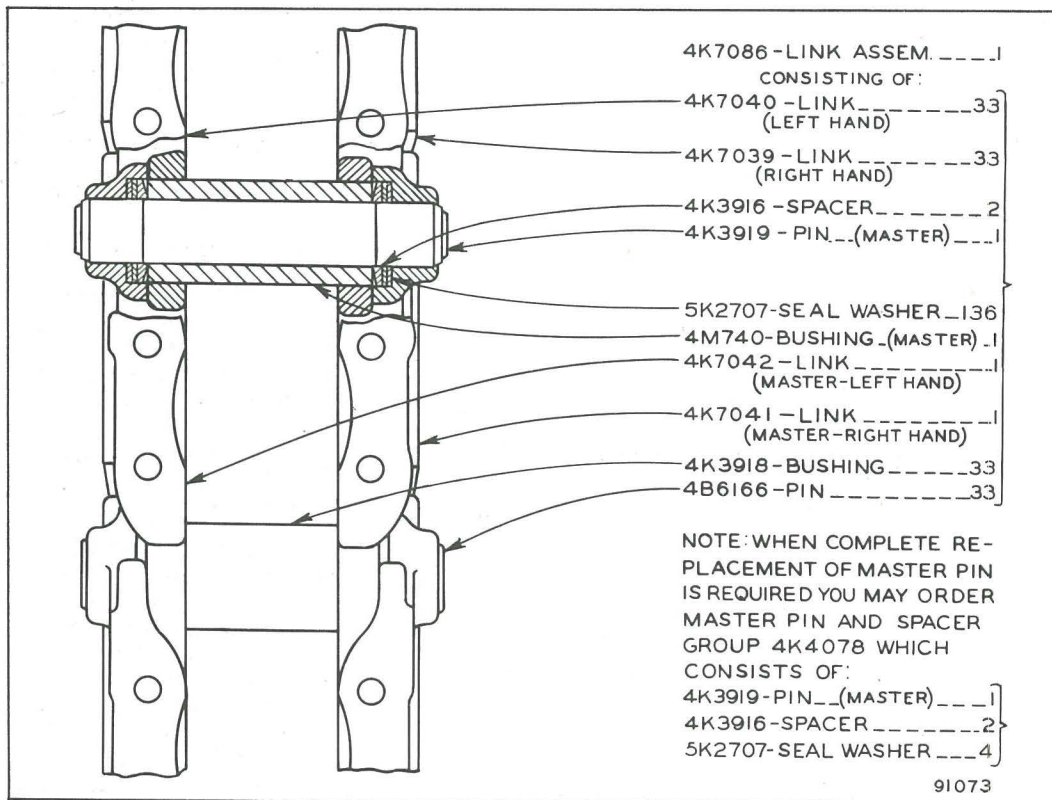
Note: 4K4099 Track Pin and Bushing Group, consisting of a complete set of Pins and Bushings for one Track, is available

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4K7109 TRACK GROUP—12" Triple Grouser Shoe—2 Groups Required

Note: 4K4099 Track Pin and Bushing Group, consisting of a complete set of Pins and Bushings for one Track, is available

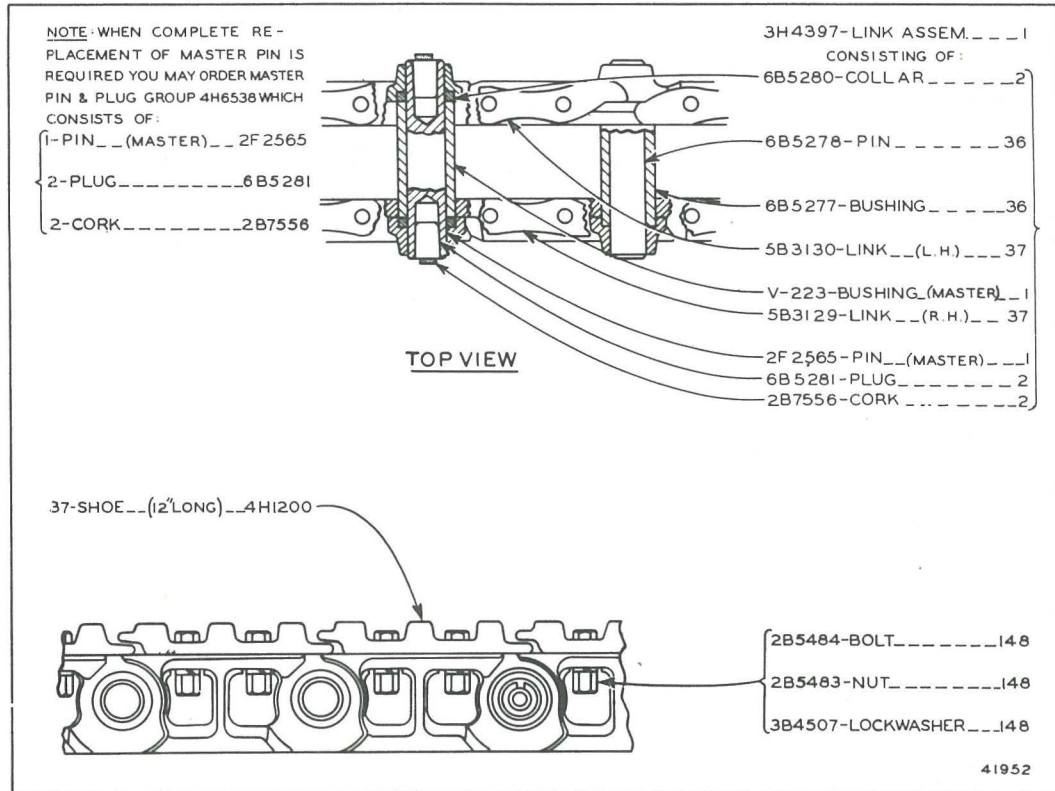


4K7086 LINK ASSEMBLY

For field replacement of 4K3920 Link Assembly

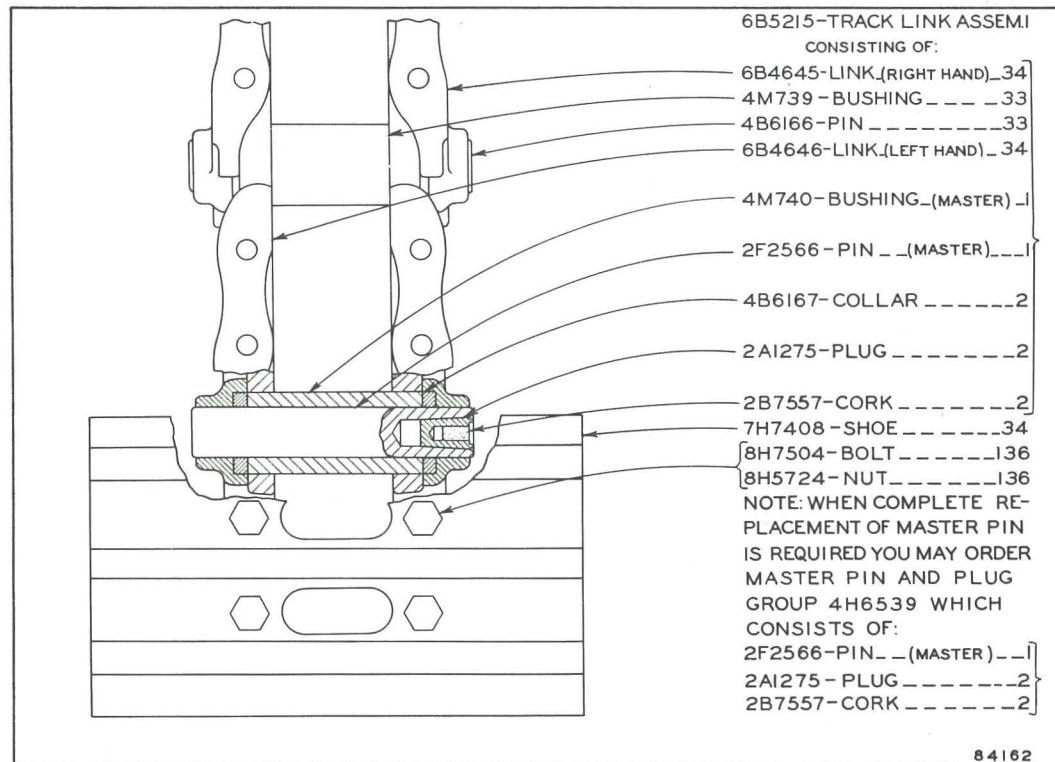
Note: 4K4099 Track Pin and Bushing Group, consisting of a complete set of Pins and Bushings for one Track, is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4H8192 TRACK GROUP—12" Triple Grouser Shoe—2 Groups Required
 Serial No. 11A1 to 11A2595 inclusive

Note: 6H2581 Track Pin and Bushing Group, consisting of a complete set of Pins and Bushings for one Track is available. Refer also to Page 170 for special parts

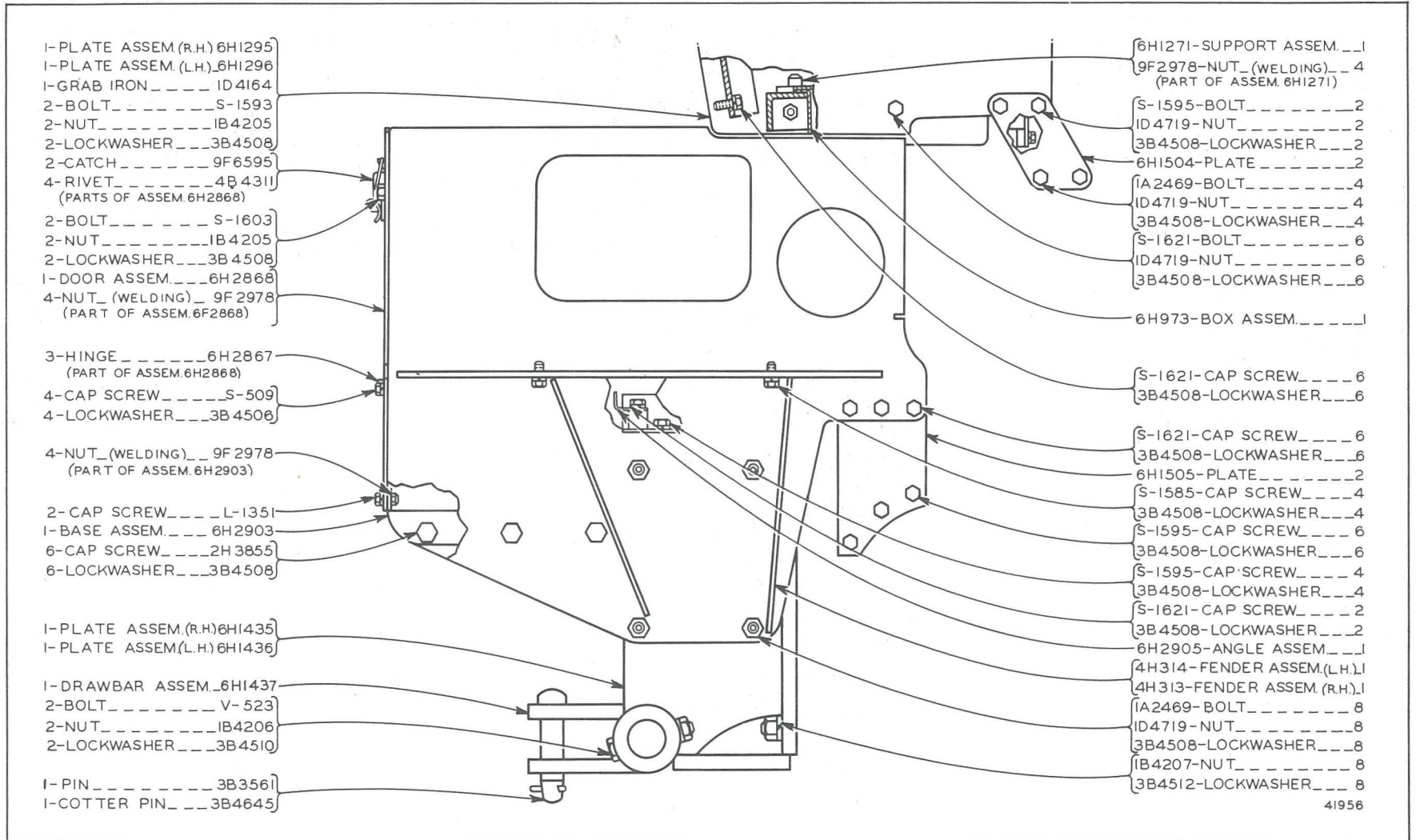


7H7405 TRACK GROUP—12" Triple Grouser Shoe—2 Groups Required
 Effective with Serial No. 11A2596

Also part of 7H7400 and 9H1900 Track Roller Frame Arrangements listed on Page 171
 Note: 6F2285 Track Pin and Bushing Group, consisting of a complete set of Pins and Bushings for one Track is available

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

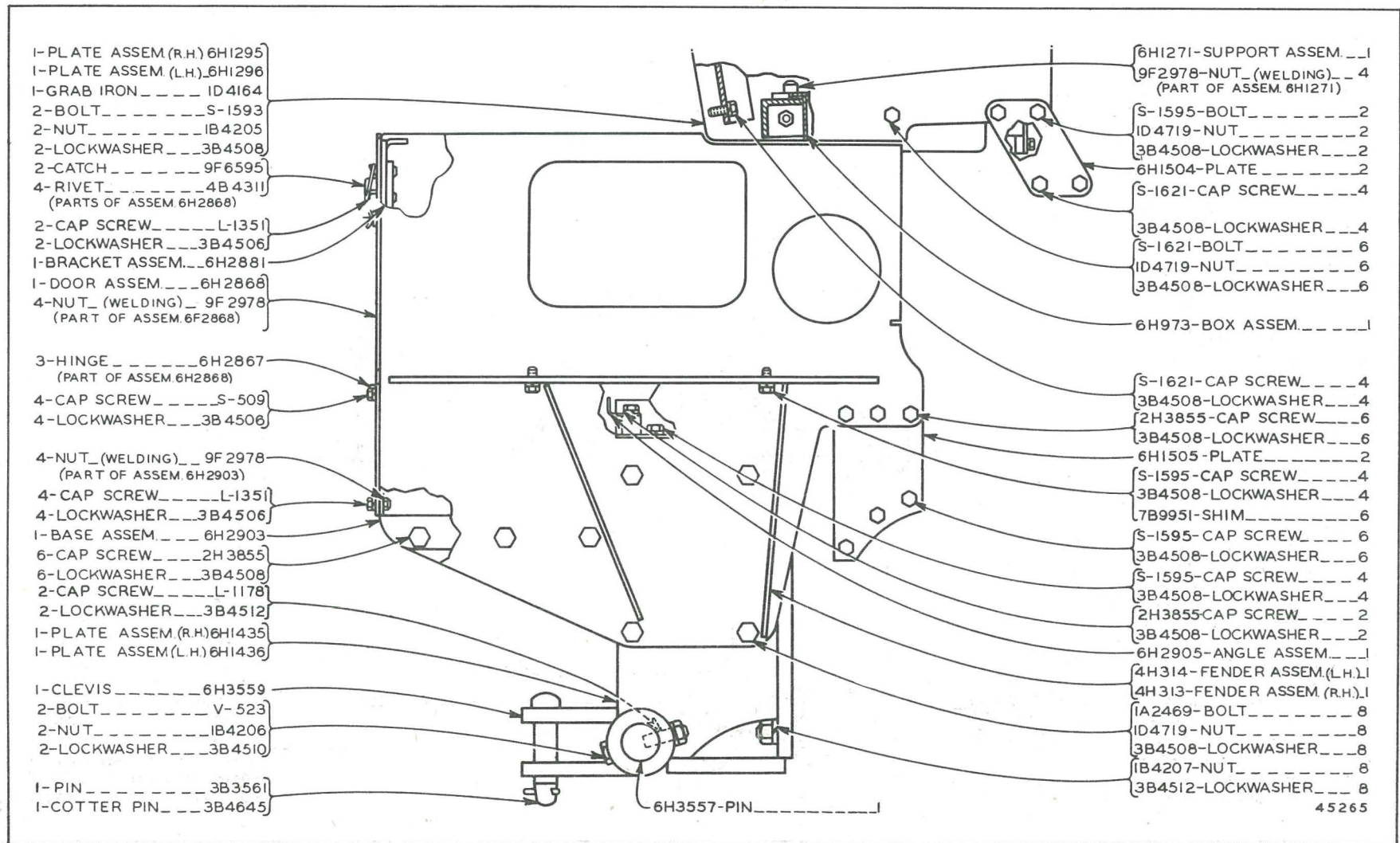
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



41956

FENDERS AND DRAWBAR
 Serial No. 11A1 to 11A657 inclusive
 Refer also to Pages 169 and 170 for special parts

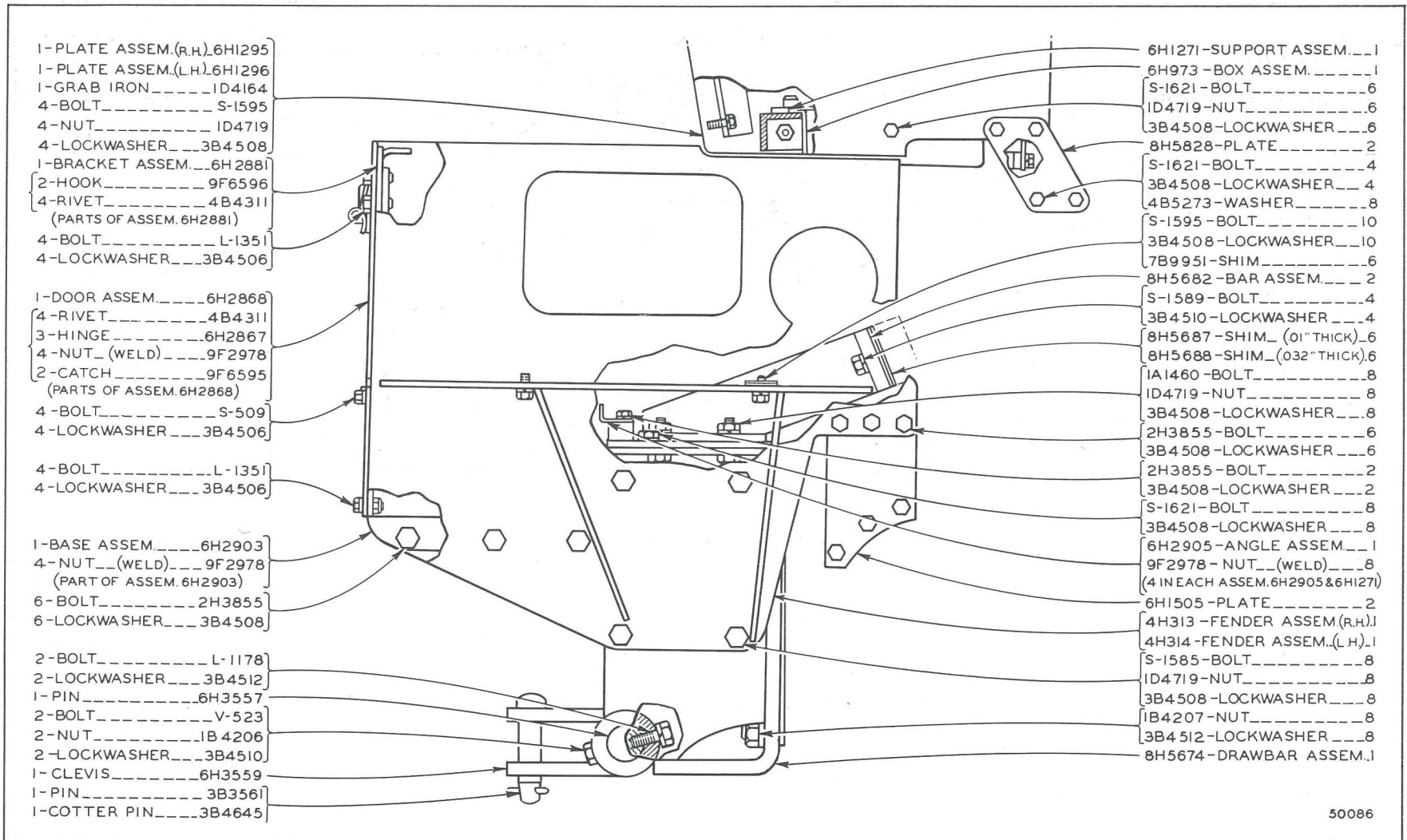
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



FENDERS AND DRAWBAR

Serial No. 11A658 to 11A2595 inclusive
 Refer also to Pages 169 and 170 for special parts

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



50086

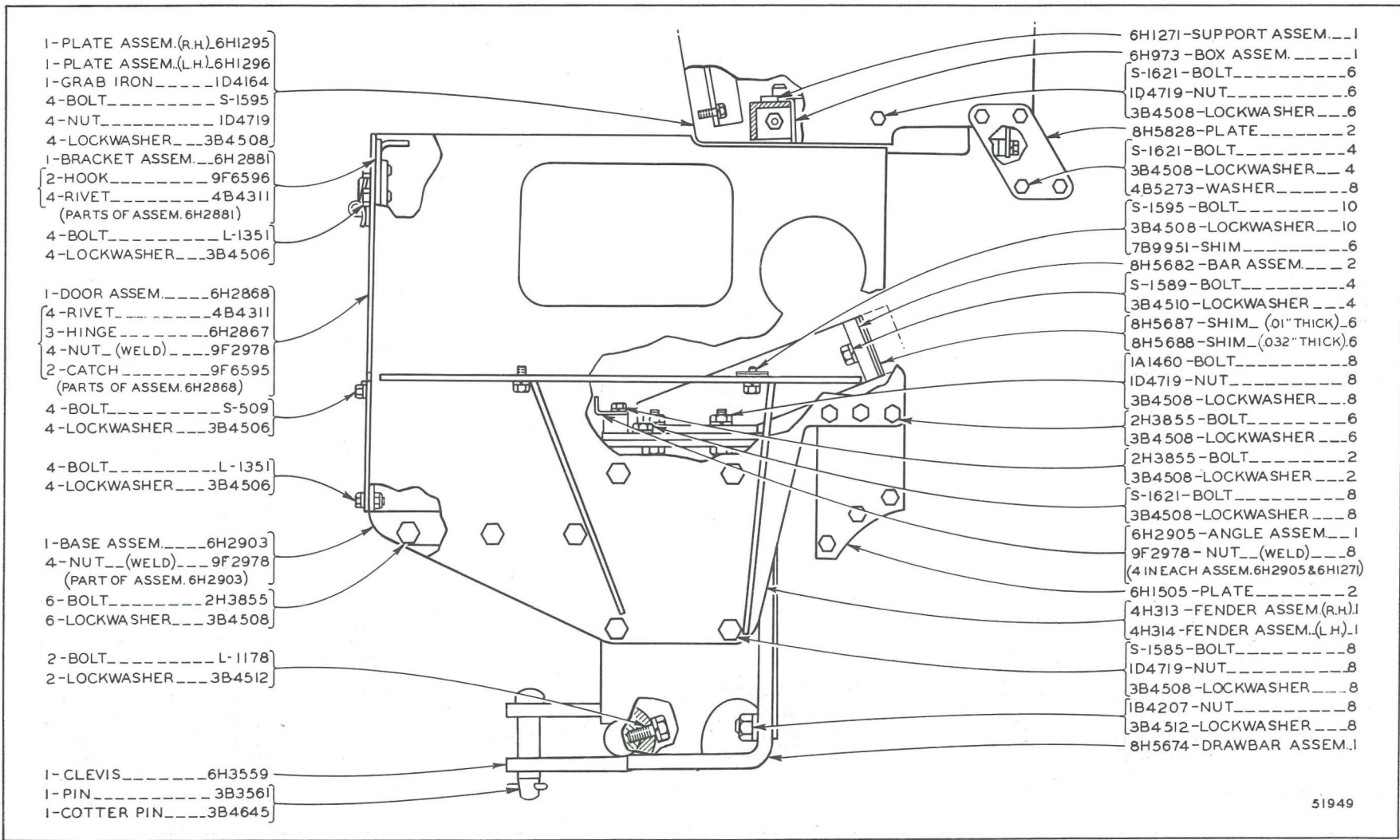
FENDERS AND DRAWBAR

Serial No. 11A2596 to 11A2851 inclusive
 Refer also to Pages 169 and 170 for special parts

110 "CATERPILLAR" NO. 933 TRAXCAVATOR

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

CLUTCH, TRANSMISSION AND CHASSIS III

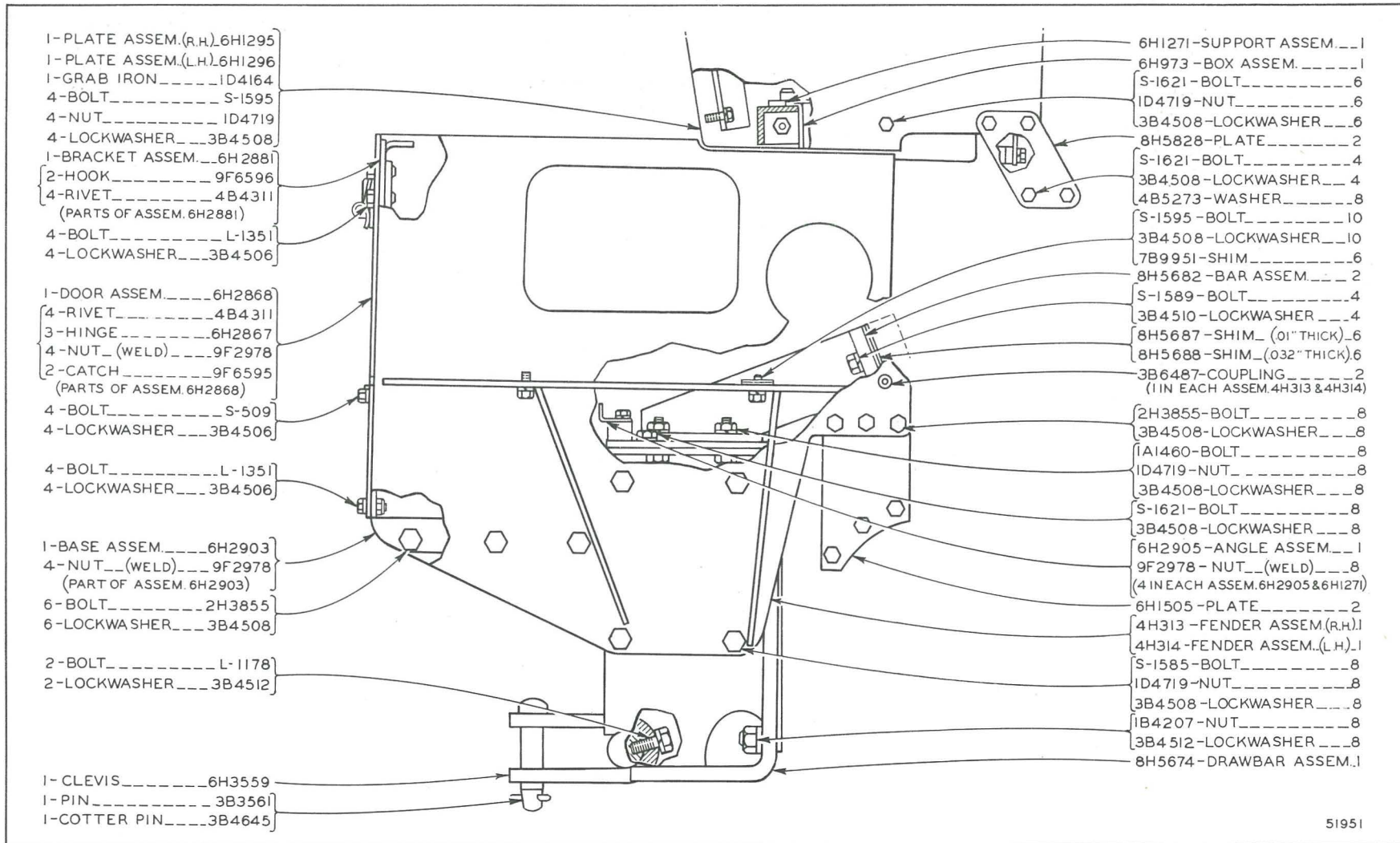


51949

FENDERS AND DRAWBAR
 Serial No. 11A2852 to 11A2908 inclusive
 Refer also to Pages 169 and 170 for special parts

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

112 "CATERPILLAR" NO. 933 TRAXCAVATOR



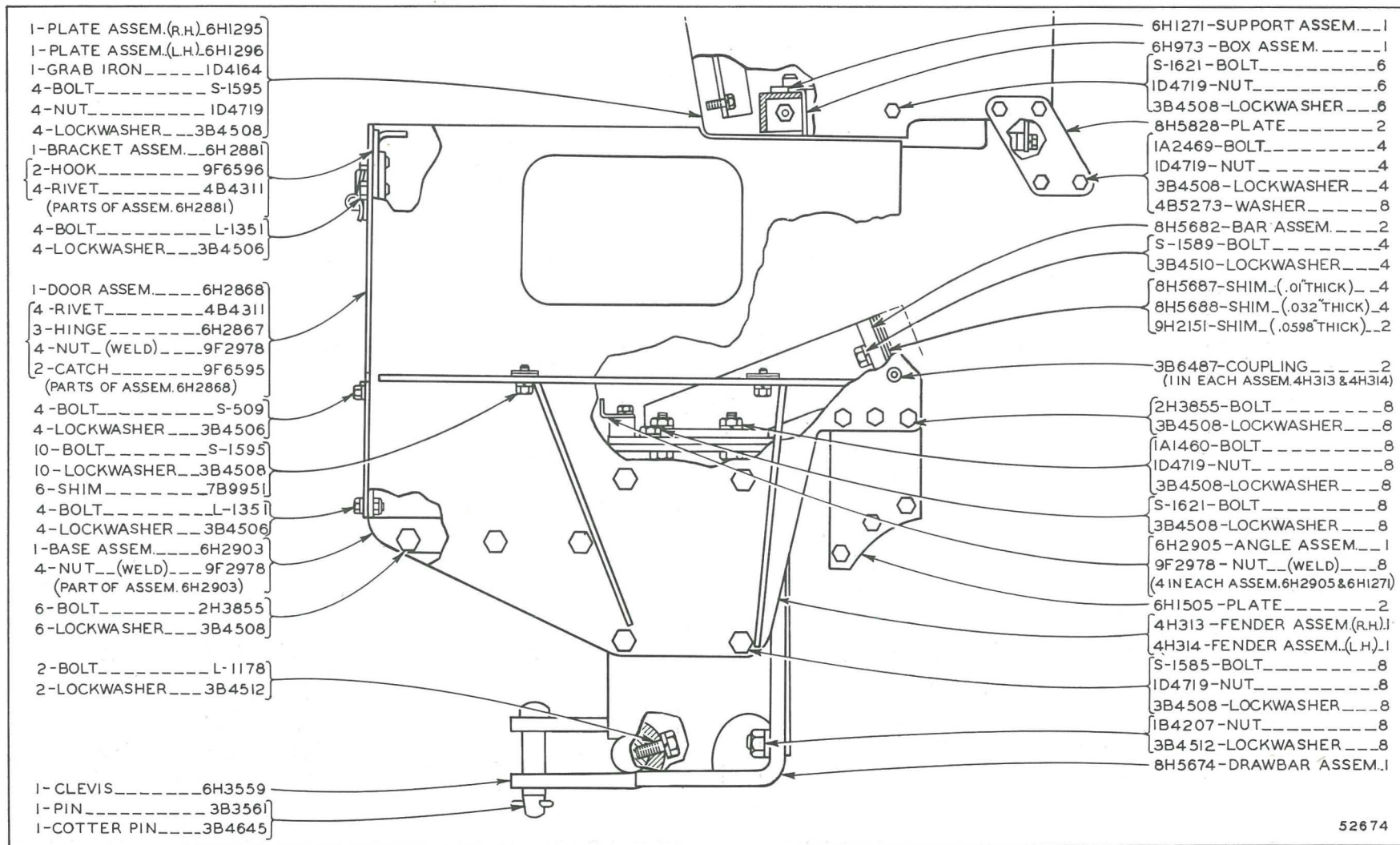
51951

FENDERS AND DRAWBAR
 Serial No. 11A2909 to 11A2918 inclusive
 Refer also to Pages 169 and 170 for special parts

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

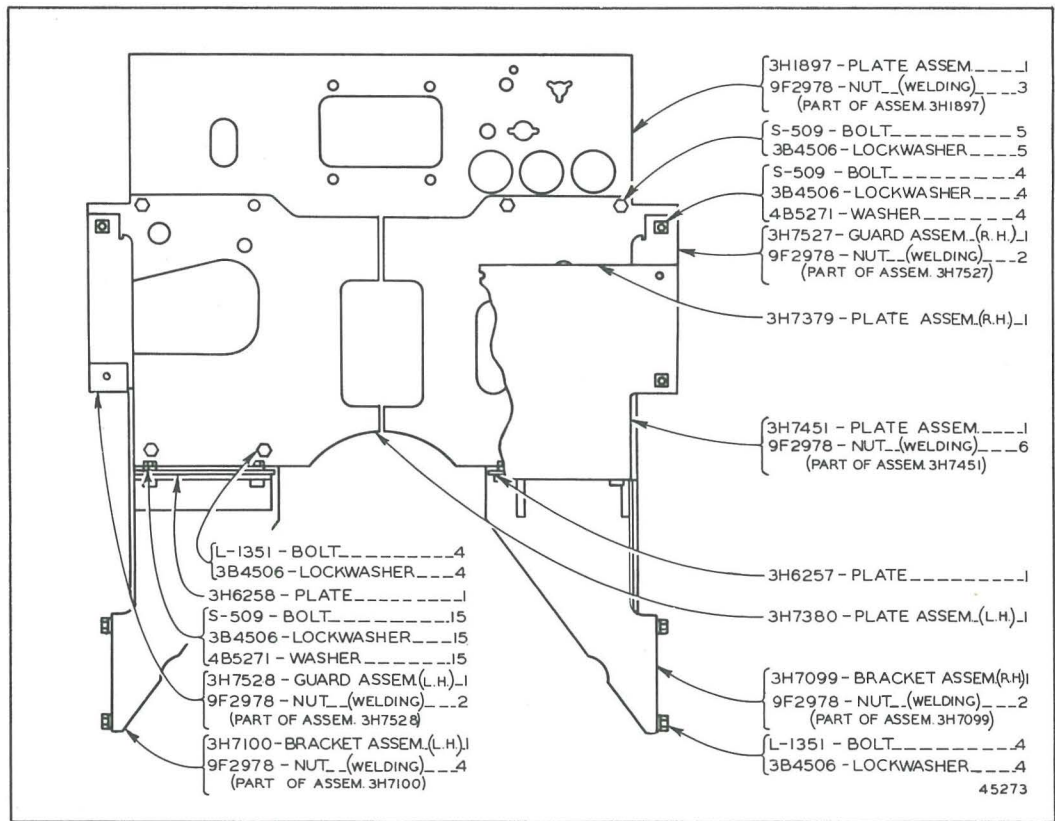
CLUTCH, TRANSMISSION AND CHASSIS

113

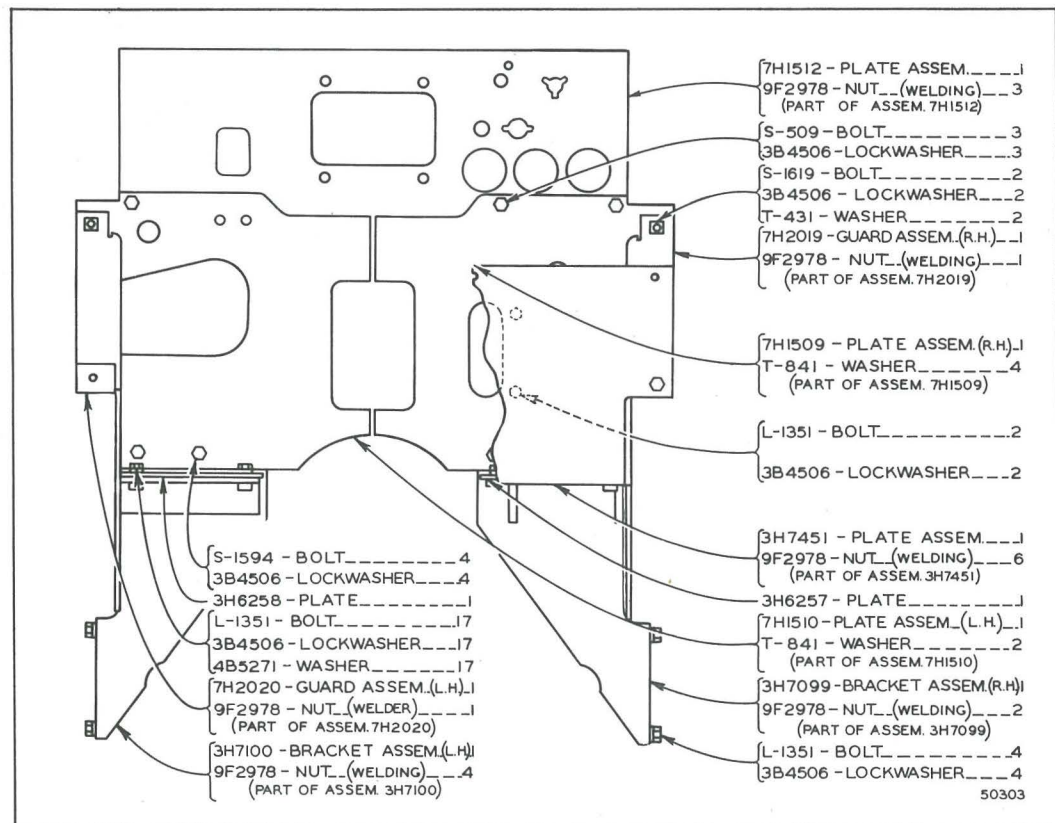


52674

FENDERS AND DRAWBAR
 Effective with Serial No. 11A2919
 Refer also to Pages 169 and 170 for special parts

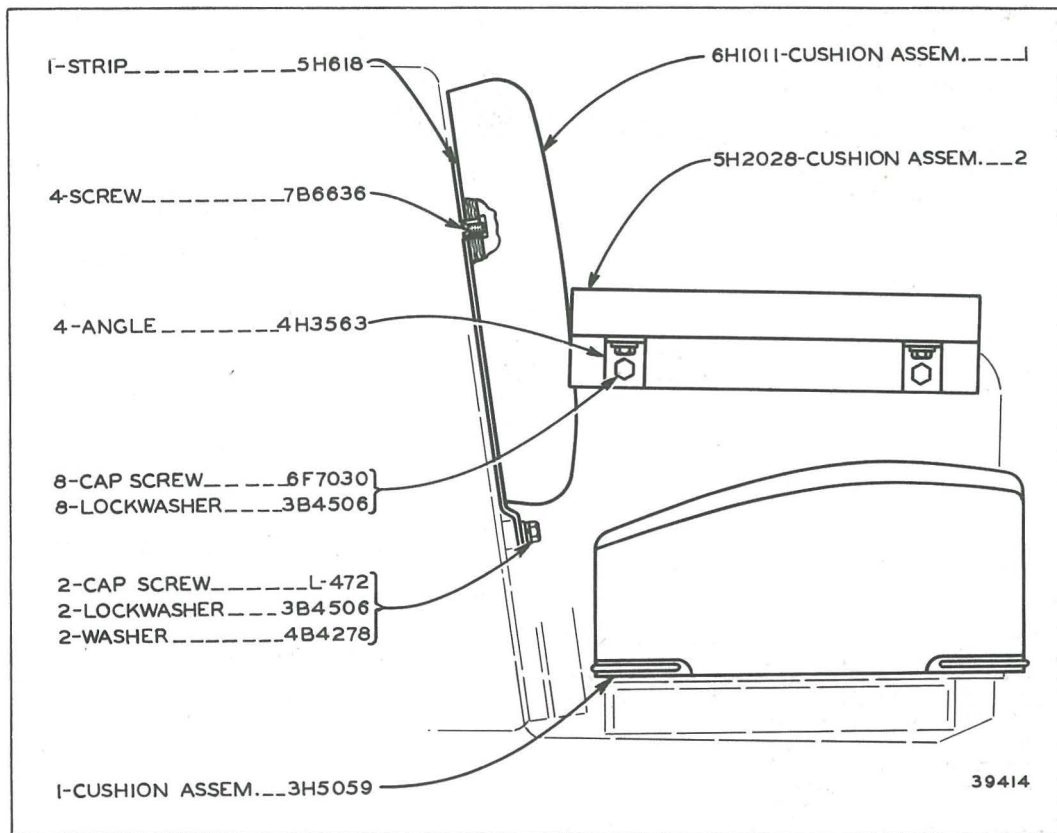


DASH AND FLOOR PLATE
 Serial No. 11A1 to 11A1459 inclusive

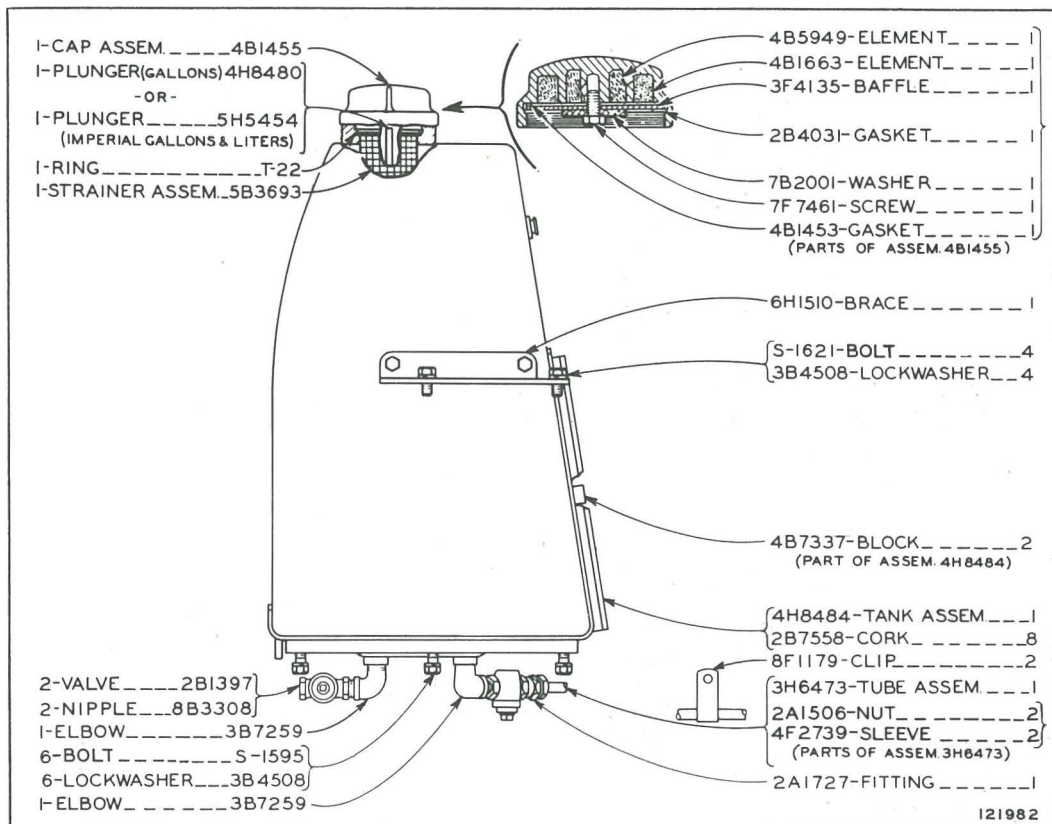


DASH AND FLOOR PLATE
 Effective with Serial No. 11A1460

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



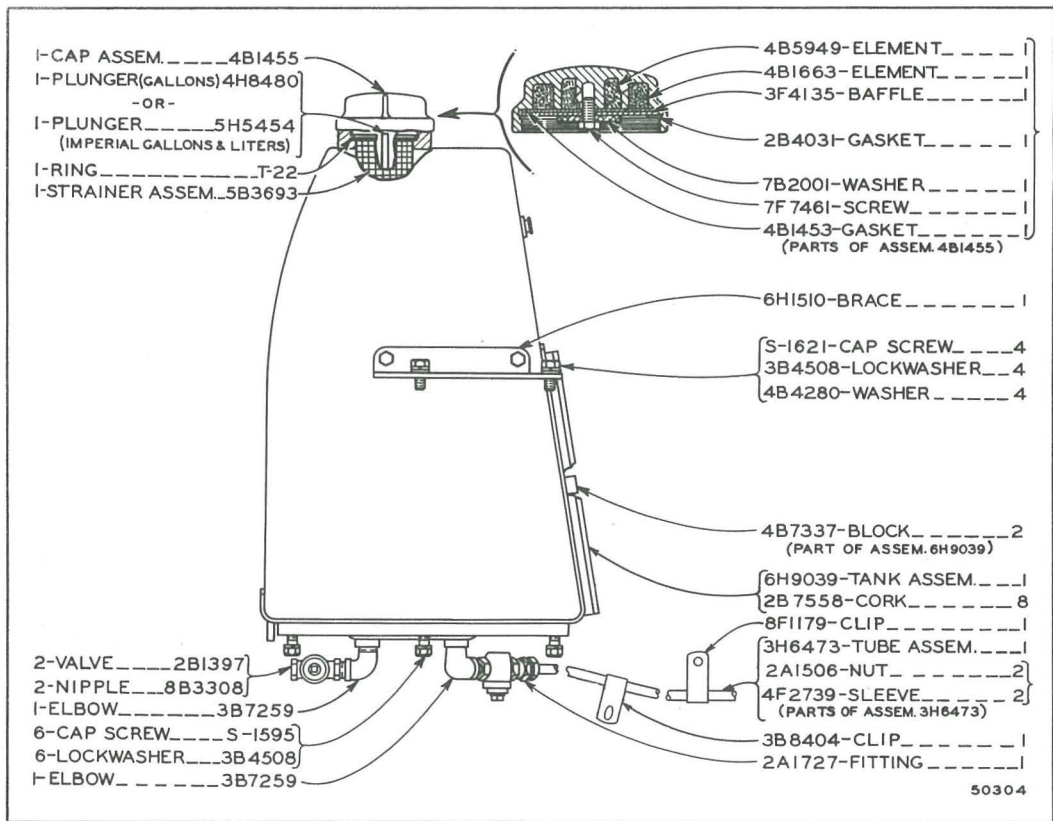
SEAT CUSHIONS



FUEL SYSTEM

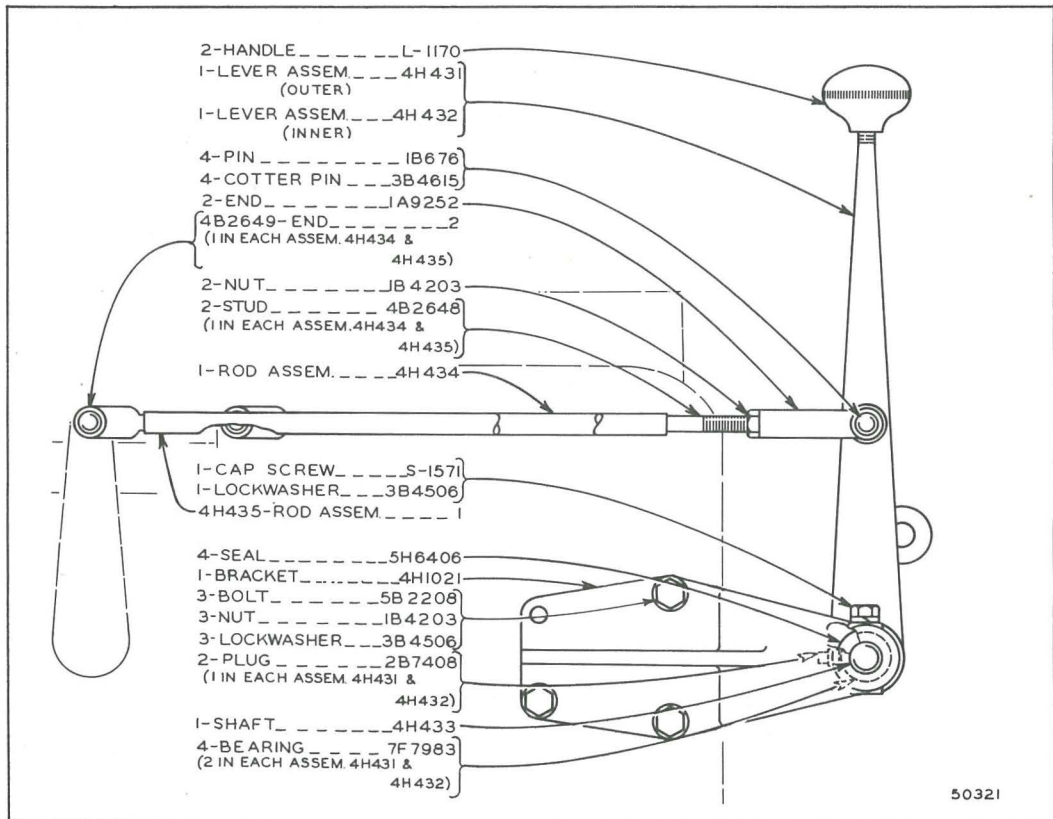
Serial No. 11A1 to 11A657 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



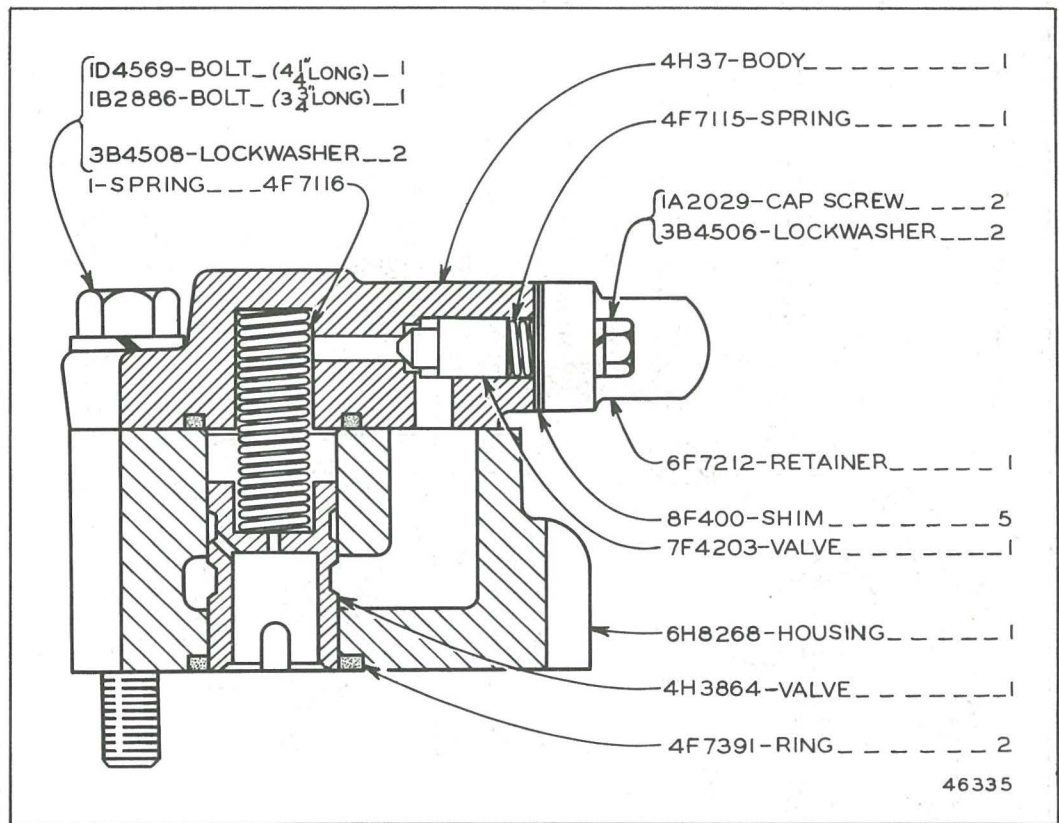
FUEL SYSTEM

Effective with Serial No. 11A658



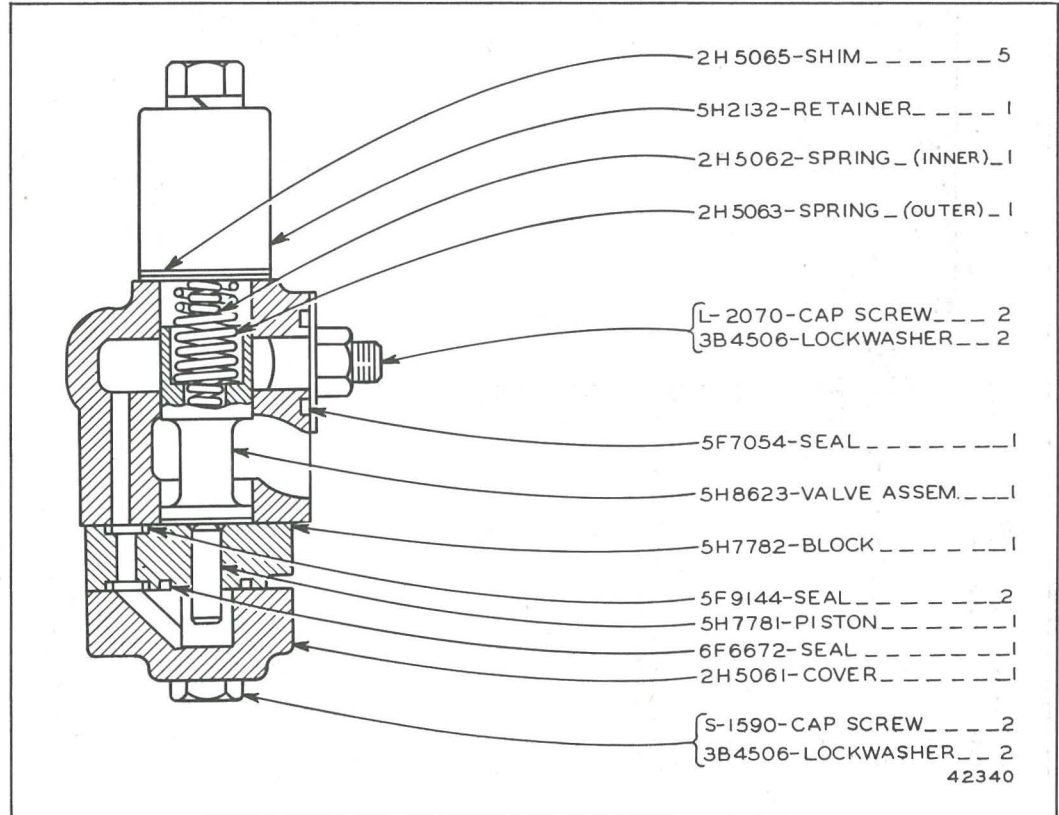
HYDRAULIC VALVE HAND CONTROL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



6H8267 RELIEF VALVE ASSEMBLY

Part of Hydraulic Tank and Valve shown on Pages 118, 120, 122 and 124

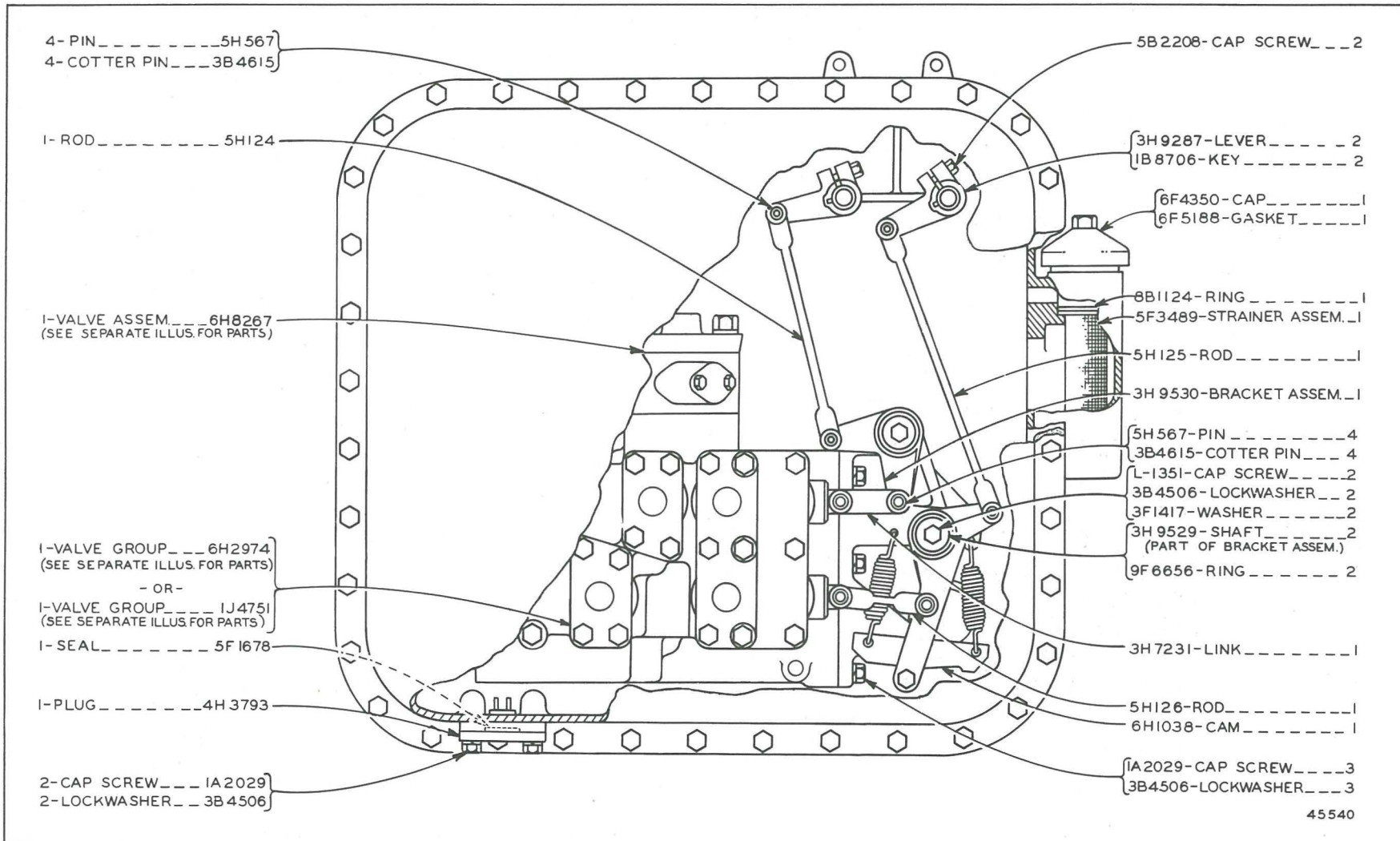


5H8004 RELIEF VALVE ASSEMBLY

Part of 6H2974 and 1J4751 Control Valve Groups shown on Pages 126, 127 and 128

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

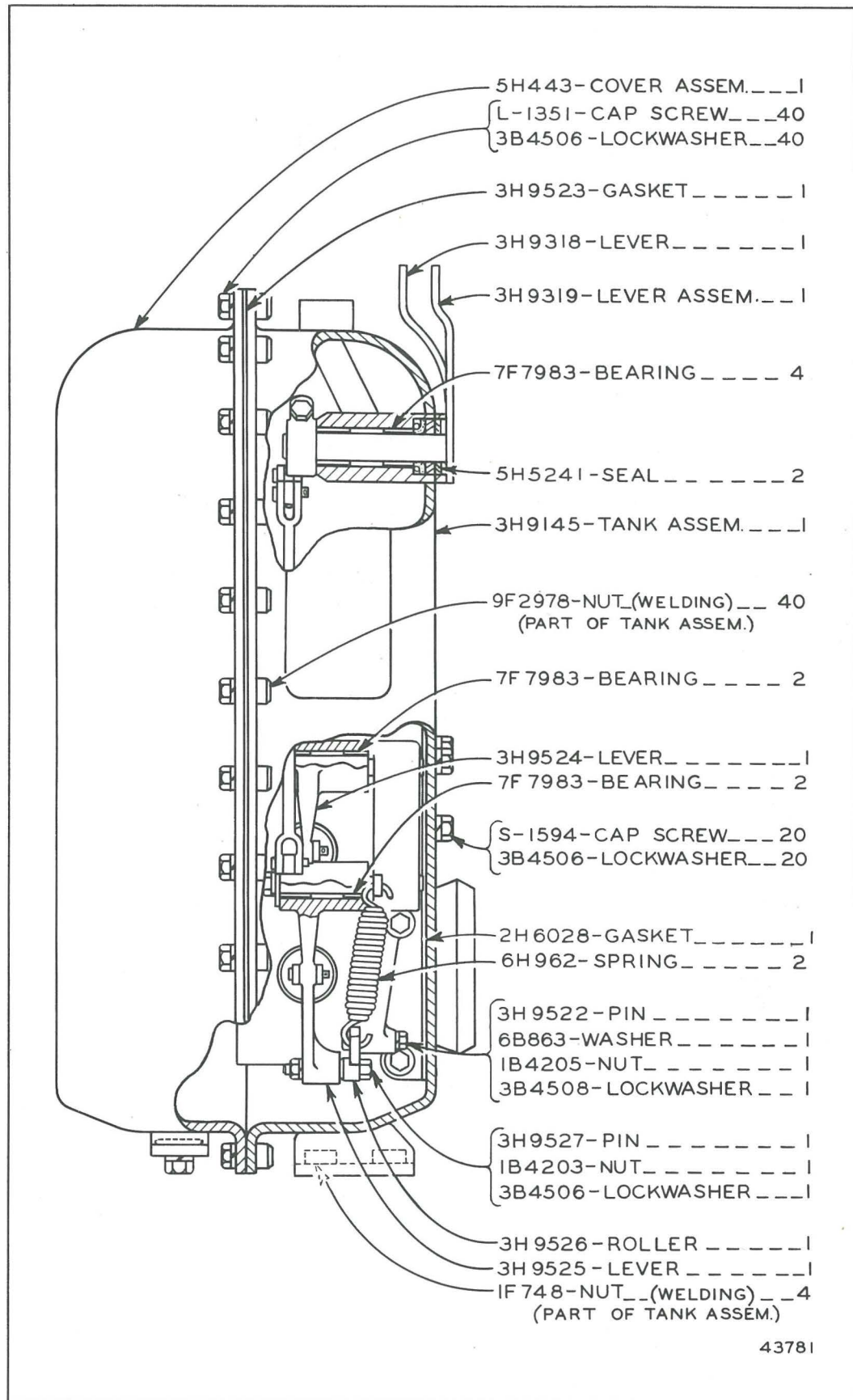
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



HYDRAULIC VALVE AND TANK—Front View

Serial No. 11A1 to 11A1162 inclusive

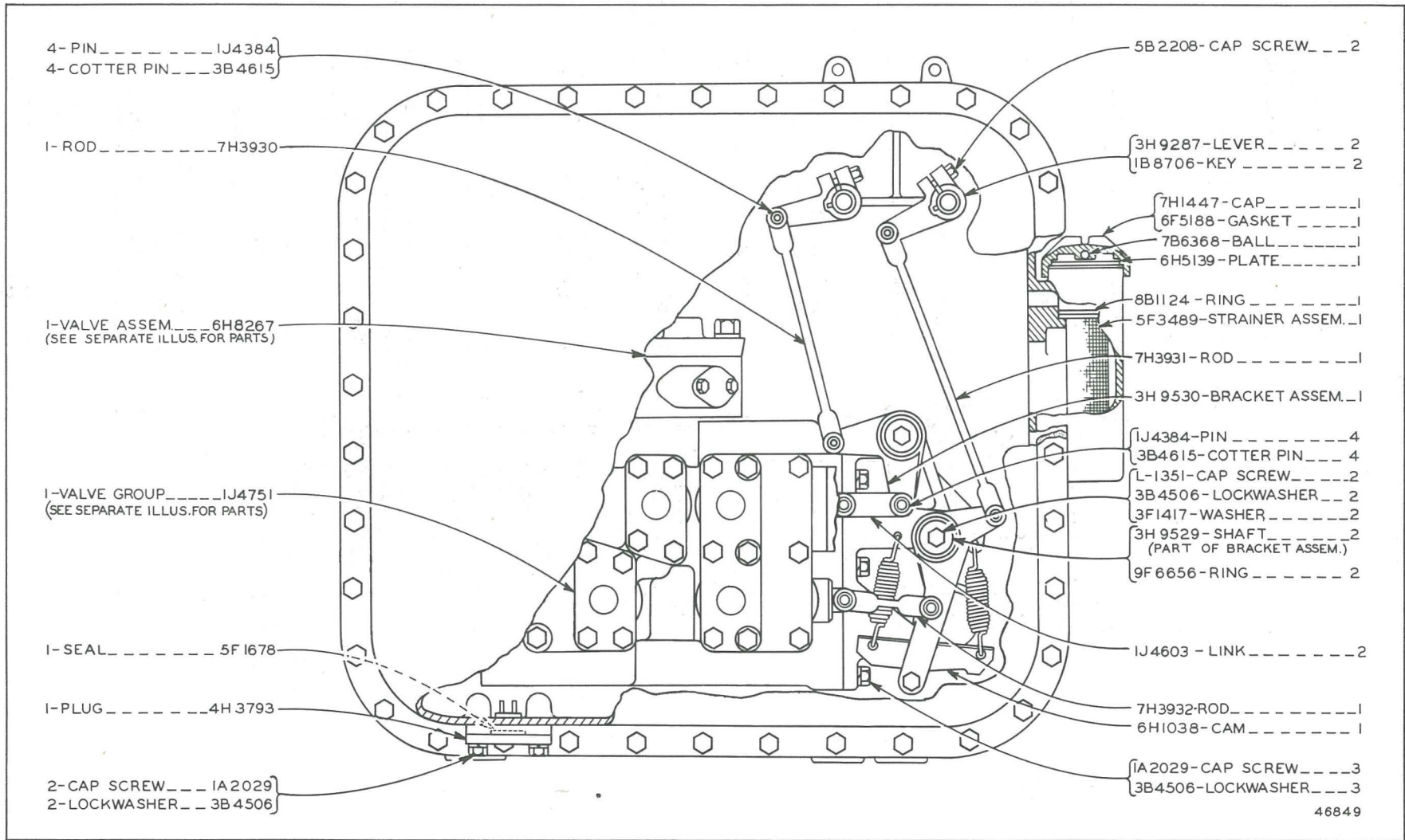
6H8267 Relief Valve Assembly, 6H2974 and 1J4751 Control Valve Group parts are shown on Pages 117, 126 and 127



HYDRAULIC VALVE AND TANK—Side View
 Serial No. 11A1 to 11A1162 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

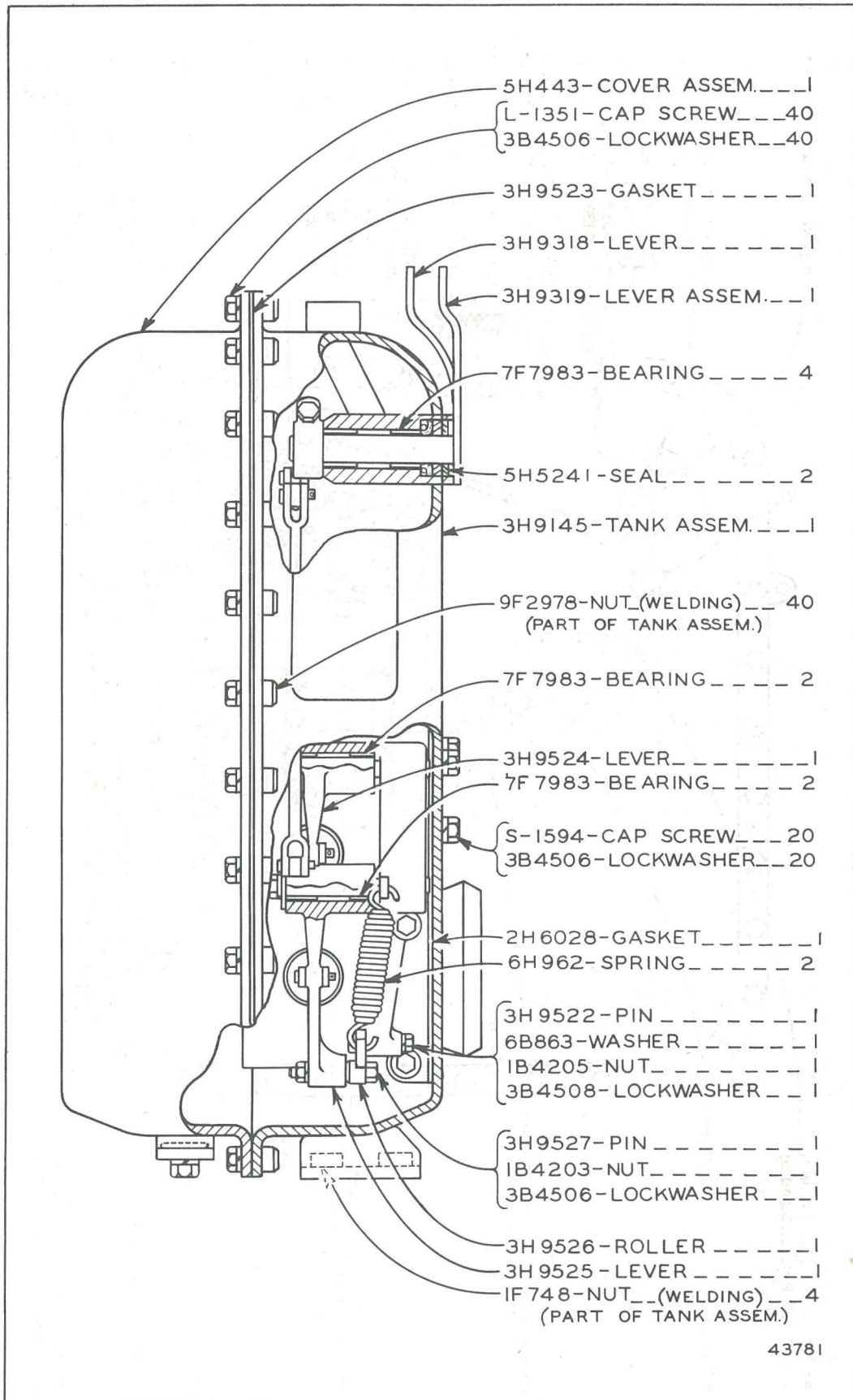
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



HYDRAULIC VALVE AND TANK—Front View

Serial No. 11A1163 to 11A1438 inclusive

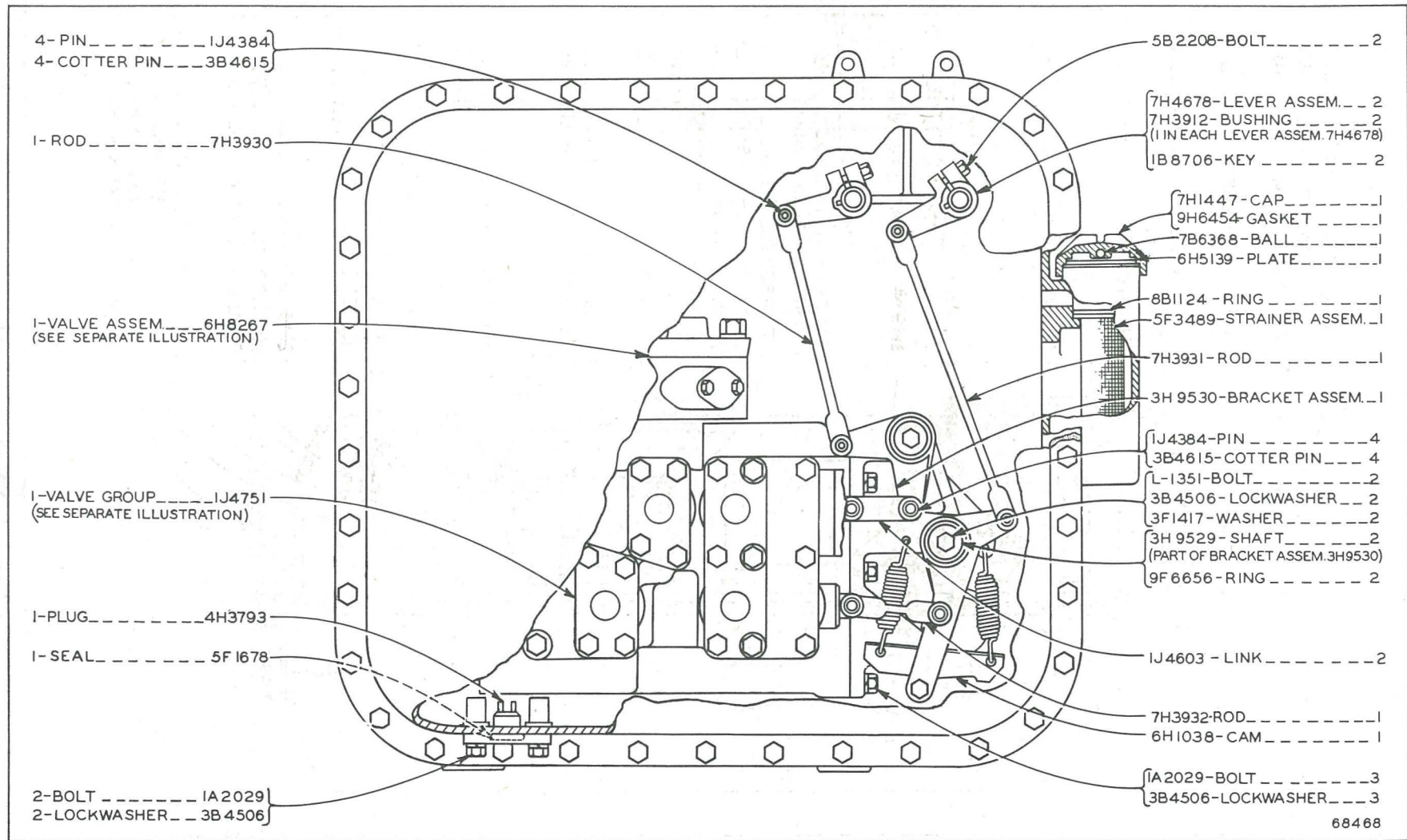
6H8267 Relief Valve Assembly and 1J4751 Control Valve Group parts are shown on Pages 117 and 127



HYDRAULIC VALVE AND TANK—Side View
 Serial No. 11A1163 to 11A1438 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

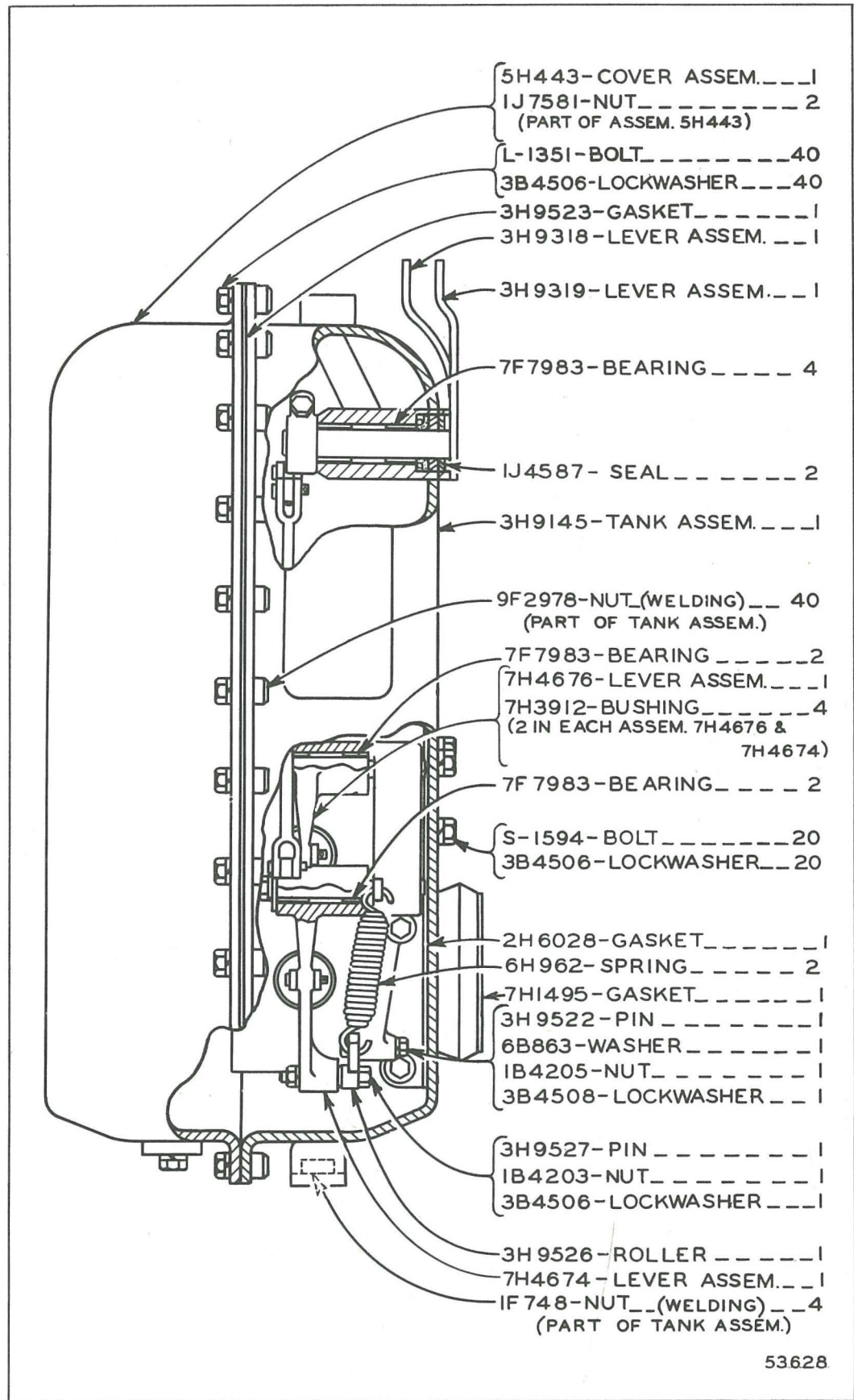


HYDRAULIC VALVE AND TANK—Front View

Effective with Serial No. 11A1558

6H8267 Relief Valve Assembly and 1J4751 Control Valve Group parts are shown on Pages 117, 127 and 128

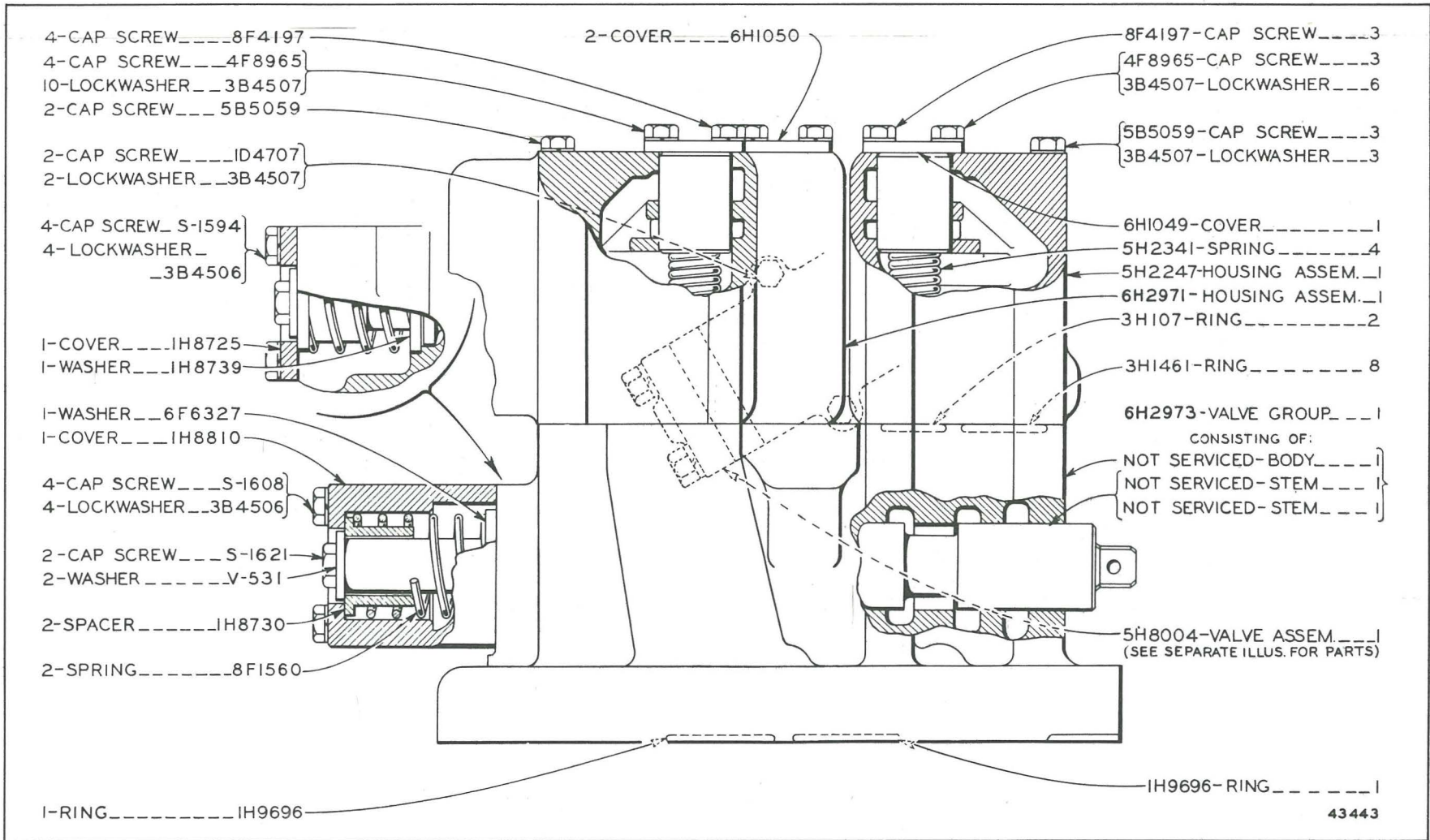
124 "CATERPILLAR" NO. 933 TRAXCAVATOR



HYDRAULIC VALVE AND TANK—Side View
 Effective with Serial No. 11A1558

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

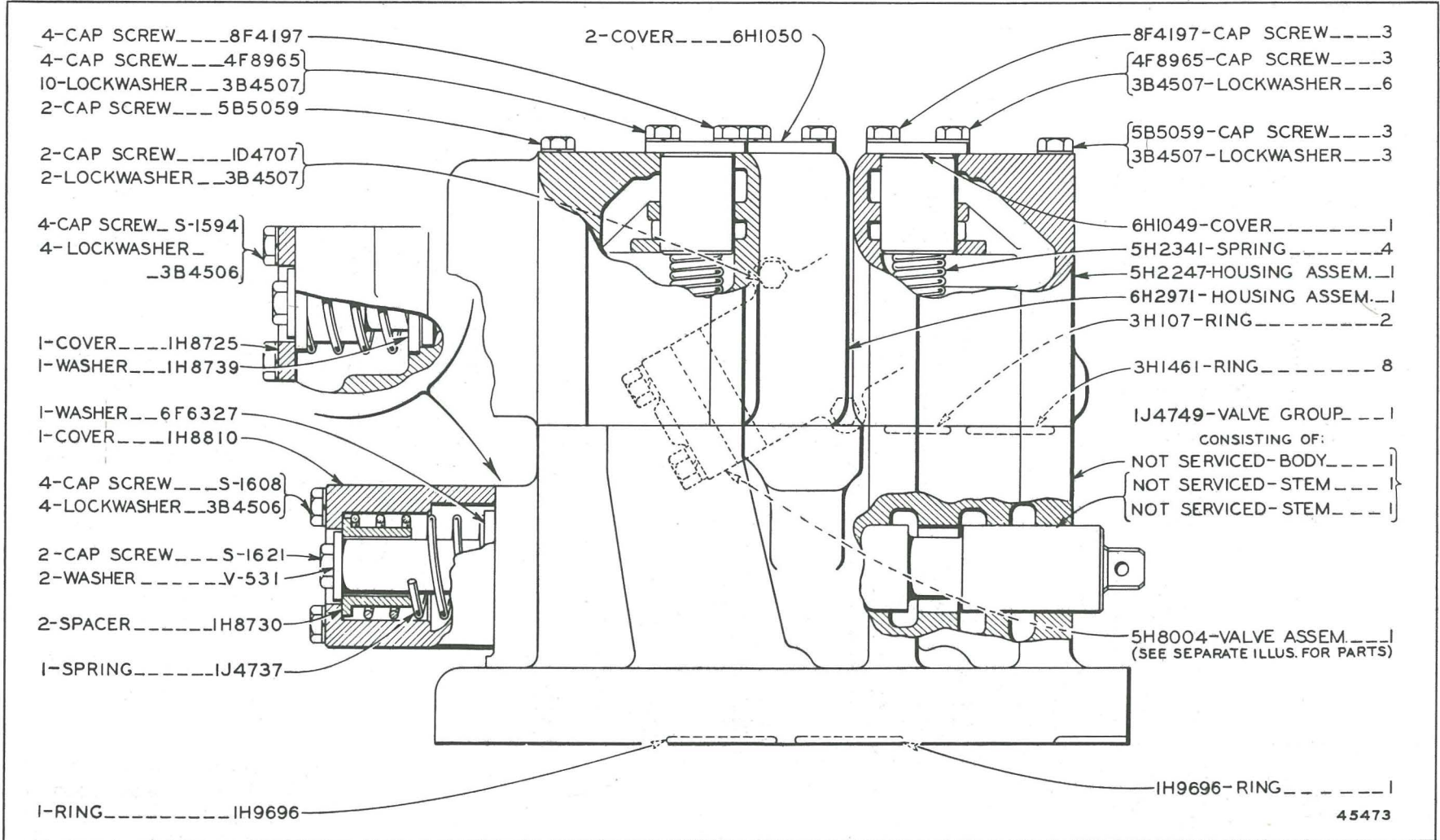
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



43443

6H2974 CONTROL VALVE GROUPS

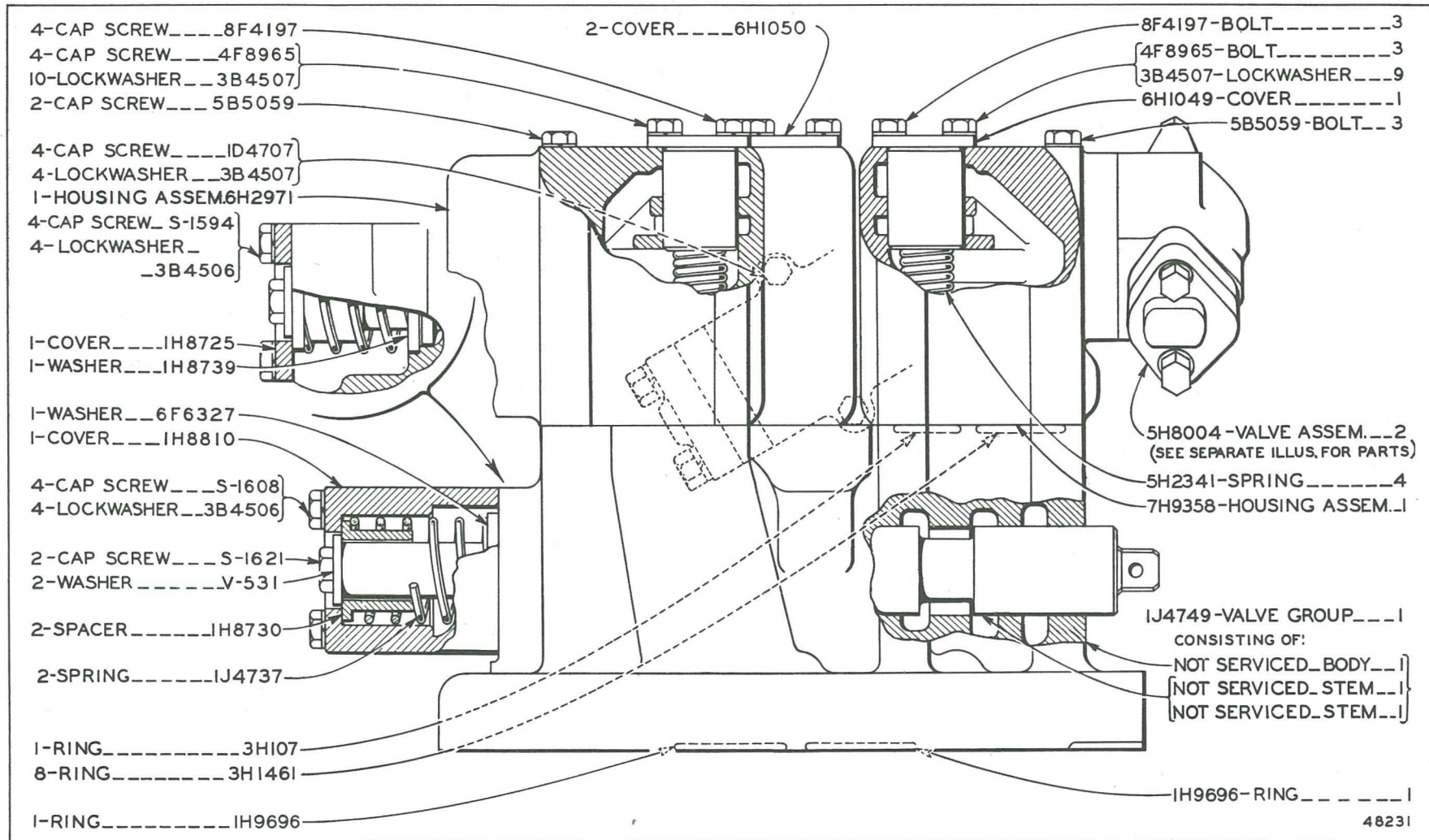
Serial No. 11A1 to 11A579 inclusive. Part of Hydraulic Valve and Tank shown on Page 118
 5H8004 Relief Valve Assembly parts are shown on Page 117
 Only separate parts serviced. When complete Group is required order 1J4751 shown on Page 128



IJ4751 CONTROL VALVE GROUP
 Serial No. 11A580 to 11A1589 inclusive
 Part of Hydraulic Valve and Tank shown on Pages 118, 120, 122 and 124
 5H8004 Relief Valve Assembly parts are shown on Page 117

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

128 "CATERPILLAR" NO. 933 TRAXCAVATOR



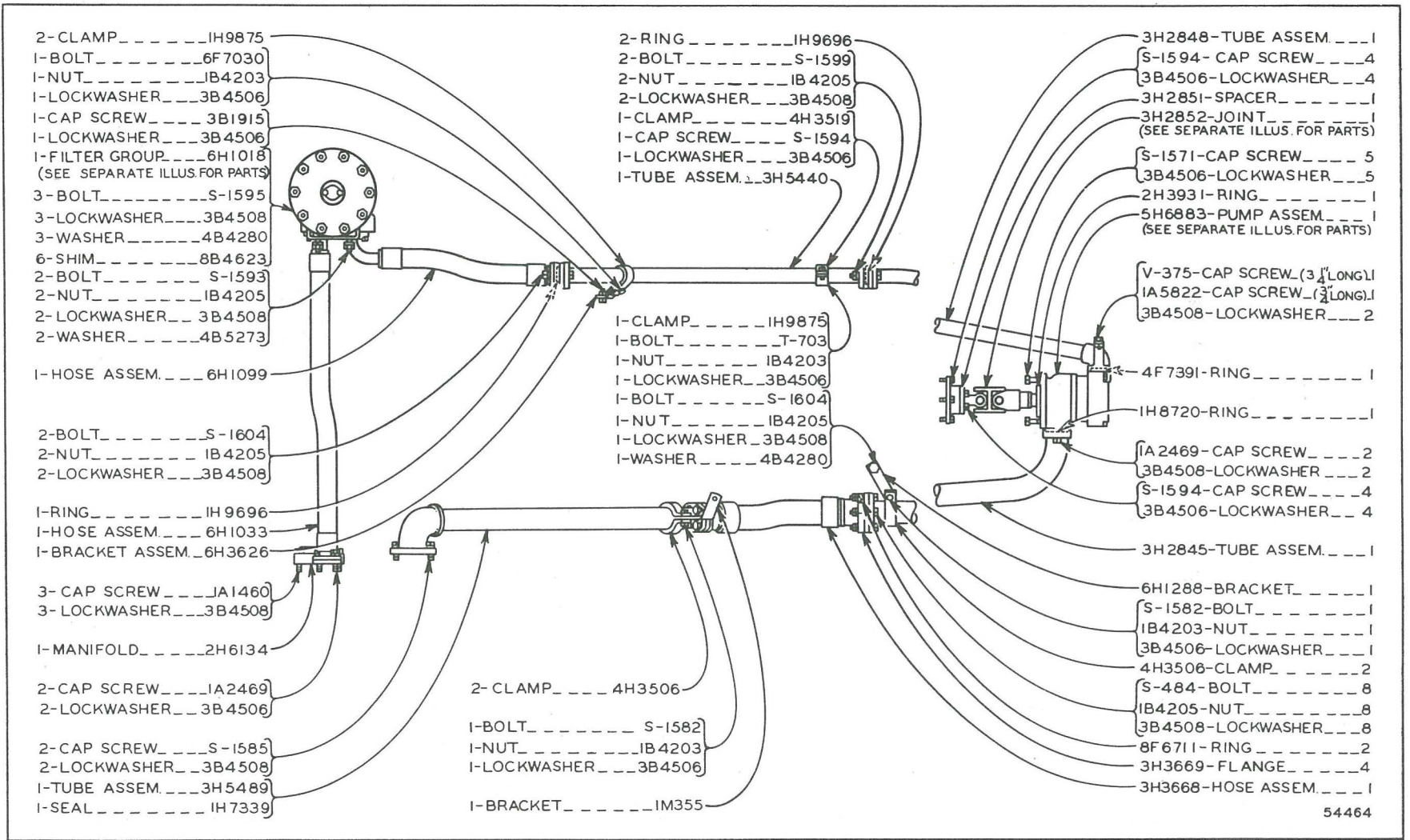
48231

IJ4751 CONTROL VALVE GROUP

Effective with Serial No. 11A1590

Part of Hydraulic Valve and Tank shown on Page 124
 5H8004 Relief Valve Assembly parts are shown on Page 117

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



54464

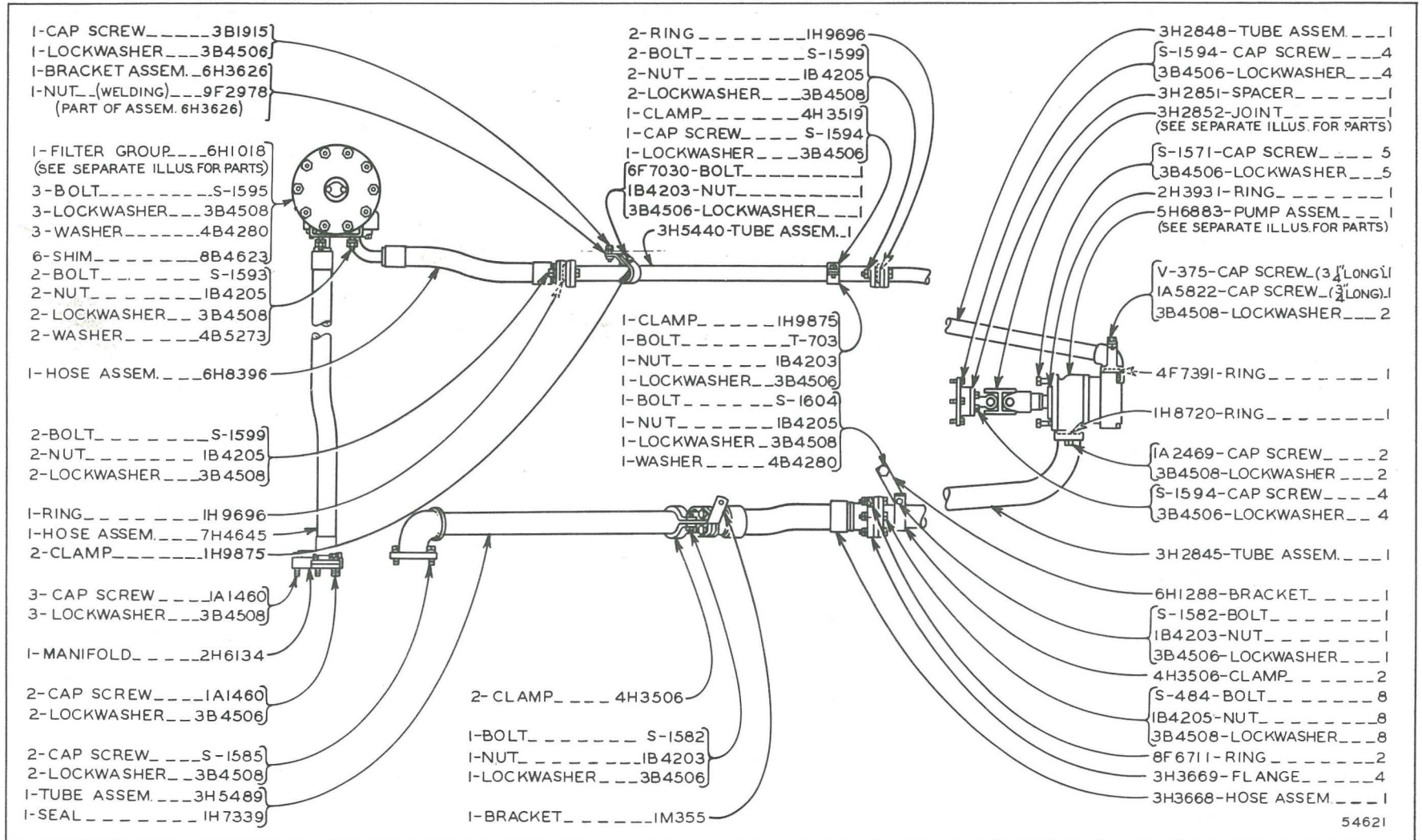
HYDRAULIC PUMP AND LINES

Serial No. 11A1 to 11A685 inclusive

6H1018 Hydraulic Oil Filter Group, 5H6883 Pump Assembly and 3H2852 Universal Joint parts are shown on Pages 132, 133 and 134

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

130 "CATERPILLAR" NO. 933 TRAXCAVATOR



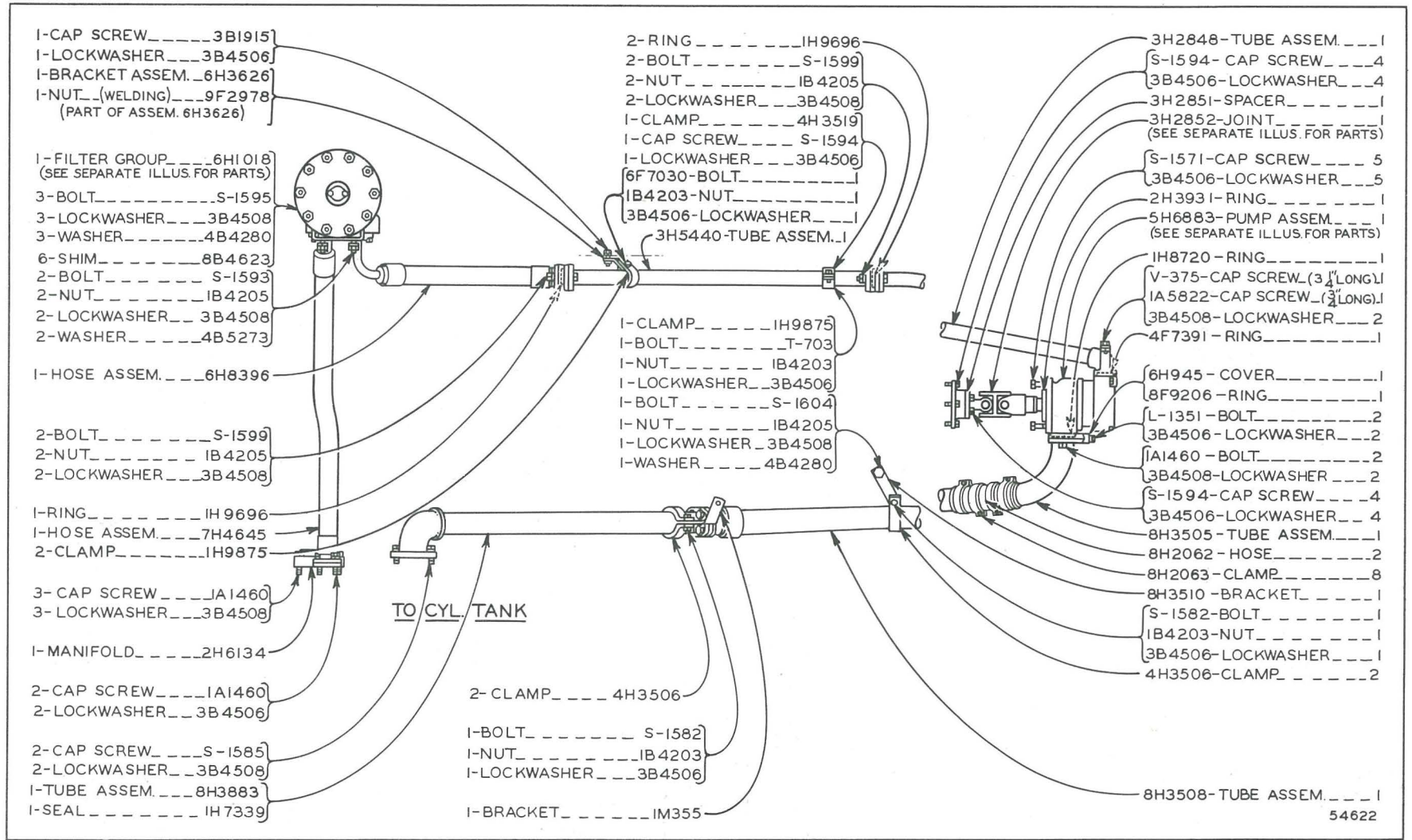
54621

HYDRAULIC PUMP AND LINES

Serial No. 11A686 to 11A2595 inclusive

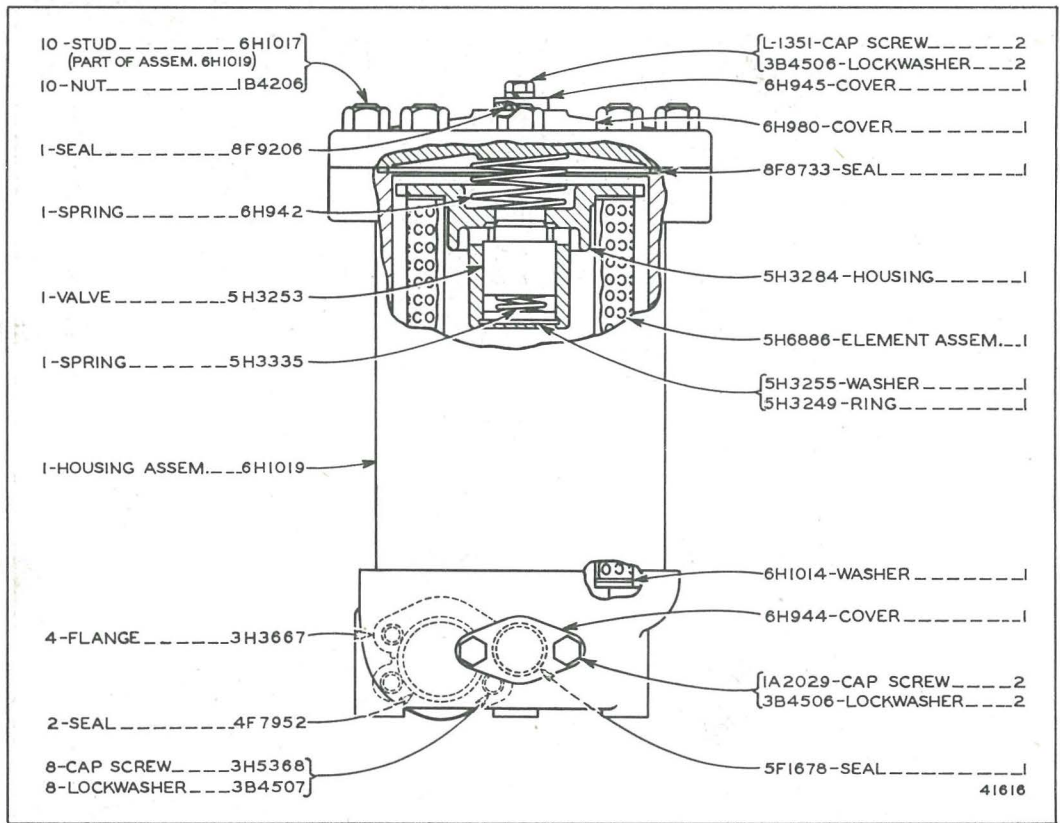
6H1018 Hydraulic Oil Filter Group, 5H6883 Pump Assembly and 3H2852 Universal Joint parts are shown on Pages 132, 133 and 134

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



HYDRAULIC PUMP AND LINES
 Effective with Serial No. 11A2596

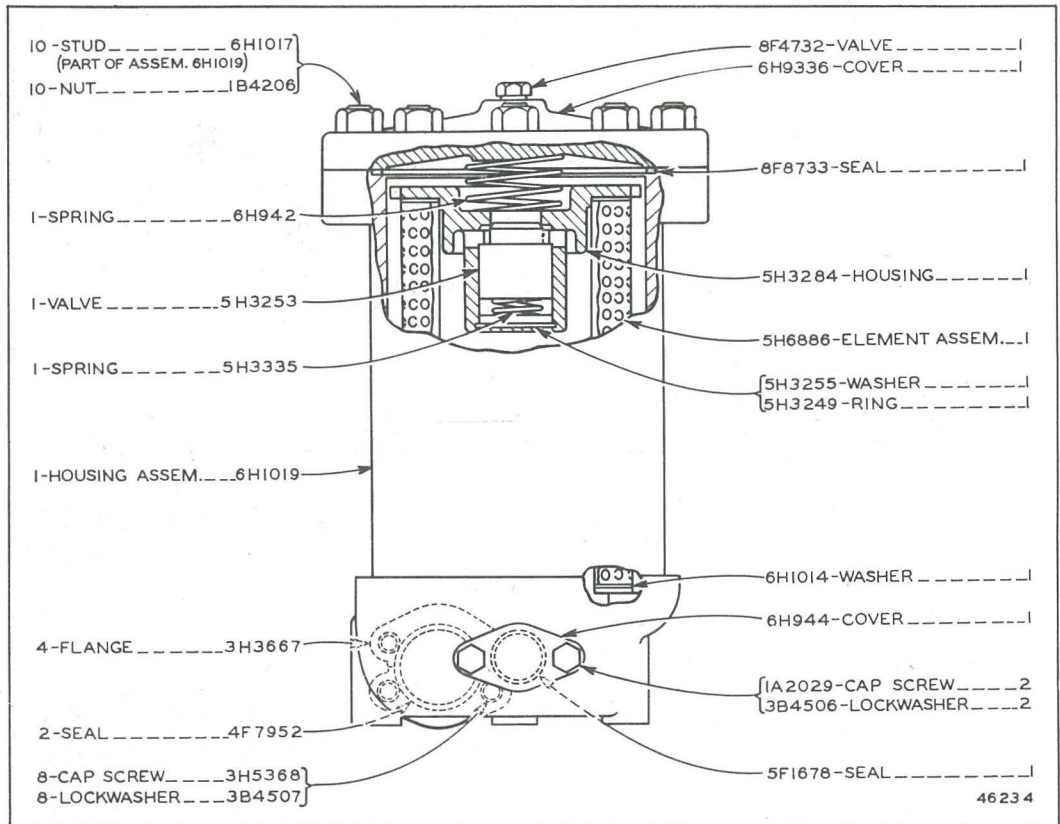
6H1018 Hydraulic Oil Filter Group, 5H6883 Pump Assembly and 3H2852 Universal Joint parts are shown on Pages 133 and 134



6H1018 HYDRAULIC OIL FILTER GROUP

Serial No. 11A1 to 11A769 inclusive

Part of Hydraulic Pump and Lines shown on Pages 129 and 130

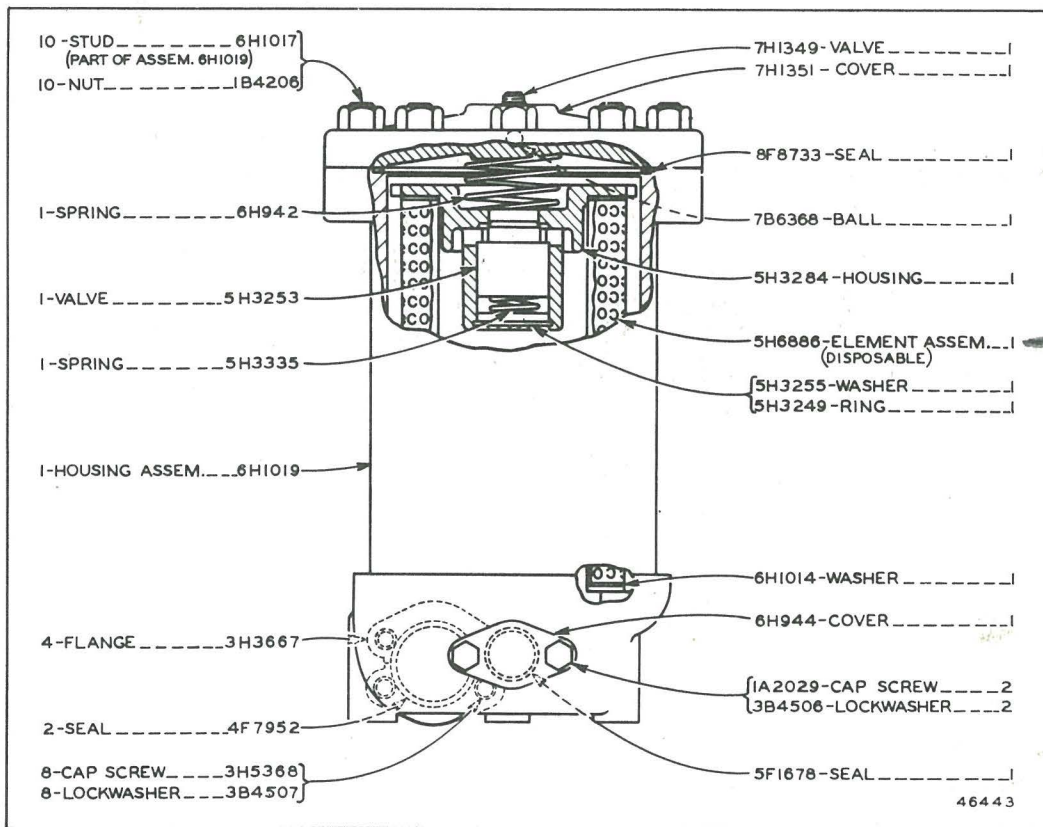


6H1018 HYDRAULIC OIL FILTER GROUP

Serial No. 11A770 to 11A1025 inclusive

Part of Hydraulic Pump and Lines shown on Page 130

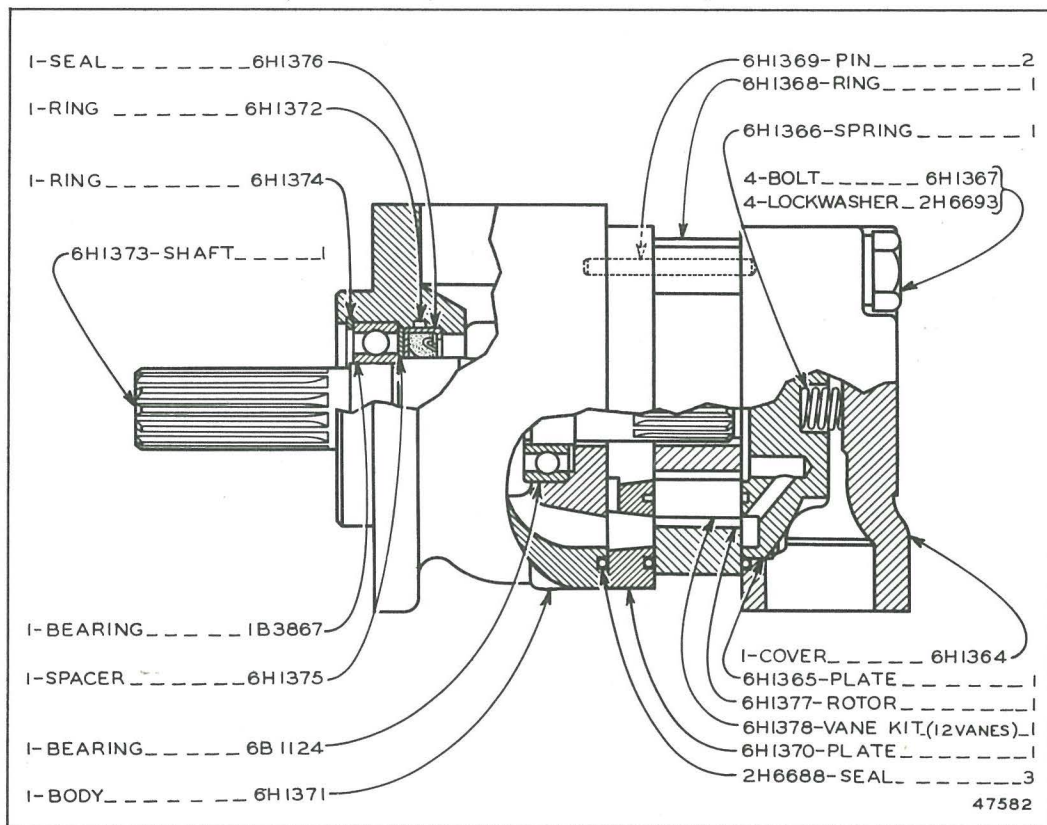
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



6H1018 HYDRAULIC OIL FILTER GROUP

Effective with Serial No. 11A1026

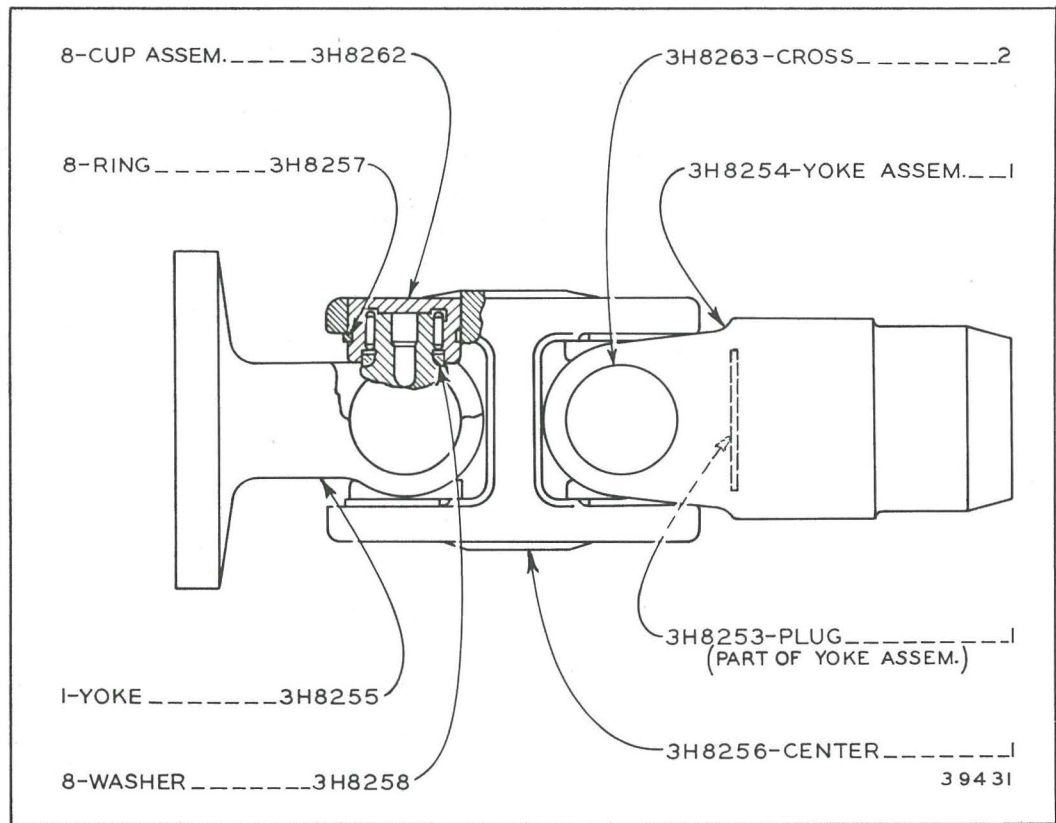
Part of Hydraulic Pump and Lines shown on Pages 130 and 131



5H6883 PUMP ASSEMBLY

Part of Hydraulic Pump and Lines shown on Pages 129, 130 and 131

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

**3H2852 UNIVERSAL JOINT**

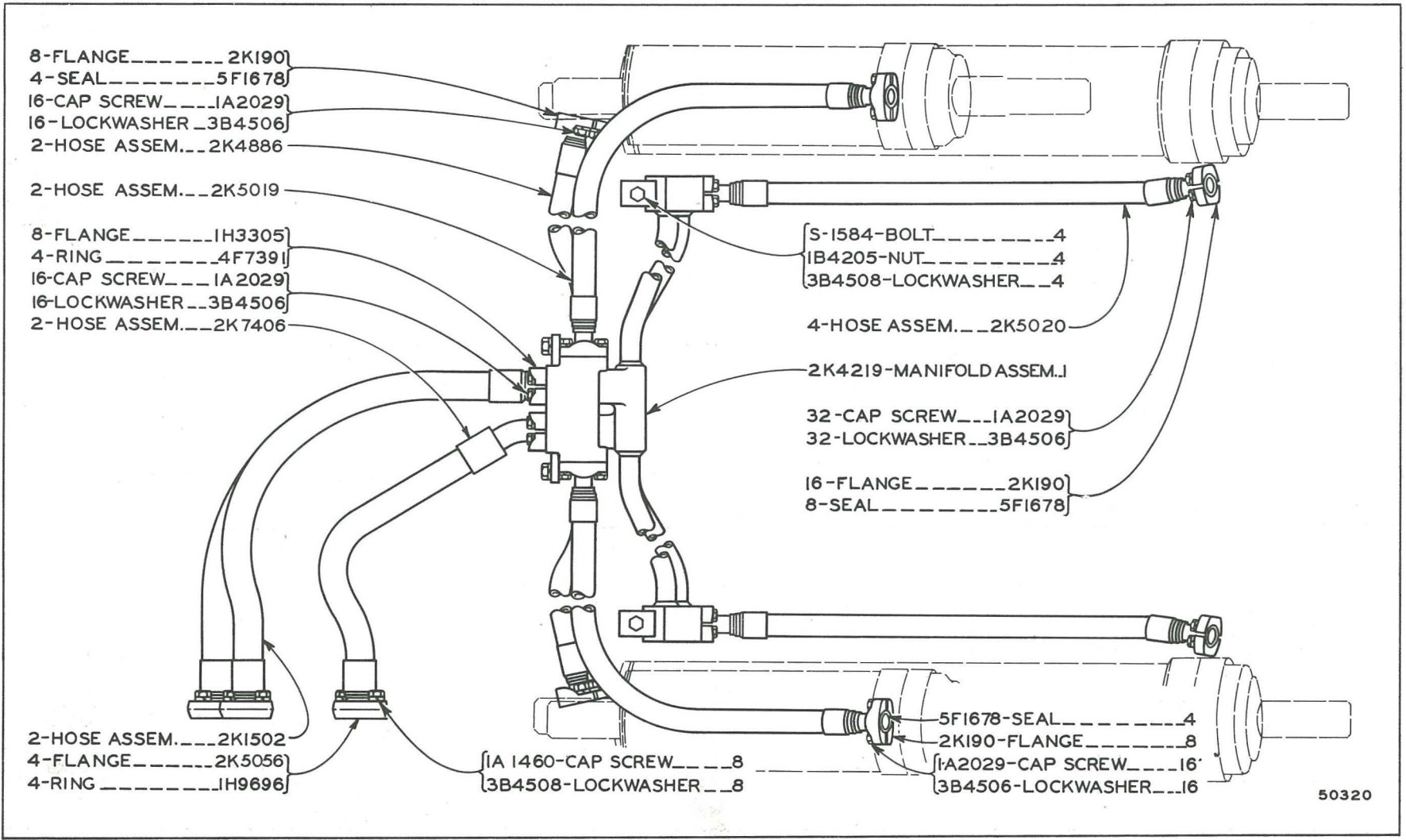
Part of Hydraulic Pump and Lines shown on Pages 129, 130 and 131

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

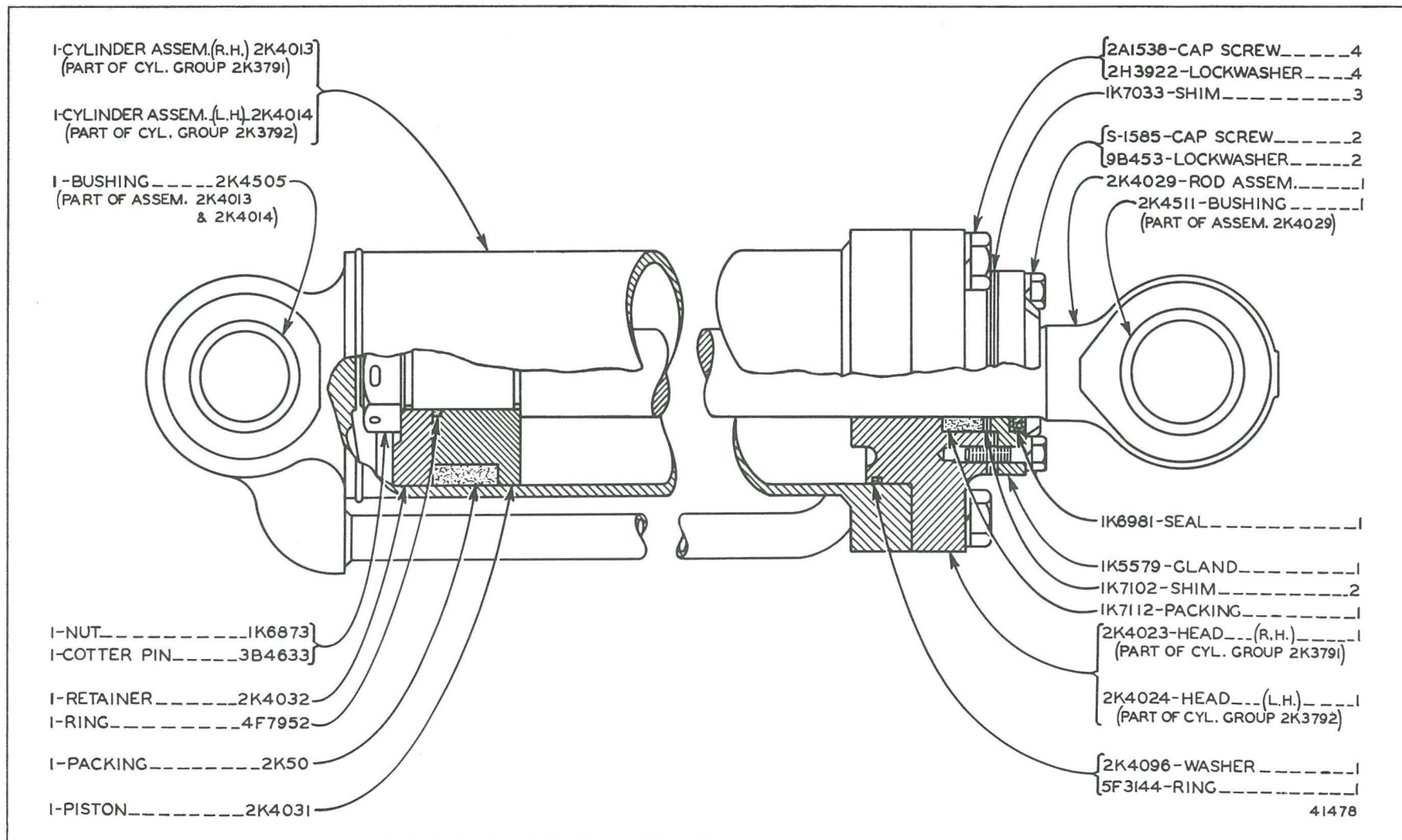
HYDRAULIC CONTROLS

135



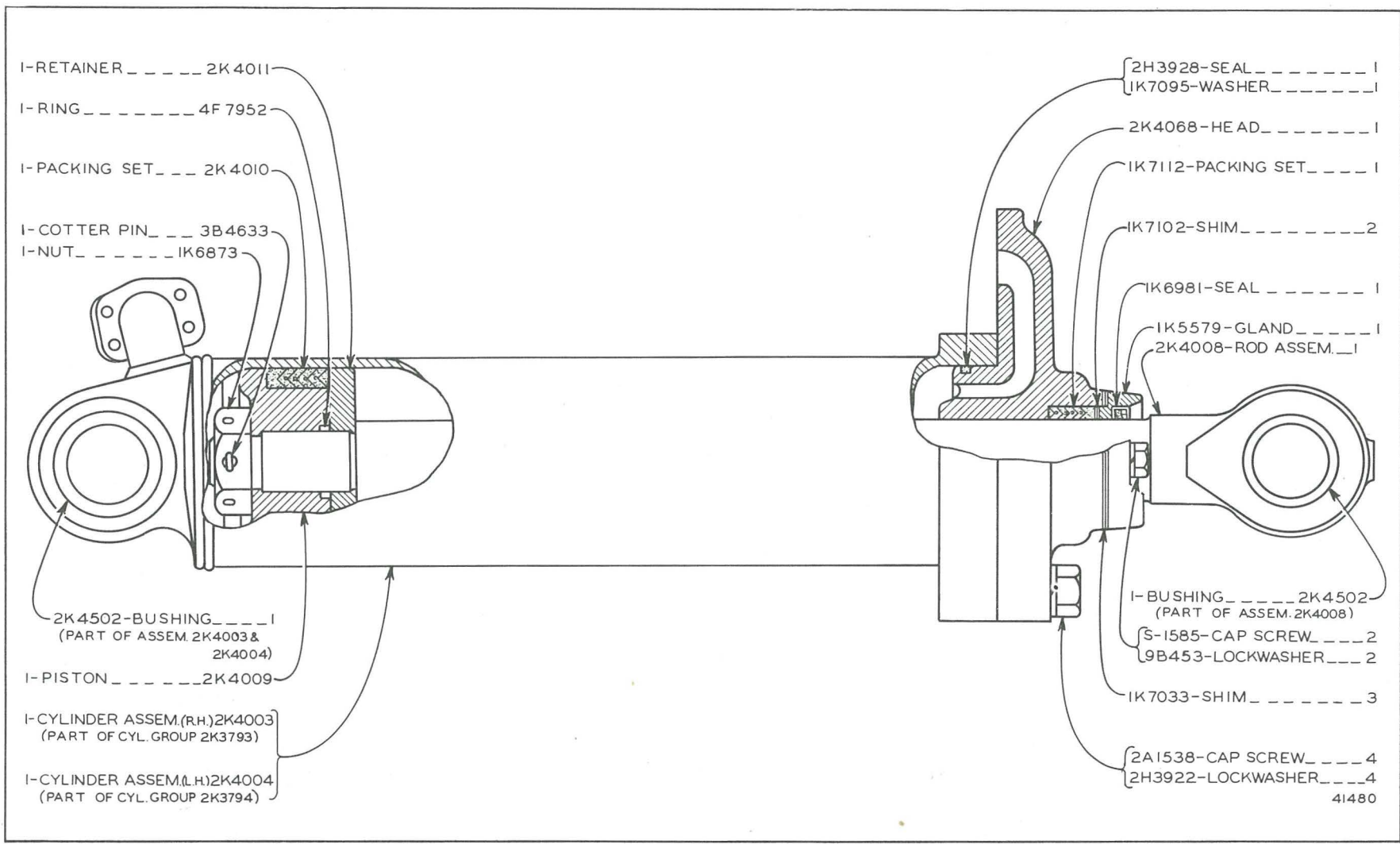
HYDRAULIC LINES—Top View

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

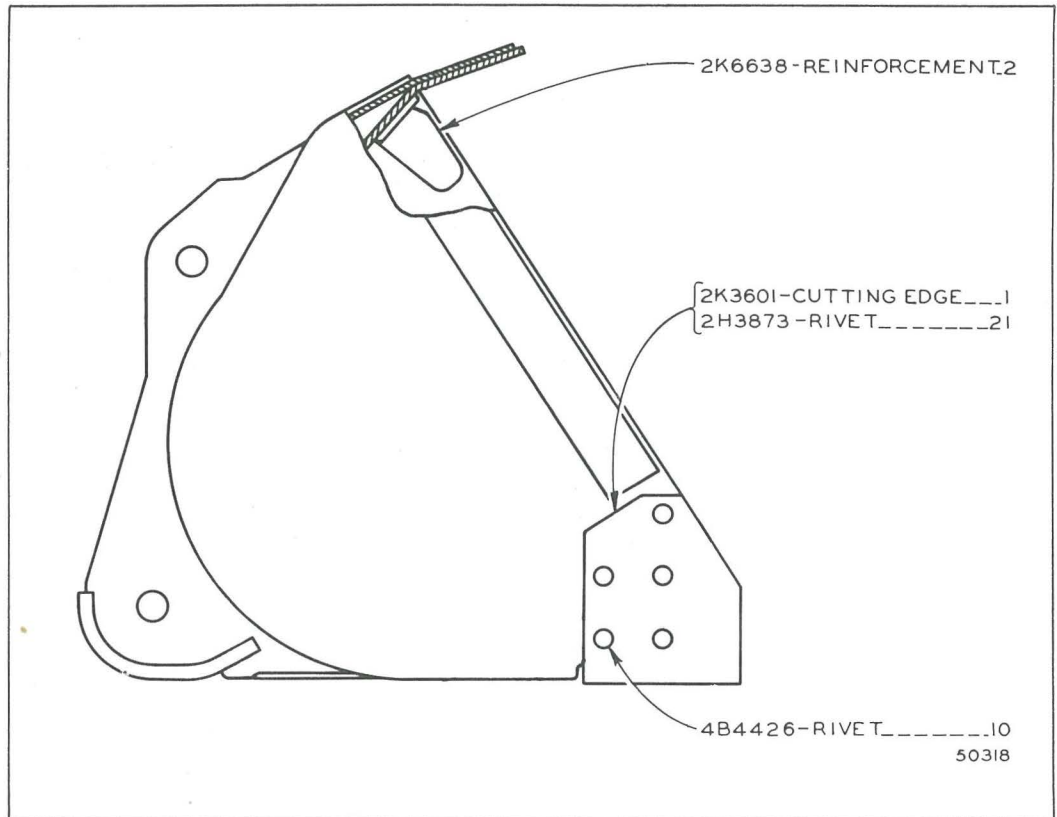


2K3791 LIFT CYLINDER GROUP—R.H.—5"x25"
2K3792 LIFT CYLINDER GROUP—L.H.—5"x25"

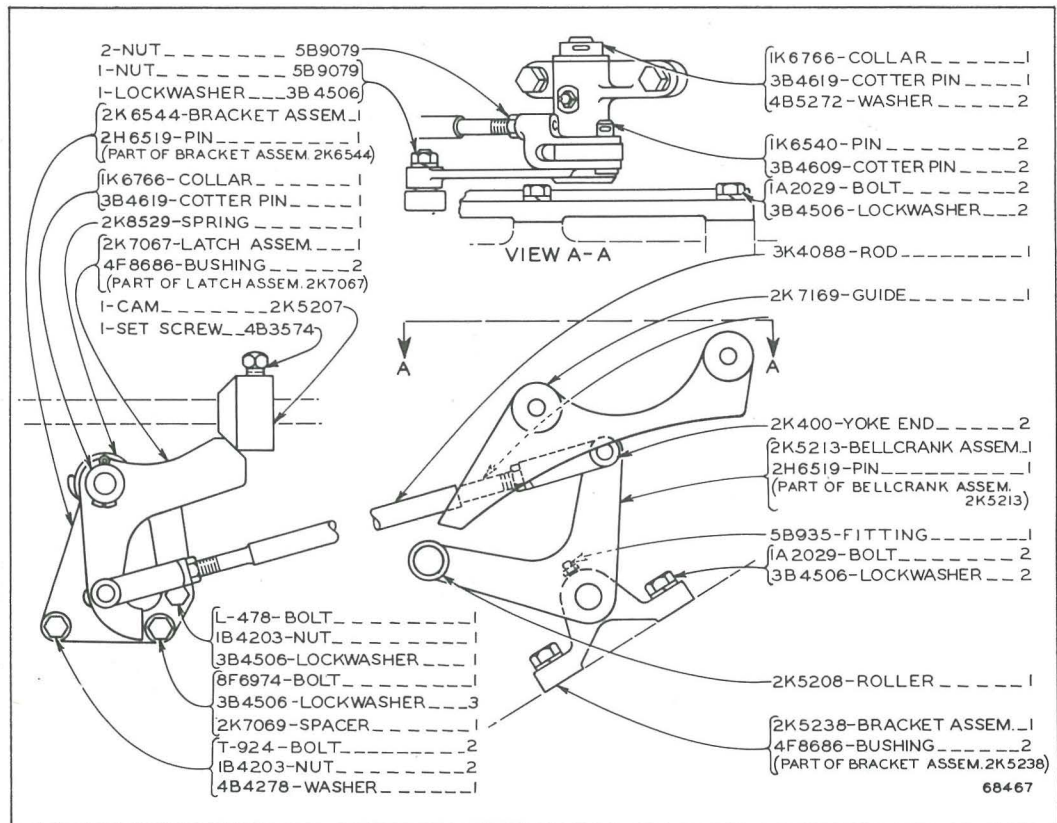
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2K3793 TILT CYLINDER GROUP—R.H.—4 1/2" x 14"
 2K3794 TILT CYLINDER GROUP—L.H.—4 1/2" x 14"



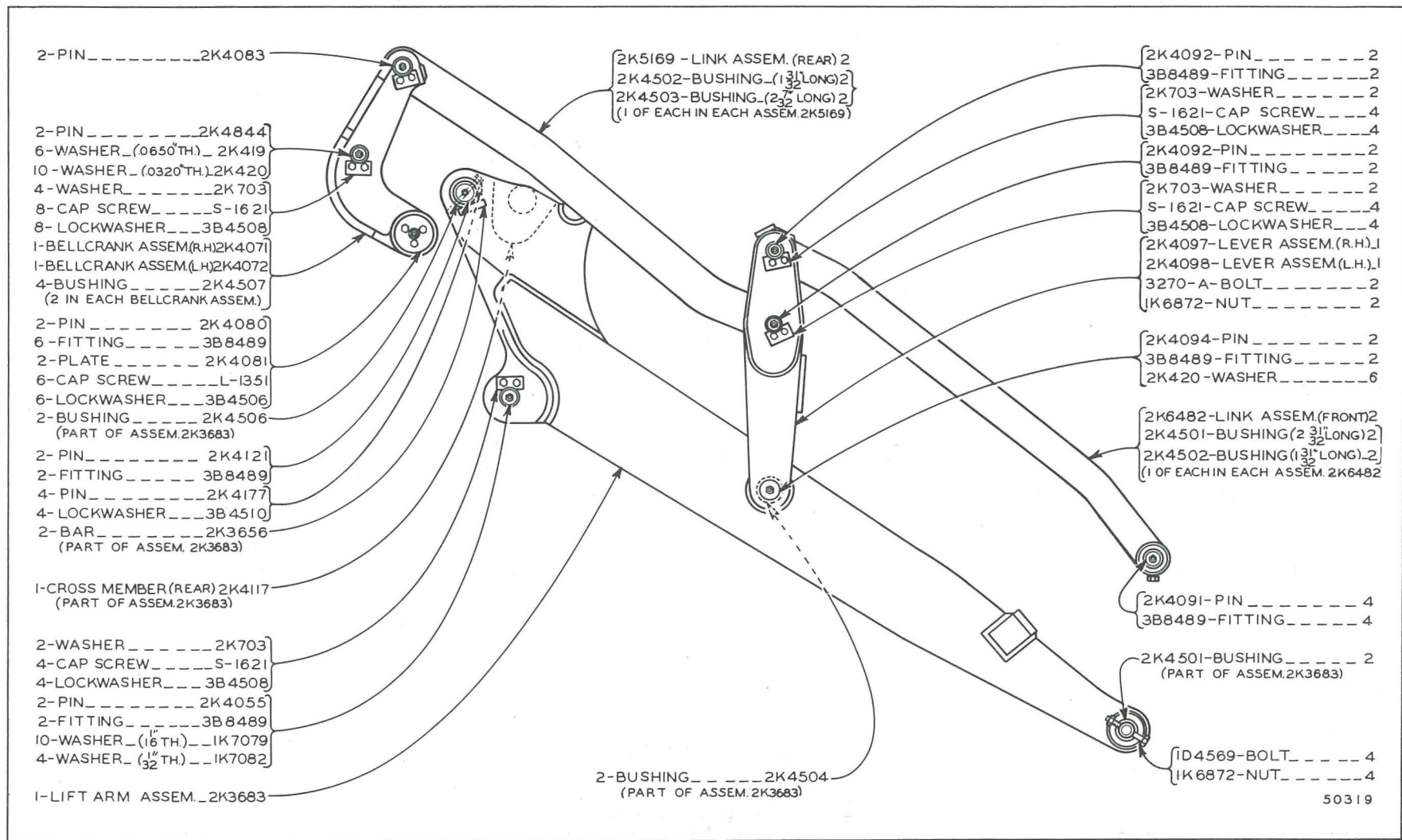
2K3600 BUCKET ASSEMBLY—1 Cu. Yd.—70" Wide
Refer also to Pages 144 and 145 for special parts



2K6550 BUCKET POSITIONER GROUP
Effective with Serial No. 11A2433

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

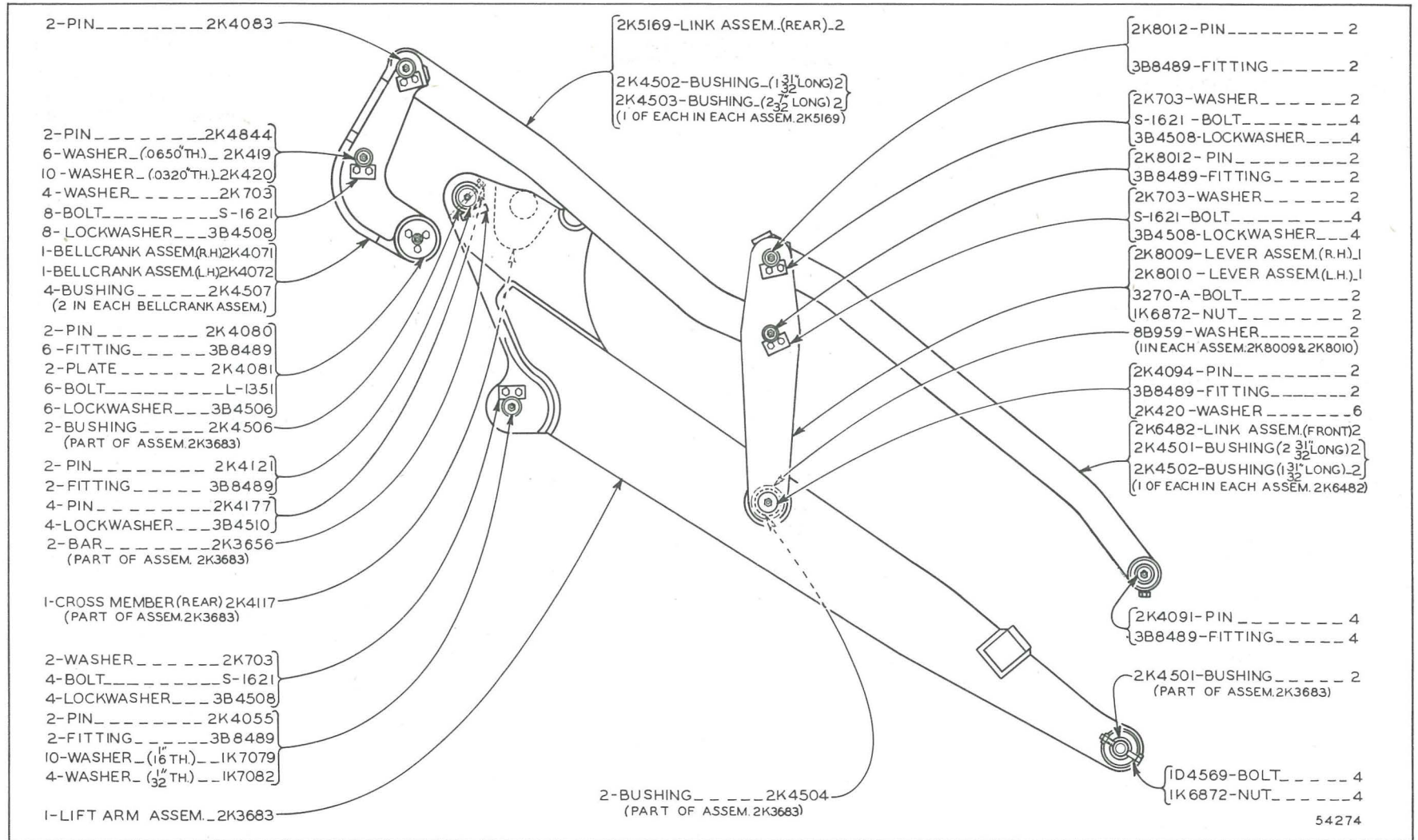
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



BUCKET CONTROL

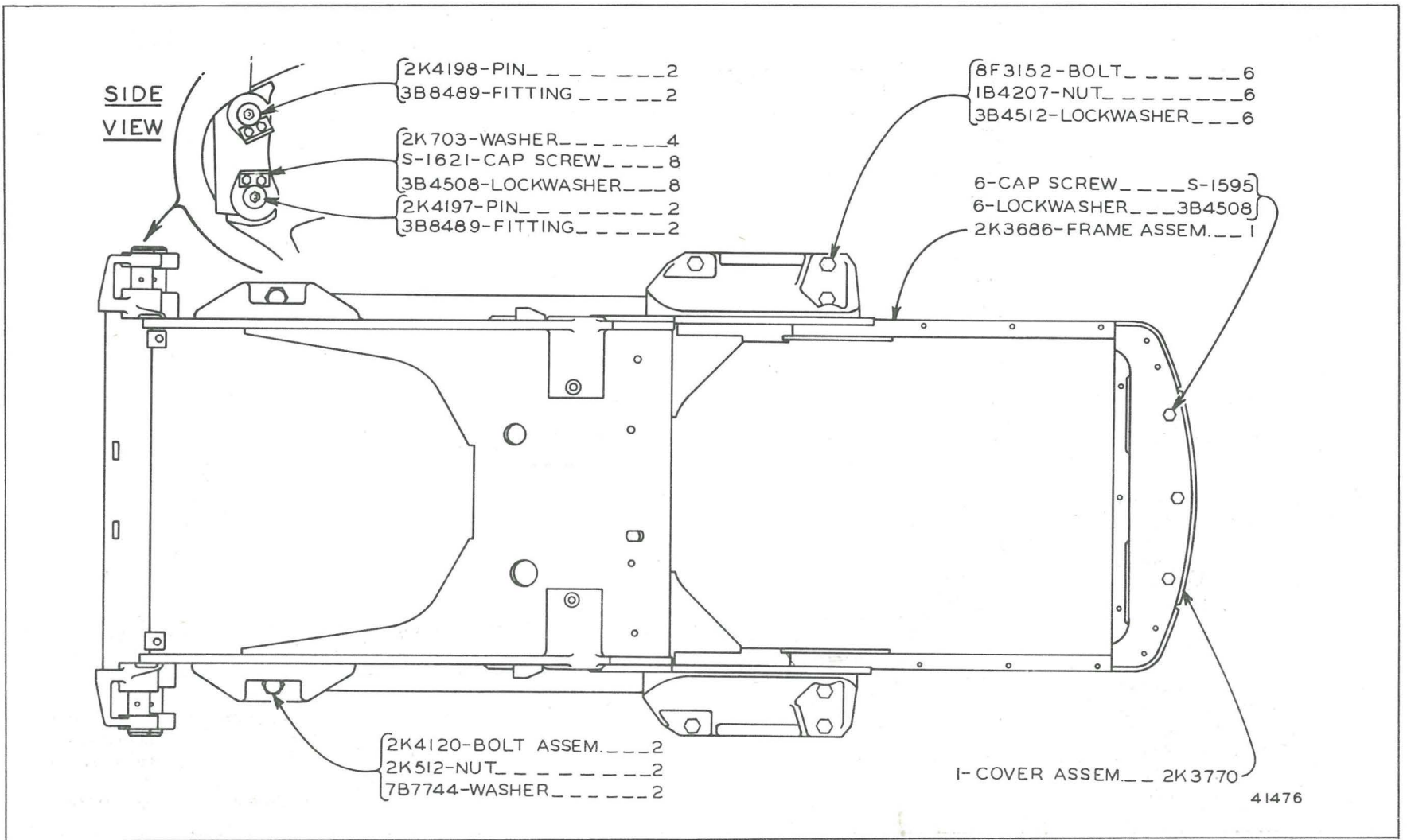
Serial No. 11A1 to 11A3459 inclusive

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



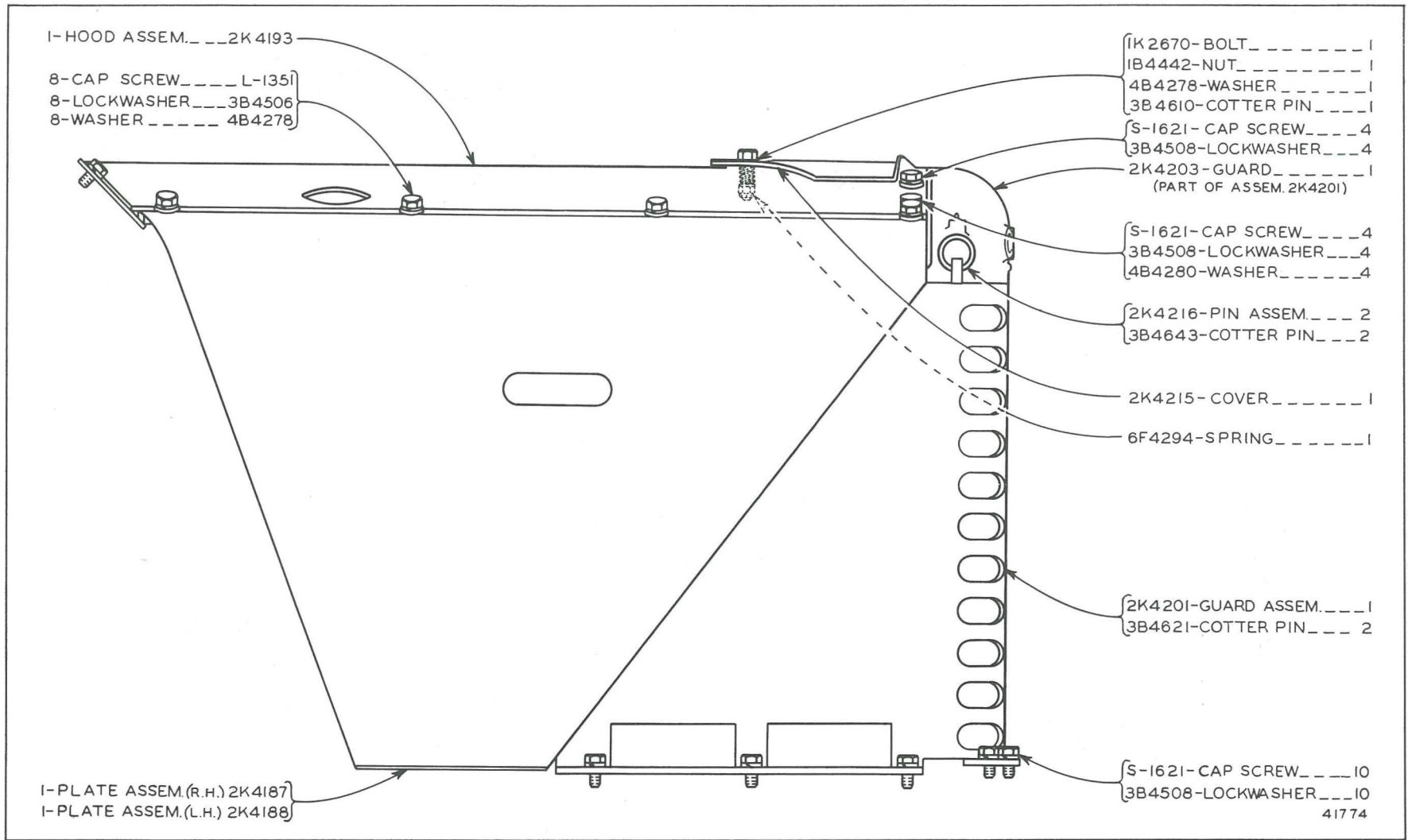
BUCKET CONTROL
Effective with Serial No. 11A3460

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

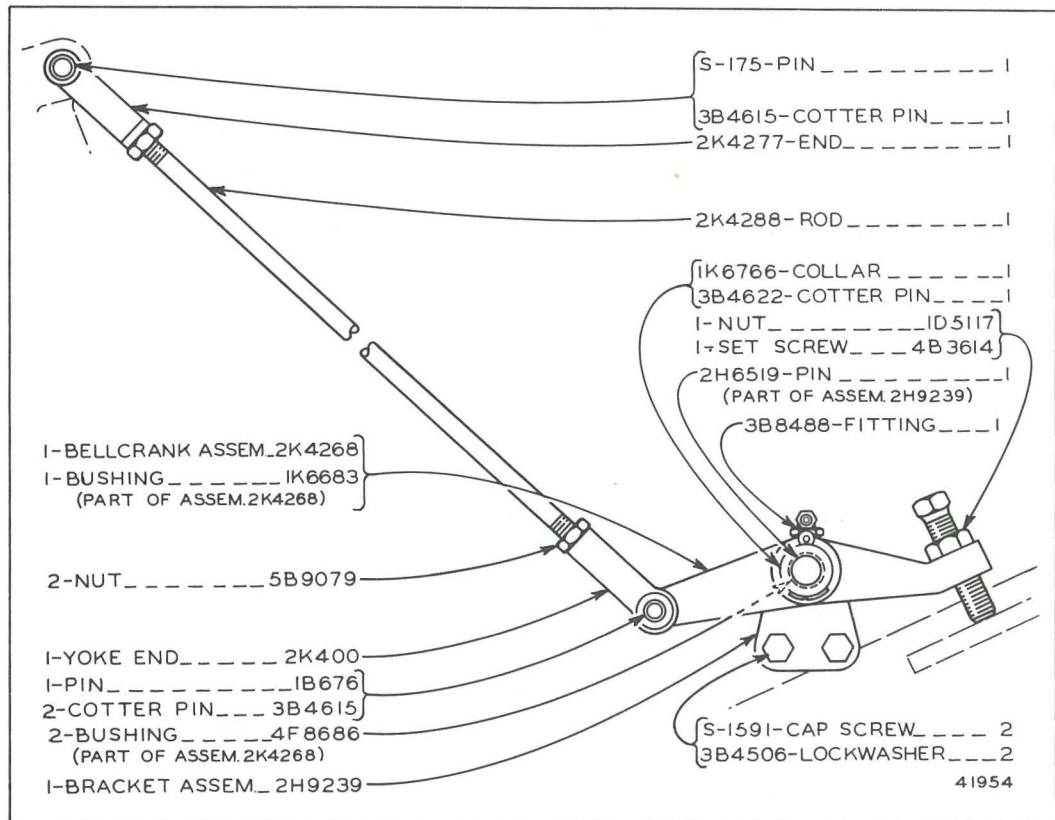


FRAME

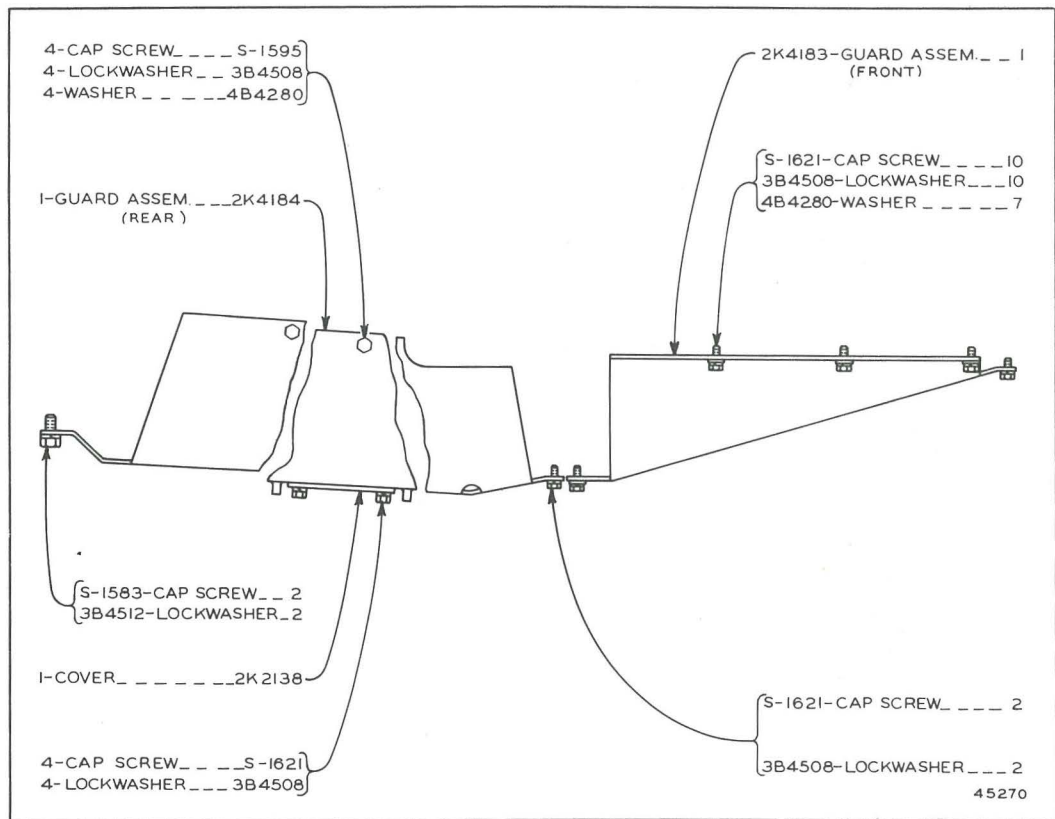
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



HOOD AND GUARD



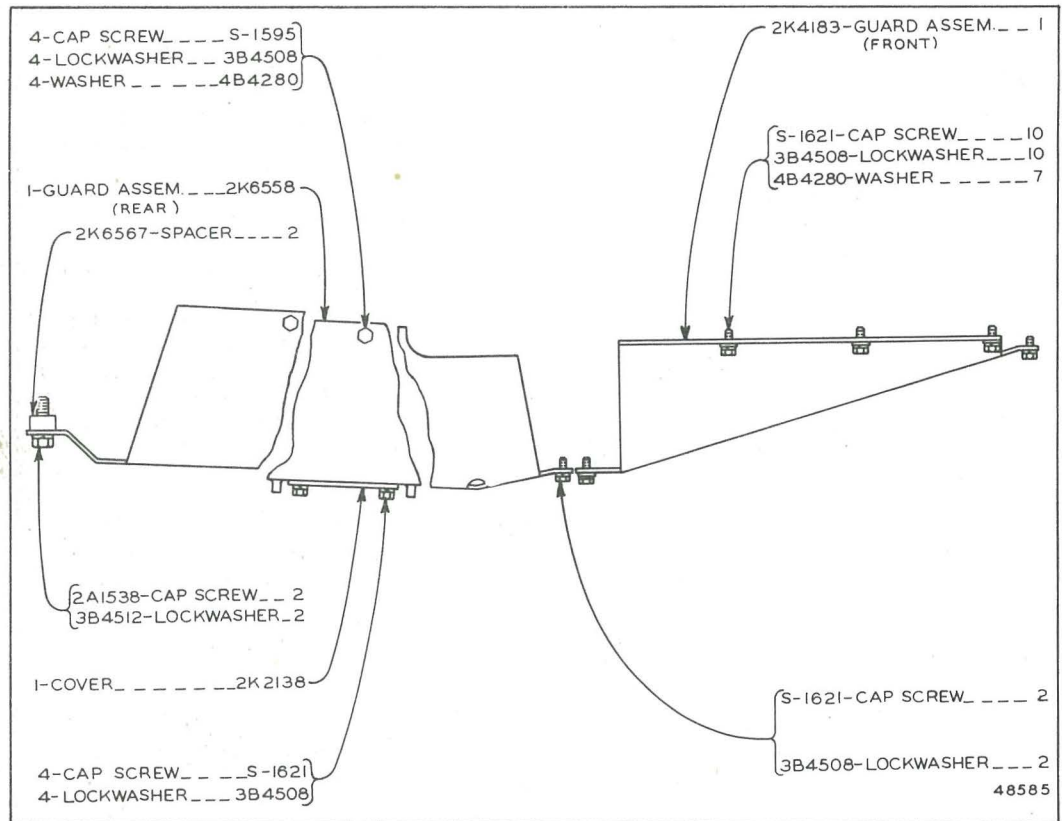
BUCKET LIFT CONTROL KICKOUT



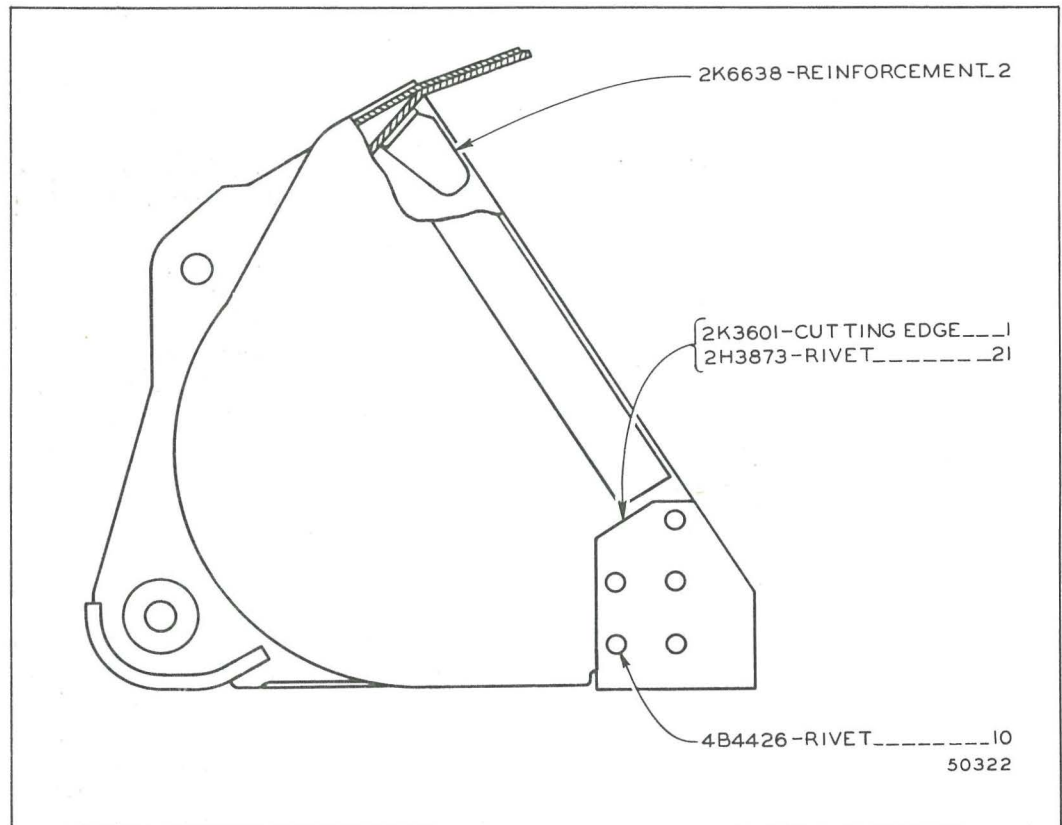
CRANKCASE GUARD

Serial No. 11A1 to 11A1730 inclusive

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

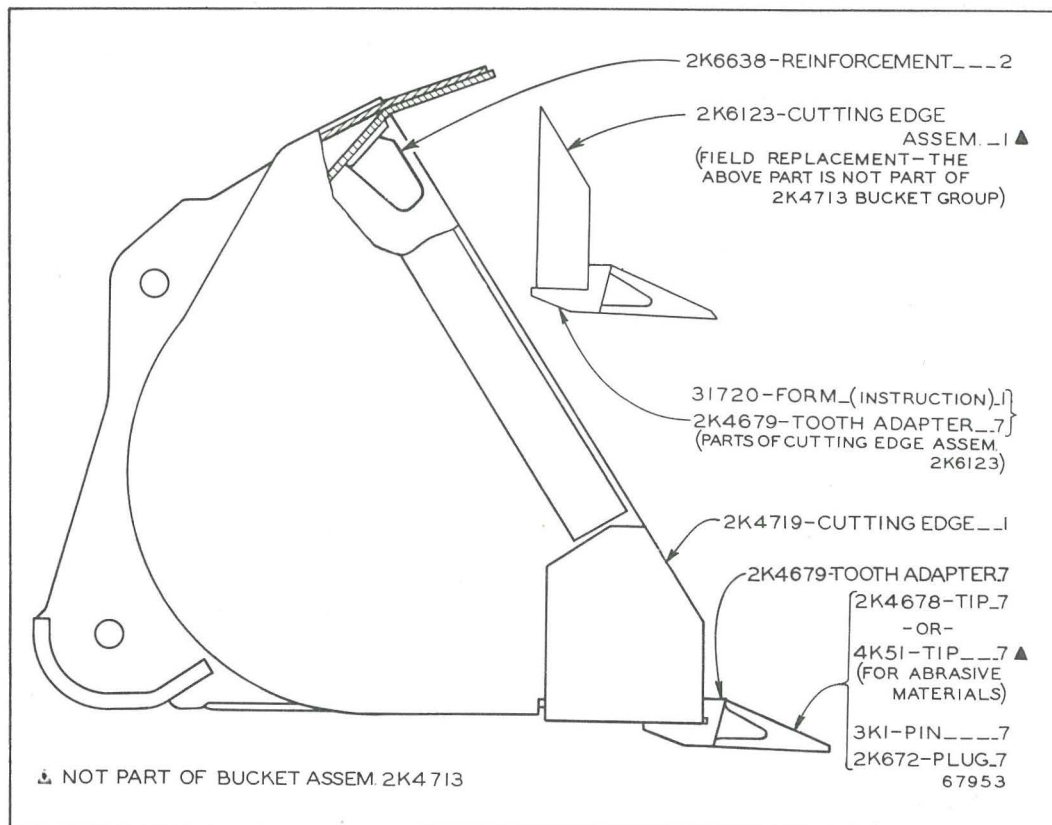


CRANKCASE GUARD
 Effective with Serial No. 11A1731

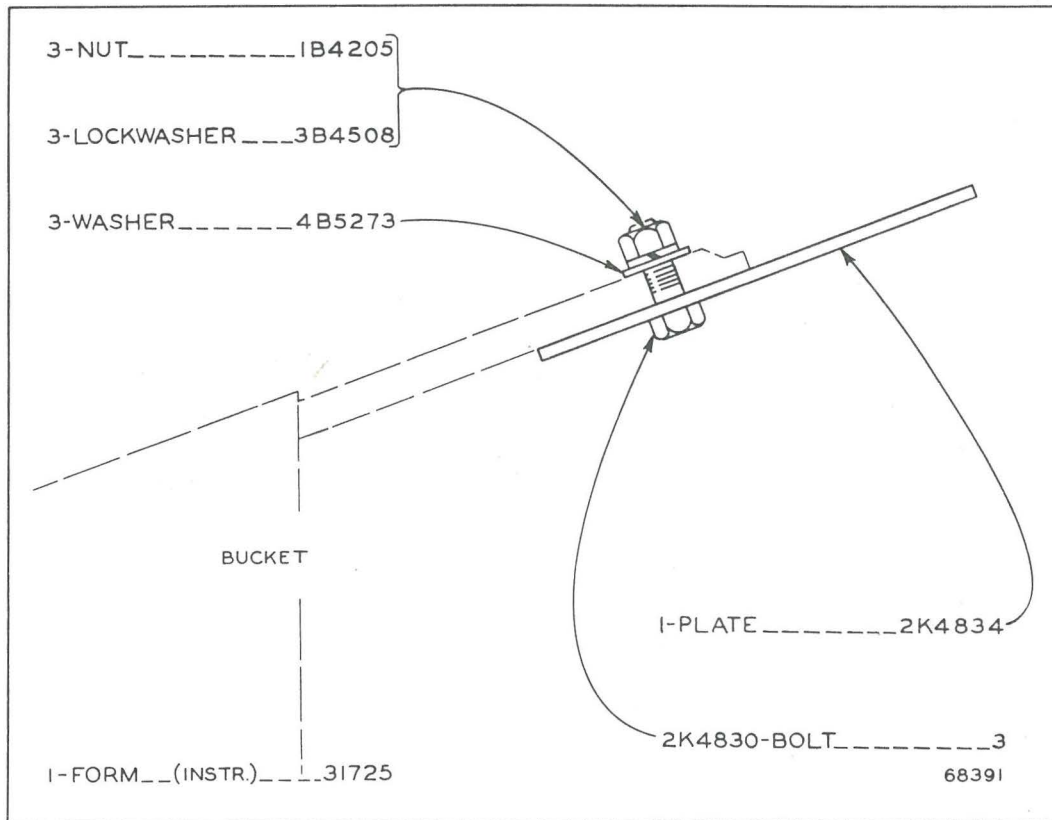


2K4296 BUCKET ASSEMBLY—1½ Cu. Yd.—70" Wide
 For light material

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



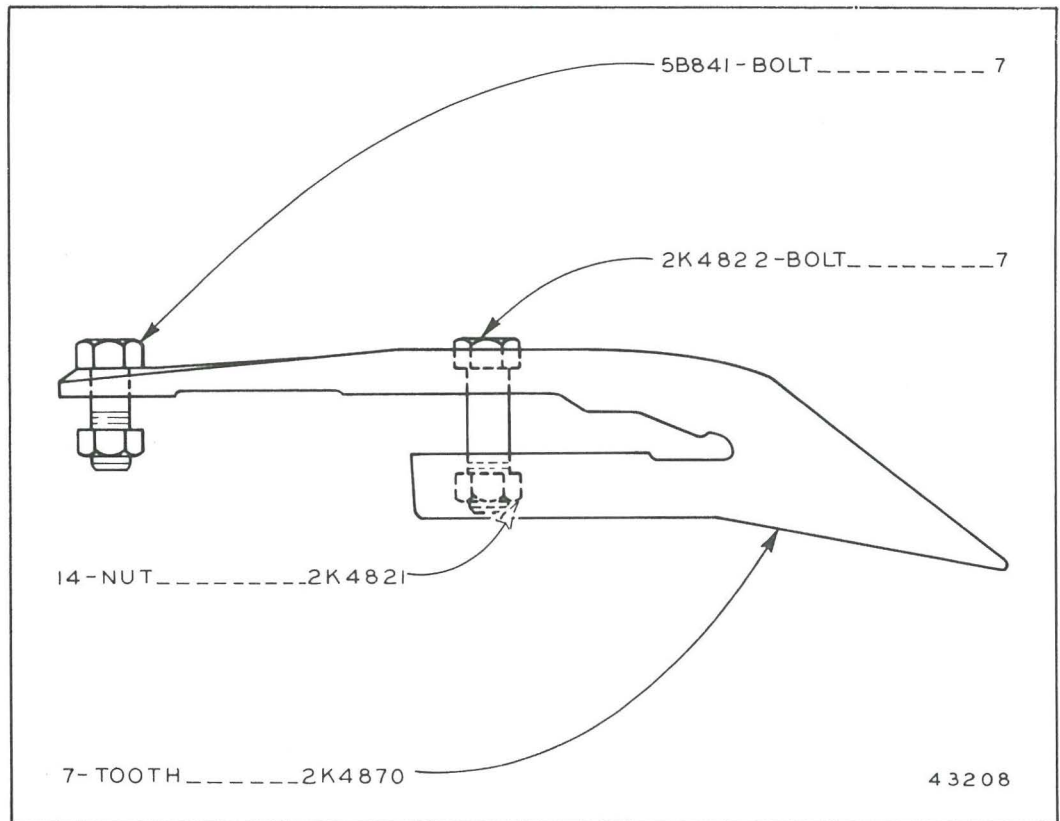
2K4713 BUCKET GROUP—1 Cu. Yd.—70" Wide
For Quarry work



2K4835 SPILL PLATE EXTENSION GROUP

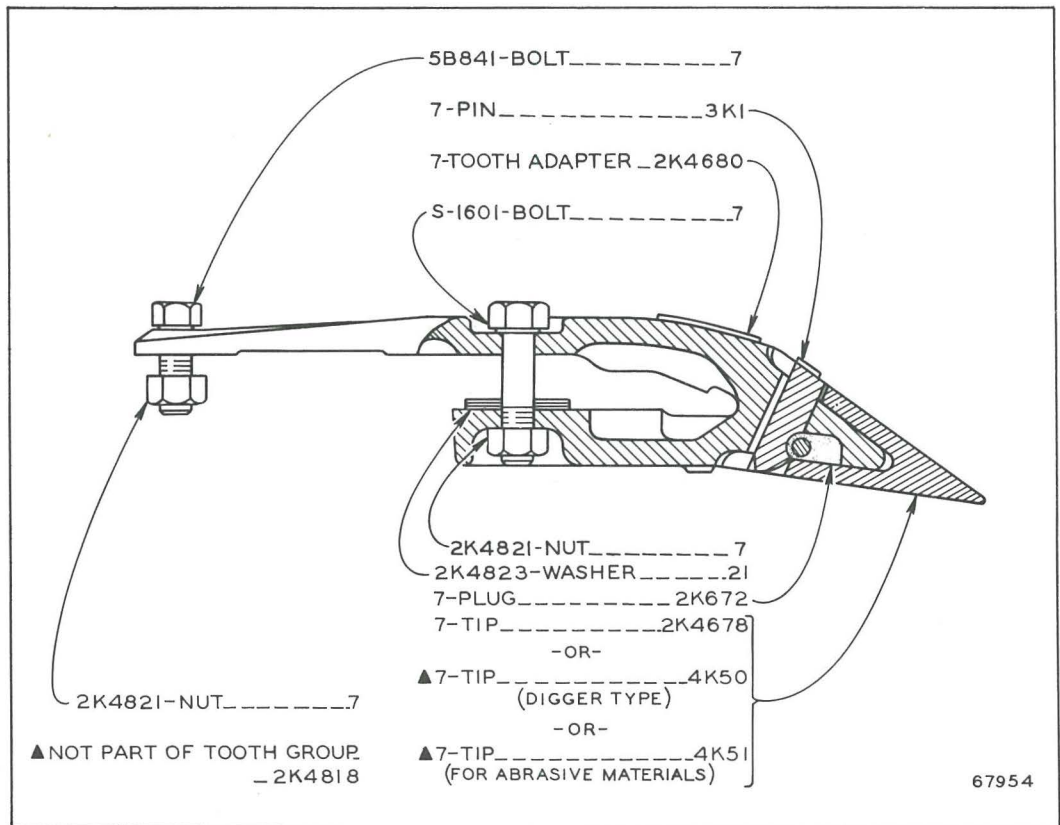
For use with 2K3600 Bucket Assembly and 2K4713 Bucket Group shown on Pages 138 and 145

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2K4896 TOOTH GROUP

Only separate parts serviced. When complete Group is required order 2K4818

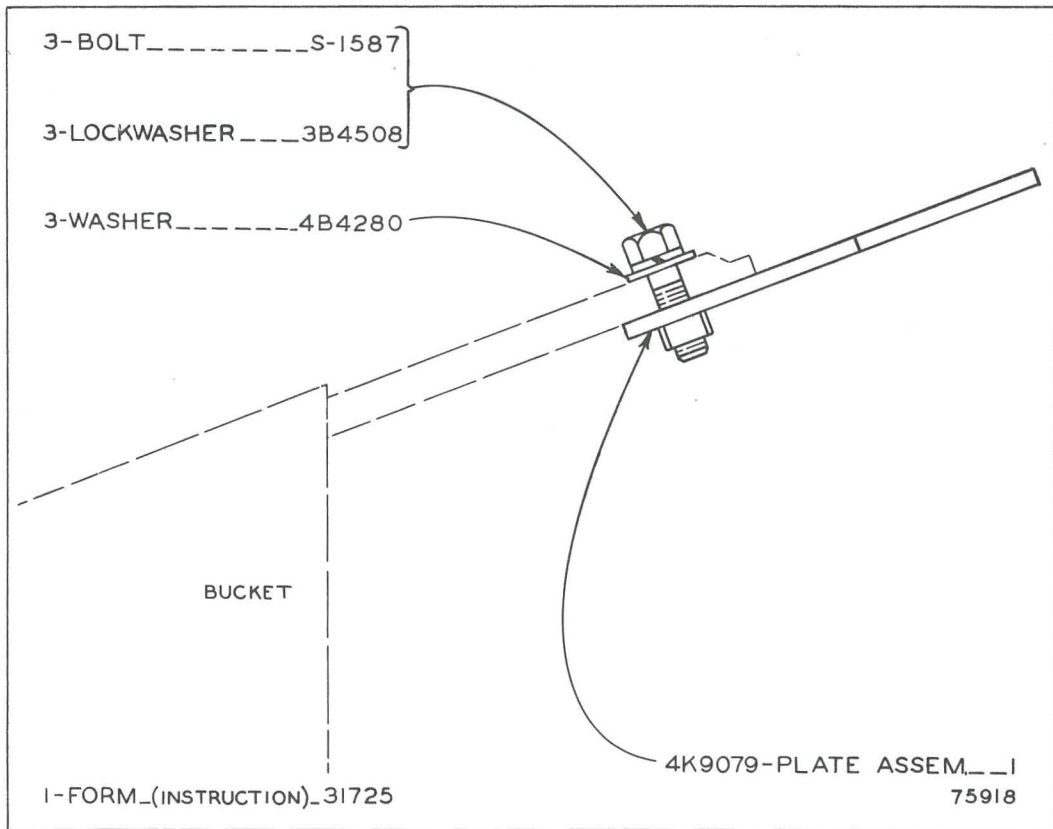


2K4818 TOOTH GROUP—Bolt on Type

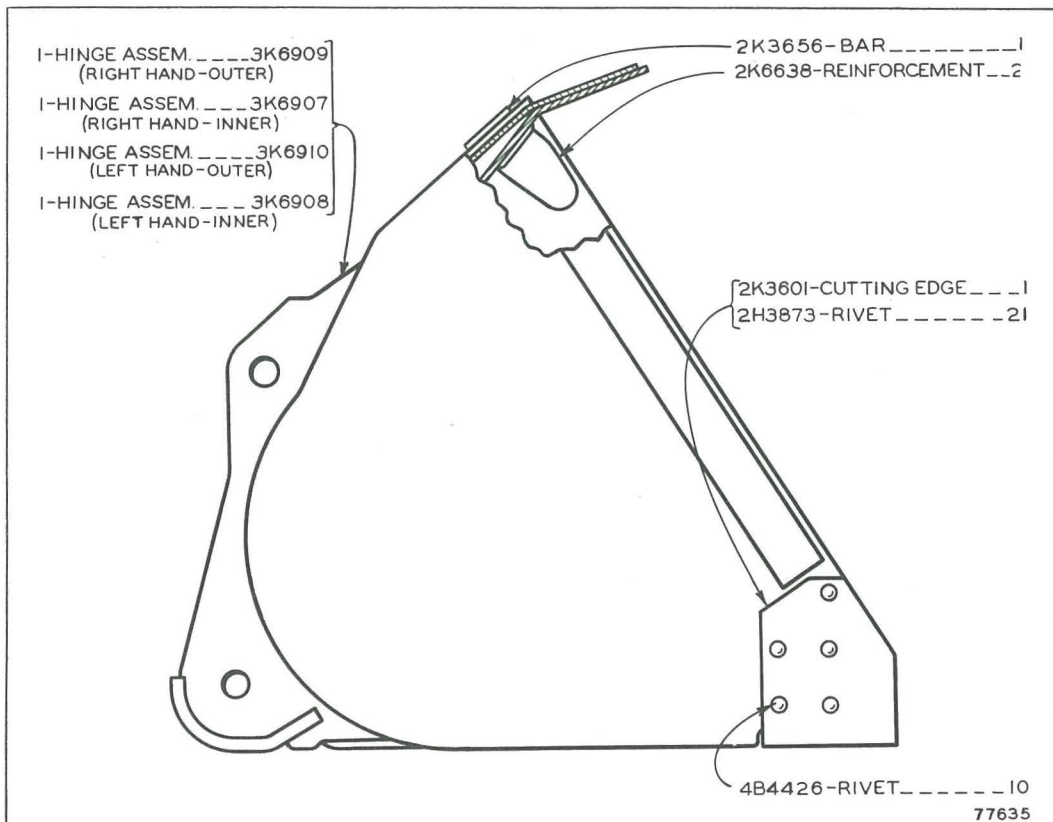
For use with 2K3600 Bucket Assembly shown on Page 138

Includes set of 7 replaceable tips

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3K9565 SPILL PLATE EXTENSION GROUP—Replaces 2K4835
FOR USE WITH 2K4713 BUCKET SHOWN ON PAGE 145



3K8936 BUCKET ASSEMBLY—1.50 Cubic Yard—70" Wide—Replaces 2K4296

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

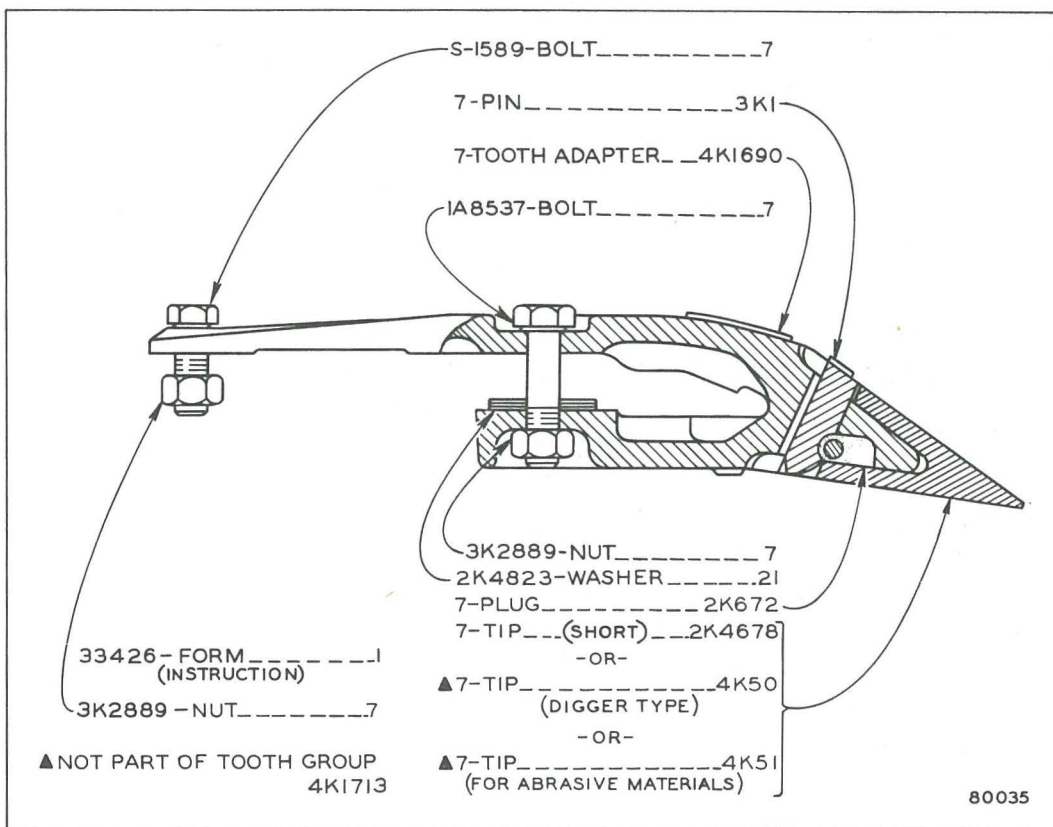
PARTS CATALOG INSERT

Consists of:

Page

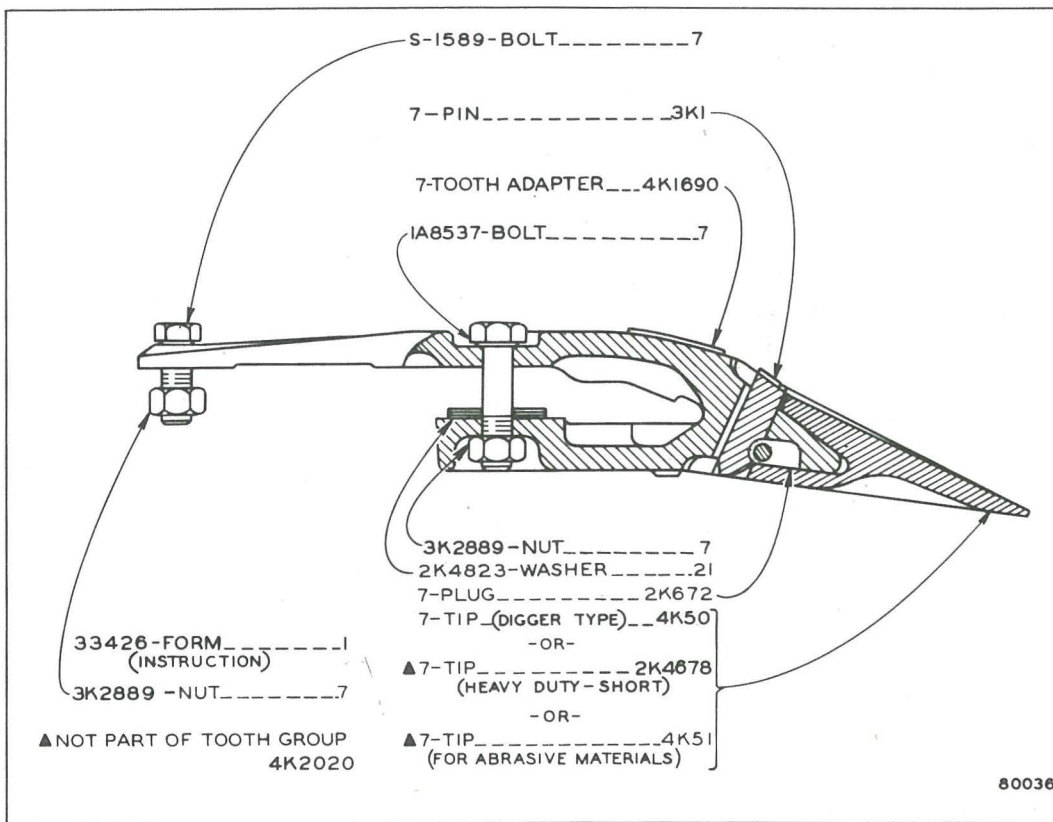
1	2K6841	Cylinder Group	153
1	3K8917	Bucket and Support Group..	Between 162 & 163
1	3K8958	Front Hydraulic Lines Group.	Between 154 & 155
1	Installation Instructions Form No. 32582	

3K9032 SIDE DUMP BUCKET ARRANGEMENT—1 $\frac{1}{8}$ Cubic Yard—86 $\frac{1}{2}$ " wide



4K1713 TOOTH GROUP

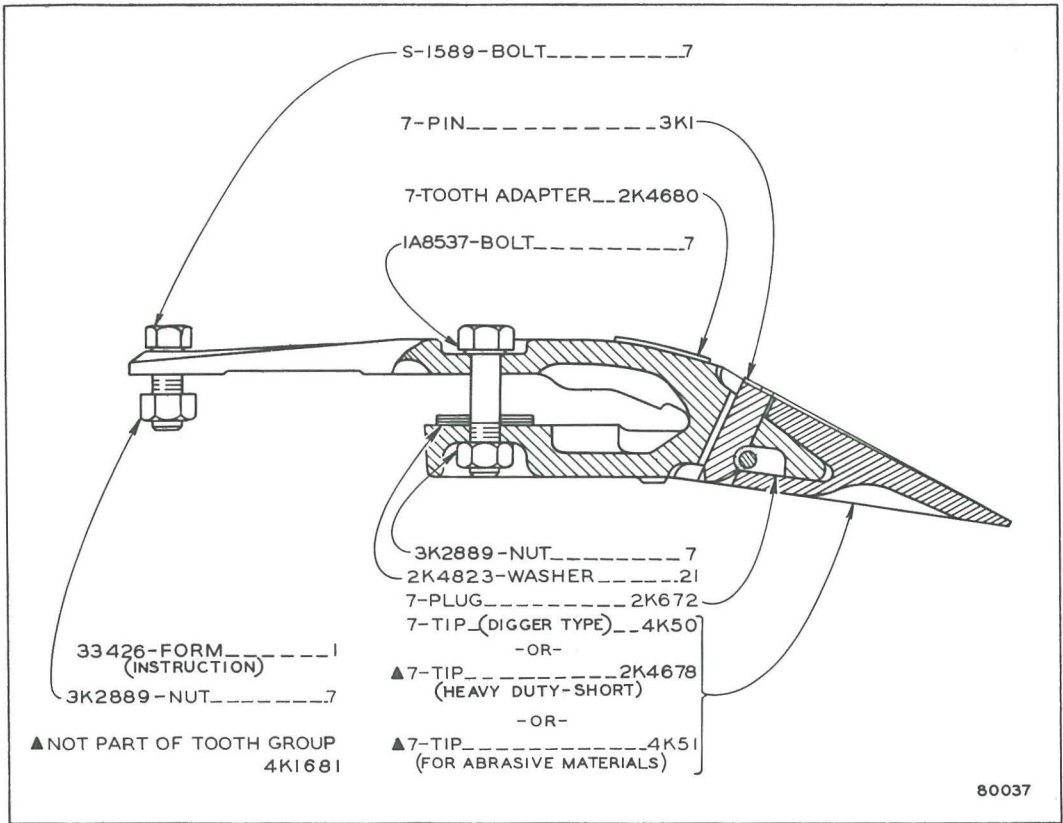
For use with 3K8917 Bucket and Support Group shown on Page 162A



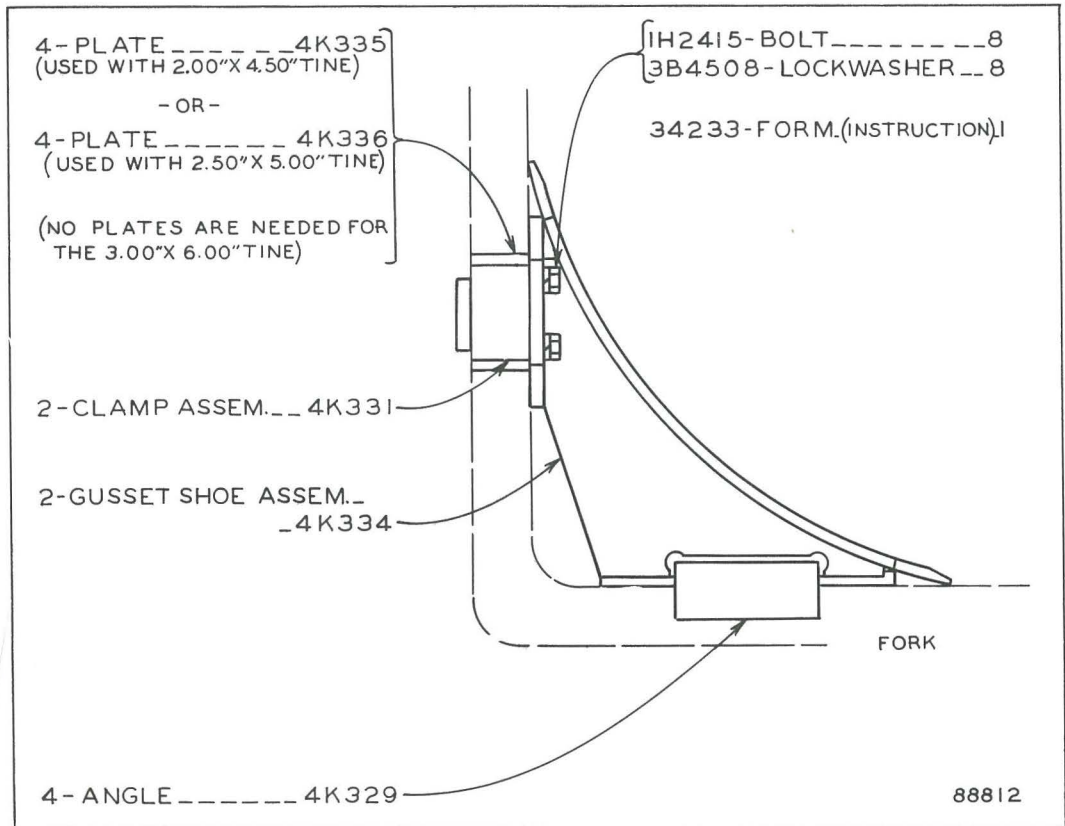
4K2020 TOOTH GROUP

For use with 2K7236 and 3K9032 Bucket Arrangements listed on Page 147 and on insert between Pages 146A and 147

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4K1681 TOOTH GROUP
FOR USE WITH 2K3600 BUCKET SHOWN ON PAGE 138



4K354 GUSSET SHOE GROUP
FOR USE WITH 2K4715 LOGGING FORK shown on Page 147
For handling small diameter logs or pulpwood

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

2K7236 Side Dump Bucket Arrangement

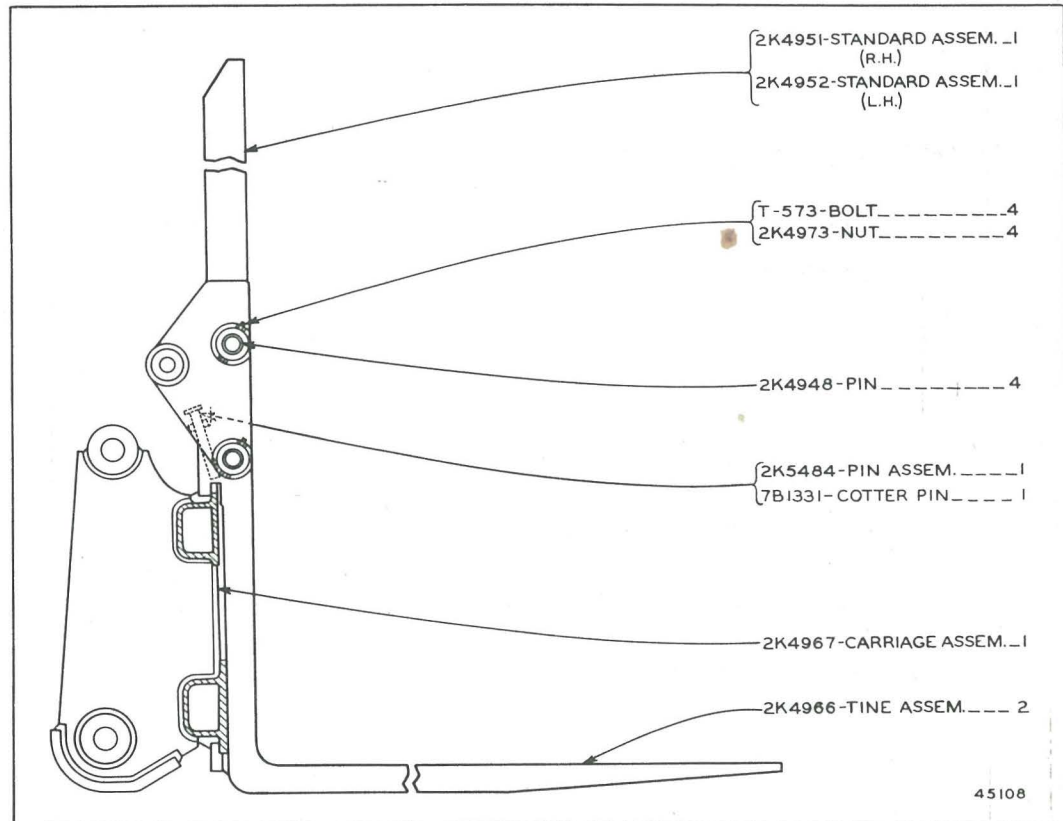
1 1/8 Cu. Yds.—Capacity

Consists of:

Page

1	2K6841	Cylinder Group	153
1	2K7100	Bucket and Support Group	163
1	2K7623	Hydraulic Lines Group	155

2K7236 SIDE DUMP BUCKET ARRANGEMENT



2K4715 LOGGING FORK ARRANGEMENT

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

2K7624 Pulpwood Fork Arrangement

For handling pulpwood 4 Ft. and 5 Ft. in length

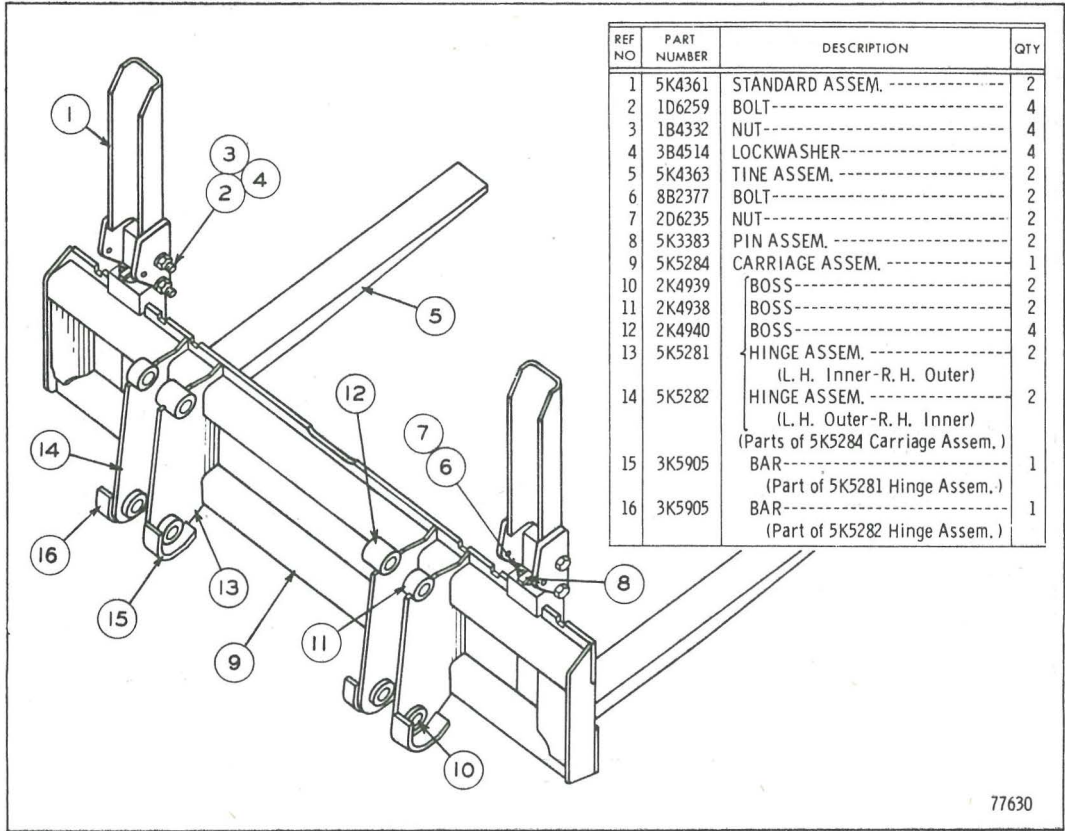
Consists of:		Page
I	2K7371 Cylinder Group	154
I	2K7766 Carriage Clamp Group	163
I	2K7839 Front Hydraulic Lines Group	156

2K7624 PULPWOOD FORK ARRANGEMENT**2K7712 Top Clamp Group**

For use with 2K4715 Logging Fork Arrangement listed on Page 147

Consists of:		Page
I	2K6841 Cylinder Group	153
I	2K7591 Frame and Clamp Group	164
I	2K7711 Hydraulic Lines Group	155
I	Installation Instructions Form No. 32581	

2K7712 TOP CLAMP GROUP



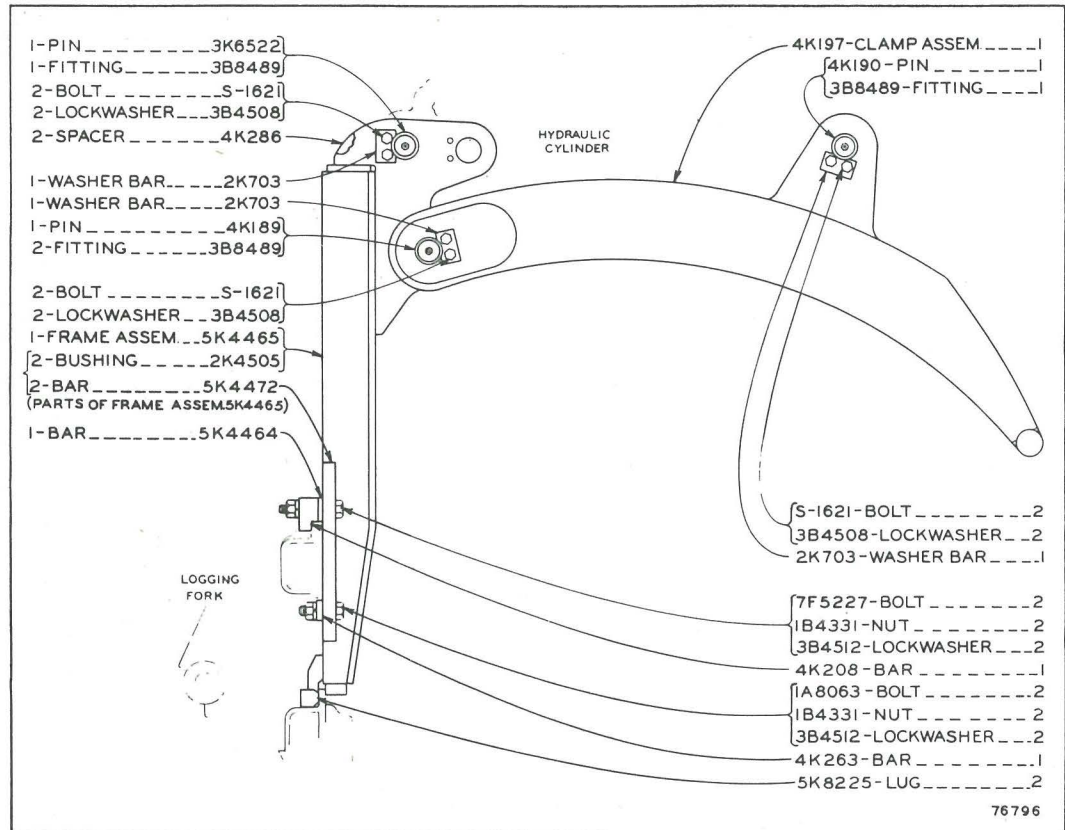
77630

5K5285 LUMBER FORK GROUP—Replaces 2K4715

Consists of:		Page
I	2K7371 Cylinder Group.....	154
I	4K558 Hydraulic Lines Group.....	between 148 & 149
I	5K4466 Frame and Clamp Group.....	Shown below
I	Installation Form No. 34138

5K4467 TOP CLAMP ARRANGEMENT

For use with 5K5285 Lumber Fork Group
Only Separate parts serviced



- 1-PIN.....3K6522
- 1-FITTING.....3B8489
- 2-BOLT.....S-1621
- 2-LOCKWASHER.....3B4508
- 2-SPACER.....4K286
- 1-WASHER BAR.....2K703
- 1-WASHER BAR.....2K703
- 1-PIN.....4K189
- 2-FITTING.....3B8489
- 2-BOLT.....S-1621
- 2-LOCKWASHER.....3B4508
- 1-FRAME ASSEM.....5K4465
- 2-BUSHING.....2K4505
- 2-BAR.....5K4472
(PARTS OF FRAME ASSEM.5K4465)
- 1-BAR.....5K4464

- 4K197-CLAMP ASSEM.....1
- 4K190-PIN.....1
- 3B8489-FITTING.....1
- S-1621-BOLT.....2
- 3B4508-LOCKWASHER.....2
- 2K703-WASHER BAR.....1
- 7F5227-BOLT.....2
- 1B4331-NUT.....2
- 3B4512-LOCKWASHER.....2
- 4K208-BAR.....1
- 1A8063-BOLT.....2
- 1B4331-NUT.....2
- 3B4512-LOCKWASHER.....2
- 4K263-BAR.....1
- 5K8225-LUG.....2

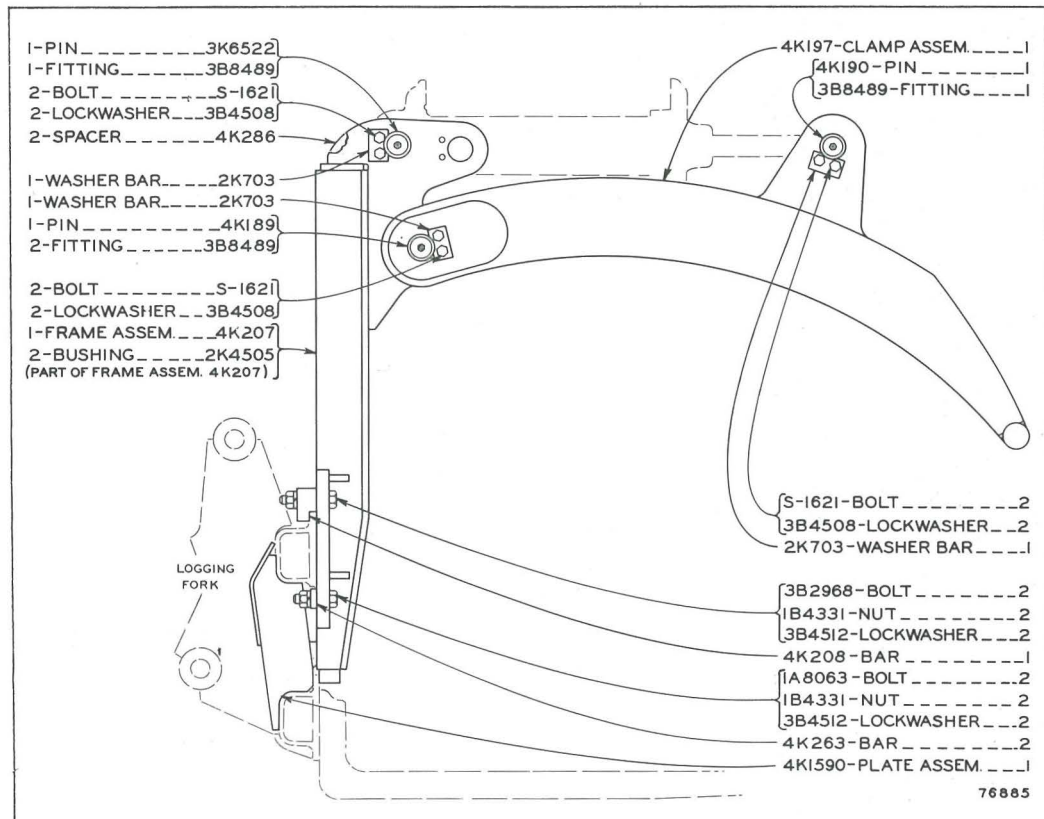
PARTS CATALOG INSERT

Consists of:

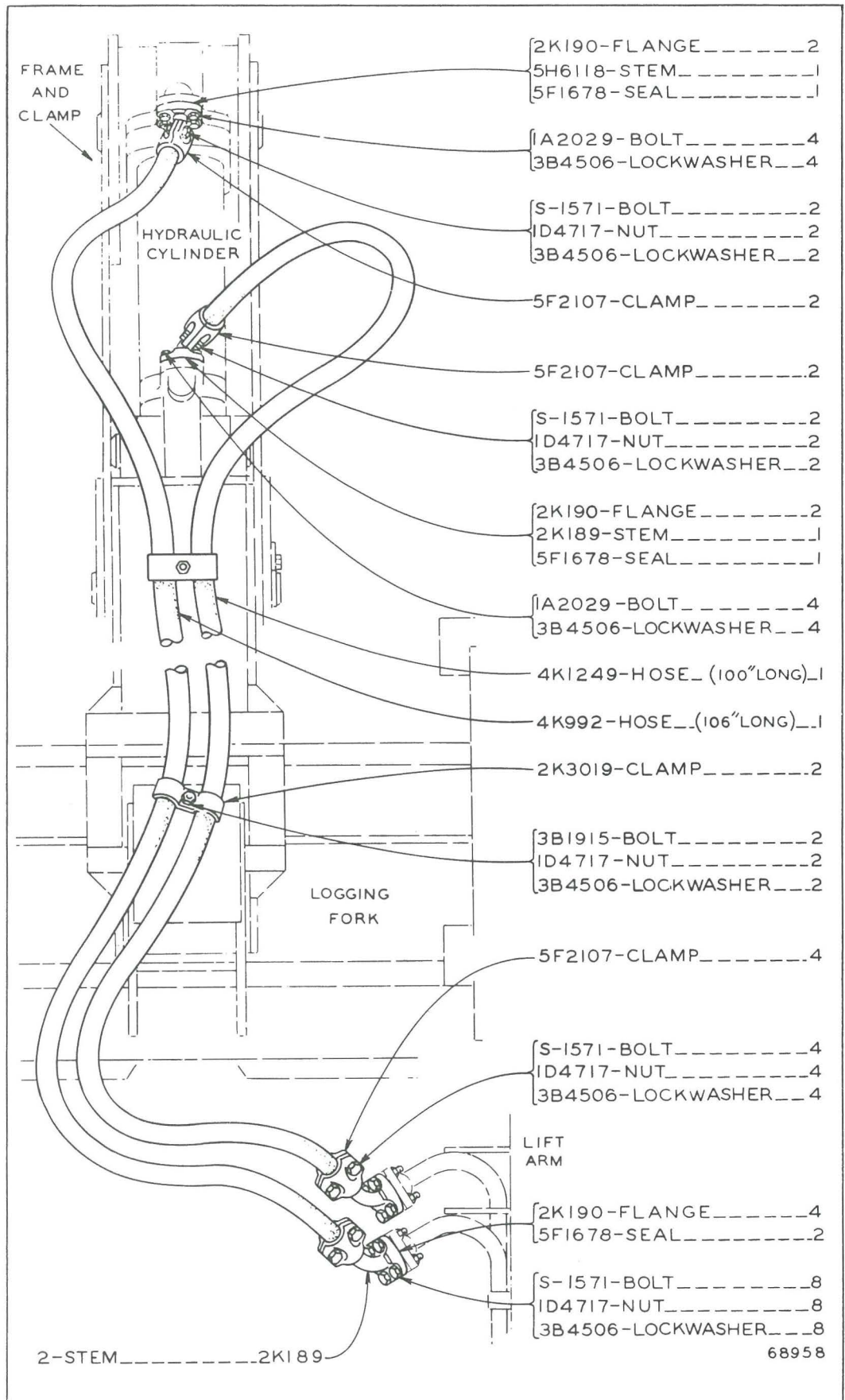
Page

1	2K7371	Cylinder Group	154
1	4K209	Frame and Clamp Group.....	Shown below
1	4K558	Hydraulic Lines Group.....	Reverse side this insert
1		Installation Instruction Form #34138	

4K210 TOP CLAMP ARRANGEMENT—Replaces 2K7712 For use with Logging Fork

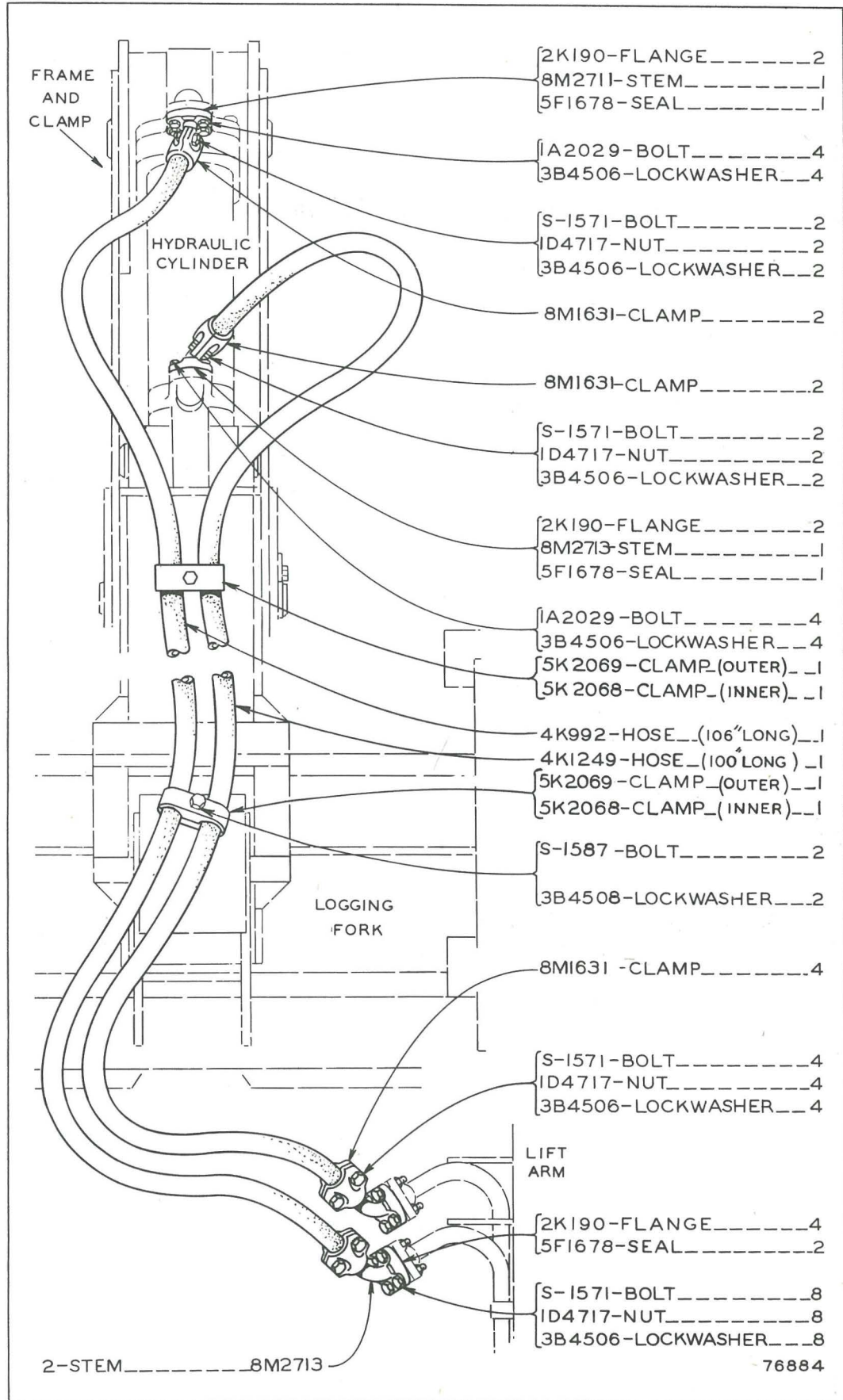


4K209 FRAME AND CLAMP GROUP
Part of 4K210 Top Clamp Arrangement



4K558 HYDRAULIC LINES GROUP—Front Mounted—Type 1
 Part of 5K4467 and 4K210 Top Clamp Arrangements listed on Pages 148B and 148C

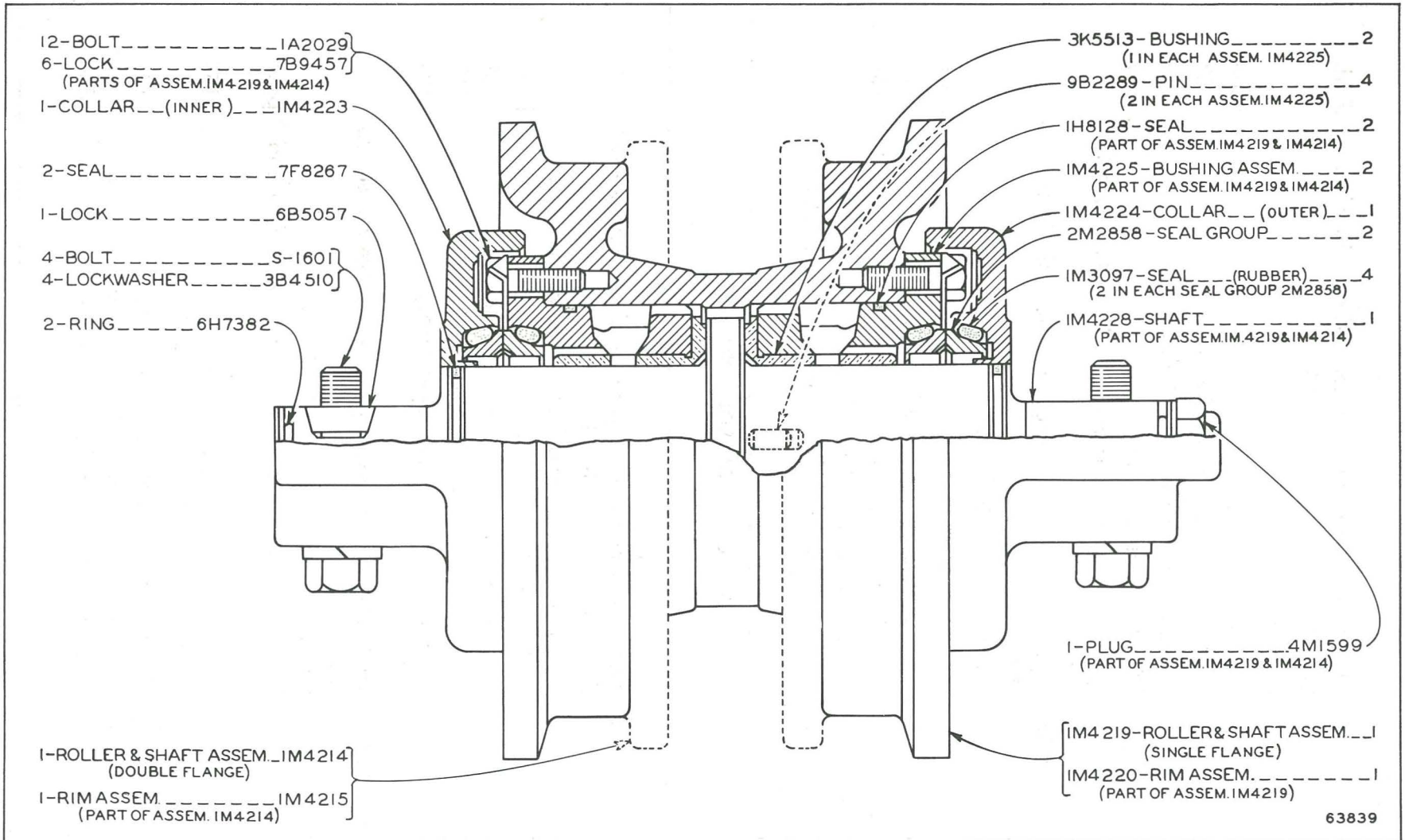
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4K558 HYDRAULIC LINES GROUP—Front Mounted—Type 2
 Part of 5K4467 and 4K210 Top Clamp Arrangements listed on Pages 148B and 148C

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

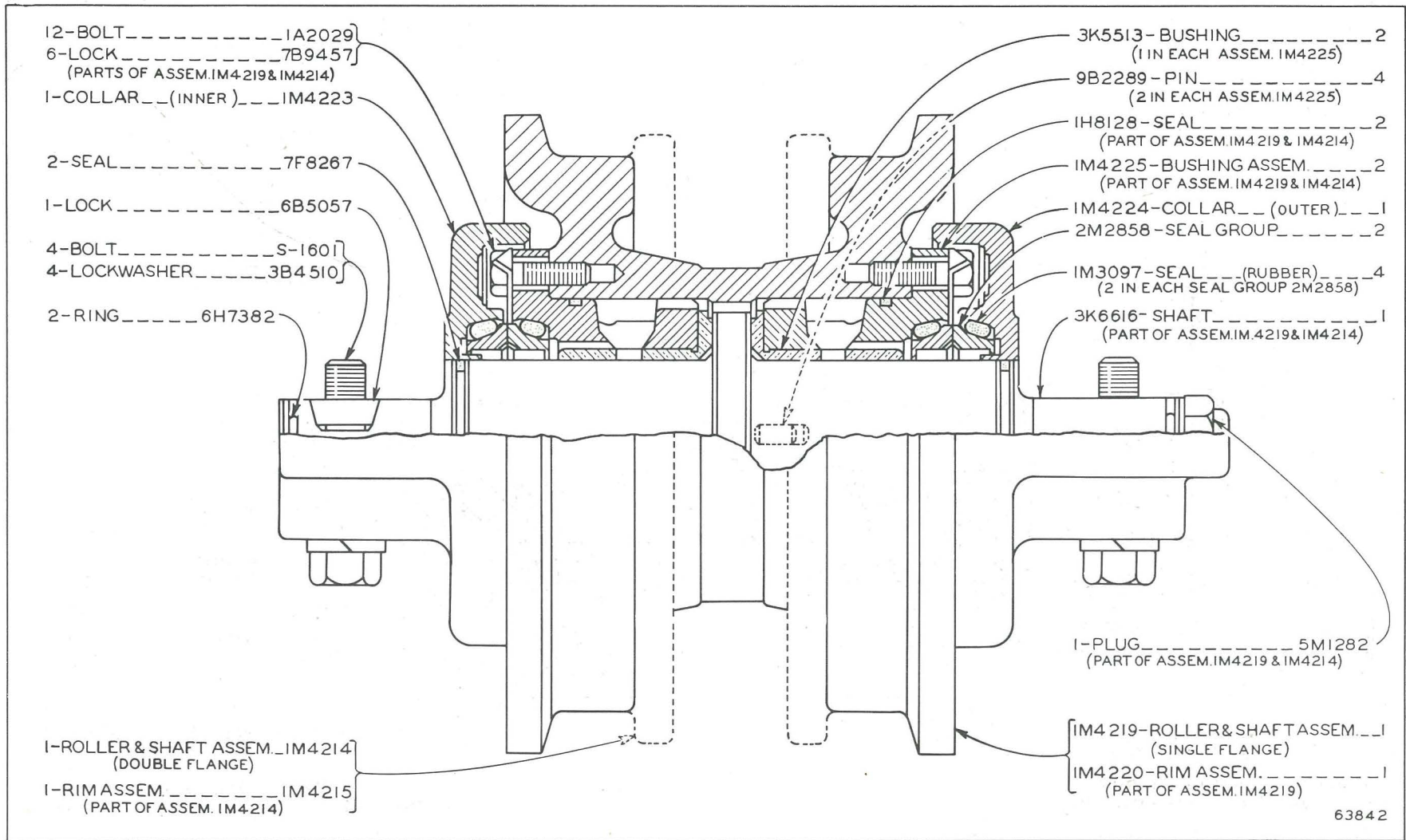
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3K2779 TRACK ROLLER GROUP—Single Flange—4 Groups Required—First Type—Field Installation
 3K2780 TRACK ROLLER GROUP—Double Flange—6 Groups Required—First Type—Field Installation

Only separate parts serviced. When complete Groups are required order 1—IM4218, 1—IM4213 shown on Pages 152 and 152A and 8—S-1601 Bolt

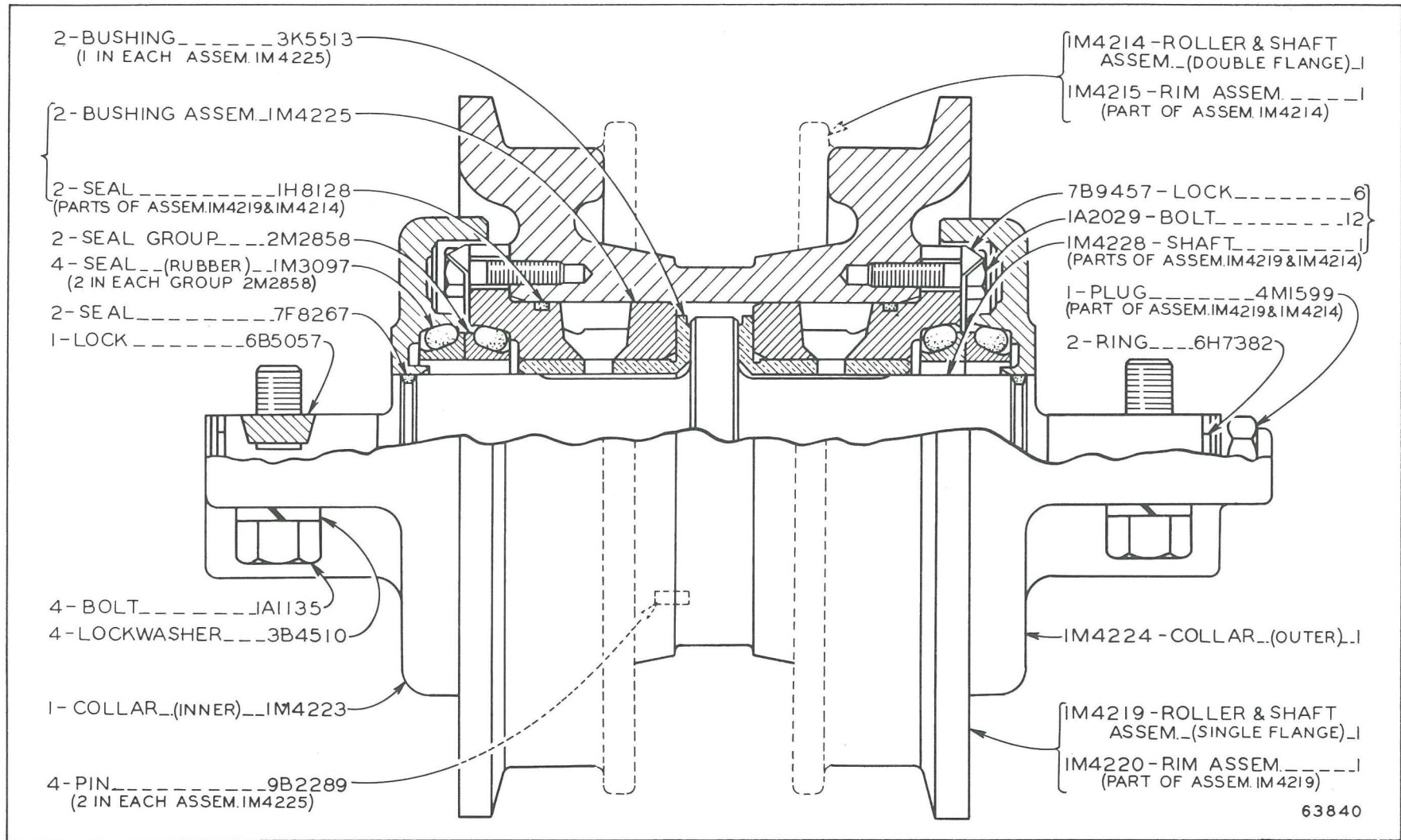
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



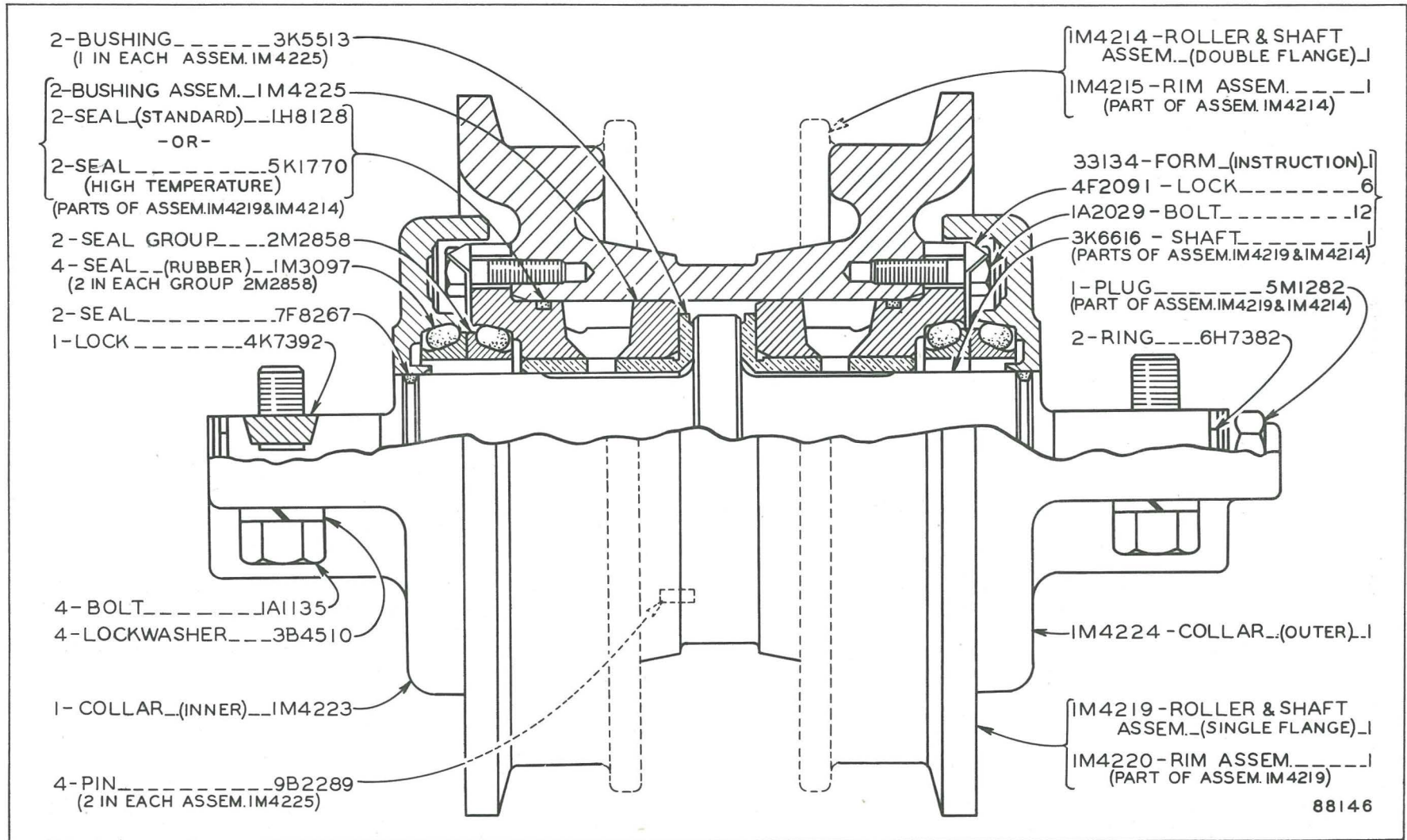
3K2779 TRACK ROLLER GROUP—Single Flange—4 Groups Required—Second Type—Field Installation
 3K2780 TRACK ROLLER GROUP—Double Flange—6 Groups Required—Second Type—Field Installation

Only separate parts serviced. When complete Groups are required order 1—IM4218, 1—4M4213 shown on Pages 152 and 152A and 8—S1601 Bolt

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

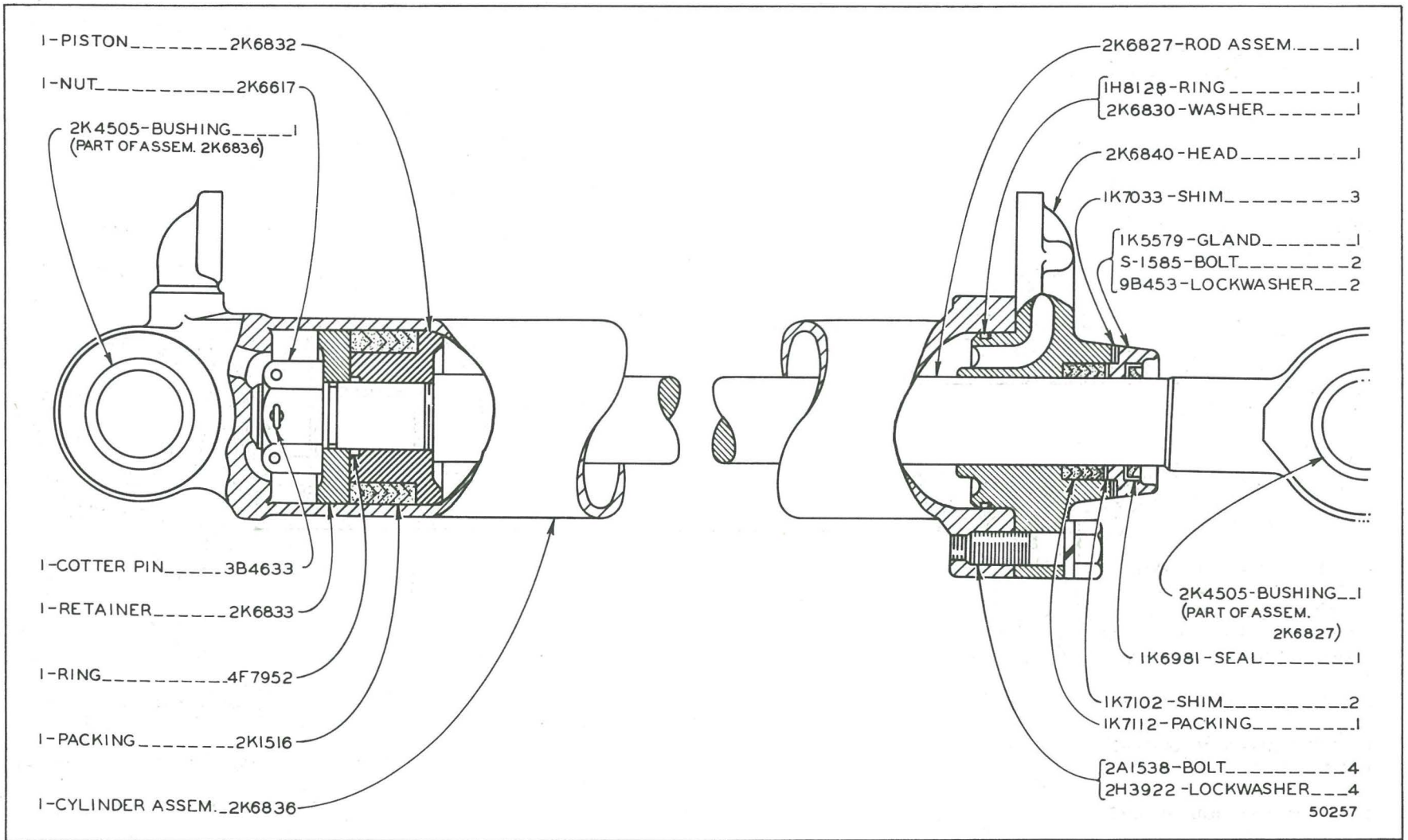


IM4218 TRACK ROLLER GROUP—Single Flange—4 Groups Required—First Type—Field Installation
IM4213 TRACK ROLLER GROUP—Double Flange—6 Groups Required—First Type—Field Installation



1M4218 TRACK ROLLER GROUP—Single Flange—4 Required—Type 2—Field Installation
1M4213 TRACK ROLLER GROUP—Double Flange—6 Required—Type 2—Field Installation

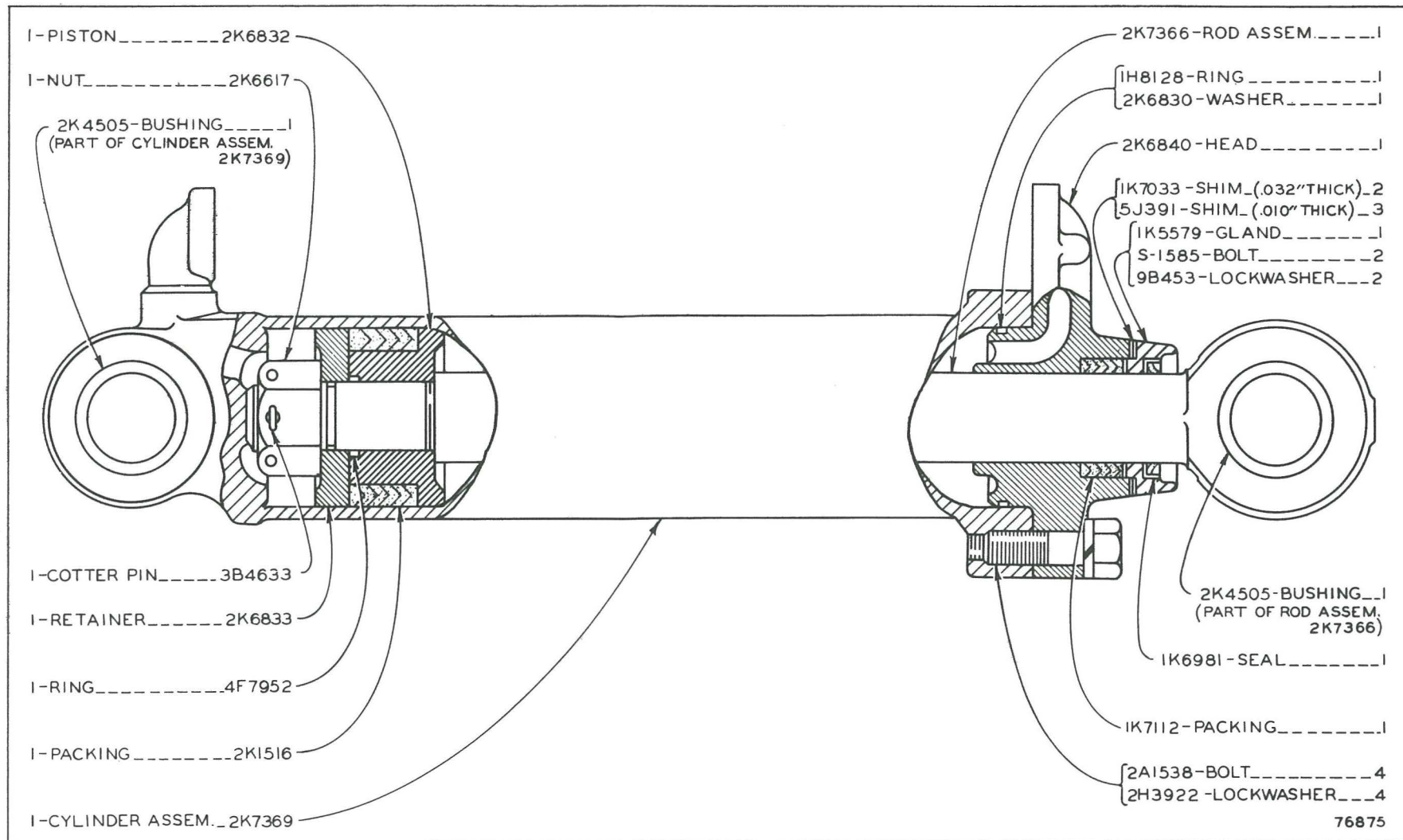
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2K6841 CYLINDER GROUP—4" x 1 15/8"

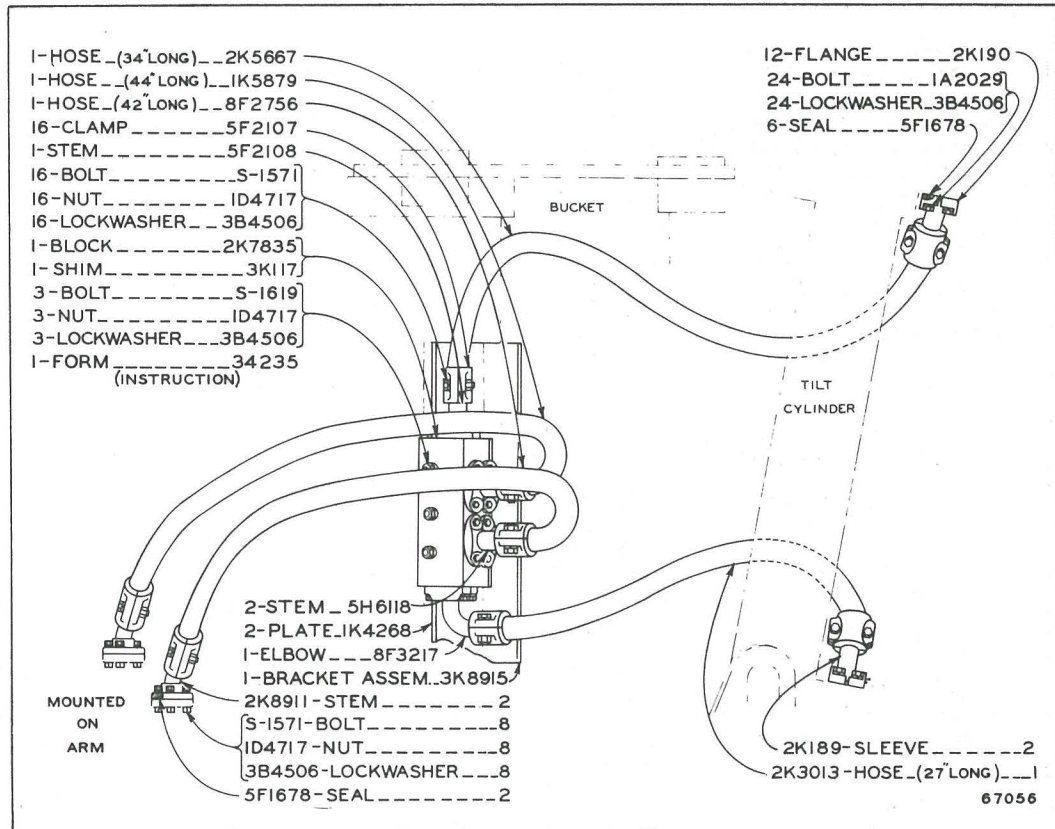
Part of 2K7236 Side Dump Bucket Arrangement and 2K7712 Top Clamp Group listed on Pages 147 and 148

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

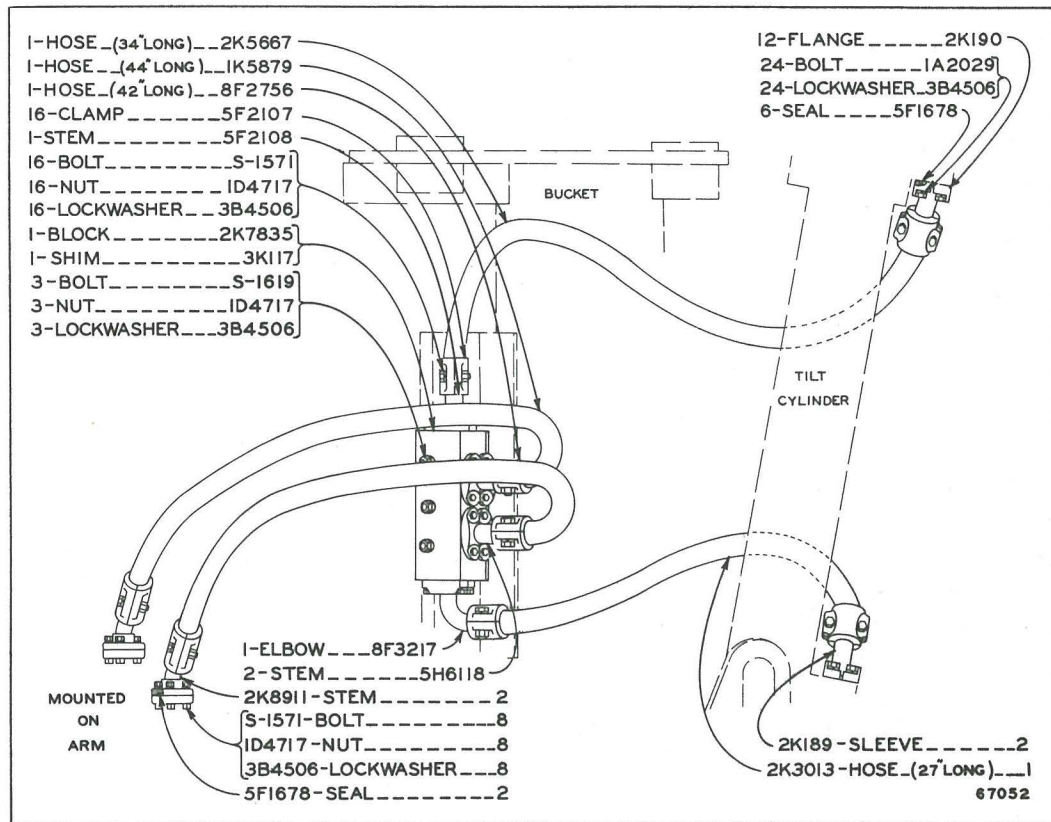


2K7371 CYLINDER GROUP—4" Bore x 12.25" Stroke

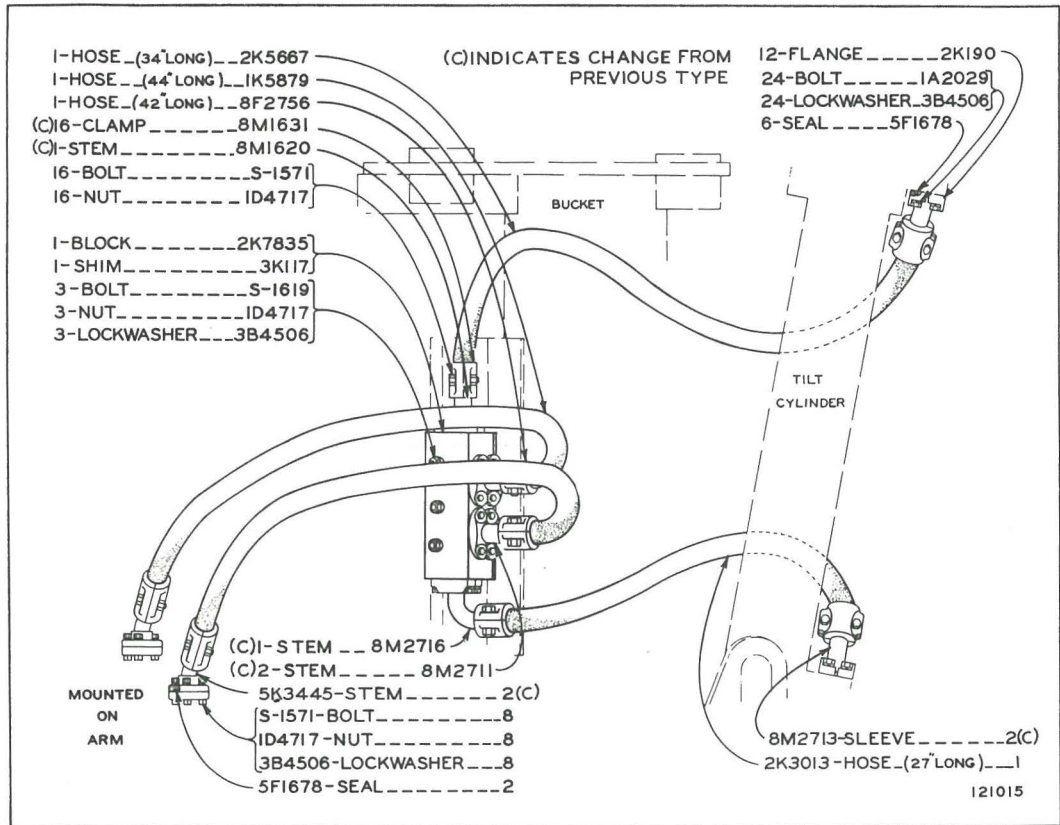
Part of 2K7624 Pulpwood Fork Arrangement and 5K4467 and 4K210 Top Clamp Arrangements listed on Pages 148, 148B and 148C



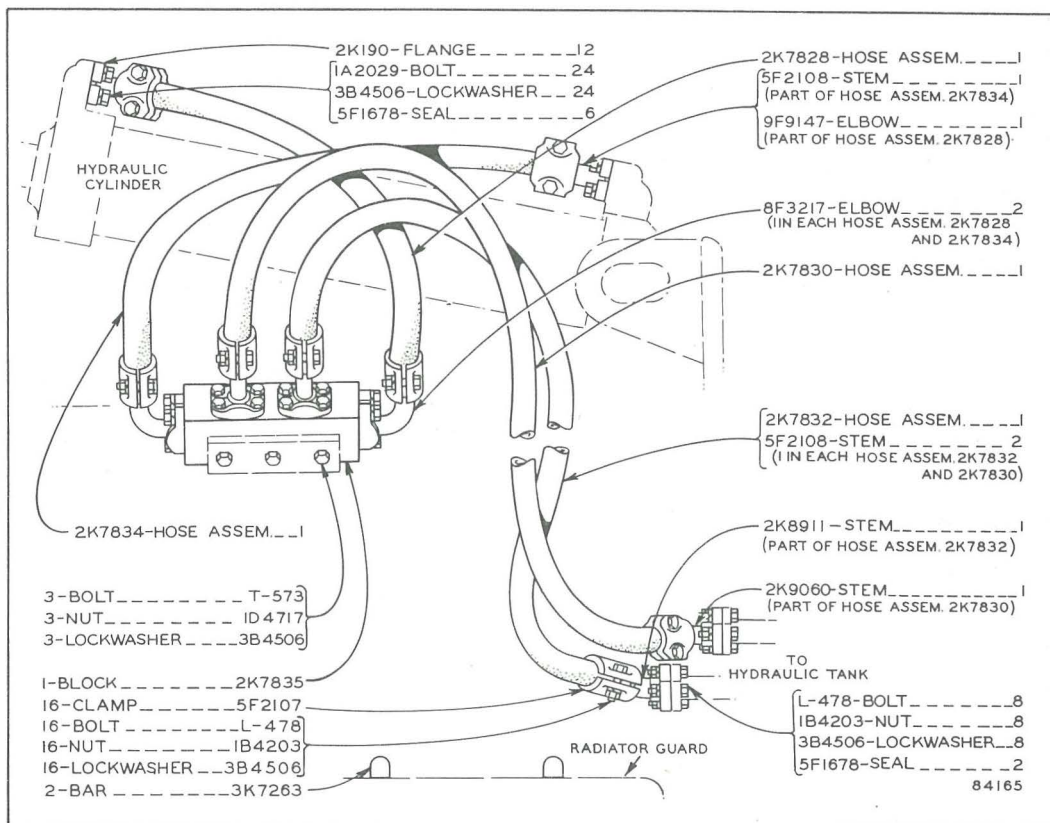
3K9002 HYDRAULIC LINES GROUP—Front Mounted—Field Installation—Replaces 2K7623 FOR USE WITH 2K7236 SIDE DUMP BUCKET ARRANGEMENT LISTED ON PAGE 147



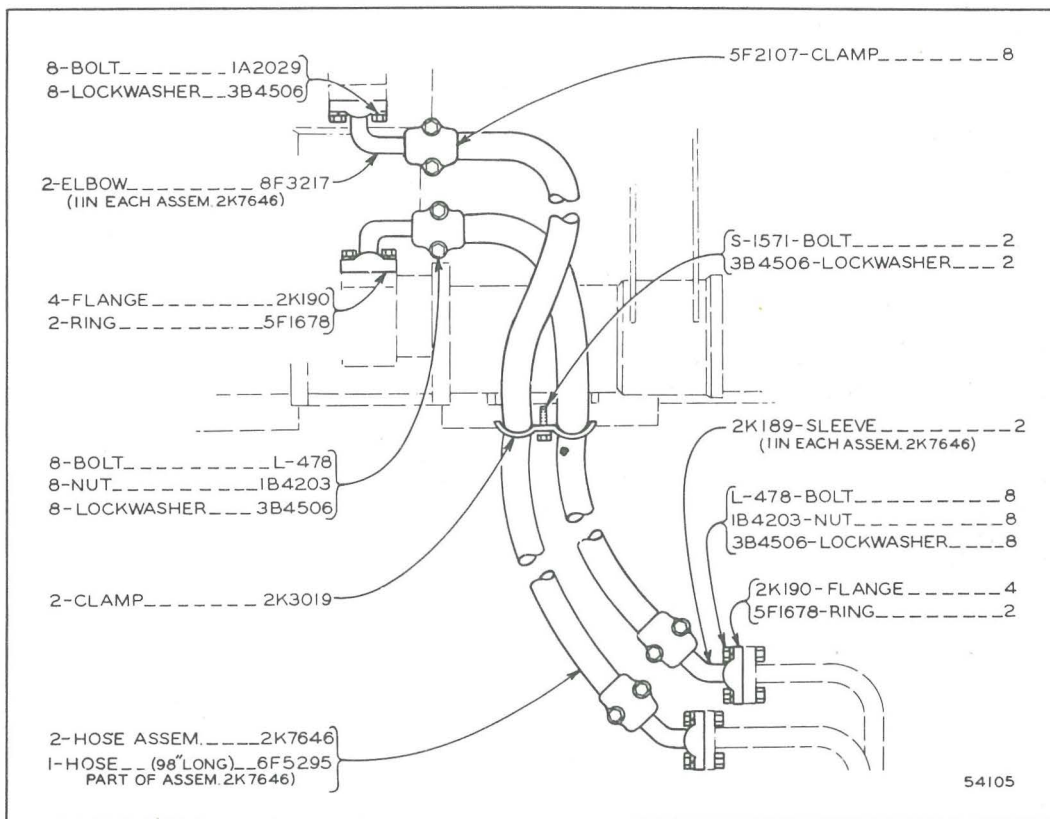
3K8958 HYDRAULIC LINES GROUP—Top View—Type 1 Part of 3K9032 Side Dump Bucket Arrangement listed on Page 146B



3K8958 HYDRAULIC LINES GROUP—Top View—Type 2
 Part of 3K9032 Side Dump Bucket Arrangement listed on Page 146B

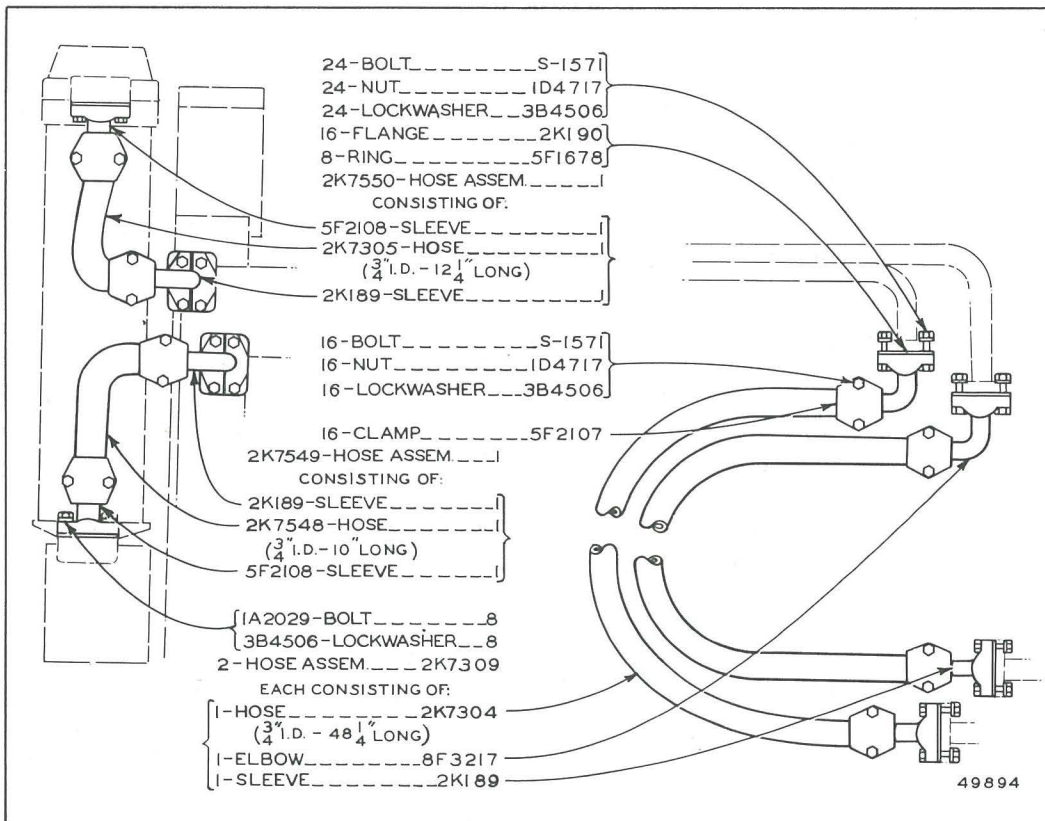


2K7623 HYDRAULIC LINES GROUP—Front Mounted
 Part of 2K7236 Side Dump Bucket Arrangement listed on Page 147

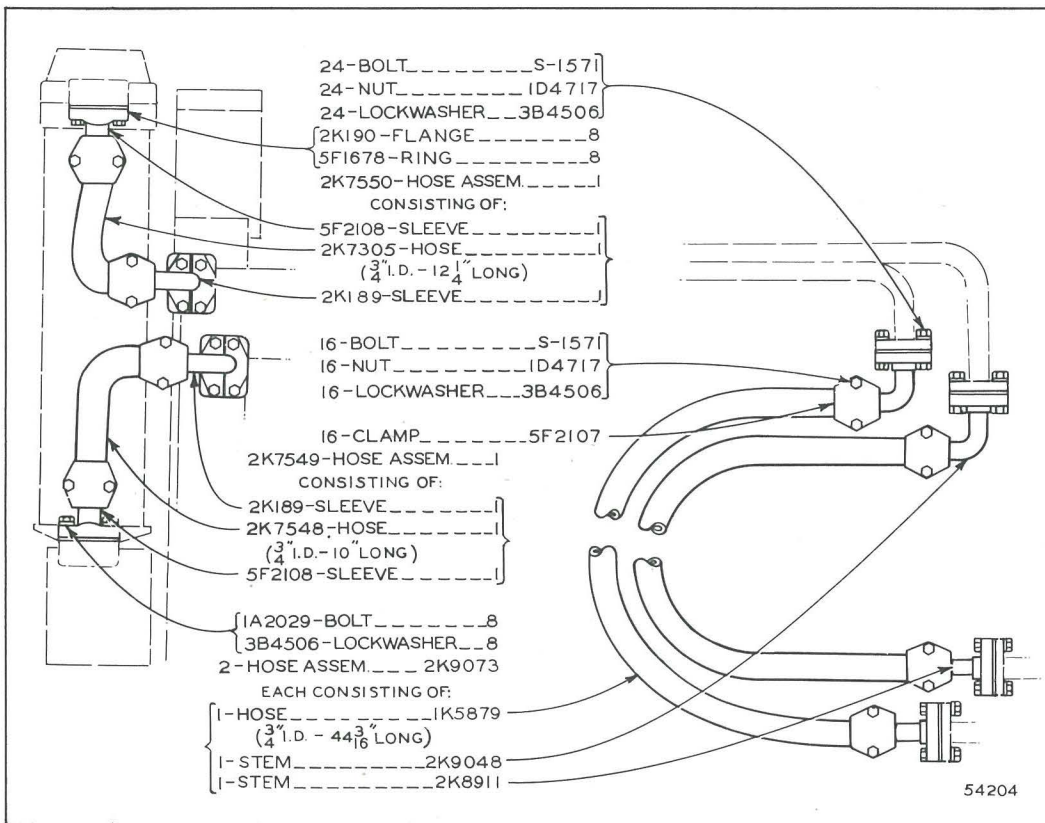


2K7711 HYDRAULIC LINES GROUP—Front Mounted
 Part of 2K7712 Top Clamp Group listed on Page 148

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

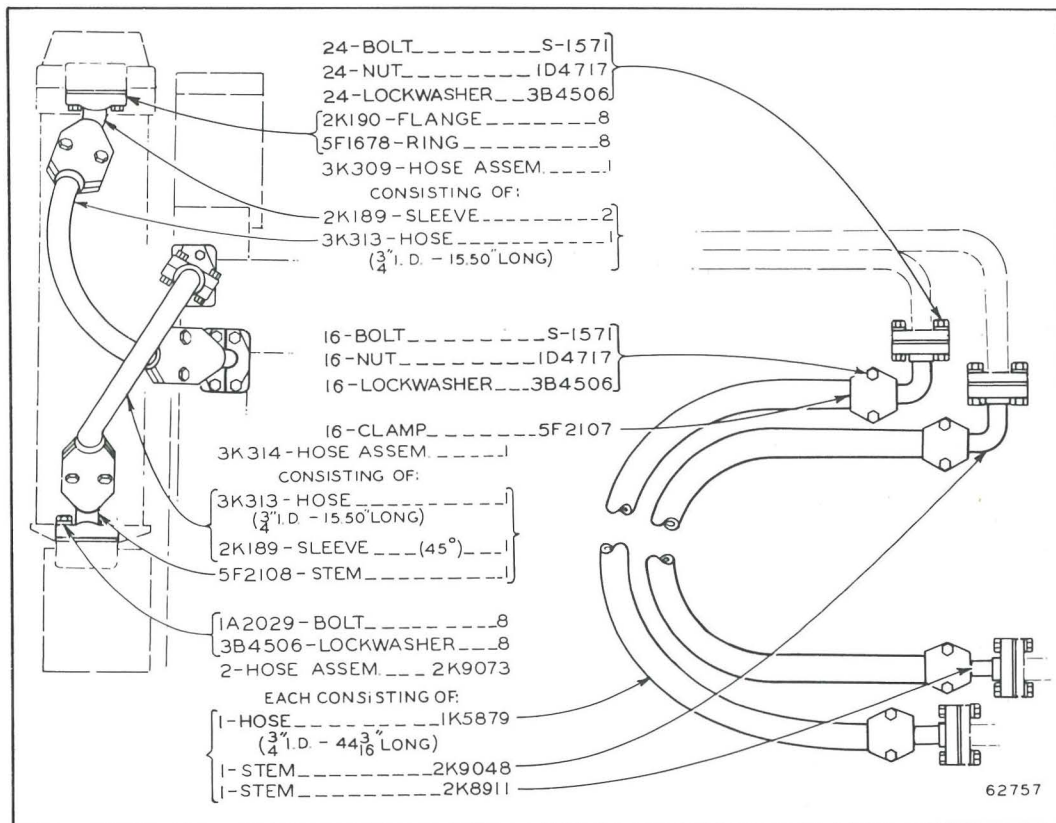


2K7839 HYDRAULIC LINES GROUP—Front Mounted—First Type
 Part of 2K7624 Pulpwood Fork Arrangement listed on Page 148

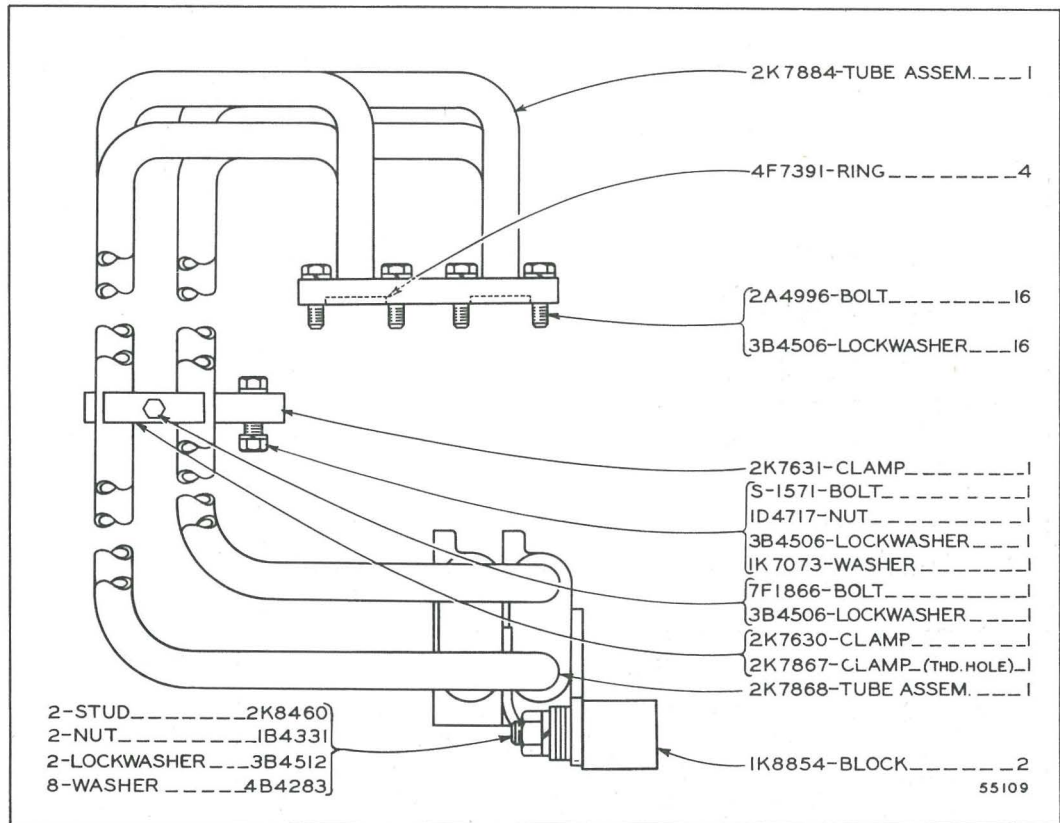


2K7839 HYDRAULIC LINES GROUP—Front Mounted—Second Type
 Part of 2K7624 Pulpwood Fork Arrangement listed on Page 148

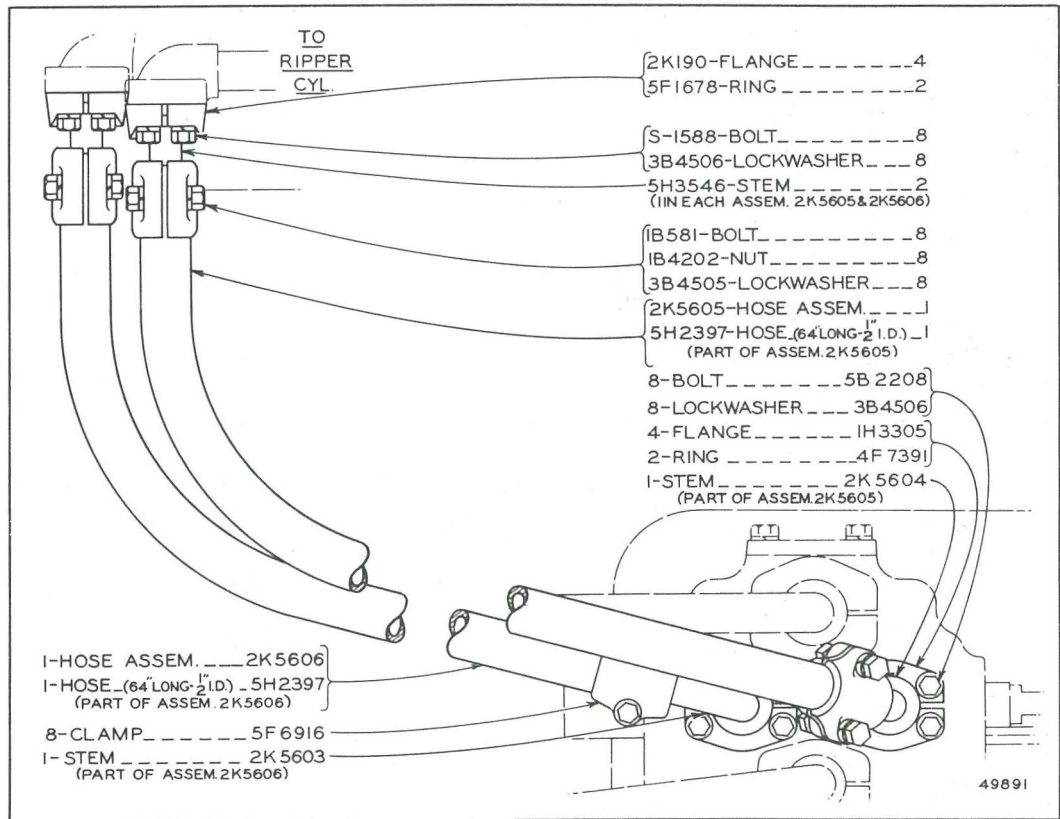
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2K7839 HYDRAULIC LINES GROUP—Front Mounted—Third Type
 Part of 2K7624 Pulpwood Fork Arrangement listed on Page 148



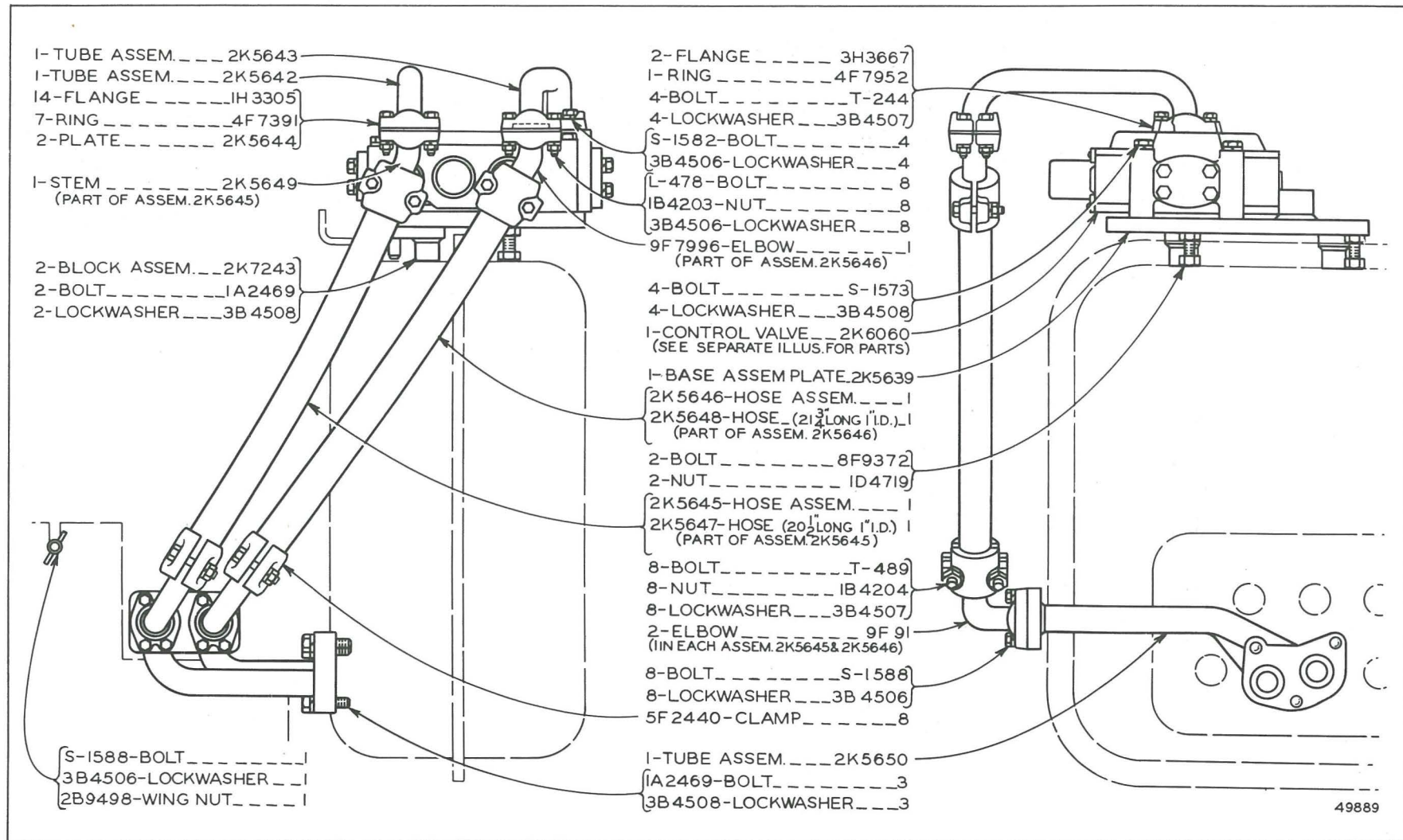
2K7873 HYDRAULIC LINES GROUP—Rear Mounted
 Part of 2K7885 Hydraulic Control Arrangement listed on Page 149



2K5483 HYDRAULIC LINES GROUP—Rear Mounted
 Part of 2K6071 and 2K6820 Hydraulic Control Arrangements listed on Page 149

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

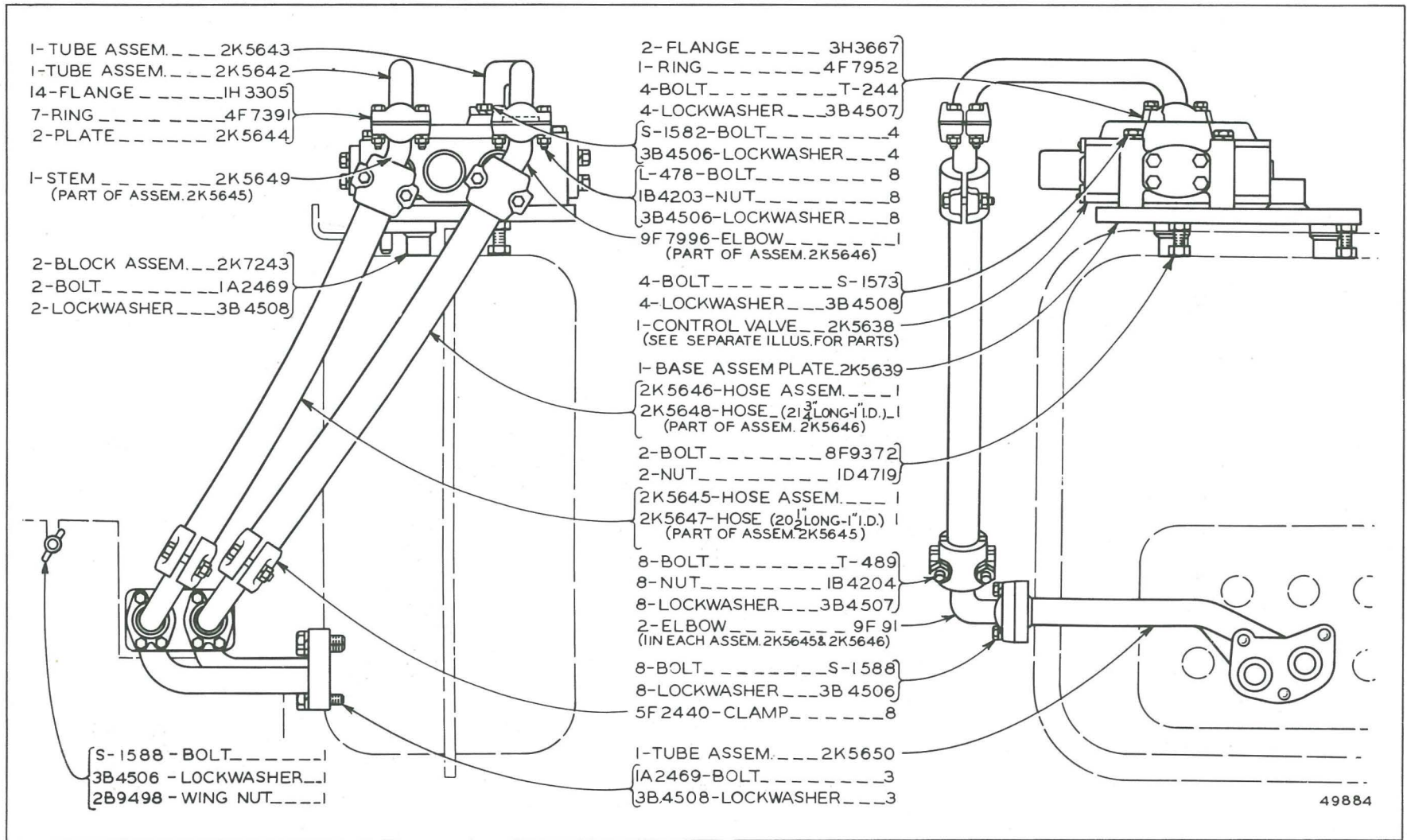


49889

2K6146 SUPPLY LINES AND VALVE GROUP

Part of 2K7885 and 2K6820 Hydraulic Control Arrangements listed on Page 149
 2K6060 Control Valve parts are shown on Page 161

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



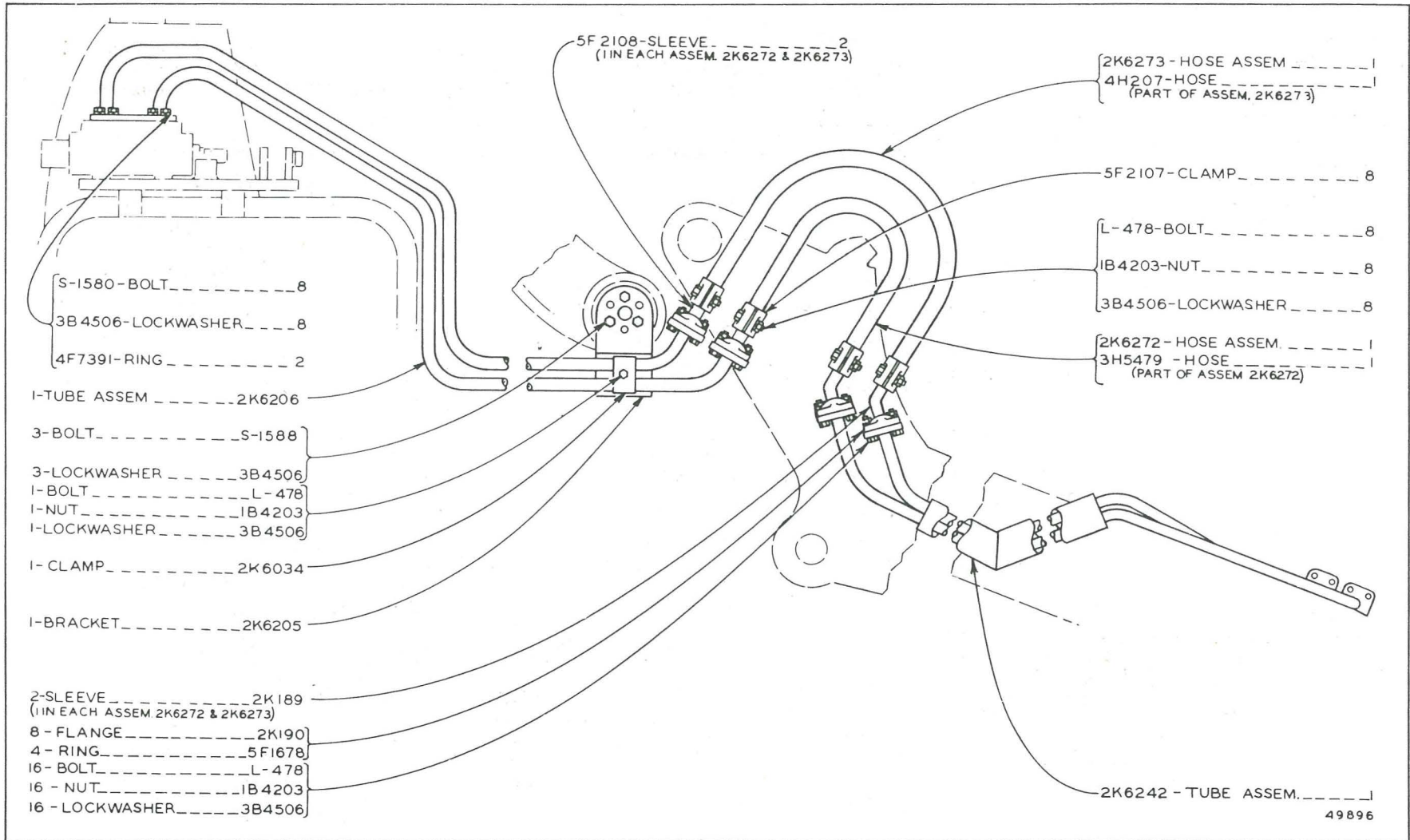
49884

2K5656 SUPPLY LINES AND VALVE GROUP

Part of 2K6071 and 2K6595 Hydraulic Control Arrangements listed on Page 149
 2K5638 Control Valve parts are shown on Page 162

ATTACHMENTS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

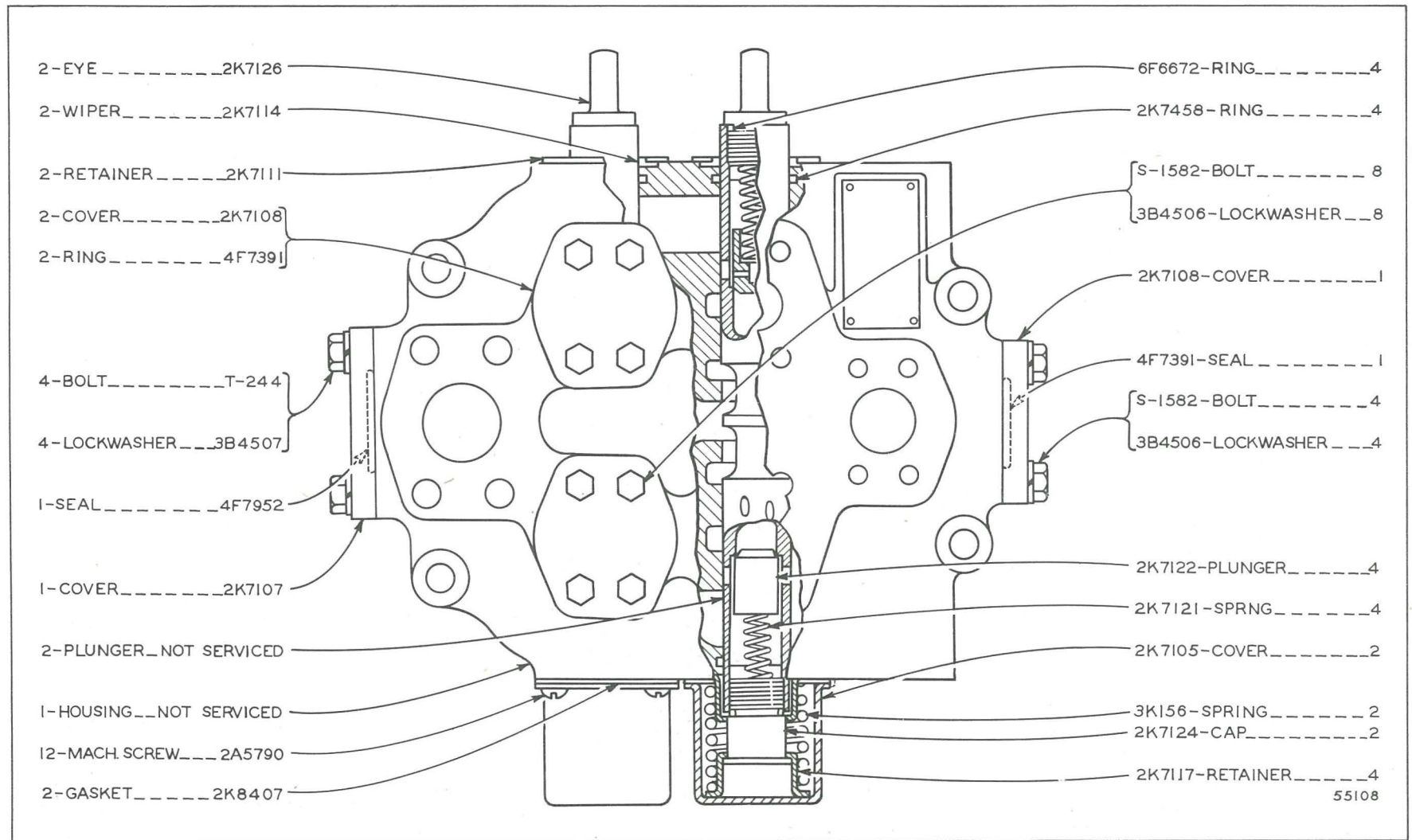


160 "CATERPILLAR" NO. 933 TRAXCAVATOR

2K6274 SIDE HYDRAULIC LINES GROUP

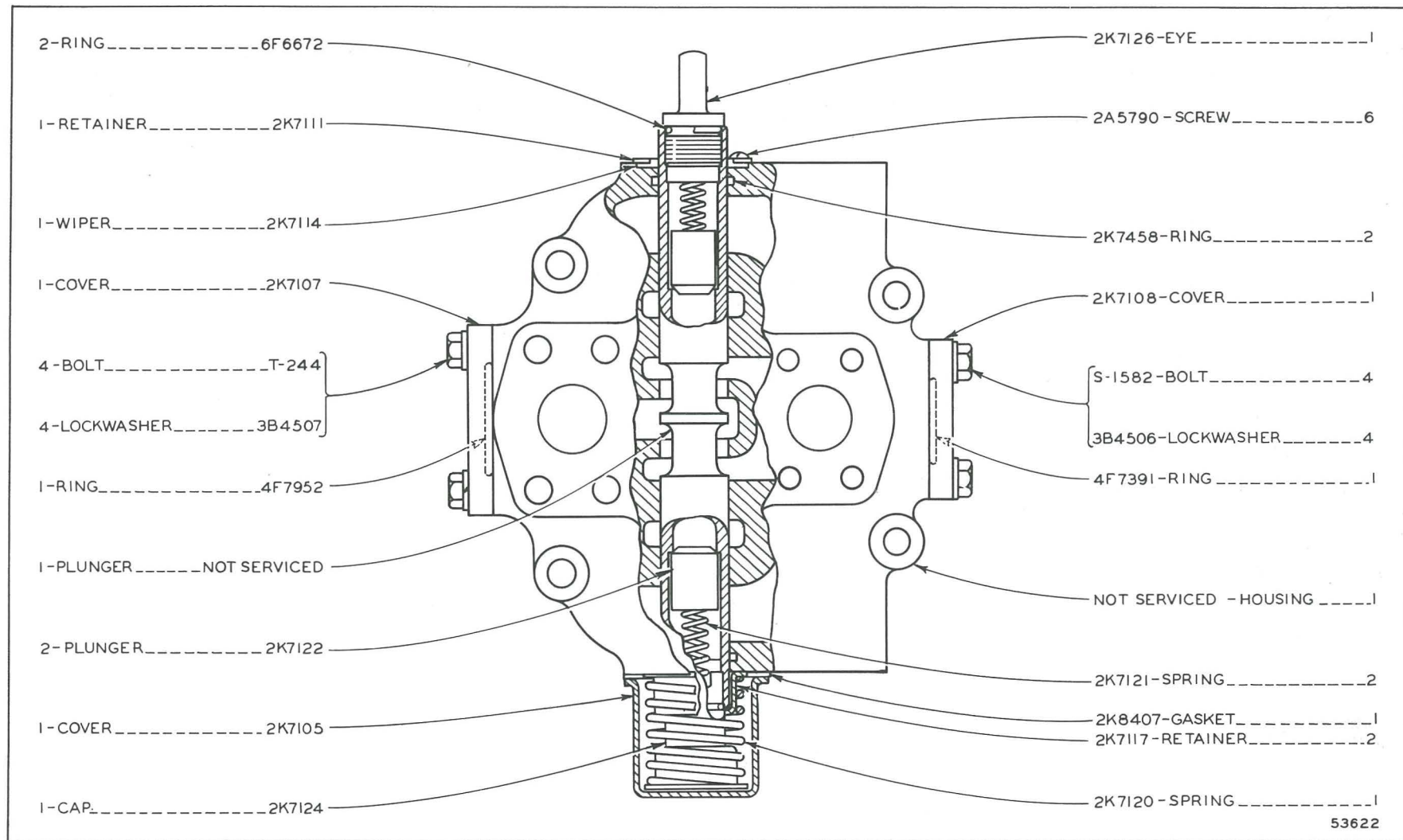
Part of 2K6595 and 2K6820 Hydraulic Control Arrangements listed on Page 149

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



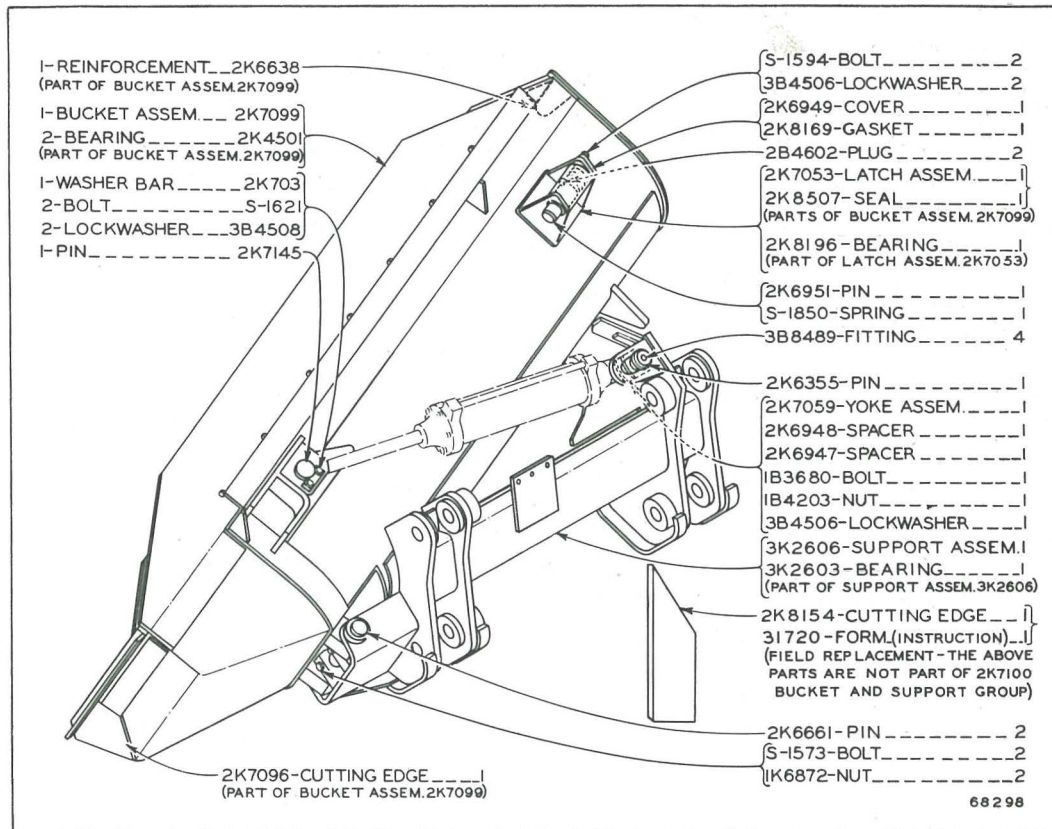
2K6060 CONTROL VALVE ASSEMBLY
 Part of 2K6146 Supply Lines and Valve Group shown on Page 158

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

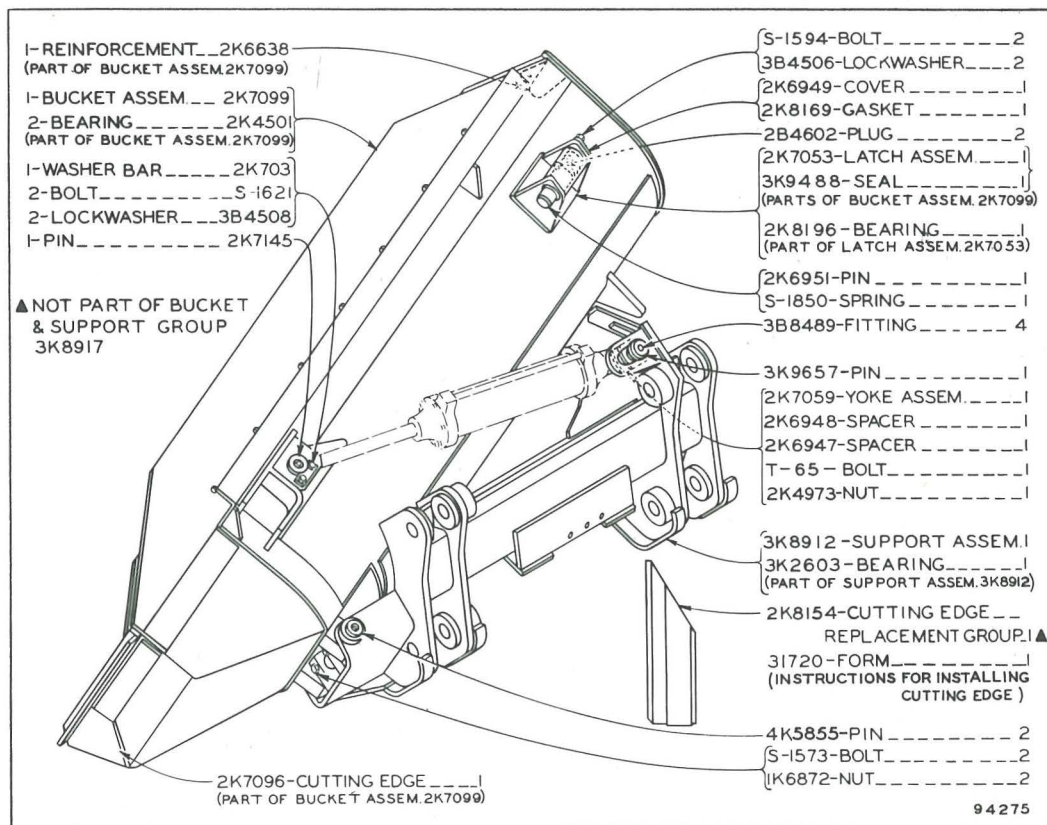


2K5638 CONTROL VALVE ASSEMBLY

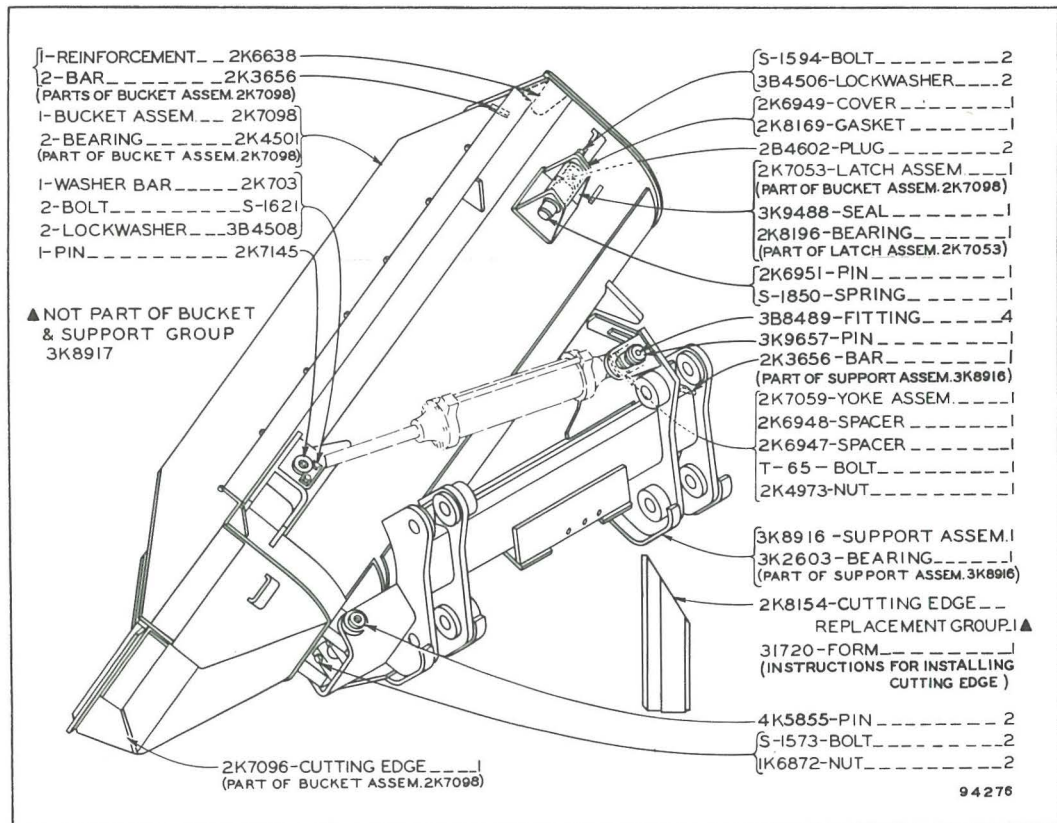
Part of 2K5656 Supply Lines and Valve Group shown on Page 159



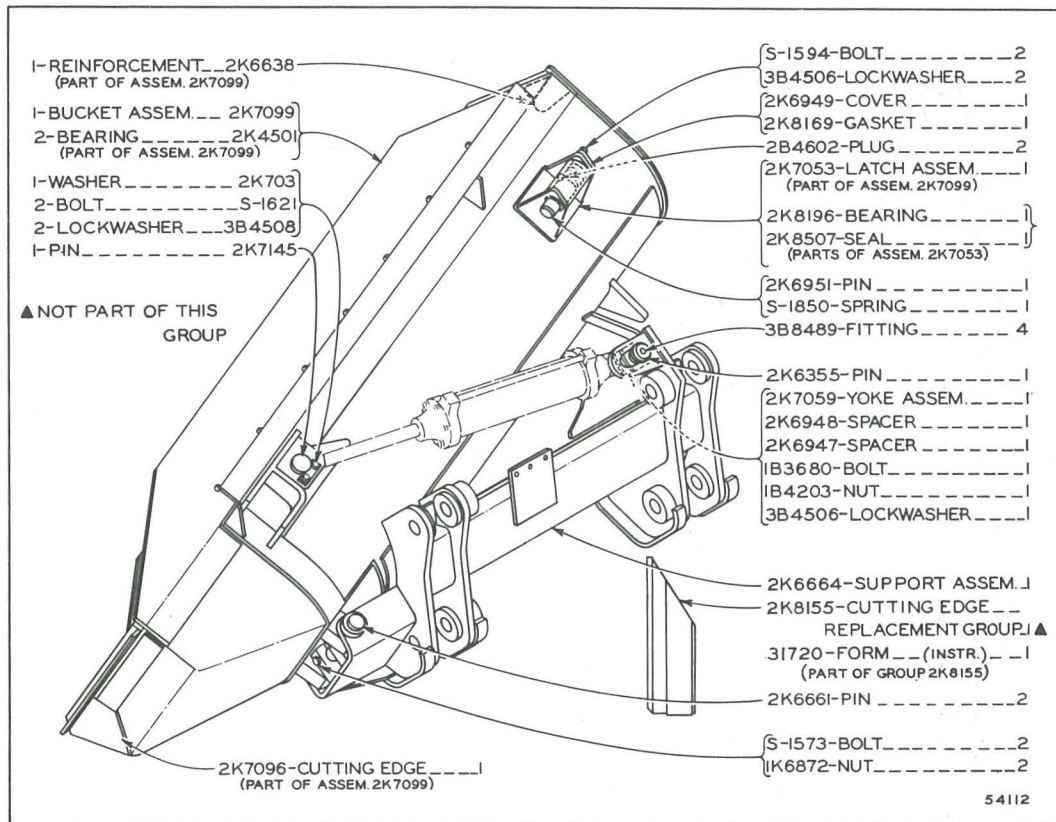
2K7100 BUCKET AND SUPPORT GROUP—Type 2
Part of 2K7236 Side Dump Bucket Arrangement listed on Page 147



3K8917 BUCKET AND SUPPORT GROUP—Type 1
Part of 3K9032 Side Dump Bucket Arrangement listed on Page 146B

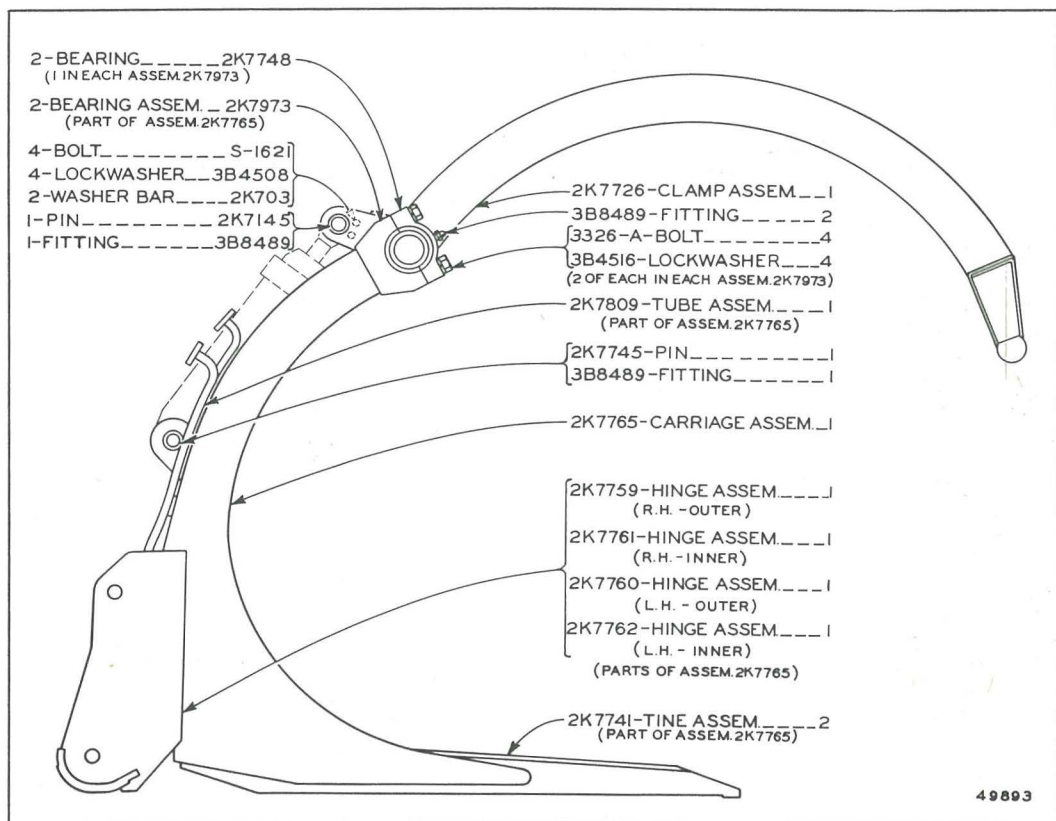


3K8917 BUCKET AND SUPPORT GROUP-Type 2
 Part of 3K9032 Side Dump Bucket Arrangement listed on Page 146B



2K7100 BUCKET AND SUPPORT GROUP

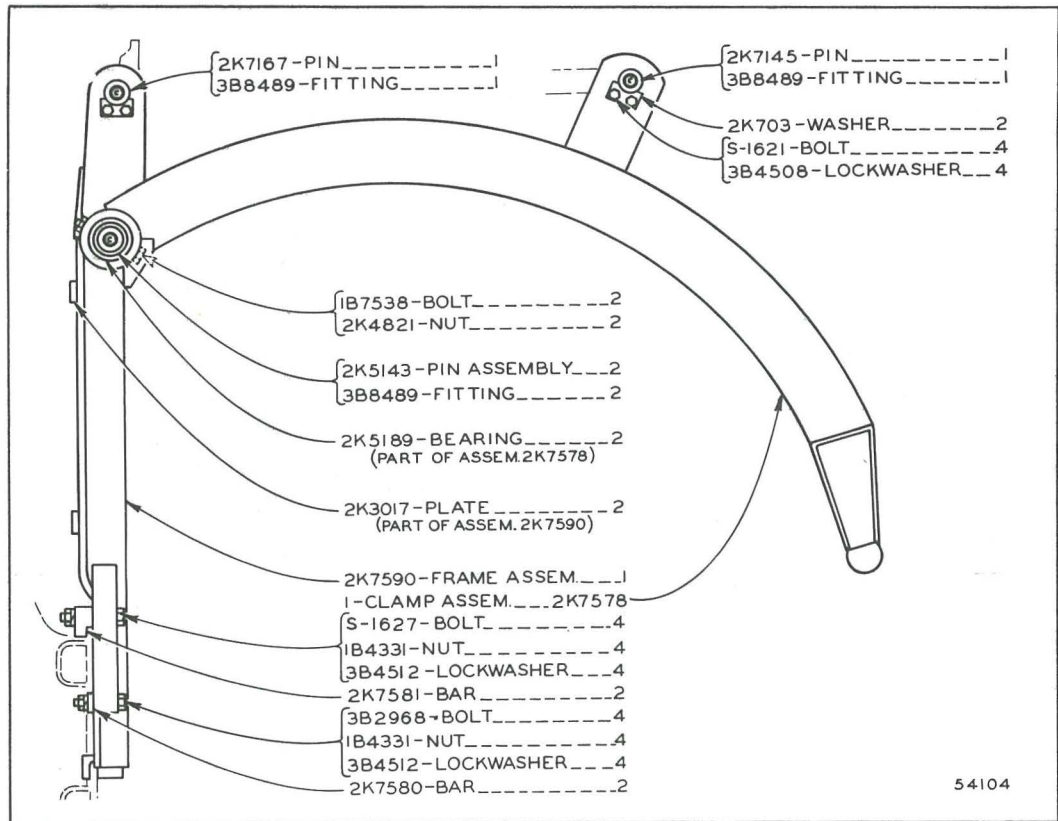
Part of 2K7236 Side Dump Bucket Arrangement listed on Page 147



2K7766 CARRIAGE CLAMP GROUP

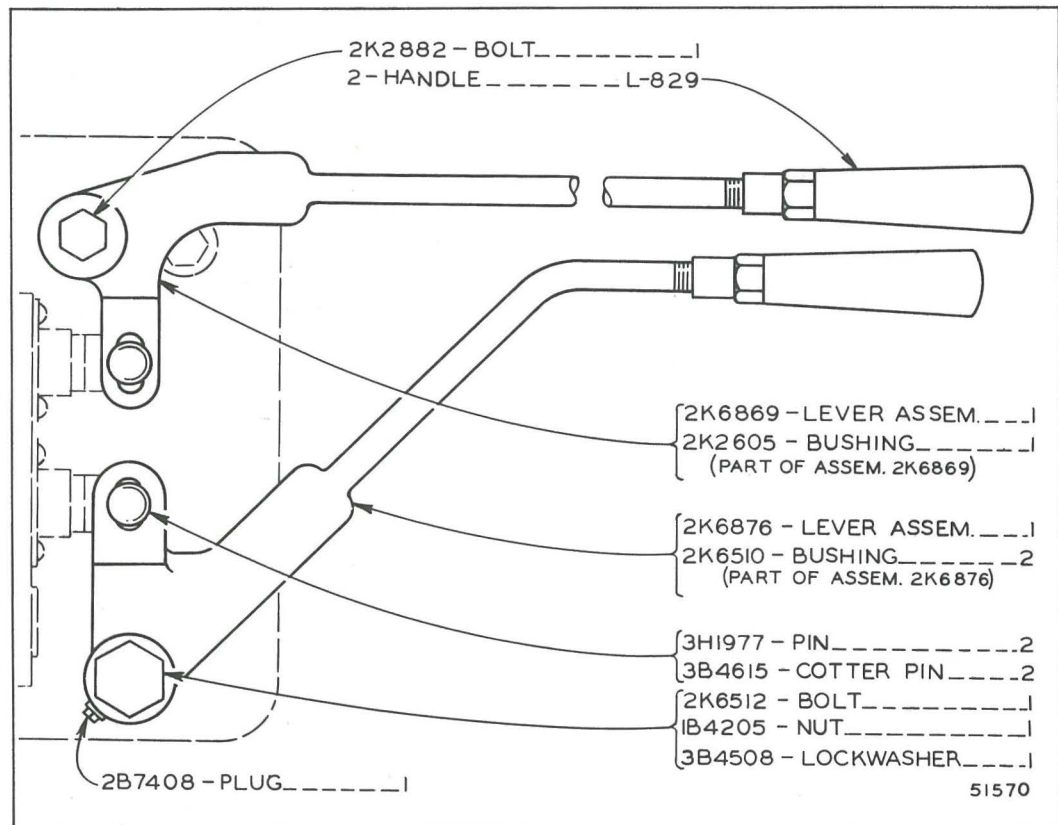
Part of 2K7624 Pulpwood Fork Arrangement listed on Page 148

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



2K7591 FRAME AND CLAMP GROUP

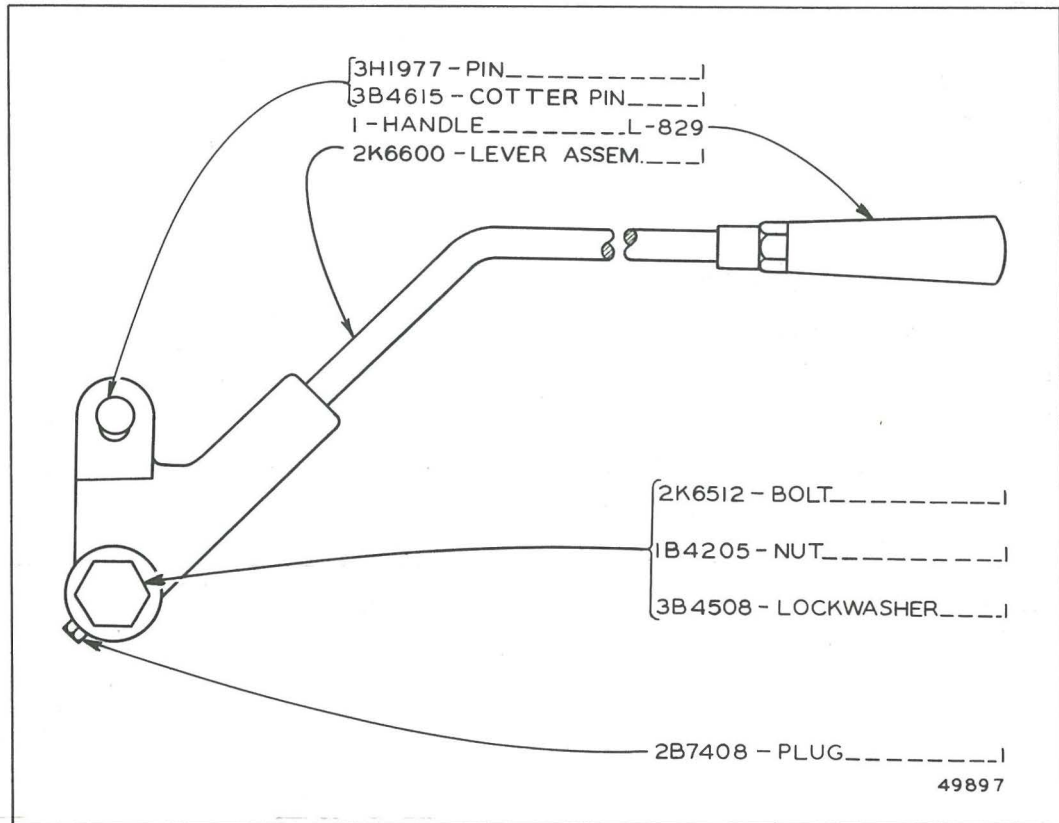
Part of 2K7712 Top Clamp Group listed on Page 148



2K6868 LEVER GROUP

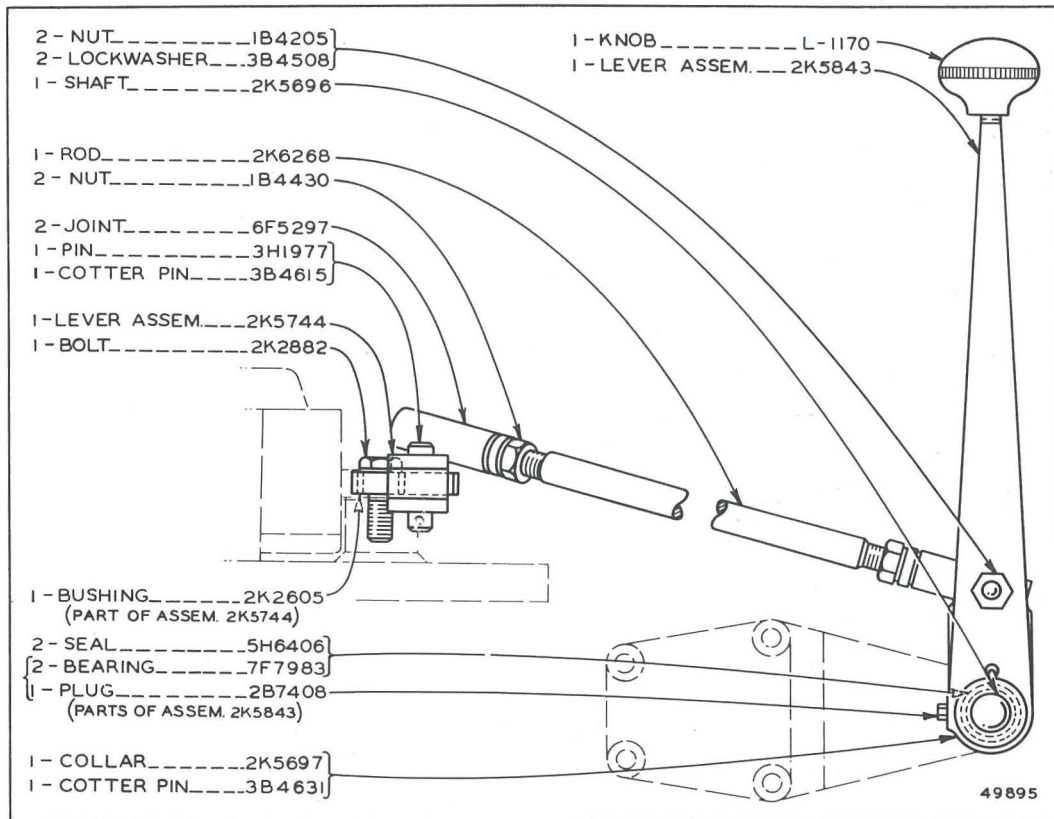
Part of 2K7885 Hydraulic Control Arrangement listed on Page 149

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2K6591 LEVER GROUP

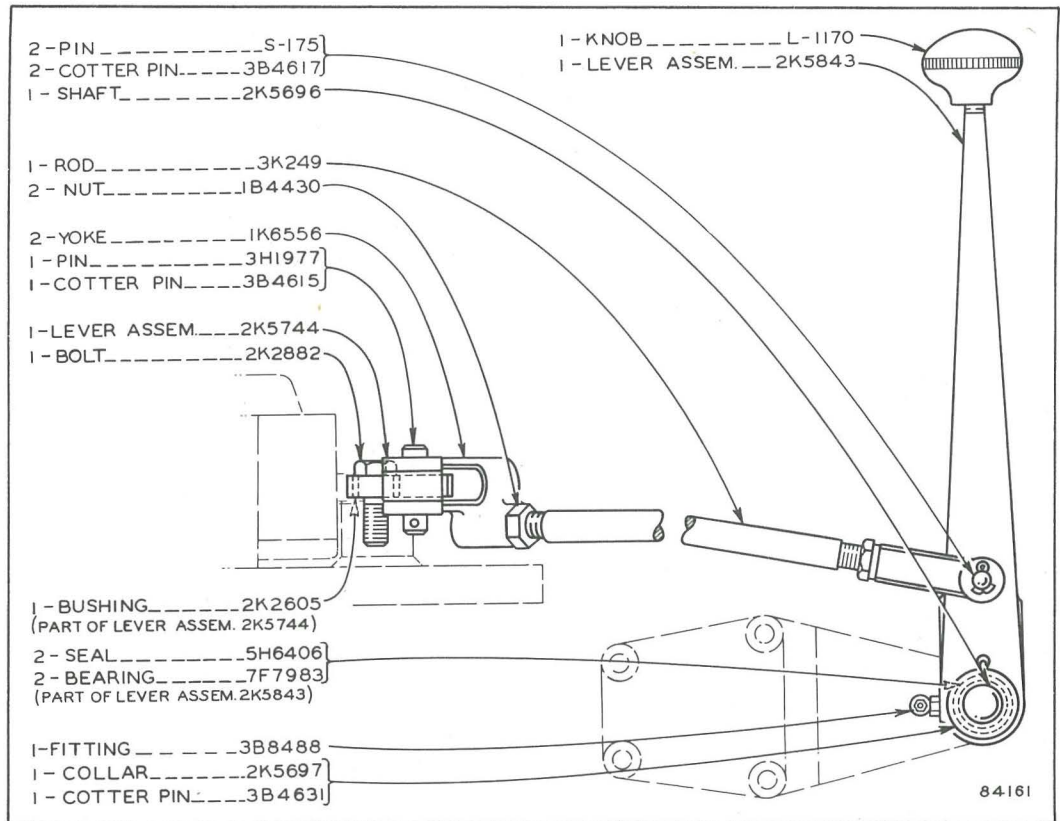
Part of 2K6071 Hydraulic Control Arrangement listed on Page 149



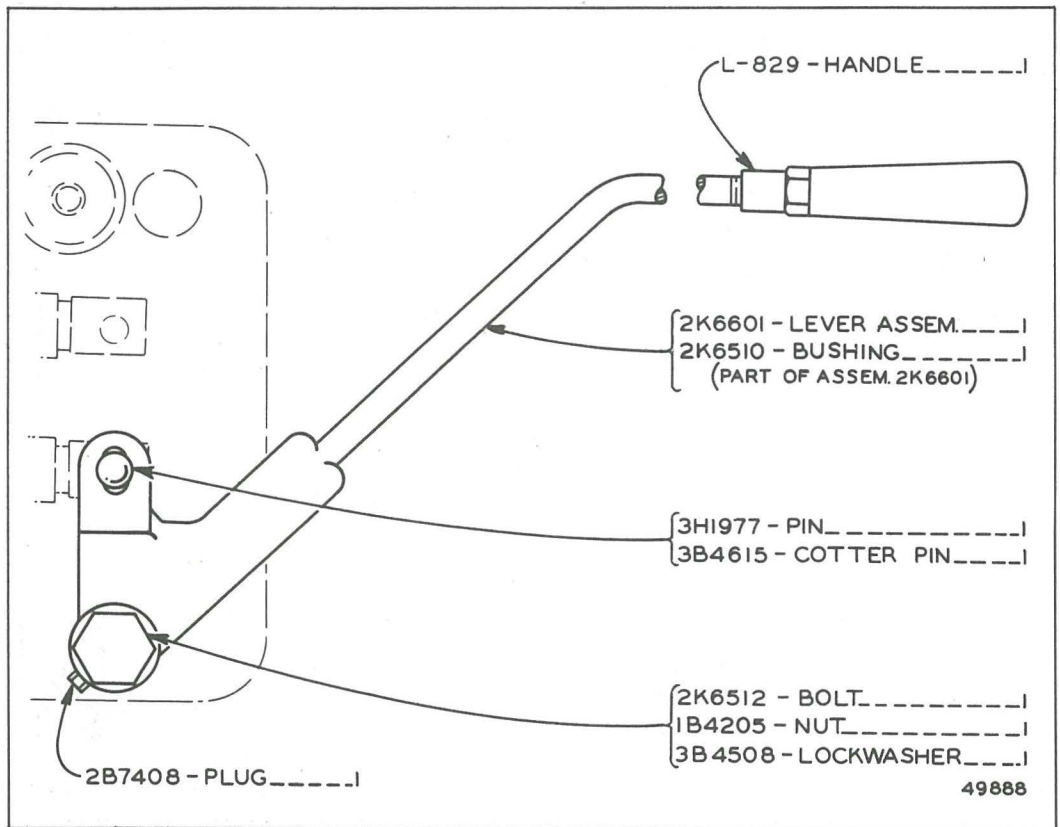
2K6269 FRONT LEVER CONTROL GROUP—First Type

Part of 2K6595 and 2K6820 Hydraulic Control Arrangements listed on Page 149

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

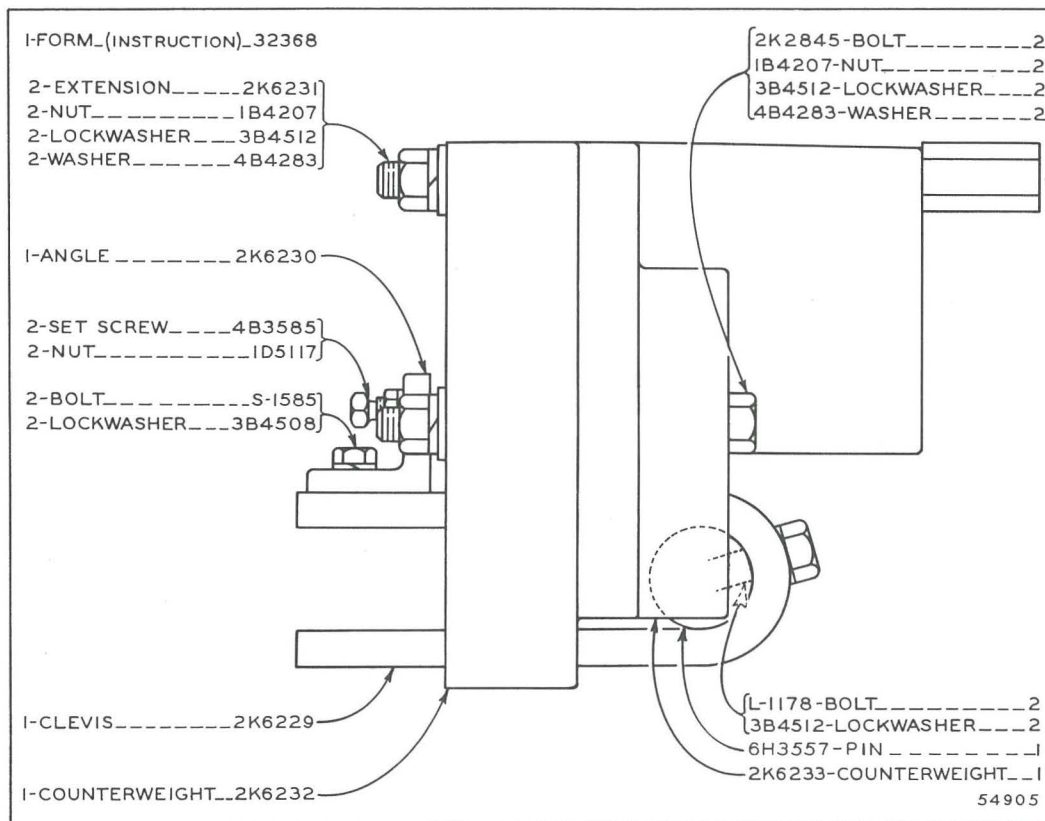


2K6269 FRONT LEVER CONTROL GROUP—Second Type
 Part of 2K6595 and 2K6820 Hydraulic Control Arrangements listed on Page 149



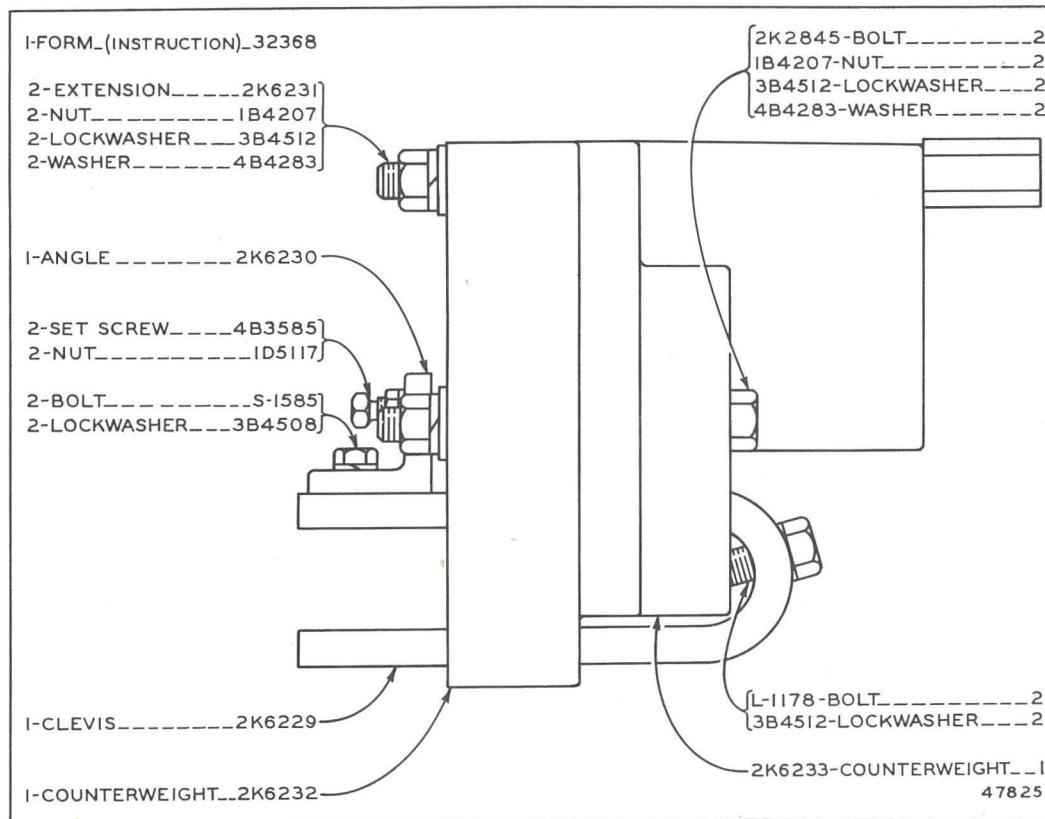
2K6603 SIDE LEVER CONTROL GROUP
 Part of 2K6820 Hydraulic Control Arrangement listed on Page 149

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



2K6444 COUNTERWEIGHT GROUP—450 Pounds

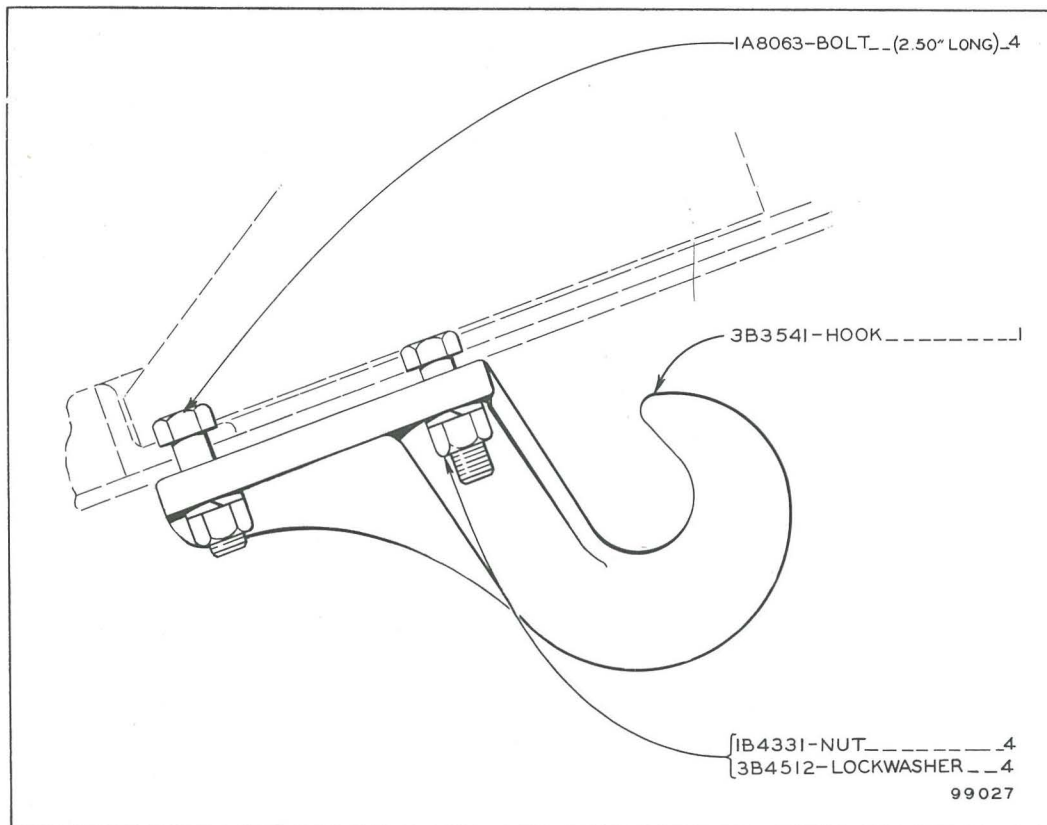
Serial No. 11A382 to 11A678 inclusive
 For use with Logging Fork



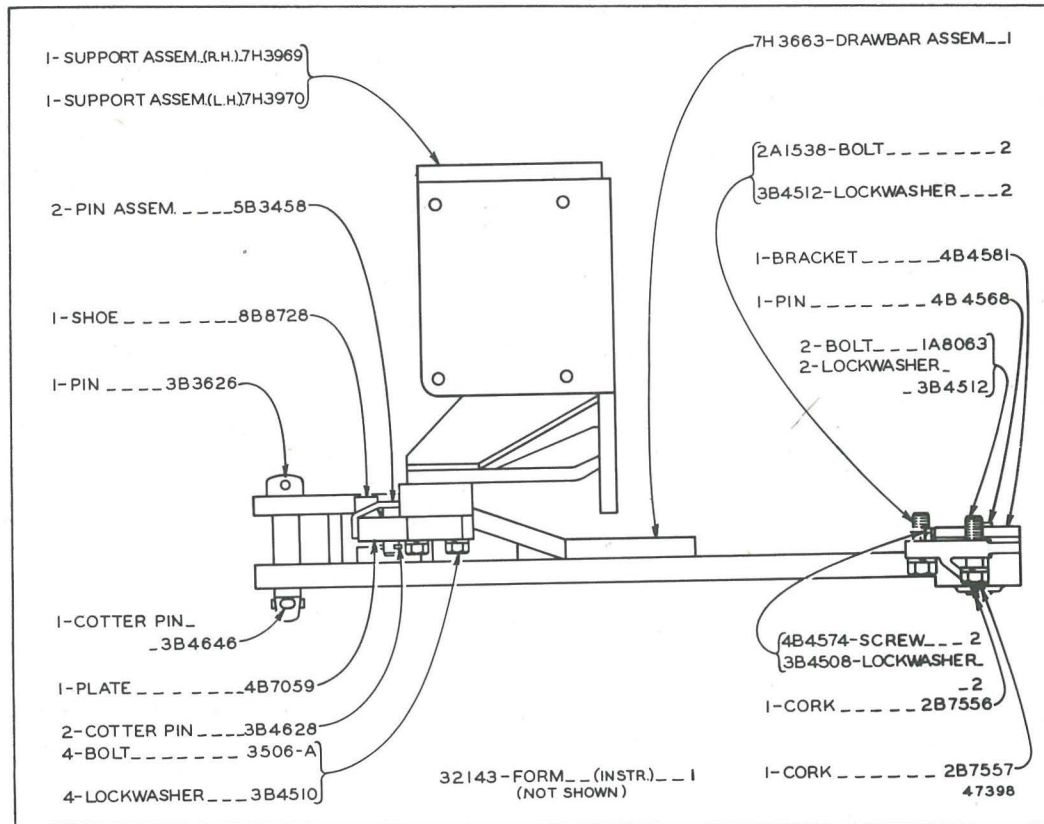
2K6258 COUNTERWEIGHT GROUP—450 Pounds

Effective with Serial No. 11A679
 For use with Logging Fork

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

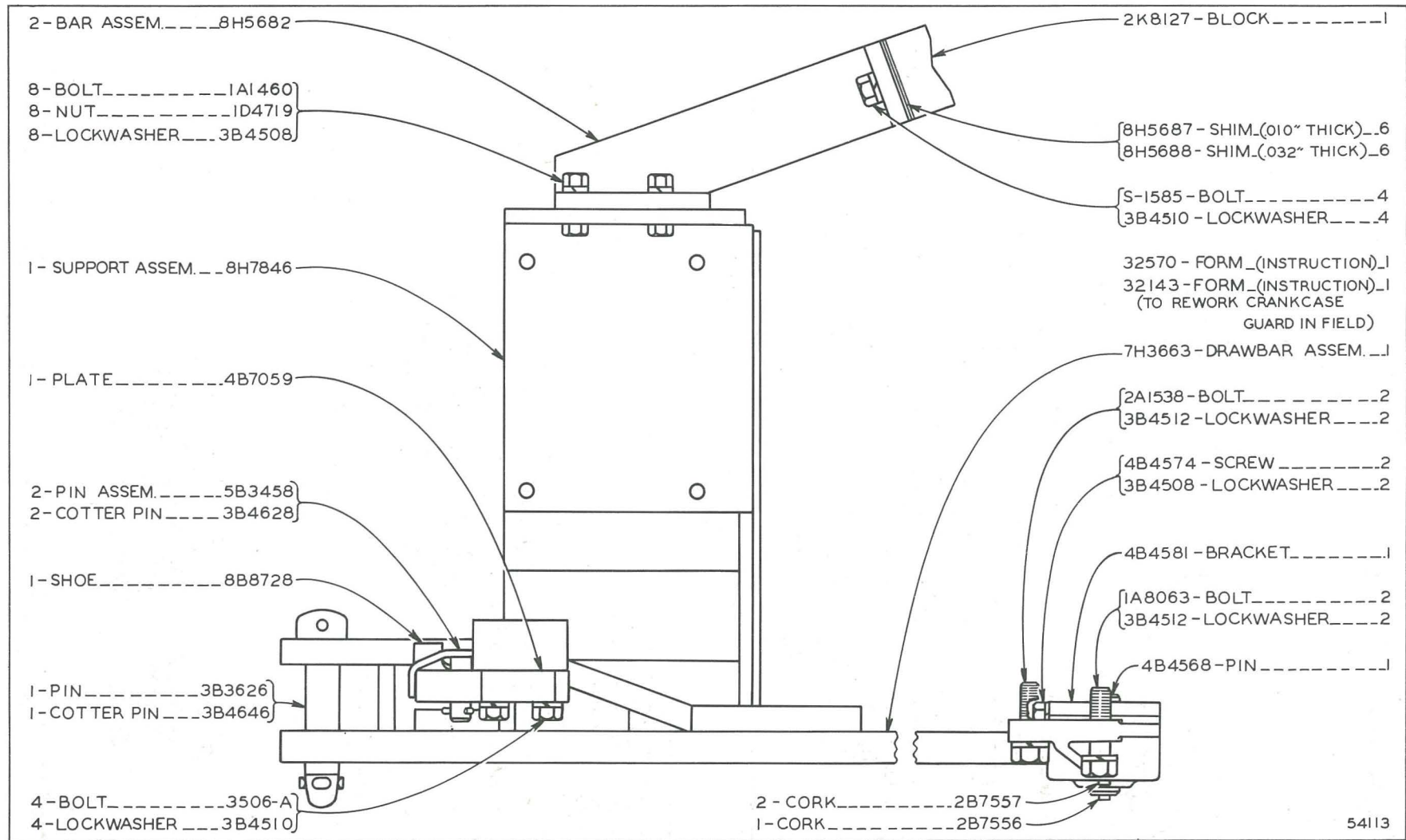


**3B2665 FRONT PULL HOOK GROUP
FOR USE WITH FRONT CRANKCASE GUARD**



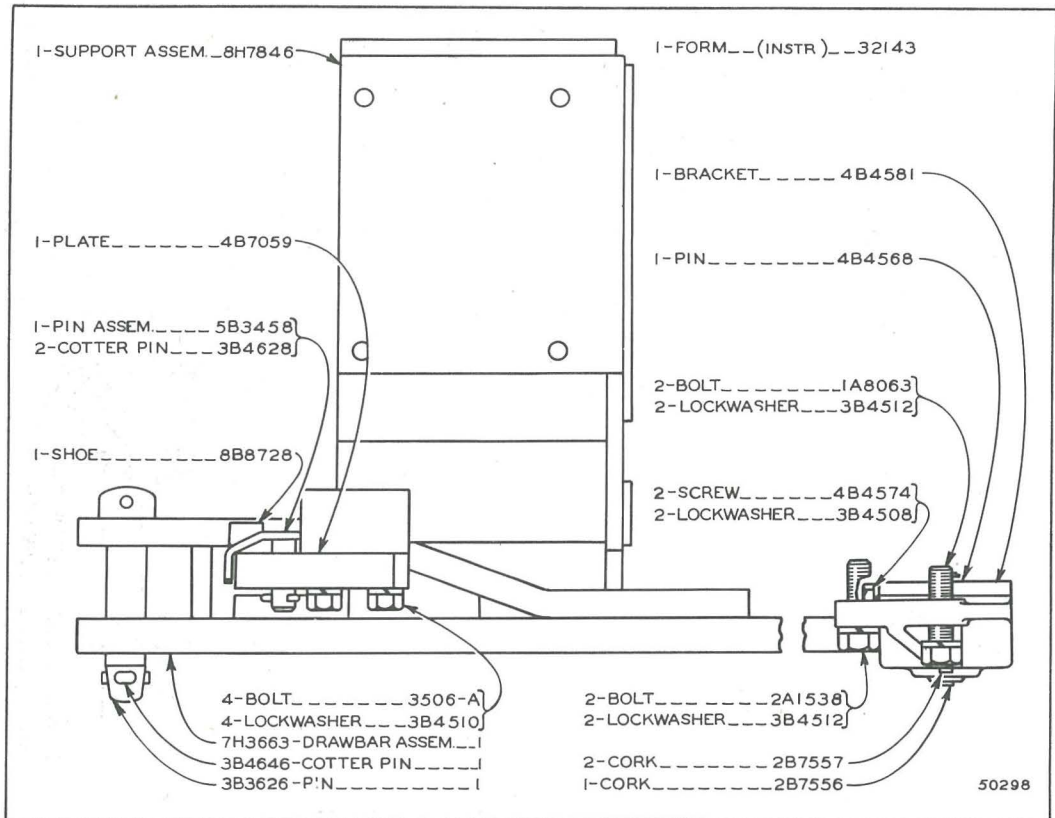
7H4610 SWINGING DRAWBAR GROUP
 Serial No. 11A1731 to 11A2595 inclusive
 Only separate parts serviced. When complete Group is required
 order 8H7900 shown on Page 169

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

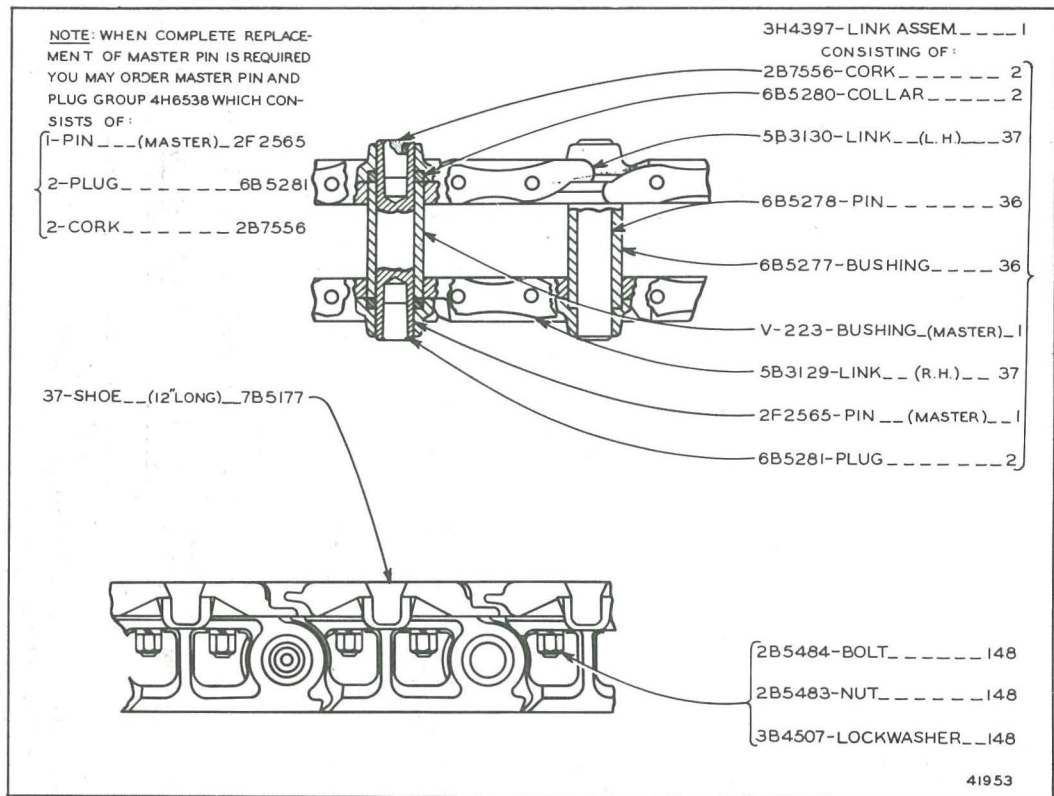


8H7900 DRAWBAR GROUP—Swinging
Serial No. 11A1731 to 11A2595 inclusive

54113



8H7841 DRAWBAR GROUP—Swinging
Effective with Serial No. 11A2596



3H8365 TRACK GROUP—12" Flat Shoe—2 Groups Required

Serial No. 11A1 to 11A2595 inclusive

Note: 6H2581 Track Pin and Bushing Group, consisting of a complete set of Pins and Bushings for one Track, is available

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

7H7400 Track Roller Frame Arrangement—Heavy Duty

Serial No. 11A1 to 11A2595 inclusive

Only separate parts serviced. When complete Arrangement is require order 9H1900

Consists of:

		Page
1	Track Roller Frame	101
1	Engine Support	48
4	5H6099 Track Roller Group	105
6	5H6101 Track Roller Group	105
1	7H7402 Track Roller Frame Guard Group	103
1	7H7403 Front Idler Group	99
2	7H7404 Track Carrier Roller Group	106
2	7H7405 Track Group	107
1	8H6380 Transmission Support Group	96
2	7H7406 Sprocket Assembly	

Consists of:

2	Sprocket—Track
12	4B4327 Rivet
2	8B5595 Guard
2	8B6529 Spacer
4	497A Pin

9H1900 Track Roller Frame Arrangement — Field Installation — Heavy Duty

Serial No. 11A1 to 11A2595 inclusive

Consists of:

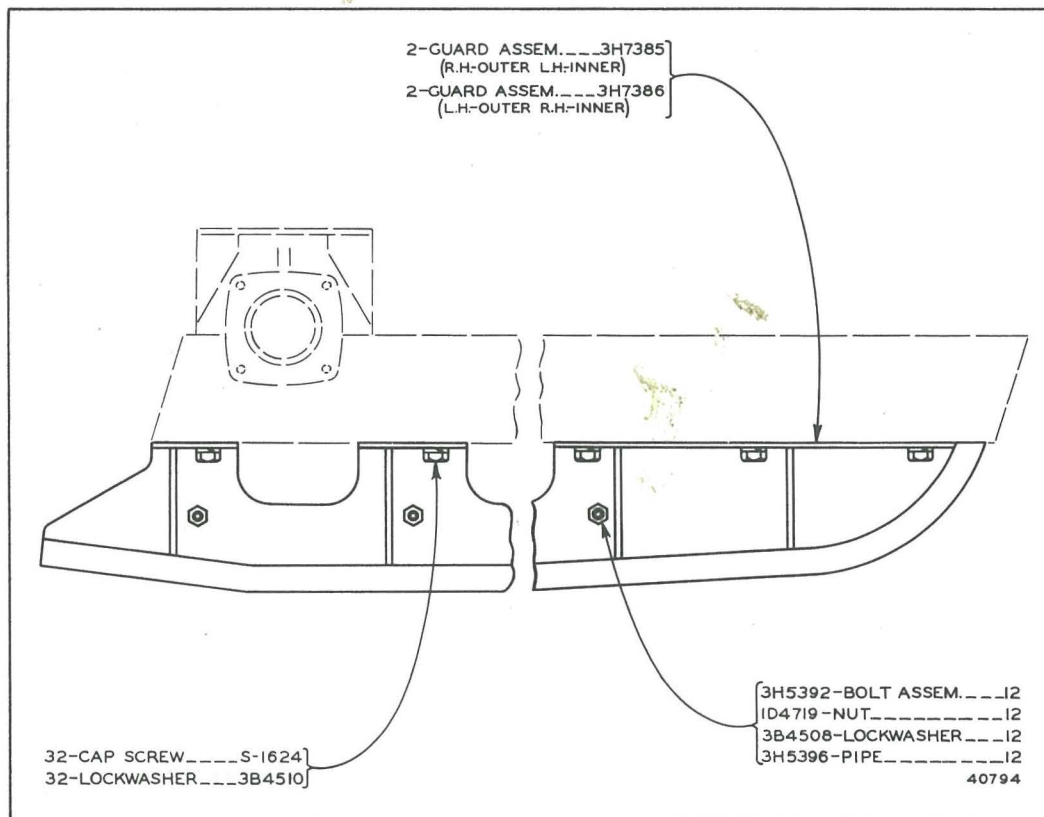
1	Track Roller Frame	101
4	5H6099 Track Roller Group	105
6	5H6101 Track Roller Group	105
1	7H7402 Track Roller Frame Guard Group	103
1	7H7403 Front Idler Group	99
2	7H7404 Track Carrier Roller Group	106
2	7H7405 Track Group	107
1	8H5839 Tie Bar Group	173
1	8H6380 Transmission Support Group	96
1	7H7450 Engine Support Assembly	
2	2B7557 Cork—To Pin Assembly	
16	3B4510 Lockwasher— $\frac{5}{8}$ "	
12	4B9366 Spacer—Support Assembly to Frame Assembly	
4	7H7445 Shim—Support Assembly to Inside Frame Channel	
12	7H9248 Shim—Support Assembly to Inside Frame Channel	
12	S-1572 Bolt—Support Assembly to Frame Assembly	
4	S-1589 Bolt—Support Assembly to Frame Assembly	
1	Instruction Form No. 32651	
2	7H7406 Sprocket Assembly	

Consists of:

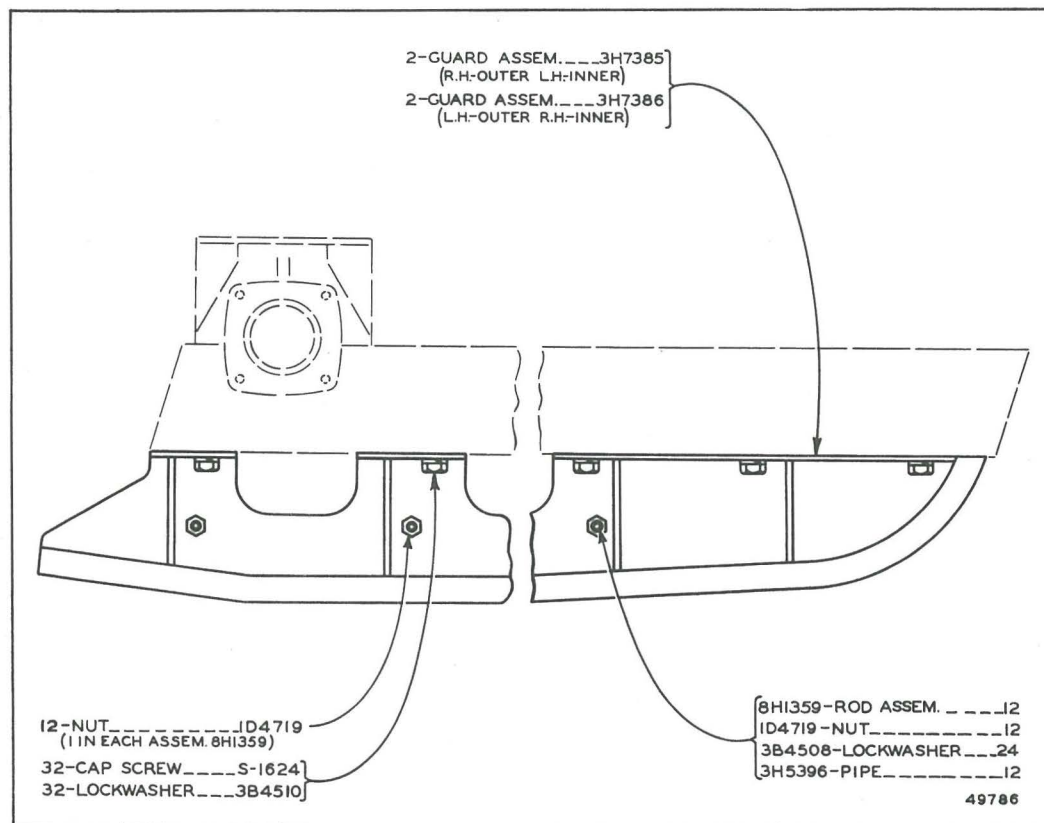
2	Sprocket—Track
12	4B4327 Rivet
2	8B6529 Spacer
2	8B5595 Guard
4	497A Pin

TRACK ROLLER FRAME ARRANGEMENTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

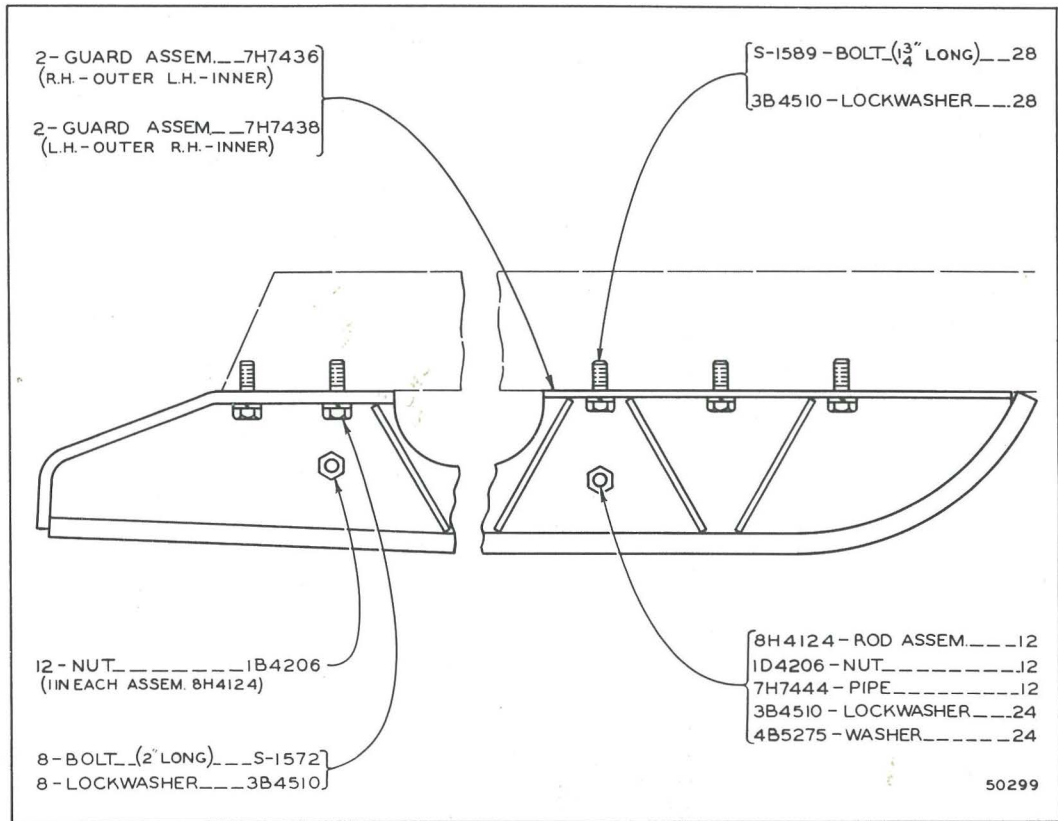


5H6809 TRACK ROLLER GUARD GROUP—First Type
Serial No. 11A1 to 11A2595 inclusive

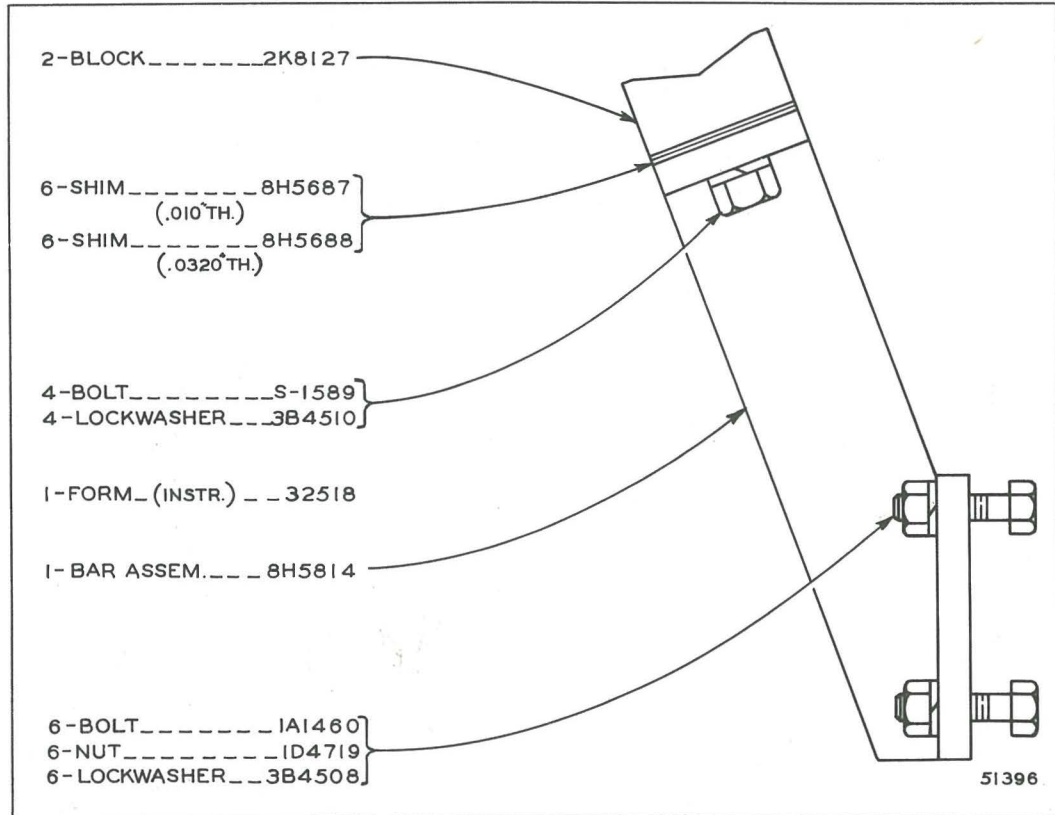


5H6809 TRACK ROLLER GUARD—Second Type
Serial No. 11A1 to 11A2595 inclusive

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



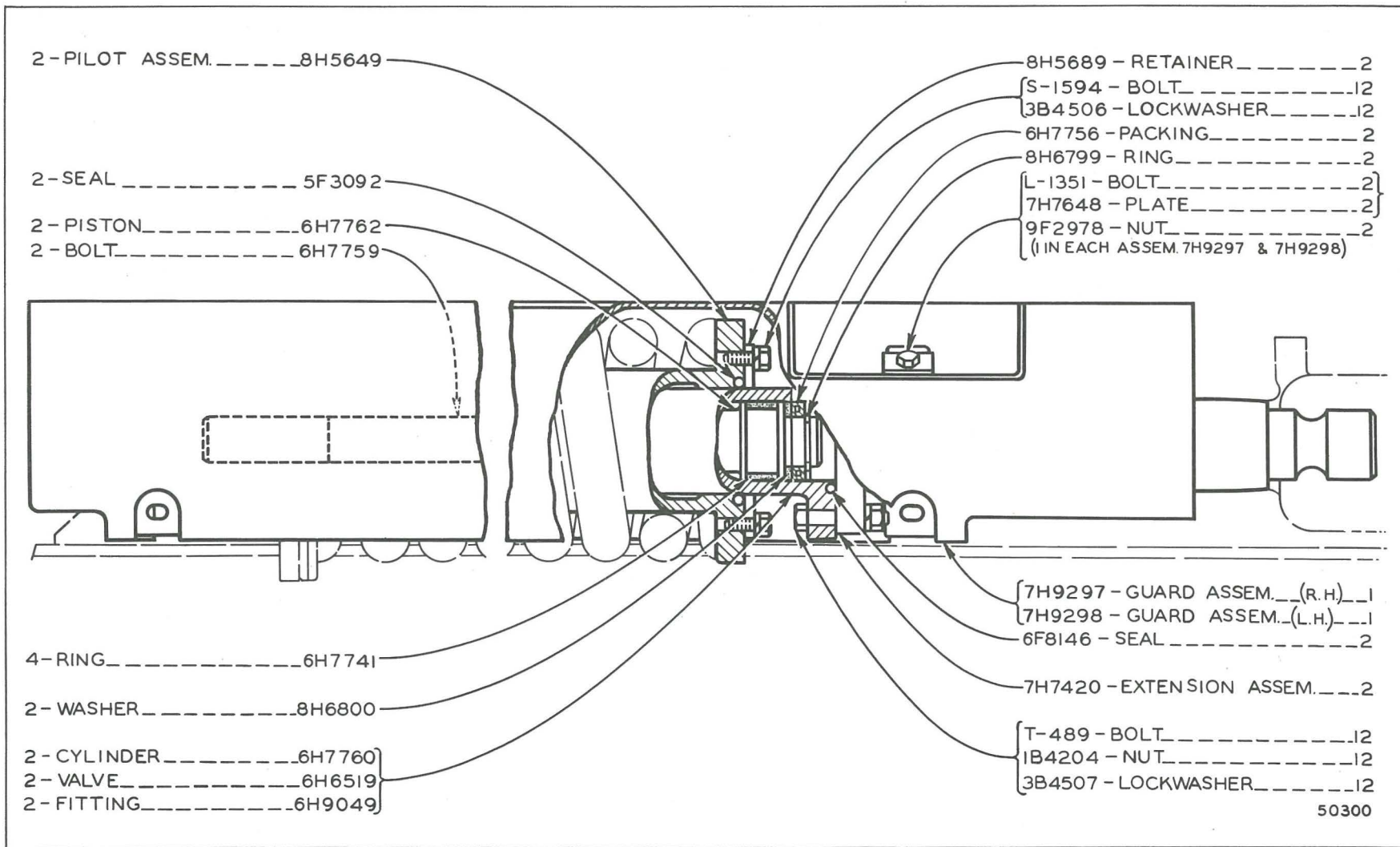
8H5539 TRACK ROLLER GUARD GROUP
Effective with Serial No. 11A2596
Also for use with Heavy Duty Track Roller Frame



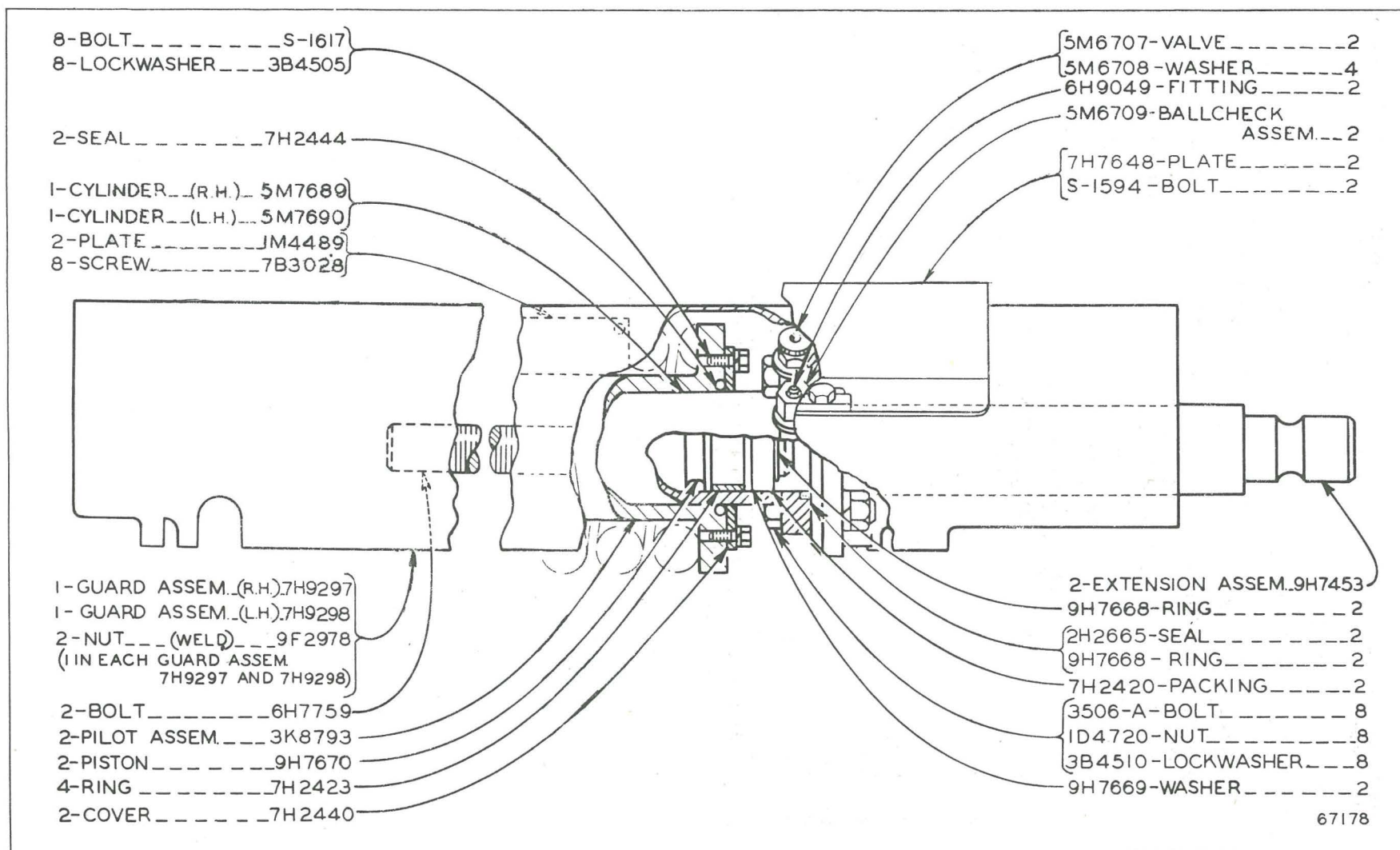
8H5839 TIE BAR GROUP
Part of 9H1900 Track Roller Frame Arrangement listed on Page 171

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

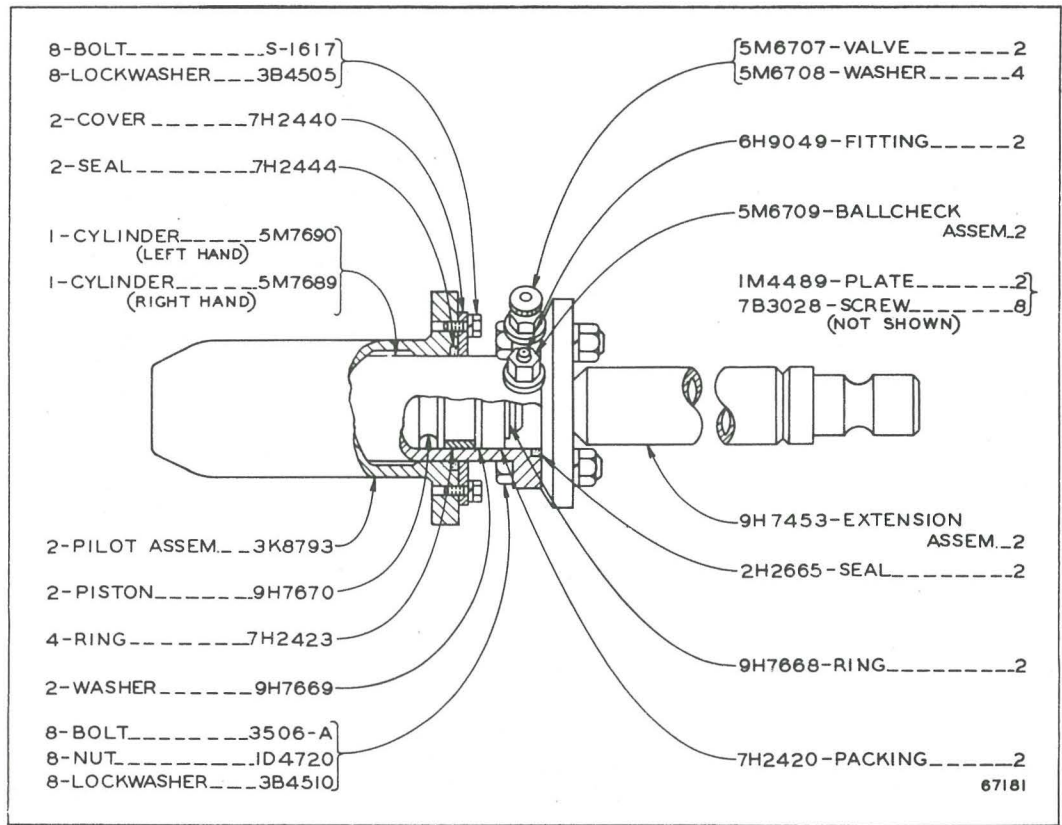


8H5646 HYDRAULIC TRACK ADJUSTER GROUP
For use with heavy duty Track Roller Frame

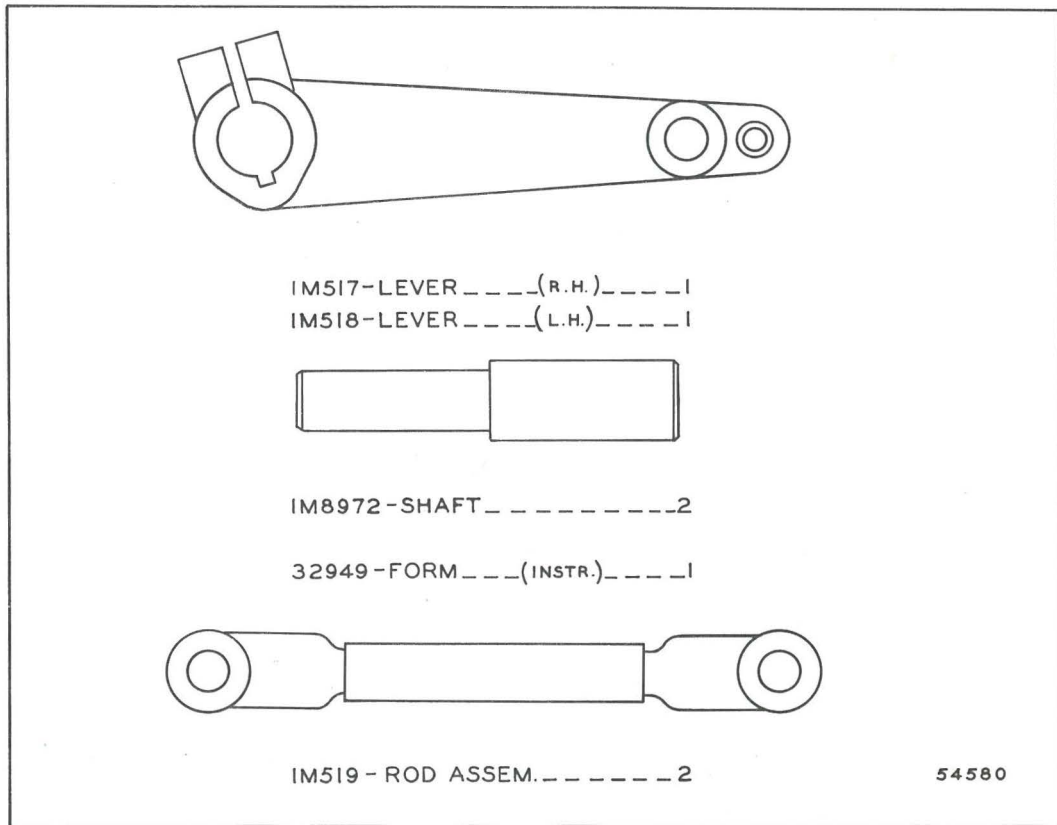


3K8794 HYDRAULIC TRACK ADJUSTER GROUP—Replaces 8H5646

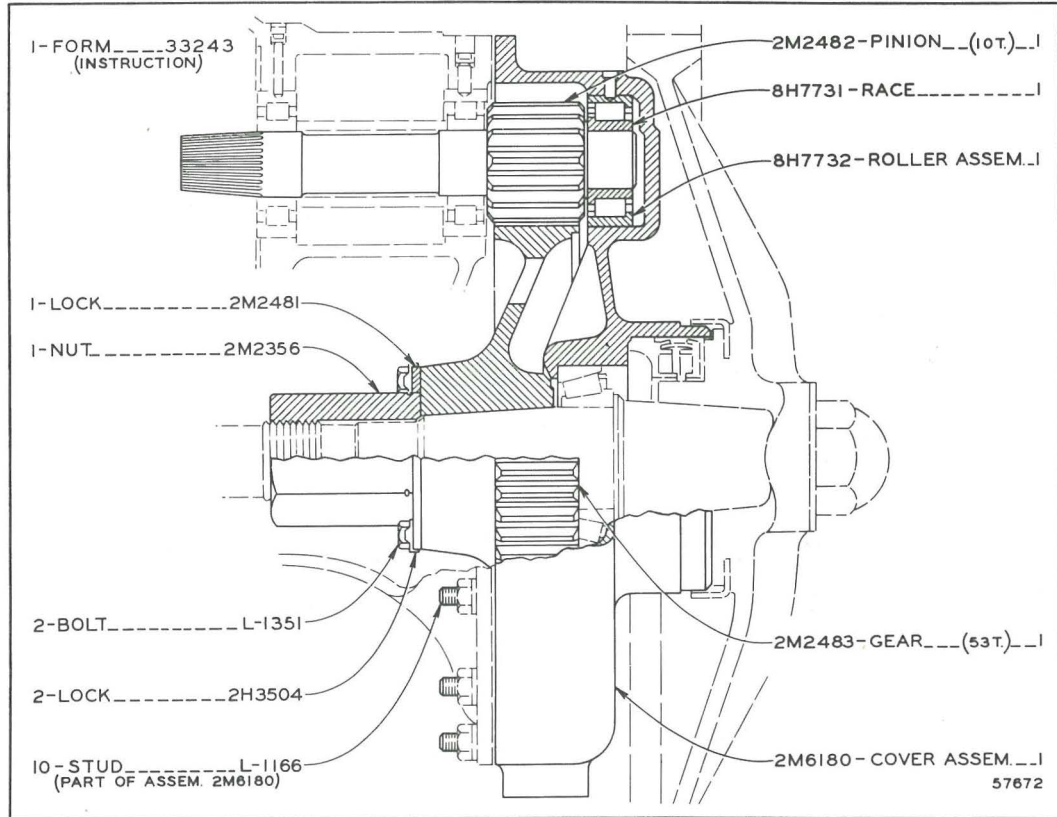
For use with heavy duty Track Roller Frame
Only separate parts serviced



3K8824 HYDRAULIC TRACK ADJUSTER CONVERSION GROUP
 For use with heavy duty Track Roller Frame

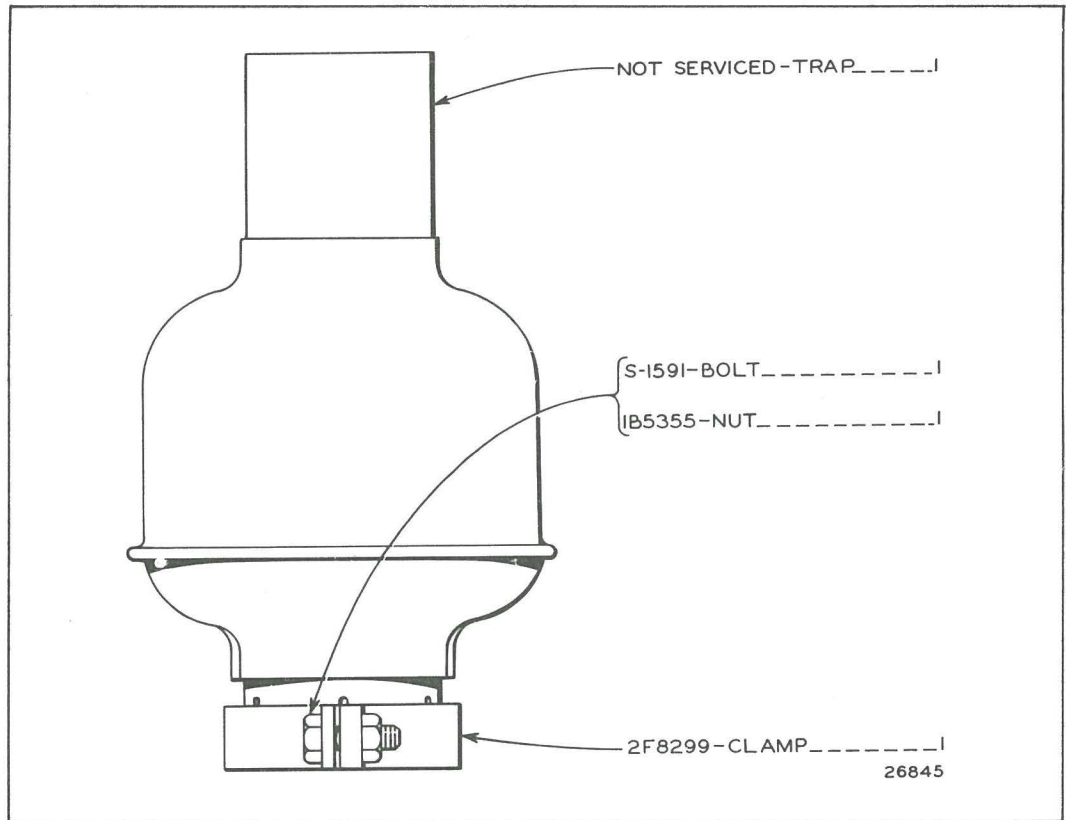


IM1395 BRAKE CONTROL GROUP—Field Installation
 Serial No. 11A1 to 11A3527 inclusive

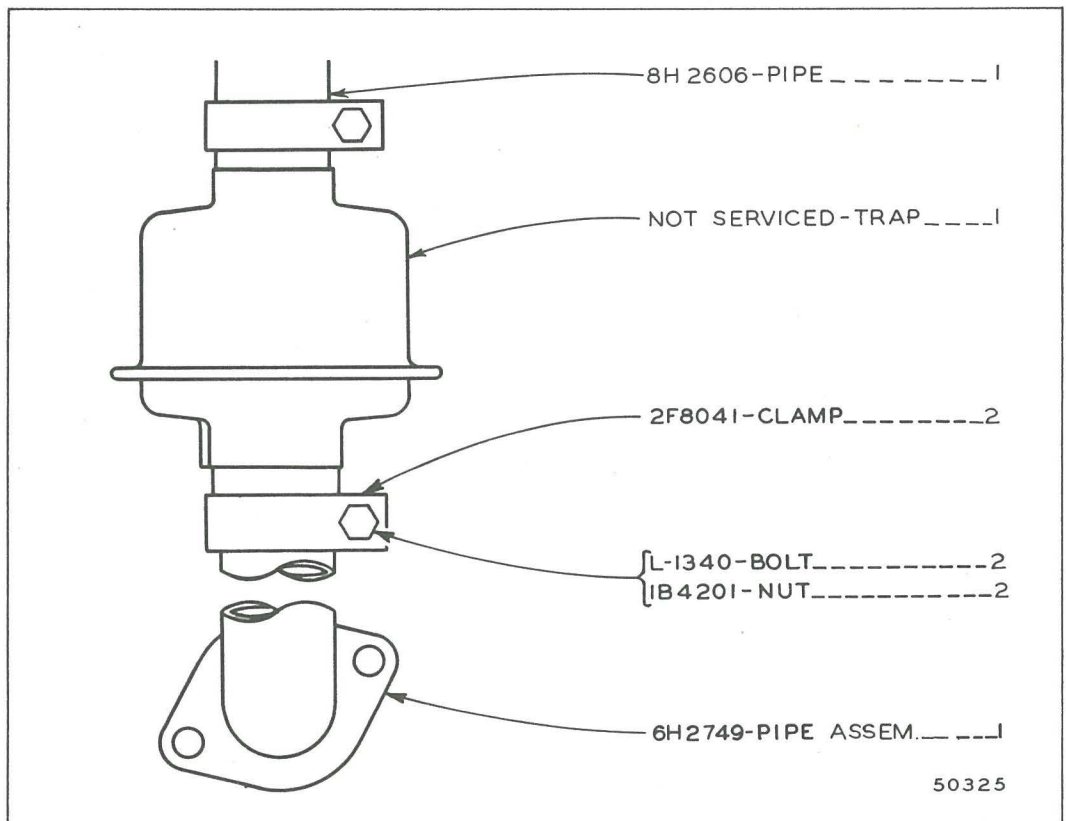


2M2480 FINAL DRIVE GROUP—Field Installation

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

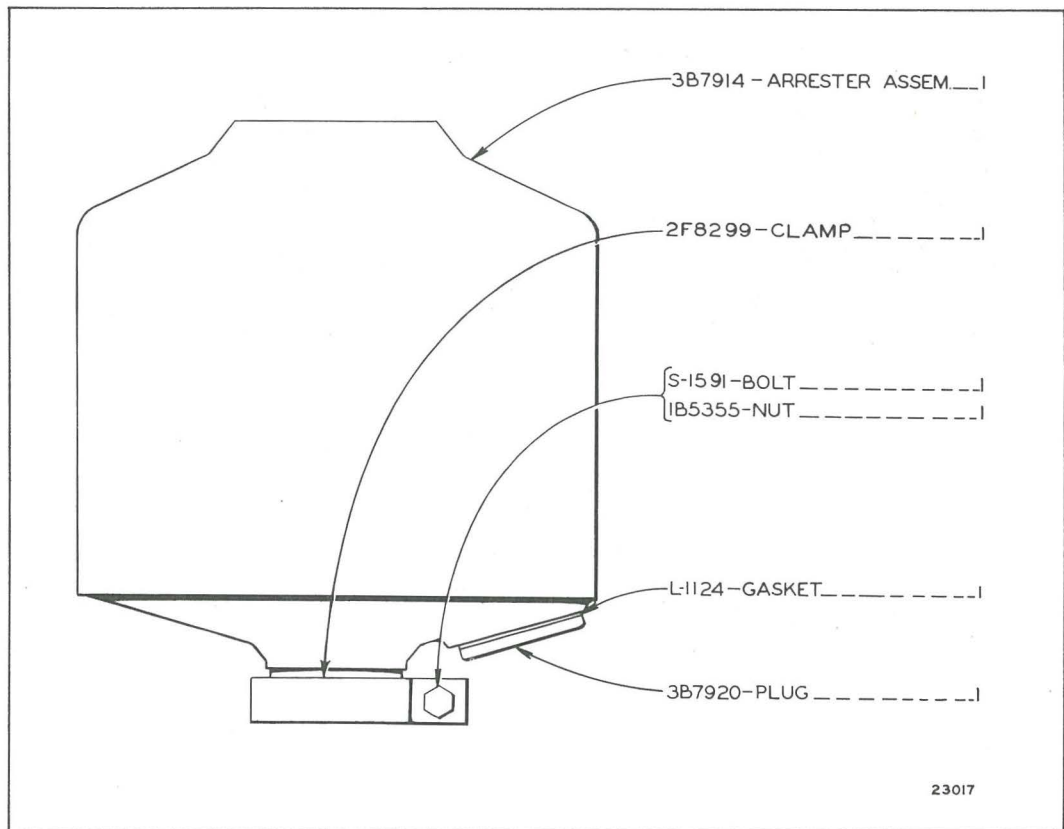


6F6521 EXHAUST RAIN TRAP GROUP—Diesel Engine

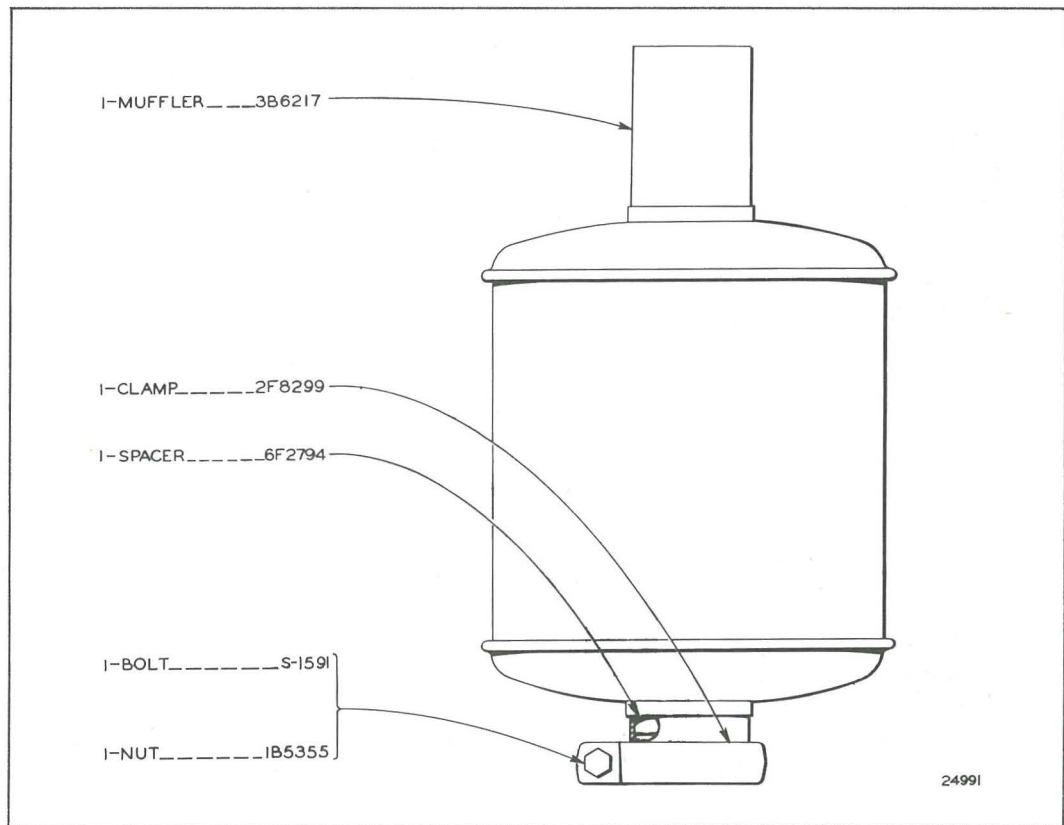


5H4807 EXHAUST RAIN TRAP GROUP—Starting Engine

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



3B2655 SPARK ARRESTER GROUP—Diesel Engine

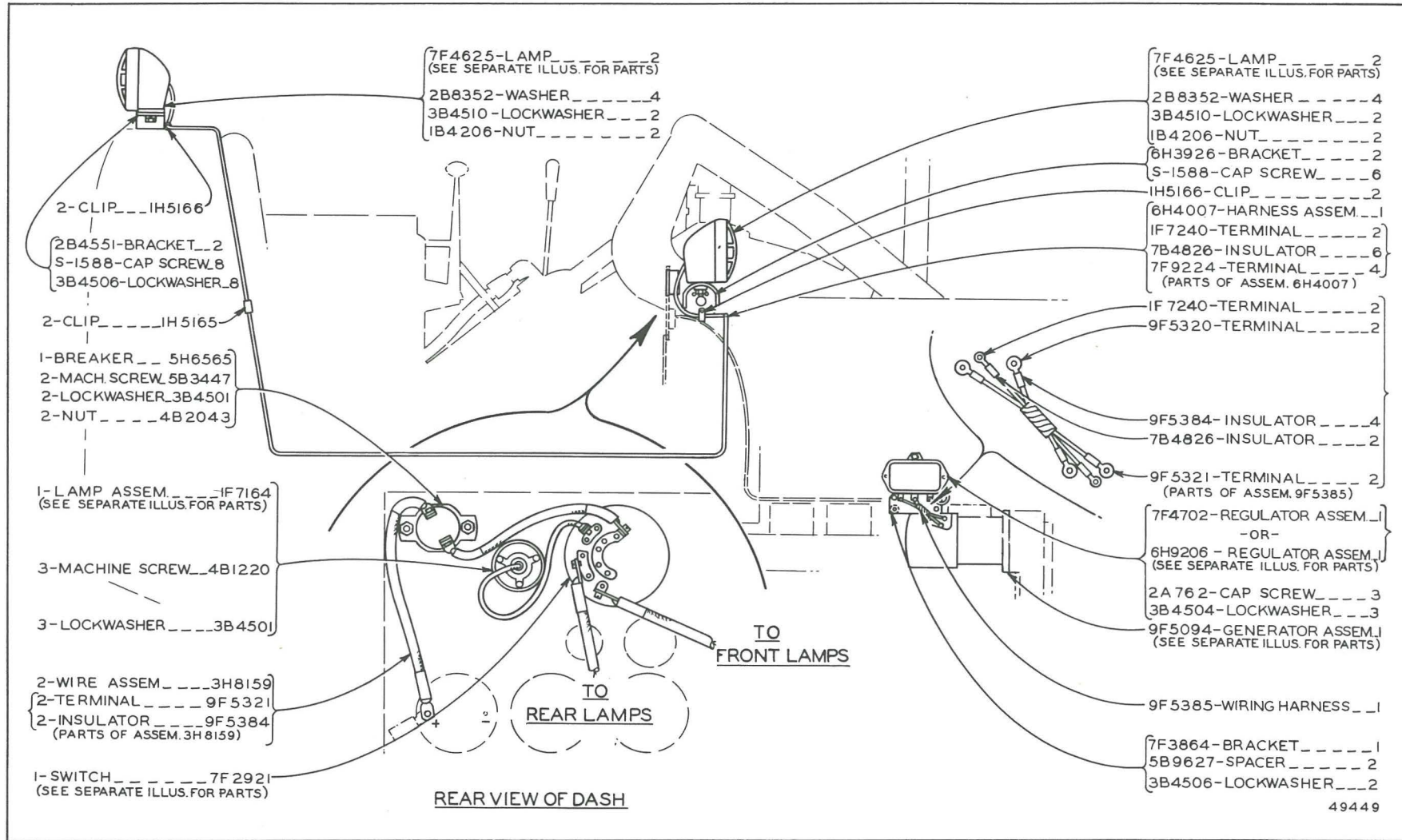


3B6232 MUFFLER GROUP—Diesel Engine

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

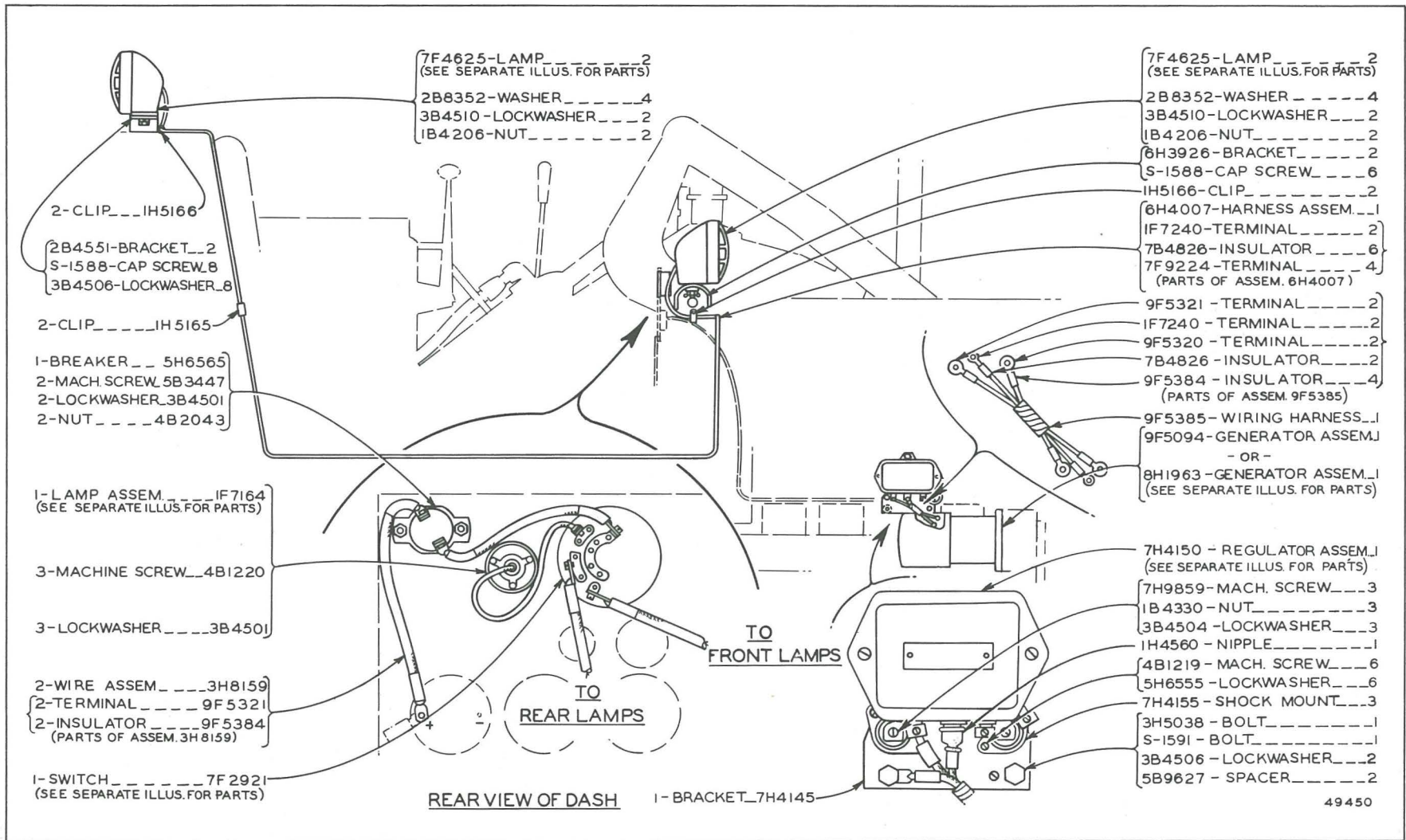
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

178 "CATERPILLAR" NO. 933 TRAXCAVATOR



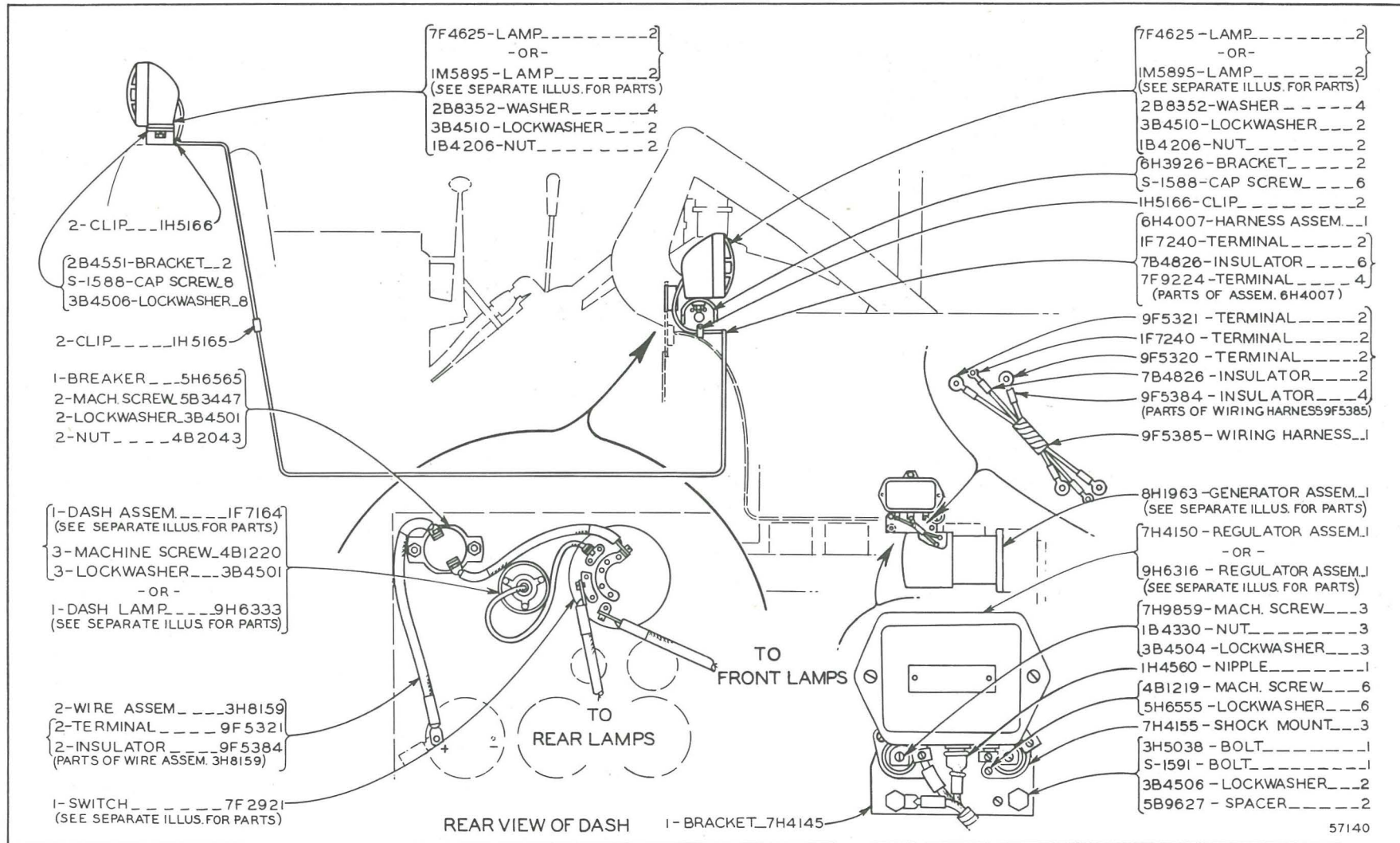
6H3995 LIGHTING SYSTEM GROUP—6 Volt—Four Lamp—First Type

9F5094 Generator, 7F4702, 6H9206 Regulator, 7F2921 Switch, 1F7164 Dash Lamp Assembly and 7F4625 Lamp Assembly parts are shown on Pages 183, 191, 192, 197 and 198



6H3995 LIGHTING SYSTEM GROUP—6 Volt—Four Lamp—Second Type

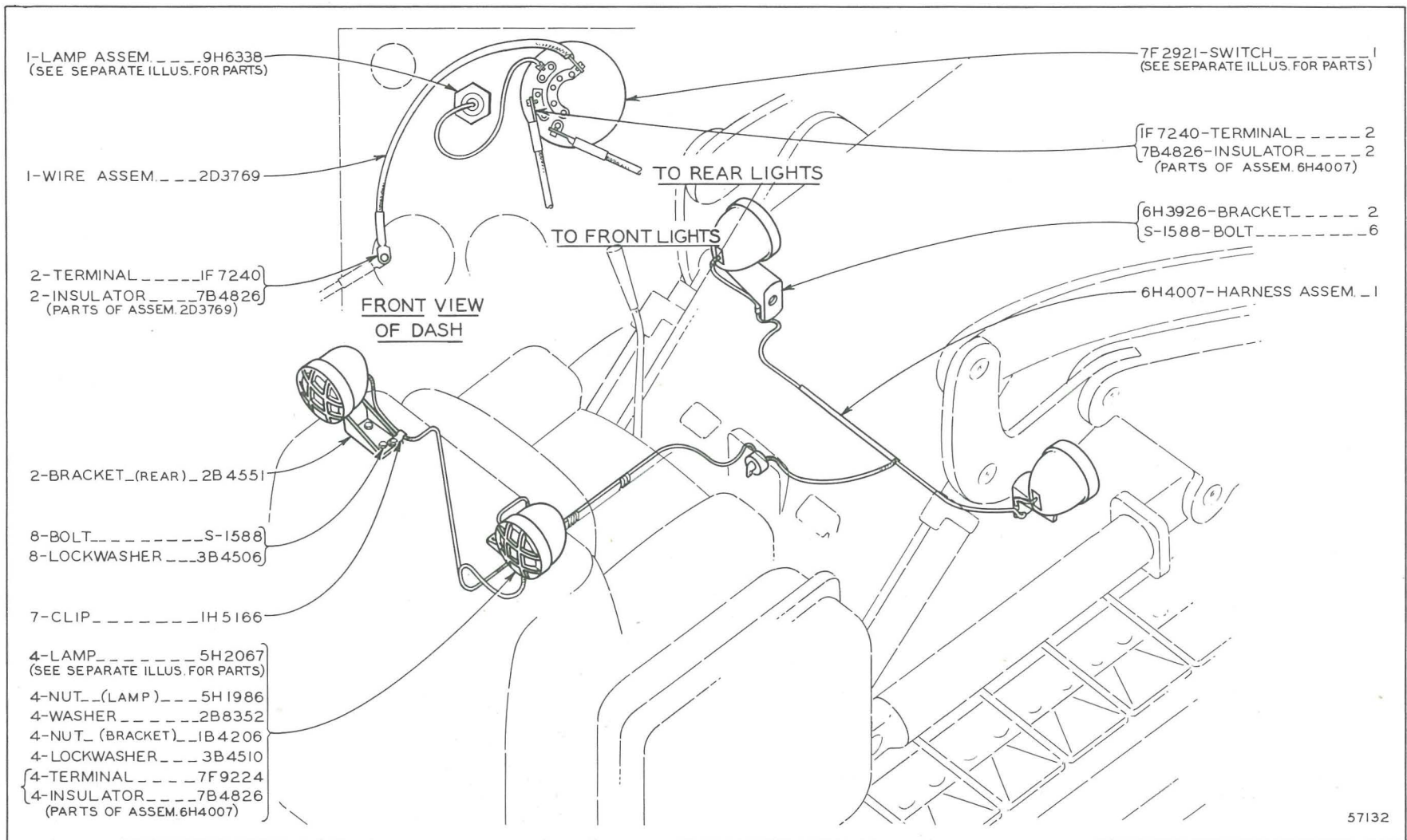
9F5094, 8H1963 Generators, 7F4150 Regulator, 7F2921 Switch, IF7164 Dash Lamp Assembly and 7F4625 Lamp Assembly parts are shown on Pages 183, 184, 189, 197 and 198



6H3995 LIGHTING SYSTEM GROUP—6 Volt—4 Lamp—Third Type

8H1963 Generator, 7H4150, 9H6316 Regulators, 7F2921 Switch, IF7164, 9H6333 Dash Lamp Assemblies
 7F4625 Head Lamp and 1M5895 Flood Lamp Assembly parts are shown on Pages 184, 189, 190 and 197 through 199

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



57132

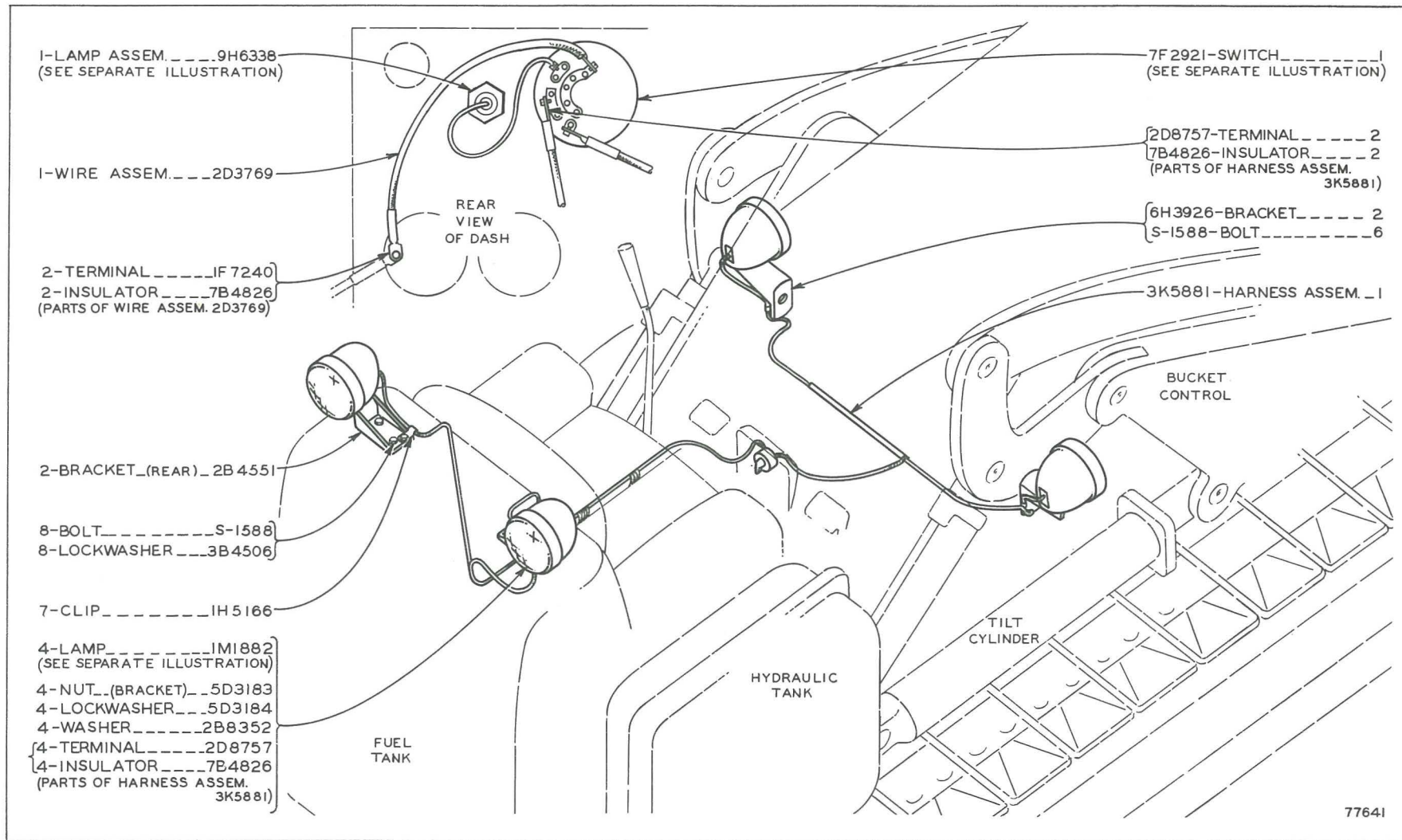
6H4020 LIGHTING SYSTEM GROUP—24 Volt—4 Lamp—Second Type

7F2921 Switch, 9H6338 Dash Lamp Assembly and 5H2067 Lamp Assembly parts are shown on Pages 197, 198A and 199

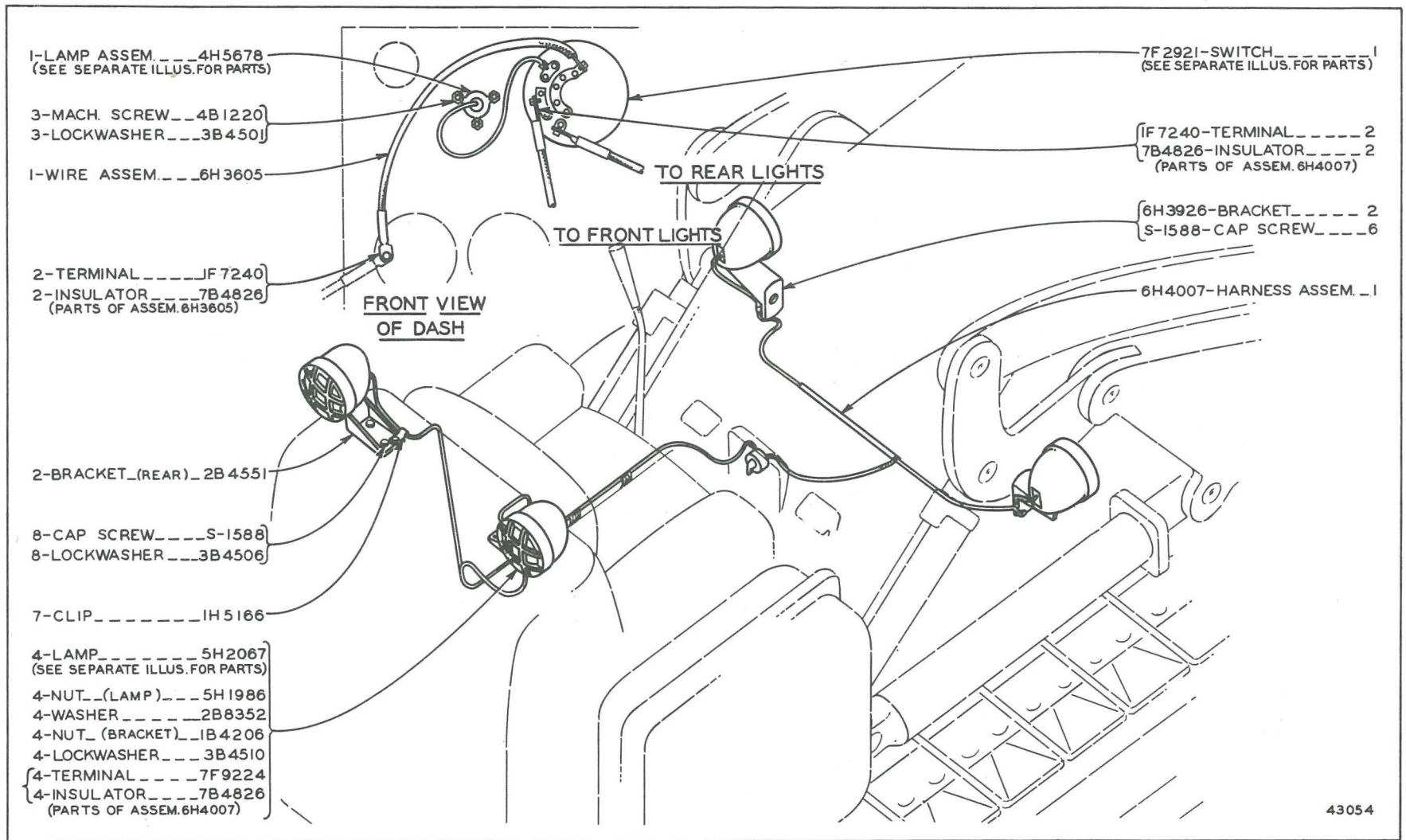
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

180B

"CATERPILLAR" NO. 933 TRAXCAVATOR

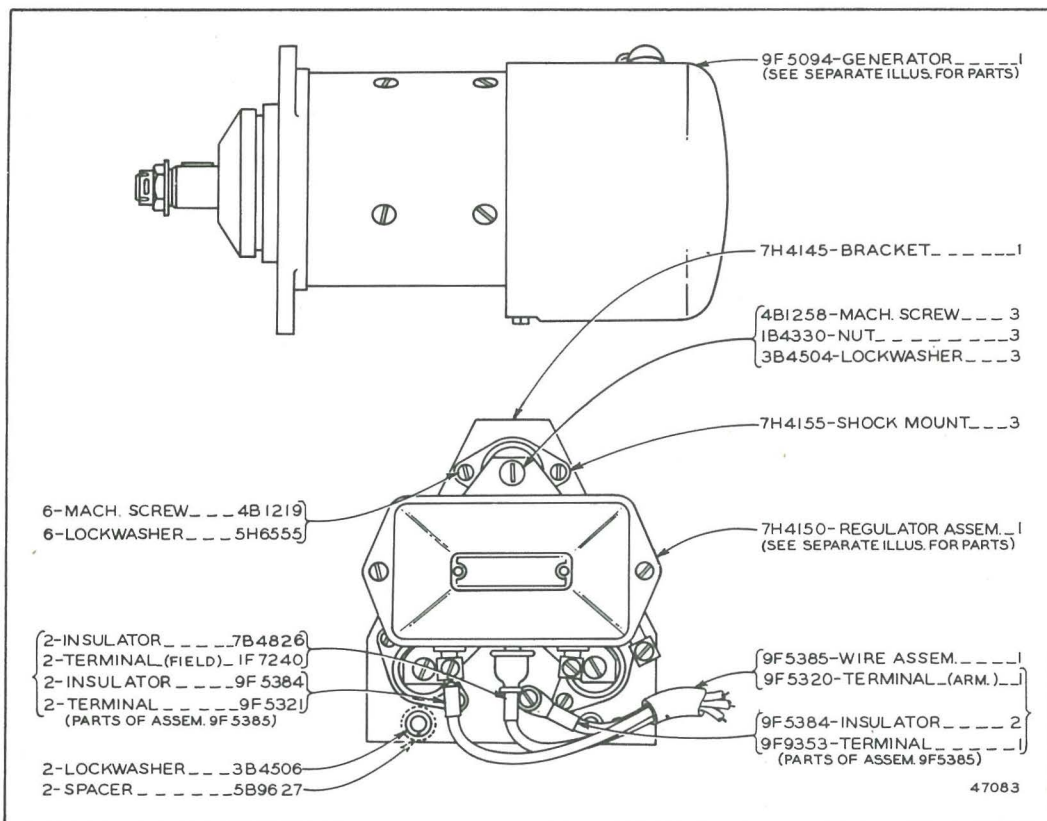


6H4020 LIGHTING SYSTEM GROUP—24 Volt—4 Lamp—Type 3
7F2921 Switch, 9H6338 Dash Lamp and 1M1882 Flood Lamp parts are shown on Pages 197, 198A and 198B

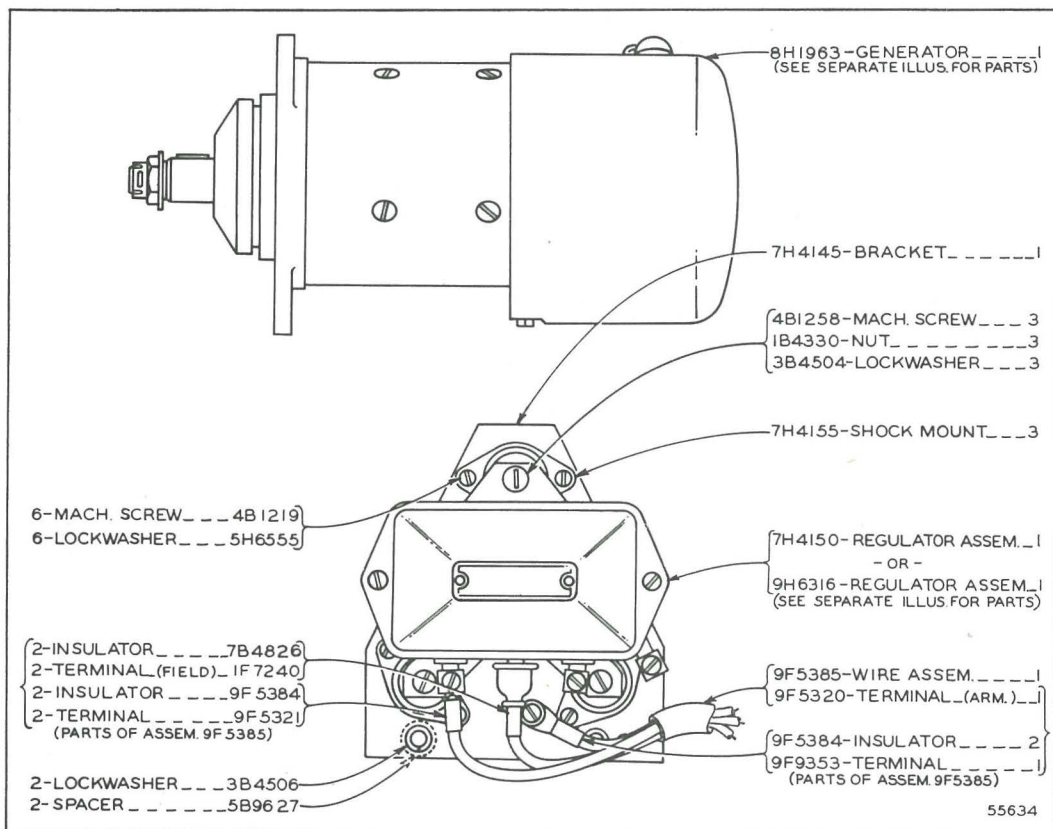


6H4020 LIGHTING SYSTEM GROUP—24 Volt—Four Lamp

7F2921 Switch, 4H5678 Dash Lamp Assembly and 5H2067 Lamp Assembly parts are shown on Pages 197, 198 and 199



7H5193 GENERATOR GROUP—6 Volt, 40 Ampere—First Type
7H4150 Regulator parts are shown on Page 189



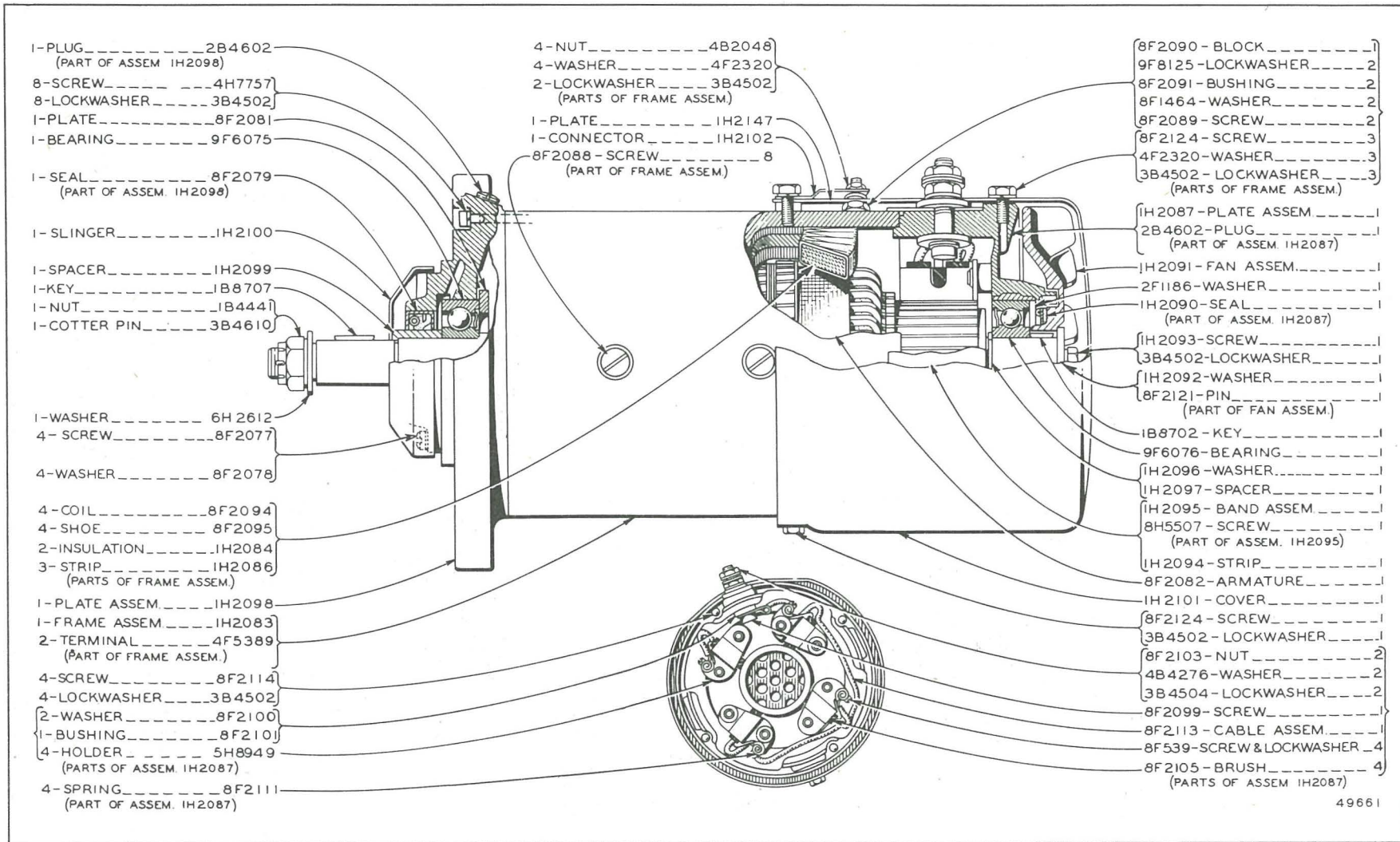
7H5193 GENERATOR GROUP—6 Volt, 40 Ampere—Second Type
8H1963 Generator, 7H4150 and 9H6316 Regulator parts are shown
on Pages 184, 189 and 190

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ATTACHMENTS

183

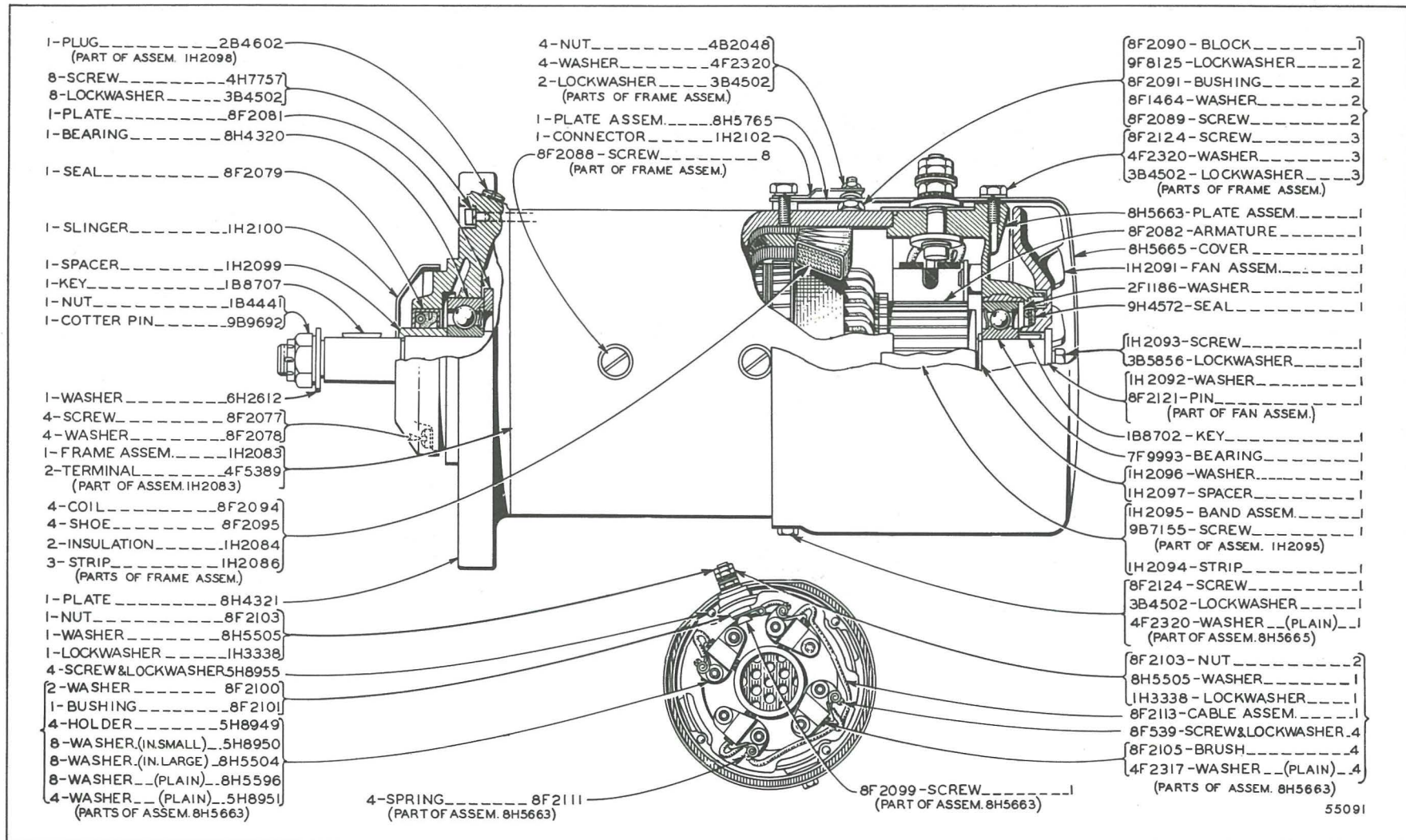


49661

9F5094 GENERATOR—6 Volt, 40 Ampere

Part of 6H3995 Lighting System Group and 7H5193 Generator Group shown on Pages 178, 179 and 182
Only separate parts serviced. When complete Generator is required order 8H1963 shown on Page 184

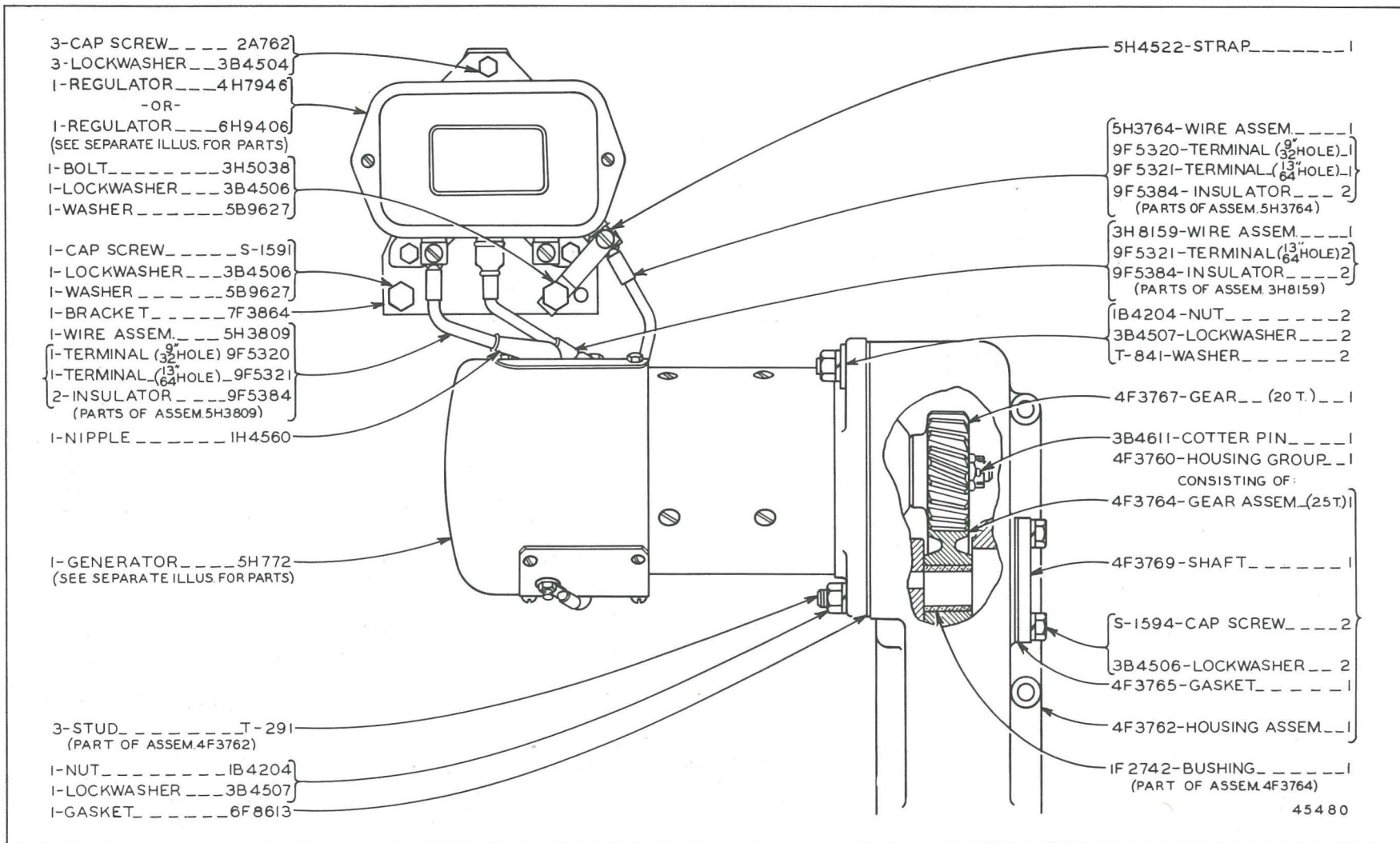
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



8H1963 GENERATOR—6 Volt, 40 Ampere

Part of 6H3995 Lighting System Group and 7H5193 Generator Group shown on Pages 179, 180 and 182

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



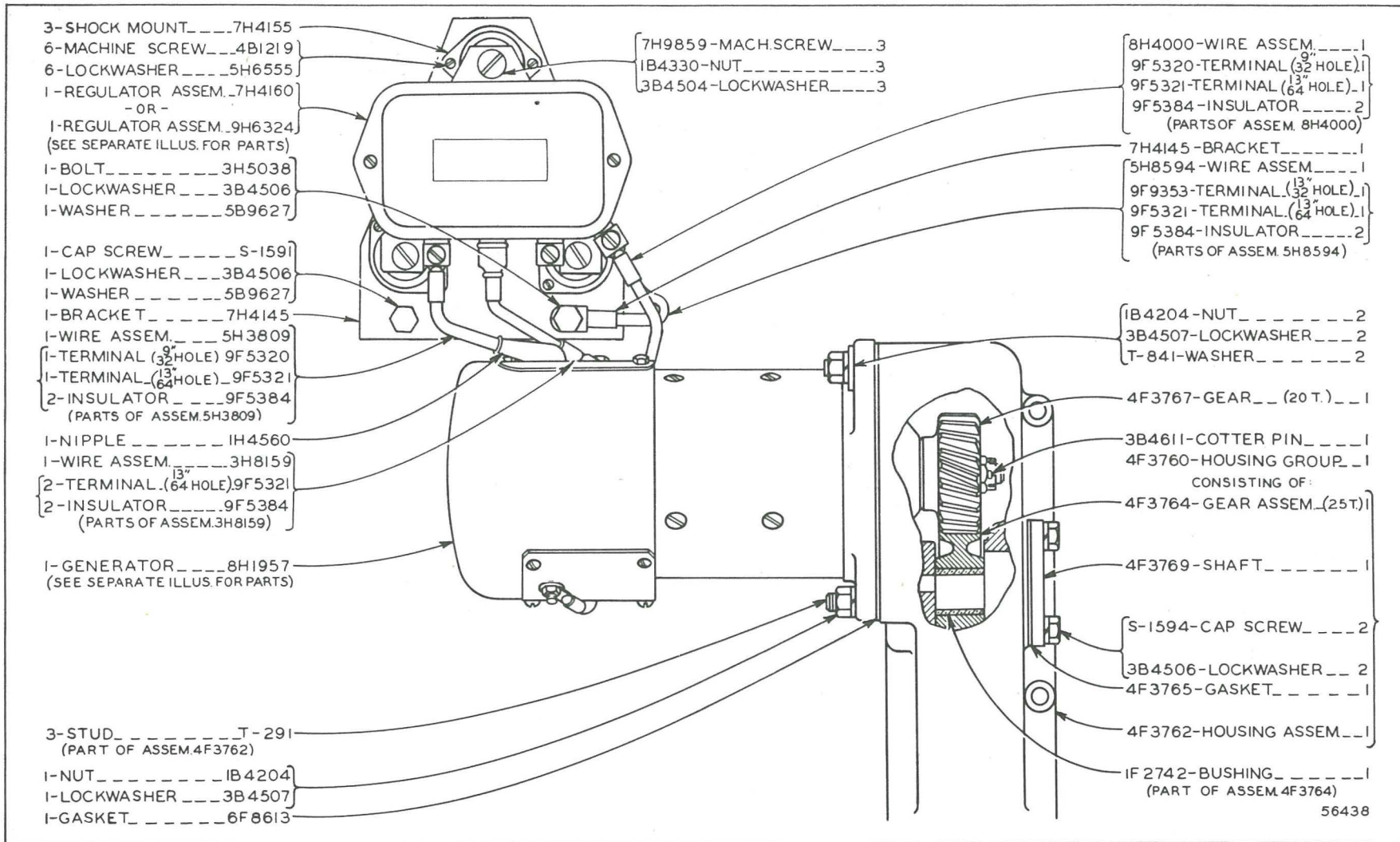
ATTACHMENTS

185

6H2718 GENERATOR GROUP—24 Volt, 18 Ampere—First Type
 Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201
 5H772 Generator, 4H7946 and 6H9406 Regulator parts are shown on Pages 187, 193 and 194

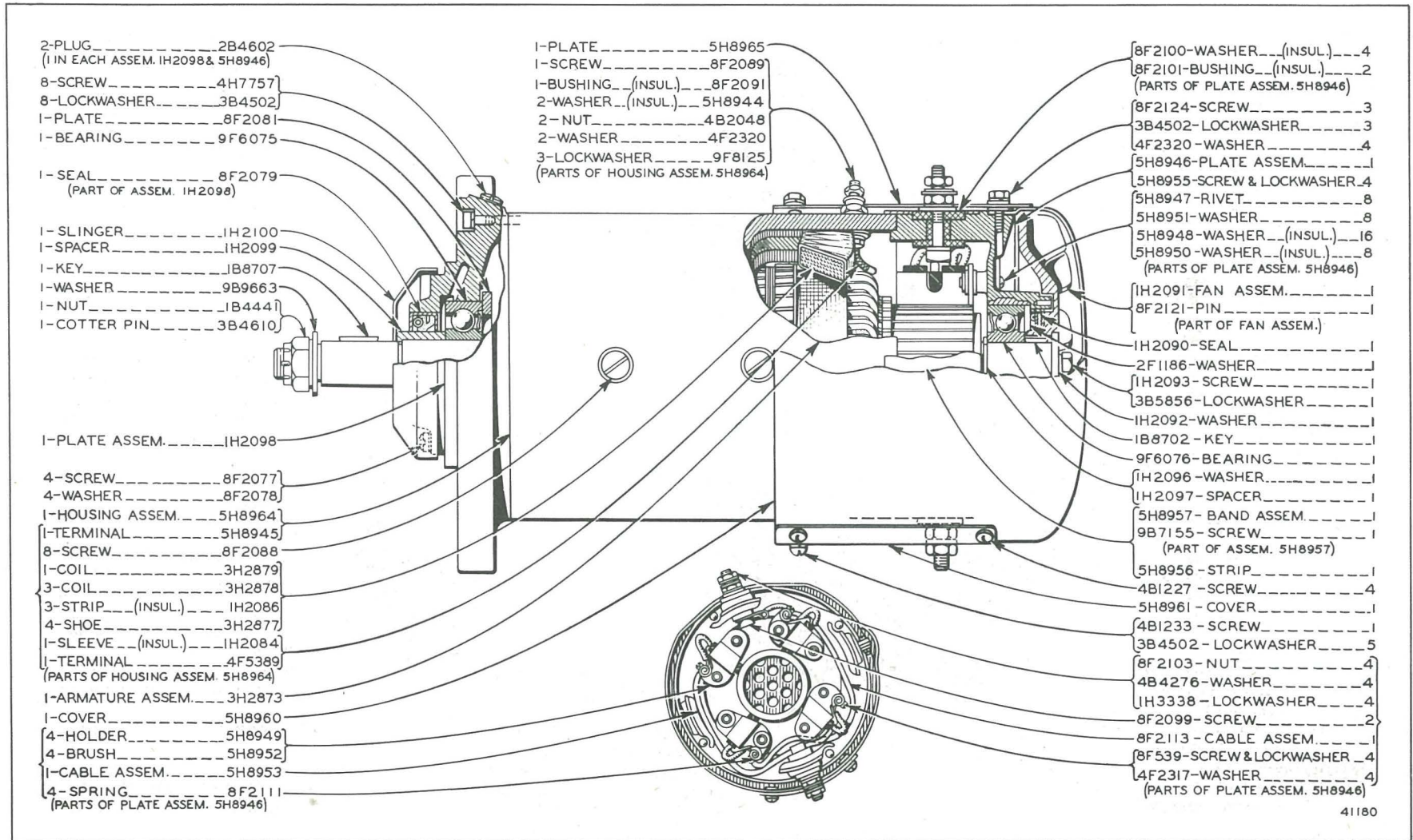
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

186 "CATERPILLAR" NO. 933 TRAXCAVATOR



6H2718 GENERATOR GROUP—24 Volt, 18 Ampere—Second Type
 Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201
 8H1957 Generator, 7H4160 and 9H6324 Regulator parts are shown on Pages 188, 195 and 196

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



ATTACHMENTS

187

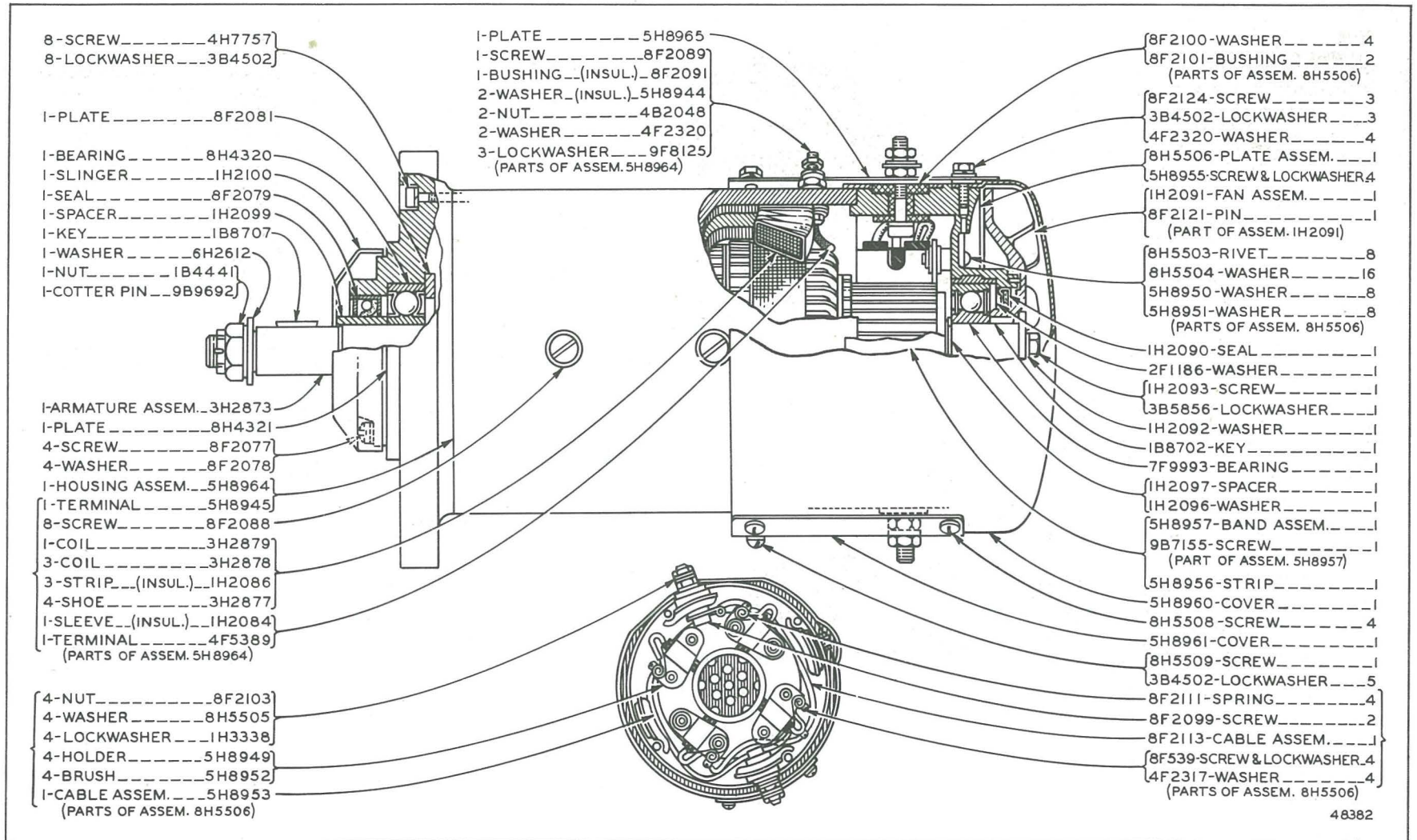
5H772 GENERATOR—24 Volt, 18 Ampere

Part of 6H2718 Generator Group shown on Page 185

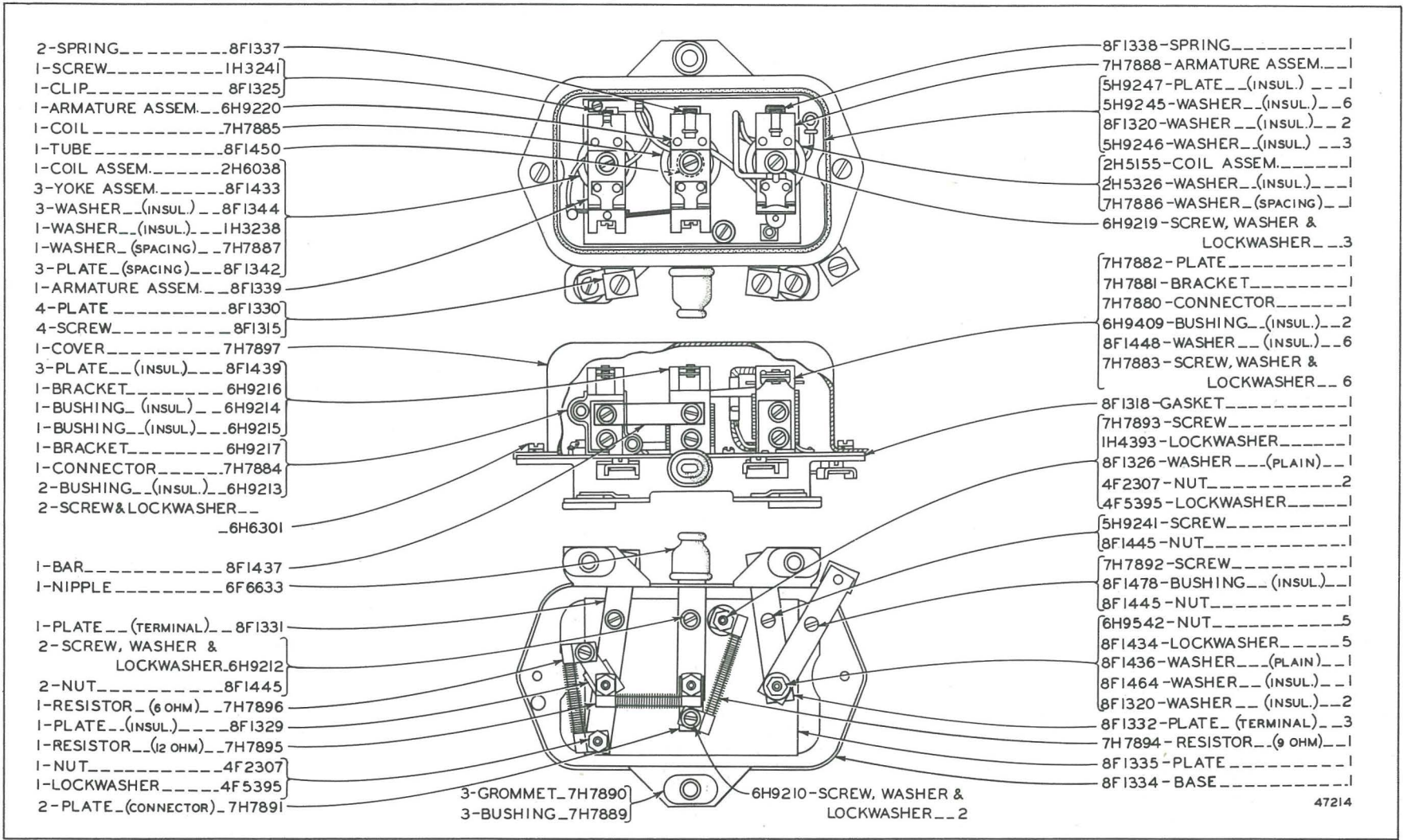
Only separate parts serviced. When complete Generator is required order 8H1957 shown on Page 188

41180

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



8H1957 GENERATOR—24 Volt, 18 Ampere
Part of 6H2718 Generator Group shown on Page 186

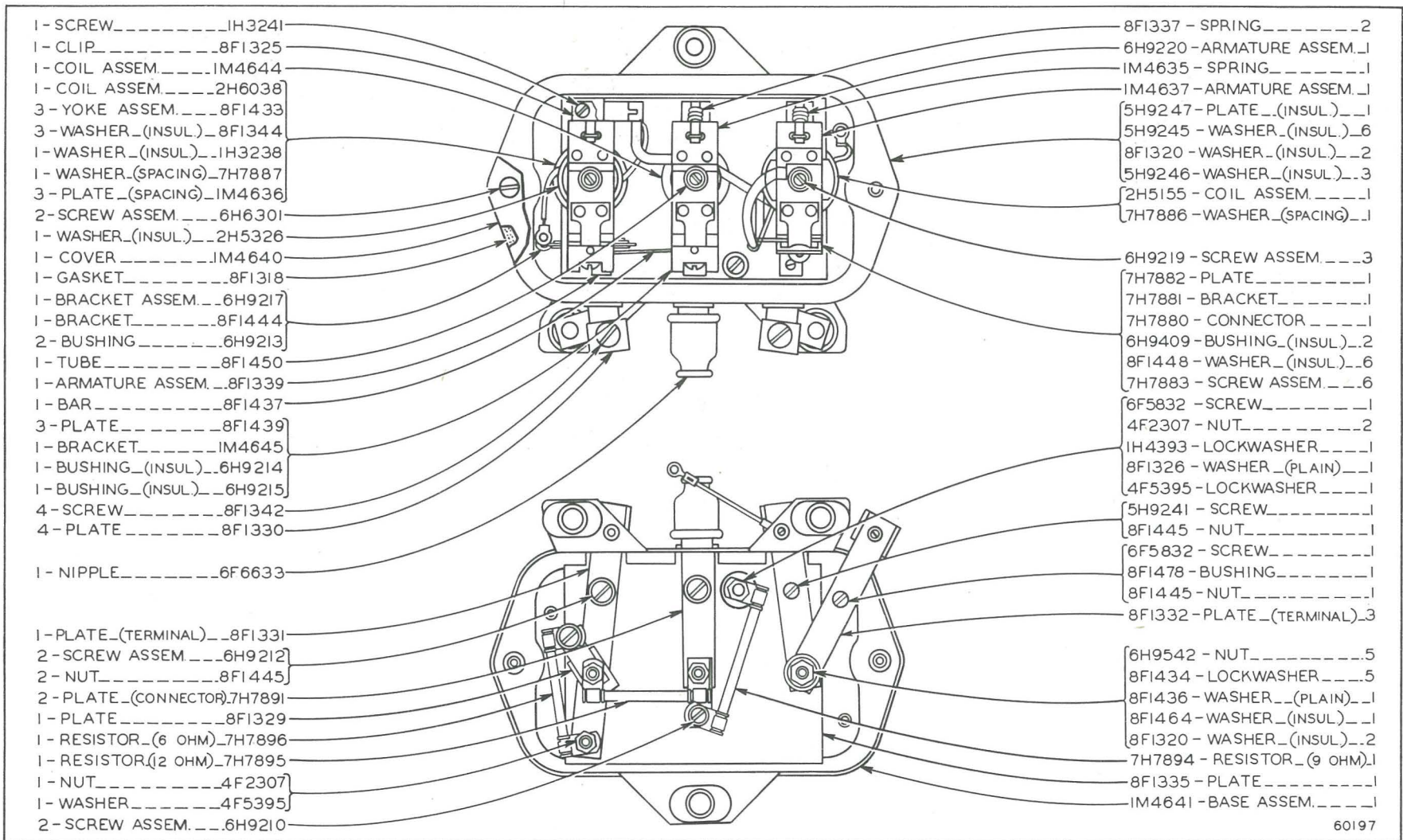


7H4150 REGULATOR—6 Volt, 40 Ampere

Part of 6H3995 Lighting System Group and 7H5193 Generator Group shown on Pages 179, 180 and 182

47214

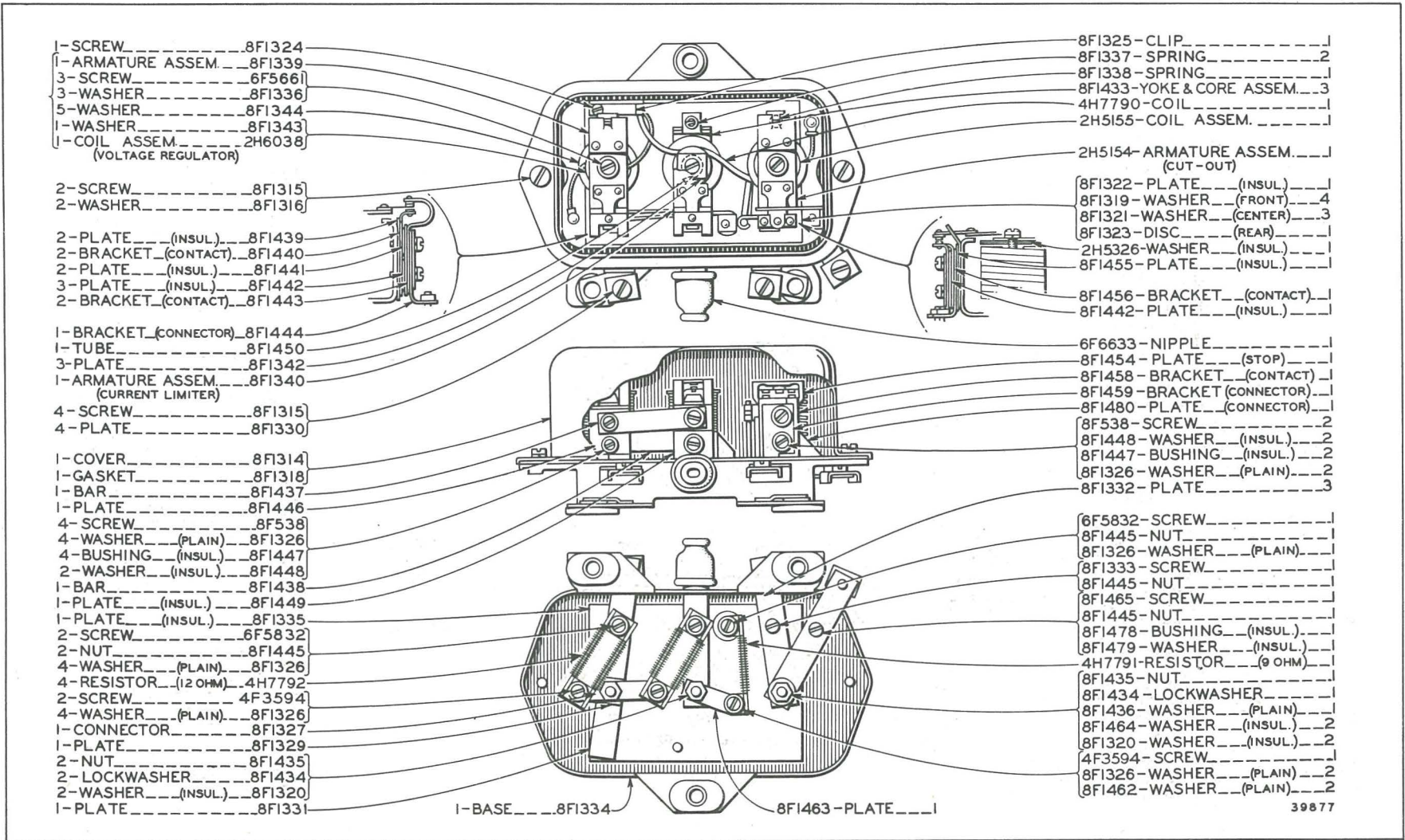
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



190 "CATERPILLAR" NO. 933 TRAXCAVATOR

60197

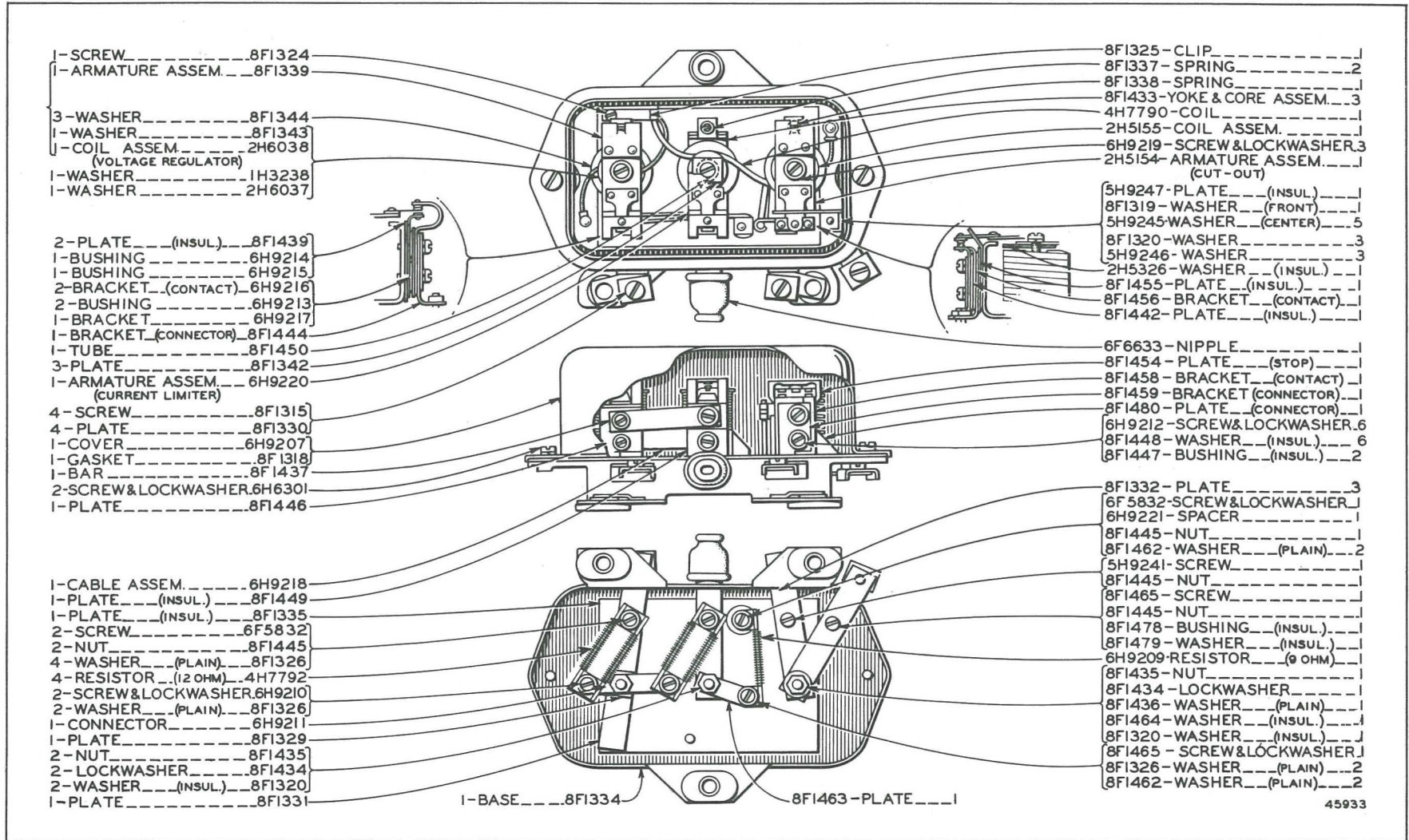
9H6316 REGULATOR—6 Volt, 40 Ampere
 Part of 6H3995 Lighting System Group and 7H5193 Generator Group shown on Pages 180 and 182



7F4702 REGULATOR—6 Volt, 40 Ampere
 Part of 6H3995 Lighting System Group shown on Page 178
 Only separate parts serviced. When complete Regulator is required order 6H9206 shown on Page 192

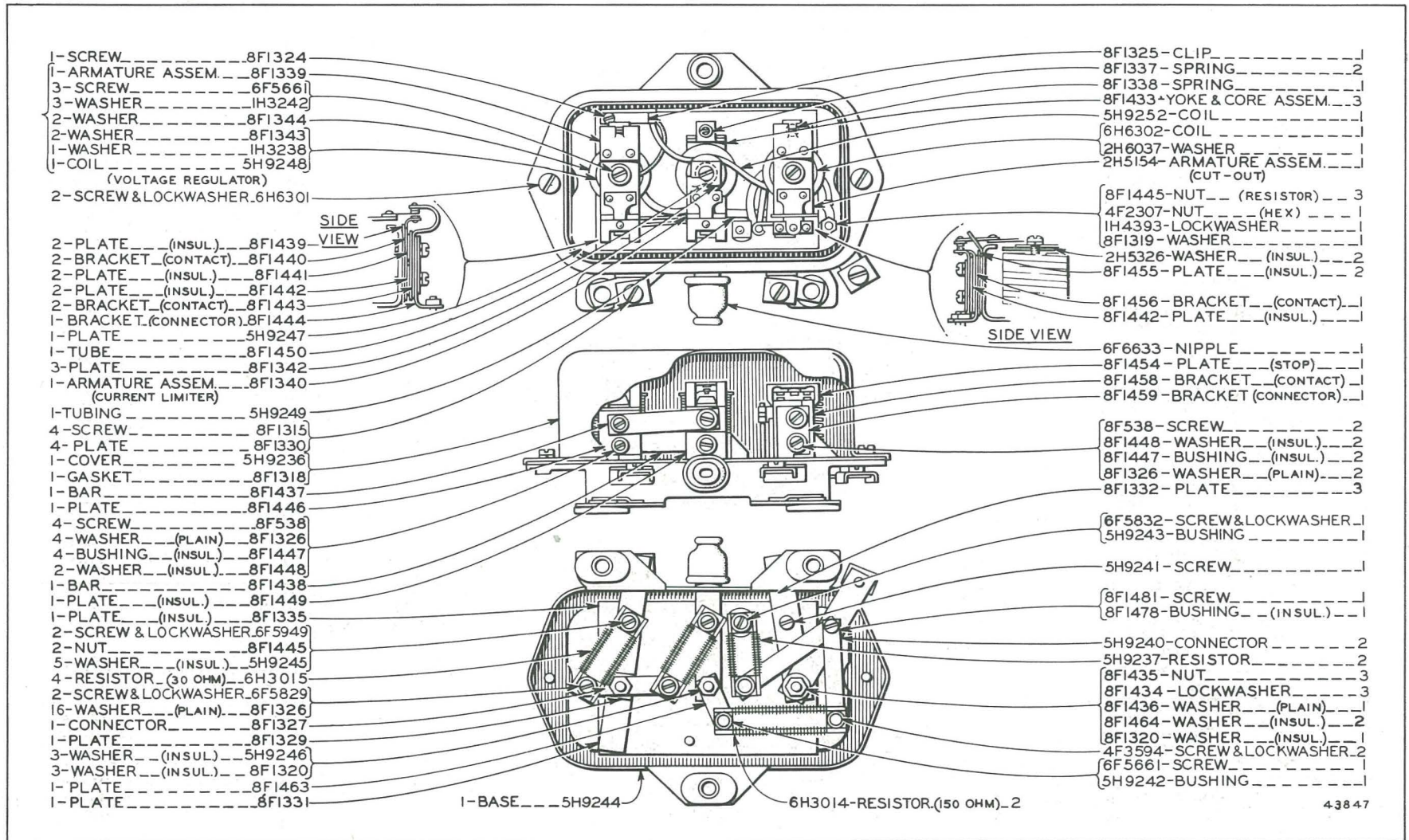
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

192 "CATERPILLAR" NO. 933 TRAXCAVATOR



45933

6H9206 REGULATOR—6 Volt, 40 Ampere
 Part of 6H3995 Lighting System Group shown on Page 178



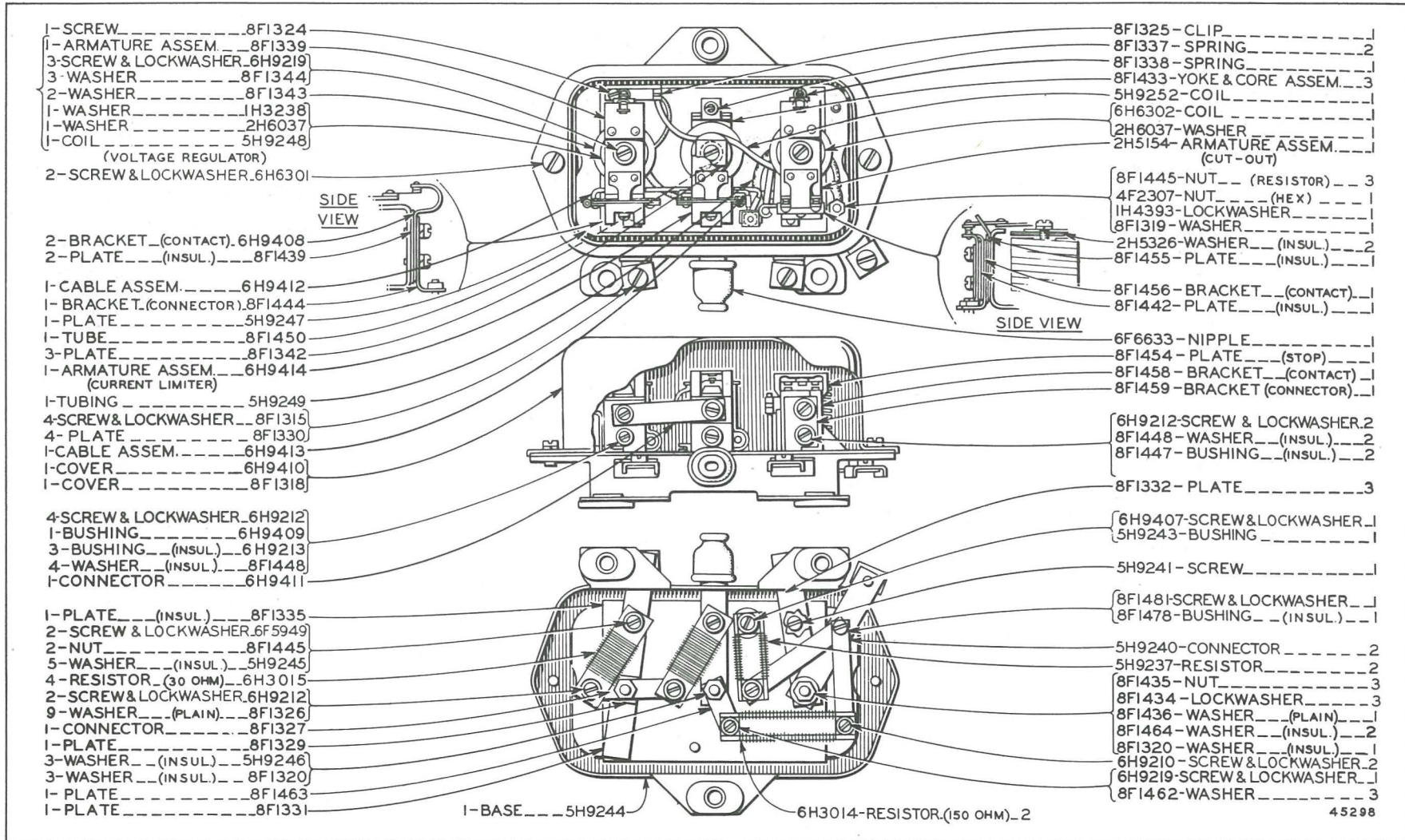
4H7946 REGULATOR—24 Volt, 18 Ampere

Part of 6H2718 Generator Group shown on Page 185

Only separate parts serviced. When complete Regulator is required order 7H4160 shown on Page 195

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

194 "CATERPILLAR" NO. 933 TRAXCAVATOR

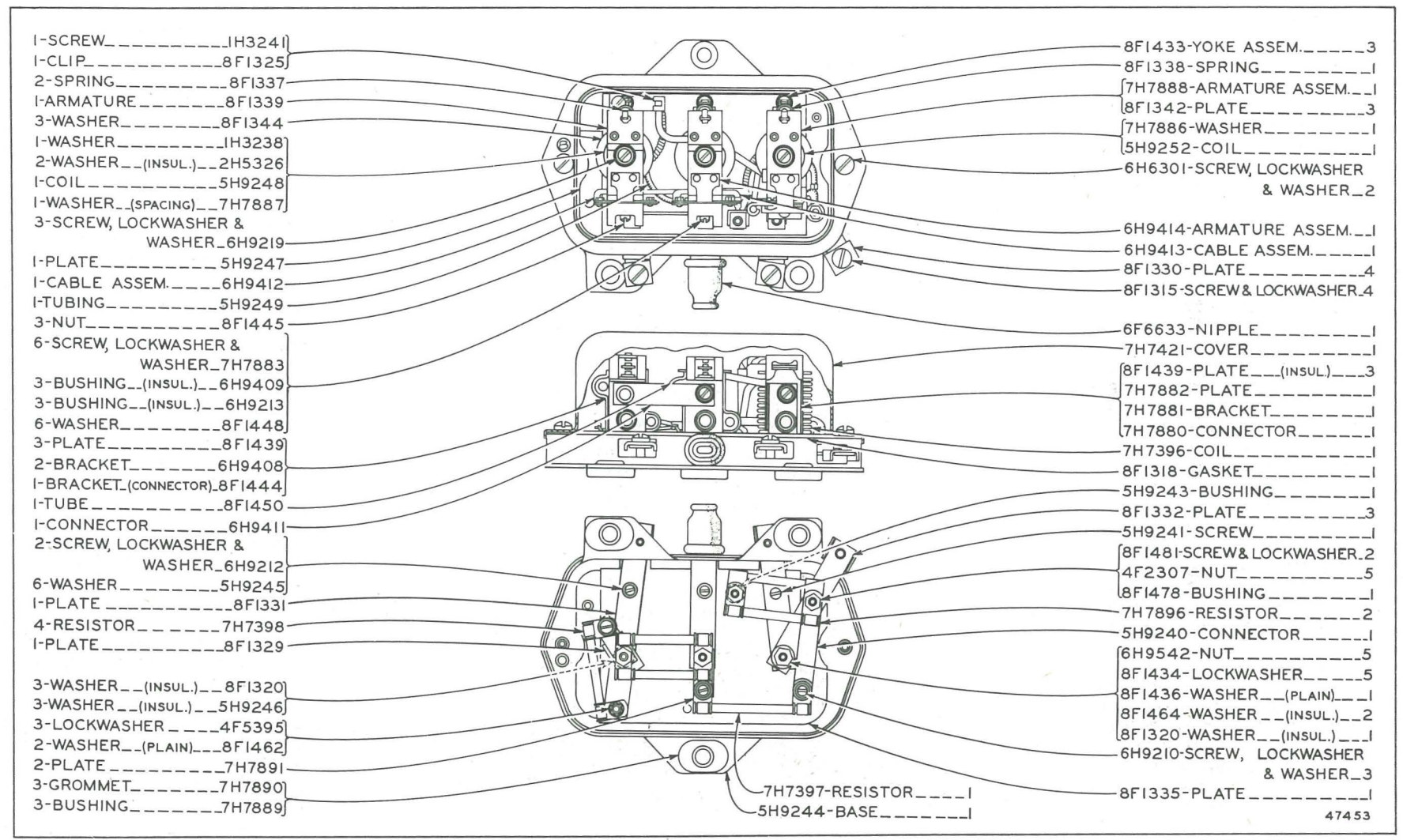


6H9406 REGULATOR—24 Volt, 18 Ampere

Part of 6H2718 Generator Group shown on Page 185

Only separate parts serviced. When complete Regulator is required order 7H4160

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



7H4160 REGULATOR—24 Volt, 18 Ampere
Part of 6H2718 Generator Group shown on Page 186

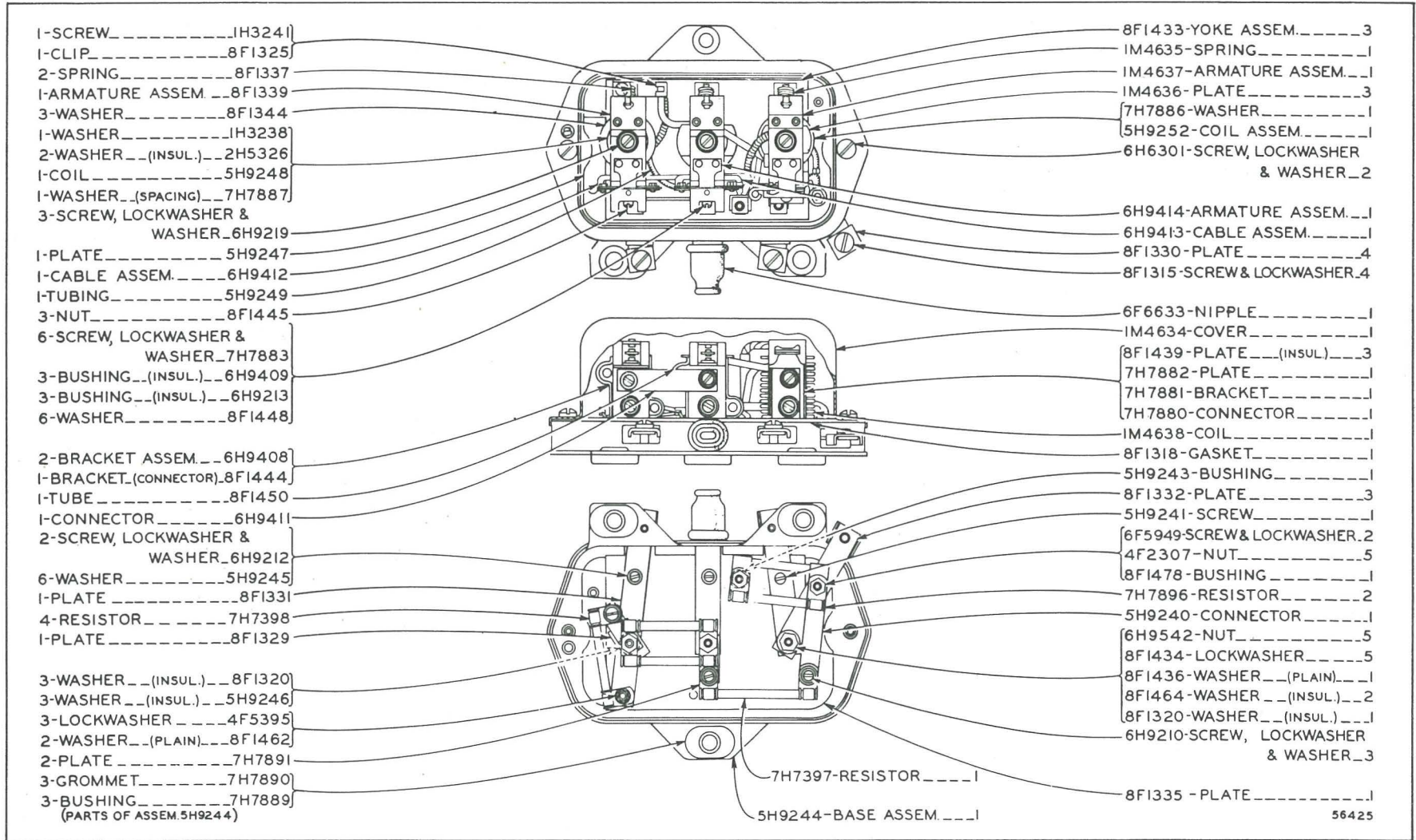
474 53

ATTACHMENTS

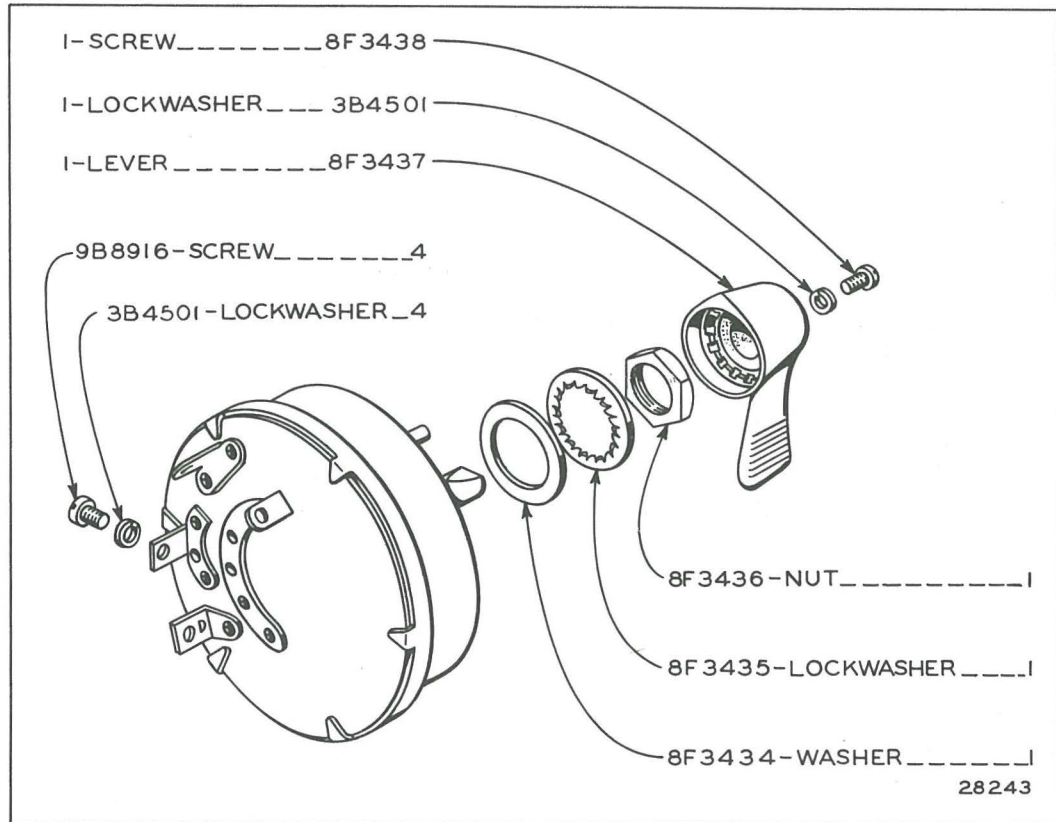
195

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

196 "CATERPILLAR" NO. 933 TRAXCAVATOR

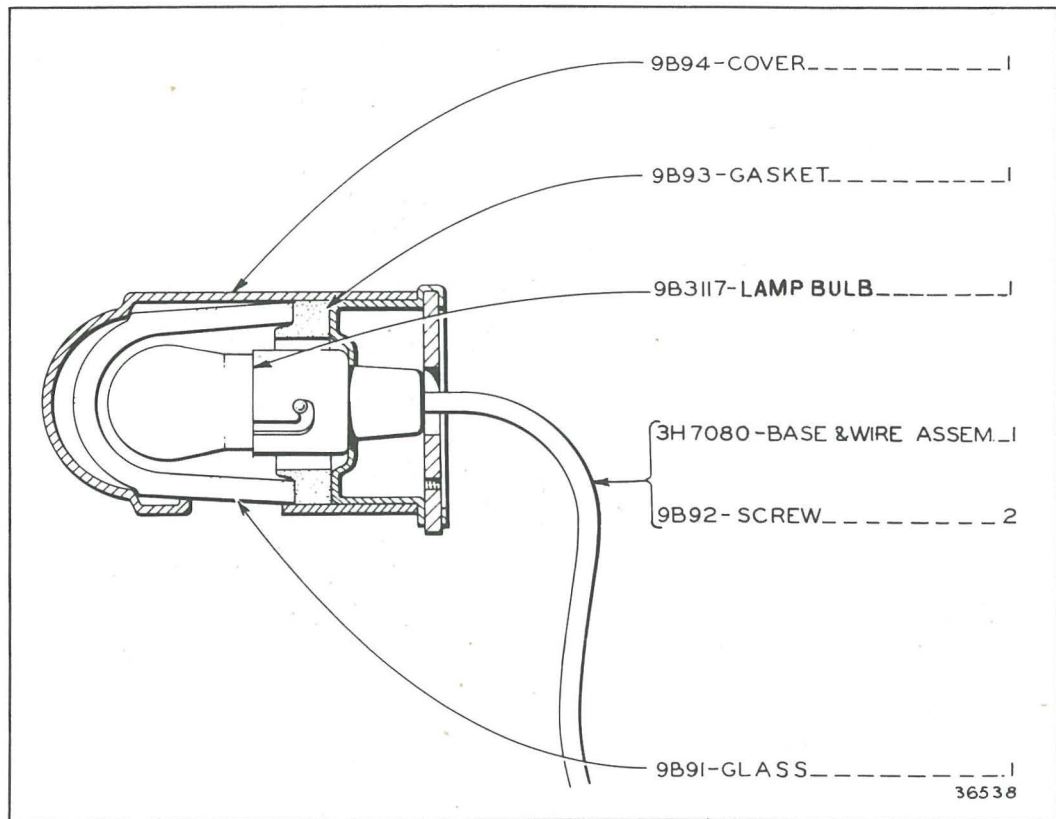


9H6324 REGULATOR—24 Volt, 18 Ampere
 Part of 6H2718 Generator Group shown on Page 186



7F2921 SWITCH

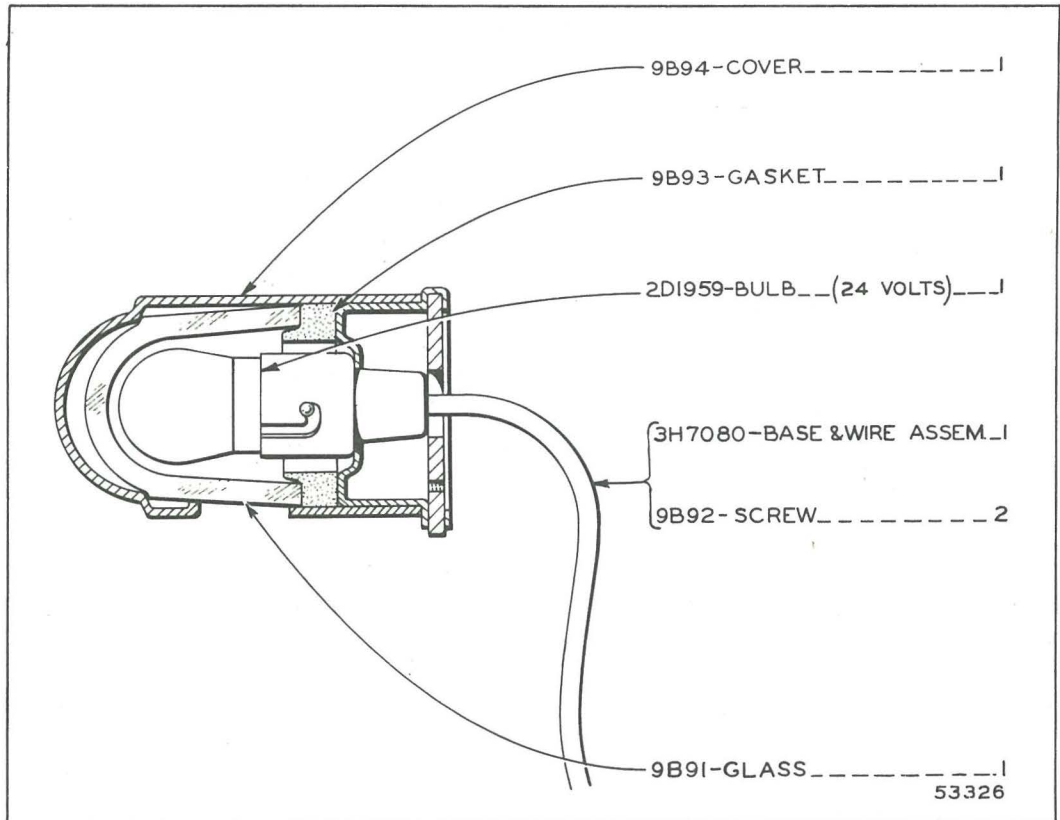
Part of 6H3995 and 6H4020 Lighting System Groups shown on Pages 178, 179, 180 and 181



1F7164 DASH LAMP ASSEMBLY—6 Volt

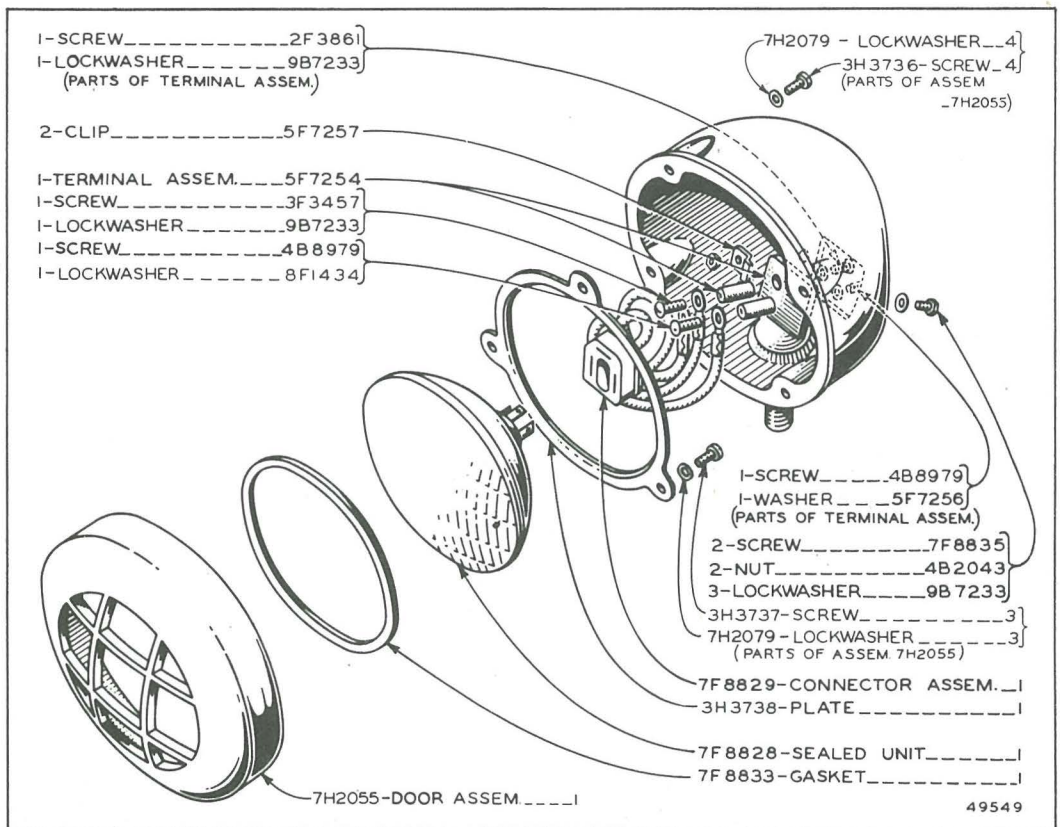
Part of 6H3995 Lighting System Group shown on Pages 178, 179 and 180

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



4H5678 DASH LAMP ASSEMBLY—24 Volt

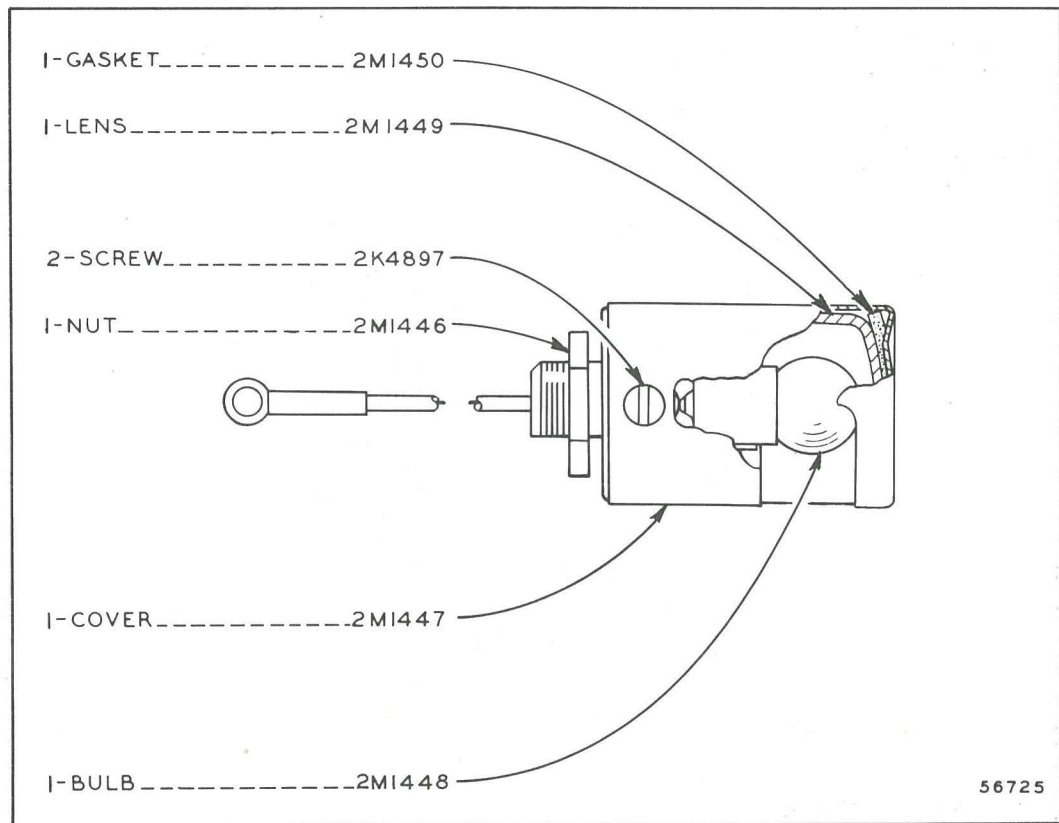
Part of 6H4020 Lighting System Group shown on Page 181



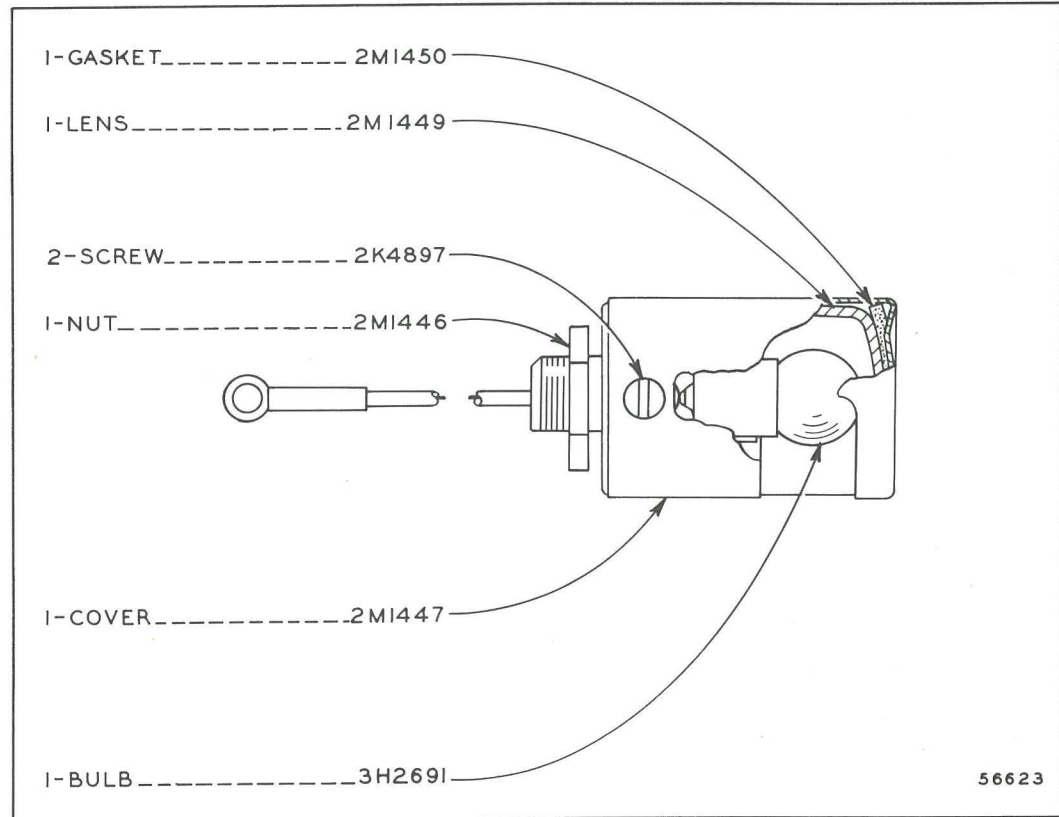
7F4625 LAMP ASSEMBLY—6 Volt

Part of 6H3995 Lighting System Group shown on Pages 178, 179 and 180
 Only separate parts serviced. When complete Lamp is required order 1M5895

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

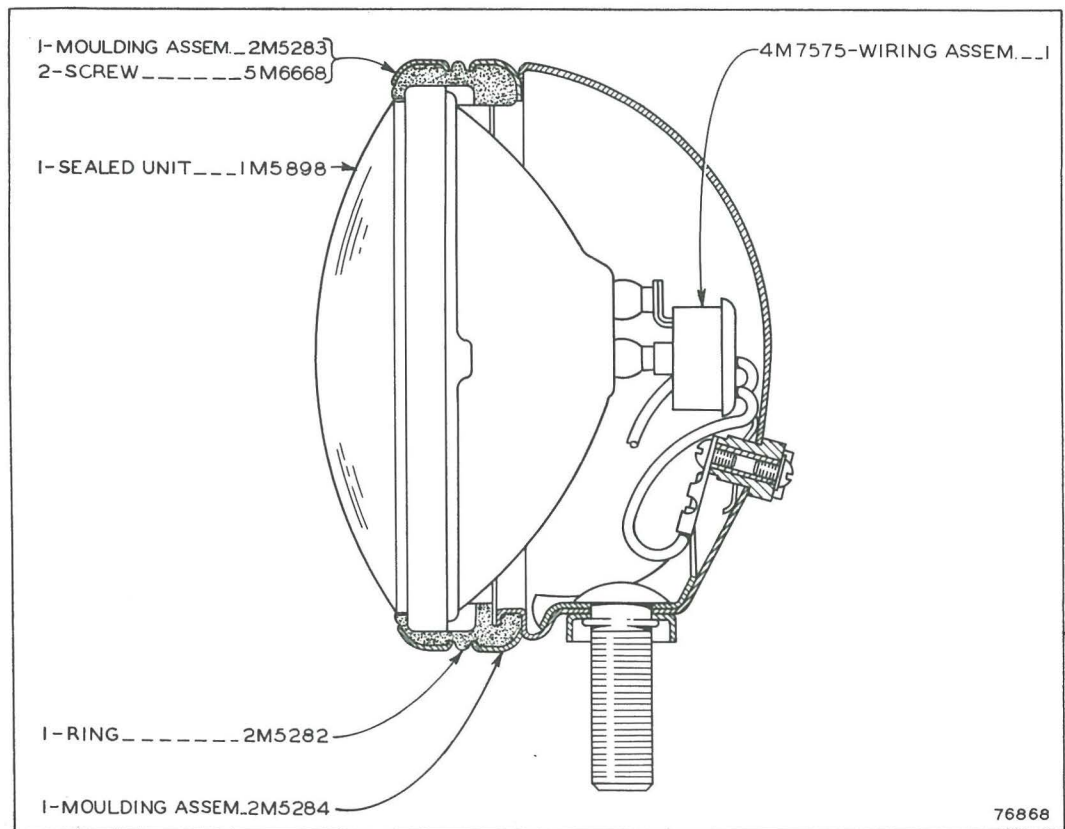


9H6333 DASH LAMP ASSEMBLY—6 Volt
Part of 6H3995 Lighting System Group shown on Page 180

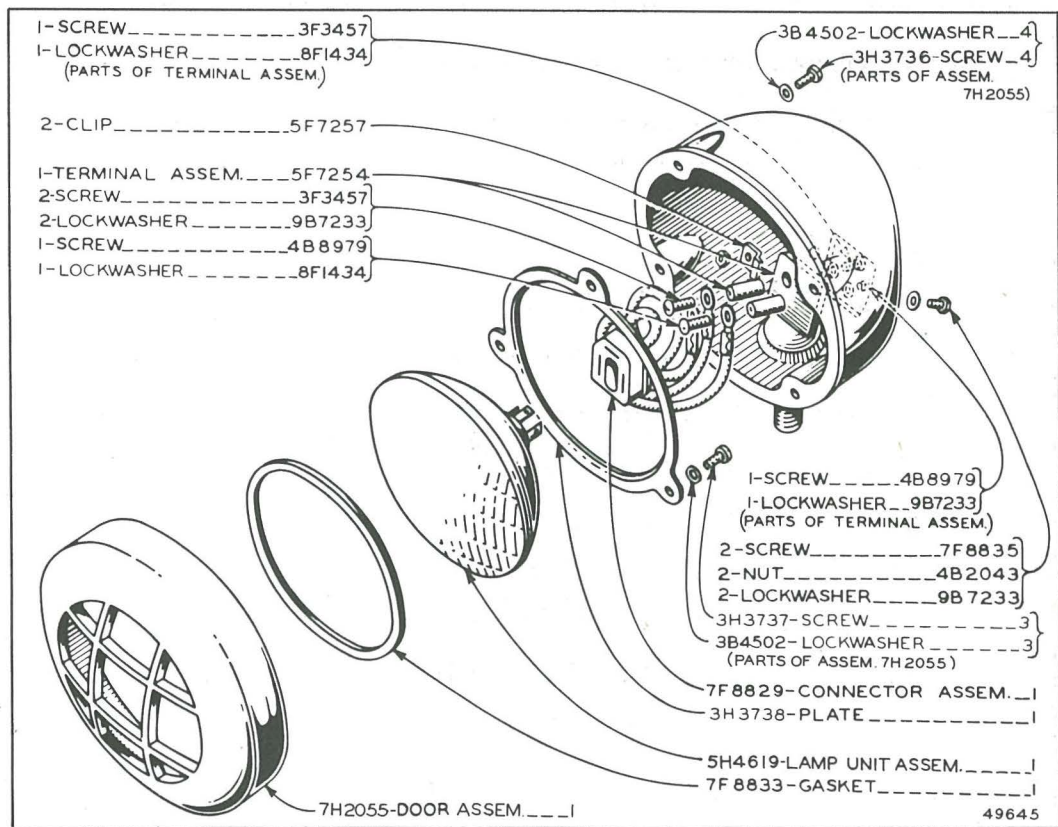


9H6338 DASH LAMP ASSEMBLY—24 Volt
Part of 6H4020 Lighting System Group shown on Pages 180A and 180B

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

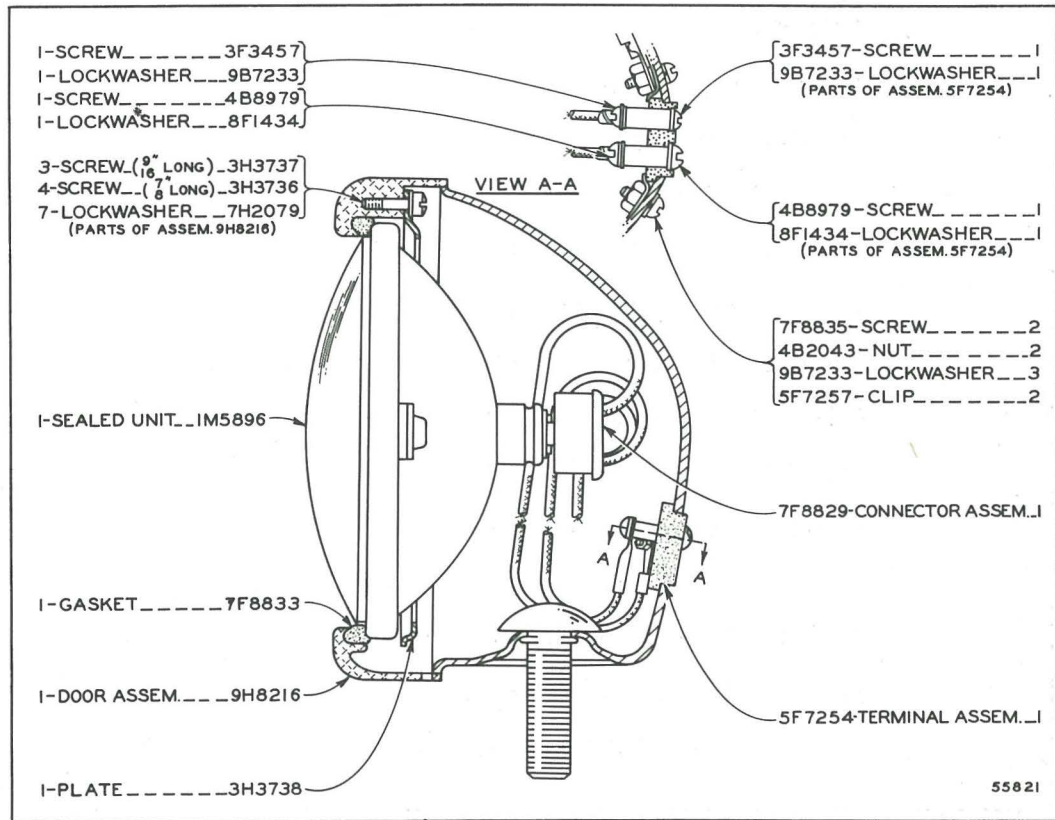


1M1882 FLOOD LAMP ASSEMBLY—24 Volt
Part of 6H4020 Lighting System Group shown on Page 180B



5H2067 LAMP ASSEMBLY—24 Volt

Part of 6H4020 Lighting System Group shown on Page 181



IM5895 LAMP ASSEMBLY—6 Volt

Part of 6H3995 Lighting System Group shown on Page 180

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

5H6700 Electric Starting Arrangement—24 Volt

Only separate parts serviced. When complete Arrangement is required order 6H9161

Consists of:		Page
1	5H6032 Glow Plug Group.....	206
1	6H1009 Starting Motor Group.....	202
1	6H2718 Generator Group	185
1	6H3734 Battery and Wiring Group.....	208
3	1A2029 Cap Screw—Governor Control Bracket to Manifold	
6	1B4203 Nut—Cover to Flywheel Housing	
1	3B623 Core Plug—Flywheel Housing Pinion Shaft Hole	
13	3B4506 Lockwasher— $\frac{3}{8}$ "	
1	3B8485 Fitting—Bellcrank Shaft	
1	4B9352 Cover—Flywheel Housing	
1	4B9354 Gasket—Flywheel Housing Cover	
1	4F2654 Gasket—Water Hole Cover	
1	4F3308 Cover—Water Hole	
1	9F6656 Ring—Bellcrank Shaft	
1	1H5656 Wrench—Glow Plug	
1	2H7479 Wrench—Glow Plug	
1	4H9259 Bracket Assembly—Governor Control	
1	5H6065 Manifold Assembly—Inlet	
1	6H3737 Plate Assembly—Dash R.H.	
1	6H3738 Plate Assembly—Dash L.H.	
1	1K485 Washer—Between Bellcrank and Ring	
2	L-1351 Cap Screw—Cover to Flywheel Housing	
2	S-1594 Cap Screw—Water Hole Cover	
1	5H7794 Transfer—Starting Instructions	
1	Direct Electric Starting Instructions Form 31262	

5H6700 ELECTRIC STARTING ARRANGEMENT—24 Volt

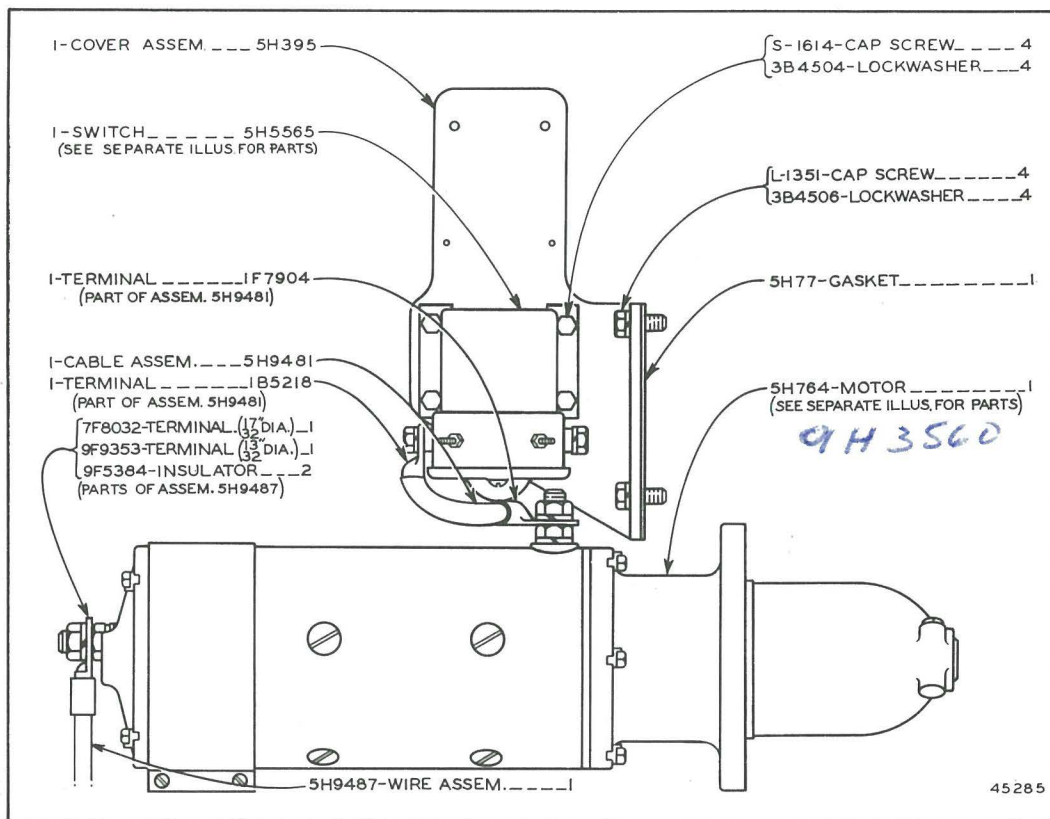
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

6H9161 Electric Starting Arrangement—24 Volt

Consists of:		Page
1	5H6032 Glow Plug Group.....	206
1	6H1009 Starting Motor Group.....	202
1	6H2718 Generator Group.....	185
1	6H3734 Battery and Wiring Group.....	208
1	6H9340 Ether Starting Aid Group.....	210
1	7H2157 Cover Group	211
1	9H5471 Cover Group	213
3	1A2029 Bolt—Governor Control Bracket to Manifold	
6	1B4203 Nut—Cover to Flywheel Housing	
1	3B623 Core Plug Flywheel Pinion Shaft Hole	
13	3B4506 Lockwasher— $\frac{3}{8}$ "	
1	3B8485 Fitting—Bellcrank Shaft	
1	3B9067 Drain Cock	
4	5B9304 Drive Screw—Plate to Bracket	
1	4F2654 Gasket—Water Hole Cover	
1	9F6656 Ring Bellcrank Shaft	
1	1H5656 Wrench—Glow Plug	
1	2H7479 Wrench—Glow Plug	
1	3H2727 Wrench—Glow Plug	
1	4H9259 Bracket Assembly—Governor Control	
1	5H6065 Manifold Assembly—Inlet	
1	5H7970 Cover—Water Hole	
1	6H3737 Plate Assembly—Dash R.H.	
1	6H3738 Plate Assembly—Dash L.H.	
1	6H9534 Cover—Flywheel Housing	
1	6H9535 Gasket—Flywheel Housing Cover	
1	1K485 Washer—Between Bellcrank and Ring	
2	L-1351 Bolt—Cover to Flywheel Housing	
2	S-1594 Bolt—Water Hole Cover	
1	8H5308 Plate—Starting Instructions	

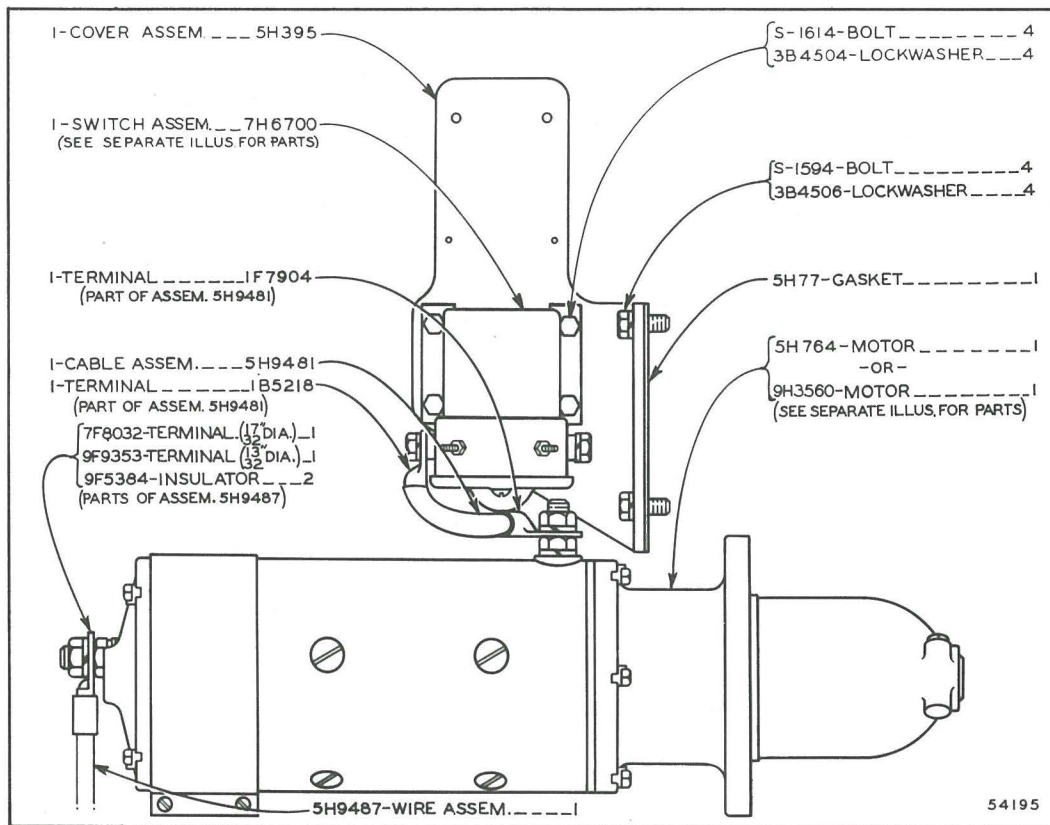
6H9161 ELECTRIC STARTING ARRANGEMENT—24 Volt

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



6H1009 STARTING MOTOR GROUP—24 Volt—First Type

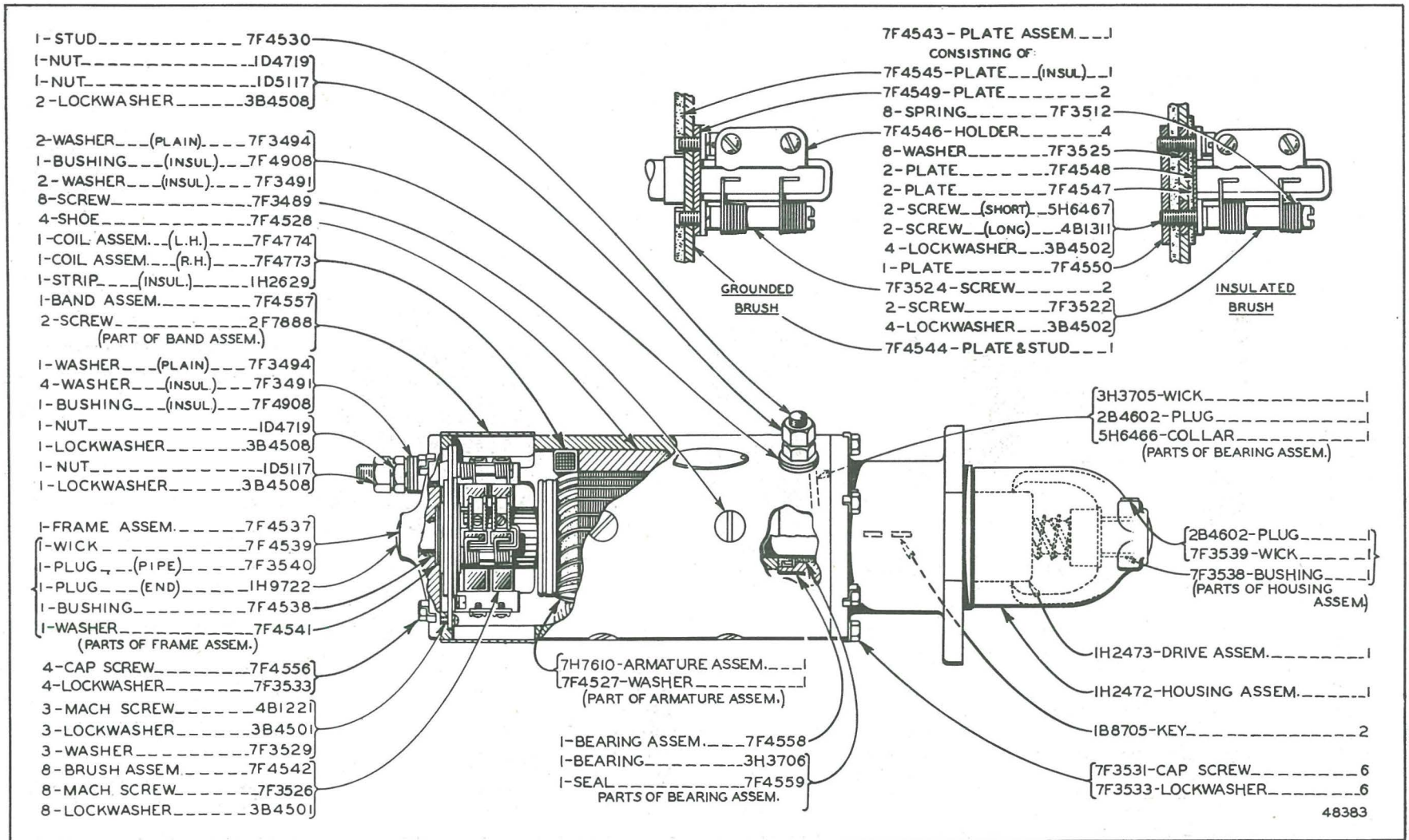
Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201
5H5565 Switch parts are shown on Page 205



6H1009 STARTING MOTOR GROUP—24 Volt—Second Type

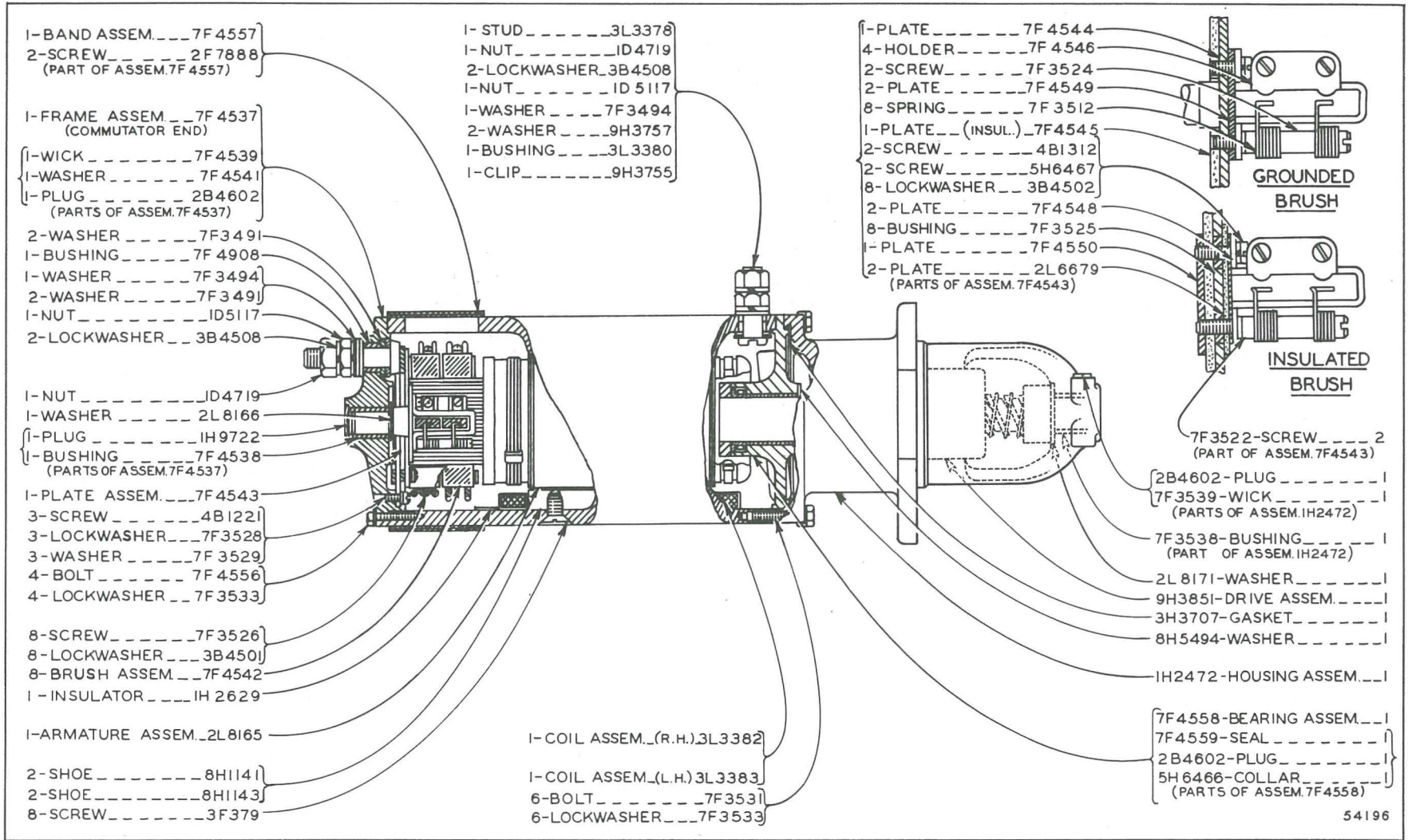
Part of 5H6700 and 6H9161 Electric Starting Arrangement listed on Pages 200 and 201
9H3560 Motor and 7H6700 Switch parts are shown on Pages 204 and 205

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



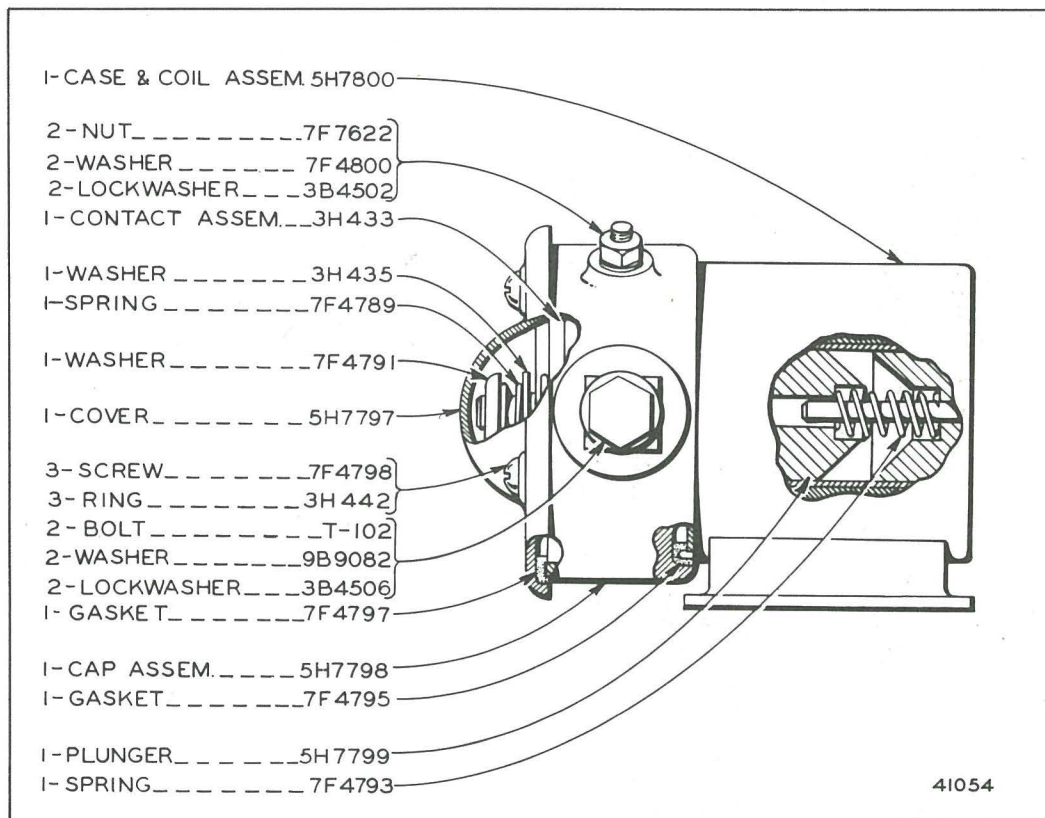
5H764 ELECTRIC STARTING MOTOR—24 Volt
 Part of 6H1009 Starting Motor Group shown on Page 202

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



9H3560 ELECTRIC STARTING MOTOR—24 Volt
Part of 6H1009 Starting Motor Group shown on Page 202

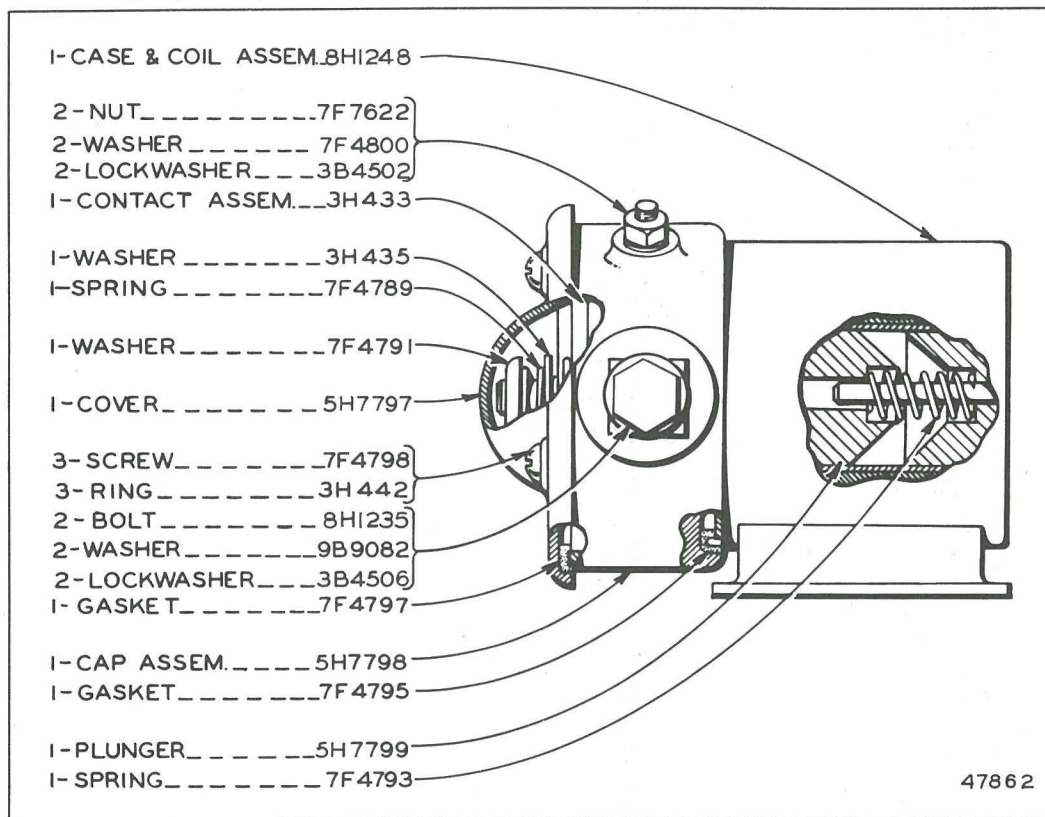
54196



5H5565 MAGNETIC SWITCH

Part of 6H1009 Starting Motor Group shown on Page 202

Only separate parts serviced. When complete Switch is required order 7H6700

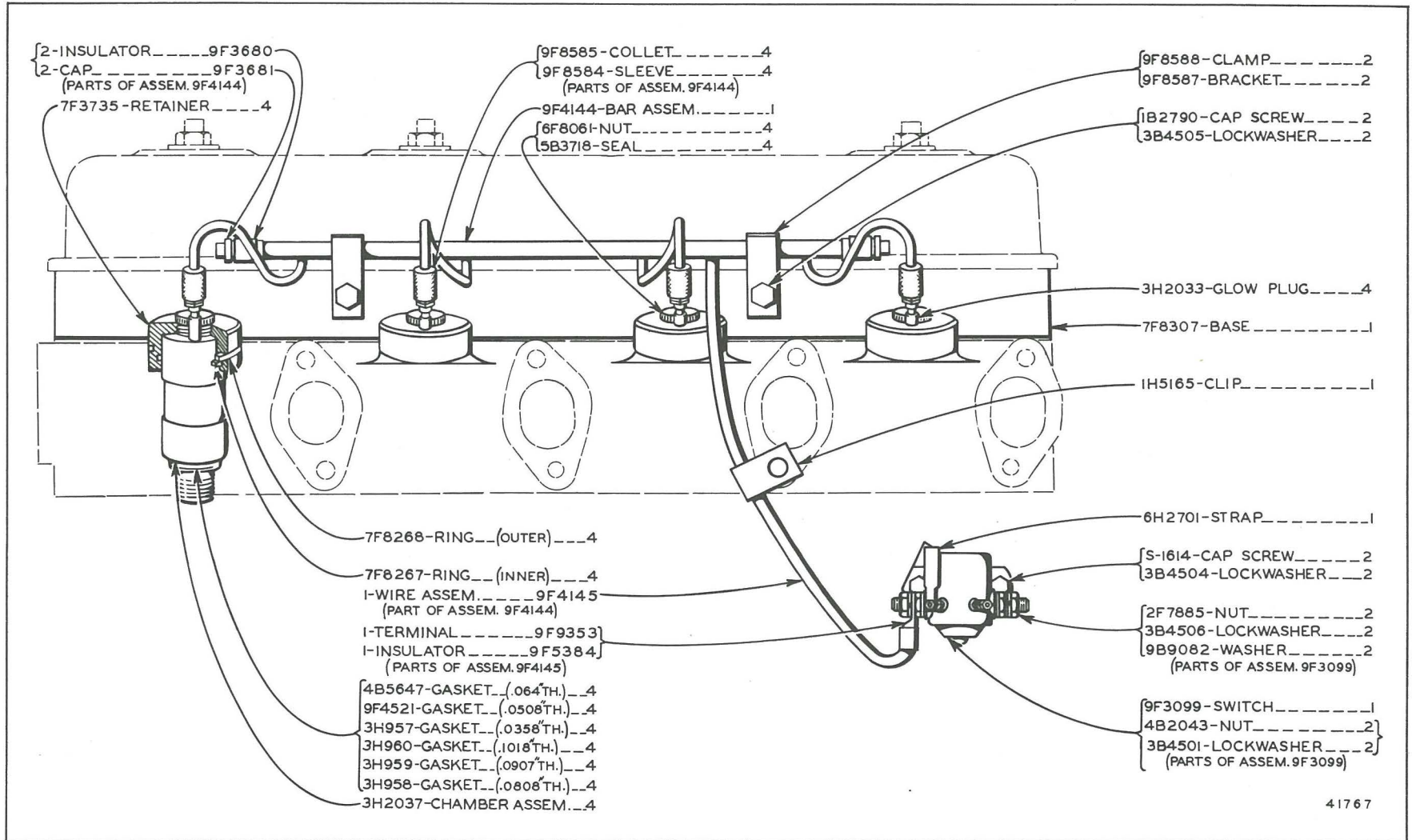


7H6700 MAGNETIC SWITCH ASSEMBLY

Part of 6H1009 Starting Motor Group shown on Page 202

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



41767

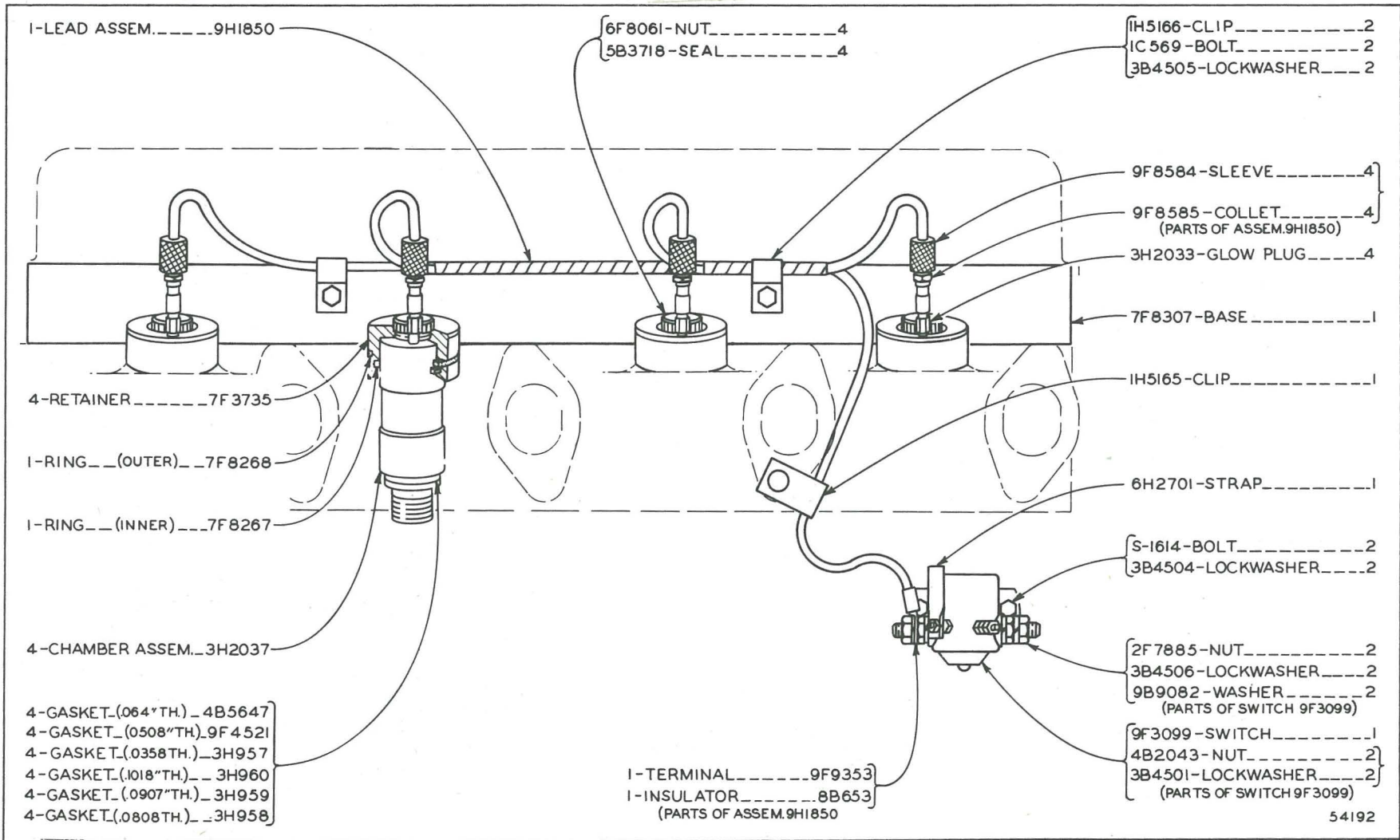
5H6032 GLOW PLUG GROUP—24 Volt—First Type

Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ATTACHMENTS

207



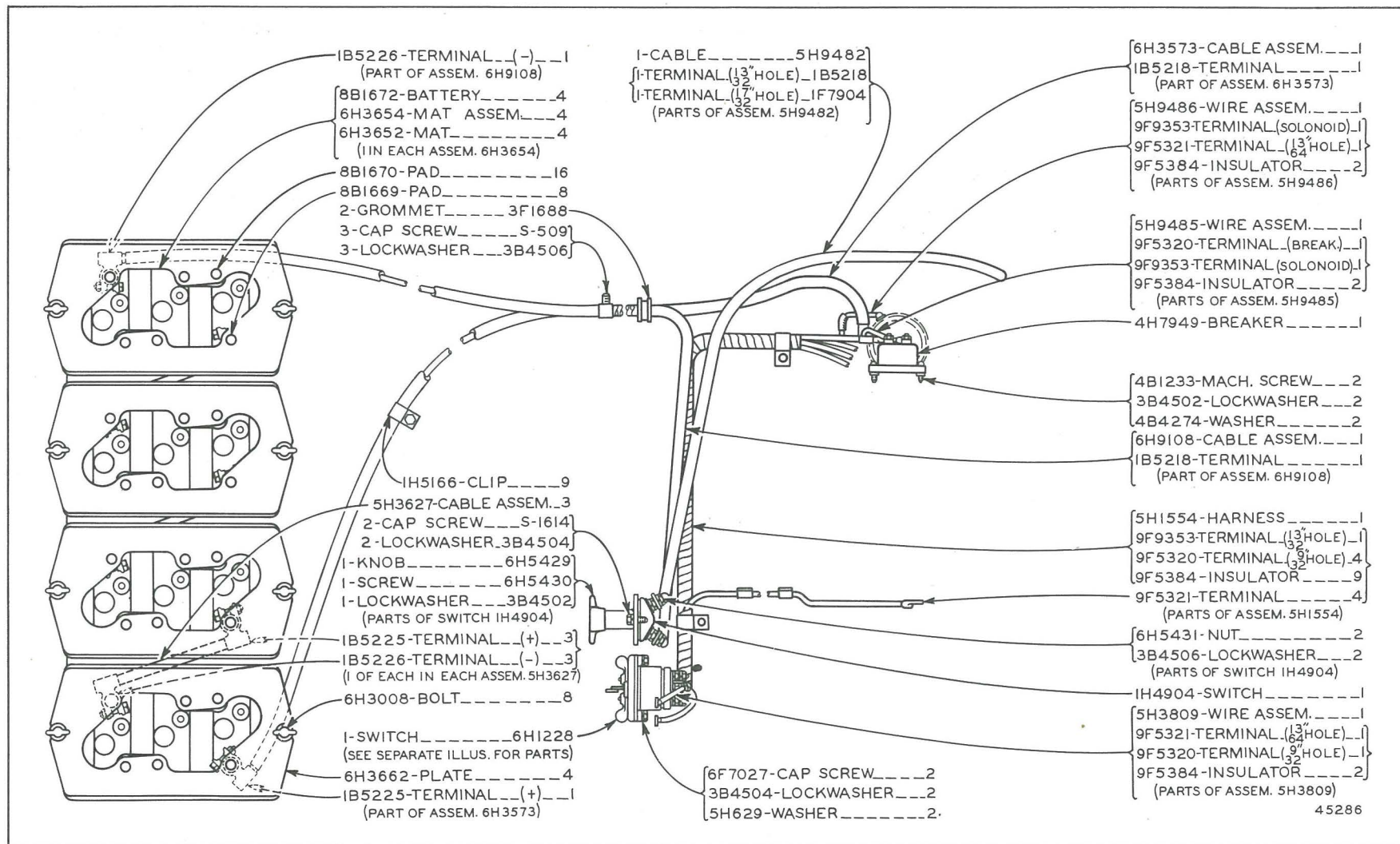
5H6032 GLOW PLUG GROUP—24 Volt—Second Type
Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201

ATTN RON - LANNY BERG

459-8675

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

208 "CATERPILLAR" NO. 933 TRAXCAVATOR

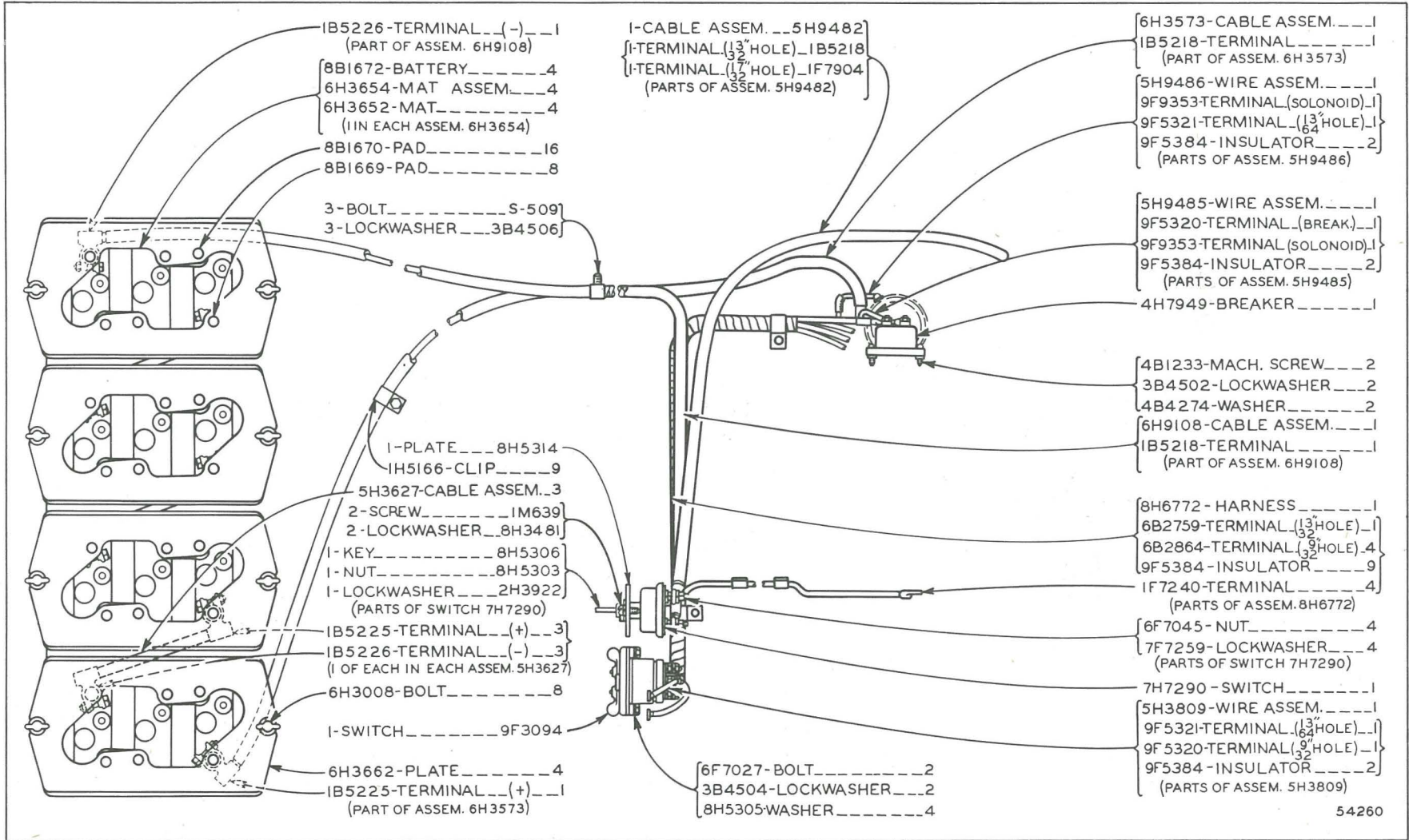


6H3734 BATTERY AND WIRING GROUP—24 Volt—First Type

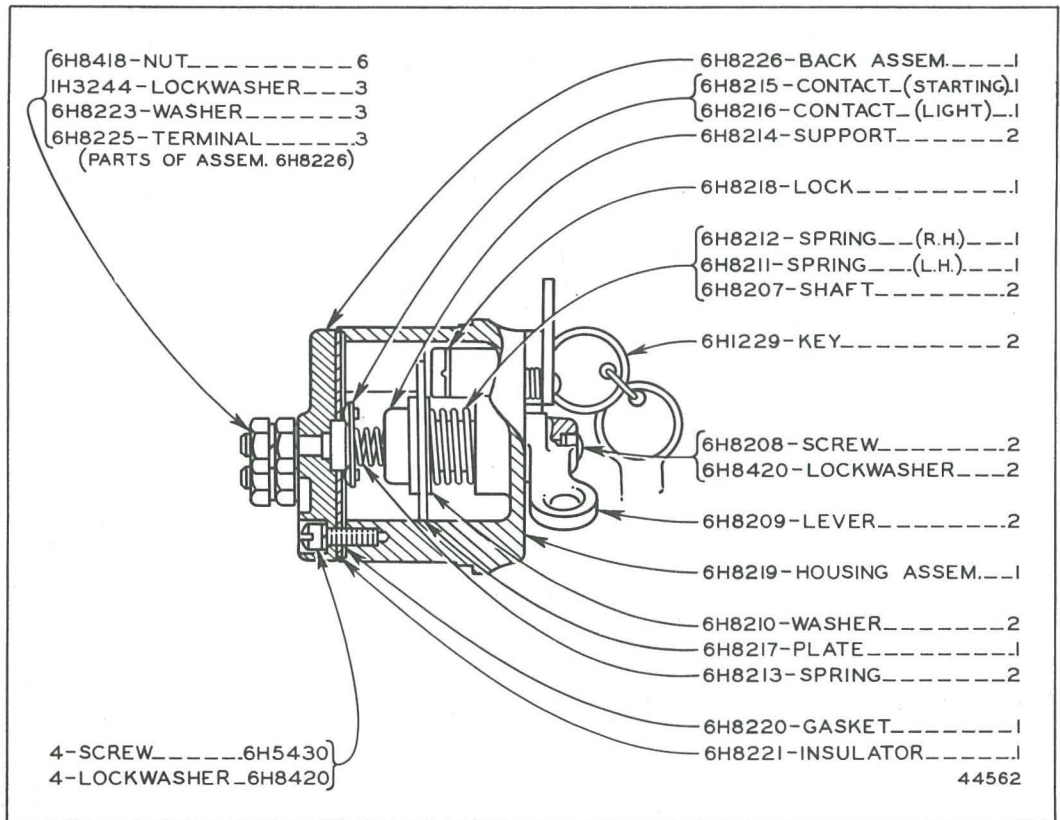
Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201

6H1228 Glow Plug Switch parts are shown on Page 210

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

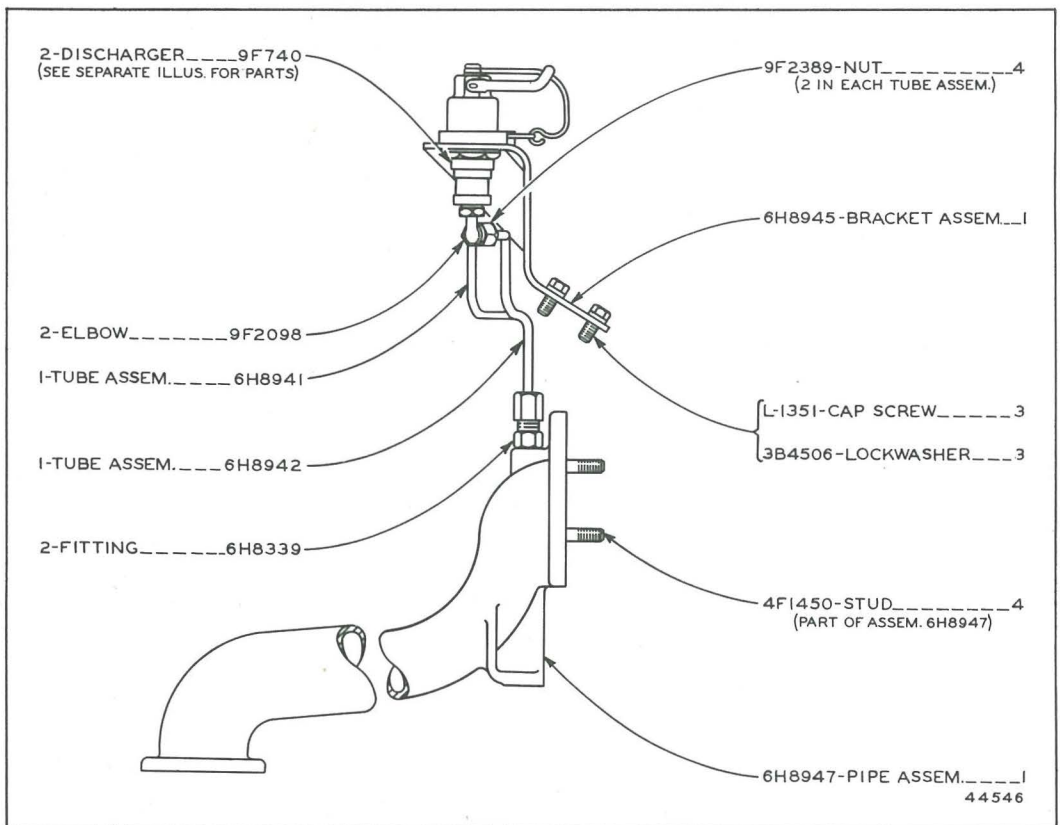


6H3734 BATTERY AND WIRING GROUP—24 Volt—Second Type
Part of 5H6700 and 6H9161 Electric Starting Arrangements listed on Pages 200 and 201



6H1228 GLOW PLUG SWITCH

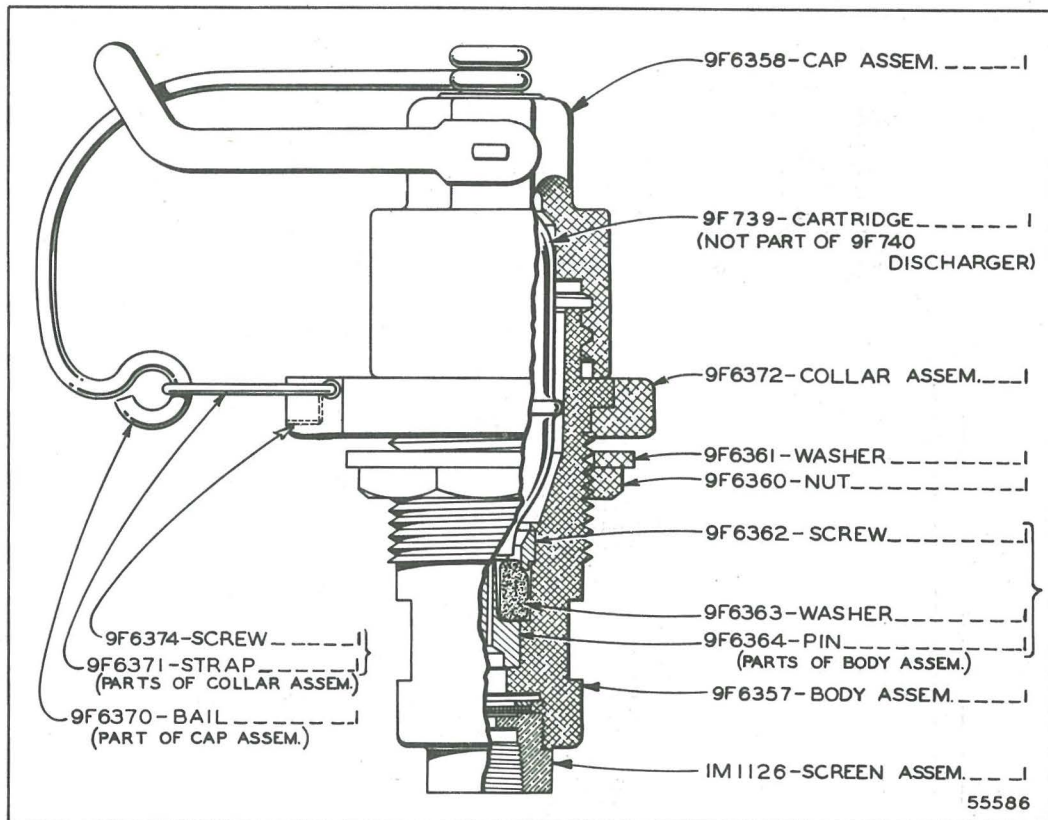
Part of 6H3734 Battery and Wiring Group shown on Page 208



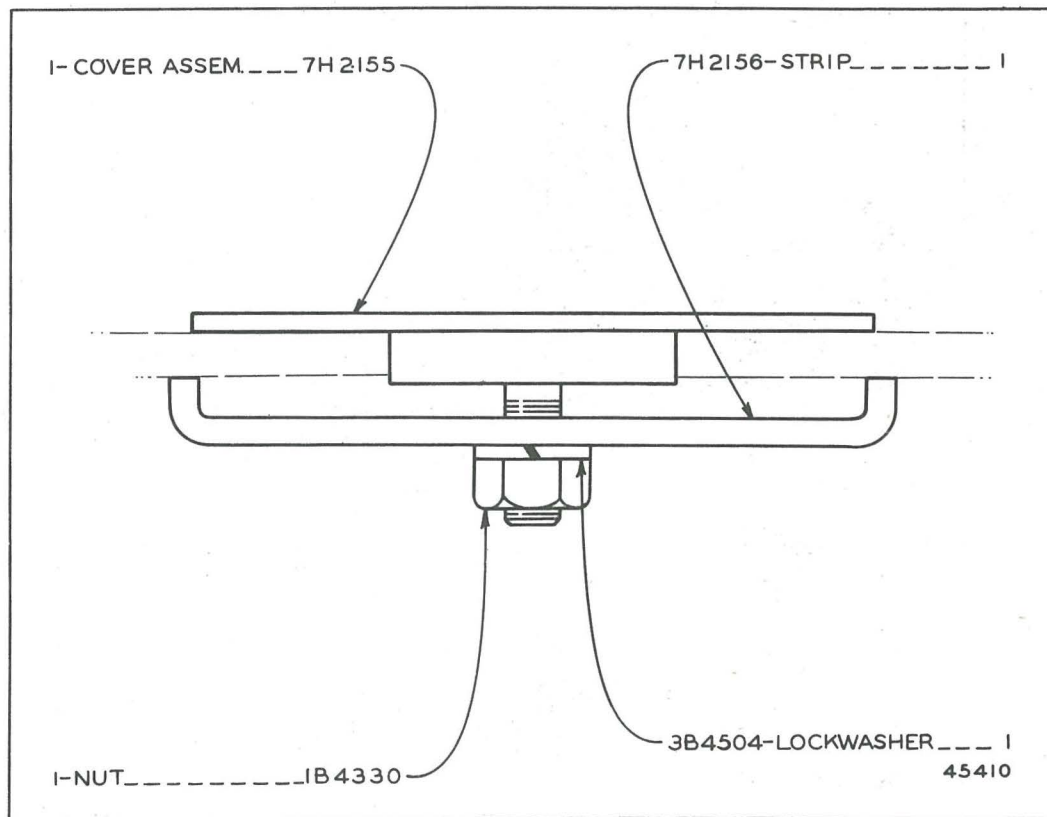
6H9340 ETHER STARTING AID GROUP

Part of 6H9161 Electric Starting Arrangement listed on Page 201

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

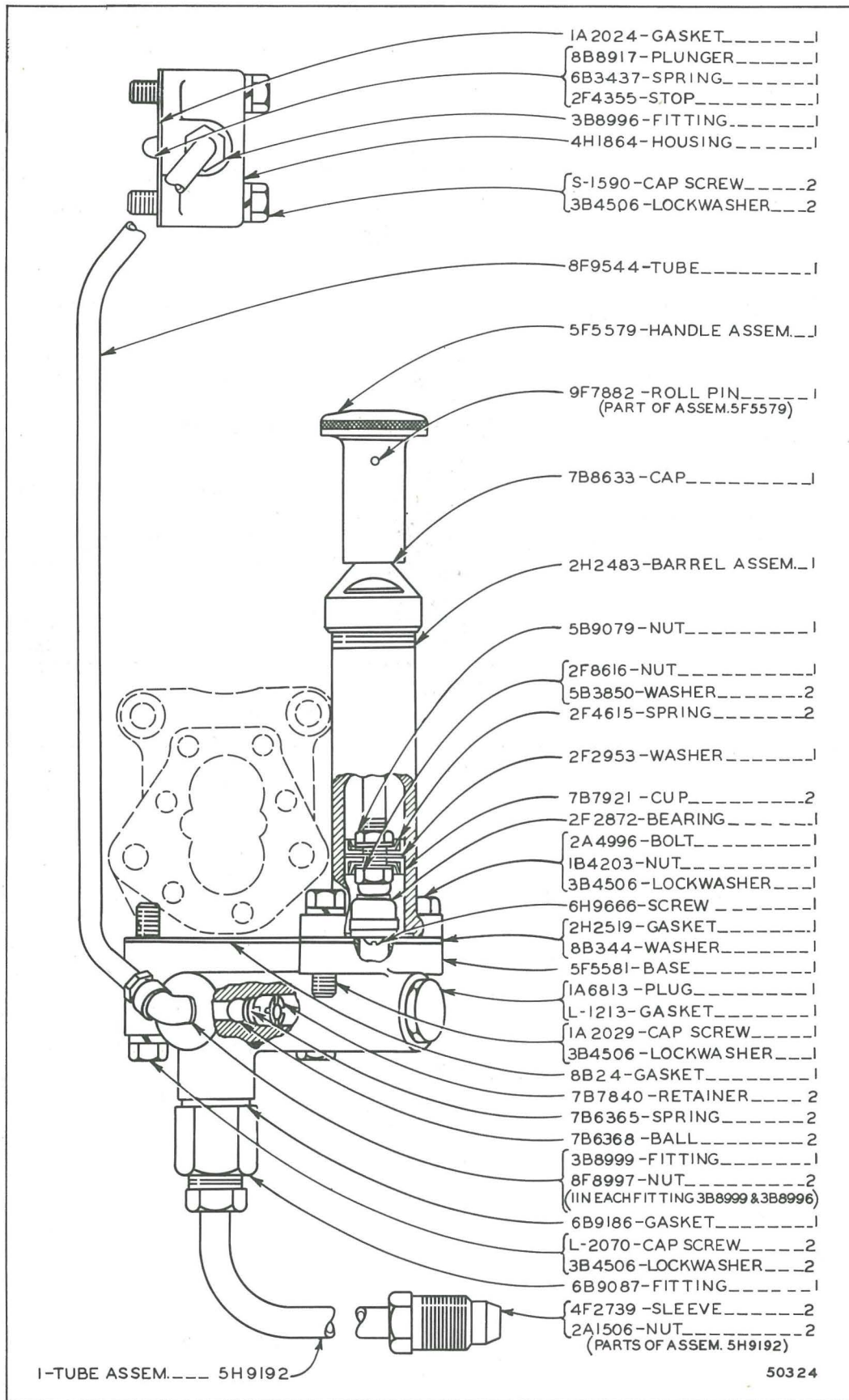


9F740 DISCHARGER
Part of 6H9340 Ether Starting Aid Group



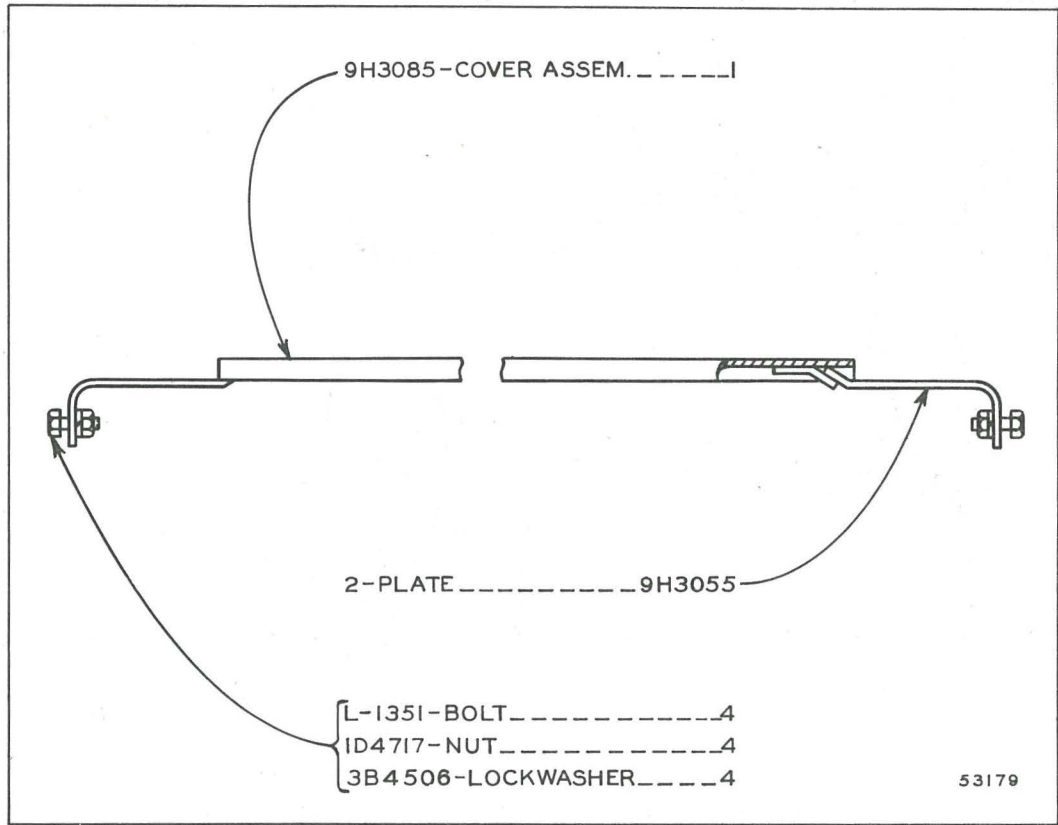
7H2157 COVER GROUP
Part of 6H9161 Electric Starting Arrangement listed on Page 201

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



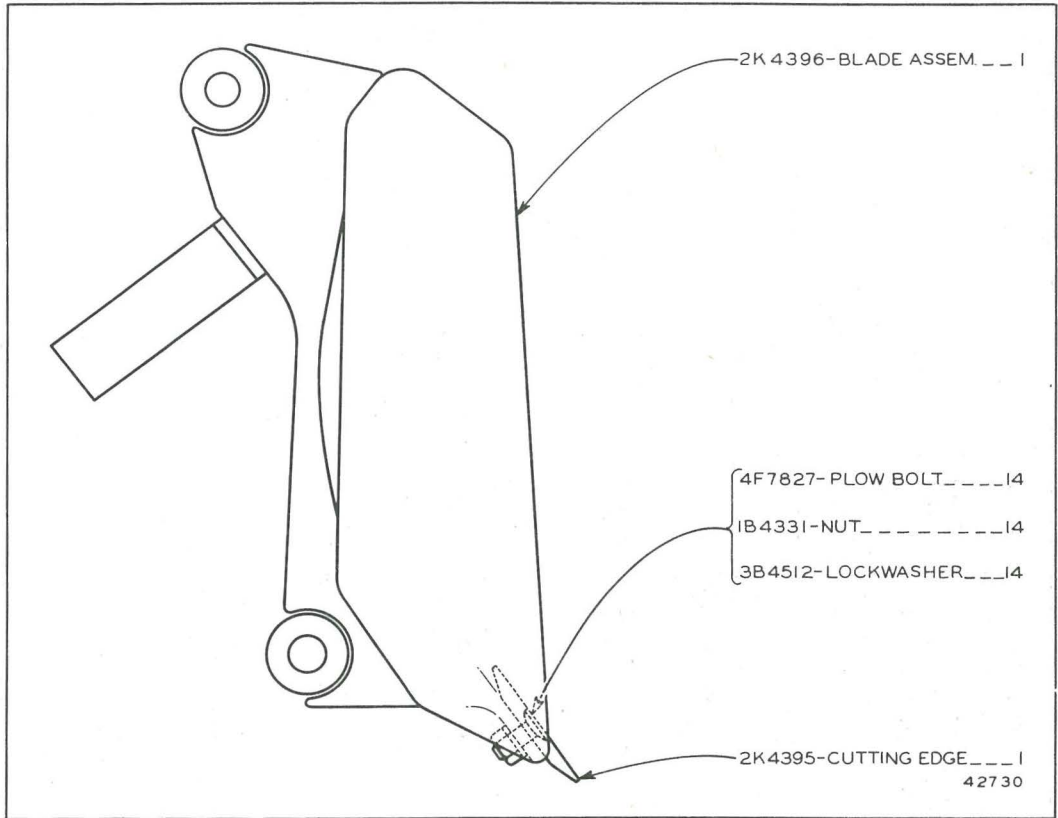
5H9867 FUEL PUMP GROUP
 For use with 24 Volt Electric Starting System

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



9H5471 COVER GROUP

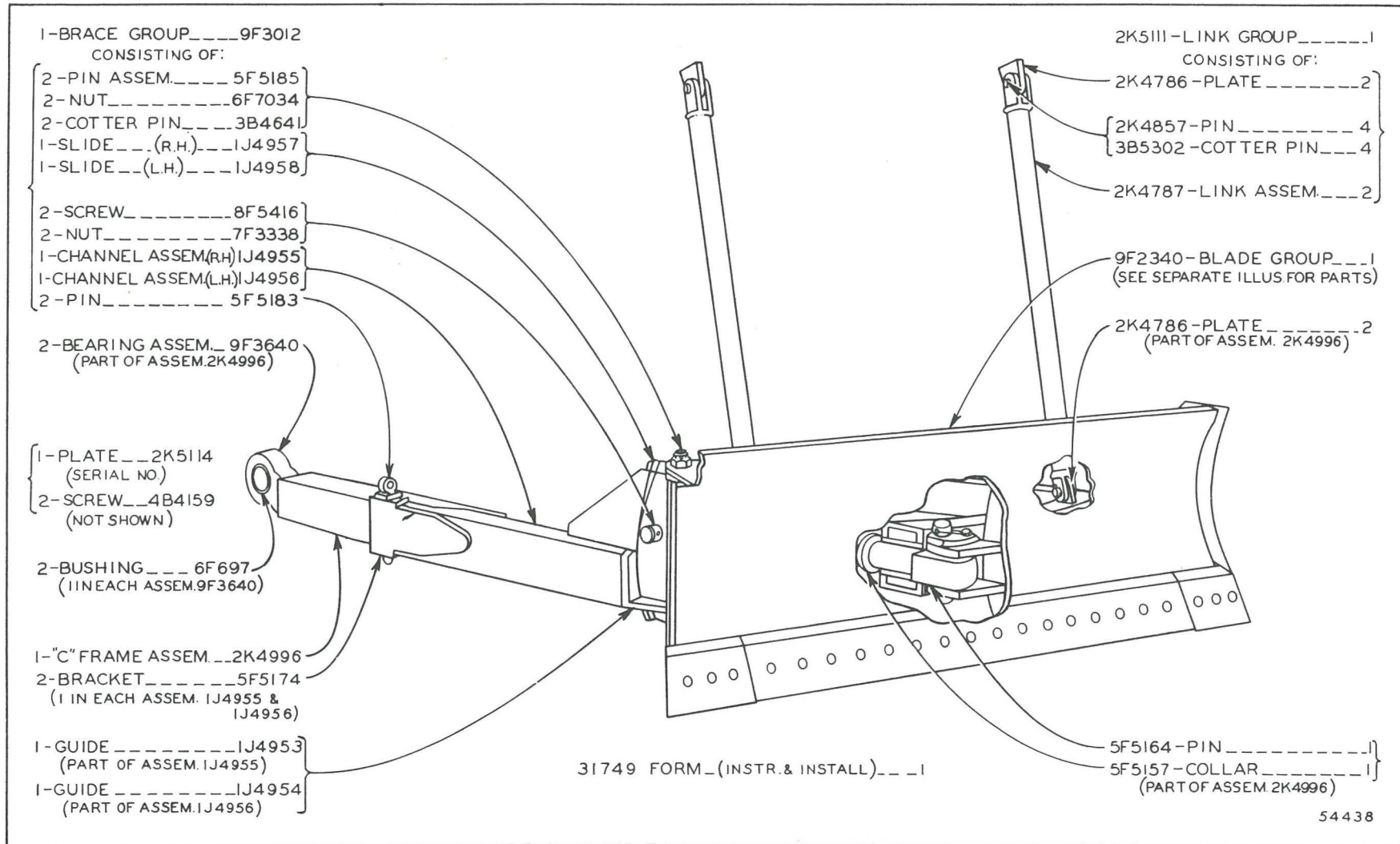
Part of 6H9161 Electric Starting Arrangement listed on Page 201



2K4394 BULLDOZER GROUP—80" Wide
Straight Blade

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

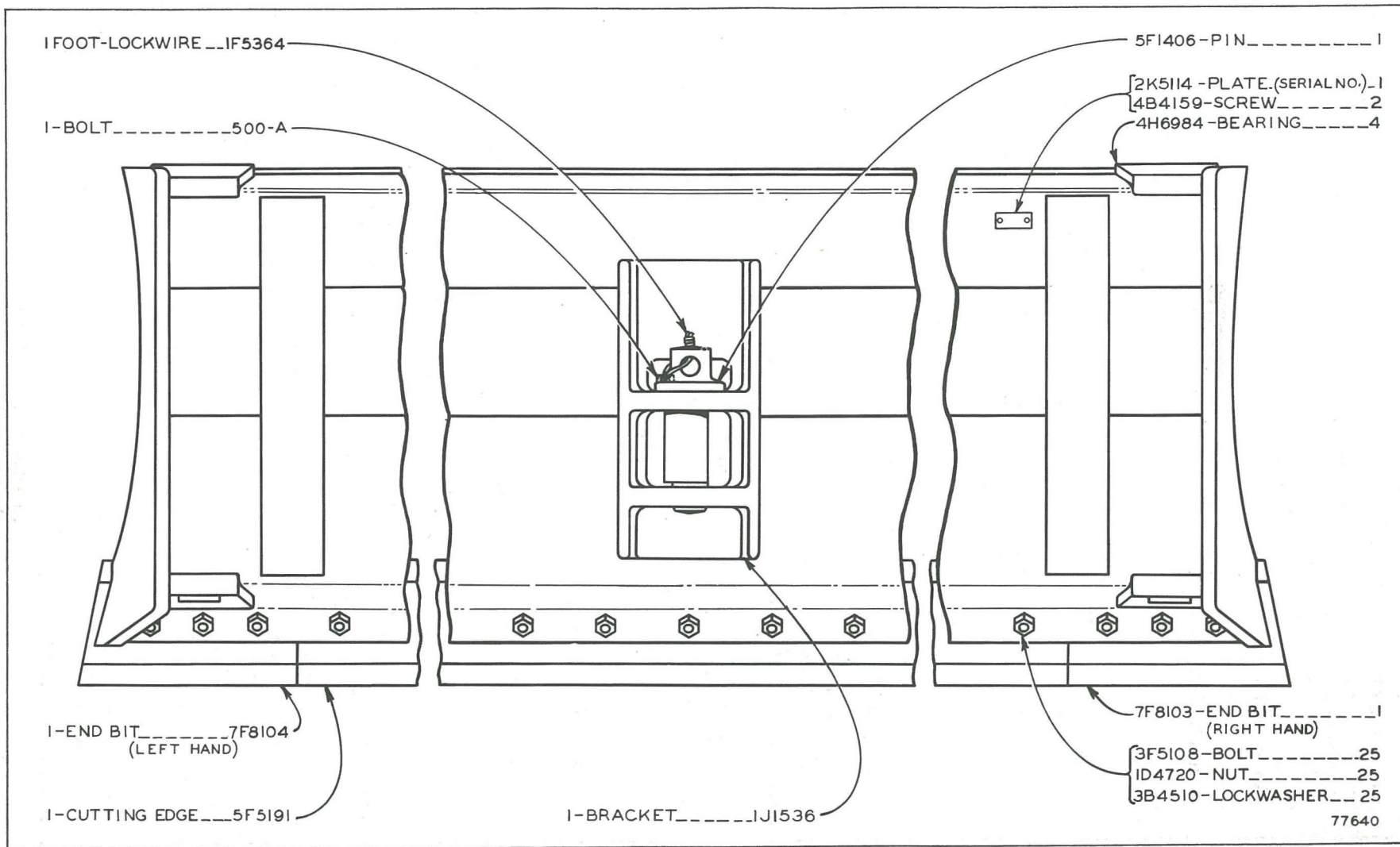


2K4724 BULLDOZER ARRANGEMENT—Angling Blade

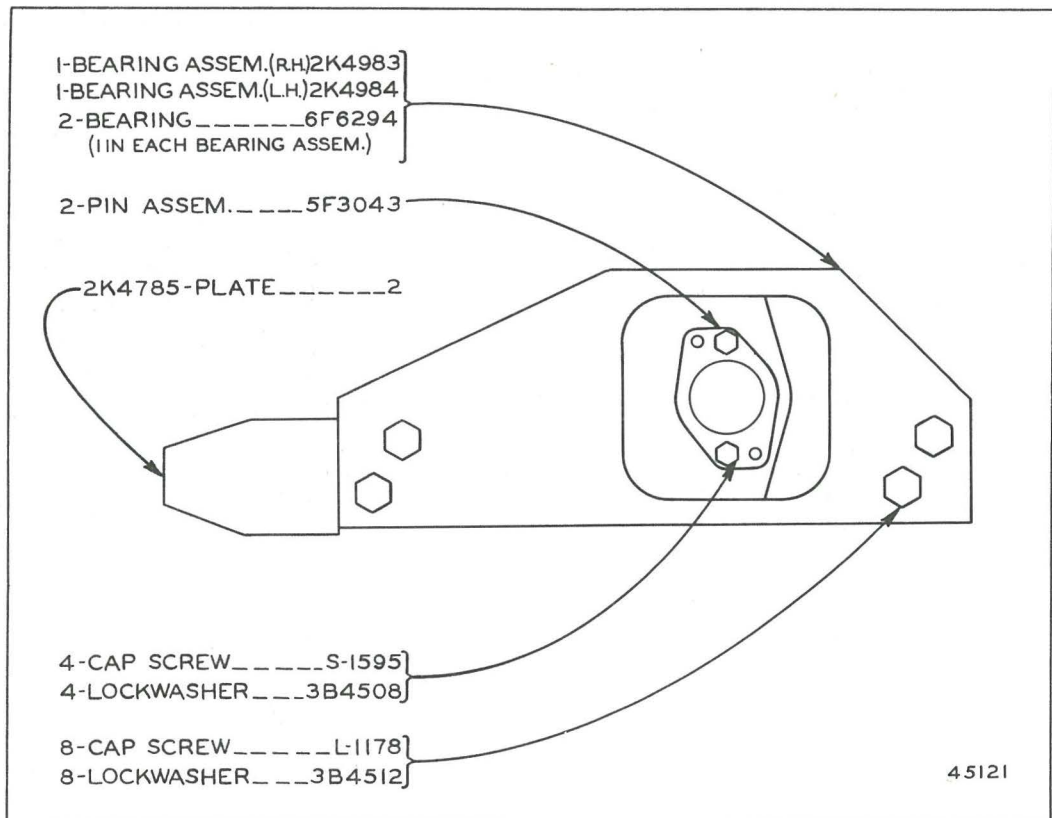
ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

"CATERPILLAR" NO. 933A BULLDOZER

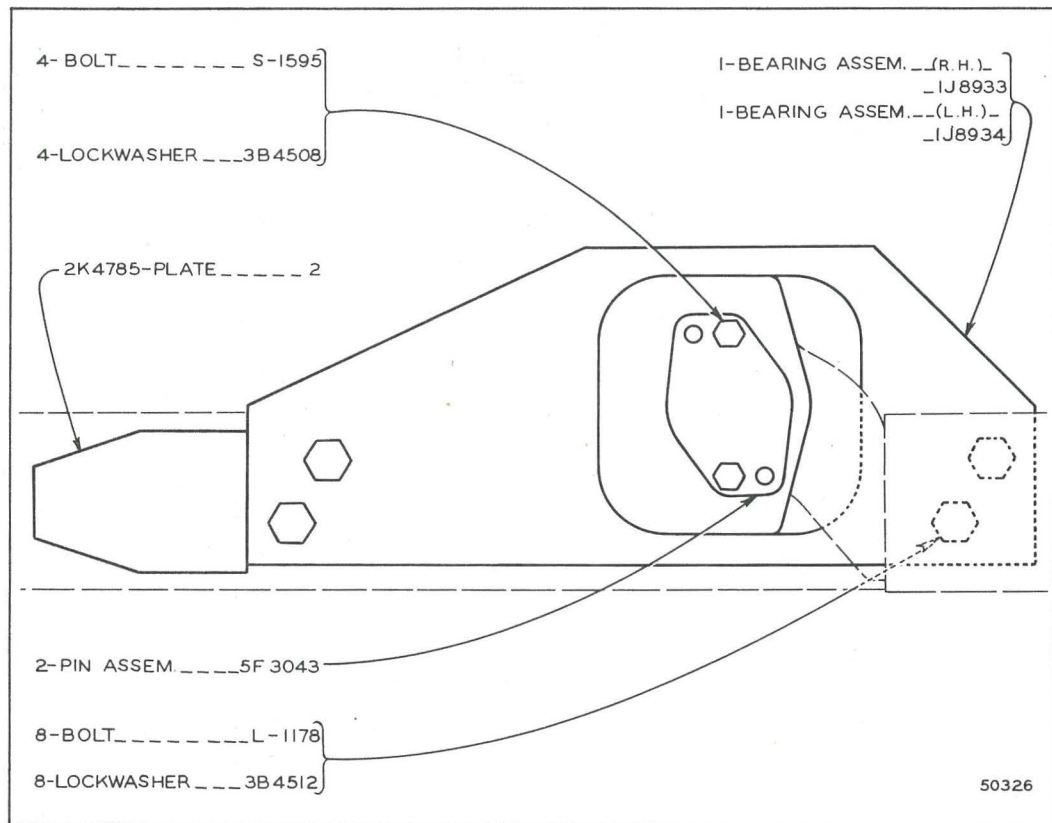
215



9F2340 BLADE GROUP
Part of 2K4724 Bulldozer Arrangement



2K5112 TRUNNION GROUP
 Serial No. 11A1 to 11A2595 inclusive



1J8936 TRUNNION GROUP
 Effective with Serial No. 11A2596

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

Quantity Used	Part Number	Description
2	3H3842	Plate—Serial Number On rear of transmission case and left hand side of cylinder block
4	4B4159	Drive Screw—Serial Number Plate
1	1H3038	Transfer—Safety On air cleaner
1	1H6517	Transfer—Lubricating Oil Filter Instructions On oil filter cover
1	5H3015	Transfer—Instruction On starting engine cover
5	5H4506	Transfer—No. 933—1½" High On each side of radiator, seat and on back of fuel tank
1	5H9850	Transfer—Traxcavator—1½" High On back of fuel tank
1	5H9852	Transfer—Caterpillar On back of fuel tank
4	5H9854	Transfer—CAT—1½" High On each side of radiator and seat
1	5H9856	Transfer—Made By Caterpillar Tractor Co., Peoria, Illinois, U.S.A.—5/8" High On back of fuel tank

NAME PLATES AND TRANSFERS

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

542-A PINCH BAR

1B7973 SCREW DRIVER

8B8423 SCREW DRIVER

2B4317 BRUSH

1B7972 PLIERS

3B3809 HANDLE (STARTING ROPE)

3B3808 ROPE (STARTING)

1B7810 HAMMER

6H5360 TOOL (FLYWHEEL CLUTCH ADJ.)

6F3703 WRENCH

1B9660 GAUGE (VALVE CLEARANCE)

6H6909 WRENCH

3B1285 WRENCH (7/8 & 15/16 HEX)

3563-A WRENCH (15/16 & 1/8 HEX)

3B9082 WRENCH (3" x 13/16" HEX.)

1B7763 OIL CAN

2H2873 WRENCH

2F5131 WRENCH

9F22 WRENCH

4B1856 COMPRESSOR (SEE SEPARATE ILLUS. FOR PARTS)

8F9866 GREASE GUN (LEVER) (SEE SEPARATE ILLUS. FOR PARTS)

3B2301-GREASE GUN

1-NOZZLE-----9B6004
 2-WASHER.(LEATHER).9B6003
 2-NUT-----1D4717
 2-WASHER.(CUP)-2H2770
 (PARTS OF GREASE GUN 3B2301)

5B780 WRENCH 5 3/16 & 3/8" OPENING
 5B781 WRENCH 7 1/16 & 1/2" OPENING
 5B782 WRENCH 9 1/16 & 5/8" OPENING
 5B783 WRENCH 11 1/16 & 3/4" OPENING
 5B784 WRENCH 13 3/16 & 7/8" OPENING
 5B785 WRENCH 15 1/16 & 1" OPENING
 5B786 WRENCH 1 1/16 & 1/8" OPENING

45288

7H539 TOOL GROUP

Serial No. 11A1 to 11A2595 inclusive

8F9866 Grease Gun and 4B1856 Volume Compressor parts are shown on Pages 220 and 221

Note: 4B1856 Volume Compressor is not included in this Group

542-A PINCH BAR

IB7973 SCREW DRIVER

8B8423 SCREW DRIVER

2B4317 BRUSH

IB7972 PLIERS

3B3809 HANDLE (STARTING ROPE)

3B3808 ROPE (STARTING)

IB7810 HAMMER

6H5360 TOOL (FLYWHEEL CLUTCH ADJ.)

6F3703 WRENCH

IB9660 GAUGE (VALVE CLEARANCE)

6H6909 WRENCH

3B1285 WRENCH (7" & 15/16" HEX)

3563-A WRENCH (15/16" & 1" HEX)

3B9082 WRENCH (3" x 13/16" HEX)

IB7763 OIL CAN

2H2873 WRENCH

2F5131 WRENCH

9F22 WRENCH

7H1680 VOLUME COMPRESSOR & HOSE ASSEM. (SEE SEPARATE ILLUS. FOR PARTS)

8F9866 GREASE GUN (LEVER) (SEE SEPARATE ILLUS. FOR PARTS)

1-NOZZLE ----- 9B6004
 2-WASHER (LEATHER) 9B6003
 2-NUT ----- ID4717
 2-WASHER (CUP) - 2H2770 (PARTS OF GREASE GUN 3B2301)

3B2301-GREASE GUN

5B780	WRENCH	5" & 3/8" OPENING
5B781	WRENCH	7" & 1/2" OPENING
5B782	WRENCH	9" & 5/8" OPENING
5B783	WRENCH	11" & 3/4" OPENING
5B784	WRENCH	13" & 7/8" OPENING
5B785	WRENCH	15" & 1" OPENING
5B786	WRENCH	1" & 1/8" OPENING

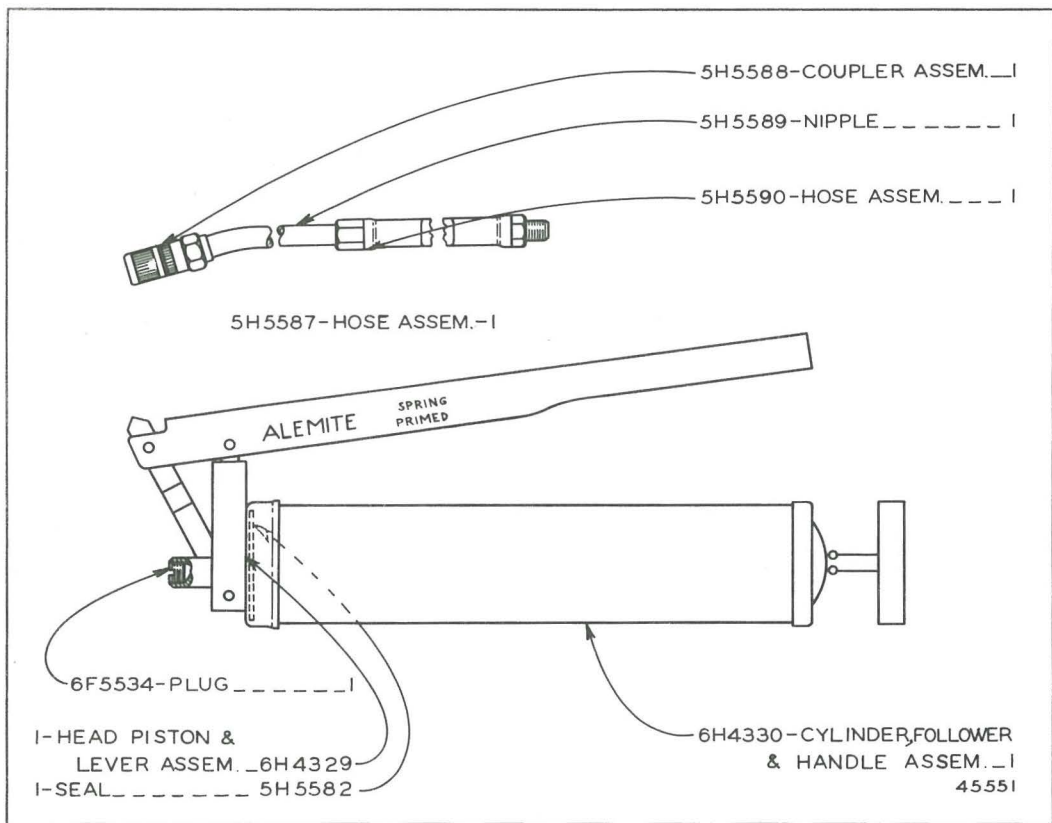
50093

7H539 TOOL GROUP

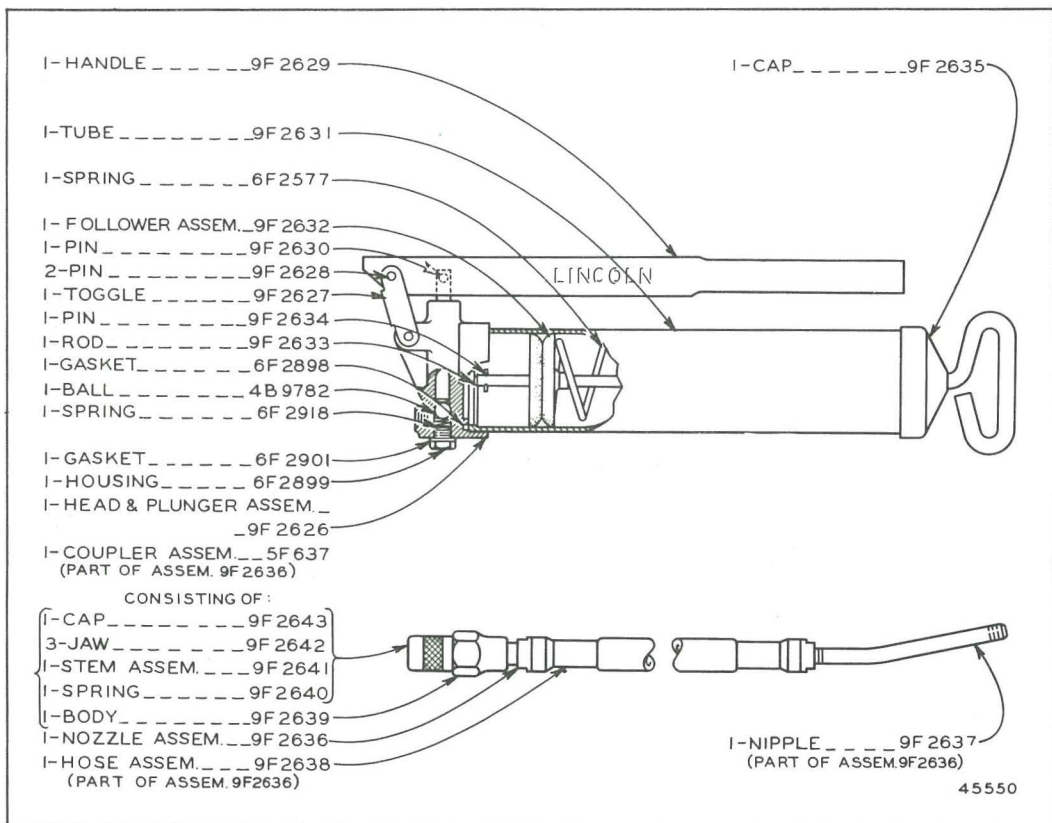
Effective with Serial No. 11A2596

8F9866 Grease Gun and 7H1680 Volume Compressor parts are shown on Pages 220 and 222

Note: 7H1680 Volume Compressor is not included in this Group

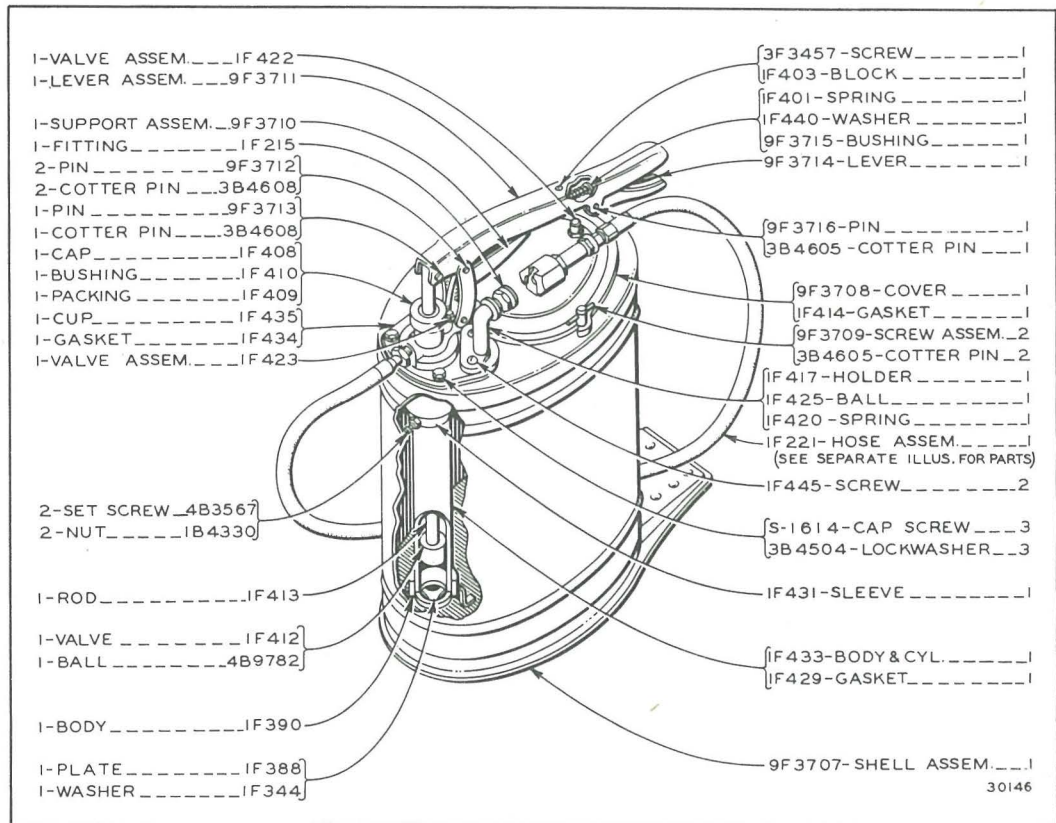
**8F9866 GREASE GUN—First Type**

Part of 7H539 Tool Group shown on Pages 218 and 219

**8F9866 GREASE GUN—Second Type**

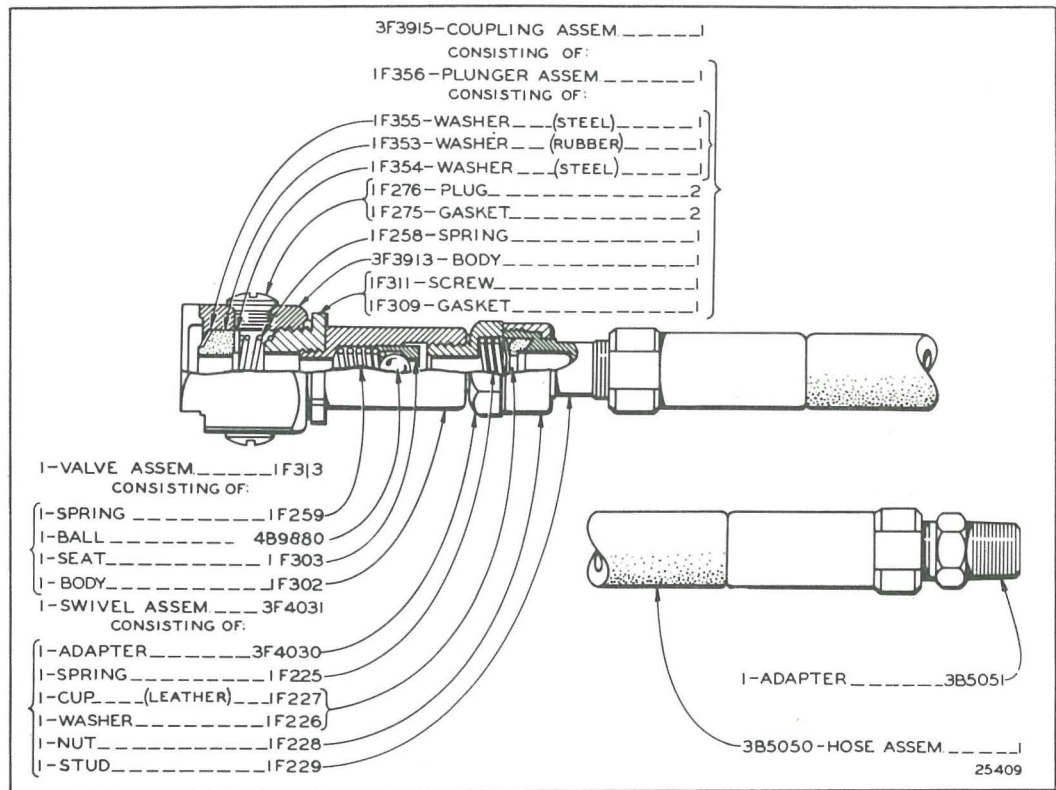
Part of 7H539 Tool Group shown on Pages 218 and 219

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



4B1856 VOLUME COMPRESSOR

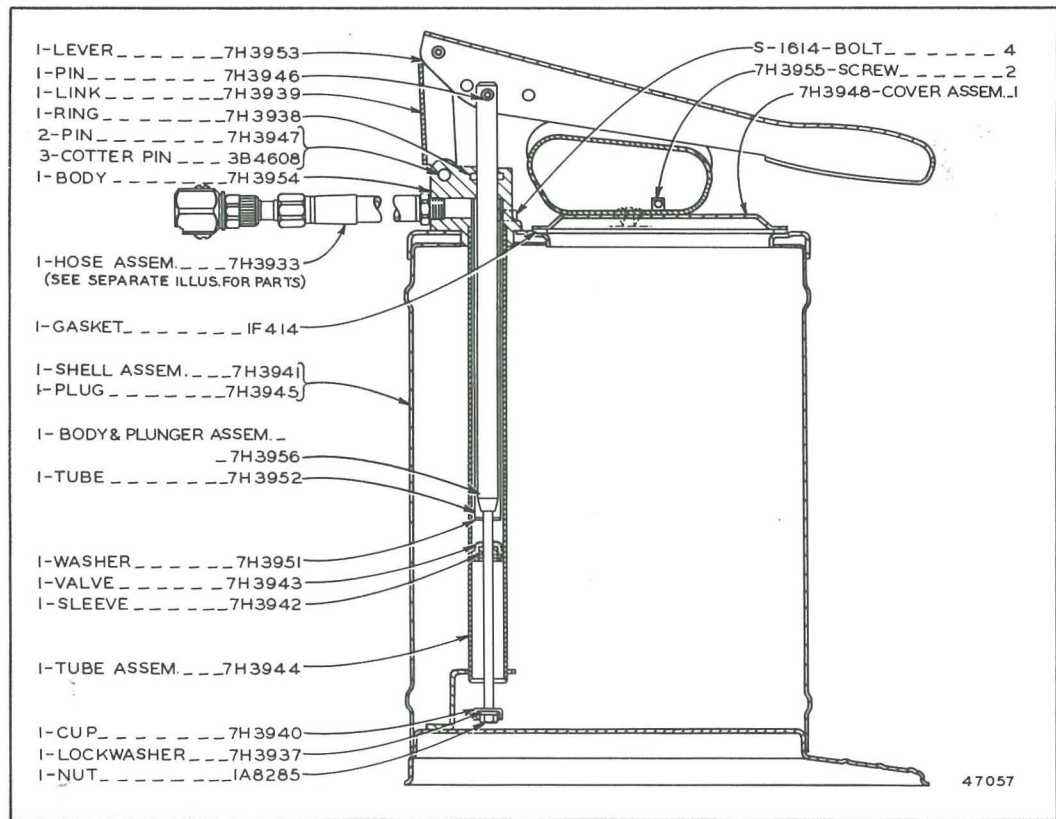
Only separate parts serviced. When complete Volume Compressor is required order 7H1680 shown on Page 222



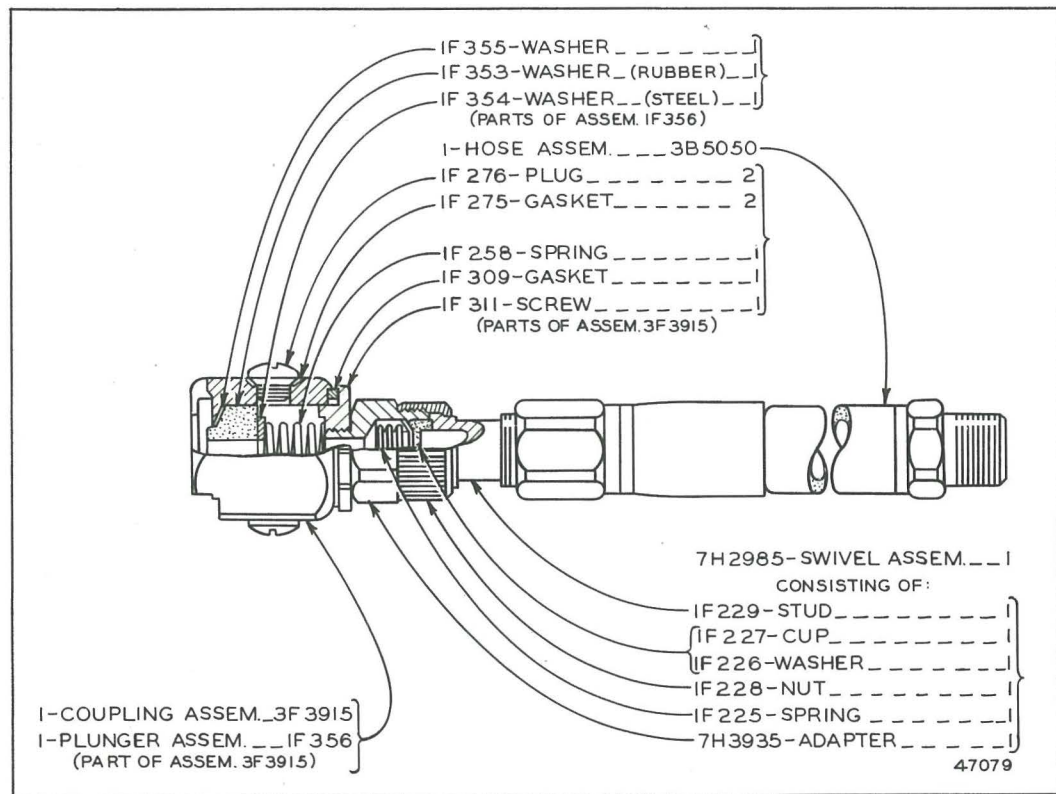
IF221 HOSE ASSEMBLY

Part of 4B1856 Volume Compressor. Note: 2H9482 Relief Valve is available for use with Volume Compressor. This Valve controls the lubricating pressure to the proper maximum, thereby preventing damage to the Seals

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE



7H1680 VOLUME COMPRESSOR



7H3933 HOSE ASSEMBLY

Part of 7H1680 Volume Compressor. Note: 2H9482 Relief Valve is available for use with Volume Compressor. This Valve controls the lubricating pressure to proper maximum, thereby preventing damage to the Seals

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

MEMORANDA

Fuel filter Change - 2842 hr
Hydraulic filter ← 2842 hr
Oil filter Change 2800 hr

Western Equipment 343-5401

MEMORANDA

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

MEMORANDA

ONLY "CATERPILLAR" PARTS GIVE "CATERPILLAR" PERFORMANCE

SPECIFICATIONS

(SUBJECT TO CHANGE WITHOUT NOTICE)

Weight, Shipping (Approximate)

No. 933 Traxcavator	16,850 lbs.
• No. 933A Bulldozer	1,650 lbs.

DIMENSIONS

Length, Traxcavator only	13' 10"
Length, with Bulldozer	11' 1 $\frac{5}{8}$ "
Width, Traxcavator only	5' 10"
Width, with Bulldozer	8' 1 $\frac{1}{2}$ "
Height, Traxcavator only	6' 3 $\frac{3}{4}$ "
Height, with Bulldozer	8' 4"
Bucket Width	70"
Dumping Clearance	7' 11 $\frac{5}{16}$ "
Dumping Height	9' 11 $\frac{1}{16}$ "
Dumping Reach	2' 5 $\frac{5}{16}$ "
Maximum Digging Depth	9 $\frac{3}{4}$ "

CAPACITIES

Cooling System	7 $\frac{1}{2}$ U.S. Gal.
Crankcase, Lubricating Oil	30 4 U.S. Gal.
Transmission, Lubricating Oil	90 2 U.S. Gal.
Flywheel Clutch	30 3 $\frac{1}{2}$ U.S. Gal.
Final Drive, Lubricating Oil, each side	90 1 $\frac{1}{4}$ U.S. Gal.
Fuel Tank	45 U.S. Gal.
Hydraulic System	24 U.S. Gal.
Bucket	1 Cu. Yd.

STARTING METHOD

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

MACHINE SERIAL NUMBER PLATE LOCATION

No. 933 Traxcavator serial number plates are located on the back of the transmission case and on the left-hand side of the cylinder block.


No. 933A Bulldozer serial number plate is located at the right rear side of the blade.

PRINTED IN U. S. A.

FORM 100-1000



CATERPILLAR

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