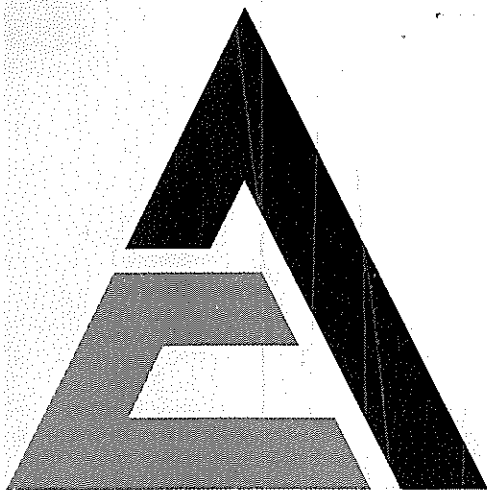


Parts
Catalog
for
TL16
(Diesel)
TRACTOR
LOADER
(S/N 205-1800)

*All charges entered on pages 99 through 136 to
match master book. 5/18/73*



ALLIS-CHALMERS

Milwaukee, Wisconsin, U.S.A.

Price \$1.50

Litho in U.S.A.

FORM 3048391 (10-66)

SUPERSEDES CATALOGS 3032993

ADDITIONAL PUBLICATIONS AVAILABLE

FOR

MODEL TL16 (Diesel) TRACTOR LOADER SERIAL NUMBER 205 thru 1800

(See NOTE below)

FORM NO.	DESCRIPTION	SERIAL NO.
Parts Catalogs		
626019	Cab Glass - - - - -	All
643833	Injection Pump (American Bosch) - - -	555 thru 1800
645323	Injection Pump (Roosa Master) - - - -	205 thru 554
649043	TR6 Ripper - - - - -	All
3033023	Lift Tongs - - - - -	All
Operating Instructions and Field Maintenance Manual		
3033292	TL16D - - - - -	205 thru 554
3033305	TL16D - - - - -	555 thru 1800
Service Manuals		
645120	Engine (6000-7000) - - - - -	All
650850	Service Tools - - - - -	All
3044600	Axles - - - - -	All

NOTE: Order from local ALLIS-CHALMERS Dealer

IMPORTANT

The terms "right" and "left" used throughout this parts list are determined by facing the direction of forward travel. However, the engine is mounted unconventionally with the flywheel toward the front of the machine. Therefore, engine parts designated as "front" and "rear" are so termed with the flywheel being the front of the engine.

Attaching parts such as bolts, nuts, rivets, screws, washers, etc. are indented immediately following the parts which they attach.

All parts marked with a "□" preceding the description are listed in the front of the parts list under "PACKAGED PARTS". Each part number is listed in it's respective kit.

INSTRUCTIONS FOR ORDERING PARTS

ALWAYS GIVE THE MODEL AND ENGINE SERIAL NUMBER.

To obtain parts promptly, give part name and part number.

Give post office address, town, county and state where parts are to be shipped. Also specify whether material is to be shipped by freight, express or parcel post.

Order parts from the dealer covering the local territory.

Confirm all telephone or telegraph orders in writing.

Parts for standard motor accessories such as generators and starting motors should be ordered from authorized Service Stations maintained by manufacturers of these units throughout the country.

No credit will be allowed on parts unless they are returned to the dealer from whom they were purchased; from there they will be returned, at the customer's expense, to the factory for inspection.

Unless claims for shortages or errors are made immediately upon receipt of goods, they will not be considered.

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted upon, full damage can always be collected from the transportation company.

No responsibility is assumed for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment of the transportation company from whom a receipt is received showing that shipment was in good condition when delivered to them; therefore, claims (if any) should be filed with the transportation company and not with Allis-Chalmers Manufacturing Company.

The right is reserved to change the construction or material of any parts where it seems desirable to do so, without incurring the obligation of installing such changes on units already delivered.

MODEL IDENTIFICATION

The symbol listed below is stamped in front of the model serial number on each unit.

MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
16 (Diesel)	344 (Used prior to loader serial #555) 6,000 (Effective with loader serial #555)	Four wheel drive, front end loader, equipment with: power shift transmission, torque converter, 4 cylinder diesel engine, power steering, planetary axles and power brakes.

RECORD YOUR SERIAL NUMBERS BELOW

TRACTOR SERIAL NO. _____

ENGINE SERIAL NO. _____

TRANSMISSION SERIAL NO. _____

AXLE SERIAL NO. _____

SERIAL NUMBER LOCATIONS

LOADER SERIAL NO: On plate attached to the left front face of the main frame in the operator's compartment.

ENGINE SERIAL NO: On plate attached to the right hand side of the engine block.

TRANSMISSION SERIAL NO: On plate attached to the right side of the transmission housing.

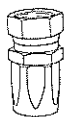
AXLE SERIAL NO. On plate attached to the axle housing.

ALPHABETICAL INDEX

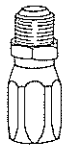
Accumulator	212	Dump Cylinder Assembly	185
Air Cleaner	63	Engine & Mounting	14
Axle & Support Group	99	Engine Controls	64
Axle Housing (Rigid Axle)	116	Engine Primer	66
Axle Housing (Steering)	103	Engine Primer Pump Assembly	65
Battery & Support Group	168	Fan	61
Brake Assembly (Rigid Axle)	117, 119	Filter	
Brake Assembly (Steering Axle)	122, 124	Fuel	42
Bucket	208	Hyd. Tank	197
Cab & Wiper Group	215	Oil	35, 37
Check Valve Assembly	194	Transmission	74
Clutch Cutoff Valve	129	Filter Assembly	74
Control Valve Assembly	199	Flywheel & Housing	24
Control Valve Parts	201	Forward & Reverse Planetaries & Clutches	82
Converter Housing & Drive Gears	76	Fuel Injection Pump, Lines & Nozzles	44
Cowl, Floor Plates & Side Panels	153	Fuel Injection Return Lines	47, 48
Crane Hook	217	Fuel Tank & Lines	164
Crankshaft	22	Generator	178, 179
Cylinder		Heater & Defroster	211
Dump	185	Hood & Side Panel Group	156
Lift	187	Hose Parts	6
Master	130	Hydraulic Tank & Cover Plate	193
Steering	141	Hydraulic Brake System	127
Wheel	121	Hydraulic Cylinders, Pump & Piping Sys.	181
Cylinder Block	17	Hydraulic Power Steering Cylinder	141
Cylinder Head	27, 29	Hydraulic Power Steering Lines	138
Decimal & Metric Equivalents	12	Hydraulic Tank & Controls	189
Differential Assembly	101	Hydraulic Tank & Valve Assembly	191
Discharge Pipe Assembly	195	Injection Nozzle Holder Assembly	50, 51
Dispenser Assembly	67	Injection Nozzles & Lines	49
Dozer Moldboard Assembly	219	Injection Pump	46
Drag Link Assembly	151	Instruments & Panel	173
Drawbar & Counterweight Group	166	Intake Manifold	52
Drive Shaft Group	68	Inter., High & Low Range Planet., Clutches	85
Duel Fuel Filter	42	Ladder & Guard Group	159

ALPHABETICAL INDEX

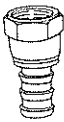
Lift Cylinder Parts	187	Radiator	62
Lift Fork	218	Radiator Support	158
Light Assembly	180	Safety Valve Assembly	194
Lights & Wiring	171	Seat Group	163
Linkage Group	161	Selector Valve Assembly	92
Main Frame	155	Shaft & Hub (Rigid Axle)	113
Main Pressure Regulating Valve Parts .	80	Shaft & Hub (Steering Axle)	105, 109
Master Cylinder Assembly	130	Starting Motor	167
Muffler	53	Steering Gear & Linkage Group . . .	145
Name Plates & Stickers	207	Steering Gear Assembly	149
Oil Charging Pump	81	Tail Light	177
Oil Cooler	41	Timing Gear Housing	20
Oil Filter	35, 37	Tires	137
Oil Filter, Air Filter & Breather . . .	197	Torque Converter Cover & Drive Group.	79
Oil Pan	33	* Transfer Gears, Cover & Output Shaft .	88
Oil Pump	39	Transfer Housing & Filter	90
Oil Strainer & Magnet	195	Transmission & Supports	75
Packaged Parts	8	Trans. Control & Rear Axle Disconnect.	97
Paint	207	Transmission Piping Group	70, 72
Parking Brake Assembly	91	Universal Joint Parts	68, 69
Parking Brake Control Group	94	Vacuum Brake System	135
Piston & Connecting Rod	19	Vacuum Pump Assembly	133
Planetary & Clutch Housing	87	Vacuum Pump & Mounting	131a
Power Steering Pump Assembly	139, 140	Valve	
Pump		Clutch cut-off	129
Engine Primer	65	Control	199, 201
Fuel Injection	46	Main Pressure Regulating	80
Hydraulic	205	Safety	194
Oil	39	Transmission Selector	92
Oil Charging	81	Valve Operating Mechanism	31
Power Steering	139, 140	Water Inlet Manifold	55
Vacuum	133	Water Outlet Manifold	54, 56
Water	58	Water Pump	58
Pump & Mounting	204	Wheel Cylinder Assembly	121
Pump Parts	205	Wheel Group	137
		* Torque Converter Pump Group	78



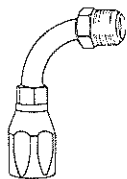
TYPE A



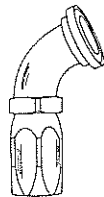
TYPE B



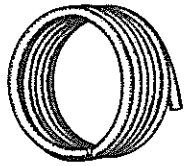
TYPE D

NIPPLE FLANGES
(For Type F Nipple)

TYPE E



TYPE F

HOSE
(25 ft. Roll)

SOCKET

HOSE PARTS

NOTE: Refer to right hand column for identity of interchangeable crimped-type hose (fittings not re-usable). Assembly number shown in left hand column indicates available replacement hose assembly with re-usable components; where no assembly number is listed, hose assembly is not available from factory but may be constructed in the field from data indicated.

HOSE ASSEMBLY NO. (See NOTE)	BULK HOSE (25' roll)	HOSE LENGTH (inches)	NIPPLE (#1 end)			NIPPLE (#2 end)			SOCKET (both ends)	NIPPLE FLANGE		CRIMPED- TYPE HOSE (See NOTE)
			Including SOCKET	NIPPLE only	Type	Including SOCKET	NIPPLE only	Type		Part No.	Dim	
3023192	919155	70	920849		A	3022685		D				
3024043	920720	146-1/2	920805		D	920805		D				
3024049	919155	106	920849		A	3022685		D				
3026378	920388	25-3/4	920806		D	920806		D				3040249
3027959	920221	38	920860	919279	B	920860	919279	B				
3029459	920388	36-5/8	920806		D	920806		D				3040378
3029512	920222	37	920916	920173	E	921033	921034	A	920282	919276	2-1/4	
	920794	27-5/8	920944	920978	A	920944	920978	A	920972			3041570
	920795	26-3/4	920945	922831	A	3016863		F	920972	921118	2-3/4	3041572

PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
-----	DECAL KIT (See PAINT AND MARKING)
-----	LINING KIT (See BRAKE ASSEMBLY)
-----	LINING KIT, parking brake (See PARKING BRAKE)
-----	REPAIR KIT, cylinder (See DUMP CYLINDER)
-----	REPAIR KIT, cylinder (See LIFT CYLINDER)
-----	REPAIR KIT, cylinder (See POWER STEERING CYLINDER)
-----	REPAIR KIT, wheel cylinder (See WHEEL CYLINDER ASSEMBLY)
-----	REPAIR KIT, pump (See WATER PUMP)
-----	RING SET, piston (See PISTON AND CONNECTING ROD)
3021235	SEAL & GASKET KIT, transmission overhaul
1	3021006 GASKET, annular
2	3021007 GASKET, plug
1	3021011 GASKET, plug
2	3021053 SEAL, shaft
2	3021056 GASKET, oil strainer
1	3021058 O-RING, sealing
2	3021065 SEAL, oil, front bearing retainer
1	3021066 GASKET (Not used, discard)
1	3021067 GASKET (Not used, discard)
1	3021080 GASKET, cover
1	3021088 GASKET, oil pump
2	3021100 RETAINER, bearing (half)
1	3021108 GASKET, converter housing
1	3021111 GASKET, valve
1	3021114 GASKET
1	3021115 GASKET, transmission, housing
1	3021117 GASKET, bearing retainer
4	3021121 RING, snap, bearing retaining (Not Illustrated)
6	3021122 STRIP, locking
1	3021125 GASKET, front bearing retainer
1	3021138 SEAL, forward and reverse plunger
1	3021144 GASKET, pump cover
3	3021146 GASKET, cover
1	3021157 GASKET, cover
1	3021190 GASKET, valve mounting
1	3021206 GASKET, converter drain
2	3021208 RING, hook type seal
1	3021210 GASKET, pump
2	3021221 RING, hook type seal
3	3021228 STRIP, locking
1	3021233 RING, seal
1	3026156 SEAL
1	3029949 WASHER, Regulating Valve (First type)
1	3031847 CUP, clutch cut-off valve piston
1	3033081 GASKET
1	3034224 GASKET
1	3035845 SEAL
1	3035861 GASKET
1	3039422 SEAL
1	3039426 WASHER
1	3042138 SEAL KIT, internal (Includes expander)
1	3042146 SEAL KIT, external (Includes expander)
1	3042147 SEAL KIT
1	----- INSTRUCTION SHEET

PACKAGE PARTS

3024603	SPACER KIT, bearing cage cup and cone	
	1	3024605 SPACER (.219" thick)
	1	3024606 SPACER (.220" thick)
	1	3024607 SPACER (.221" thick)
	1	3024608 SPACER (.222" thick)
	1	3024609 SPACER (.223" thick)
	1	3024610 SPACER (.224" thick)
3024611	SPACER KIT, bearing cage cup and cone	
	1	24612 SPACER (.230" thick)
	1	24613 SPACER (.236" thick)
	1	24614 SPACER (.242" thick)
	1	24615 SPACER (.248" thick)
	1	24616 SPACER (.254" thick)
4337973	PISTON AND SLEEVE KIT (Used prior to loader serial #555)	
	1	4336190 RING, Oil Control (5th groove)
	1	4336408 RING SET
	1	4337971 SLEEVE, cylinder
	2	4337972 PACKING RING
	1	4348447 PISTON ASSEMBLY
4337975	PISTON AND SLEEVE KIT (Effective with loader serial #555)	
	2	4255465 RETAINER, piston pin
	1	4336512 PISTON
	1	4336578 RING SET
	1	4337395 PIN, piston
	1	4337971 SLEEVE, cylinder
	2	4337972 RING, packing
4338737	GASKET KIT, cylinder head (Effective with loader serial #555)	
	4	923574 O-RING, by-pass tube
	1	4300145 GASKET, water outlet elbow
	2	4337769 GASKET, tappet cover
	4	4338511 GASKET, exhaust manifold
	4	4346138 GASKET, intake manifold
	1	4348133 GASKET, breather tube
	2	4349808 GASKET, water outlet manifold
	1	4349809 GASKET, thermostat housing
	1	4349883 GASKET, cylinder head
	1	4354113 GASKET, cylinder head cover
	4	4378031 GASKET, injection nozzle
4349764	GASKET KIT, cylinder head (Used prior to loader serial #555)	
	4	4251987 RING, sealing, tappet cover stud- (Not used-discard)
	2	4337769 GASKET, tappet cover
	4	4338511 GASKET, exhaust manifold
	4	4346138 GASKET, intake manifold
	1	4348133 GASKET, breather pipe
	2	4348189 GASKET, thermostat housing
	4	4348278 GASKET, water outlet manifold
	1	4348772 GASKET, cylinder head cover
	1	4348934 GASKET, (Not used-discard)
	1	4349883 GASKET, cylinder head
	4	4511204 GASKET, injection nozzle

PACKAGE PARTS

4349896

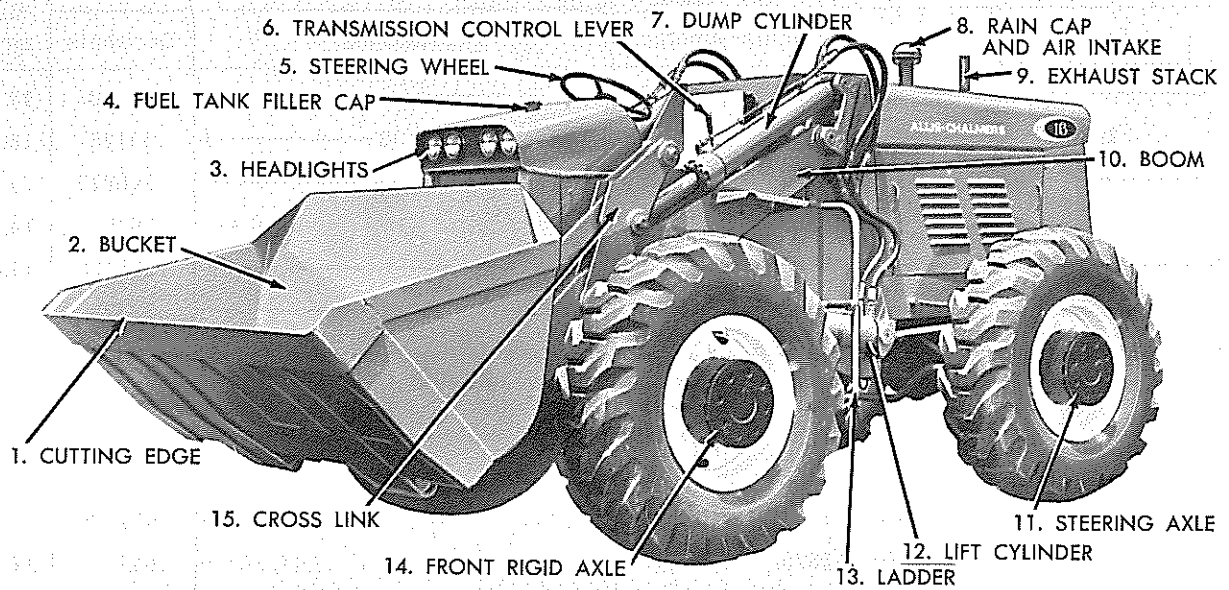
GASKET KIT, intermediate (Used prior to loader serial #555)

2	4113897	GASKET, regulating valve
1	4254624	O-RING, oil seal
1	4336897	O-RING, flywheel housing
1	4335056	GASKET, water pump volute
1	4335970	GASKET, timing gear housing cover
1	4346169	GASKET, oil line discharge, crankcase end
1	4346456	GASKET, water pump inlet connection
1	4346744	GASKET, water pump to gear housing
1	4347031	GASKET, by-pass pipe
1	4348136	GASKET, timing gear housing
1	4348184	GASKET, water outlet, oil cooler
1	4348185	GASKET, water inlet, oil cooler
1	4348215	GASKET, oil line discharge, pump end
1	4348218	GASKET, oil suction pipe
1	4349956	GASKET, lube oil filter

4349937

GASKET KIT, Intermediate (Effective with loader serial #555)

1	923589	O-RING, fan drive (Not used, discard)
2	4113897	GASKET, regulating valve
1	4254624	O-RING, oil seal
1	4335056	GASKET, water pump volute
1	4335712	GASKET, cover plate
1	4336345	GASKET, cover plate
1	4336897	O-RING, flywheel housing
1	4346169	GASKET, oil line
1	4346456	GASKET, water inlet connection
1	4346744	GASKET, water pump
1	4347031	GASKET, by-pass flange
1	4347120	GASKET, timing hole cover
1	4348126	GASKET, gear cover
1	4348136	GASKET, gear housing
1	4348184	GASKET, water outlet
1	4348185	GASKET, oil filter
1	4348215	GASKET, oil line
1	4348218	GASKET, oil suction pipe
1	4349954	GASKET, oil cooler
1	4349956	GASKET, oil filter
1	4349983	GASKET, oil cooler
1	4371289	GASKET, clean-out cover (Not used, discard)



MODEL TL16 (Diesel) TRACTOR LOADER

T-28735

DECIMAL AND METRIC EQUIVALENTS OF FRACTIONS OF AN INCH

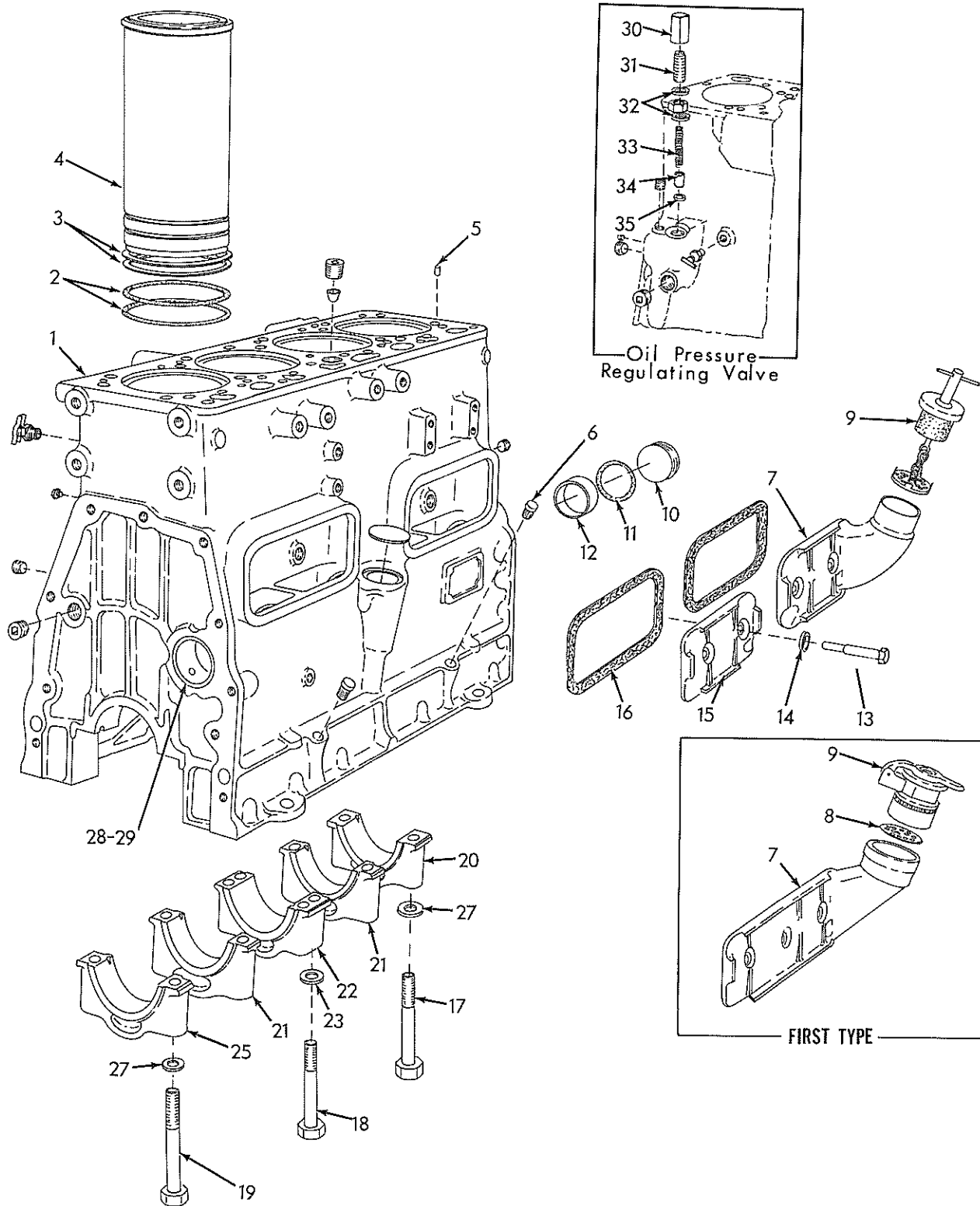
Inches			Inches		
Fractions	Decimals	Milli-meters	Fractions	Decimals	Milli-meters
1/64	.015625	.397	33/64	.515625	13.097
1/32	.03125	.794	17/32	.53125	13.494
3/64	.046875	1.191	35/64	.546875	13.891
1/16	.0625	1.588	9/16	.5625	14.288
5/64	.078125	1.984	37/64	.578125	14.684
3/32	.09375	2.381	19/32	.59375	15.081
7/64	.109375	2.778	39/64	.609375	15.478
1/8	.125	3.175	5/8	.625	15.875
9/64	.140625	3.572	41/64	.640625	16.272
5/32	.15625	3.969	21/32	.65625	16.669
11/64	.171875	4.366	43/64	.671875	17.066
3/16	.1875	4.763	11/16	.6875	17.463
13/64	.203125	5.159	45/64	.703125	17.859
7/32	.21875	5.556	23/32	.71875	18.256
15/64	.234375	5.953	47/64	.734375	18.653
1/4	.250	6.350	3/4	.750	19.050
17/64	.265625	6.747	49/64	.765625	19.447
9/32	.28125	7.144	25/32	.78125	19.844
19/64	.296875	7.541	51/64	.796875	20.241
5/16	.3125	7.938	13/16	.8125	20.638
21/64	.328125	8.334	53/64	.828125	21.034
11/32	.34375	8.731	27/32	.84375	21.431
23/64	.359375	9.128	55/64	.859375	21.828
3/8	.375	9.525	7/8	.875	22.225
25/64	.390625	9.922	57/64	.890625	22.622
13/32	.40625	10.319	29/32	.90625	23.019
27/64	.421875	10.716	59/64	.921875	23.416
7/16	.4375	11.113	15/16	.9375	23.813
29/64	.453125	11.509	61/64	.953125	24.209
15/32	.46875	11.906	31/32	.96875	24.606
31/64	.484375	12.303	63/64	.984375	25.003
1/2	.500	12.700	1	1.000	25.400

VOLUME AND WEIGHT CONVERSION CONSTANTS — U.S. TO METRIC

Pints x .4732 = Liters
 Quarts x .9463 = Liters
 Gallons x 3.7853 = Liters
 Pounds x .4536 = Kilograms

ENGINE AND MOUNTING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
3	090240	2	MOUNT, shock, rear
	913105	4	CAPSCREW, 1/2" NF x 1-1/2"
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
4	091080	2	BRACKET, front mount
	915987	8	CAPSCREW, 1/2" NC x 1-1/2"
	904208	8	LOCKWASHER, 1/2"
	915985	2	CAPSCREW, 5/8" NF x 3-1/2"
	900819	4	WASHER, plain, 5/8"
	916589	2	NUT, locking, 5/8" NF
5	090240	2	MOUNT, shock, front
	916311	4	CAPSCREW, 1/2" NC x 1-1/4"
	904208	4	LOCKWASHER, 1/2"



CYLINDER BLOCK

T-34387

AVOID ACCIDENTS

MOST ACCIDENTS, WHETHER THEY OCCUR IN INDUSTRY, ON THE FARM, AT HOME OR ON THE HIGHWAY, ARE CAUSED BY THE FAILURE OF SOME INDIVIDUAL TO FOLLOW SIMPLE AND FUNDAMENTAL SAFETY RULES OR PRECAUTIONS. FOR THIS REASON MOST ACCIDENTS CAN BE PREVENTED BY RECOGNIZING THE REAL CAUSE AND DOING SOMETHING ABOUT IT BEFORE THE ACCIDENT OCCURS.

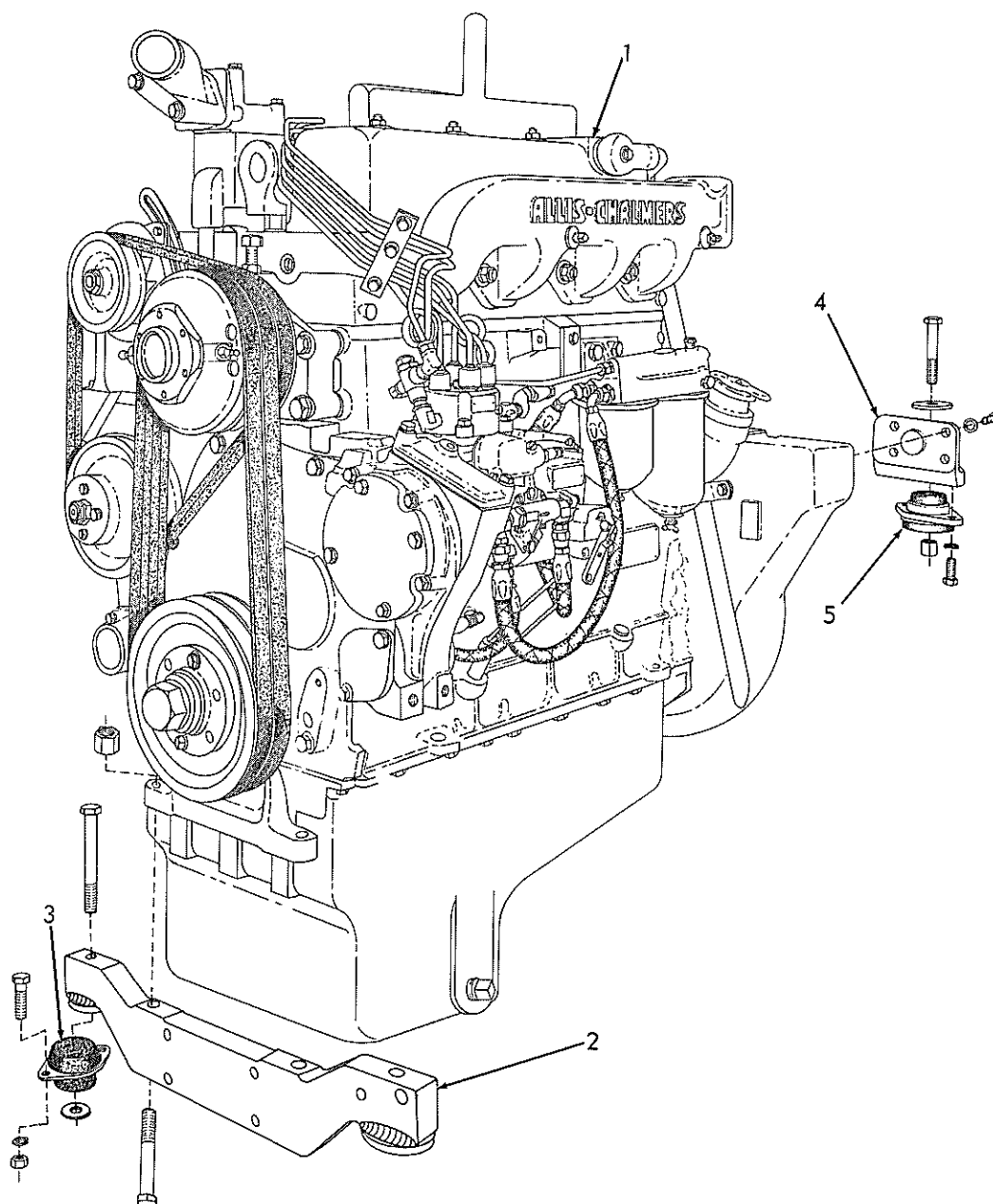
REGARDLESS OF THE CARE USED IN THE DESIGN AND CONSTRUCTION OF ANY TYPE OF EQUIPMENT THERE ARE MANY CONDITIONS THAT CANNOT BE COMPLETELY SAFEGUARDED AGAINST WITHOUT INTERFERING WITH REASONABLE ACCESSIBILITY AND EFFICIENT OPERATION.

A careful operator is the best insurance against an accident. The complete observance of one simple rule would prevent many thousand serious injuries each year. That rule is:
Never attempt to clean, oil or adjust a machine while it is in motion.

NATIONAL SAFETY COUNCIL

WARNING

ON MACHINES HAVING HYDRAULICALLY, MECHANICALLY, AND/OR CABLE CONTROLLED EQUIPMENT (SUCH AS SHOVELS, LOADERS, DOZERS, SCRAPERS, etc.) BE CERTAIN THE EQUIPMENT IS LOWERED TO THE GROUND BEFORE SERVICING, ADJUSTING AND/OR REPAIRING. IF IT IS NECESSARY TO HAVE THE HYDRAULICALLY, MECHANICALLY, AND/OR CABLE CONTROLLED EQUIPMENT PARTIALLY OR FULLY RAISED TO GAIN ACCESS TO CERTAIN ITEMS, BE SURE THE EQUIPMENT IS SUITABLY SUPPORTED BY MEANS OTHER THAN THE HYDRAULIC LIFT CYLINDERS, CABLE, AND/OR MECHANICAL DEVICES USED FOR CONTROLLING THE EQUIPMENT.



ENGINE AND MOUNTING

T-22994

ITEM	PART NO.	QTY.	DESCRIPTION
1	3026229	1	ENGINE ASSEMBLY (Used loader serial #205 thru #554) (See Master Numerical Index)
	4336660	1	ENGINE ASSEMBLY (Used loader serial #555 thru #1800) (See Master Numerical Index)
2	3025966	1	SUPPORT, engine, rear
	917873	4	CAPSCREW, 5/8" NF x 6"
	916589	4	NUT, locking, 5/8" NF

(Continued)

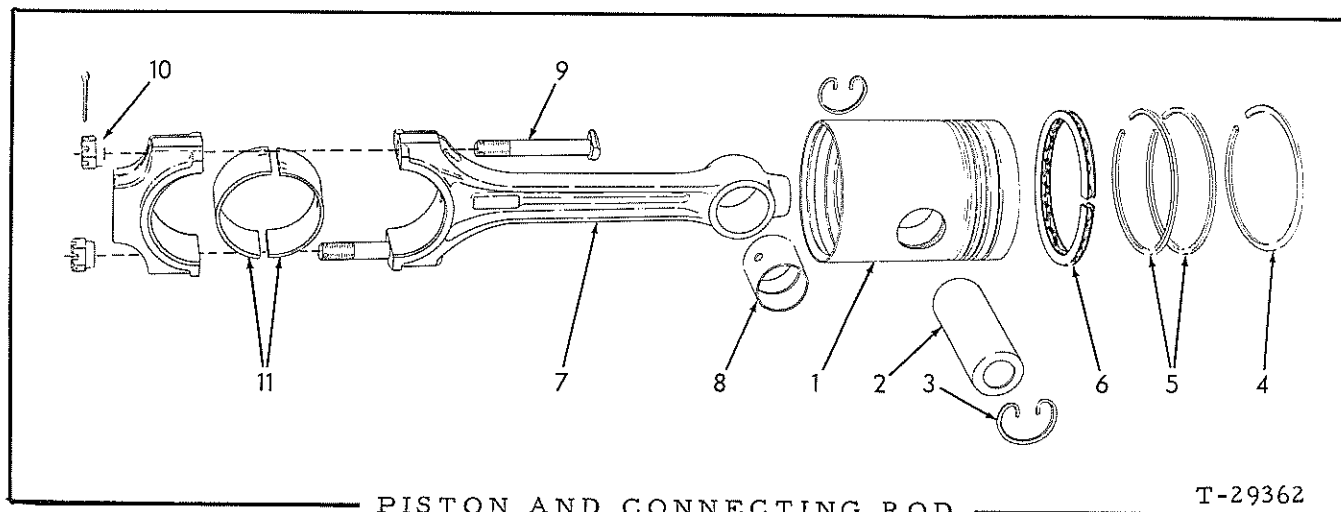
CYLINDER BLOCK

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338682	1	BLOCK ASSEMBLY (Includes items 5, 6, 17 thru 29, 35 and 36)
	919134	2	PLUG, pipe, 1/8" NPT
	920333	2	PLUG, pipe, 3/8" NPT
	904223	2	PLUG, pipe, ctsk-hd., 1/2" NPT
	920416	1	PLUG, pipe, 1/2" NPT
	918851	1	PLUG, pipe, ctsk-hd., 3/4" NPT
	912415	2	COCK, drain, 1/4" NPT
2	4346184	8	□ RING, packing, cylinder sleeve (Used prior to eng. serial #117699)
	4337972	8	□ RING, packing, cylinder sleeve (Effective with eng. serial #117699)
3	4348857	-	SHIM, cylinder sleeve (.005" thick-Use as req'd)
	4348859	-	SHIM, cylinder sleeve (.010" thick-Use as req'd)
	4348858	-	SHIM, cylinder sleeve (.015" thick-Use as req'd)
	4348900	-	SHIM, cylinder sleeve (.020" thick-Use as req'd)
4	4337971	4	□ SLEEVE, cylinder
5	4336432	2	PIN, dowel, cylinder head
6	4362338	2	PLUG, crankcase
7	4348913	1	COVER, valve lifter, front (Used prior to eng. ser. #6-20702)
	4338675	1	COVER, valve lifter, front (Effective with eng. ser. #6-20702)
8	4335022	1	STRAINER, oil filler. (Used prior to engine serial #6-20702)
9	4366461	1	CAP ASSEMBLY, oil filler (Serviced only as a unit) (Used prior to engine serial #6-20702)
	4354449	1	CLOSURE ASSEMBLY, oil filler (Serviced only as a unit) (Effective with engine serial #6-20702)
10	4335534	1	PLUG, camshaft hole
11	4254624	1	□ O-RING, camshaft hole plug
12	4346108	1	BEARING, camshaft, front, std. size
	4347413	1	BEARING, camshaft, intermediate (.010" undersize)
13	4335455	4	BOLT, valve lifter cover
14	4335456	4	WASHER, sealing, valve lifter cover bolt
15	4348912	1	COVER, valve lifter, rear
16	4337769	2	□ GASKET, valve lifter cover
17	-----	6	STUD, front and intermediate main bearings, 3/4" x 5-7/8" (Used prior to engine serial #6-20262. Order CAPSCREW 4339036)
	4339036	6	CAPSCREW, front and intermediate main bearings, 3/4" NC x 4-5/16" (Effective with engine serial #6-20262)

(Continued)

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	-----	4	STUD, center main bearing (5/8" diam.) (Used prior to engine serial #6-20262. Order CAPSCREW 4339038)
	4339038	4	CAPSCREW, center main bearing (Effective with engine serial #6-20262)
19	-----	2	STUD, rear main bearing (3/4" dia., 5-1/2" long) (Used prior to engine serial #6-20262. Order CAPSCREW 4339037)
	4339037	2	CAPSCREW, rear main bearing (Effective with engine serial #6-20262)
20	4349631	1	CAP, front main bearing (See note below)
21	4349632	2	CAP, intermediate main bearing (See note below)
22	4349629	1	CAP, center main bearing (See note below)
23	4389910	4	WASHER, center main bearing capscrow
24	4346322	4	NUT, center main bearing stud (5/8" NF) (Used prior to engine serial #6-20262) (Not illustrated)
25	4349630	1	CAP, rear main bearing (See note below)
26	4346191	8	NUT, main bearing stud (3/4" NF) (Used prior to engine serial #6-20262) (Not illustrated)
27	4354175	8	WASHER, main bearing capscrow
28	4346100	1	BEARING, camshaft, rear, std. size
	4347416	1	BEARING, camshaft, rear (.010" undersize)
29	4346099	2	BEARING, camshaft, intermediate, std. size
	4347419	2	BEARING, camshaft, intermediate (.010" undersize)
30	-----	1	NUT, cap, oil pressure regulating valve (Used prior to engine serial #6-21077. Order SCREW 4389058)
31	-----	1	SCREW, oil pressure regulating valve (Used prior to engine serial #6-21077. Order SCREW 4389058)
	4389058	1	SCREW, oil pressure, regulating valve (Effective with engine serial #6-21077)
	910847	1	NUT, jam, 3/4" NF
32	4113897	2	□ GASKET, regulating valve nut (Used prior to engine serial #6-21077)
33	4660358	1	SPRING, oil pressure regulating valve
34	4500230	1	PISTON, oil pressure regulating valve
35	4347465	1	INSERT, oil pressure regulating valve seat
36	-----	4	PIN, dowel (See CRANKSHAFT) (Not illustrated)
37	4347061	1	RESTRICTOR, oil passage (Not illustrated)
			NOTE: Replacement bearing caps are semi-finished and must be line-bored after installing.
			□ (Also see PACKAGED PARTS)



PISTON AND CONNECTING ROD

T-29362

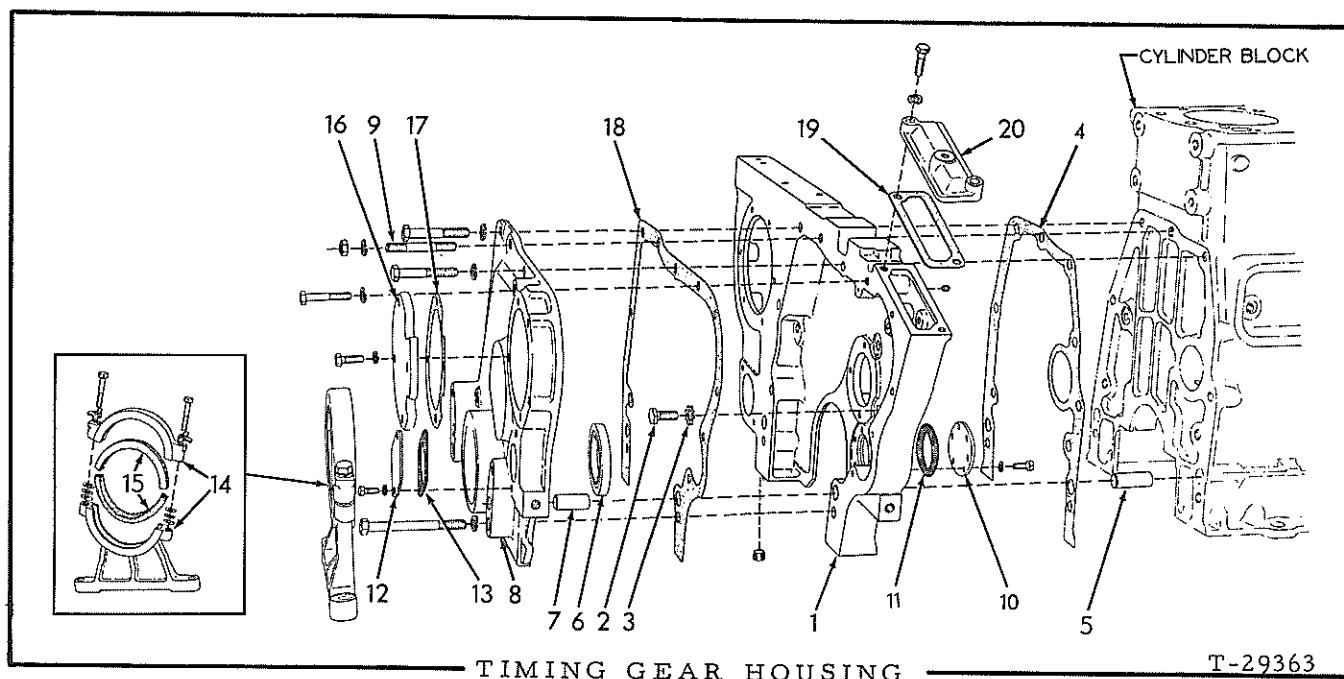
USAGE: * Used prior to loader serial #555
 ** Effective with loader serial #555

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	4348077	4	-	PISTON
	4336512	-	4	PISTON
2	4347281	4	-	PIN, piston
	4337395	-	4	PIN, piston
3	4254608	8	-	RETAINER, piston pin
	4255465	-	8	RETAINER, piston pin
4	4347458	4	4	RING, compression (top groove)
5	4347235	8	8	RING, compression (2nd and 3rd grooves)
6	4336408	4	-	RING, oil control (4th groove)
	4336190	4	-	RING, oil control (5th groove)
	4336559	-	4	RING, oil control (4th groove)
7	4354188	4	-	ROD ASSEMBLY, connecting (Includes items 8 thru 10)
	4354258	-	4	ROD ASSEMBLY, connecting (Includes items 8 thru 10)
8	4340081	4	-	BUSHING, connecting rod
	4339017	-	4	BUSHING, connecting rod
9	4354179	8	8	BOLT, connecting rod
10	4354748	8	8	NUT, connecting, rod bolt
	900806	8	8	PIN, cotter, 1/8" x 1"

(Continued)

PISTON AND CONNECTING ROD (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
11	4337701	8	8	BEARING, connecting rod (standard size)
	4337702	8	8	BEARING, connecting rod (.010" undersize)
	4337703	8	8	BEARING, connecting rod (.020" undersize)
	4337704	8	8	BEARING, connecting rod (.030" undersize)
	4337705	8	8	BEARING, connecting rod (.040" undersize)
-	4336408	1	-	RING SET, piston (Consists of items 4, 5 and 6)
-	4336578	-	1	RING SET, piston (Consists of items 4, 5 and 6)



USAGE: * Used prior to loader serial #555
 ** Effective with loader serial #555

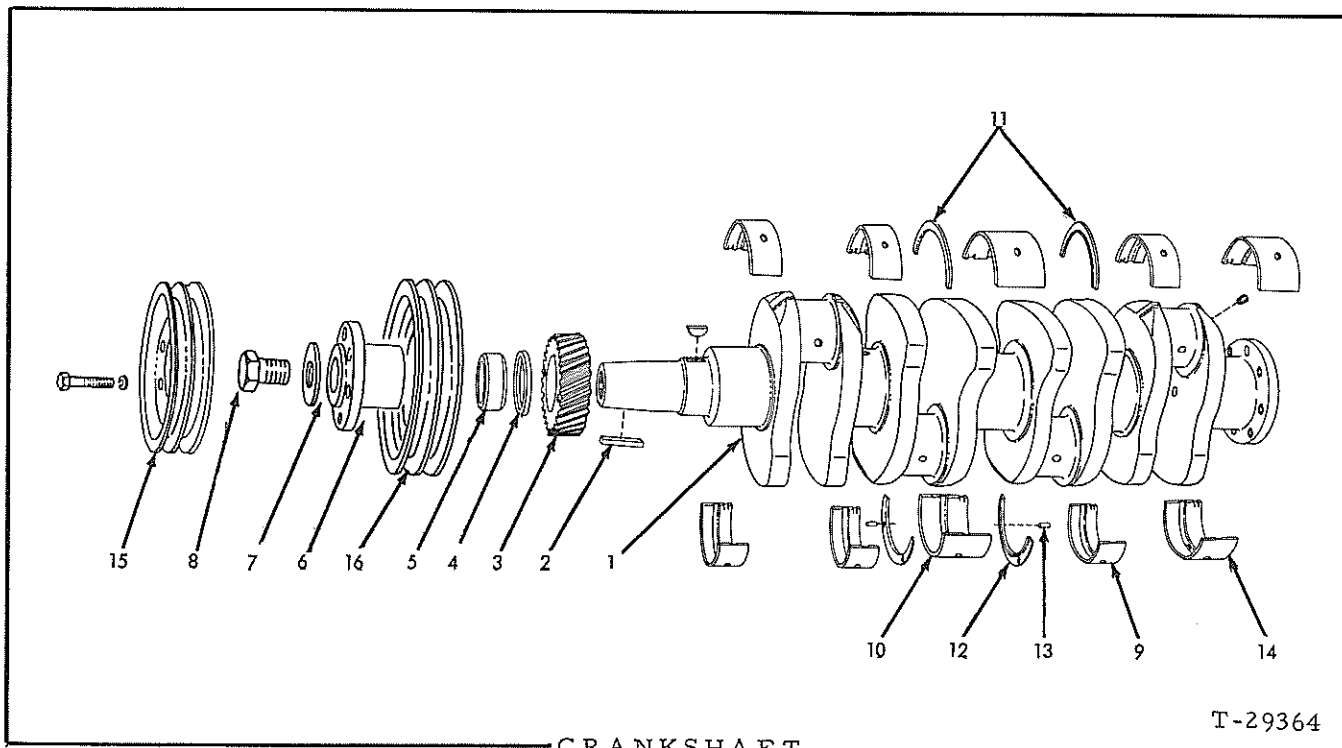
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	4335966	1	-	HOUSING, timing gear (See Master Numerical Index)
	4337228	-	1	HOUSING, timing gear
	919134	-	1	PLUG, pipe, 1/8" NPT
	920416	-	1	PLUG, pipe, 1/2" NPT
	916873	-	1	COCK, drain, 3/8" NPT
2	4004054	3	3	CAPSCREW, 1/2" x 1-1/16"
3	4253490	3	3	LOCKWASHER
4	4348136	1	1	□ GASKET, timing gear housing
5	4346246	2	2	PIN, dowel, timing gear housing
6	4338507	1	1	SEAL, oil, crankshaft
7	4348107	2	2	PIN, dowel, timing gear cover

(Continued)

TIMING GEAR HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
8	4349993	1 -	COVER ASSEMBLY, timing gear housing (Includes item 7) (See Master Numerical Index)
	4335631	- 1	COVER ASSEMBLY, timing gear housing (Includes item 7) (See Master Numerical Index)
	915969	3 3	CAPSCREW, 1/2" NC x 3"
	903782	1 1	CAPSCREW, 1/2" NC x 3-1/2"
	910257	2 1	CAPSCREW, 1/2" NC x 4-3/4" (Two used prior to engine serial #114593)
	910211	3 -	CAPSCREW, 3/8" NC x 1-1/8"
	903634	3 -	CAPSCREW, 3/8" NC x 2"
	921299	- 3	CAPSCREW, 1/2" NC x 4" (Effective with loader serial #114593)
	919287	- 3	CAPSCREW, 3/8" NC x 1-7/8"
	916274	- 2	CAPSCREW, 3/8" NC x 2-1/4"
	904208	6 6	LOCKWASHER, 1/2"
	904206	5 5	LOCKWASHER, 3/8"
9	4335371	1 1	STUD, timing gear housing
	904208	1 1	LOCKWASHER, 1/2"
	910195	1 1	NUT, 1/2" NF
10	4336346	- 1	COVER, timing gear housing
	916277	- 6	CAPSCREW, 5/16" NC x 5/8"
	917330	- 6	WASHER, plain, copper, 5/16"
11	4336345	- 1	□ GASKET, housing cover
12	4335711	- 1	PLATE, timing gear cover
13	4335712	- 1	□ GASKET, cover plate
14	4335067	1 1	BRACKET, engine mounting (Includes cap)
	916009	10 10	WASHER, shimming (1/32" thick)
	4254891	2 2	CAPSCREW, 1/2" NC x 2-1/2"
	4335550	2 2	LOCKWASHER
15	4336491	2 2	LINER, engine mounting bracket
16	4348310	- 1	PLATE, cover, injection pump driving gear
	916269	- 4	CAPSCREW, 3/8" NC x 7/8"
	904206	- 4	LOCKWASHER, 3/8"
17	4349011	- 1	GASKET, cover plate
18	4335970	1 -	□ GASKET, timing gear housing cover
	4348126	- 1	□ GASKET, timing gear housing cover
19	4347120	- 1	□ GASKET, timing hole cover
20	4336524	- 1	COVER, fuel pump timing hole
	919225	- 1	CAPSCREW, 3/8" NC x 1-3/8"
	919226	1 -	CAPSCREW, 3/8" NC x 1-5/8"
	904206	- 2	LOCKWASHER, 3/8"

□ (See PACKAGED PARTS)

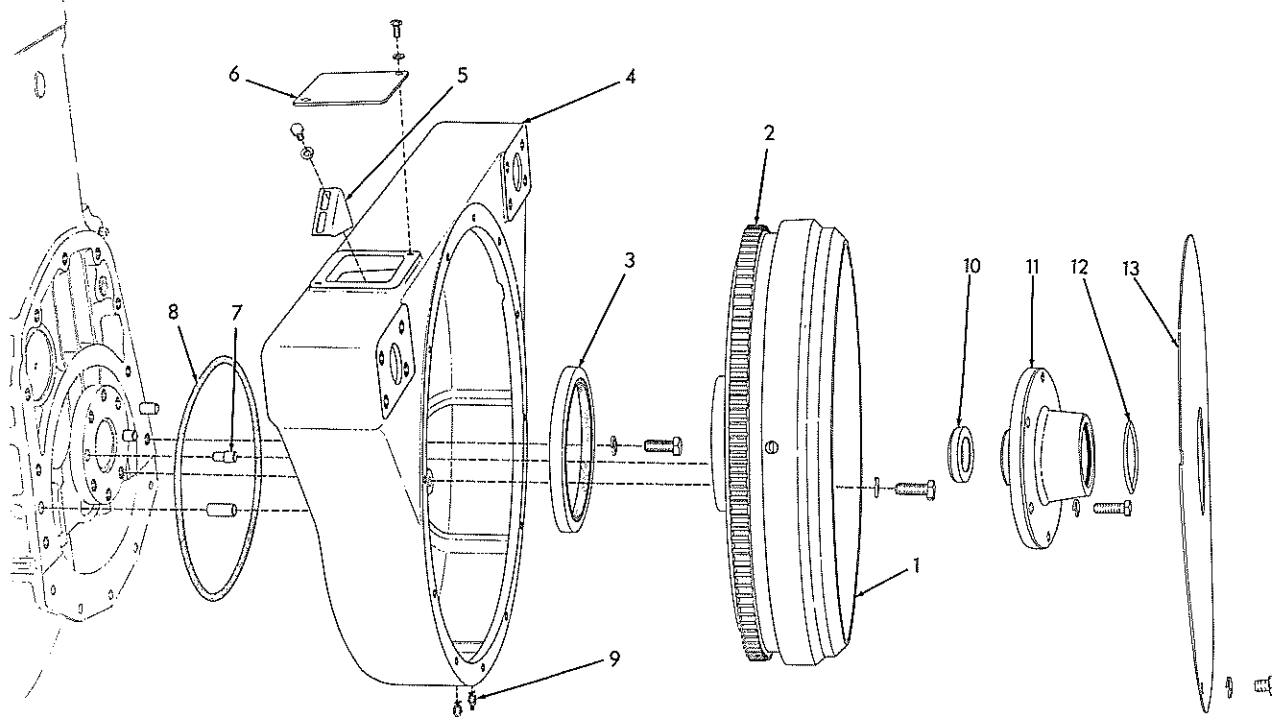


ITEM	PART NO.	QTY.	DESCRIPTION
1	4348424	1	CRANKSHAFT ASSEMBLY (Includes PLUGS indented below) (See Master Numerical Index)
	917673	4	PLUG, pipe, hex-socket, 1/8" NPT
	919840	1	PLUG, pipe, hex-hd., 1/4" NPT (For shipping only)
2	4003490	1	KEY, crankshaft pulley
3	4348353	1	GEAR, crankshaft (Used loader serial #205 thru #554)
	4346205	1	GEAR, crankshaft (Used prior to Engine #117245)
	905127	1	KEY, "B" woodruff, 5/16" x 1"
	4337060	1	GEAR, crankshaft (Effective with Engine #117245)
4	4374391	1	SPACER, front oil seal sleeve
5	4374390	1	SLEEVE, front oil seal
6	4347699	1	HUB, power take-off
7	4371503	1	WASHER, crankshaft pulley bolt
8	4335436	1	CAPSCREW, crankshaft pulley
9	4337710	6	BEARING, rear and intermediate main (standard size)
	4337711	6	BEARING, rear and intermediate main (.010" undersize)
	4337712	6	BEARING, rear and intermediate main (.020" undersize)
	4337713	6	BEARING, rear and intermediate main (.030" undersize)
	4337714	6	BEARING, rear and intermediate main (.040" undersize)

(Continued)

CRANKSHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	4337735	1	BEARING KIT, center main (standard size)
	4337736	1	BEARING KIT, center main (.010" undersize)
	4337737	1	BEARING KIT, center main (.020" undersize)
	4337738	1	BEARING KIT, center main (.030" undersize)
	4337739	1	BEARING KIT, center main (.040" undersize)
NOTE: Each Bearing Kit listed above includes upper and lower bearings, set of standard thrust flanges and dowel pins.			
11	4337683	2	FLANGE, thrust, center main, upper (standard size)
	4337684	2	FLANGE, thrust center main, upper (.005" oversize)
	4337685	2	FLANGE, thrust center main, upper (.010" oversize)
	4337686	2	FLANGE, thrust, center main, upper (.015" oversize)
12	4337687	2	FLANGE, thrust, center main, lower (standard size)
	4337688	2	FLANGE, thrust, center main, lower (.005" oversize)
	4337689	2	FLANGE, thrust, center main, lower (.010" oversize)
	4337690	2	FLANGE, thrust, center main, lower (.015" oversize)
13	4250898	4	PIN, dowel, thrust flange
14	4337698	2	BEARING, front main (standard size)
	4337699	2	BEARING, front main (.010" undersize)
	4337700	2	BEARING, front main (.020" undersize)
	4337715	2	BEARING, front main (.030" undersize)
	4337716	2	BEARING, front main (.040" undersize)
15	3026127	1	PULLEY (Power Steering Pump)
	3022900	1	PIN, roll
	916866	5	CAPSCREW, 7/16" NC x 2-3/4"
	904207	5	LOCKWASHER, 7/16"
16	4347700	1	PULLEY



FLYWHEEL AND HOUSING

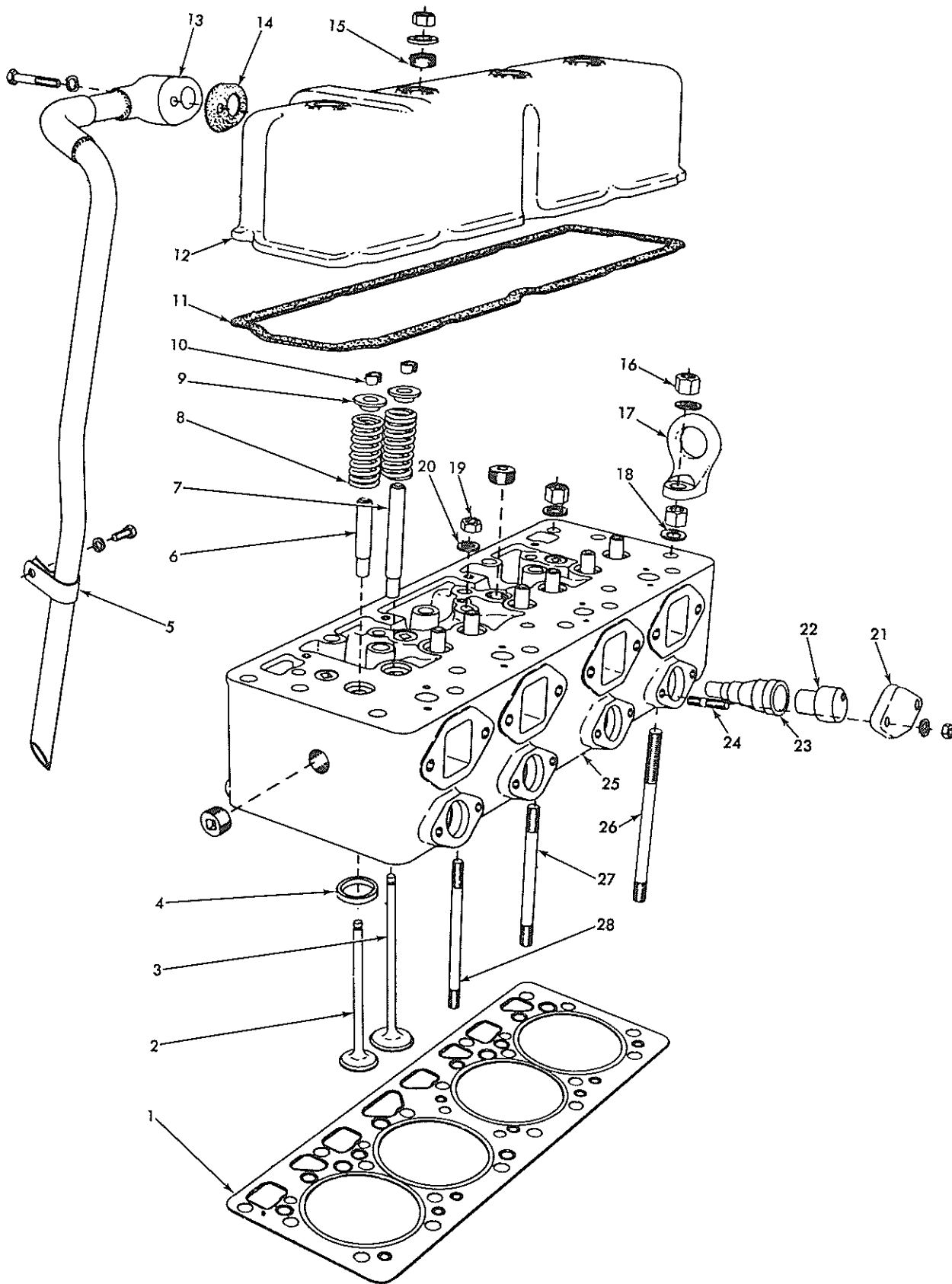
T-29365

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338541	1	FLYWHEEL ASSEMBLY (Includes item 2)
	4504100	6	CAPSCREW, 1/2" NF x 1-11/16 (Used prior to engine serial #6-20146)
	904208	6	LOCKWASHER, 1/2" (Used prior to engine serial #6-20146)
	4255337	6	BOLT, lock (Effective with engine serial #6-20146)
	910333	2	PLUG, expansion
	4336621	1	STRIP, timing (Used prior to engine serial #6-20146)
2	4341292	1	GEAR, ring
3	4338219	1	SEAL, oil, crankshaft rear,end
4	4336647	1	HOUSING, flywheel (Prior to engine serial #113303 also order 1 PLATE 4336604 and 1 POINTER 4336609)
	916311	9	CAPSCREW, 1/2" NC x 1-1/4"
	904208	9	LOCKWASHER, 1/2"
	917021	2	PIN, dowel, 1/2" x 1"
5	4348410	1	POINTER, timing (Used prior to engine serial #113303)
	4336609	1	POINTER, timing (Effective with engine serial #113303)
	916284	2	CAPSCREW, 1/4" NC x 1/2"
	904204	2	LOCKWASHER, 1/4"

(Continued)

FLYWHEEL AND HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	4348253	1	COVER, timing hole (Used prior to engine serial #113303)
	4336604	1	COVER, timing hole (Effective with engine serial #113303)
	916284	2	CAPSCREW, 1/4" NC x 1/2"
	904204	2	LOCKWASHER, 1/4"
7	4500300	2	DOWEL, flywheel to crankshaft
8	4336897	1	RING, sealing, flywheel housing to crankcase
9	4336771	2	PLUG ASSEMBLY, drain (Includes cotter pin)
10	3024562	1	BUSHING
11	3024009	1	ADAPTER
	914847	6	CAPSCREW, 3/8" NC x 1-1/2"
	904206	6	LOCKWASHER, 3/8"
12	923582	1	O-RING, sealing
13	3024561	1	COVER (Flywheel)
	916270	6	CAPSCREW, 3/8" NC x 1/2"
	904206	6	LOCKWASHER, 3/8"



CYLINDER HEAD

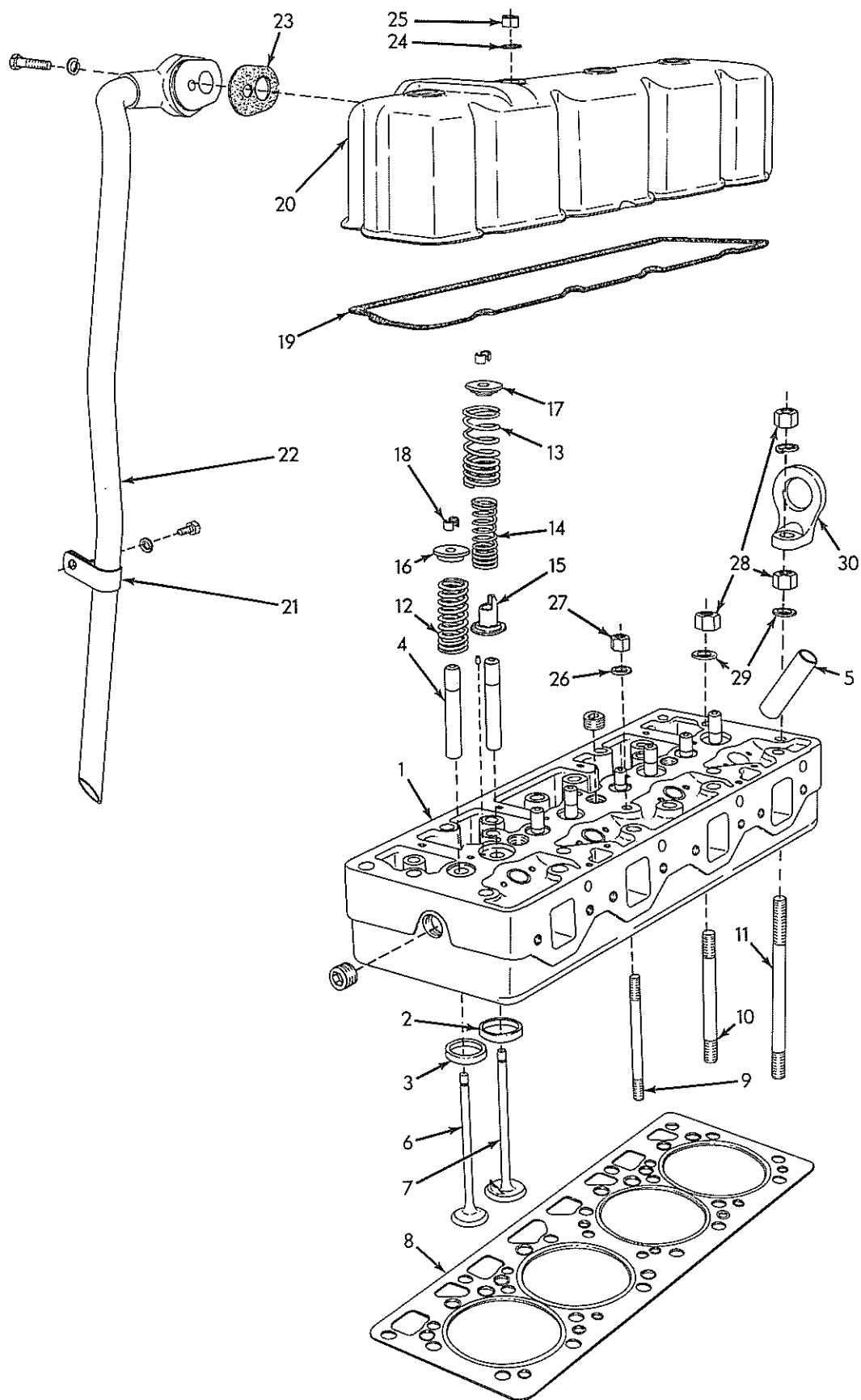
T-71715

CYLINDER HEAD

USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349883	1	GASKET, cylinder head
2	4348090	4	VALVE, exhaust
3	4348079	4	VALVE, intake
4	4346146	4	INSERT, exhaust valve seat
5	4253771	1	CLIP, breather tube
	903629	1	CAPSCREW, 3/8" NC x 3/4"
	904206	1	LOCKWASHER, 3/8"
6	4346093	4	GUIDE, exhaust valve
7	4346092	4	GUIDE, intake valve
8	4345412	8	SPRING, valve
9	4343799	8	RETAINER, valve spring
10	4347270	16	LOCK, valve spring retainer (half)
11	4348772	1	□ GASKET, rocker cover
12	4348021	1	COVER ASSEMBLY, rocker (Includes insert)
13	4349634	1	TUBE, breather
	903633	1	CAPSCREW, 3/8" NC x 1-3/4"
	904206	1	LOCKWASHER, 3/8"
14	4348133	1	□ GASKET, breather tube
15	4375938	4	WASHER, sealing
	910986	4	NUT, 7/16" NF
	906985	4	WASHER, plain, US std., 7/16"
16	4366780	21	NUT, cylinder head stud, 5/8" NF
17	4348243	2	EYE, engine lifting (Front and rear)
	904209	2	LOCKWASHER, 5/8"
18	4372863	19	WASHER, cylinder head nut (For 5/8" stud)
19	4366781	5	NUT, cylinder head stud, 1/2" NF
20	4372864	5	WASHER, cylinder head nut (For 1/2" stud)
21	4346543	4	RETAINER, energy cell
22	4341123	4	PLUG, energy cell
23	4345658	4	CELL ASSEMBLY, energy (Includes 1 Orifice and Pin) (Serviced only as a unit)
24	4335573	8	STUD, energy cell retainer, 3/8" NC x 3/8" NF x 2-3/8"
	4348440	8	NUT, 3/8" NF
	904206	8	LOCKWASHER, 3/8"
25	4349891	1	HEAD ASSEMBLY, cylinder (Includes 6 PLUG 918851 and items 4 thru 6)
	918851	6	PLUG, pipe, ctsk., 3/4" NPT
26	4389362	2	STUD, cylinder head, 5/8" x 9-7/16"
27	4339509	17	STUD, cylinder head, 5/8" x 8"
28	4372724	5	STUD, cylinder head, 1/2" x 7-5/8"

□(Also see PACKAGED PARTS)



CYLINDER HEAD

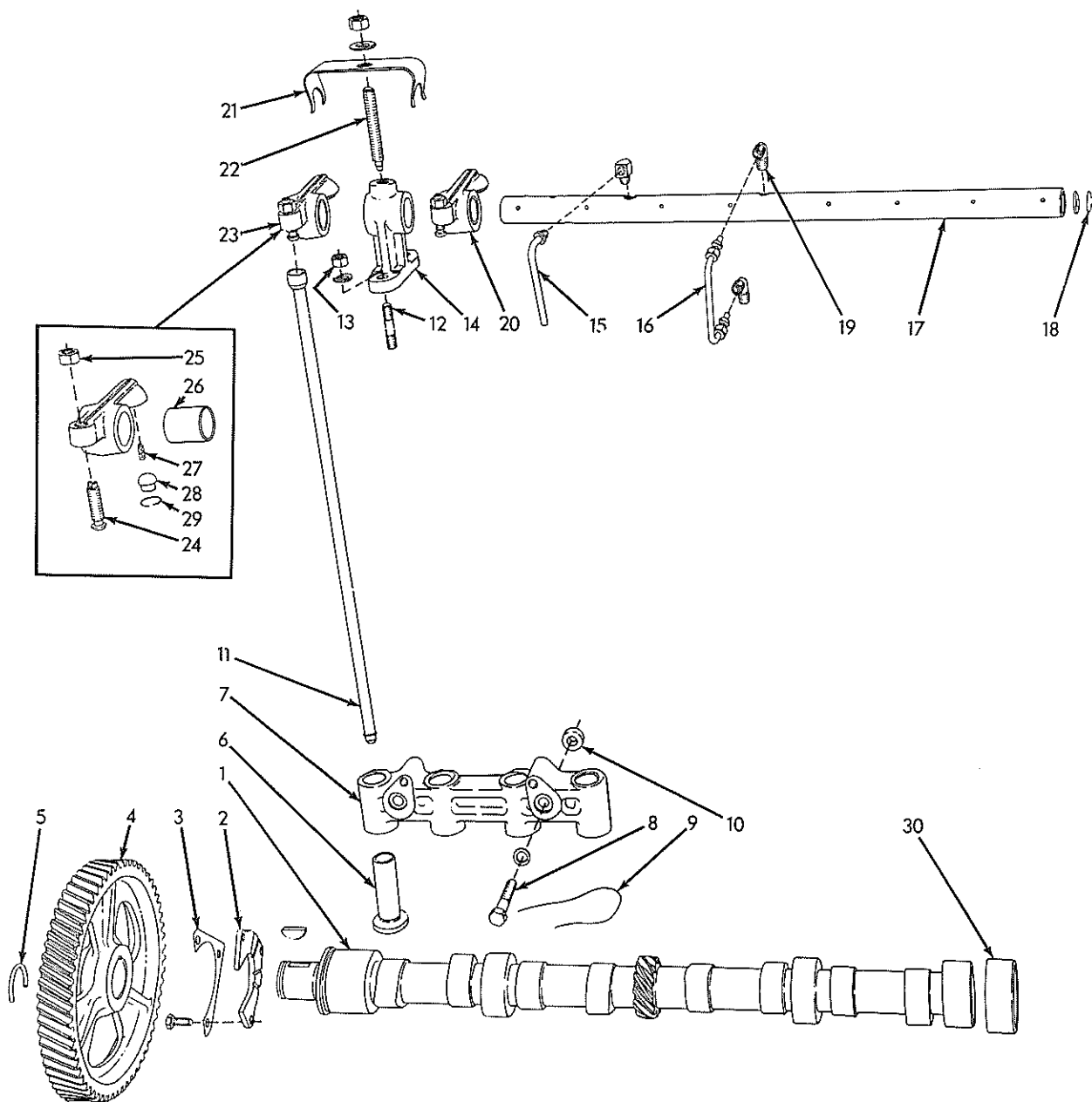
T-29366

CYLINDER HEAD

USAGE: Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4339615	1	HEAD ASSEMBLY, cylinder (Includes 5 PLUG 920340, 4 PIN 917560 and items 2 thru 5)
	920340	5	PLUG, pipe, hex-socket, 3/4" NPT
	917560	4	PIN, dowel, 3/16" x 3/8" (intake valve locator)
2	4339546	4	INSERT, intake valve seat (std.)
	4336601	4	INSERT, intake valve seat (.005" oversize)
3	4339547	4	INSERT, exhaust valve seat (std.)
	4336602	4	INSERT, exhaust valve seat (.005" oversize)
4	4336586	8	GUIDE, valve stem
5	4336157	4	SLEEVE, injection nozzle
6	4336128	4	VALVE, exhaust
7	4336127	4	VALVE, intake
8	4349883	1	□ GASKET, cylinder head
9	4336187	5	STUD, cylinder head (1/2" x 6-1/8")
10	4336185	17	STUD, cylinder head (5/8" x 6-1/2")
11	4339510	2	STUD, cylinder head (5/8" x 8")
12	4336131	4	SPRING, exhaust valve
13	4336129	4	SPRING, intake valve, outer
14	4336130	4	SPRING, intake valve, inner
15	4336758	4	LOCATOR, intake valve
16	4343799	4	RETAINER, exhaust valve spring
17	4336153	4	RETAINER, intake valve spring
18	4376497	16	LOCK, valve spring retainer (half)
19	4354113	1	□ GASKET, rocker cover
20	4354111	1	COVER, rocker
21	4253771	1	CLIP, breather tube supporting
	915408	1	CAPSCREW, 3/8" NC x 3/4"
	904206	1	LOCKWASHER, 3/8"
22	4349812	1	TUBE, breather
	916273	1	CAPSCREW, 3/8" NC x 1-3/4"
	904206	1	LOCKWASHER, 3/8"
23	4348133	1	□ GASKET, breather tube
24	4376749	4	WASHER, sealing, rocker cover nut
25	4375937	4	NUT, rocker cover
26	4372864	5	WASHER, cylinder head nut (for 1/2" stud)
27	4388205	5	NUT, cylinder head stud, 1/2" NF
28	4388202	21	NUT, cylinder head stud, 5/8" NF
29	4354490	19	WASHER, cylinder head nut (for 5/8" stud)
30	4348243	2	EYE, engine lifting
	904209	2	LOCKWASHER, 5/8"

□ (Also see PACKAGED PARTS)



VALVE OPERATING MECHANISM

T-29367

VALVE OPERATING MECHANISM

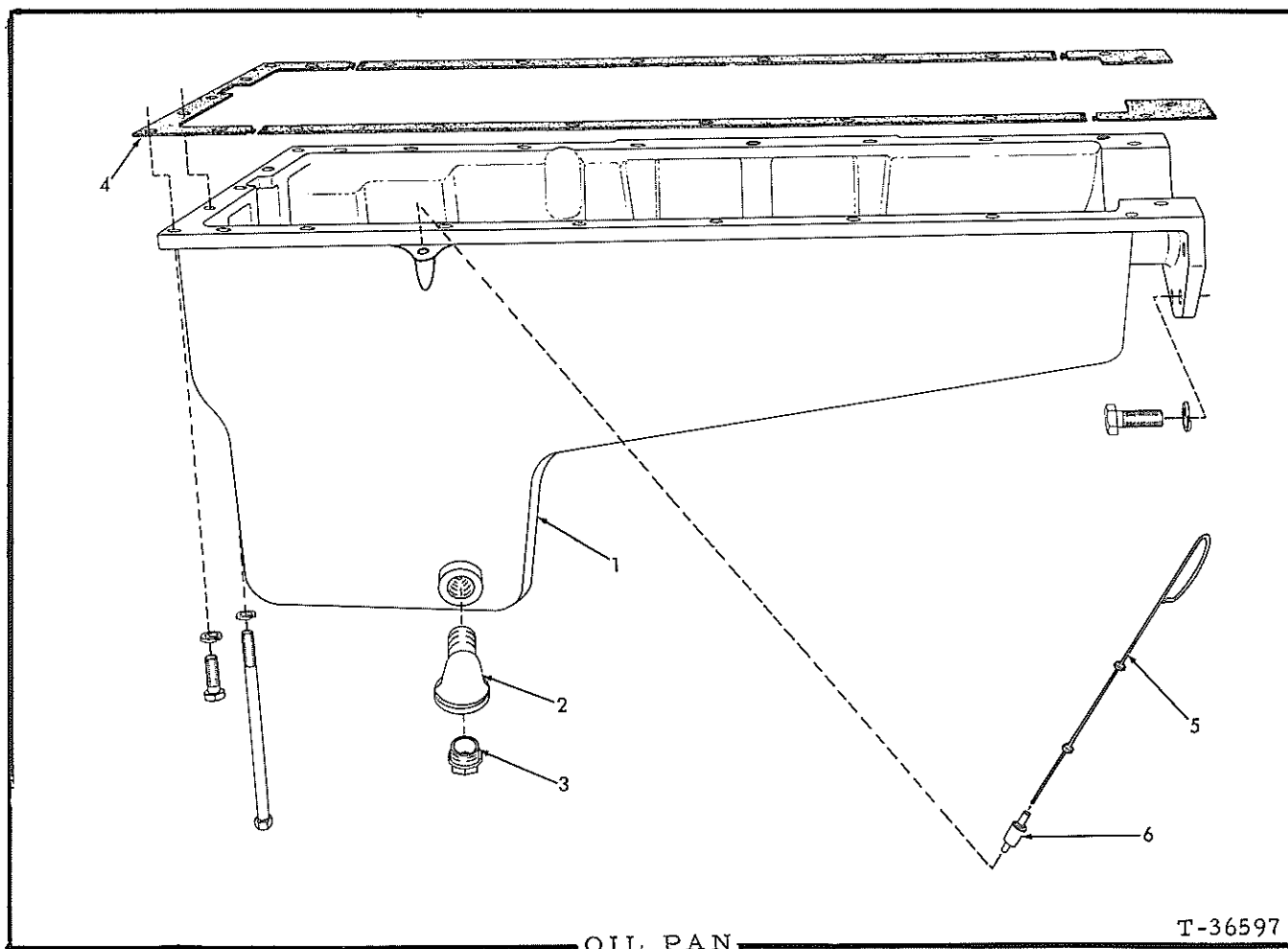
USAGE: * Used prior to loader serial #555
 ** Effective with loader serial #555

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	4348049	1 -	CAMSHAFT
	4337731	- 1	CAMSHAFT
	905126	1 1	KEY, #5 woodruff, 1/4" x 1"
2	4349257	1 1	COLLAR, camshaft thrust
	916277	3 3	CAPSCREW, 5/16" NC x 5/8"
3	4025391	1 1	PLATE, capscREW locking
4	4335948	1 -	GEAR, camshaft (Also order 1 GEAR 4335977)
	4346206	- 1	GEAR, camshaft (Used prior to engine serial #117245)
	4337045	- 1	GEAR, camshaft (Effective with engine serial #117245)
5	4346307	1 1	RING, snap, gear retaining
6	4338299	8 8	LIFTER, valve
7	4348074	2 2	BRACKET, valve lifter
8	4335548	4 4	CAPSCREW, drilled-hd., 3/8" NC x 1-7/8"
	904206	4 4	LOCKWASHER, 3/8"
9	4348964	4 4	WIRE, locking
10	4347832	4 4	DOWEL, hollow, valve lifter bracket
11	4346209	8 -	ROD, push
	4336234	- 8	ROD, push
12	4506946	8 8	STUD, rocker shaft bracket (3/8" NC x 3/8" NF x 1-9/16")
	904206	8 8	LOCKWASHER, 3/8"
13	4348440	8 8	NUT, 3/8" NF
14	4335057	4 -	BRACKET, rocker shaft
	4336142	- 4	BRACKET, rocker shaft
15	4349157	1 1	TUBE ASSEMBLY, rocker shaft drain (Includes nut)
	913040	1 1	ELBOW, inverted flare, 90°, 1/4" tube, 1/4" NPT male
16	4348452	1 1	TUBE, oil, rocker shaft
	911437	2 2	NUT, compression fitting, 1/4" tube
	911435	2 2	SLEEVE, compression fitting, 1/4" tube
	911017	1 1	ELBOW, compression, 1/4" tube, 1/8" NPT male
17	4348917	1 1	SHAFT ASSEMBLY, rocker arm (Includes 910002 PLUGS and item 18)
	910002	2 2	PLUG, expansion, 3/4" diam.
18	4254363	2 2	RING, snap, rocker shaft
19	4335381	1 1	ELBOW, rocker shaft oil tube (restricted)

(Continued)

VALVE OPERATING MECHANISM (Continued)

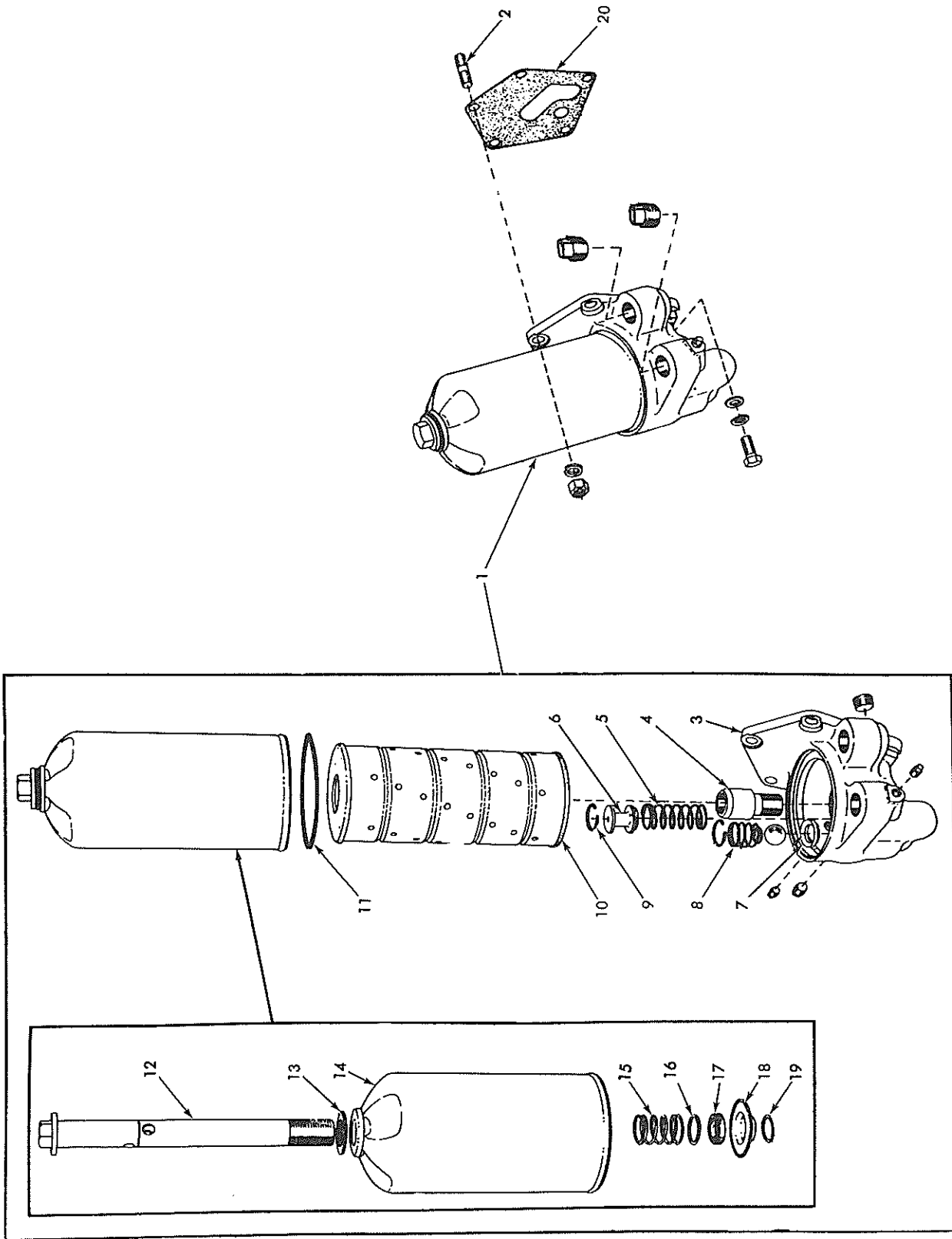
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
20	4346018	4	-	ARM ASSEMBLY, rocker, exhaust valve (Includes items 24 thru 29)
	4337479	-	4	ARM ASSEMBLY, rocker, exhaust valve (Includes items 24 thru 29)
21	4338143	4	4	CLIP, spring, rocker arm retaining
22	4348130	1	1	SCREW, rocker shaft retaining (3" long, dog-pt.)
	4348129	3	3	STUD, rocker arm retaining clip (2-5/8" long)
	912298	4	4	WASHER, plain, SAE std., 7/16"
	910986	4	4	NUT, 7/16" NF
23	4346017	4	-	ARM ASSEMBLY, rocker, intake valve (Includes items 24 thru 29)
	4337478	-	4	ARM ASSEMBLY, rocker, intake valve (Includes items 24 thru 29)
24	4304051	8	-	SCREW, valve lash adjustment
	4336646	-	8	SCREW, valve lash adjustment
25	4348440	8	8	NUT, valve lash adjustment screw
26	4660369	8	8	BUSHING, rocker arm
27	4364422	8	8	WICK, oiling, rocker ball
28	4661329	8	-	BALL, rocker arm
	4379305	-	8	BALL, rocker arm
29	4661328	8	-	RETAINER, rocker arm ball
	4385480	-	8	RETAINER, rocker arm ball
30	-----	-	-	BEARING, camshaft (See CYLINDER BLOCK)



USAGE: * Used prior to loader serial #555

** Effective with loader serial #555

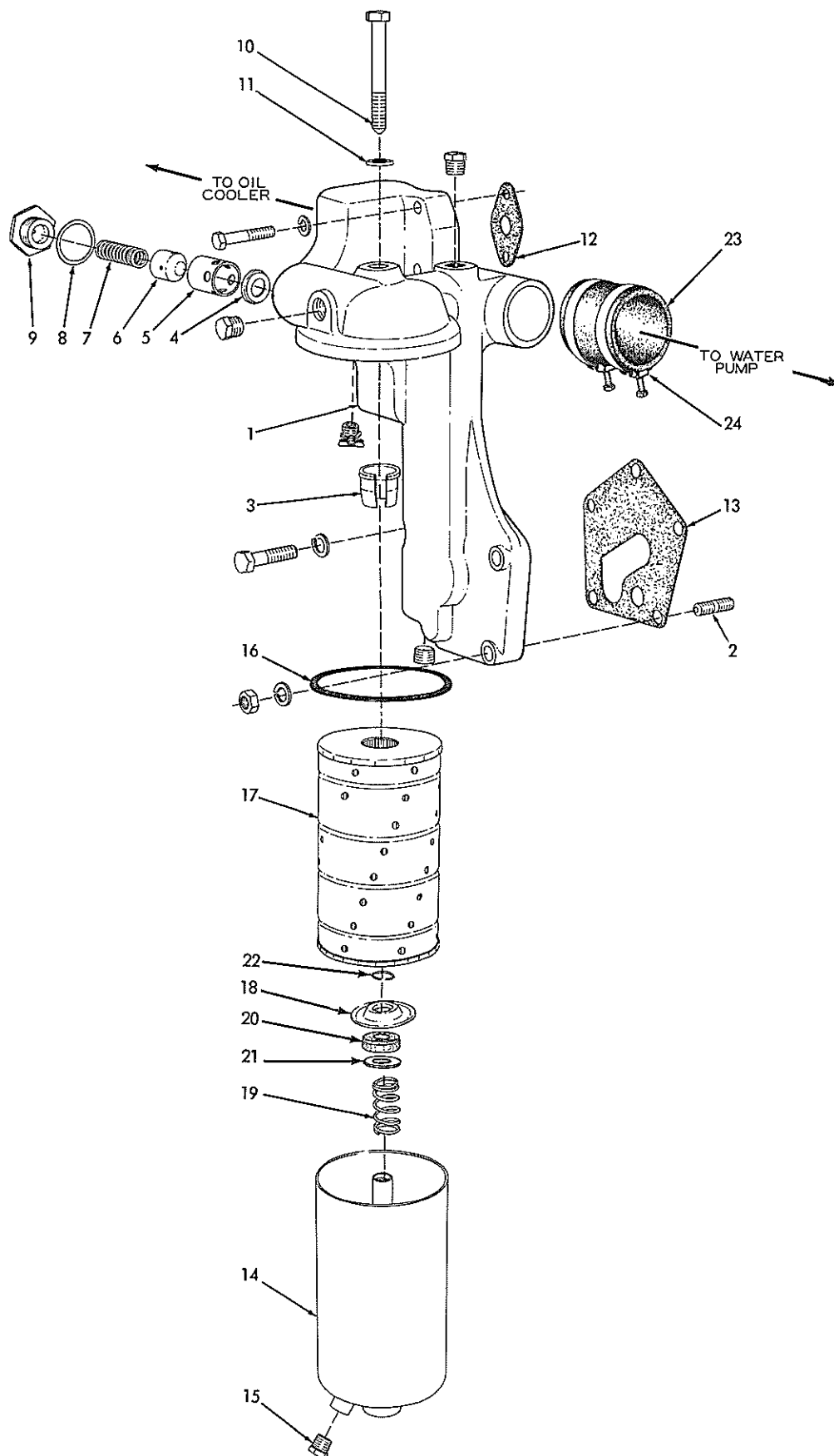
ITEM	PART NO.	QTY.	DESCRIPTION
1	4338962	1 1	PAN, oil
	919224	23 23	CAPSCREW, 3/8" NC x 1-1/8"
	914392	2 2	CAPSCREW, 5/16" NC x 1"
	919292	3 3	CAPSCREW, 3/8" NC x 6-3/4"
	904206	23 23	LOCKWASHER, 3/8"
	904205	5 5	LOCKWASHER, 5/16"
	917970	- 1	PLUG, pipe, 1/2" NPT (Effective with eng. ser. #120905)
2	901725	1 1	ELBOW, 90°, street, 3/4"
3	920525	1 1	PLUG, pipe, oil drain, 3/4" NPT
4	4348142	1 1	GASKET SET, oil pan (5 pieces)
5	4349867	1 -	GAUGE, oil level (Used prior to engine serial #106298)
	4349900	1 -	GAUGE, oil level (Effective with engine serial #106298)
	4336668	- 1	GAUGE, oil level (Used prior to engine serial #113258)
	4336772	- 1	GAUGE, oil level (Effective with engine serial #113258)
	4506607	1 1	SEAL, oil level gauge
6	4349037	1 1	ADAPTER, oil level gauge



OIL FILTER

USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4348760	1	FILTER ASSEMBLY, oil (Includes items 3 thru 19)
	903638	3	CAPSCREW, 1/2" NC x 1-1/4"
	912007	3	WASHER, plain, 17/32" I.D.
2	4348314	2	STUD, 1/2" NC x 1/2" NF x 1-7/8"
	910195	5	NUT, 1/2" NF
	904208	5	LOCKWASHER, 1/2"
3	4348755	1	BASE ASSEMBLY, filter (Includes items 4 thru 9 and hardware indented below)
	919134	2	PLUG, pipe, steel, 1/8"
	919840	1	PLUG, pipe, steel, 1/4"
	904223	1	PLUG, pipe, steel, 1/2", ctsk., 3/8" square
	905262	2	PLUG, pipe, steel, 3/4", 5/8" sq. -hd.
	917015	1	BALL, steel, 7/8" dia.
4	4348636	1	ADAPTER, center bolt
5	4348087	1	SPRING, pressure relief valve
6	4348086	1	VALVE, pressure relief
7	4348580	1	INSERT, check valve seat
8	4347190	1	SPRING, check valve
9	4253766	2	RING, snap, valve retaining
10	4348261	1	KIT, element, oil filter (Includes item 11)
11	4506161	1	GASKET, oil filter body
12	4374735	1	BOLT ASSEMBLY, center (Serviced only as a unit)
13	4041103	1	GASKET, center bolt
14	4348272	1	BODY, oil filter
15	4348267	1	SPRING, filter element
16	4348268	1	WASHER, filter element seal
17	4348270	1	SEAL, filter element
18	4348269	1	ADAPTER, filter element
19	4253195	1	RING, snap, center bolt
20	4349956	1	GASKET, filter to crankcase



OIL FILTER

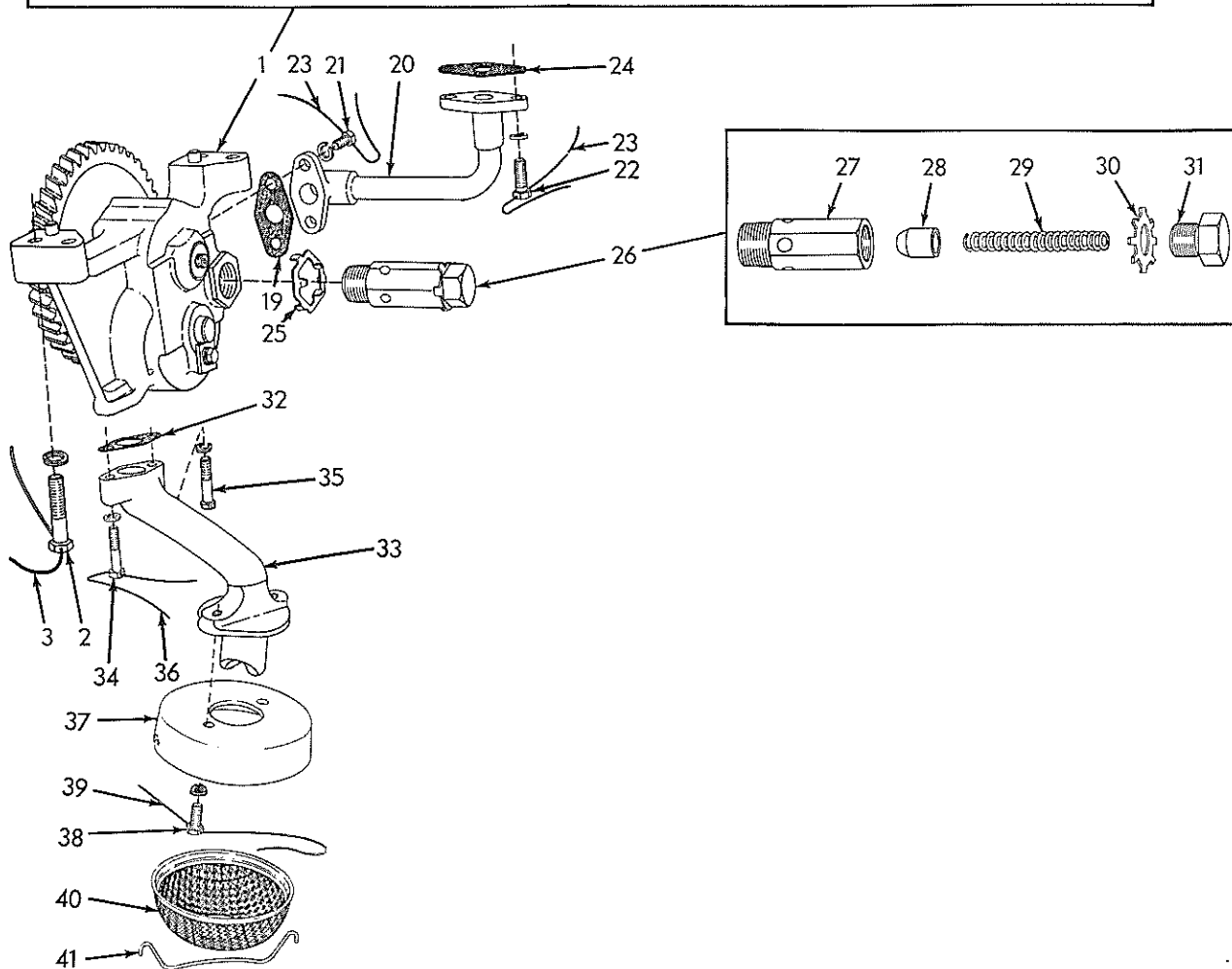
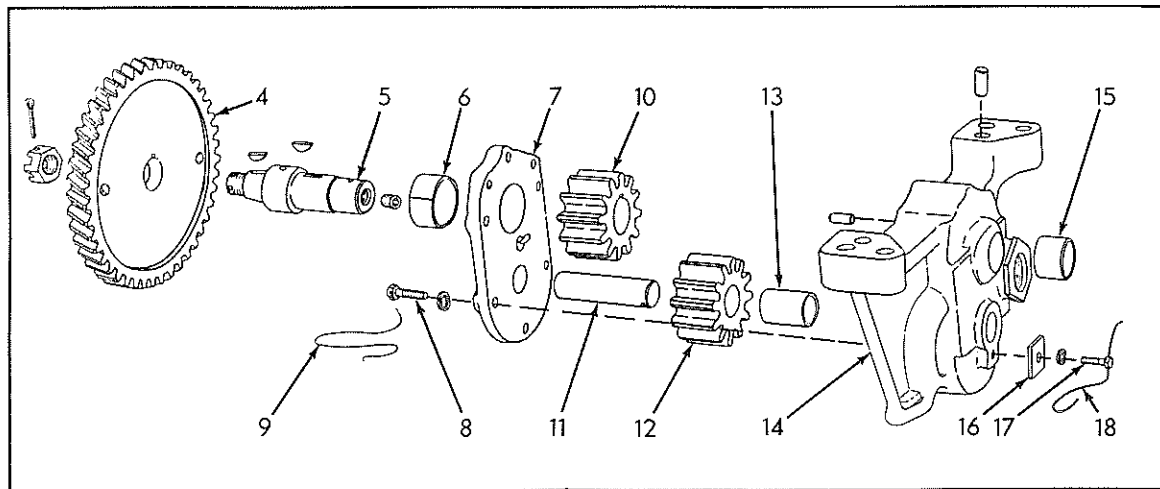
T-29369

OIL FILTER

USAGE: Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349969	1	HEAD ASSEMBLY (Includes items 3 thru 9 and PLUGS indented below)
	920416	2	PLUG, pipe, hex-hd., 1/2" NPT
	904223	1	PLUG, pipe, ctsk-hd., 1/2" NPT
	903634	2	CAPSCREW, 3/8" NC x 2"
	904206	2	LOCKWASHER, 3/8"
	903640	2	CAPSCREW, 1/2" NC x 2"
	904208	2	LOCKWASHER, 1/2"
	912415	1	COCK, drain, T-handle, 1/4" NPT
2	{ 4348314	1	STUD, 1/2" NC x 1/2" NF x 1-7/8" (filter head to block)
	4336799	1	STUD, filter head to block
	904208	2	LOCKWASHER, 1/2"
	910195	2	NUT, 1/2" NF
3	4379263	1	GUIDE, cartridge
4	4373614	1	INSERT, by-pass valve
5	4373612	1	SLEEVE, by-pass valve piston
6	4373613	1	PISTON, by-pass valve
7	4335666	1	SPRING, by-pass valve
8	4253751	1	GASKET, by-pass valve cap
9	4349957	1	CAP, by-pass valve
10	4349962	1	CAPSCREW, body retaining
11	4376749	1	WASHER, sealing, body retaining capscREW
12	4348185	1	□ GASKET, filter head to block, upper
13	4349956	1	□ GASKET, filter head to block, lower
14	4349977	1	BODY, oil filter
15	918951	1	PLUG, drain, filter body
16	4372325	1	GASKET, body to head
17	4349986	1	CARTRIDGE ASSEMBLY (Includes item 16)
18	4055971	1	ADAPTER, cartridge centering, lower
19	4379268	1	SPRING, cartridge retaining
20	4053409	1	SEAL, cartridge adapter
21	4053410	1	WASHER, cartridge adapter seal
22	4379269	1	RING, snap, adapter and spring retaining
23	4336794	1	HOSE, water pump to filter head
24	4253922	2	CLAMP, hose

□ (Also see PACKAGED PARTS)



OIL PUMP

T-29370

OIL PUMP

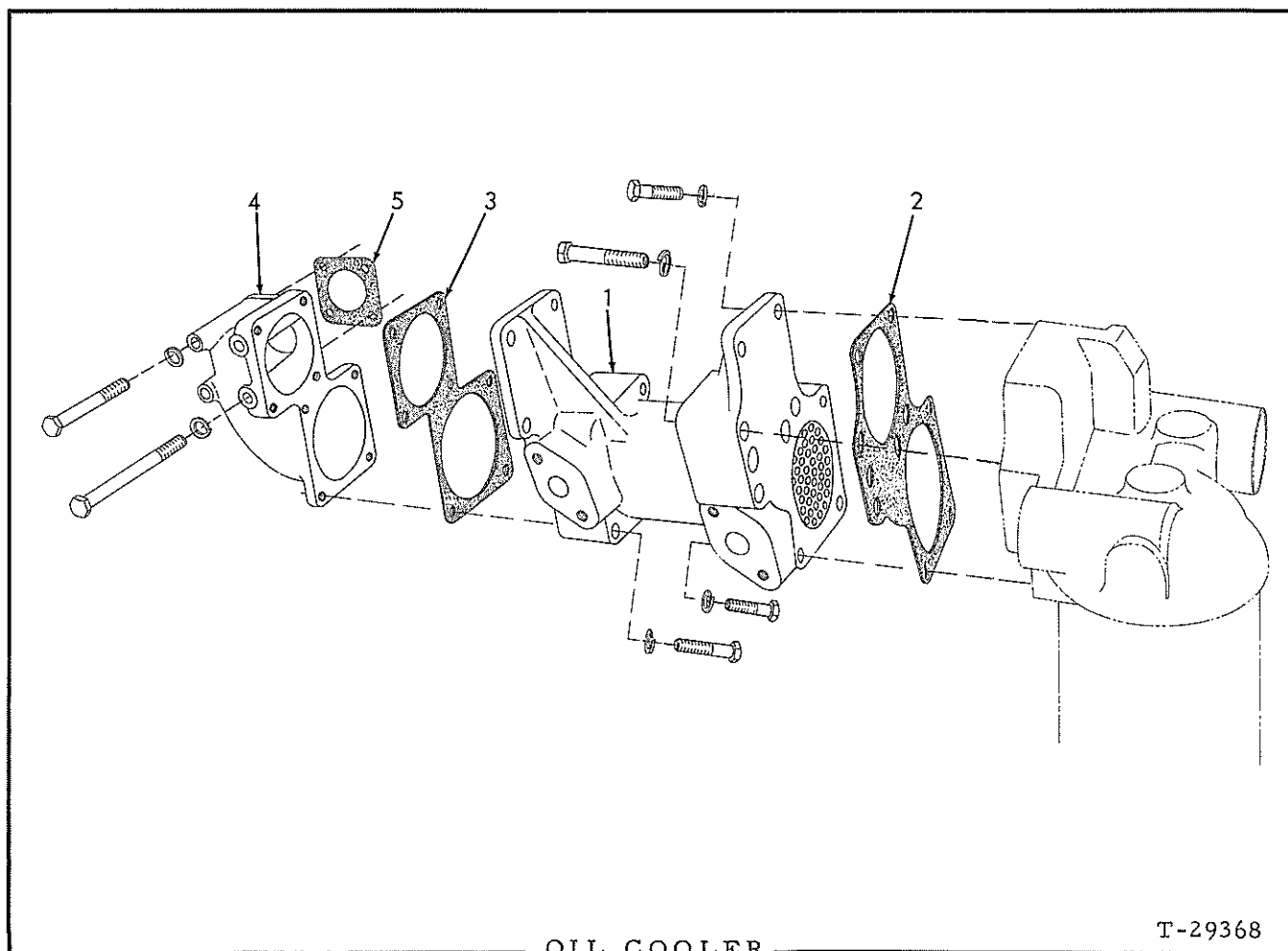
ITEM	PART NO.	QTY.	DESCRIPTION
1	4348886	1	PUMP ASSEMBLY, oil (Consists of items 4 thru 18) (Used prior to engine #117245)
	4337059	1	PUMP ASSEMBLY, oil (Consists of items 4 thru 18) (Effective with engine #117245)
2	4348692	4	CAPSCREW, drilled-hd., 3/8" NC x 1-3/4"
	904206	4	LOCKWASHER, 3/8"
3	4348691	2	WIRE, locking (#18 x 6")
4	4348352	1	GEAR, driving (Used prior to engine #117245)
	4337047	1	GEAR, driving (Effective with engine #117245)
5	4348894	1	SHAFT, upper
	910224	2	KEY, #6 woodruff, 5/32" x 5/8"
	900807	1	PIN, cotter, 1/8" x 1-1/4"
	917673	1	PLUG, pipe, hex-socket, 1/8" NPT
	912840	1	NUT, slotted, 5/8" NF
6	4347659	1	BUSHING, pump cover
7	4348044	1	COVER ASSEMBLY, (Includes item 6)
8	4875601	6	CAPSCREW, drilled-hd., 1/4" NC x 7/8"
	904204	6	LOCKWASHER, 1/4"
9	4348691	3	WIRE, locking (#18 x 6")
10	4348883	1	GEAR, upper
11	4348038	1	SHAFT, lower
12	4348891	1	GEAR ASSEMBLY, lower (Includes item 13)
13	4348083	1	BUSHING, lower gear
14	4348885	1	HOUSING ASSEMBLY (Includes item 15 and dowel PINS indented below)
	917554	1	PIN, dowel, 1/4" x 1/2"
	917546	2	PIN, dowel, 3/8" x 5/8"
15	4348303	1	BUSHING, pump housing
16	4348020	1	RETAINER, lower shaft
17	4349378	1	CAPSCREW, drilled-hd., 1/4" NC x 1/2"
	904204	1	LOCKWASHER, 1/4"
18	4348769	1	WIRE, locking (#18 x 4")
19	4348215	1	□ GASKET, discharge pipe to pump
20	4349877	1	PIPE, discharge (Used prior to engine serial #106298)
	4348834	1	PIPE, discharge (Effective with engine serial #106298)
21	4320227	2	CAPSCREW, drilled-hd., 5/16" NC x 7/8"
	904205	2	LOCKWASHER, 5/16"
22	4346483	2	CAPSCREW, drilled-hd., 3/8" NC x 1-1/4"
	904206	2	LOCKWASHER, 3/8"
23	4509035	2	WIRE, locking ("18 x 10")
24	4346169	1	□ GASKET, discharge pipe to crankcase
25	4347938	1	LOCKWASHER, pressure relief valve body

(Continued)

OIL PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	4339204	1	VALVE ASSEMBLY, oil pressure relief (Consists of items 27 thru 31)
27	-----	1	BODY, pressure relief valve (Not serviced separately)
28	-----	1	PISTON, pressure relief valve (Not serviced separately)
29	4373672	1	SPRING, pressure relief valve
30	4374564	1	WASHER, locking, relief valve cap
31	4386525	1	CAP, pressure relief valve
32	4348218	1	□ GASKET, suction pipe to pressure pump
33	{ 4349863	1	TUBE, suction (Used prior to engine serial # 106298)
34	{ 4349875	1	TUBE, suction (Effective with engine serial #106298)
	4349375	1	CAPSCREW, drilled-hd., 5/16" NC x 1-5/8" (2 used prior to engine serial # 106298)
35	4349383	1	CAPSCREW, drilled-hd., 5/16" NC x 2"
	904205	2	LOCKWASHER, 5/16"
36	4509035	1	WIRE, locking (#18 x 10")
37	4348684	1	COVER, oil screen
38	4374129	2	CAPSCREW, drilled-hd., 5/16" NC x 3/4"
	904205	2	LOCKWASHER, 5/16"
39	4509035	1	WIRE, locking (#18 x 10")
40	4348683	1	SCREEN, oil
41	4348682	1	RETAINER, oil screen

□ (Also see PACKAGED PARTS)

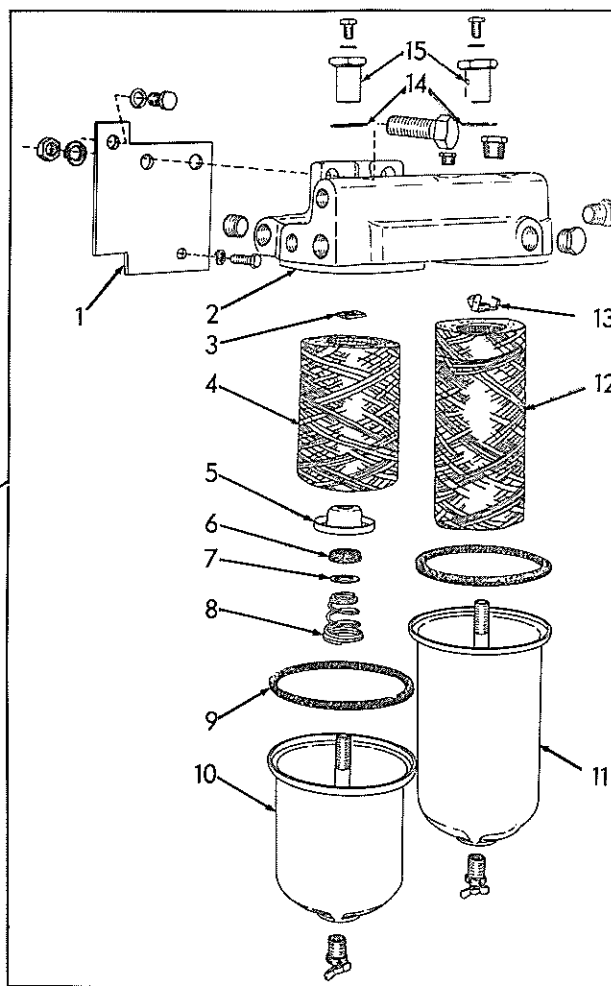
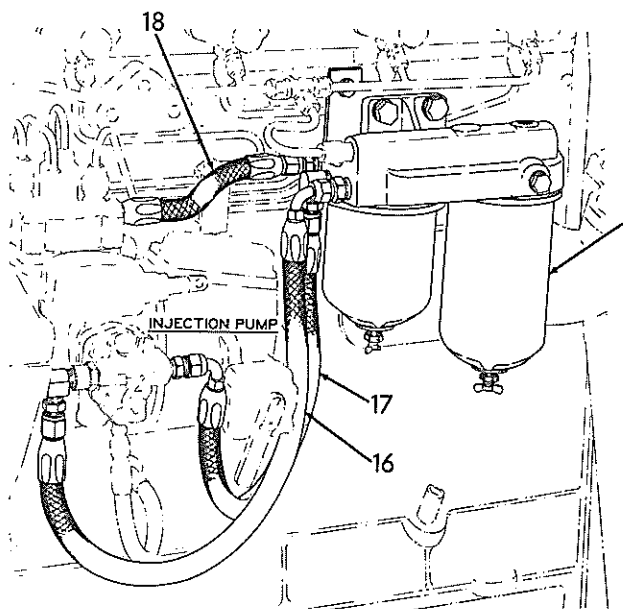


OIL COOLER

T-29368

USAGE: Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349948	1	COOLER, oil
	910211	5	CAPSCREW, 3/8" NC x 1-1/8"
	903635	6	CAPSCREW, 3/8" NC x 2-1/2"
	904206	12	LOCKWASHER, 3/8"
	903781	2	CAPSCREW, 1/2" NC x 2-3/4"
	904208	3	LOCKWASHER, 1/2"
	912267	1	CAPSCREW, socket-hd., 3/8" NC x 1"
	919059	1	CAPSCREW, socket-hd., 1/2" NC x 2-3/4"
2	4349954	1	□ GASKET, cooler to filter
3	4349983	1	□ GASKET, water connection to cooler
4	4348102	1	CONNECTION, water outlet
	919227	2	CAPSCREW, 3/8" NC x 3-1/4"
	906698	2	CAPSCREW, 3/8" NC x 4-3/4"
	904206	4	LOCKWASHER, 3/8"
5	4348184	1	□ GASKET, water connection to block
			□ (Also see PACKAGED PARTS)



DUAL FUEL FILTER

T-29371

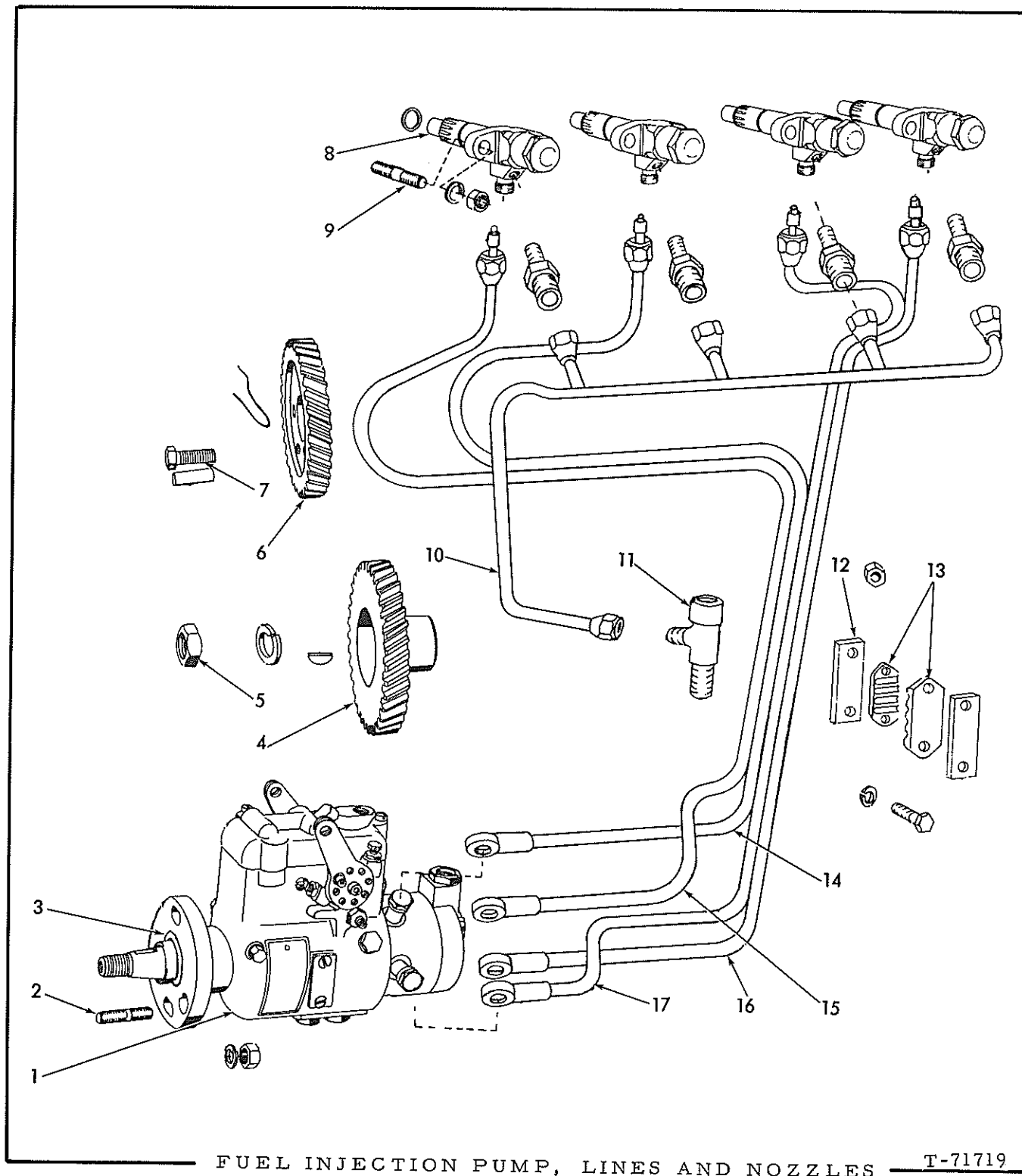
USAGE: * Used prior to loader serial #555
 ** Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349753	1 *	BRACKET, filter mounting
	4349641	- **	BRACKET, filter mounting
	903771	4 1	CAPSCREW, 5/16" NC x 7/8"
	904205	4 1	LOCKWASHER, 5/16"
	903775	- 1	CAPSCREW, 3/8" NC x 7/8"
	904206	- 1	LOCKWASHER, 3/8"

(Continued)

DUAL FUEL FILTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
2	4347790	1 -	HEAD, filter, first stage
	901826	1 -	BUSHING, pipe, 3/8" x 1/4"
	904708	1 -	PIPE, 1/4" NPT x 1-1/4"
	4349147	1 -	HEAD, filter, second stage
	920279	1 -	CONNECTOR (brass) 3/8" tube, 1/4" NPT, male
	903630	4 -	CAPSCREW, 3/8" NC x 1"
	904206	4 -	LOCKWASHER, 3/8"
	910324	4 -	NUT, 3/8" NC
	4377259	- 1	HEAD ASSEMBLY (Includes PLUGS indented below)
	919134	- 2	PLUG, pipe, hex. -hd., 1/8" NPT
	919840	- 1	PLUG, pipe, hex. -hd., 1/4" NPT
	920333	- 2	PLUG, pipe, hex. -hd., 3/8" NPT
	918887	- 1	PLUG, pipe, hex-socket, 3/8" NPT
	915666	- 2	CAPSCREW, 1/2" NC x 1-3/8"
	904208	- 2	LOCKWASHER, 1/2"
	910325	- 2	NUT, 1/2" NC
3	639370	1 1	GUIDE, element centering, second stage filter
4	4056633	1 1	ELEMENT KIT, second stage filter (Includes items 6, 7 and 9)
5	4052173	1 1	PLATE, element seating, second stage filter
6	-----	1 1	GASKET, element seating plate (Furnished only as part of item 4)
7	-----	1 1	WASHER, seating plate gasket (Furnished only as part of item 4)
8	4052174	1 1	SPRING, second stage filter
9	4040013	2 2	GASKET, filter shell
10	065582	1 1	SHELL, second stage filter
	915433	1 1	COCK, drain, 1/4" NPT
11	4347791	1 1	SHELL, first stage filter
	915433	1 1	COCK, drain, 1/4" NPT
12	4055563	1 1	ELEMENT KIT, first stage filter (Includes item 9) (Not used when Heavy-Duty filter is installed)
13	4051485	1 1	GUIDE, element centering, first stage filter
14	4051484	2 2	GASKET, shell retaining nut
15	4051483	2 2	NUT, shell retaining
	919288	1 2	CAPSCREW, 1/4" NC x 3/8"
	914686	1 2	WASHER, plain, copper, 1/4" I. D.
	915432	1 -	SCREW, 1/4" NC x 5/16"
	065577	1 -	GASKET, screw (not illustrated)
16	4335898	- 1	HOSE ASSEMBLY, first stage filter to transfer pump (See page 6 for parts)
	919172	- 1	CONNECTOR, flare type, 3/8" tube, 3/8" NPT, male
	919062	- 1	CONNECTOR, flare type, 3/8" tube, 1/4" NPT, male
	918374	- 1	ELBOW, street, 90°, brass, 1/4" NPT
17	4335935	- 1	HOSE ASSEMBLY, transfer pump to second stage filter (See page 6 for parts)
	919062	- 2	CONNECTOR, flare type, 3/8" tube, 1/4" NPT, male
	918374	- 1	ELBOW, street, 90°, brass, 1/4" NPT
18	4349754	1 -	LINE ASSEMBLY, filter to injection pump
	920279	1 -	CONNECTOR, (brass) 3/8" tube, 1/4" NPT, male
	4349776	- 1	HOSE ASSEMBLY, filter to injection pump (See page 6 for parts)
	919172	- 1	CONNECTOR, flare type, 3/8" tube, 3/8" NPT, male



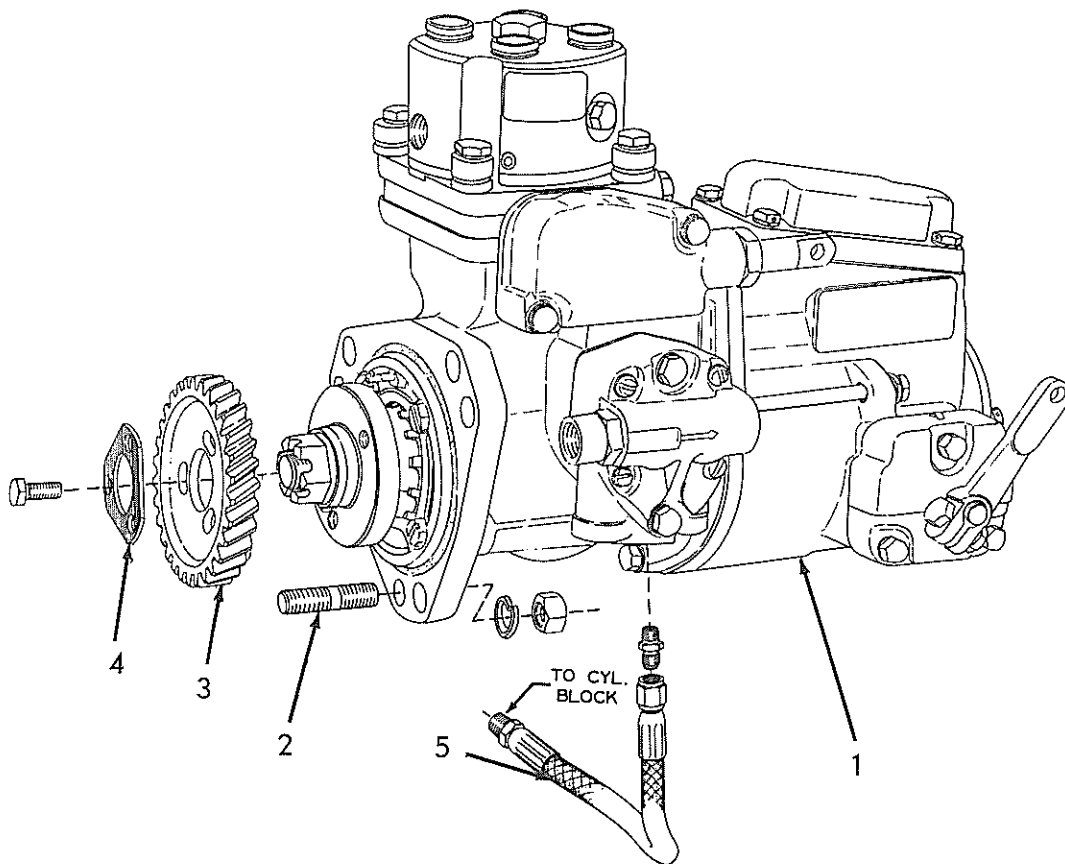
USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4336064	1	PUMP ASSEMBLY, fuel injection (See your Allis-Chalmers dealer for parts)
2	4335976	2	STUD, 3/8" NF 1-1/2"
	4371718	2	WASHER
	910123	2	NUT, 3/8" NF

(Continued)

FUEL INJECTION PUMP, LINES AND NOZZLES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
3	4048596	1	SEAL, pilot
4	4336112	1	GEAR, driven, fuel injection pump
5	4335975	1	NUT, driven gear
	910916	1	LOCKWASHER, 1"
	910224	1	KEY, woodruff, 5/32" x 5/8"
6	4335977	1	GEAR, drive (Also order 1 GEAR 4339548)
7	4336038	2	CAPSCREW, drilled-hd., 3/8" NF x 1-1/8"
	4509035	1	WIRE, locking, #18 x 10"
	917552	1	PIN, dowel
8	4346227	4	HOLDER ASSEMBLY, injection nozzle (See page 50 for parts) (Used prior to engine serial #109032)
	4336039	4	HOLDER ASSEMBLY, injection nozzle (See page 50 for parts) (Effective with engine serial #109032)
9	4335573	8	STUD, injection nozzle holder
	904206	8	LOCKWASHER, 3/8"
	910123	8	NUT, 3/8" NF
10	4349751	1	TUBE ASSEMBLY, manifold to tee
	919800	3	CONNECTOR, 1/4" (#1 thru #3 injector)
	921143	1	CONNECTOR, 5/16" (# 4 injector)
11	4335164	1	TEE, tube assembly to pump, 5/16" (at pump)
12	4507414	4	PLATE, fuel line supporting clamp
	905658	4	CAPSCREW, 5/16" NC x 1-3/8"
	904204	4	LOCKWAHER, 5/16"
	910880	2	NUT, 5/16" NC
13	4507358	4	SPACER, fuel line clamp
14	4349746	1	LINE, fuel injection (#2 cylinder)
	4501149	1	SLEEVE, fuel injection line
	4504409	1	NUT, fuel injection line
15	4349745	1	LINE, fuel injection (#1 cylinder)
	4501149	1	SLEEVE, fuel injection line
	4504409	1	NUT, fuel injection line
16	4349748	1	LINE, fuel injection (#4 cylinder)
	4501149	1	SLEEVE, fuel injection line
	4504409	1	NUT, fuel injection line
17	4349747	1	LINE, fuel injection (#3 cylinder)
	4501149	1	SLEEVE, fuel injection line
	4504409	1	NUT, fuel injection line

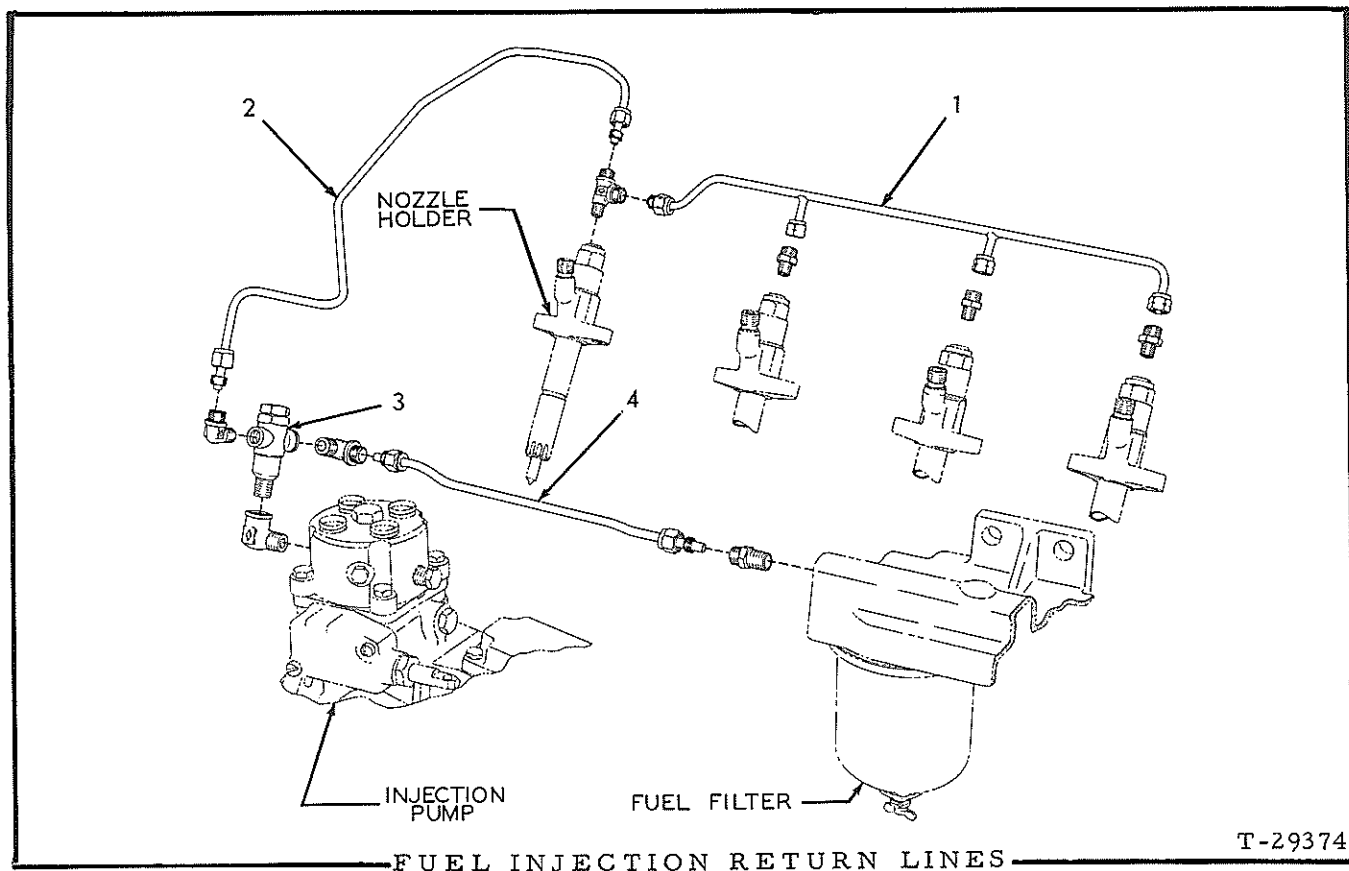


FUEL INJECTION PUMP

T-29372

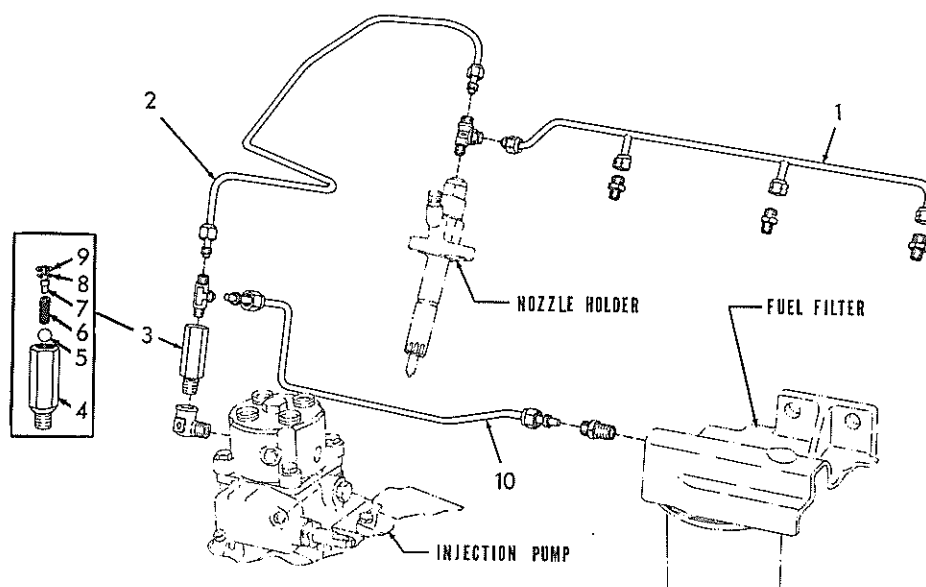
USAGE: Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4354235	1	PUMP ASSEMBLY, fuel injection (See your Allis-Chalmers dealer for parts)
2	4346347	3	STUD, pump attaching (Used prior to engine #114412)
	4337224	3	STUD, pump attaching (Effective with engine #114412)
	910123	3	NUT, 3/8" NF
3	4348438	1	GEAR, injection pump (Used prior to engine #117245)
	4337061	1	GEAR, injection pump (Effective with engine #117245)
	912180	3	CAPSCREW (thin head) 3/8" NF x 3/4"
4	4347836	1	PLATE, serrated, injection pump
5	4335557	1	HOSE ASSEMBLY, cylinder block to injection pump (See page 6 for parts)
	919171	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT



USAGE: Effective with loader serial #555. Used prior to engine serial #117244

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349927	1	MANIFOLD ASSEMBLY (Includes NUTS and SLEEVES indented below)
	917809	4	NUT, Imperial, 1/4" tube
	917806	4	SLEEVE, Imperial, 1/4" tube
	919800	3	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
	920411	1	TEE, Imperial, 1/4" tube, 1/8" NPT male end
2	4349931	1	TUBE ASSEMBLY, manifold to relief valve (Includes NUTS and SLEEVES indented below)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	1	NUT, Imperial, 1/4" tube
	919040	1	ELBOW, Imperial, 1/4" tube, 1/8" NPT male
3	4515304	1	VALVE ASSEMBLY, pressure relief
	917008	1	ELBOW, street, brass, 90°, 1/4" NPT
4	4337028	1	TUBE ASSEMBLY, relief valve to filter
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	920242	1	CONNECTOR, Imperial, 1/4" tube, 1/4" NPT male
	919481	1	ELBOW, Imperial, 1/4" tube, 1/4" NPT male

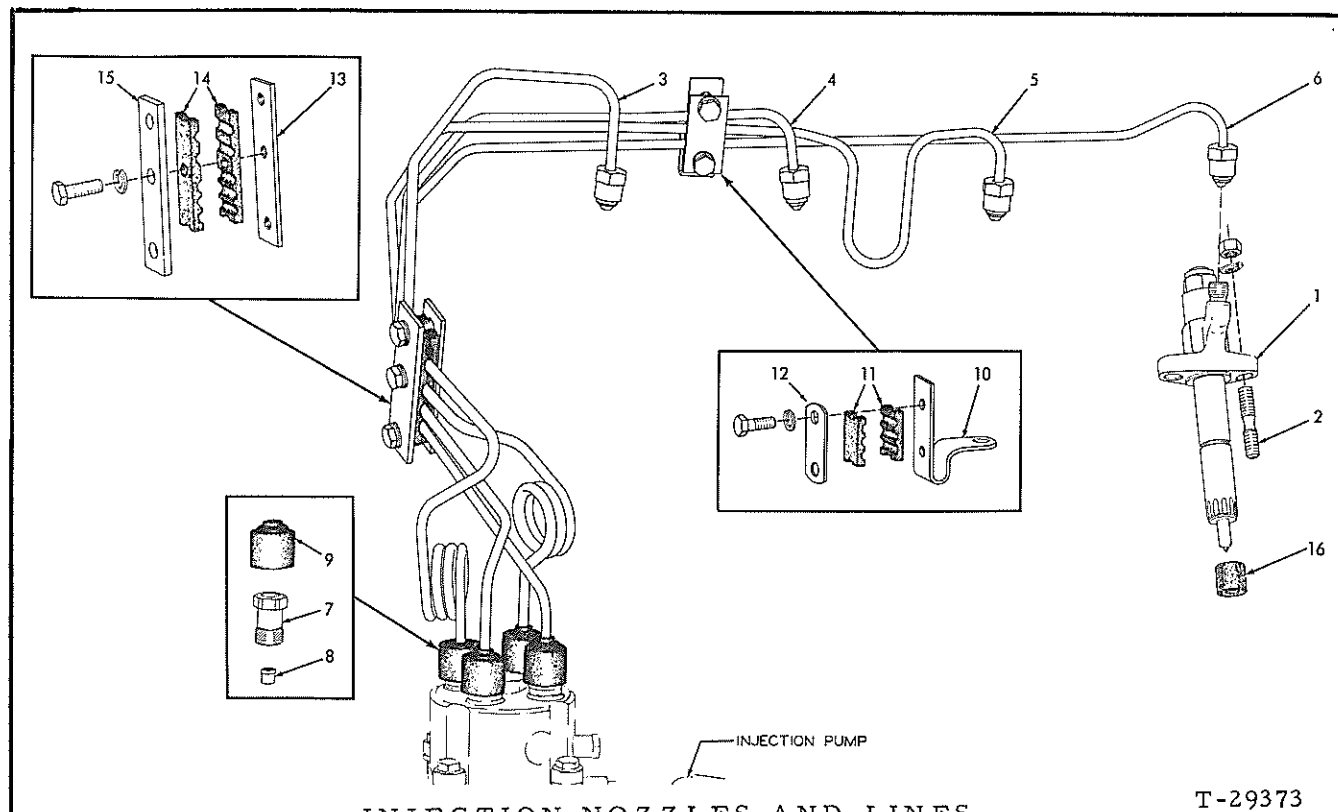


FUEL INJECTION RETURN LINES

T-34443

USAGE: Effective with loader serial #555. Engine serial #117244 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349927	1	MANIFOLD ASSEMBLY (Includes NUT and SLEEVE indented below)
	917809	4	NUT, Imperial, 1/4" tube
	917806	4	SLEEVE, Imperial 1/4" tube
	919800	3	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
	920411	1	TEE, Imperial, 1/4" tube, 1/8" NPT
2	4337194	1	TUBE ASSEMBLY, manifold to relief valve (Includes NUT and SLEEVE indented below)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	921378	1	TEE, Imperial, 1/4" tube, 1/4" NPT
3	4337015	1	VALVE ASSEMBLY, pressure relief (Consists of item 4 thru 9)
	917008	1	ELBOW, street, brass, 90°, 1/4" NPT
4	-----	1	BODY, relief valve (Not serviced, order 4337015)
5	4337022	1	BALL, relief valve
6	4337023	1	SPRING, relief valve
7	4337019	1	STOP, relief valve
8	4255017	1	E-RING, relief valve stop
9	4255020	1	RING, snap, relief valve
10	4337193	1	TUBE ASSEMBLY, relief valve to filter (Includes NUT and SLEEVE indented below)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	920242	1	CONNECTOR, Imperial, 1/4" tube, 1/4" NPT male

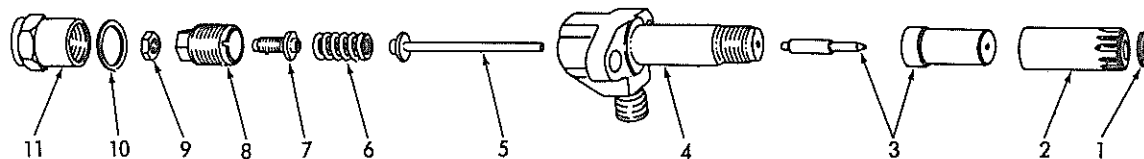


INJECTION NOZZLES AND LINES

T-29373

USAGE: Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4336566	4	HOLDER ASSEMBLY, injection nozzle (See page 51 for parts)
2	4336209	8	STUD, injection nozzle holder
	910123	8	NUT, 3/8" NF
	904206	8	LOCKWASHER, 3/8"
3	4349922	1	TUBE ASSEMBLY, fuel injection (#1 cylinder)
4	4349923	1	TUBE ASSEMBLY, fuel injection (#2 cylinder)
5	4349924	1	TUBE ASSEMBLY, fuel injection (#3 cylinder)
6	4349925	1	TUBE ASSEMBLY, fuel injection (#4 cylinder)
NOTE: Each tube assembly listed above includes Nut and Sleeve for the upper end.			
7	4052555	4	FITTING, injection tube, lower end
8	4052556	4	SLEEVE, injection tube, lower end
9	4053156	4	CAP, injection tube fitting (rubber)
10	4349934	1	BRACKET, tube supporting, upper
11	4336742	2	SPACER, injection tube (3 grooves)
12	4336776	1	PLATE, upper tube supporting bracket
	910505	2	CAPSCREW, 5/16" NF x 1"
	904205	2	LOCKWASHER, 5/16"
13	4338287	1	BRACKET, tube supporting, lower
14	4336532	2	SPACER, injection tube (5 grooves)
15	4336531	1	PLATE, lower tube supporting bracket
	910505	3	CAPSCREW, 5/16" NF x 1"
	904205	3	LOCKWASHER, 5/16"
16	4025385	8	SHIELD, dust, injection nozzle

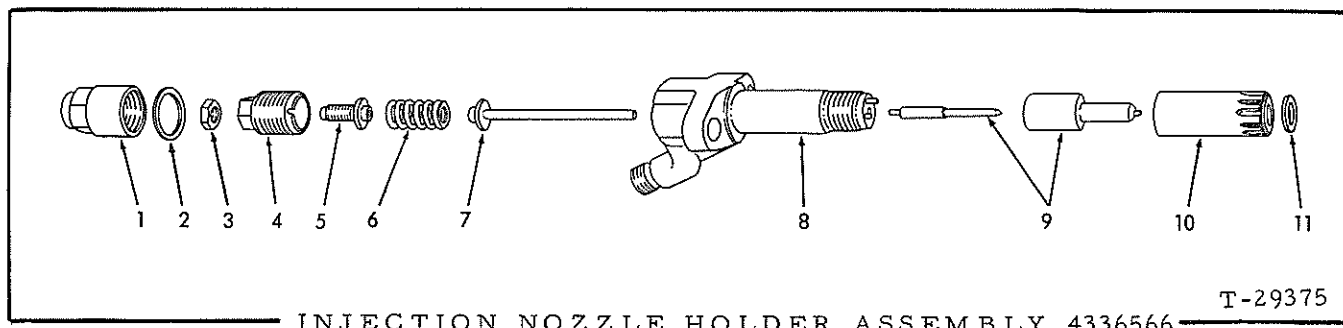


INJECTION NOZZLE HOLDER ASSEMBLY

T-71678

USAGE: * 4346227 HOLDER ASSEMBLY-Used prior to engine serial #109032
 ** 4336039 HOLDER ASSEMBLY-Used prior to engine serial #109032 thru #118346

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
			NOTE: See page 45 for listing of complete Assembly Quantities listed are for one (1) Assembly only
1	4511204	1 1	□ GASKET, injection nozzle holder
2	{ 4040100	1 -	NUT, injection nozzle
	{ 4049289	- 1	NUT, injection nozzle
3	{ 4380445	1 -	NOZZLE ASSEMBLY, injection
	{ 4050595	- 1	NOZZLE ASSEMBLY, injection
			(Each includes one BODY and one VALVE - serviced only as a unit)
4	{ 4046227	1 -	BODY, nozzle holder
	{ -----	- 1	BODY, nozzle holder (Not serviced, order 4336039)
5	{ 4040552	1 -	SPINDLE, nozzle holder
	{ 4051307	- 1	SPINDLE, nozzle holder
6	{ 4371121	1 -	SPRING, nozzle holder
	{ 4049287	- 1	SPRING, nozzle holder
7	{ 4047538	1 -	SCREW, nozzle holder spring
	{ 4051839	- 1	SCREW, nozzle holder spring
	{ 4058931	- 1	SEAT, nozzle holder spring
8	{ 4040096	1 -	NUT, nozzle holder spring
	{ 4050520	- 1	NUT, nozzle holder spring
9	{ 4040098	1 -	NUT, nozzle holder screw
	{ 4050523	- 1	NUT, nozzle holder screw
10	{ 4372113	1 -	GASKET, nozzle holder cap
	{ 4049282	- 1	GASKET, nozzle holder cap
11	{ 4040099	1 -	CAP, nozzle holder
	{ 4049298	- 1	CAP, nozzle holder
			(Also see PACKAGED PARTS)



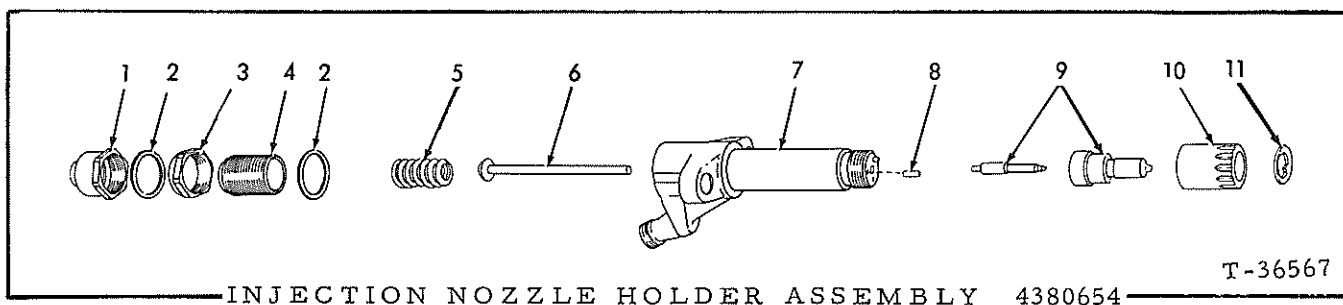
INJECTION NOZZLE HOLDER ASSEMBLY 4336566

USAGE: Effective with loader serial #555, Engine serial #118347

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: See page 49 for listing of complete Assembly.
Quantities indicated are for one (1) assembly only.

1	4052715	1	CAP, protecting
2	4049282	1	GASKET, protecting cap
3	4050523	1	NUT, adjusting screw
4	4050520	1	NUT, spindle retaining
5	4051839	1	SCREW, adjusting
6	4050519	1	SPRING, nozzle spindle
7	4052714	1	SPINDLE ASSEMBLY (Serviced only as a unit)
8	-----	1	BODY (Not serviced separately)
9	4380685	1	NOZZLE ASSEMBLY, injection (Includes item 11)
10	4050516	1	NUT, nozzle retaining
11	4378031	1	☐ GASKET, nozzle holder
			☐ (Also see PACKAGED PARTS)



INJECTION NOZZLE HOLDER ASSEMBLY 4380654

USAGE: Service replacement only.

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: See page 49 for listing of complete Assembly.
Quantities indicated are for one (1) assembly only.

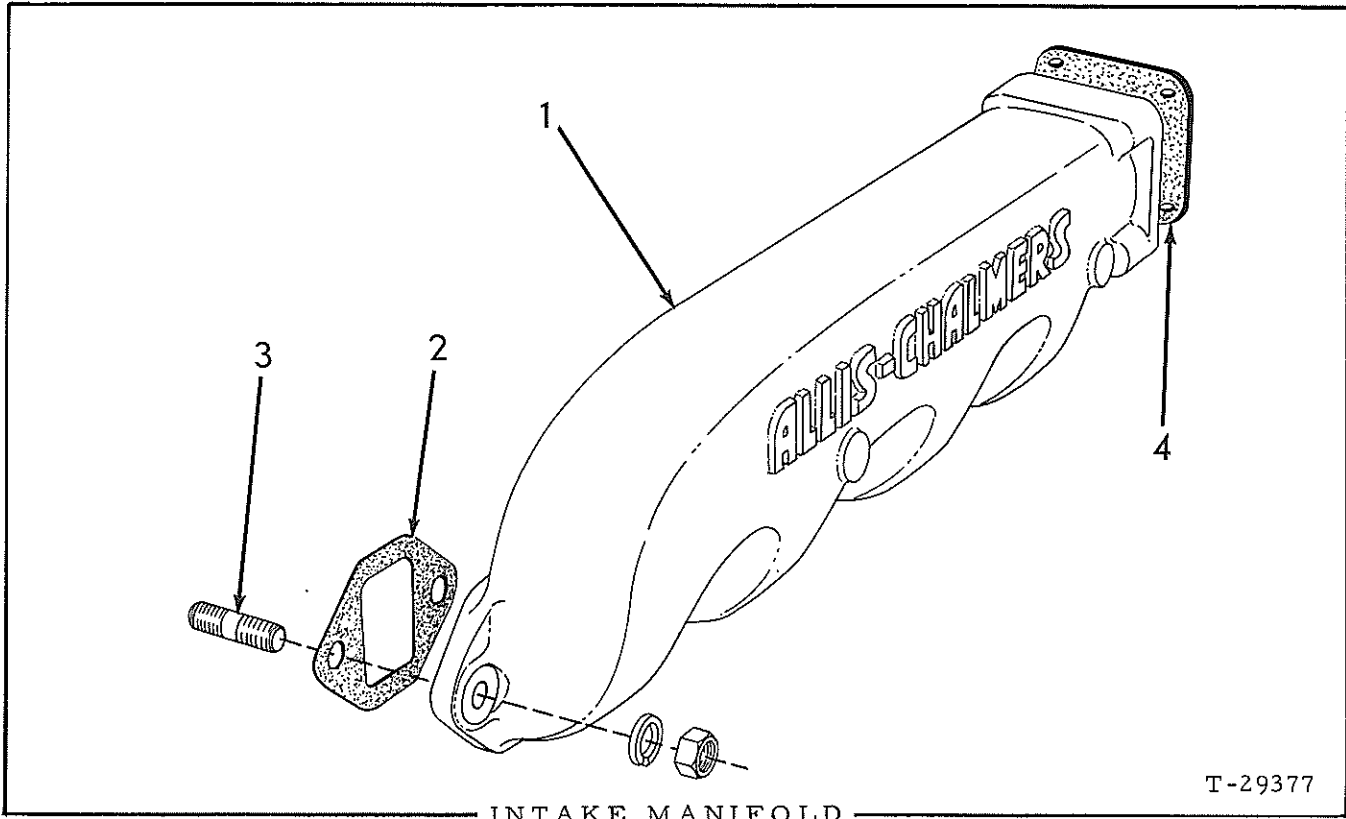
1	4378032	1	NUT, cap
2	4511243	2	GASKET, cap nut
3	4511213	1	NUT, locking
4	4378033	1	SCREW, adjusting
5	4380652	1	SPRING
6	4380656	1	SPINDLE ASSEMBLY (Serviced only as a unit)
7	-----	1	BODY (Not serviced separately)
8	922943	2	PIN, nozzle retaining

(Continued)

INJECTION NOZZLE HOLDER ASSEMBLY 4380654 (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	4380651	1	NOZZLE ASSEMBLY (Includes item 11)
10	4380662	1	NUT, nozzle retaining
11	4378031	1	□ GASKET, nozzle holder

□ (Also see PACKAGED PARTS)

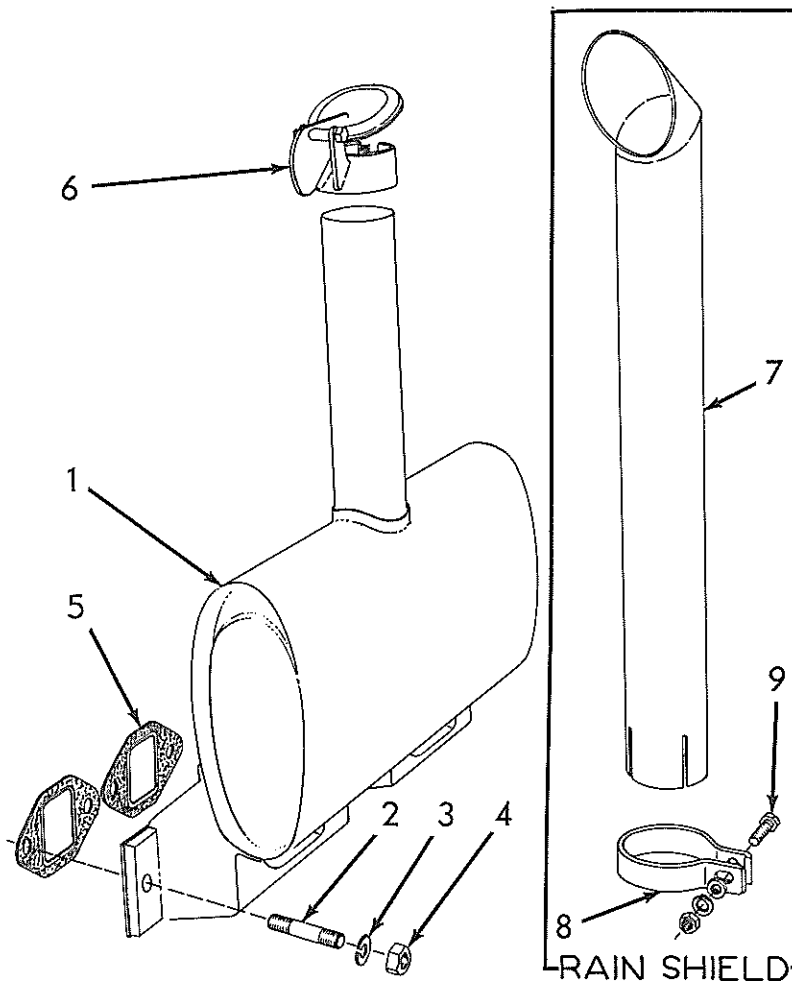


ITEM	PART NO.	QTY.	DESCRIPTION
1	4349881	1	MANIFOLD, intake
	901652	2	PLUG, pipe, 1/4" NPT x 3/8" sq. (Used prior to loader serial #555) (Not Illustrated)

2	4346138	4	□ GASKET, intake manifold
3	4346208	8	STUD, manifold attaching
	904208	8	LOCKWASHER, 1/2"
	910325	8	NUT, 1/2" NC

4	4348568	1	□ GASKET (Effective with loader serial #555)
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□ (Also see PACKAGED PARTS)

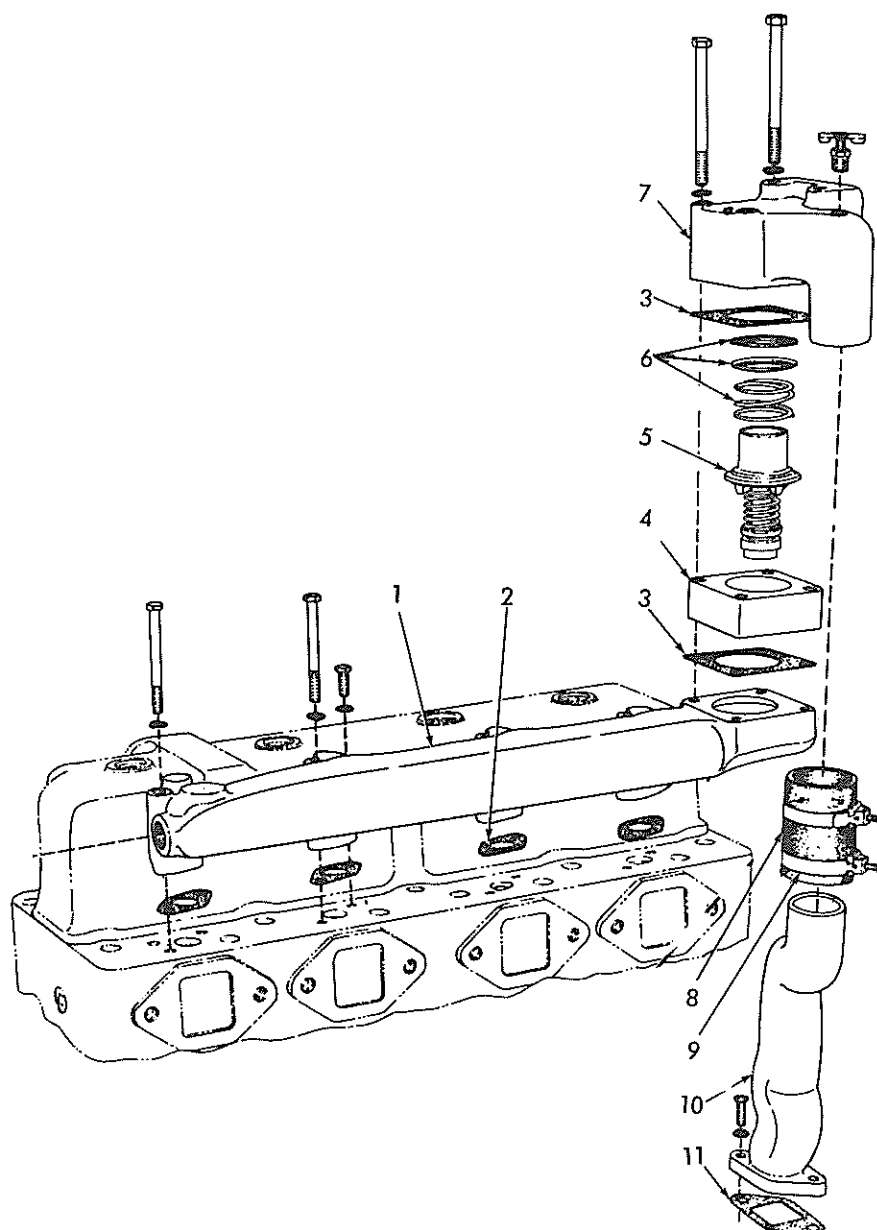


MUFFLER

T-29380

ITEM	PART NO.	QTY.	DESCRIPTION
1	099964	1	MUFFLER, exhaust
2	4346208	8	STUD
3	4371107	8	LOCKWASHER, 1/2"
4	4253270	8	NUT, 1/2" NC
5	4338511	4	□ GASKET, muffler to cylinder head
<u>NOTE:</u> The following items are Special Equipment.			
6	068963	1	RAINCAP, exhaust pipe
7	077250	1	SHIELD, rain, exhaust pipe
8	077247	1	CLAMP, exhaust pipe rain shield
9	U-3188	1	CAPSCREW, 3/8" NF x 1-1/2"
	900817	1	WASHER, plain, U.S. std., 3/8"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF

□ (Also see PACKAGED PARTS)



WATER OUTLET MANIFOLD

T-71714

USAGE: Used prior to loader serial #555

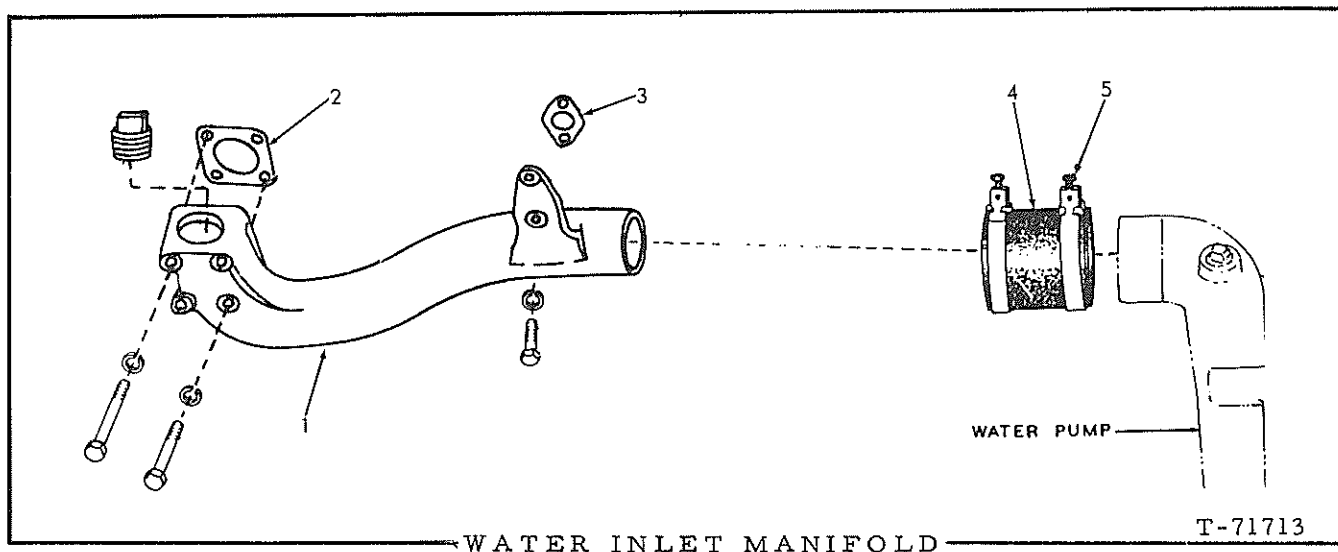
ITEM	PART NO.	QTY.	DESCRIPTION
1	4348819	1	MANIFOLD, water outlet
	903722	4	CAPSCREW, 5/16" NC x 1"
	917300	1	CAPSCREW, 5/16" NC x 3-1/4"
	917016	3	CAPSCREW, 5/16" NC x 3-1/2"
	904205	8	LOCKWASHER, 5/16"
	921073	1	PLUG, pipe, 1"
2	4348278	4	□ GASKET, water manifold
3	4348189	2	□ GASKET, thermostat housing
4	4348478	1	SPACER, thermostat housing

(Continued)

WATER OUTLET MANIFOLD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	4363280	1	THERMOSTAT
6	4375678	1	SEAL ASSEMBLY, thermostat (Serviced only as a unit)
7	4348740	1	HOUSING, thermostat
	903778	2	CAPSCREW, 3/8" NC x 4-1/2"
	917059	2	CAPSCREW, 3/8" NC x 5"
	904206	4	LOCKWASHER, 3/8"
	912415	1	COCK, drain, 1/4" NPT
8	4337602	1	HOSE, water by-pass pipe, 3-1/4" long
9	4253459	2	CLAMP, hose
10	4348097	1	PIPE, water by-pass
	910245	2	CAPSCREW, 3/8" NC x 1-3/8"
	904206	2	LOCKWASHER, 3/8"
11	4347031	1	□ GASKET, water by-pass pipe

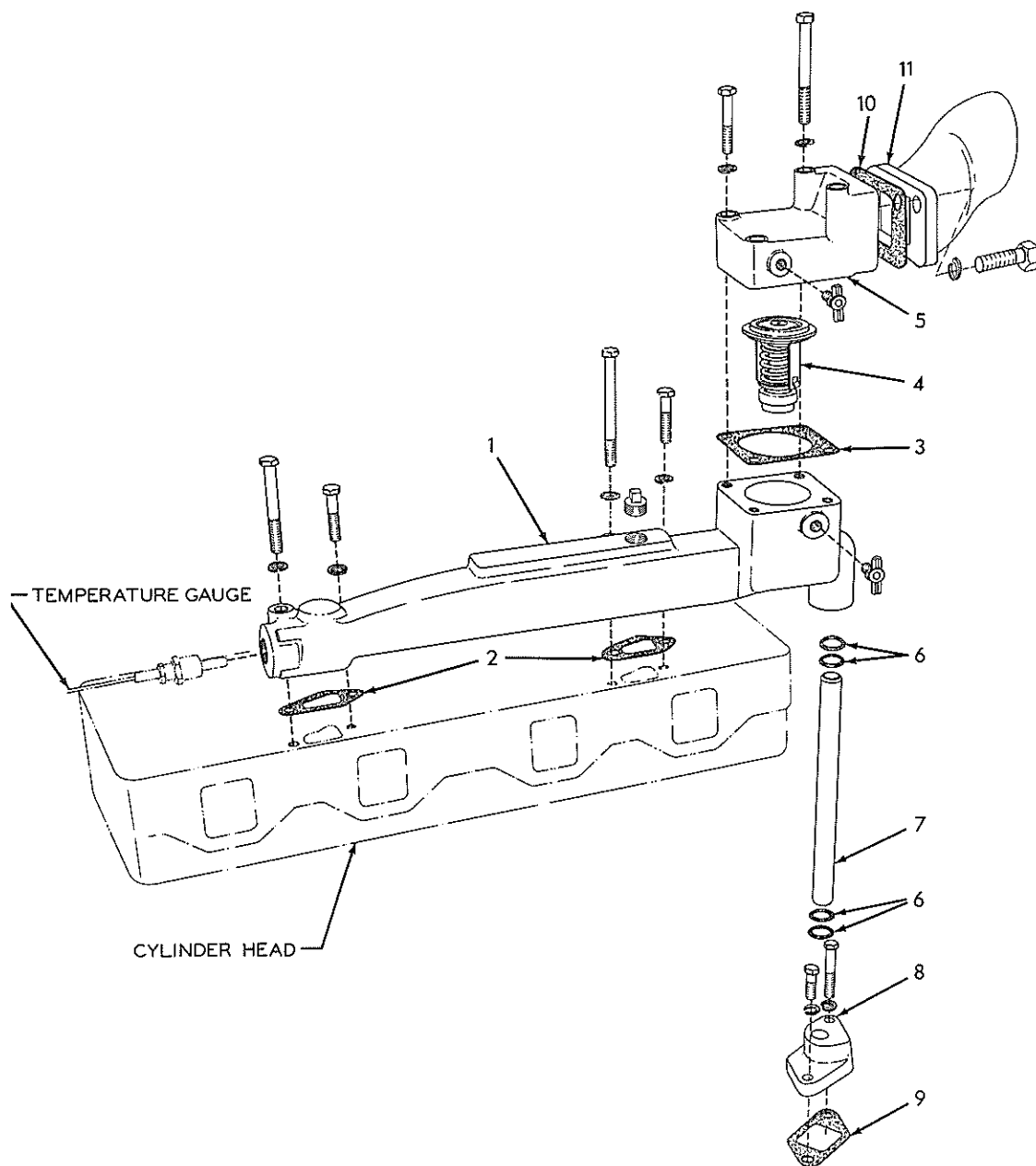
□ (Also see PACKAGED PARTS)



USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349771	1	MANIFOLD, water inlet
	906696	4	CAPSCREW, 3/8" NC x 3-3/4"
	910245	2	CAPSCREW, 3/8" NC x 1-3/8"
	904206	6	LOCKWASHER, 3/8"
	901666	1	PLUG, pipe, steel, 1"
2	4348184	1	□ GASKET, water outlet
3	4348185	1	□ GASKET, manifold
4	4506737	1	HOSE, water pump to cooler
5	4253922	2	CLAMP, water pump hose

□ (Also see PACKAGED PARTS)



WATER OUTLET MANIFOLD

T-29378

USAGE: Effective with loader serial #555

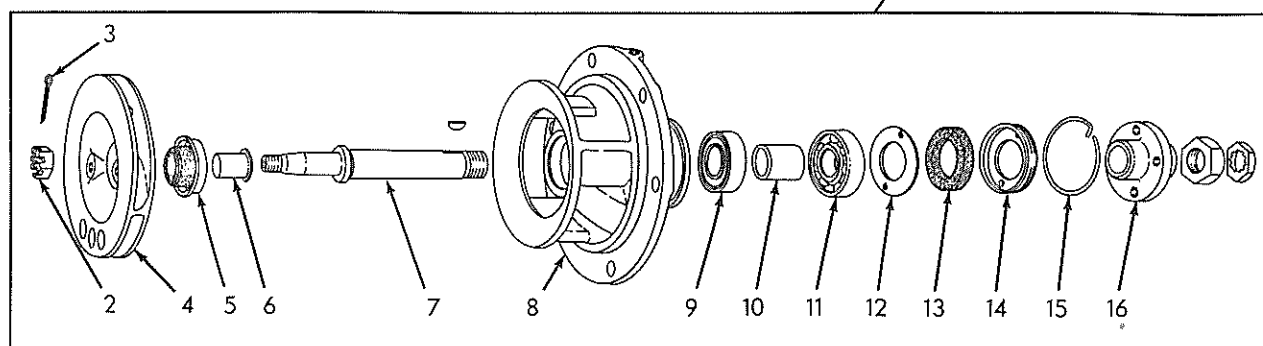
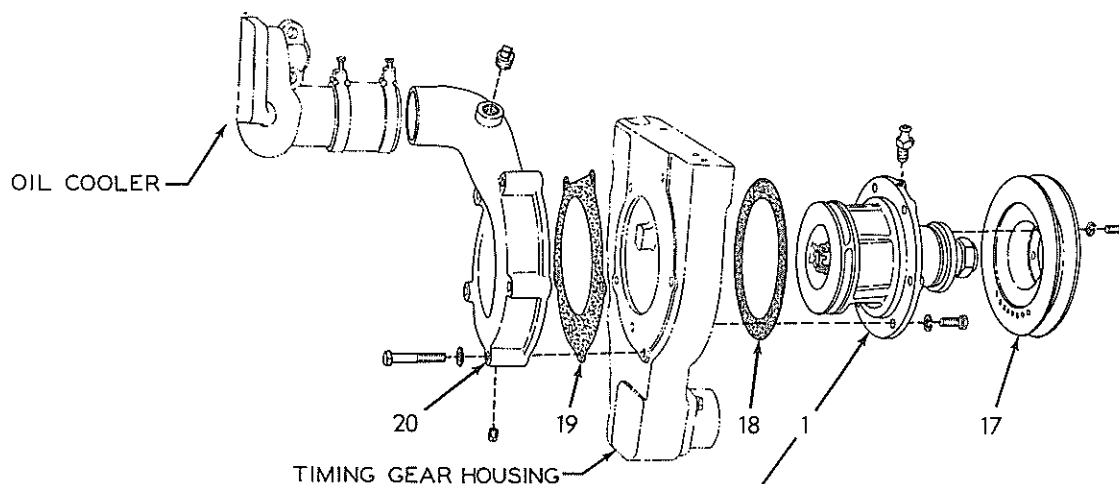
ITEM	PART NO.	QTY.	DESCRIPTION
1	4336670	1	MANIFOLD, water outlet
	914499	2	CAPSCREW, 3/8" NC x 1-5/8"
	905667	1	CAPSCREW, 3/8" NC x 3"
	903777	1	CAPSCREW, 3/8" NC x 4"
	904206	4	LOCKWASHER, 3/8"
	912415	1	COCK, T-handle, 1/4" NPT (air venting)
	920416	1	PLUG, pipe 1/2", hex-hd.
2	4349808	2	□ GASKET, water manifold
3	4349809	1	□ GASKET, thermostat housing

(Continued)

WATER OUTLET MANIFOLD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	4375535	1	THERMOSTAT
5	4349810	1	HOUSING, thermostat
	912415	1	COCK, T-handle, 1/4" NPT
	904281	2	CAPSCREW, 3/8" NC x 2"
	906696	2	CAPSCREW, 3/8" NC x 3-3/4"
	904206	4	LOCKWASHER, 3/8"
6	4254294	4	O -RING, water by-pass tube
7	4336268	1	TUBE, water by-pass
8	4336267	1	FLANGE, water by-pass
	910211	1	CAPSCREW, 3/8" NC x 1-1/8"
	903634	1	CAPSCREW, 3/8" NC x 2"
	904206	2	LOCKWASHER, 3/8"
9	4347031	1	□ GASKET, water by-pass flange
10	4300145	1	□ GASKET, engine water outlet elbow
11	4336671	1	ELBOW, engine water outlet
	915601	2	CAPSCREW, 7/16" NC x 3/1/4"
	904207	2	LOCKWASHER, 7/16"

(Also see PACKAGED PARTS)



WATER PUMP

T-29379

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338662	1	PUMP ASSEMBLY (Consists of items 2 thru 16)
	903630	6	CAPSCREW, 3/8" NC x 1"
	904206	6	LOCKWASHER, 3/8"
	915274	1	FITTING, lubrication, 45°, 1/8" NPT
2	4375686	1	NUT, impeller retaining
3	4041097	1	PIN, cotter, impeller nut
4	4339103	1	IMPELLER ASSEMBLY (Includes ceramic insert)
5	4507091	1	SEAL ASSEMBLY (Serviced only as a unit)
6	4507084	1	FLINGER, water
7	4348757	1	SHAFT ASSEMBLY (Includes item 6)
	905121	1	KEY, #5 woodruff, 1/8" x 5/8"
8	4338663	1	BODY, water pump
9	4044212	1	BEARING, ball, rear
10	4044211	1	SPACER, bearing

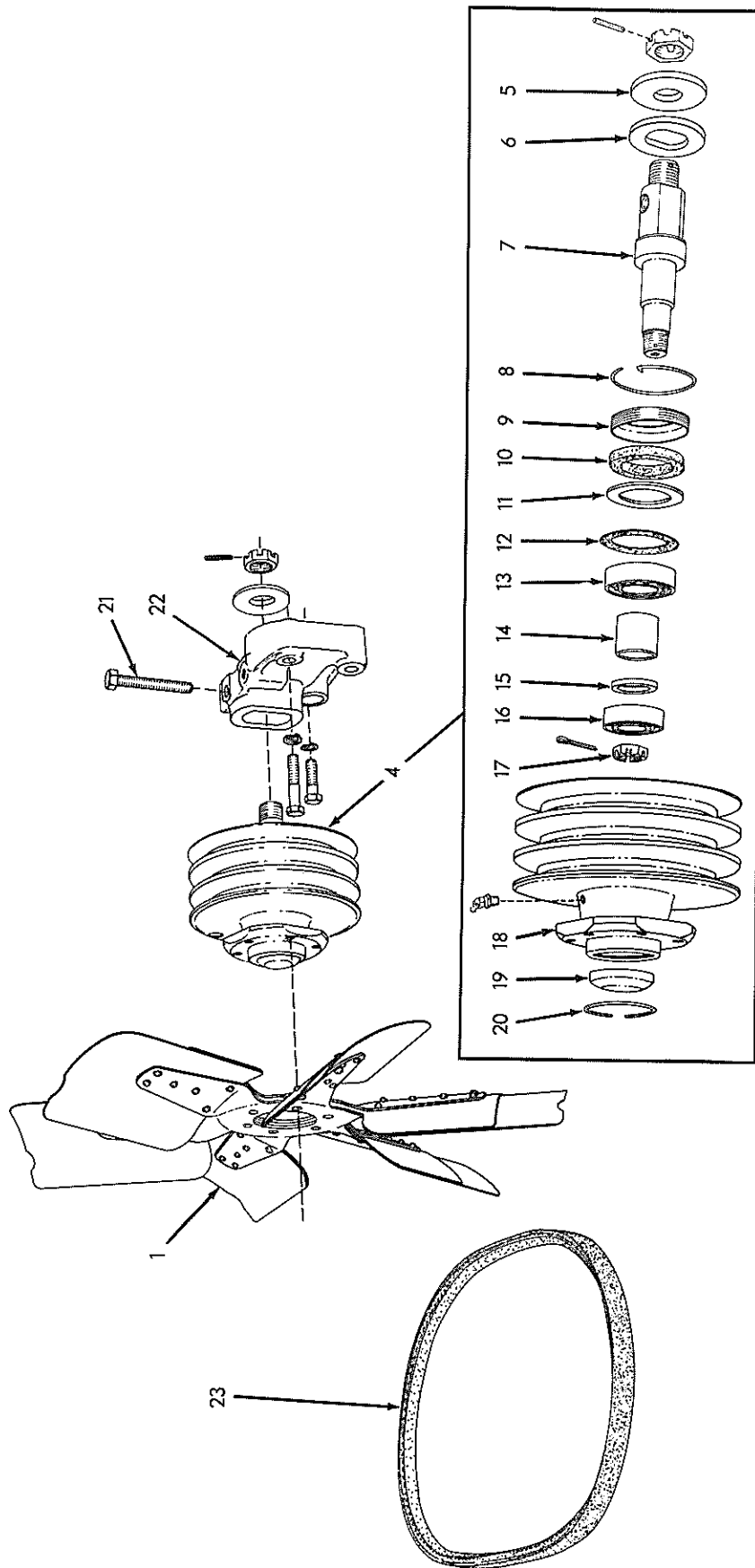
(Continued)

WATER PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	4044210	1	BEARING, ball, front
12	4044209	1	WASHER, retaining
13	4348825	1	WASHER, sealing
14	4335320	1	RETAINER, sealing washer
15	4371707	1	RING, snap, sealing washer retainer
16	4335808	1	FLANGE, driving pulley
	910847	1	NUT, 3/4" NF
	917680	1	NUT, Pal locking, 3/4" NF
17	4335809	1	PULLEY
	916206	4	CAPSCREW, 5/16" NF x 7/8"
	904205	4	LOCKWASHER, 5/16"
18	4346744	1	□ GASKET, water pump
19	4335056	1	□ GASKET, water pump volute
20	4349953	1	VOLUTE
	920131	1	PLUG, pipe, 3/8" NPT
	904281	5	CAPSCREW, 3/8" NC x 2-1/4"
	911115	5	WASHER, plain, SAE std., 3/8"

□ (Also see PACKAGED PARTS)

NOTE: See Generator for listing of drive belt

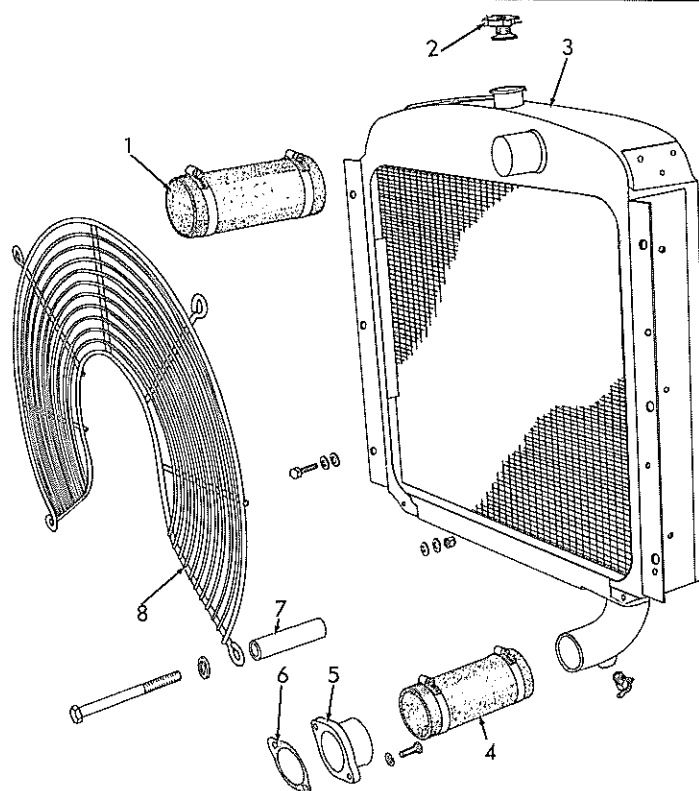


T-29376

FAN

FAN

ITEM	PART NO.	QTY.	DESCRIPTION
1	090154	1	FAN (Pusher) (Effective with loader serial #555)
	3007047	6	CAPSCREW, 3/8" NC x 1-1/8"
	3021392	1	FAN (Suction)(Special equipment effective with loader serial #555)
	3021393	1	SPACER, fan, suction (Special Equipment)
	910948	6	CAPSCREW, 3/8" NC x 2"
	904206	6	LOCKWASHER, 3/8"
4	4339455	1	HUB ASSEMBLY (Consists of items 5 thru 20) (Also order 1 LOCKNUT 4339459)
5	4371703	1	WASHER, plain, spindle clamping, front
6	4056232	1	WASHER, plain, spindle clamping, rear
7	4056068	1	SPINDLE (Also order 1 LOCKNUT 4339459)
	911174	1	NUT, jam, slotted, 1" NF (Front) (Used prior to engine serial #6-20756)
	915946	1	PIN, roll, 5/32" x 1-1/4"
	4339459	1	LOCKNUT (Effective with engine serial #6-20756)
8	4371707	1	WIRE, lock, fan hub
9	4040386	1	RETAINER, spindle sealing washer
10	4040385	1	WASHER, spindle sealing (cork)
11	4040384	1	WASHER, retaining, front bearing
12	4640976	1	GASKET, bearing retaining washer
13	4253863	1	BEARING, ball, front
14	4040383	1	SPACER, spindle bearings
15	4640978	1	WASHER, spacing, rear bearing
16	4253862	1	BEARING, ball, rear
17	4348502	1	NUT, spindle
	911064	1	PIN, cotter, 1/8" x 1-3/8"
18	4054345	1	HUB, fan
	915274	2	FITTING, lubricating, 45°, 1/8" NPT
19	088561	1	CAP, hub
20	4042081	1	RING, snap, cap retaining
21	4252241	1	SCREW, fan belt adjustment
22	4349856	1	BRACKET, fan mounting
	4347781	1	SPACER
	915971	1	CAPSCREW, 5/8" NC x 2-3/4"
	904209	1	LOCKWASHER, 5/8"
	916317	3	CAPSCREW, 1/2" NC x 2-3/4"
	904208	3	LOCKWASHER, 1/2"
	911174	1	NUT, jam, 1" NF
	915946	1	PIN, roll
23	4339461	2	BELT, fan driving

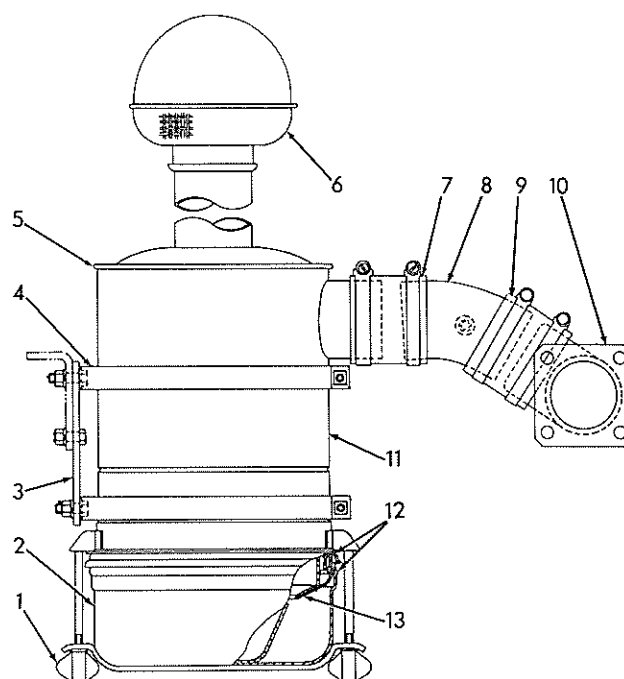


RADIATOR

T-36572

USAGE: * Used prior to loader serial #555
 ** Effective with loader serial #555

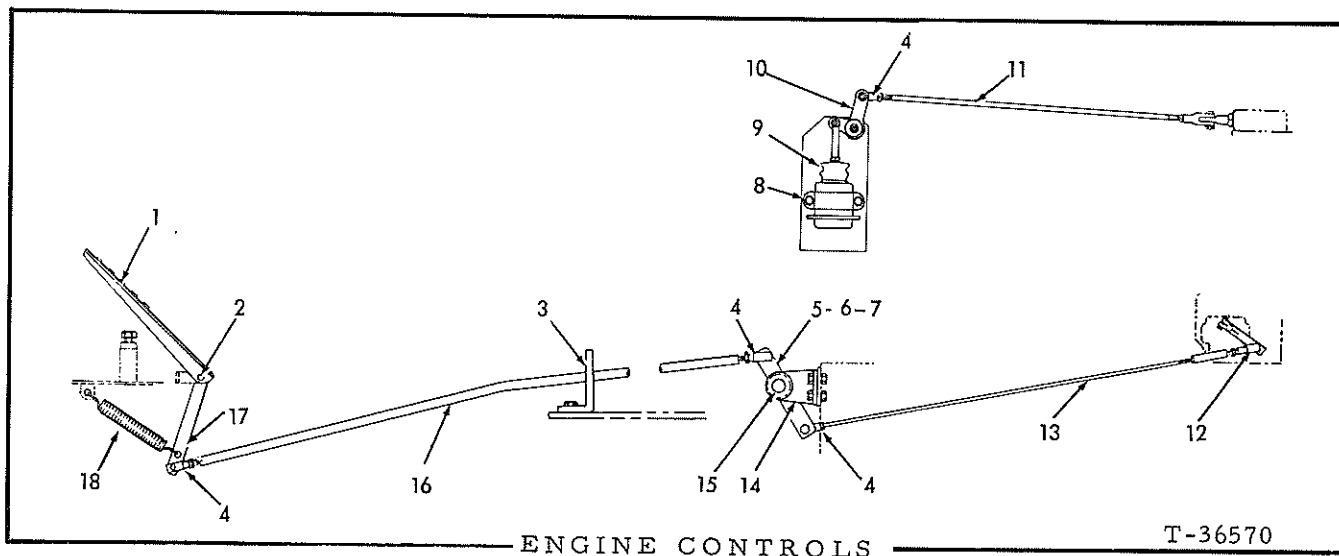
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	3027061	1	1	HOSE, radiator, water inlet
	921914	2	2	CLAMP, hose, adjustable
2	3007198	1	1	CAP, radiator
3	3020953	1	1	RADIATOR ASSEMBLY (Includes item2)
	913105	6	6	CAPSCREW, 1/2" NF x 1-1/2"
	3020841	12	12	WASHER (Rubber)
	910244	12	12	WASHER, plain, SAE std., 1/2"
	914487	6	6	NUT, safety, 1/2" NF
	918769	1	1	COCK, drain
4	3031152	1	1	HOSE, radiator, water outlet
	921914	2	2	CLAMP, hose, adjustable
5	4347003	1	1	PIPE, radiator water outlet
	903630	2	2	CAPSCREW, 3/8" NC x 1"
	904206	2	2	LOCKWASHER, 3/8"
6	4346456	1	1	□ GASKET, radiator pipe
7	3035153	-	4	TUBE, radiator guard spacing
8	3028760	-	1	GUARD, fan blade
	916429	-	4	CAPSCREW, 1/2" NF x 6-3/4"
	904208	-	4	LOCKWASHER, 1/2"
	3011243	-	4	WASHER, plain (Special)
9	3026188	1	-	SHROUD, radiator (Not Illustrated)
□ (Also see PACKAGED PARTS)				



T-71712

AIR CLEANER

ITEM	PART NO.	QTY.	DESCRIPTION
1	3024942	2	BOLT, 1/4" NC
	911114	2	WASHER, plain, SAE std., 1/4"
	3024943	2	NUT, wing
2	3024941	1	CUP, oil
3	3024193	1	PLATE, air cleaner mounting
	916225	2	CAPSCREW, 3/8" NF x 1"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
4	3024113	2	BAND ASSEMBLY, support (Includes 1 SCREW 903764 and 1 NUT 910292)
	903764	2	SCREW, machine, rd.-hd., 5/16" NC x 1-1/2"
	910292	2	NUT, 5/16" NC
	915228	4	CAPSCREW, 3/8" NF 1-1/4"
	904206	4	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
5	3024255	1	CLEANER ASSEMBLY, air (Includes items 1, 2 and 11 thru 13)
6	3024031	1	CAP, weather, air cleaner
7	3028393	1	HOSE, flexible, 3" I.D. x 4-1/4"
	921915	4	CLAMP, adjustable, 2-3/16" to 3-3/4"
8	3026244	1	TUBE, air outlet
	901652	1	PLUG, pipe, sq.-hd., 1/4" NPT
9	3024837	1	HOSE, flexible, 3" I.D. x 3-1/4"
	921915	4	CLAMP, adjustable, 2-3/16" to 3-3/4"
10	3026227	1	ELBOW (Special)
	3020783	1	GASKET
	916311	4	CAPSCREW, 1/2" NC x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
11	-----	1	BODY, air cleaner (Not serviced, order 3024255)
12	3024944	2	O-RING, sealing
13	3024940	1	TRAY, air cleaner



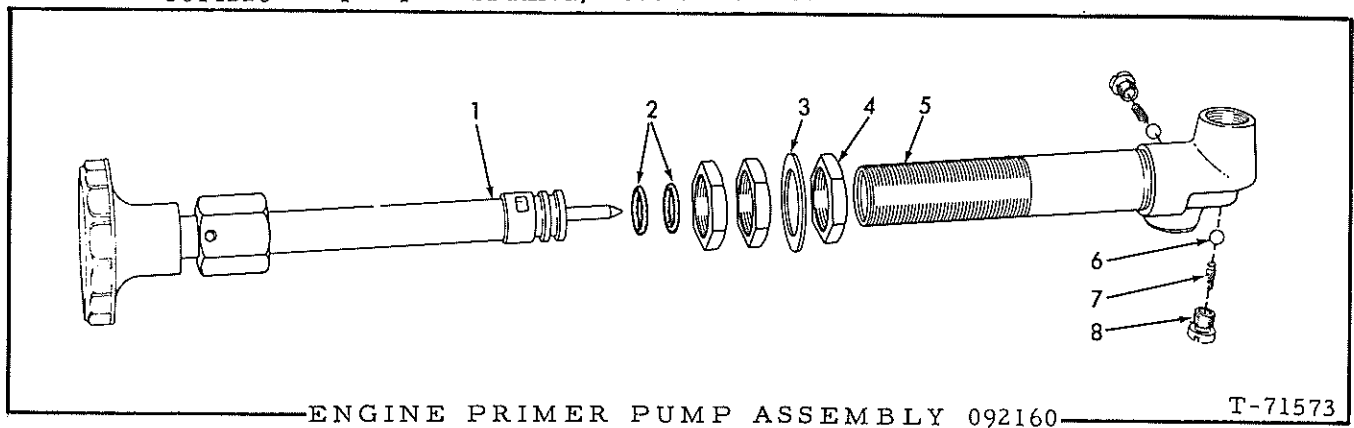
USAGE: * Used prior to loader serial #555
 ** Effective with loader serial #555

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	3021664	1	1	PEDAL, accelerator
	913249	1	1	CAPSCREW, 1/2" NF x 1-1/4"
	913177	1	1	NUT, jam, 1/2" NF
2	3021696	1	1	PIN, pivot, pedal
	904001	2	2	PIN, cotter, 3/32" x 1/2"
3	3024329	1	1	PLATE, guide rod
4	3039766	3	5	JOINT, ball, rod
	904204	3	5	LOCKWASHER, 1/4"
	911040	6	10	NUT, 1/4" NF
5	3026177	1	1	CRANK ASSEMBLY, control rod (Includes items 6 and 7)
	916937	1	1	PIN, roll, 1/4" x 1-1/4"
6	3005955	2	2	BEARING (Lettered end must face pressing tool)
7	3005957	2	2	SEAL (Install with lip toward outside)
8	3017118	1	1	BRACKET, supporting, solenoid and bellcrank
9	3031545	-	1	BOOT, protecting, solenoid
10	3037871	-	1	BELLCRANK, shut-off rod
	904206	-	1	LOCKWASHER, 3/8"
	911041	-	1	NUT, 3/8" NF
	917662	-	2	YOKE
	917644	-	2	PIN, clevis
	900970	-	2	PIN, cotter, 1/16" x 1/2"
	911040	-	2	NUT, 1/4" NF
11	3031484	-	1	ROD, injection pump to bellcrank
12	3039766	1	-	JOINT, ball, rod
	3029769	-	1	JOINT, ball, rod
	904204	1	1	LOCKWASHER, 1/4"
	911040	2	2	NUT, 1/4" NF

(Continued)

ENGINE CONTROLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
13	3026179	1 -	ROD, control, rear
	3033529	- 1	ROD, control rear
14	3017118	1 1	BRACKET, cross shaft
	915228	3 3	CAPSCREW, 3/8" NF x 1-1/4"
	911115	3 3	WASHER, plain, SAE std., 3/8"
	904206	3 3	LOCKWASHER, 3/8"
	911041	3 3	NUT, 3/8" NF
15	3017119	1 1	SHAFT, cross
16	3024664	1 1	ROD, control, front
17	3021657	1 1	ROD, accelerator rod
18	3014226	1 1	SPRING, accelerator rod

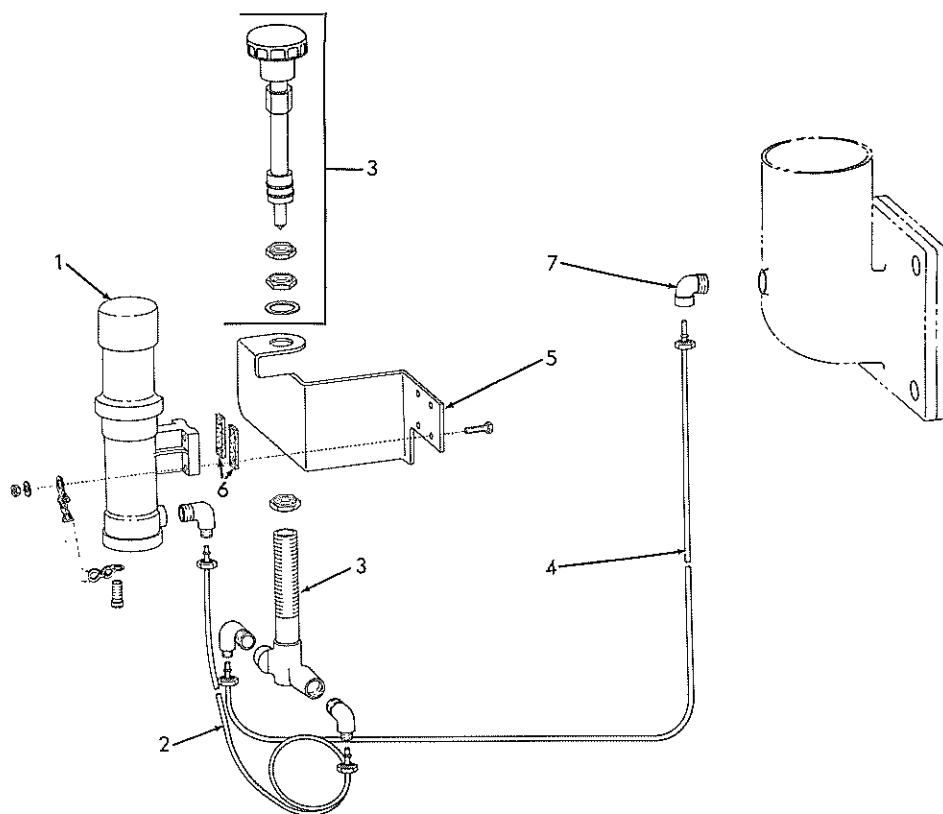


ENGINE PRIMER PUMP ASSEMBLY 092160

T-71573

USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 66 for listing of complete Assembly.			
1	-----	1	PISTON ASSEMBLY (Not serviced separately)
2	923560	2	O-RING, plunger
3	066873	1	WASHER, mounting
4	066872	3	NUT, mounting
5	-----	1	BARREL ASSEMBLY (Not serviced separately)
6	066876	2	BALL, check valve (5/32" diam.)
7	066875	2	SPRING, check valve
8	066874	2	RETAINER, check valve

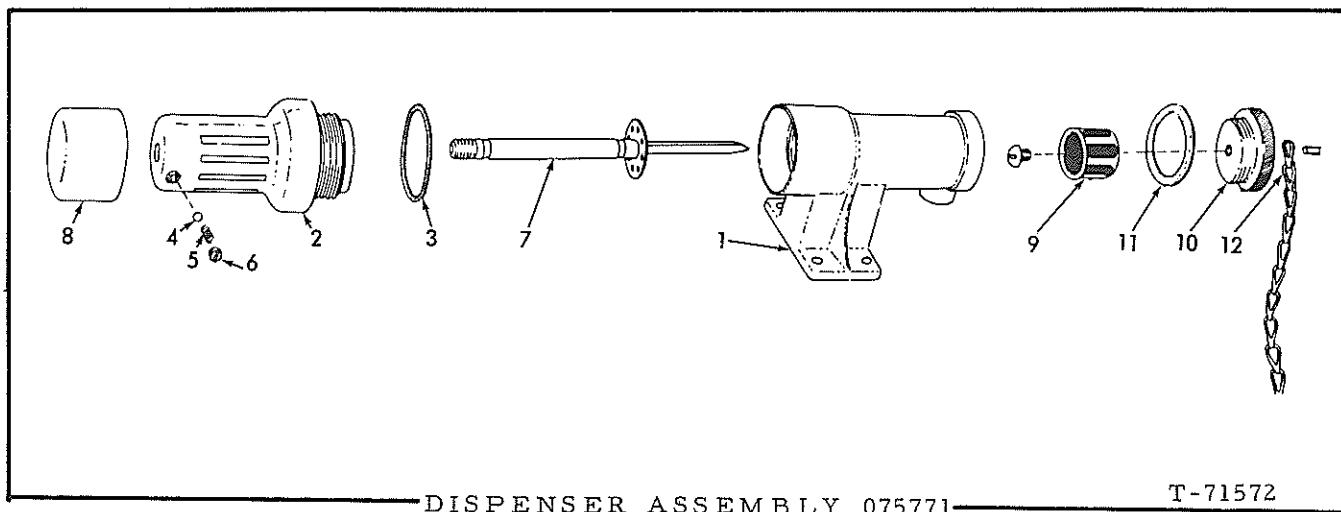


ENGINE PRIMER

T-71570

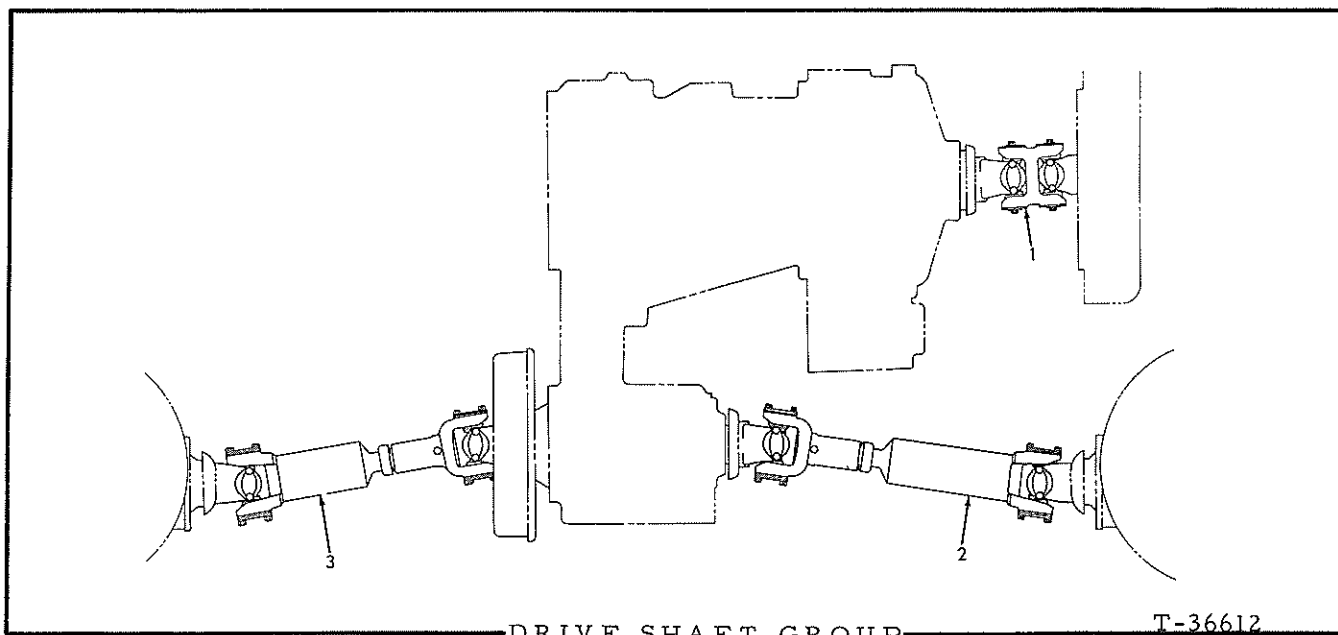
USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	075771	1	DISPENSER ASSEMBLY, priming fuel (See page 67 for parts)
	901174	4	CAPSCREW, #10 NC x 7/8"
	904203	4	LOCKWASHER, #10
	901310	4	NUT, #10 NC
2	3017784	1	TUBE, dispenser to pump
	915557	3	ELBOW, sealastic, 1/8" tube, 1/8" NPT
	915486	3	RING, sealastic, 1/8" tube (Includes ferrule)
	915488	3	NUT, sealastic, 1/8" tube
3	092160	1	PUMP ASSEMBLY (See page 65 for parts)
4	3017785	1	TUBE, pump to air intake elbow
	915557	1	ELBOW, sealastic, 1/8" tube, 1/8" NPT
	915486	1	RING, sealastic, 1/8" tube (Includes ferrule)
	915488	1	NUT, sealastic, 1/8" tube
5	3021882	1	BRACKET, mounting
	915480	2	CAPSCREW, 3/8" NF x 1-3/4"
	911115	2	WASHER, plain, SAE std., 3/8"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
6	3017783	2	GASKET, mounting
7	3017787	1	ELBOW, air intake



USAGE: Used prior to loader serial #555

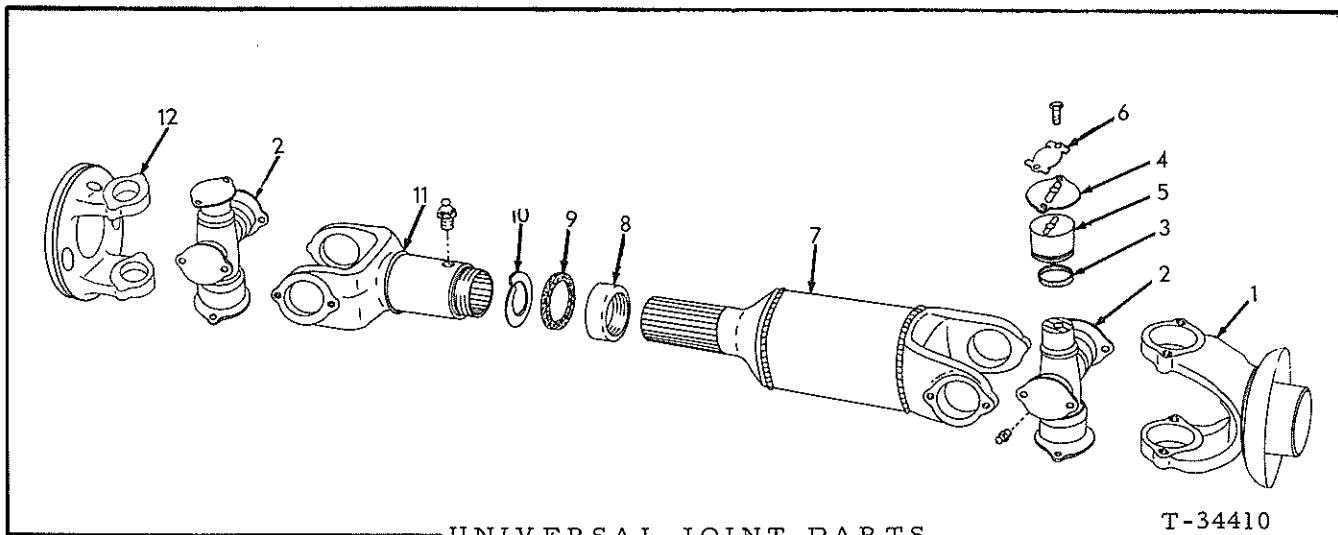
ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 66 for listing of complete Assembly.			
1	068878	1	BODY, fuel dispenser
2	068879	1	CHAMBER, fuel dispenser
3	069164	1	GASKET, fuel dispenser chamber
4	905357	1	BALL, steel, 3/16" diam.
5	066251	1	SPRING, plunger locking ball
6	066252	1	PLUG, retaining, locking ball spring
7	066255	1	PLUNGER, fuel dispenser
8	068881	1	KNOB, fuel dispenser plunger
9	068875	1	STRAINER, fuel dispenser
	915432	1	SCREW, machine, 1/4" NC x 5/16"
10	075770	1	PLUG, fuel dispenser strainer
11	068876	1	GASKET, fuel dispenser strainer plug
12	075769	1	CHAIN, strainer plug retaining
	901781	1	SCREW, machine, fil-hd., #10-32 NF x 1/2"



DRIVE SHAFT GROUP

T-36612

ITEM	PART NO.	QTY.	DESCRIPTION
1	3024882	1	JOINT ASSEMBLY, universal, engine (See page 69 for parts)
2	3027487	1	JOINT ASSEMBLY, universal, rear axle (See below for parts)
	914465	1	FITTING, lubricating, straight, 1/8" NPT
3	3025238	1	JOINT ASSEMBLY, universal, front axle (See below for parts)
	914465	1	FITTING, lubricating, straight, 1/8" NPT



UNIVERSAL JOINT PARTS

T-34410

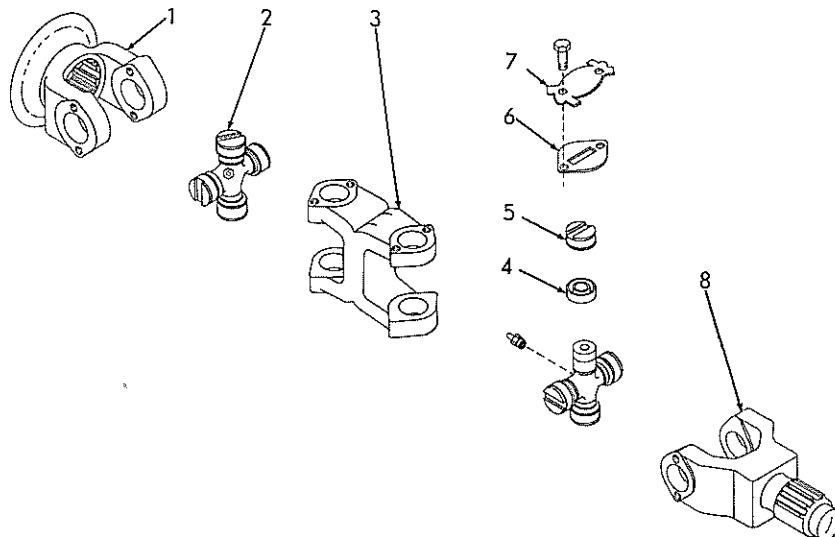
USAGE: * 3025238 UNIVERSAL JOINT ASSEMBLY (To front Axle)
 ** 3027487 UNIVERSAL JOINT ASSEMBLY (To rear Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
			NOTE: See above for listing of complete Assembly.
1	3024621	1 1	YOKE, axle end

(Continued)

UNIVERSAL JOINT PARTS (Continued)

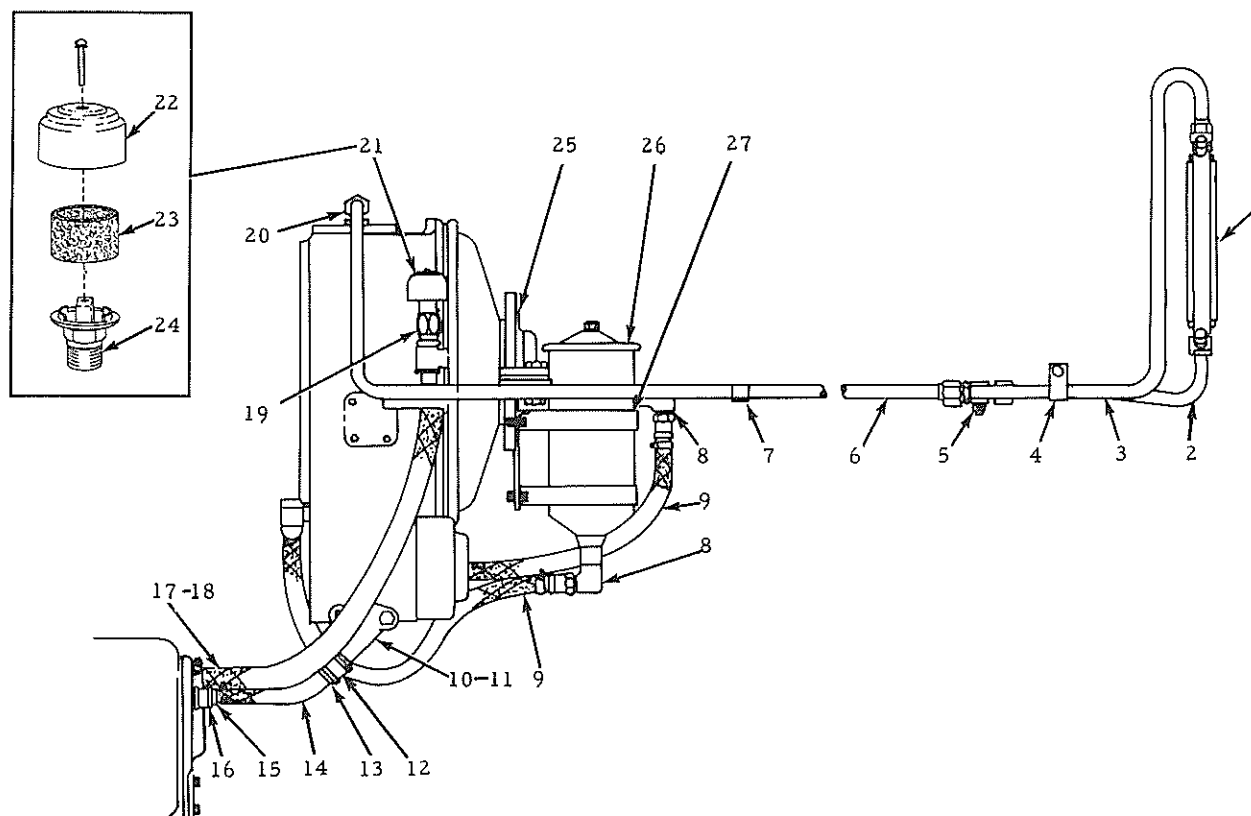
ITEM	PART NO.	QTY.	DESCRIPTION
2	3024508	2 2	CROSS ASSEMBLY (Includes items 3 thru 6 and 1 FITTING 914687)
	914687	2 2	FITTING, lubricating, straight, 1/4" NF
3	3024506	8 8	SEAL, oil
4	3013810	8 8	PLATE, cover, cup assembly
5	-----	8 8	CUP ASSEMBLY, needle (Not serviced, order 3024508)
6	3013811	8 8	PLATE, locking
	920623	16 16	CAPSCREW, 5/16" NF x 1/2"
7	{ 3024517	1 -	YOKE, end
	{ 3026736	- 1	YOKE, end
8	3024516	1 1	CAP, dust
9	3021866	1 1	WASHER (felt)
10	3024515	1 1	WASHER, retainer
11	3024514	1 1	YOKE, slip
12	{ 3024248	1 -	YOKE, transmission to front axle
	{ 3021562	- 1	YOKE, flange, transmission to rear axle



JOINT ASSEMBLY 3024882

T-71717

ITEM	PART NO.	QTY.	DESCRIPTION
			NOTE: See page 68 for listing of complete Assembly.
1	3021562	1	FLANGE ASSEMBLY (Includes yoke)
2	3028862	2	CROSS ASSEMBLY (Includes items 5 thru 7 and 1 FITTING 914687)
	914687	2	FITTING, lubricating, st., 1/4" NF
3	3013812	1	CENTER, double
4	3024506	8	SEAL, oil, bushing assembly
5	3028457	8	BUSHING ASSEMBLY (Includes item 4)
6	3013810	8	PLATE, cover, bushing assembly
7	3013811	8	PLATE, locking
	920623	16	CAPSCREW, 5/16" NF x 1/2"
8	3036558	1	YOKE



TRANSMISSION PIPING GROUP

T-71704

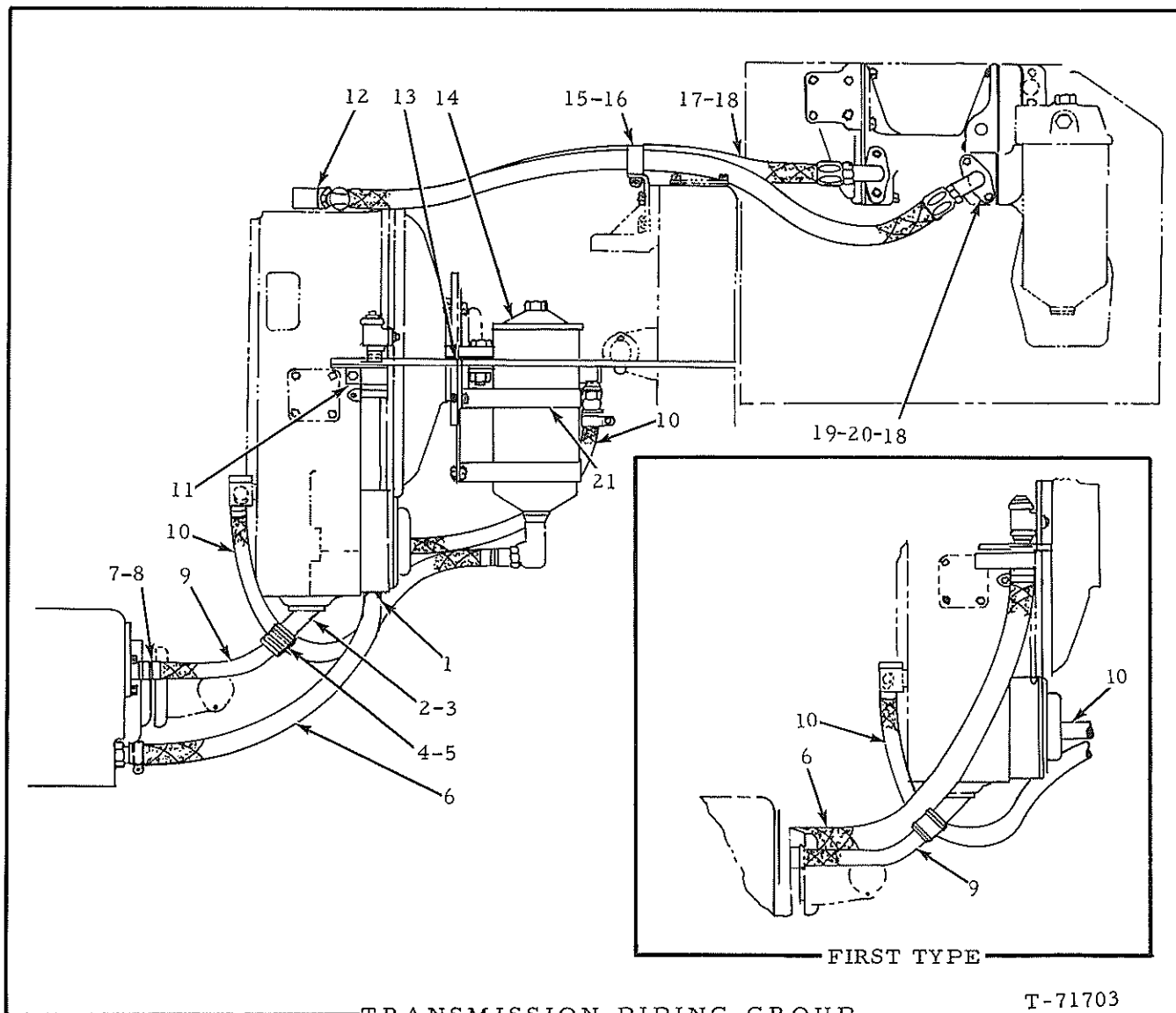
USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023978	1	COOLER, transmission oil
	916381	4	CAPSCREW, 3/8" NF x 3/4"
	904206	4	LOCKWASHER, 3/8"
	905262	2	PLUG, pipe, 3/4" steel, 5/8" sq. -hd.
	919342	2	CONNECTOR, male, 3/4" tube, 3/4" NPT
2	3026008	1	TUBE ASSEMBLY, right
3	3026007	1	TUBE ASSEMBLY, left
4	3011632	2	CLIP, tube supporting
	916225	2	CAPSCREW, 3/8" NF x 1"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
5	3026309	1	TEE
6	3023526	1	TUBE ASSEMBLY, right, converter to radiator tube
	3023525	1	TUBE ASSEMBLY, left, converter to radiator tube

(Continued)

TRANSMISSION PIPING GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	3023535	2	CLIP, tube supporting
	913105	2	CAPSCREW, 1/2" NF x 1-1/2"
	904208	2	LOCKWASHER, 1/2"
	911043	2	NUT, 1/2" NF
8	3002184	3	ELBOW, 90°
9	3042011	2	HOSE ASSEMBLY (Crimped type) (Serviced only as a unit)
	922660	4	CLAMP, adjustable
	922318	1	ELBOW, 90°
10	3021162	1	FLANGE, converter drain
	914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	904206	2	LOCKWASHER, 3/8"
11	3021206	1	GASKET, flange
12	3021161	1	HOSE, converter drain, 1-15/64" I.D. x 1-13/16"
13	3021034	2	CLAMP, spring, converter drain hose
14	3021163	1	TUBE, converter housing, drain
15	3021148	1	HOSE, converter drain, 1" I.D. x 1-3/4"
16	3021033	1	CLAMP, spring, converter drain hose
17	3022128	1	HOSE, oil filter, 1" I.D. x 26"
	922660	2	CLAMP, hose, adjustable
	919847	1	NIPPLE, 3/4" NPT x 2-1/2" (threaded one end)
	921730	1	TEE, pipe reducing
18	3010437	1	CLIP, filler hose supporting
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	911041	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF
19	3026625	1	ADAPTER, breather
20	3002184	2	ELBOW, 90°, converter tube
21	3002766	1	BREATHER ASSEMBLY (Includes items 22 thru 24)
22	3002768	1	CAP, breather
	914172	1	SCREW, machine, #10 NF x 1-1/4"
	904203	1	LOCKWASHER, #10
23	3002769	1	ELEMENT, breather
24	3002767	1	BASE, breather
25	3024013	1	BRACKET, mounting, filter
	916225	3	CAPSCREW, 3/8" NF x 1"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8" NF
26	3039724	1	FILTER ASSEMBLY, transmission (See page 74 for parts)
	915430	4	CAPSCREW, 5/16" NF x 3/4"
	904205	4	LOCKWASHER, 5/16"
	910335	4	WASHER, plain, SAE std., 5/16"
	913636	4	NUT, 5/16" NF
27	3021943	2	STRAP, filter
	903765	2	SCREW, machine, 5/16" NC x 2-1/2"
	904205	2	LOCKWASHER, 5/16"
	910292	2	NUT, 5/16" NC



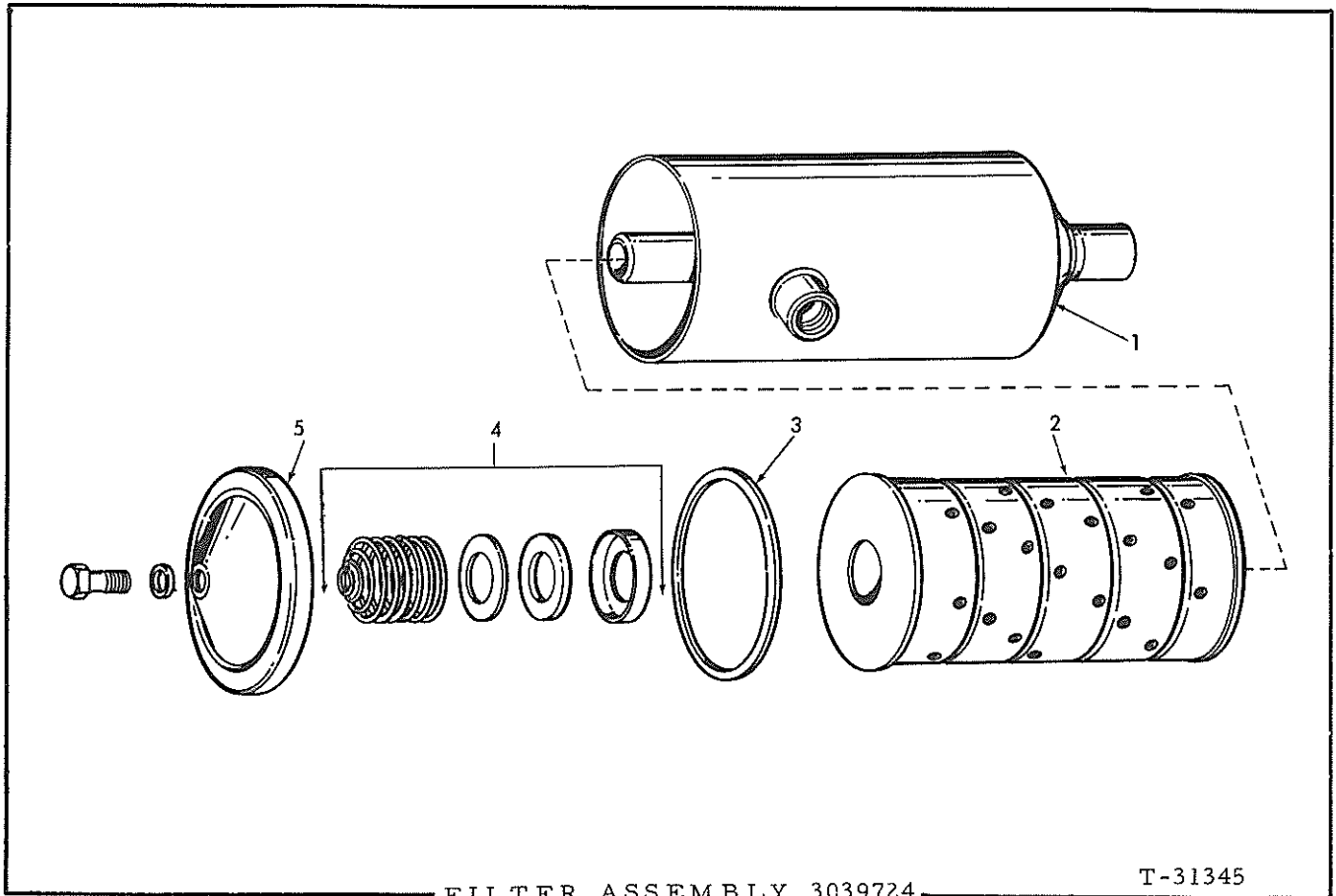
USAGE: Effective with loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	3015405	1	CLIP, hose supporting (Effective with loader serial #840)
2	3021162	1	FLANGE, converter drain
	912069	2	CAPSCREW, 3/8" NC x 2-1/2"
	904206	2	LOCKWASHER, 3/8"
3	3021206	1	GASKET, flange
4	3021161	1	HOSE, 1-1/4" I. D. x 1-3/4", drain flange
5	3021034	2	CLAMP, hose

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TRANSMISSION PIPING GROUP (Continued)

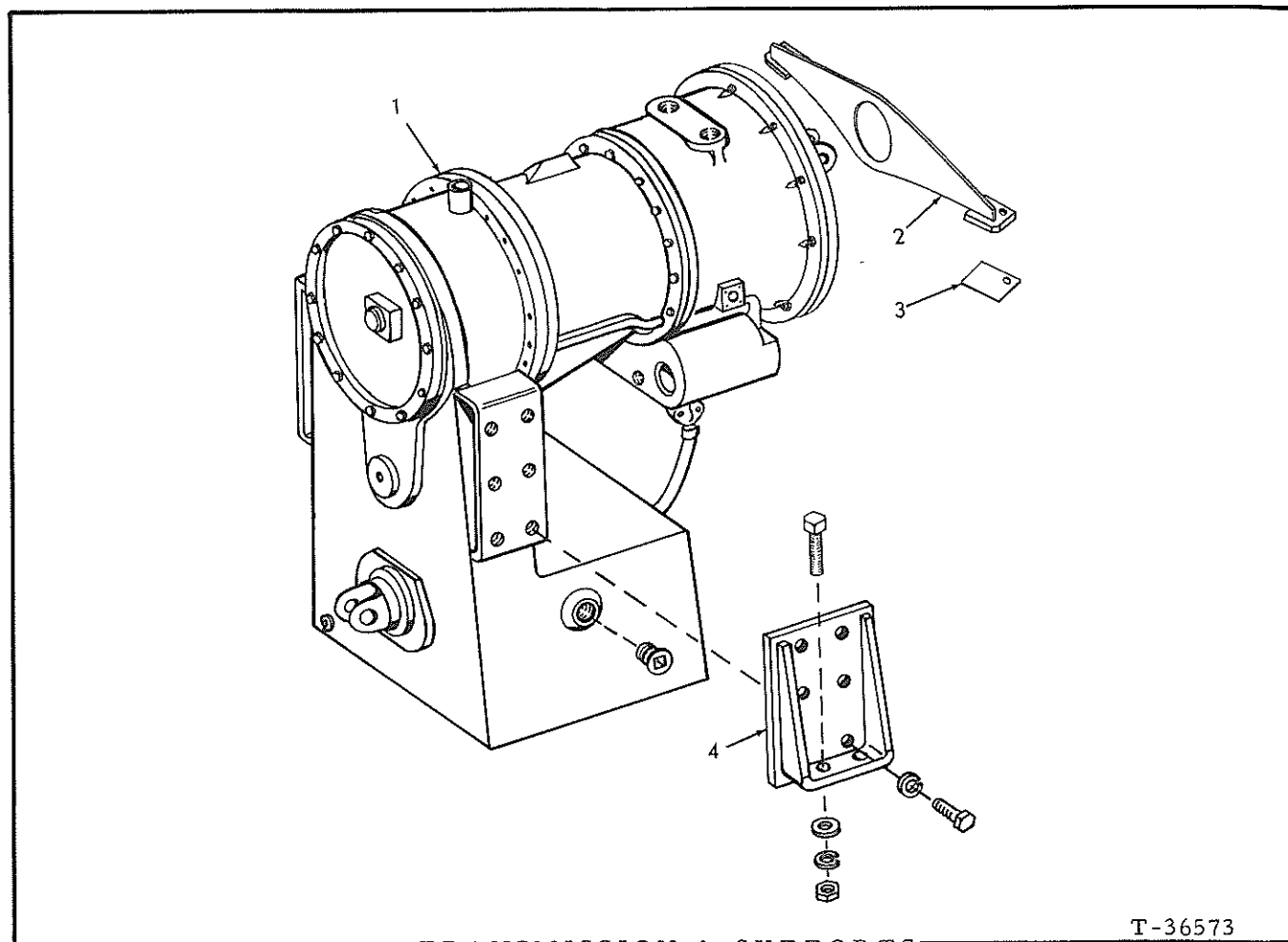
ITEM	PART NO.	QTY.	DESCRIPTION
6	3022128	1	HOSE, 1" I. D. x 26" (Used prior to loader serial #840)
	3035382	1	HOSE, 1" I. D. x 41" (Effective with loader serial #840)
	3032178	1	NIPPLE, hose
	901844	1	BUSHING, pipe
	922660	2	CLAMP, hose, adjustable
	919847	1	NIPPLE, 3/4" NPT x 2-1/2"
	921730	1	TEE, reducing
	905262	1	PLUG, pipe, 3/4" steel, 5/8" sq. -hd.
7	3021148	1	HOSE, converter drain, 1" I. D. x 1-3/4" (Transmission end)
8	3021033	2	CLAMP, hose
9	3021163	1	TUBE, converter drain (flange to transmission)
10	3042011	2	HOSE ASSEMBLY (Crimped type) (Serviced only as a unit)
	920751	1	ELBOW, 3/4" tube, 1/2" NPT, male
	919269	3	ELBOW, 3/4" tube, 3/4" NPT, male
11	3010437	1	CLIP, filler hose support
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF
12	3017944	2	ELBOW, 90°
13	3024013	1	BRACKET, transmission filter
	916225	3	CAPSCREW, 3/8" NF x 1"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8" NF
14	3039724	1	FILTER ASSEMBLY, transmission (See page 74 for parts)
	915430	4	CAPSCREW, 5/16" NF x 3/4"
	904205	4	LOCKWASHER, 5/16"
	910335	4	WASHER, plain, SAE std., 5/16"
	913636	4	NUT, 5/16" NF
15	3029503	1	BRACKET, clip mounting
16	3021717	2	CLIP, hose assembly supporting
	913249	1	CAPSCREW, 1/2" NF x 1-1/4"
	911414	1	WASHER, plain, SAE std., 1/2"
	904208	1	LOCKWASHER, 1/2"
	911043	1	NUT, 1/2" NF
17	3041853	1	HOSE ASSEMBLY, transmission to cooler (Crimped type) (Serviced only as a unit)
	916254	2	CAPSCREW, 7/16" NC x 1"
	904207	2	LOCKWASHER, 7/16"
18	4335578	3	GASKET (2 used with item 19)
19	3029512	1	HOSE ASSEMBLY, transmission cooling (See page 6 for parts)
	920648	2	CAPSCREW, 7/16" NC x 2"
	904207	2	LOCKWASHER, 7/16"
20	3029514	1	ADAPTER, heat exchanger
21	3021943	2	STRAP, filter
	903765	2	SCREW, machine, 5/16" NC x 2-1/2"
	904205	2	LOCKWASHER, 5/16"
	910292	2	NUT, 5/16" NC



FILTER ASSEMBLY 3039724

T-31345

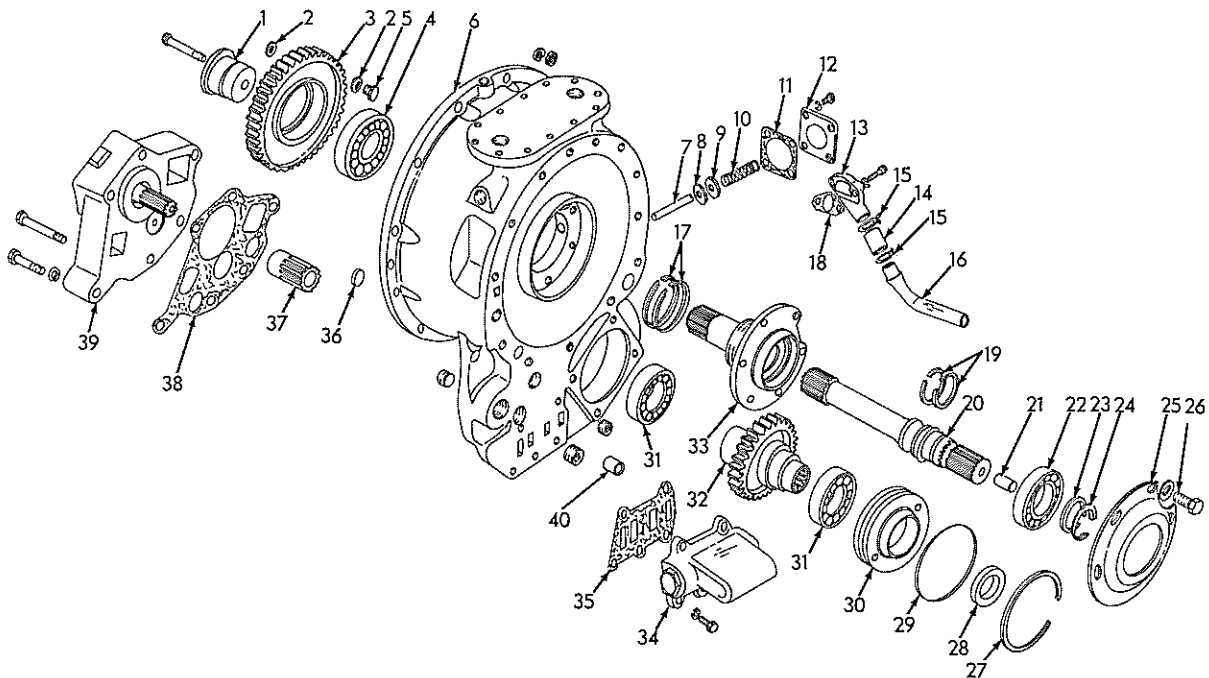
ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 73 for listing of complete Assembly.			
1	3021944	1	BODY, filter
2	4371021	1	ELEMENT KIT (Includes item 3)
3	4372325	1	GASKET, cover
4	3021948	1	SPRING ASSEMBLY (Includes spring, retainer, washer and gasket) (Serviced only as a unit)
5	3021851	1	COVER ASSEMBLY, filter (Includes item 4 and hardware indented below)
	914875	1	CAPSCREW, 1/2" NF x 1"
	908191	1	WASHER, plain, copper, 1/2"



TRANSMISSION & SUPPORTS

T-36573

ITEM	PART NO.	QTY.	DESCRIPTION
1	3043591	1	TRANSMISSION ASSEMBLY (See pages 76 thru 93) for parts)
	913828	12	CAPSCREW, 5/8" NC x 1-1/2"
	904209	12	LOCKWASHER, 5/8"
2	3024061	1	SUPPORT, transmission
	916021	2	CAPSCREW, 5/8" NF x 2"
	904209	2	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8" NF
3	3020527	-	SHIM (.0598" thick. Use as required)
4	3023894	2	BRACKET, supporting
	916406	4	CAPSCREW, 5/8" NF x 1-3/4"
	904209	4	LOCKWASHER, 5/8"
	911044	4	NUT, 5/8" NF



CONVERTER HOUSING AND DRIVE GEARS

T-34429

ITEM	PART NO.	QTY.	DESCRIPTION
1	3021179	1	SPINDLE, accessory drive gear
	3021224	1	CAPSCREW, 7/16" NC x 1-3/4"
2	3039322	-	WASHER
3	3039320	1	GEAR ASSEMBLY (Includes items 2, 4 and 5)
4	200130	1	BEARING, gear
5	3039321	-	RIVET
6	3025970	1	HOUSING, torque converter
7	3021081	1	PIN, guide
8	3029949	1	□ WASHER, regulating valve (First type)
	3039426	1	□ WASHER, regulating valve (Second type)
9	3038871	1	VALVE, pressure regulating (Order also 1 WASHER 3039426)
10	3021068	1	SPRING, regulating valve
11	3021080	1	□ GASKET, cover
12	3021160	1	COVER, pressure regulating valve
	915408	4	CAPSCREW, 3/8" NC x 3/4"
	904206	4	LOCKWASHER, 3/8"

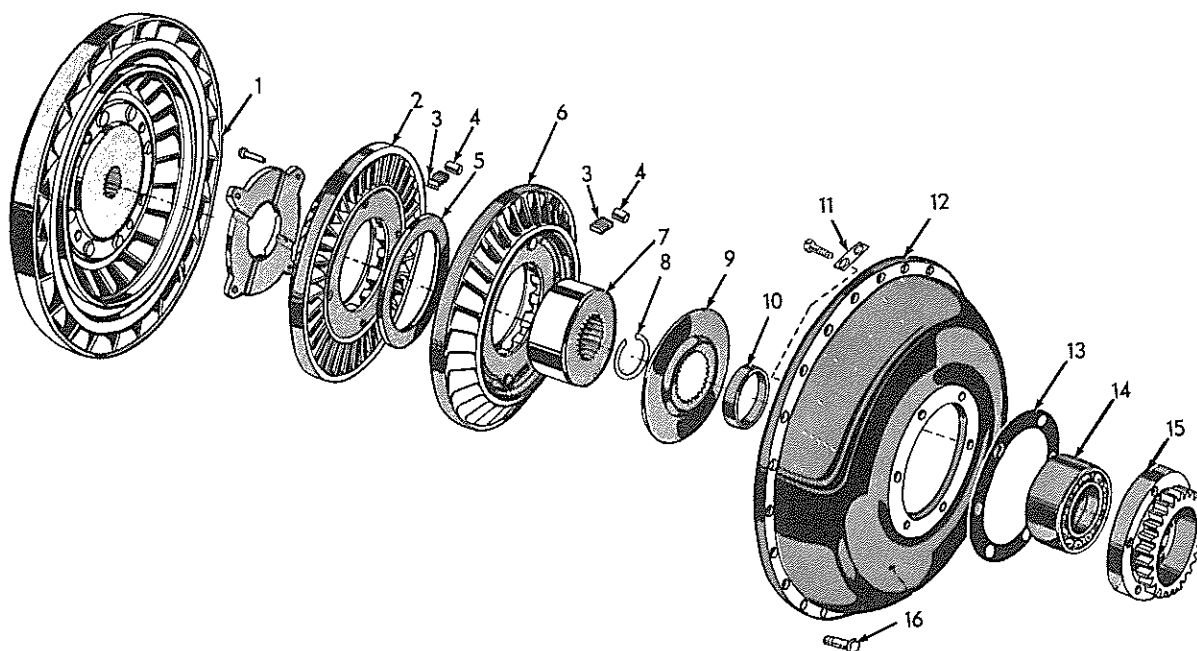
□ (Also see PACKAGED PARTS)

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CONVERTER HOUSING AND DRIVE GEARS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	3021162	1	FLANGE, converter housing drain
	914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	904206	2	LOCKWASHER, 3/8"
14	3021161	1	HOSE, flange to tube
15	3021034	2	CLAMP, hose
16	3021163	1	TUBE, converter housing drain
17	3021221	2	□ RING, seal, hook type
18	3021206	1	□ GASKET, converter drain
19	3020208	2	RING, hook type seal
20	3021139	1	SHAFT ASSEMBLY (Includes item 21)
21	3033705	1	PLUG, lube orifice
22	3021043	1	BEARING, ball
23	3021054	1	RING, snap
24	3021076	1	RING, snap
25	3021101	1	RETAINER, bearing
26	3021223	6	CAPSCREW, 3/8" NC x 7/8"
27	3021203	1	RING, external snap
28	3026156	1	SEAL
29	3021233	1	O-RING, seal
30	3021245	1	RETAINER, bearing
31	042847	2	BEARING, ball
32	3021244	1	GEAR, implement pump drive
33	3025634	1	SLEEVE, converter
34	-----	1	VALVE ASSEMBLY, pressure regulating (See page 80 for parts)
	915228	5	CAPSCREW, 3/8" NC x 1-1/4"
	904206	5	LOCKWASHER, 3/8"
35	3021111	1	GASKET, valve
36	3021158	1	PLUG, expansion
37	3021089	1	COUPLING, oil pump drive
38	3021088	1	GASKET, oil pump
39	3021105	1	PUMP ASSEMBLY, oil charging (See page 81 for parts)
	916274	2	CAPSCREW, 3/8" NC x 2-1/4"
	915990	4	CAPSCREW, 3/8" NC x 2-3/4"
	904206	6	LOCKWASHER, 3/8"
40	3025687	1	TUBE, oil director

□ (Also see PACKAGED PARTS)

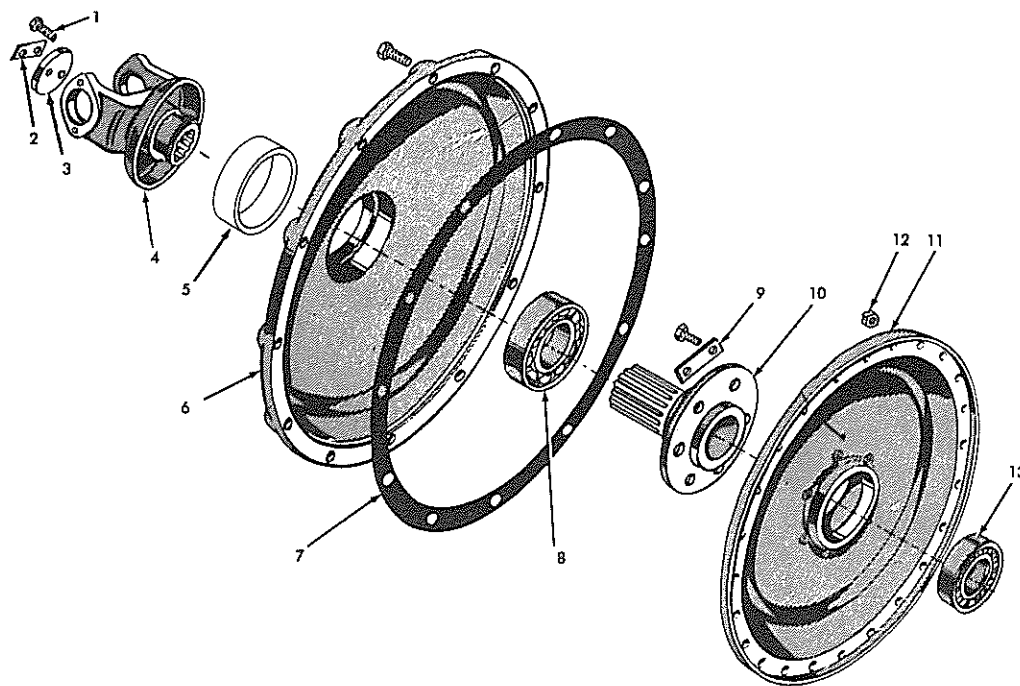


TORQUE CONVERTER PUMP GROUP

T-36575

ITEM	PART NO.	QTY.	DESCRIPTION
1	3021152	1	TURBINE, torque converter
2	3021167	1	STATOR ASSEMBLY, first (Includes 4 RIVET, 1 WASHER, and 1 STATOR) (Serviced only as a unit)
3	3031254	16	SPRING, freewheel roller
4	3021220	16	ROLLER, freewheel
5	3021077	1	WASHER, spacing
6	3021082	1	STATOR, second
7	3021085	1	RACE, freewheel
8	3021087	1	RING, external snap
9	3021084	1	SPACER, stator
10	3021086	1	SPACER, pump
11	3021122	3	STRIP, locking
	913249	6	CAPSCREW, 1/2" NF x 1-1/4"
12	3021116	1	PUMP ASSEMBLY, torque converter
13	3021210	1	□ GASKET, pump
14	3043934	1	BEARING, ball
15	3021211	1	GEAR, input accessory drive
16	3033044	24	CAPSCREW, 5/16" NF x 1"

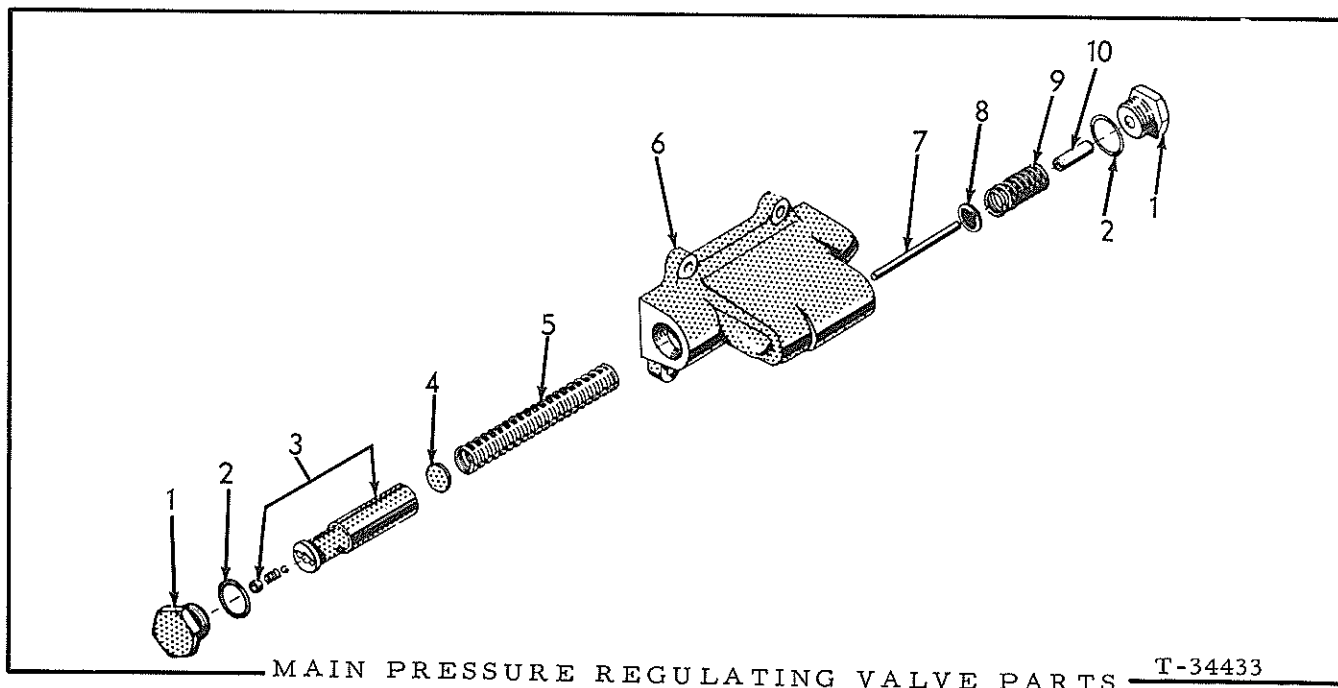
□ (Also see PACKAGED PARTS)



TORQUE CONVERTER COVER AND DRIVE GROUP T-36574

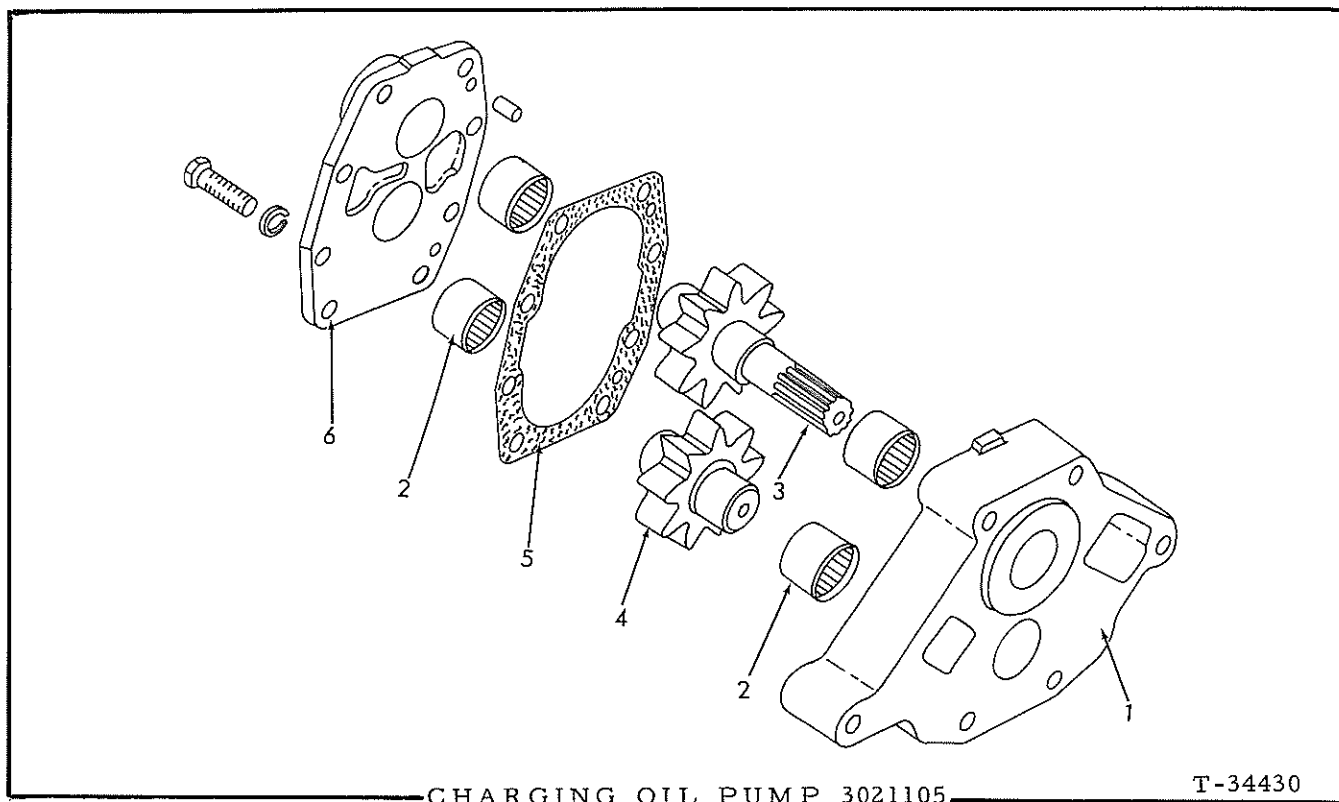
ITEM	PART NO.	QTY.	DESCRIPTION
1	3033689	2	CAPSCREW, 3/8" NF x 1-1/8"
2	3021228	1	□ STRIP, locking
3	3021226	1	WASHER, flange retaining
4	3021562	1	FLANGE ASSEMBLY (Includes shield) (Serviced only as a unit)
5	3021065	1	□ SEAL, flange
6	3021131	1	COVER, transmission front
	916385	12	CAPSCREW, 3/8" NF x 2"
	904206	12	LOCKWASHER, 3/8"
	911041	12	NUT, 3/8" NF
7	3021157	1	□ GASKET, cover
8	067566	1	BEARING, single row, ball
9	3021122	3	□ STRIP, locking
	918683	6	CAPSCREW, 1/2" NC x 1-1/8"
10	3021132	1	SHAFT, converter drive
11	3021166	1	COVER, converter pump
12	3021041	24	NUT, 5/16" NF
13	3007501	1	BEARING, cover

□(Also see PACKAGED PARTS)



USAGE: * 3021204 - Valve Assembly - Used prior to transmission serial #21619
 ** 3034590- Valve Assembly - Effective with transmission serial #21619

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	NOTE: See page 77 for listing of complete Assembly.
1	3021093	1 2	PLUG, body
2	3021011	1 2	□ GASKET, plug
3	3028858	1 -	VALVE ASSEMBLY, pressure regulating (Includes retainer, spring ball and valve) (Serviced as a unit)
	3034593	- 1	VALVE ASSEMBLY, pressure regulating (Includes retainer, spring ball and valve) (Serviced as a unit)
4	3027991	- -	SHIM, pressure regulating (.0428" thick. Use as required)
5	3033767	1 1	SPRING, pressure regulator
6	3021177	1 -	BODY, pressure regulator valve
	3034592	- 1	BODY, pressure regulator valve
7	3034602	- 1	PIN, valve guide
8	3034601	- 1	VALVE, pressure relief
9	3034600	- 1	SPRING, pressure relief valve
10	3034599	- 1	TUBE, spring guide
			□ (Also see PACKAGED PARTS)

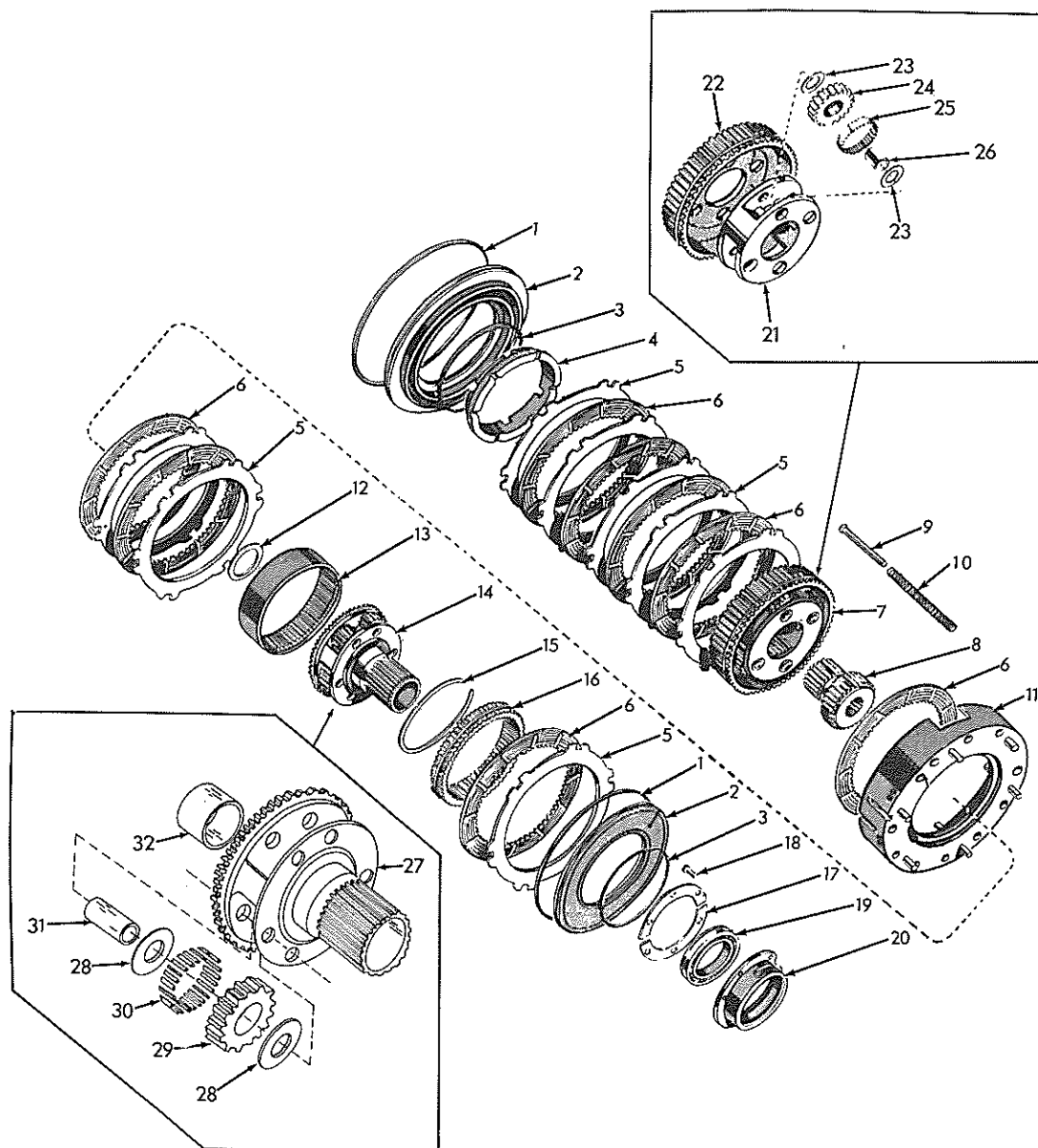


ITEM	PART NO.	QTY.	DESCRIPTION
------	----------	------	-------------

NOTE: See page 77 for listing of complete Assembly.

1	3021142	1	BODY ASSEMBLY, oil pump (Includes item 2)
2	051513	4	BEARING, needle
3	3021103	1	GEAR, drive
4	3021102	1	GEAR, driven
5	3021144	1	□ GASKET, pump cover
6	3021098	1	COVER ASSEMBLY, oil pump (Includes item 2)
	916271	4	CAPSCREW, 3/8" NC x 1"
	904206	4	LOCKWASHER, 3/8"

□ (Also see PACKAGED PARTS)



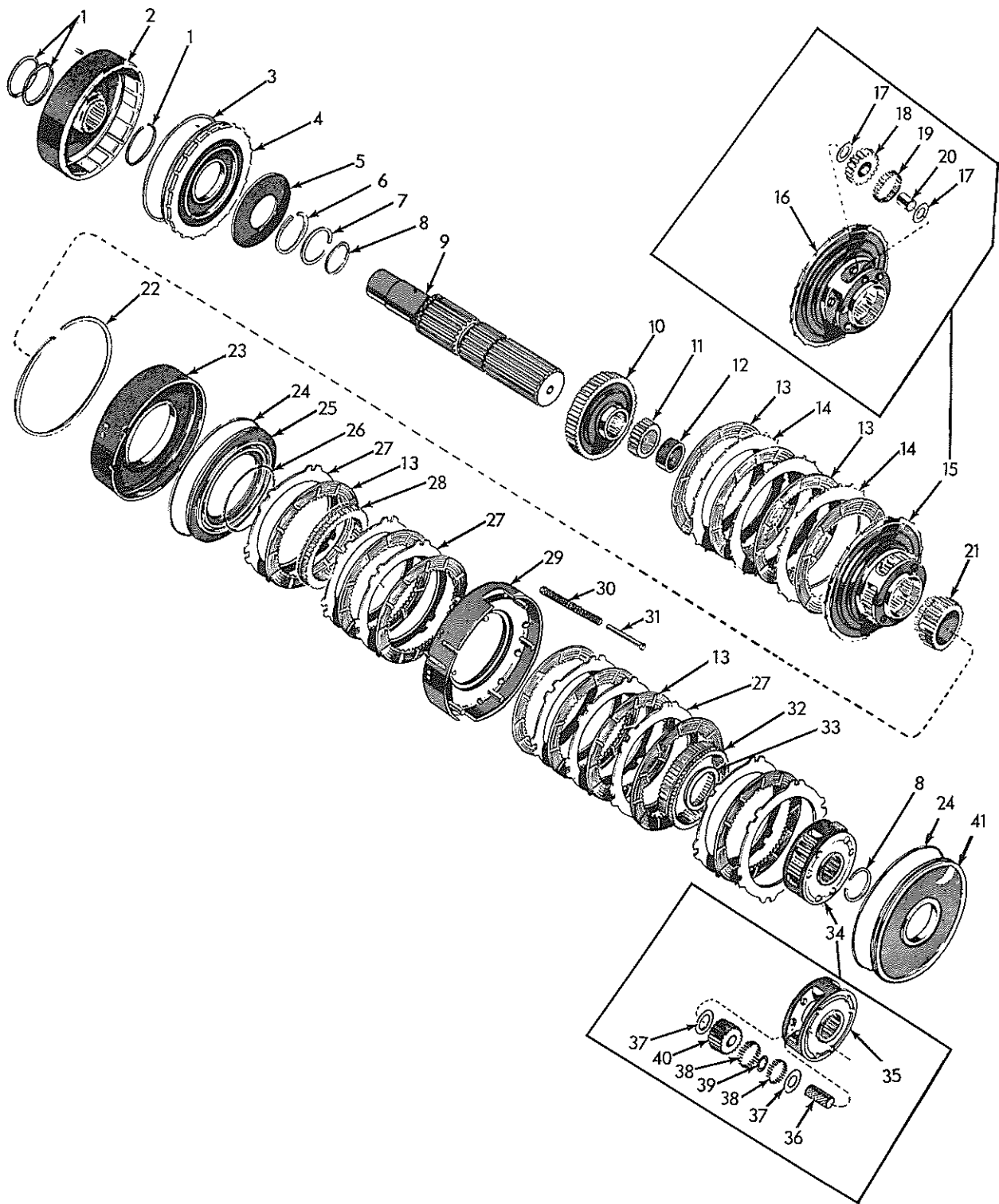
FORWARD AND REVERSE PLANETARIES AND CLUTCHES T-34432

ITEM	PART NO.	QTY.	DESCRIPTION
1	3042146	2	□ SEAL KIT, external (Includes expander)
2	3045280	2	PISTON, clutch apply
3	3042138	2	□ SEAL KIT, internal (Includes expander)
4	3021216	1	SPACER
5	3021191	8	PLATE, internal splined, forward and reverse clutch
6	3021215	8	PLATE, internal splined, forward and reverse clutch

(Continued)

FORWARD AND REVERSE PLANETARIES AND CLUTCHES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	3021218	1	CARRIER ASSEMBLY, reverse planetary (Includes items 21 thru 26)
8	3021096	1	GEAR, forward and reverse sun
9	3021036	12	PIN, spring guide
10	3032981	12	SPRING, piston return
11	3021242	1	ANCHOR, reverse clutch
12	3021123	1	WASHER, thrust
13	3021104	1	GEAR, reverse ring
14	3042823	1	CARRIER ASSEMBLY, forward planetary (Includes items 27 thru 32)
15	3021079	1	RING, internal snap
16	3046941	1	GEAR, forward ring
17	3021100	2	RETAINER, bearing (half)
18	3021223	6	CAPSCREW, slotted, 3/8" NC x 7/8"
19	3021049	1	BEARING
20	3021095	1	HUB, oil transfer
21	-----	1	CARRIER, reverse planetary (Not serviced, order 3021218)
22	3021217	1	HUB, reverse planetary
23	3041695	8	WASHER, pin thrust
24	3041696	1	PINION SET (Consists of four (4) pinions)
25	3021051	88	ROLLER, planetary pin
26	3021097	4	PIN, planetary spindle
27	-----	1	CARRIER, forward planetary (Not serviced, order 3042823)
28	3021073	12	WASHER, pin thrust
29	3021250	1	PINION SET (Consists of six (6) pinions)
30	3021074	120	ROLLER, planetary pin
31	3021072	6	PIN, planetary spindle
32	3021119	1	BUSHING, carrier assembly □ (Also see PACKAGED PARTS)



T-34431

INTERMEDIATE, HIGH AND LOW RANGE PLANETARIES AND CLUTCHES

INTERMEDIATE, HIGH, AND LOW RANGE PLANETARIES AND CLUTCHES

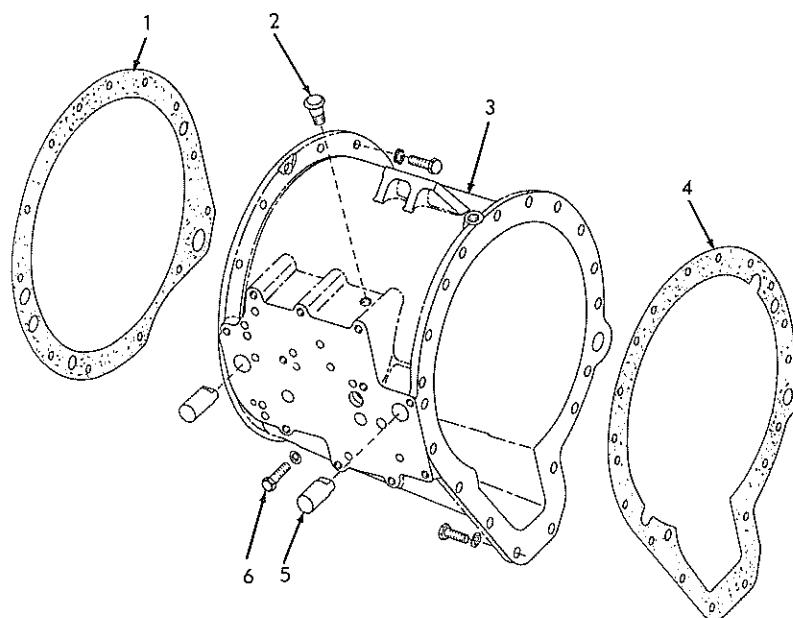
ITEM	PART NO.	QTY.	DESCRIPTION
1	3021121	3	□ RING, hook-type seal
2	3044118	1	DRUM ASSEMBLY, intermediate range clutch (Includes pin) (Serviced only as a unit)
3	3021155	1	□ O-RING, sealing
4	3021212	1	PISTON ASSEMBLY, intermediate range (Includes ball) (Serviced only as a unit)
5	3021186	1	SPRING, piston return
6	3021057	1	RING, snap, spring retaining
7	3021055	1	RING, snap, drum retaining
8	3021069	2	RING, external snap
9	3036962	1	SHAFT, transmission (Prior to transmission serial #24029, also order 1 RING, 3021069 and remove spacer 3021181)
10	3021182	1	HUB, intermediate range clutch
11	3021071	1	GEAR, high range sun
12	3021181	1	SPACER, carrier
13	3021215	12	PLATE, internal splined, intermediate, high and low clutch
14	3021193	3	PLATE, intermediate clutch
15	3021198	1	CARRIER ASSEMBLY, high range (Includes items 16 thru 20)
16	-----	1	CARRIER, high range (Not serviced, order 3021198)
17	3021073	12	WASHER, pin thrust
18	3021250	1	PINION SET (Consists of six pinions)
19	3021074	120	ROLLER, planetary pin
20	3021072	6	PIN, planetary
21	3021175	1	GEAR, low range sun
22	3021124	1	RING, internal snap
23	3021178	1	HOUSING, high range piston
24	3042146	2	□ SEAL KIT, external (Includes expander)
25	3046507	1	PISTON, high range clutch
26	3042138	1	□ SEAL KIT, internal (Includes expander)
27	3021191	8	PLATE, high and low clutch

(Continued)

INTERMEDIATE, HIGH, AND LOW RANGE PLANETARIES AND CLUTCHES
(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
28	3046941	1	GEAR, high range clutch ring
29	3021242	1	ANCHOR, high and low range
30	3032981	12	SPRING, piston return
31	3021036	12	PIN, spring guide
32	3021195	1	GEAR, low range ring
33	3021188	1	WASHER, thrust
34	3042822	1	CARRIER ASSEMBLY, low range planetary (Includes items 35 thru 40)
35	-----	1	CARRIER, planetary (Not serviced, order 3042822)
36	3021099	6	PIN, planetary
37	3021073	12	WASHER, thrust
38	3021118	240	ROLLER, planetary pin
39	3021141	6	SPACER
40	3021000	1	PINION SET (Consists of six pinions)
41	3021183	1	PISTON, low range clutch

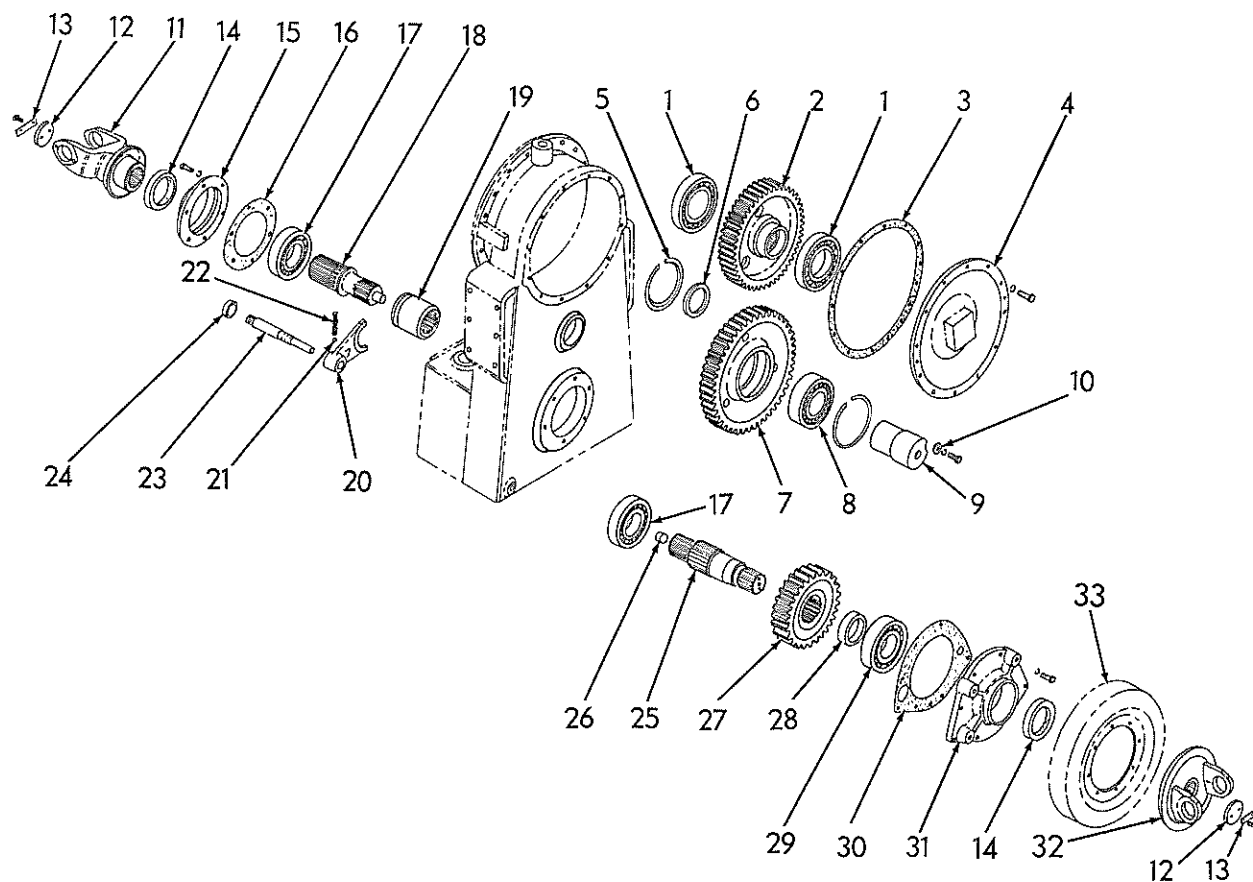
□ (Also see PACKAGED PARTS)



PLANETARY AND CLUTCH HOUSING

T-29429

ITEM	PART NO.	QTY.	DESCRIPTION
1	3021108	1	□ GASKET, converter housing
2	3021062	1	BREATHER, transmission
3	3021194	1	HOUSING, transmission
	920649	31	CAPSCREW, 7/16" NC x 1-3/8"
	904207	31	LOCKWASHER, 7/16"
4	3021115	1	□ GASKET, transmission housing
5	3021241	2	PIN, clutch anchor
6	3033682	1	CAPSCREW, 3/8" NC x 1-1/2"
	904206	1	LOCKWASHER, 3/8"
			□ (Also see PACKAGED PARTS)



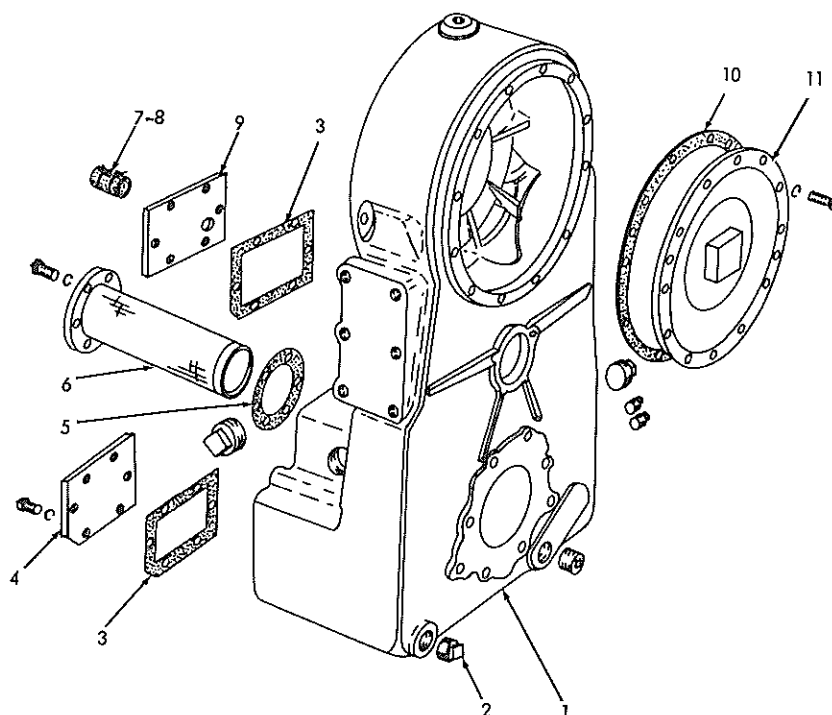
TRANSFER GEARS, COVER AND OUTPUT SHAFT T-29452

ITEM	PART NO.	QTY.	DESCRIPTION
1	042975	2	BEARING, ball
	3021121	1	□ RING, snap, bearing retaining (Not Illustrated)
2	3021172	1	GEAR, transfer drive
3	3021114	1	□ GASKET, transfer drive gear cover
4	3021113	1	COVER, transfer drive gear
	915228	12	CAPSCREW, 3/8" x 1-1/4"
	904206	12	LOCKWASHER, 3/8"
5	3021060	2	RING, snap, idler gear bearing retaining
6	3021200	1	SPACER, idler gear bearing
7	3021156	1	GEAR, idler (See Master Numerical Index)
8	3021219	1	BEARING, ball, idler gear

(Continued)

TRANSFER GEARS, COVER AND OUTPUT SHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	3021201	1	SPINDLE, idler gear
	920600	1	CAPSCREW, 7/16" x 1"
	904207	1	LOCKWASHER, 7/16"
10	3021197	1	WASHER, plain
11	3021562	1	FLANGE ASSEMBLY, rear output (Includes dust shield)
12	3021226	2	WASHER, flange retainer
	920619	4	CAPSCREW, 3/8" NF x 1-1/8"
13	3021228	2	STRIP, locking
14	3021065	2	□ SEAL, oil, flange
15	3021159	1	RETAINER, bearing, rear output
	916271	6	CAPSCREW, 3/8" NF x 1"
	904206	6	LOCKWASHER, 3/8"
16	3021117	1	□ GASKET, bearing retaining
17	3012089	2	BEARING, ball, front and rear output shaft
18	3021126	1	SHAFT, rear output
19	3021127	1	COUPLING, shaft, rear output
20	3021128	1	FORK, shifter, transmission
21	915905	2	BALL, detent
22	3021129	1	SPRING, detent
23	3021120	1	SHAFT, shifter fork
24	3021053	1	□ SEAL, shaft
25	3021202	1	SHAFT ASSEMBLY, front output (Includes item 26)
26	3021094	1	BUSHING, shaft
27	3021173	1	GEAR, driven
28	3021209	1	SPACER, driven gear
29	3021048	1	BEARING, ball, front shaft
30	3021125	1	□ GASKET, front bearing retainer
31	3021180	1	RETAINER, front bearing
	919225	6	CAPSCREW, 3/8" NC x 1-3/8"
	904206	6	LOCKWASHER, 3/8"
32	3024248	1	FLANGE, front output
33	3021728	1	BRAKE ASSEMBLY, parking (See page 91 for parts)
			□ (Also see PACKAGED PARTS)

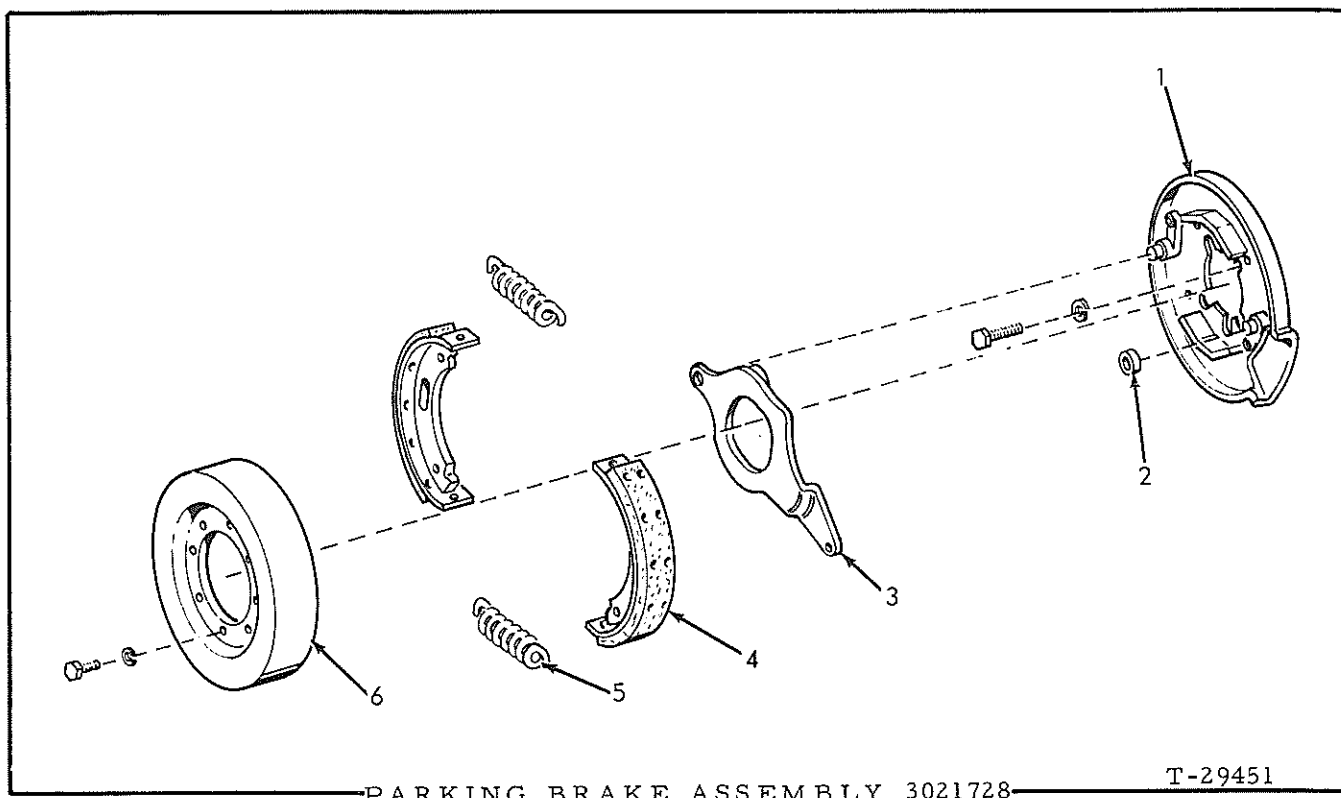


TRANSFER HOUSING AND FILTER

T-34426

ITEM	PART NO.	QTY.	DESCRIPTION
1	3036324	1	HOUSING, transfer gear
2	3021038	1	PLUG, pipe, oil sump drain
	901666	1	PLUG, pipe, cts'k., 1" NPTF
	920130	1	PLUG, pipe (oil level) 1/4" NPTF
	921500	2	PLUG, pipe (oil filler) sq-hd., 1-1/4" NPT
3	3021146	2	□ GASKET, cover
4	3021147	1	COVER, inspection
	916271	6	CAPSCREW, 3/8" NC x 1"
	904206	6	LOCKWASHER, 3/8"
5	3021056	1	□ GASKET, oil strainer
6	3021150	1	STRAINER, oil
	916269	6	CAPSCREW, 3/8" NC x 7/8"
	904206	6	LOCKWASHER, 3/8"
7	3021148	1	HOSE, converter housing drain
8	3021033	2	CLAMP, hose, adjustable
9	3021941	1	COVER, inspection drain
	916271	6	CAPSCREW, 3/8" NC x 1"
	904206	6	LOCKWASHER, 3/8"
10	-----	1	GASKET (See TRANSFER GEARS, COVER AND OUTPUT SHAFT)
11	-----	1	COVER (See TRANSFER GEARS, COVER AND OUTPUT SHAFT)

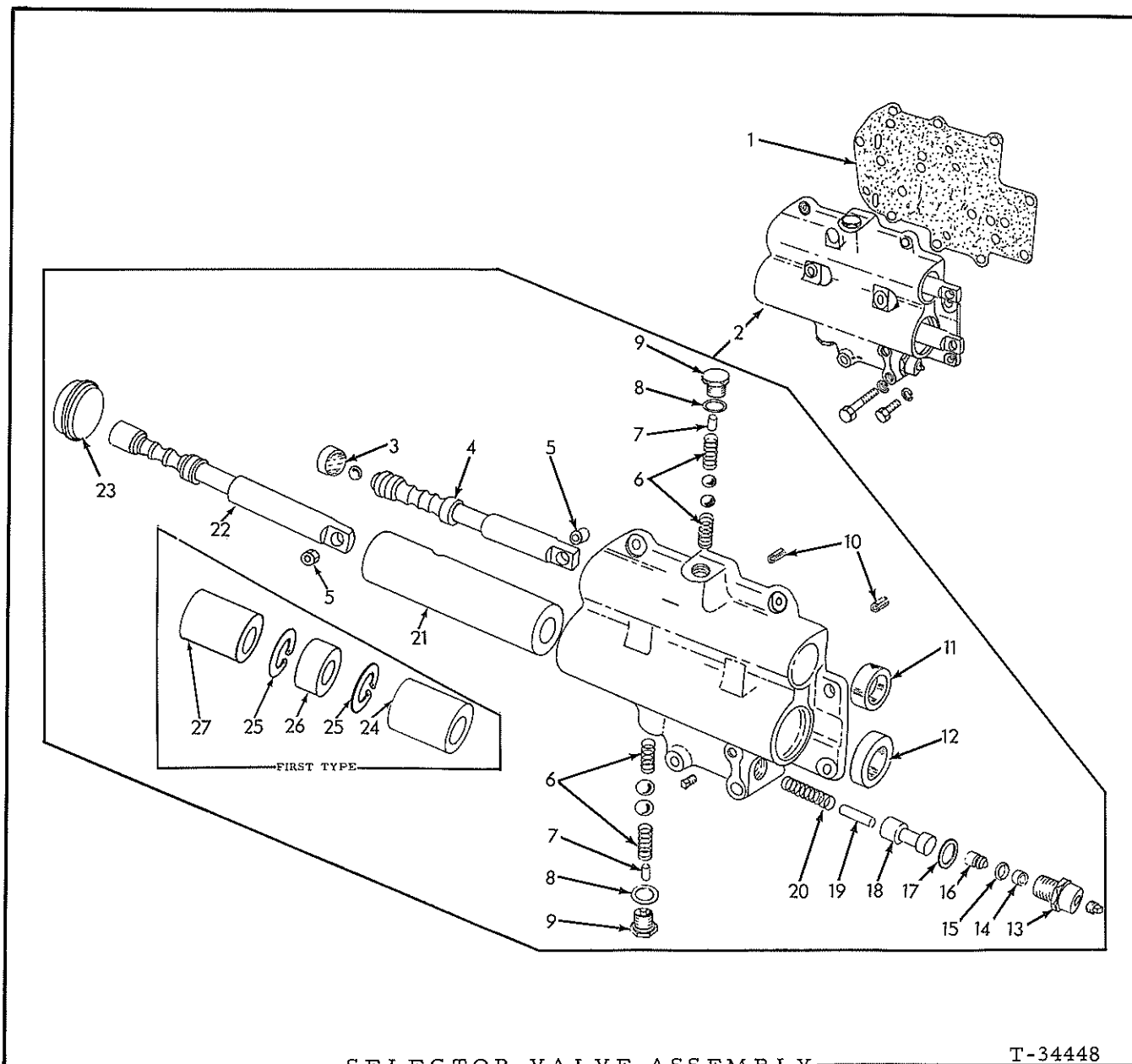
□ (Also see PACKAGED PARTS)



PARKING BRAKE ASSEMBLY 3021728

T-29451

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 89 for listing of complete Assembly.			
1	3022157	1	PLATE, backing
	913827	3	CAPSCREW, 5/8" NC x 1-1/4"
	904209	3	LOCKWASHER, 5/8"
2	3022154	2	ROLLER, shoe guide
3	3022155	1	LEVER, operating cam
4	3022153	2	SHOE ASSEMBLY (Includes lining and rivets, serviced only as a unit)
	-----	2	LINING (Not serviced, order lining kit 3028982)
	3031167	28	RIVET, brake lining
5	3022152	2	SPRING, brake shoe return
6	3022156	1	DRUM, brake
	3033691	8	CAPSCREW, 3/8" NF x 3/4"
	904206	8	LOCKWASHER, 3/8"
-	3028982	1	LINING KIT (Consists of two (2) lining and 28 RIVET 3031167)



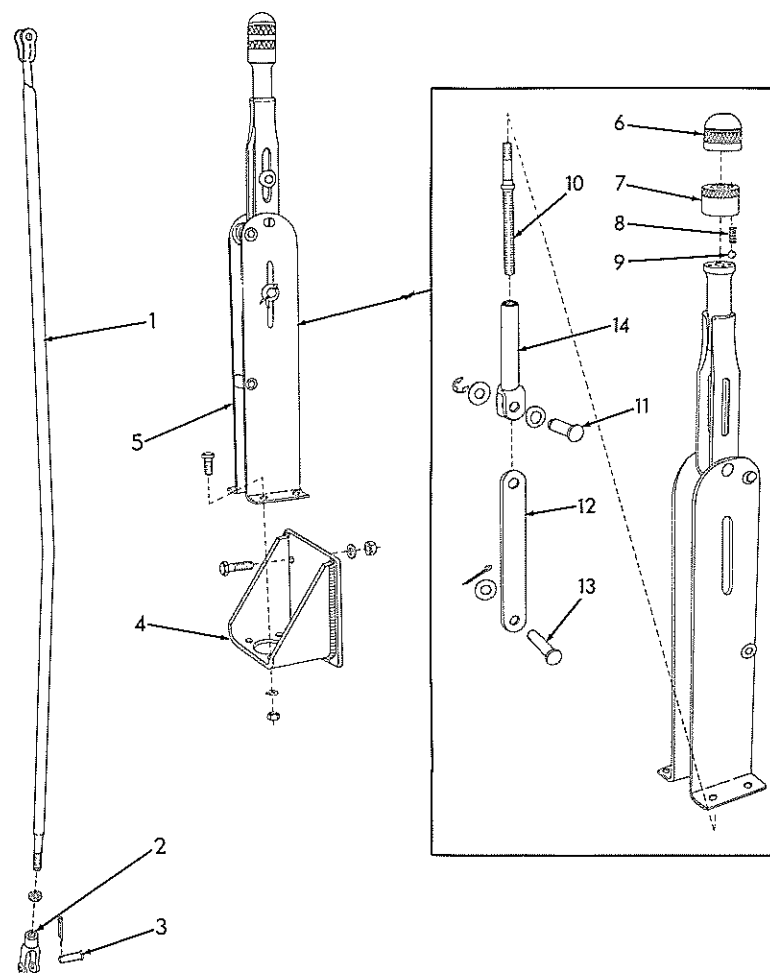
USAGE: * Used prior to transmission serial #17593
 ** Effective with transmission serial #17593

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	3021190	1	1	□ GASKET, valve mounting
2	3021205	1	-	VALVE ASSEMBLY, selector (Includes items 3 thru 20 and 22 thru 27)
	3033854	-	1	VALVE ASSEMBLY, selector (Includes items 3 thru 23)
	915228	6	6	CAPSCREW, 3/8" NC x 1-1/4"
	920275	5	5	CAPSCREW, 3/8" NC x 3"
	904206	11	11	LOCKWASHER, 3/8"
	901651	1	1	PLUG, pipe, 1/8" NPT

(Continued)

SELECTOR VALVE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
3	3021091	1	1	PLUG, range selector plunger
4	3021137	1	1	PLUNGER ASSEMBLY, range selector (Includes 1 BALL 915905 and 1 BUSHING 3021248)
	915905	1	1	BALL, 3/8" dia.
5	3021248	2	2	BUSHING, plunger assembly
6	3021052	4	4	SPRING
	917581	4	4	BALL, 5/8" dia.
7	3021061	1	2	PIN
8	3021007	2	2	□ GASKET, plug
9	3021050	2	2	PLUG
10	3021236	2	2	PIN, spring
11	3021053	1	1	□ SEAL, range selector plunger
12	3021138	1	1	□ SEAL, forward and reverse plunger
13	3021170	1	1	PLUG, cut-off valve
	901651	1	1	PLUG, pipe, 1/8" NPT
14	3031847	1	1	□ CUP, clutch cut-off valve piston
15	3021058	1	1	□ O-RING, sealing
16	3031846	1	1	PLUG, clutch cut-off valve
17	3021006	1	1	□ GASKET, annular
18	3021168	1	1	VALVE, clutch cut-off
19	3021004	1	1	PIN, spring guide
20	3021130	1	1	SPRING, regulating
21	3032375	-	1	SLEEVE, forward and reverse plunger
22	3021134	1	-	PLUNGER ASSEMBLY, forward and reverse (Includes 1 BUSHING 3021248)
	3032376	-	1	VALVE ASSEMBLY, forward and reverse (Includes 1 BUSHING 3021248)
23	3021040	1	1	CAP, forward and reverse plunger
24	3021239	1	-	SLEEVE, forward plunger
25	3021059	2	-	RING, snap
26	3021135	1	-	PISTON, forward and reverse
27	3021238	1	-	SLEEVE, reverse plunger
				□ (Also see PACKAGED PARTS)



PARKING BRAKE CONTROL GROUP

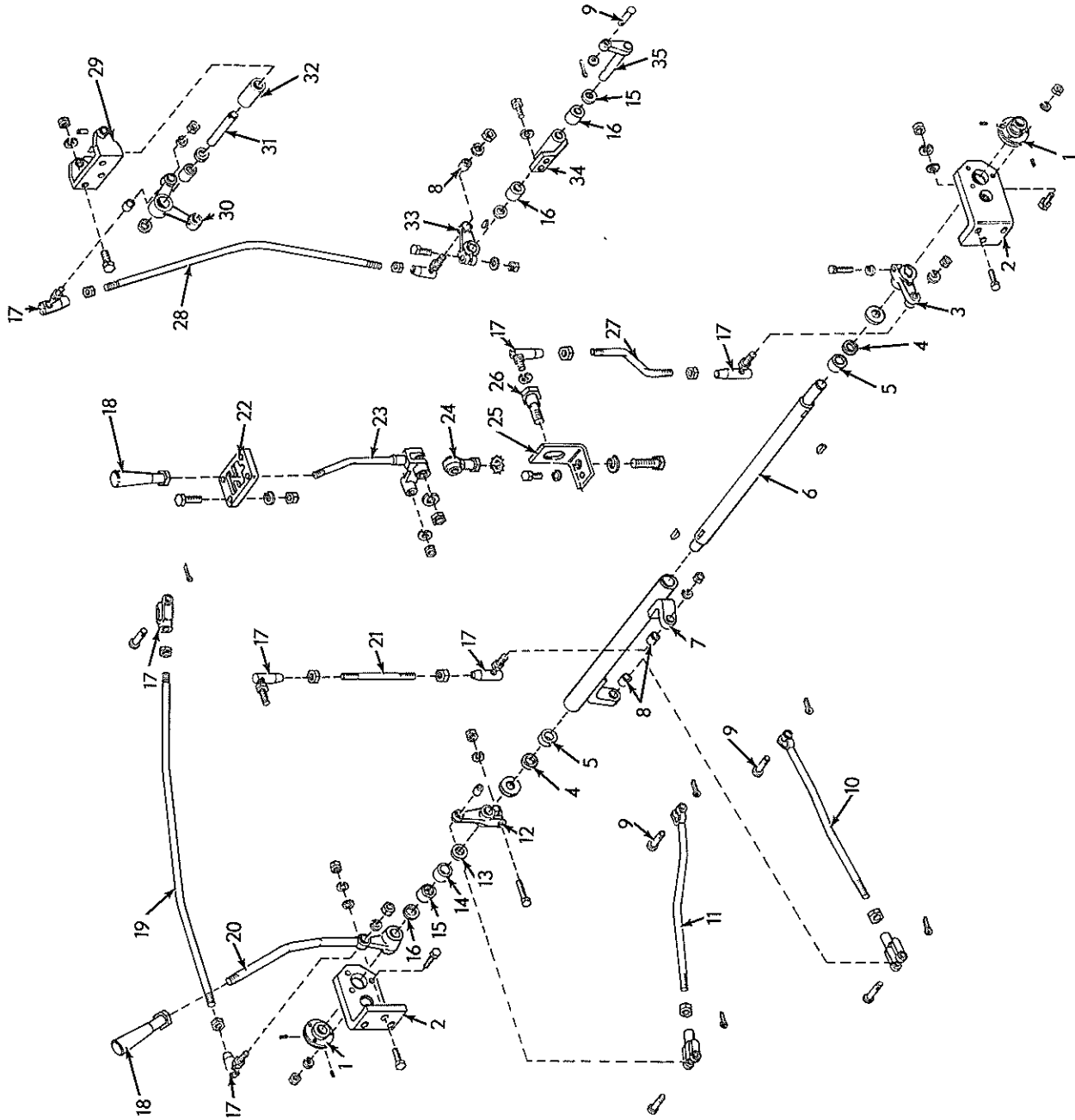
T-22992

ITEM	PART NO.	QTY.	DESCRIPTION
-	3021728	1	BRAKE ASSEMBLY, parking (See page 91)
1	3023262	1	ROD, parking brake control
	911048	1	NUT, jam, 3/8" NF
2	917664	1	YOKE, end
3	917646	1	PIN, yoke, 3/8" x 1"
	900942	1	PIN, cotter, 3/32" x 5/8"
4	3023899	1	BRACKET, mounting, brake lever
	915228	2	CAPSCREW, 3/8" NF x 1-1/4"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
5	3020591	1	LEVER ASSEMBLY, parking brake (Includes items 6 thru 14)
	915430	4	CAPSCREW, 5/16" NF x 3/4"
	904205	4	LOCKWASHER, 5/16"
	913636	4	NUT, 5/16" NF
6	3021920	1	CAP, adjusting, parking brake lining
7	3021921	1	KNOB, adjusting

(Continued)

PARKING BRAKE CONTROL GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	3021922	1	SPRING, adjusting cap
9	3021923	1	BALL, spring
10	3021924	1	ROD, adjusting
11	3021925	1	PIN, adjusting tube
	910335	1	WASHER, plain, SAE std., 5/16"
	3021926	1	RING, pin retaining
12	3021927	1	LINK, adjusting and control
13	3021929	1	PIN
	910335	1	WASHER, plain, SAE std., 5/16"
	900802	1	PIN, cotter, 3/32" x 1"
14	3021928	1	TUBE, adjusting



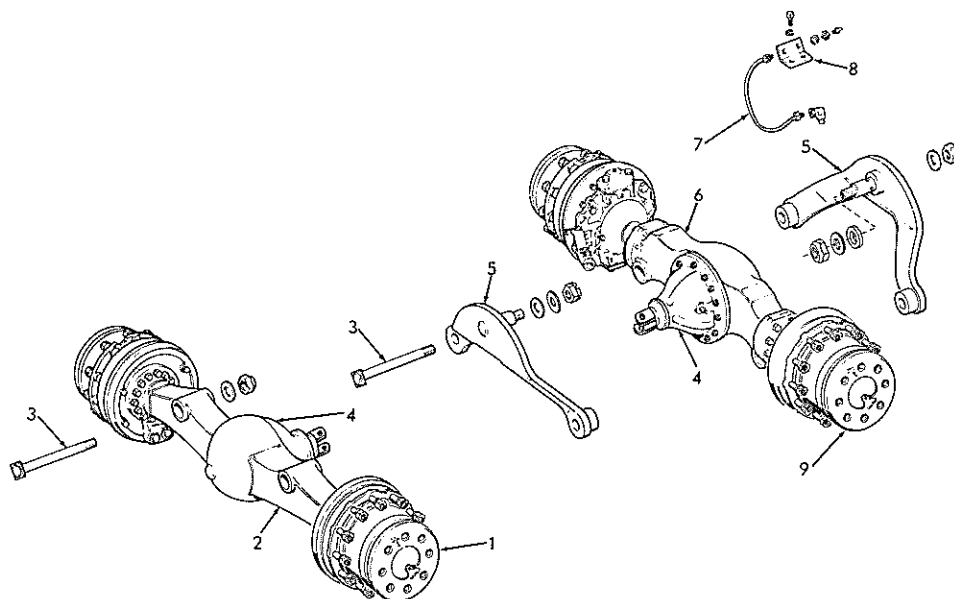
TRANSMISSION CONTROL AND REAR AXLE DISCONNECT

ITEM	PART NO.	QTY.	DESCRIPTION
1	3031767	2	BEARING ASSEMBLY, control shaft (Serviced only as a unit)
	916400	6	CAPSCREW, 1/4" NF x 3/4"
	904204	6	LOCKWASHER, 1/4"
	911040	6	NUT, 1/4" NF
	903835	4	SETSCREW, socket-hd., 1/4" NC x 3/8"
2	3022858	2	BRACKET, support, cross over lever
	916225	6	CAPSCREW, 3/8" NF x 1"
	911115	6	WASHER, plain, SAE std., 3/8"
	904206	6	LOCKWASHER, 3/8"
	911041	6	NUT, 3/8" NF
3	3005749	1	LEVER, control, forward, reverse selector, left side
	916273	1	CAPSCREW, 3/8" NC x 1-3/4"
	904206	1	LOCKWASHER, 3/8"
	905126	1	KEY, #15 woodruff, 1/4" x 1"
4	3005895	2	SEAL, lever assembly (Install with lip toward outside)
5	604925	2	BEARING, lever assembly (Lettered end must face pressing tool)
6	3033750	1	SHAFT, transmission control
	911159	2	WASHER, plain, SAE std., 1"
7	3022854	1	LEVER ASSEMBLY, cross over (Includes 2 BUSHING 3013909 and items 4 and 5)
8	3013909	5	BUSHING
9	3001565	5	PIN, pivot, rod
	900806	5	PIN, cotter, 1/8" x 1"
10	3022852	1	ROD, speed selector
	917666	1	YOKE
11	3022852	1	ROD, forward and reverse selector
	917666	1	YOKE
12	3020965	1	LEVER, control, forward, reverse selector, right side
	916385	1	CAPSCREW, 3/8" NF x 2"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF
	905126	1	KEY, #15 woodruff, 1/4" x 1"
13	3001785	1	WASHER, special
14	3020886	1	SPACER, lever
15	3005957	6	SEAL (Install with lip toward outside)
16	3005955	5	BEARING (Lettered end must face pressing tool)
17	3039764	8	JOINT, ball
	913177	17	NUT, jam, 1/2" NF
	904208	7	LOCKWASHER, 1/2"

(Continued)

TRANSMISSION CONTROL AND REAR AXLE DISCONNECT (Continued)

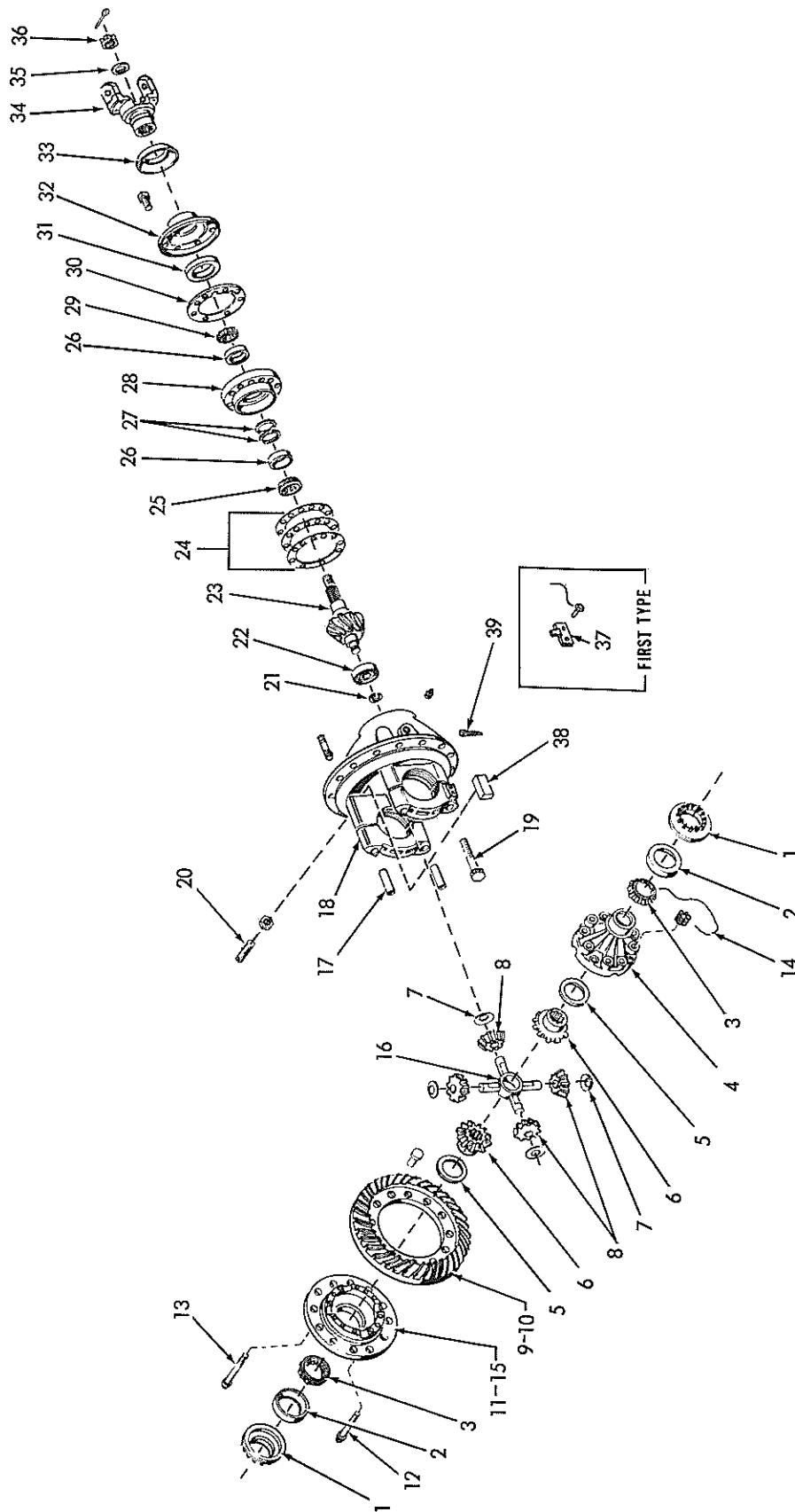
ITEM	PART NO.	QTY.	DESCRIPTION
18	3021682	2	GRIP, control lever
19	3022856	1	ROD, rear axle disconnect
20	3022848	1	LEVER ASSEMBLY, rear axle disconnect (Includes 2 SEAL 3005957 and 2 BEARING 3005955)
21	3022846	1	ROD, control, speed selector
22	3023252	1	PLATE, transmission control
	911170	4	CAPSCREW, 5/16" NF x 1-1/4"
	904205	4	LOCKWASHER, 5/16"
	913636	4	NUT, 5/16" NF
23	3041971	1	LEVER, control, speed and direction
24	3018142	1	BEARING, rod end
	910543	1	LOCKWASHER, external tooth, 5/8"
	916021	1	CAPSCREW, 5/8" NF x 2"
	904209	1	LOCKWASHER, 5/8"
25	3020964	1	STRIP, support, transmission control lever
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	904206	1	LOCKWASHER, 3/8"
26	3020874	1	PIN, lever attaching
	904208	1	LOCKWASHER, 1/2"
	904209	1	LOCKWASHER, 5/8"
	911049	1	NUT, jam, 5/8" NF
27	3022847	1	ROD, control, forward and reverse selector
28	3022855	1	ROD, rear axle disconnect
29	3017118	1	BRACKET, support, disconnect rod
	915228	3	CAPSCREW, 3/8" NF x 1-1/4"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8" NF
30	3012505	1	CRANK ASSEMBLY, bell (Includes 1 BEARING 3005955 2 SEAL 3005957 and 2 BUSHING 3013909)
31	3017119	1	SHAFT, bell crank
	916937	1	PIN, roll, 1/4" x 1-1/4"
32	3021471	1	SPACER, bell crank
33	3012171	1	LEVER ASSEMBLY, disconnect rod (Includes 1 BUSHING 3013909)
	916385	1	CAPSCREW, 3/8" NF x 2"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF
	905122	1	KEY, #7 woodruff, 1/8" x 3/4"
34	3036061	1	BRACKET ASSEMBLY, lever support (Includes 2 BEARING 3005955, and 2 SEAL 3005957)
	916271	2	CAPSCREW, 3/8" NC x 7/8"
	904206	2	LOCKWASHER, 3/8"
35	3022857	1	LEVER, selector valve plunger
	910244	1	WASHER, plain, SAE std., 1/2"



AXLE AND SUPPORT GROUP

T-31402

ITEM	PART NO.	QTY.	DESCRIPTION
-	3023196	1	AXLE ASSEMBLY, rigid, complete (See pages 101 thru 121 for parts) (Used prior to loader serial #266, excluding #255, 260, 261 and 264)
	3027195	1	AXLE ASSEMBLY, rigid, complete (See pages 101 thru 121 for parts) (Effective with loader serial #266, including #255, 260, 261 and 264)
	3023197	1	AXLE ASSEMBLY, steering, complete (See pages 101 thru 123 for parts) (Use prior to loader serial #266, excluding #255, 260, 261 and 264)
	3027196	1	AXLE ASSEMBLY, steering, complete (See pages 101 thru 125 for parts) (Effective with loader serial #266, including #255, 260, 261 and 264)
1	-----	2	SHAFT AND HUB, rigid axle (See page 113 for parts)
2	-----	1	HOUSING ASSEMBLY, rigid axle (See page 116 for parts)
3	3036937	4	PIN, axle supporting
	3013046	4	WASHER
	917778	4	NUT, castle 1-1/2" NF
4	3037177	2	DIFFERENTIAL ASSEMBLY, rigid and steering axle (See page 101 for parts)
5	3023132	2	SUPPORT, axle (Includes pin)
	3012158	2	WASHER
	3017556	2	NUT, safety
6	-----	1	HOUSING ASSEMBLY, steering axle (See page 103 for parts)
7	3019807	2	TUBE ASSEMBLY, flexible, lubricating
	904209	2	LOCKWASHER, 5/8"
	911049	2	NUT, jam, 5/8" NF
	914465	2	FITTING, lubricating, straight, 1/8" NPT
8	3020813	1	BRACKET, tube supporting
	916225	2	CAPSCREW, 3/8" NF x 1"
	904206	2	LOCKWASHER, 3/8"
9	-----	2	SHAFT AND HUB, steering axle (See page 105 and 109)



T-31407

DIFFERENTIAL ASSEMBLY 3037177
(Rigid and Steering Axle)

DIFFERENTIAL ASSEMBLY 3037177
(Rigid and Steering Axle)

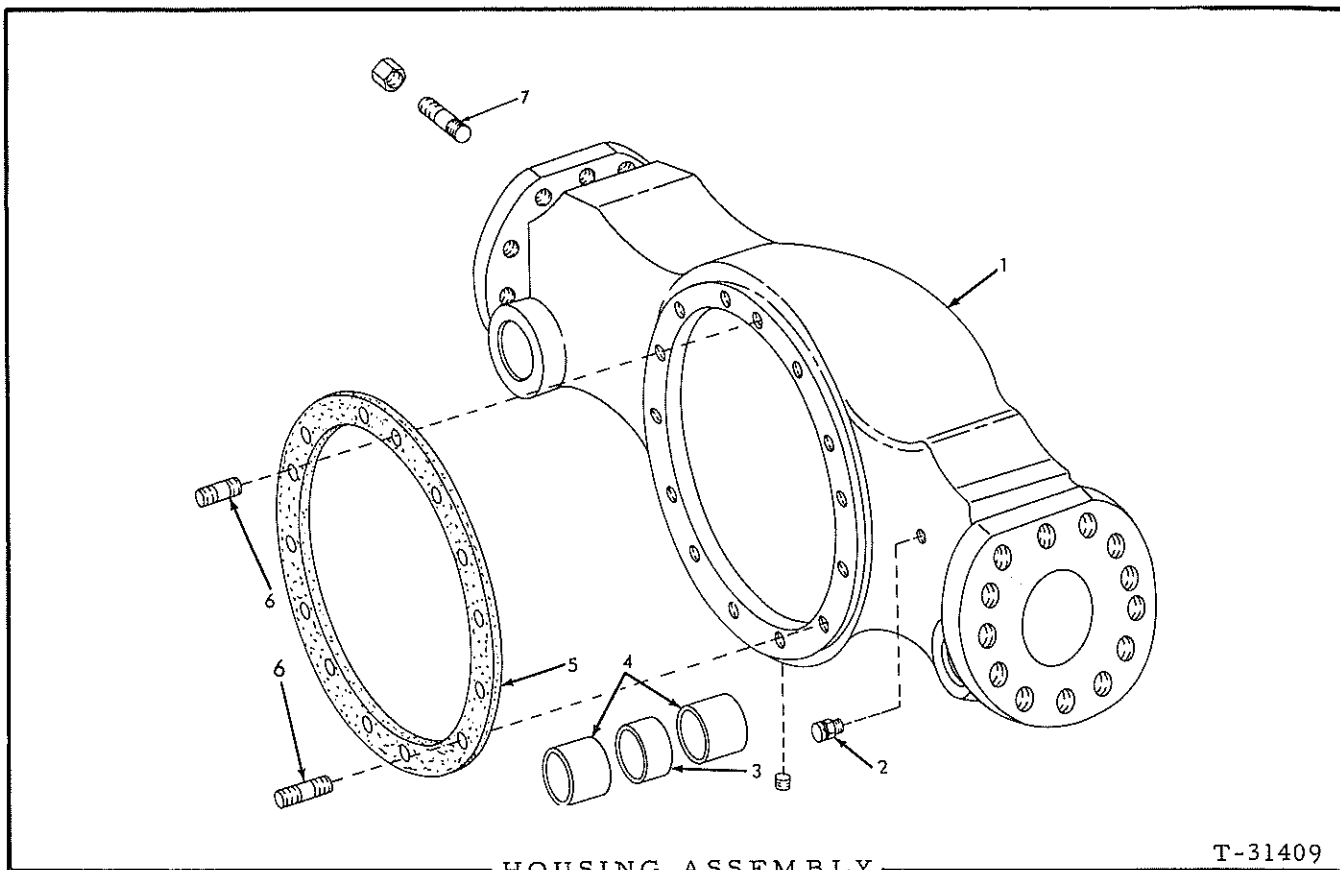
ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 99 for listing of complete Assembly. Quantities indicated are for one (1) differential only.			
1	3024623	2	RING, adjusting
2	3024591	2	CUP, bearing (Order both cup and cone)
3	3024592	2	CONE, roller bearing (Order both cup and cone)
4	3024588	1	DIFFERENTIAL AND CONE ASSEMBLY (Includes 1 case 3033100 and items 5 thru 8, 14 and 16)
	3033100 3048775	1	CASE ASSEMBLY, differential (Includes items 11, 12, 13 and 12 NUT 3043186 (Also order 2 CONE 3024592)
5	3024595 3054243	2	WASHER, thrust
6	3024594	2	GEAR, bevel
7	3024598	4	WASHER, thrust
8	3024597	4	PINION
9	3037176	1	PINION ASSEMBLY (Includes item 10) (Also order 1 RING 3033029 and 1 BEARING 3037175)
	3033374	12	RIVET
10	-----	1	GEAR, drive, hypoid (Not serviced, order Pinion Assembly)
11	3024593 30548776	1	CASE, flange half (Not serviced, order 3033100)
12	3024593	4	BOLT, short, 1/2"
13	3024590 3048777	8	BOLT, long, 1/2"
	3043186	12	NUT, 1/2" NF
14	3027634	1	WIRE, locking, #16 Ga. x 30" long
15	-----	1	GEAR ASSEMBLY (Not serviced)
16	3024596	1	SPIDER, pinion
17	3022314	4	PIN
18	3024585	1	CARRIER ASSEMBLY (Includes carrier, bearing caps, 4 CAPSCREW 3024586, 4 WASHER, 3032781, and item 17)
19	-----	14	STUD (See Housing Group)
	3024586	4	CAPSCREW
	3032781	4	WASHER
	3007380	2	WIRE, locking, #16 Ga. x 12"
	907072	1	PLUG, pipe, 1-1/4" steel, 3/4" sq. -hd. (Used prior to loader serial #255)
	904224	1	PLUG, pipe, 3/4" NPT, 5/8" sq. -hd. (Effective with loader serial #255)
20	3024631	1	SCREW, adjusting, lash
	3033395	1	NUT, jam, 3/4" NF
21	3024888	1	RING, snap, bearing retaining
	3033029	1	RING, snap, bearing retaining (For service replacement only)

(Continued)

DIFFERENTIAL ASSEMBLY 3037177 (Continued)
(Rigid and Steering Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
22	3024887	1	BEARING
	3037175	1	BEARING (For service replacement only)
23	-----	1	GEAR, pinion (Not serviced, order 3037176)
24	3024624	1	☐ SHIM (.003" thick. Use as req'd)
	3024626	1	☐ SHIM (.005" thick. Use as req'd)
	3024627	1	☐ SHIM (.010" thick. Use as req'd)
25	3024604	1	CONE
26	3024601	2	CUP
			(Order both cup and cone)
27	-----	-	☐ SHIM (Various sizes, see shim kit)
	-----	-	☐ SHIM (Various sizes, see shim kit)
28	3032881	1	CAGE ASSEMBLY, pinion bearing (Includes item 26) (Also order items 25, 27 and 29)
29	3024602	1	CONE (Order both cup and cone)
30	3024632	1	GASKET, cage assembly
31	3024620	1	SEAL
32	3024619	1	COVER ASSEMBLY (Includes item 31)
	3027631	8	CAPSCREW, 7/16" NC x 1-3/4"
33	3024622	1	SLINGER, yoke
34	3024621	1	YOKE AND SLINGER ASSEMBLY (Includes item 33)
35	3021633	1	WASHER
36	3007176	1	NUT
	900809	1	PIN, cotter, 1/8" x 1-3/4"
37	3022049	2	LOCK, adjusting ring
	3022107	4	CAPSCREW, drilled-hd.
	3022108	2	WIRE, locking, #16 Ga. x 6"
38	3022054	1	BLOCK, thrust
39	3037174	2	PIN, locking

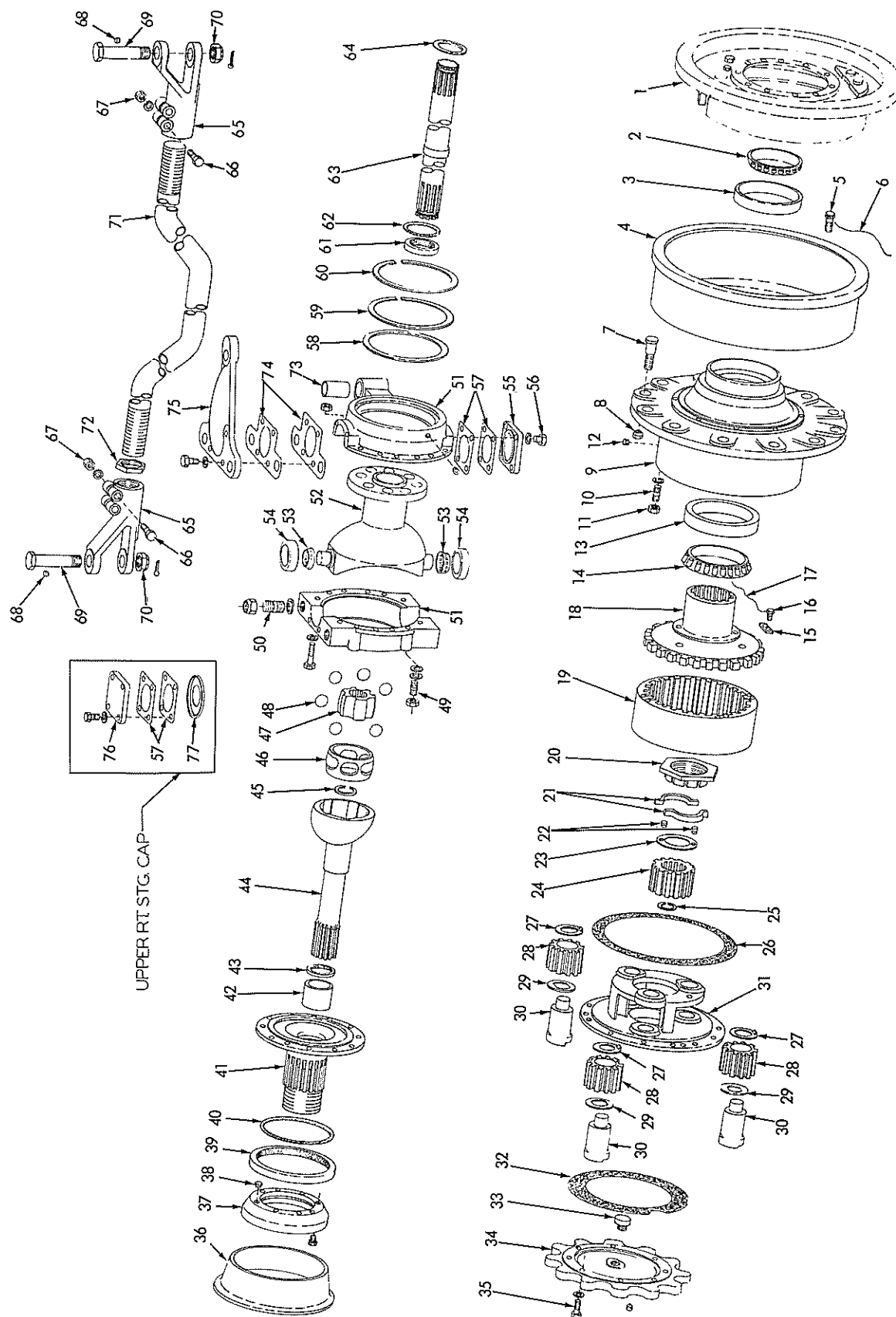
☐ (See PACKAGED PARTS)



HOUSING ASSEMBLY
(Steering Axle)

T-31409

ITEM	PART NO	QTY.	DESCRIPTION
NOTE: See page 99 for listing of complete Assembly			
1	3024636	1	HOUSING ASSEMBLY, steering axle (Includes 1 PLUG 907072, 1 PLUG 901667 and items 2 thru 7) (Used prior to loader serial #266, excluding #255, 260 261 and 264)
	907072	1	PLUG, pipe, 1-1/4" NPT
	3027624	1	HOUSING ASSEMBLY, steering axle (Includes 1 PLUG 904224, 1 PLUG 901667 and items 2 thru 7) (Effective with loader serial #266, including #255, 260, 261 and 264)
	904224	1	PLUG, pipe, steel, 3/4", 5/8" sq.-hd.
	901667	1	PLUG, pipe, ctsk., 1-1/4" NPT
2	3007145	3	BREATHER, oil
3	3021840	2	SPACER, bushing
4	3021833	2	BUSHING, axle housing
5	3041276	1	GASKET, axle housing to carrier
6	3024638	10	STUD, short } (Carrier to Housing)
	3024639	4	
	3044595	14	NUT, safety
7	3024642	8	STUD, 9/16" (Used prior to loader serial #266, excluding 255, 260, 261 and 264)
	3028398	8	NUT, safety, 3/4" NF
	3024641	16	STUD (Effective with loader serial #266, including 255, 260, 261 and 264)
	3028397	16	NUT, safety, 3/4" NF



T-42303

SHAFT AND HUB
(Steering Axle)

SHAFT AND HUB
(Steering Axle)

USAGE: Used prior to loader serial #266, excluding #255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
------	----------	------	-------------

NOTE: See page 99 for listing of complete Assembly.

1	-----	2	BRAKE ASSEMBLY, left and right (See page 122 for parts)
2	3024650	2	CONE, bearing, inner
3	3022047	2	CUP, bearing, inner
4	3024732	2	DRUM, brake
5	3026068	20	CAPSCREW, drilled-hd. (5/8" NC x 1-1/2")
6	3024892	2	WIRE, locking, #16 Ga. x 50"
7	3022121	24	STUD, wheel
8	3007152	24	NUT, safety, wheel stud
9	3024726	2	HUB ASSEMBLY (Includes 12 STUD 3024687 and items 3 & 13)
10	3024687	24	STUD, 1/2" NC
11	904208	24	LOCK WASHER, 1/2"
11	911043	24	NUT, 1/2" NC
12	3022116	2	PLUG, oil filler (magnetic)
13	3024651	2	CUP, bearing
14	3024652	2	CONE, bearing
15	3024673	8	PLATE, locking, hub assembly
16	3007711	16	CAPSCREW (Special) (5/16" NC x 3/4")
17	3022108	8	WIRE, locking, 16 Ga. x 6"
18	3024660	2	HUB ASSEMBLY, ring gear (Includes sleeve) (Serviced only as a unit)
19	3024681	2	GEAR, ring (52 teeth)
20	3024671	2	NUT, wheel bearing
21	3024672	4	RETAINER, bearing nut
22	3024678	4	PIN, washer, sun gear
23	3024677	2	WASHER ASSEMBLY, sun gear (Includes item 22)
24	3024676	2	GEAR, sun (20 teeth)
25	3024683	2	RING, snap, drive joint retaining
26	3028640	2	O-RING, spider to hub
27	3024674	6	WASHER, thrust, pinion (inner)
28	3024680	6	GEAR, pinion
29	3041349	6	WASHER, thrust, pinion (outer)
30	3041348	6	SHAFT, planetary pinion (Also order item 29)
31	3024682	2	SPIDER, planetary gear
32	3024685	2	GASKET, cover, spider

(Continued)

SHAFT AND HUB (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
33	3024076	2	BUTTON, thrust
34	3057861 3024684	2	COVER ASSEMBLY, planetary gear (Includes item 33)
35	3031582	16	CAPSCREW, (Special) (7/16" NC x 1-1/8")
	904207	16	LOCKWASHER, 7/16"
	907070	2	PLUG, pipe, ctsk., 1/4" NPTF
36	3024731	2	SLINGER, oil
37	3024730	2	RETAINER ASSEMBLY, seal (Includes item 38)
38	3022305	2	PIN, retainer assembly
39	3024729	2	SEAL, oil, hub
40	3024728	2	O-RING, steering knuckle
41	3024724	2	FLANGE ASSEMBLY, steering (Includes item 42)
42	3024725	2	BUSHING, steering knuckle
43	3024727	2	SEAL, drive joint
-	3024694	2	U-JOINT ASSEMBLY, universal (Includes items 44 thru 48)
44	3024695	2	RACE, outer
45	3024700	2	RING, snap
46	3024697	2	CAGE, universal joint
47	3024699	2	RACE, inner
48	3024698	12	BALL, universal joint
49	3024704	24	STUD (7/16" NF)
	3024706	24	WASHER, plain
	904207	24	LOCKWASHER, 7/16"
	915633	24	NUT, safety, 7/16" NF
50	3024707	2	STUD, steering cap, 7/8" NF
	905347	2	LOCKWASHER, 7/8"
	911046	2	NUT, 7/8" NF
51	3024701	1	KNUCKLE ASSEMBLY, steering flange, left (Includes 4 NUT 910194, 1 PLUG 910230, 4 CAPSCREW 3024703, 12 STUD 3024704, 2 STUD 3024707 and item 73)
	3024702	1	KNUCKLE ASSEMBLY, steering flange, right (Includes 4 NUT 910194, 1 PLUG 910230, 4 CAPSCREW 3024703, 12 STUD 3024704 and item 73)
	3024719	4	CAPSCREW (Special) (7/16" NF x 1-1/2")
	3024703	20	CAPSCREW (Special) (7/16" NF x 3")
	904207	24	LOCKWASHER, 7/16"
	910194	24	NUT, 7/16" NF
	910230	2	PLUG, pipe, slotted, 1/8" NPT
52	3024690	2	SOCKET, steering knuckle
53	3024723	4	CONE, bearing, socket

(Continued)

SHAFT AND HUB (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
54	3024722	4	CUP, bearing, socket
55	3024708	2	CAP, bearing, lower, left and right
56	3014456	8	CAPSCREW (Special) (1/2" NC x 1-1/2")
	904208	8	LOCKWASHER, 1/2"
57	3024710	1	SHIM, bearing cap (.005" thick. Use as req'd)
	3024711	1	SHIM, bearing cap (.010" thick. Use as req'd)
	3024712	1	SHIM, bearing cap (.030" thick. Use as req'd)
58	3026425	2	SEAL, oil, trunnion socket
59	3026426	2	WASHER, retainer, oil seal
60	3026427	2	RING, snap, seal retainer
61	3024692	2	SEAL, oil, axle shaft
62	923583	2	O-RING, trunnion socket to housing
63	3024691	2	SHAFT, drive
64	3026428	2	WASHER, drive shaft
65	3014578	1	YOKE, tie rod, left
	3014579	1	YOKE, tie rod, right
66	3014602	4	CAPSCREW (Special) (1/2" NF x 2-3/4")
	904208	4	LOCKWASHER, 1/2"
67	911043	4	NUT, 1/2" NF
68	3014580	2	PIN, lock, tie rod bolt
69	3014584	2	BOLT, tie rod
70	3014581	2	NUT (Special)
	900808	2	PIN, cotter, 1/8" x 1-1/2"
71	3024733	1	ROD, tie
72	3014577	1	NUT, locking, tie rod
73	3014503	2	BUSHING, tie rod bolt
74	3024716	1	SHIM, bearing cap (.005" thick. Use as req'd)
	3024717	1	SHIM, bearing cap (.010" thick. Use as req'd)
	3024718	1	SHIM, bearing cap (.030" thick. Use as req'd)
75	3024714	1	ARM, steering, left
	3014456	4	CAPSCREW, 1/2" NC x 1-1/2"
	904208	4	LOCKWASHER, 1/2"
	918683	1	PLUG, pipe, ctsk., 1/8" NPT
76	3024713	1	CAP, bearing, upper right
	3014456	4	CAPSCREW, 1/2" NC x 1-1/2"
	904208	4	LOCKWASHER, 1/2"
	917673	1	PLUG, pipe, ctsk., 1/8" NPT
77	3014565	2	RETAINER, grease, upper bearing

GENERAL GEAR & MACHINE

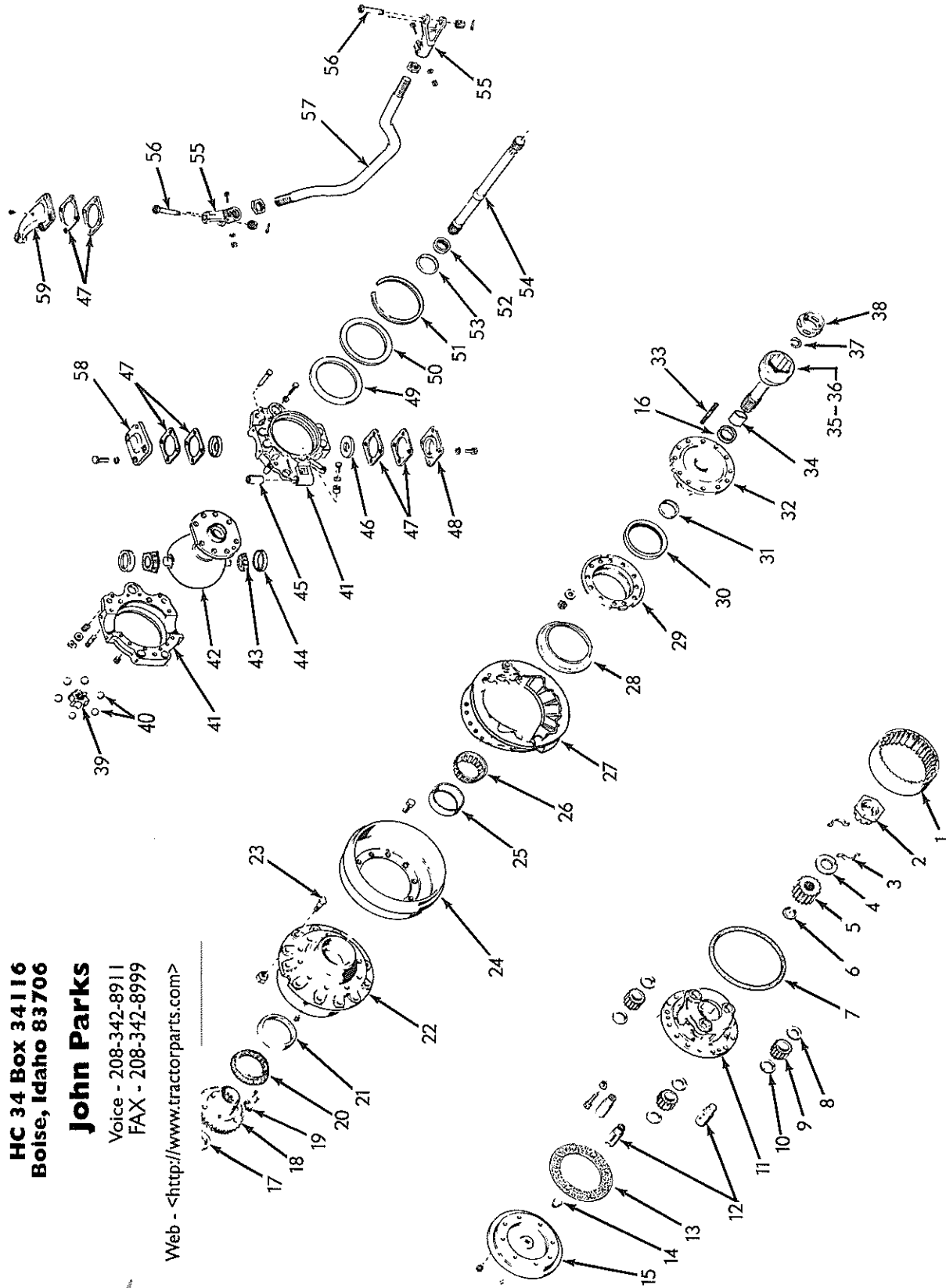
HC 34 Box 34116
Boise, Idaho 83706

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AL SANDERS



T-31412

SHAFT AND HUB
(Steering Axle)

SHAFT AND HUB
(Steering Axle)

USAGE: Effective with loader serial #266, including 255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
1	3022082	2	GEAR, ring (52 teeth)
2	3022122	2	NUT, wheel bearing
3	3022077	4	RETAINER, bearing nut
4	3022070	2	WASHER, key
5	3022083	2	GEAR, sun (20 teeth)
6	3022074	2	RING, snap, gear retaining
7	3036692	2	O-RING,, spider to hub
8	3022071	6	WASHER, thrust pinion (inner)
9	3022084	6	GEAR, pinion
10	3040365	6	WASHER, thrust, pinion (outer)
11	3026076	2	SPIDER
12	3040493	6	SHAFT, pinion gear (Also order item 10)
13	3022079	2	GASKET, spider cover
14	3022076	2	BUTTON, thrust
15	3026067 3048405 904207 907070	2 16 16 2	COVER ASSEMBLY (Includes item 14) CAPSCREW, 7/16" NF (self sealing) LOCKWASHER, 7/16" PLUG, pipe, countersunk-hd., 1/4" NPT
16	3022308	2	SEAL, joint assembly
17	-----	2	SLEEVE, hub (Not serviced, order 3022086)
18	3022086	2	HUB ASSEMBLY, ring gear (Includes item 17) (Serviced only as a unit)
19	3022069 3022117 3022108	8 16 8	PLATE, locking CAPSCREW, 3/8" NC x 3/4" WIRE, locking, #16 Ga. x 6"
20	3022064	2	CONE, bearing
21	3022061	2	CUP, bearing
22	3026605	2	HUB ASSEMBLY (Includes items 21 and 25)
23	3022110 904208 3022116	32 32 2	CAPSCREW, 1/2" NF x 1-5/8" LOCKWASHER, 1/2" PLUG, magnetic, oil filler
24	3022307 3026068 3024892	2 20 2	DRUM, brake CAPSCREW, drilled-hd., 5/8" NC x 1-1/2" WIRE, locking, 16 Ga. x 50"
25	3022062	2	CUP, bearing
26	3026399	2	CONE, bearing

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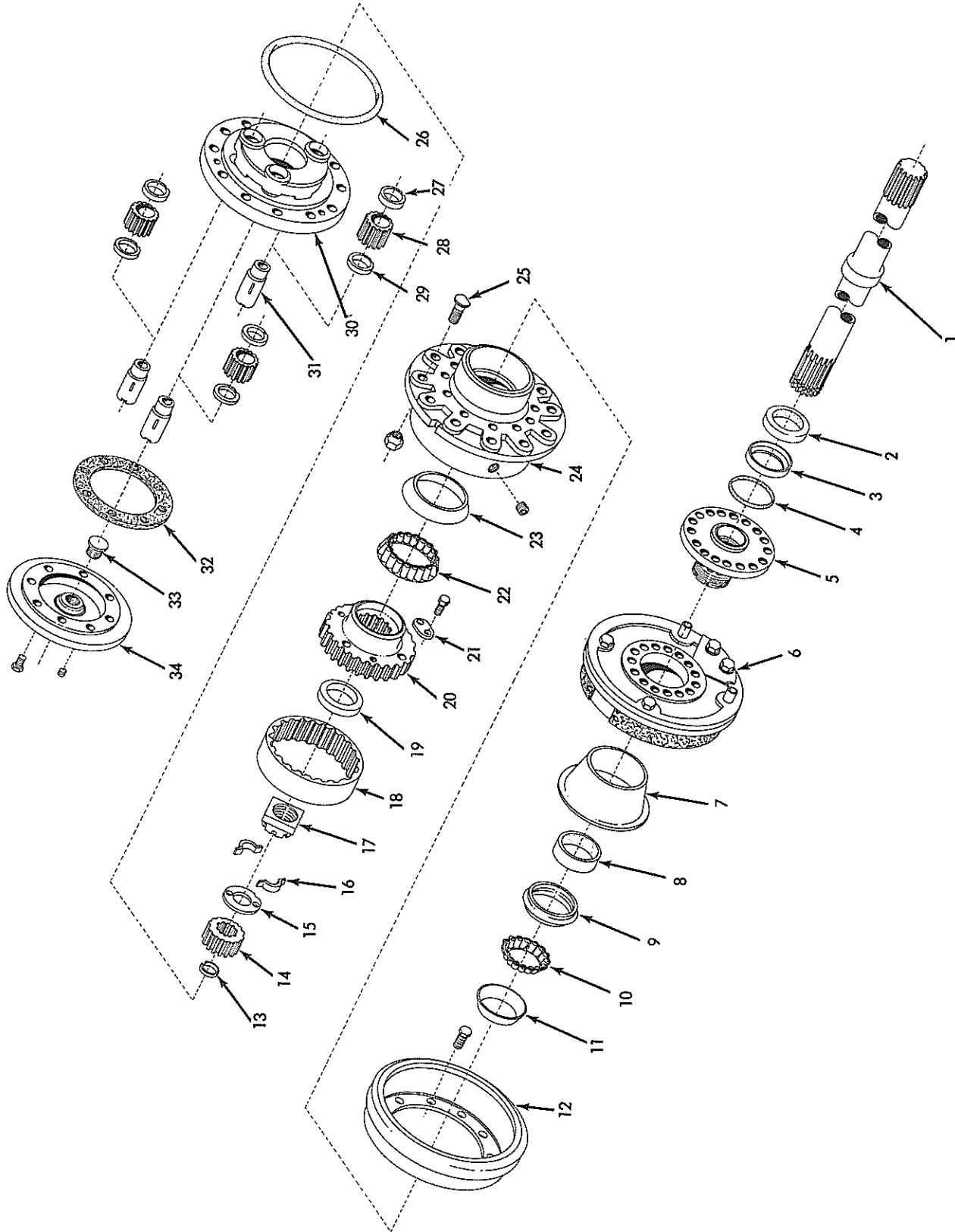
SHAFT AND HUB (Continued)
(Steering Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
27	-----	2	BRAKE ASSEMBLY, left and right (See page 124 for parts)
28	3022306	2	SLINGER, oil
29	3026398	2	RETAINER ASSEMBLY, seal (Includes item 30)
30	3022304	2	SEAL, oil, retainer
31	3026085	2	O-RING, sealing
32	3026397	2	FLANGE ASSEMBLY, steering (Includes item 34)
33	3027636	24	STUD, knuckle attaching
	910829	24	WASHER, plain, SAE std., 9/16"
	3024643	24	NUT, safety, 9/16" NF
34	3022301	2	BUSHING, steering knuckle
35	3027642	2	JOINT ASSEMBLY, universal (Includes items 36 thru 40)
36	3028149	2	RACE, outer
37	3027640	2	RING, snap
38	3027637	2	CAGE, universal joint
39	3027639	2	RACE, inner
40	3027638	12	BALL, bearing
41	{ 3025639	1	KNUCKLE ASSEMBLY, steering flange, left (See Master Numerical Index)
	{ 3025640	1	KNUCKLE ASSEMBLY, steering flange, right (See Master Numerical Index)
42	3022283	2	SOCKET ASSEMBLY (Serviced only as a unit)
43	3007271	4	CONE, bearing
44	3014566	4	CUP, bearing
			} (Order both cup and cone)
45	3022295	2	BUSHING, tie rod bolt
46	3014565	2	RETAINER, upper steering bearing grease
47	{ 3014563	-	SHIM (.005" thick. Use as required)
	{ 3014564	-	SHIM (.020" thick. Use as required)
48	3014562	2	CAP, lower, left and right
	3014598	8	CAPSCREW, 5/8" NC x 1-1/2"
	904209	8	LOCKWASHER, 5/8"
49	3025642	2	SEAL, oil
50	3025643	2	RETAINER, oil seal
51	3025641	2	RING, snap, seal retainer
52	3024692	2	PACKING, preformed
53	4253822	2	O-RING, sealing

(Continued)

SHAFT & HUB (Continued)
(Steering Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
54	3027626	2	SHAFT, drive
55	3014578	1	YOKE, left
	3014579	1	YOKE, right
	3014602	4	CAPSCREW, 1/2" NF
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
56	3014584	2	BOLT, tie rod
	3014580	2	PIN
	3014581	2	NUT
	900808	2	PIN, cotter, 1/8" x 1-1/2"
57	3027635	1	ROD, tie
	3014577	1	NUT, locking
58	3014561	1	CAP, bearing, upper, right hand
	3014598	4	CAPSCREW, 5/8" NC x 1-1/2"
	904209	4	LOCKWASHER, 5/8"
	910230	1	PLUG, pipe, slotted, 1/8" NPT
59	3022299	1	ARM, steering, upper, left hand bearing cap (Used loader serial #205 thru 554)
	3031201	1	ARM, steering, upper, left hand bearing cap (Effective with loader serial #555)
	3014506	2	STUD, short, 5/8" NF
	3022296	2	STUD, long, 5/8" NF
	904209	4	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8" NF
	911049	2	NUT, jam, 5/8" NF
	3014494	4	SLEEVE
	910230	1	PLUG, pipe, slotted, 1/8" NPT



T-31411

SHAFT AND HUB
(Rigid Axle)

SHAFT AND HUB
(Rigid Axle)

USAGE: * Used prior to loader serial #266, excluding #255, 260, 261 and 264
 ** Effective with loader serial #266, including #255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
			NOTE: See page 99 for listing of complete Assembly
1	{ 3024644	2 -	SHAFT, axle
	{ 3027625	- 2	SHAFT, axle
2	{ 3024645	2 -	SEAL, oil, axle shaft
	{ 3022065	- 2	SEAL, oil, axle shaft
3	{ 3024646	2 -	RETAINER, oil seal
	{ 3032698	- 2	RETAINER, oil seal
4	{ 923607	2 -	O-RING, sealing
	{ 923590	- 2	O-RING, sealing
5	{ 3024655	2 -	SPINDLE
	{ 3027632	- 2	SPINDLE
6	-----	2 2	BRAKE ASSEMBLY (See page 117 or 119 for parts)
	3024688	16 -	CAPSCREW, 5/8" NF x 3-11/32"
	3028036	- 26	CAPSCREW, 5/8" NF x 3-1/2"
	3028037	- 2	CAPSCREW, 5/8" NF x 3-7/8"
	904209	16 -	LOCKWASHER, 5/8"
	912900	- 28	WASHER, plain, 5/8"
	917906	16 -	NUT, 5/8" NF
	3028047	- 28	NUT, safety, 5/8" NF
7	{ 3024658	2 -	SLINGER, oil
	{ 3022088	- 2	SLINGER, oil
8	{ 3024654	2 -	SEAL, oil
	{ 3022066	- 2	SEAL, oil
9	{ 3024653	2 -	RETAINER ASSEMBLY, oil seal (Includes item 8)
	{ 3022067	- 2	RETAINER ASSEMBLY, oil seal (Includes item 8)
10	{ 3024650	2 -	CONE, bearing
	{ 3014571	- 2	CONE, bearing
11	{ 3022047	2 -	CUP, bearing
	{ 3022062	- 2	CUP, bearing
12	{ 3024659	2 -	DRUM, brake
	{ 3024627	- 2	DRUM, brake
	3026068	20 22	CAPSCREW, drilled-hd., 5/8" NC x 1-1/2"
	3027696	20 -	WASHER
	3024892	2 2	WIRE, locking, #16 x 50" long

(Order both cup and cone)

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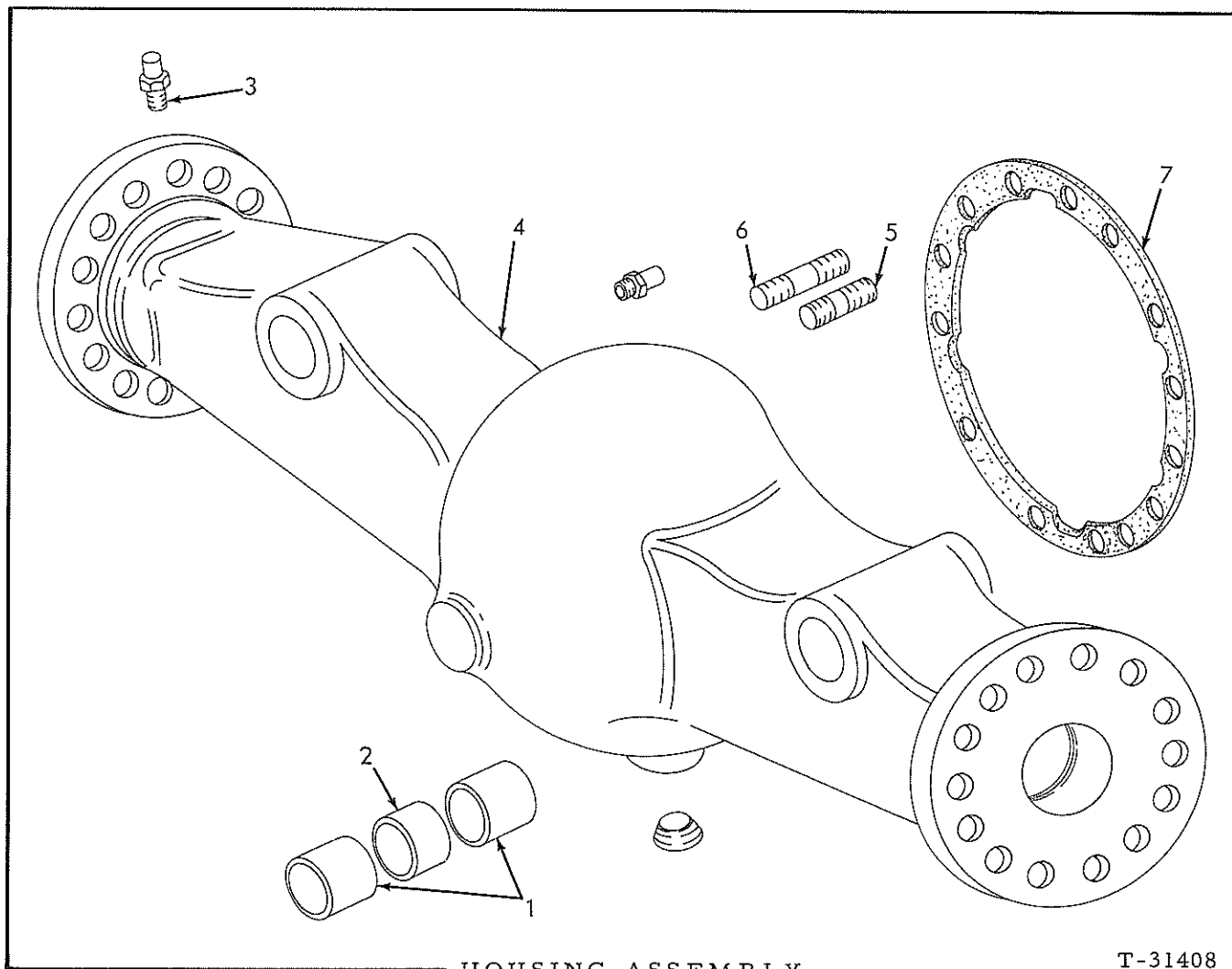
SHAFT AND HUB (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
13	{ 3024683	2	-	RING, snap
	{ 3022074	-	2	RING, snap
14	{ 3024676	2	-	GEAR, sun (20 teeth)
	{ 3022083	-	2	GEAR, sun (20 teeth)
14A	3024678	4	-	PIN, sun gear washer (Not illustrated)
15	{ 3024677	2	-	WASHER ASSEMBLY, sun gear (Includes item 14A)
	{ 3022070	-	2	WASHER, sun gear
16	{ 3024672	4	-	RETAINER, locking, nut
	{ 3022077	-	4	RETAINER, locking, nut
17	{ 3024671	2	-	NUT, hub retaining
	{ 3022122	-	2	NUT, hub retaining
18	{ 3024681	2	-	GEAR, ring (52 teeth)
	{ 3022082	-	2	GEAR, ring (52 teeth)
19	-----	2	2	SLEEVE, hub ring gear (Not serviced, order HUB ASSEMBLY)
20	{ 3024660	2	-	HUB ASSEMBLY, ring gear (Includes item 19)
	{ 3022086	-	2	HUB ASSEMBLY, ring gear (Includes item 19)
21	{ 3024673	8	-	PLATE, locking
	{ 3022069	-	8	PLATE, locking
	3007711	16	-	CAPSCREW, 5/16" NC x 3/4"
	3022117	-	16	CAPSCREW, (Special)
	3022108	8	8	WIRE, locking
22	{ 3024652	2	-	CONE, bearing
	{ 3022064	-	2	CONE, bearing
				(Order both cup and cone)
23	{ 3024651	2	-	CUP, bearing
	{ 3022061	-	2	CUP, bearing
24	{ 3024648	2	-	HUB ASSEMBLY, wheel (Includes 12 STUD 3024687 and items 11 and 23)
	{ 3027318	-	2	HUB ASSEMBLY, wheel (Includes items 11 and 23)
	3022116	2	2	PLUG, magnetic, 3/4" NPT
	910230	2	-	PLUG, pipe, 1/8", slotted
25	3022121	24	24	STUD, wheel attaching
	3007152	24	24	NUT, wheel locking

(Continued)

SHAFT AND HUB (Continued)

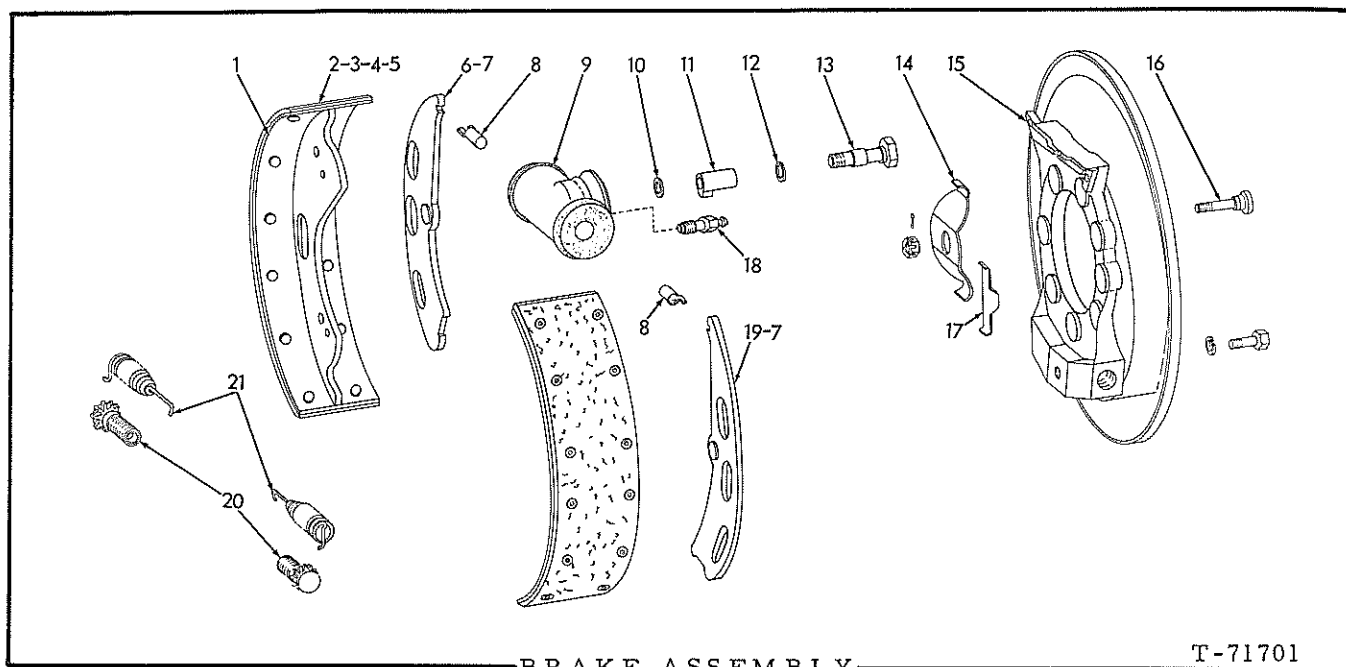
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
26	3028640	2 -	O-RING, hub to spider
	3030692 3026072	- 2	O-RING GASKET, hub to spider
27	3024674	6 -	WASHER, inner, pinion gear
	3022071	- 6	WASHER, inner, pinion gear
28	3024680	6 -	GEAR, pinion
	3022084	- 6	GEAR, pinion
29	3041349	6 -	WASHER, outer, pinion gear
	3040365	- 6	WASHER, outer, pinion gear
30	3024682	2 -	SPIDER
	3026076	- 2	SPIDER
	3024687	24 -	STUD
	3022110	- 32	CAPSCREW, 1/2" NF x 1-5/8"
	904208	24 32	LOCKWASHER, 1/2"
	911043	24 -	NUT, 1/2" NF
31	3041348	6 -	SHAFT, pinion gear (Also order item 29)
	3040493	- 6	SHAFT, pinion gear (Also order item 29)
32	3024685	2 -	GASKET, cover to spider
	3022079	- 2	GASKET, cover to spider
33	3022076	2 2	BUTTON, thrust
34	3051861 3024684	2 -	COVER ASSEMBLY, end (Includes item 33)
	3051862 3026067	- 2	COVER ASSEMBLY, end (Includes item 33)
	3048405	16 16	CAPSCREW, 7/16" NF (Self sealing)
	904207	16 16	LOCKWASHER, 7/16"
	907070	2 2	PLUG, pipe, ctsk. -hd., 1/4" NPT



HOUSING ASSEMBLY
(Rigid Axle)

T-31408

ITEM	PART NO.	QTY.	DESCRIPTION
1	3021833	4	BUSHING, axle housing
2	3021840	2	SPACER, bushing
3	3007145	1	BREATHER, oil
4	3024635	1	HOUSING ASSEMBLY, front axle (Includes 1 PLUG 901667 and items 1, 2, 5 & 6) (Used prior to loader serial #266, excluding #255, 260, 261 and 264)
	3032727	1	HOUSING ASSEMBLY, front axle (Includes 1 PLUG 901667 and items 1, 2, 5 & 6) (Effective with loader serial #266, including #255, 260, 261 and 264)
	901667	1	PLUG, pipe, 1-1/4" NPT (Oil drain)
5	3024639	10	STUD, short
6	3043124	4	STUD, long
	3043828	14	LOCKWASHER (special)
	3043124	14	NUT, safety (Also order studs)
7	3041276	1	GASKET, carrier to housing



USAGE: Used prior to loader serial #266, excluding 255, 260, 261 and 264)

ITEM	PART NO.	QTY.	DESCRIPTION
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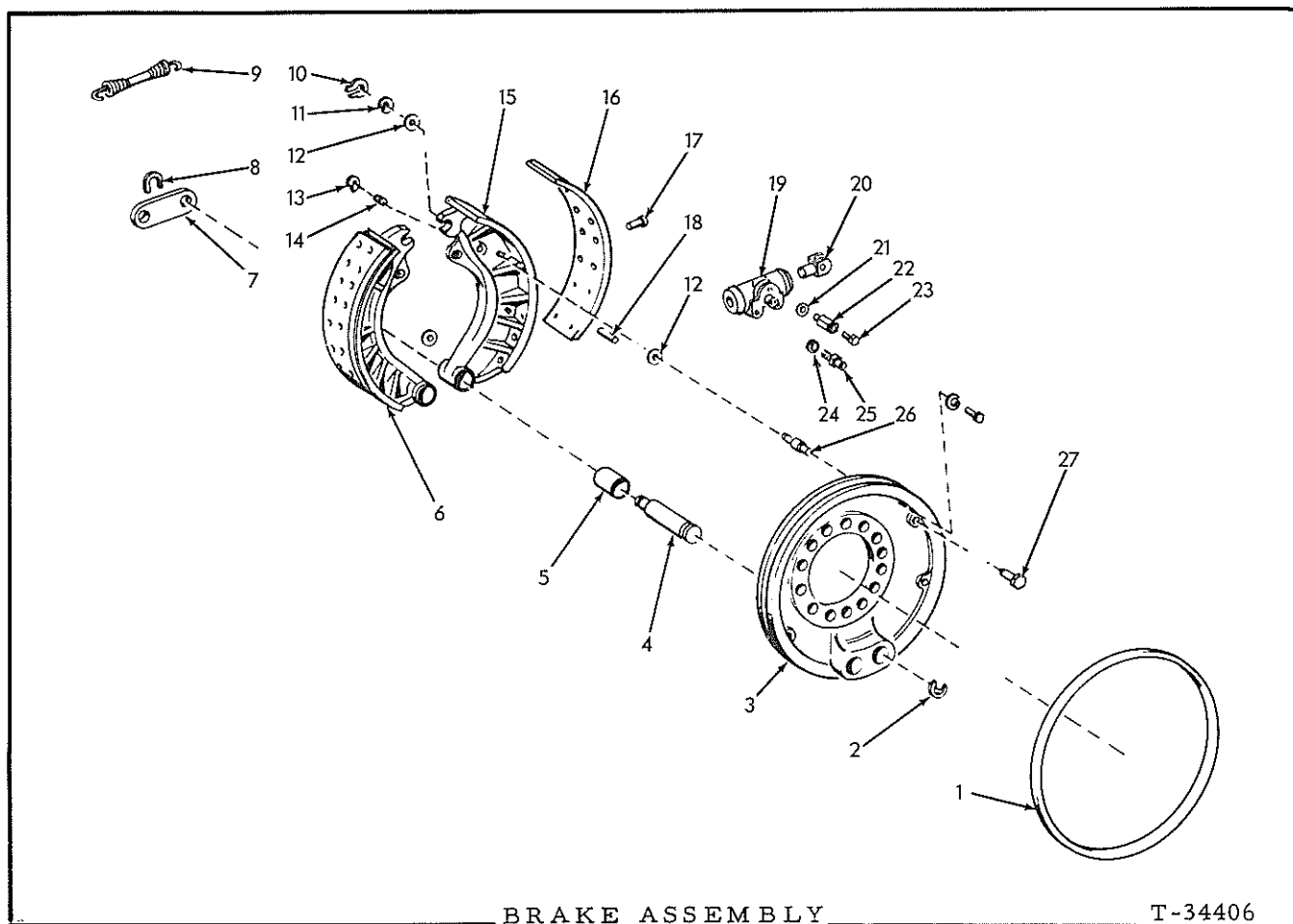
NOTE: See page 113 for listing of complete Assembly.
Quantities indicated are for one (1) brake only.

1	-----	2	BRAKE ASSEMBLY, left and right (Includes 2 CAPSCREW 916269, 2 LOCKWASHER, 904206 and items 8, 9 and 15)
	916269	4	CAPSCREW, 3/8" NC x 7/8"
	904206	4	LOCKWASHER, 3/8"
2	3024738	2	LINING ASSEMBLY, brake shoe (Includes items 3 thru 5)
3	-----	2	SHOE, brake (Not serviced, order LINING ASSEMBLY)
4	3024739	2	LINING, brake
5	3024740	24	RIVET, brake lining
6	3024741	1	LEVER ASSEMBLY (Includes item 7)
7	3027997	2	BUTTON, pressure
8	3024747	2	LINK, wheel cylinder
9	3024901	1	CYLINDER ASSEMBLY, wheel (See page 121 for parts)
10	3006797	1	WASHER, sealing, inlet connection
11	3014536	1	CONNECTOR, inlet
12	3006799	1	WASHER, sealing, bolt
13	3014537	1	BOLT, inlet connector
14	3024745	2	SPRING, guide pin

(Continued)

BRAKE ASSEMBLY (Continued)
(Rigid Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
15	3024736	1	PLATE, backing, shoe assembly (Includes 3024737 PLATE ASSEMBLY, 2 NUT 910329, 2 PIN 916241 and items 2, 6, 14, 19 and 21)
	3024737	1	PLATE ASSEMBLY, spider assembly (Includes 2 PIN 3024744 and 2 BOLT 3024746)
16	3024744	2	PIN, guide
	910329	2	NUT, 3/8" NF
	916241	2	PIN, cotter
17	3022100	2	COVER, dust
18	3022124	1	SCREW, bleeder
19	3024742	1	LEVER ASSEMBLY (Includes item 7)
20	3024746	2	BOLT, adjusting
21	3024743	4	SPRING, shoe return
-	3026449	1	LINING KIT, brake (Consists of four (4) lining and 52 RIVET) (Lining Kit for complete Axle)



BRAKE ASSEMBLY
(Rigid Axle)

T-34406

USAGE: Effective with loader serial #266, including 255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
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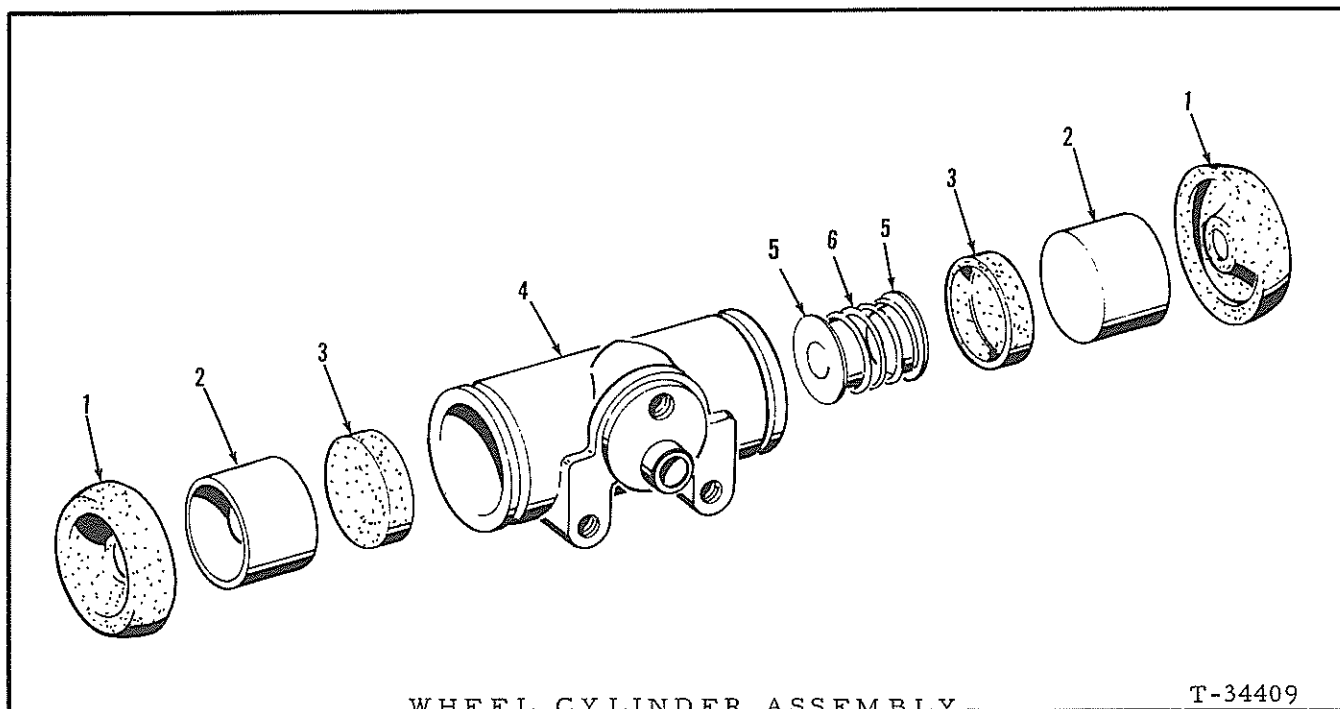
NOTE: See page 113 for listing of complete Assembly.
Quantities indicated are for one (1) brake only.

1	3027610	1	SEAL, felt
2	3027643	2	RING, snap, anchor pin
3	3036539	1	SPIDER ASSEMBLY (Includes items 2, 4, 13, 14, 26 and 27)
4	3027641	2	PIN, anchor
5	3027620	2	BUSHING, shoe assembly
6	3027615 3051851	2	SHOE ASSEMBLY, brake (Includes items 5 and 15 thru 18)
7	3036537	1	LINK, anchor pin
8	3024764	2	WASHER, "C", link retaining
9	3027616	1	SPRING, shoe return
10	3027612	4 2	WASHER, "C"
11	3027611 3024767	4 2	WASHER, spring

(Continued)

BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	3027605	86	WASHER
13	3014521	2	CAM, shoe adjusting
14	3027608	2	SPRING, cam compression
15	-----	2	SHOE, brake (Not serviced, order SHOE ASSEMBLY)
16	-----	2	LINING, brake, forward and reverse
17	921430	32	RIVET
18	3027621	2	PIN, straight, cam stopping
19	3021892	1	CYLINDER ASSEMBLY, wheel (See page 121 for parts)
	3007047	2	CAPSCREW, 3/8" NC x 1-1/8"
	904206	2	LOCKWASHER, 3/8"
20	3014535	2	LINK ASSEMBLY (Serviced only as a unit)
21	3006799	1	WASHER, sealing, inlet fitting
22	3014534	1	SCREW, bleeder
23	3014537	1	BOLT, bleeder screw
24	3006797	1	WASHER, sealing, inlet connection
25	3014536	1	CONNECTOR, inlet
26	3027604	42	PIN, shoulder
27	3027606	2	PIN ASSEMBLY, shoe adjusting (Includes washer) (Serviced only as a unit)
-	3051852 3043497	1	LINING KIT (Consists of 4 lining and 64 RIVET 921430) (Lining Kit for complete axle)

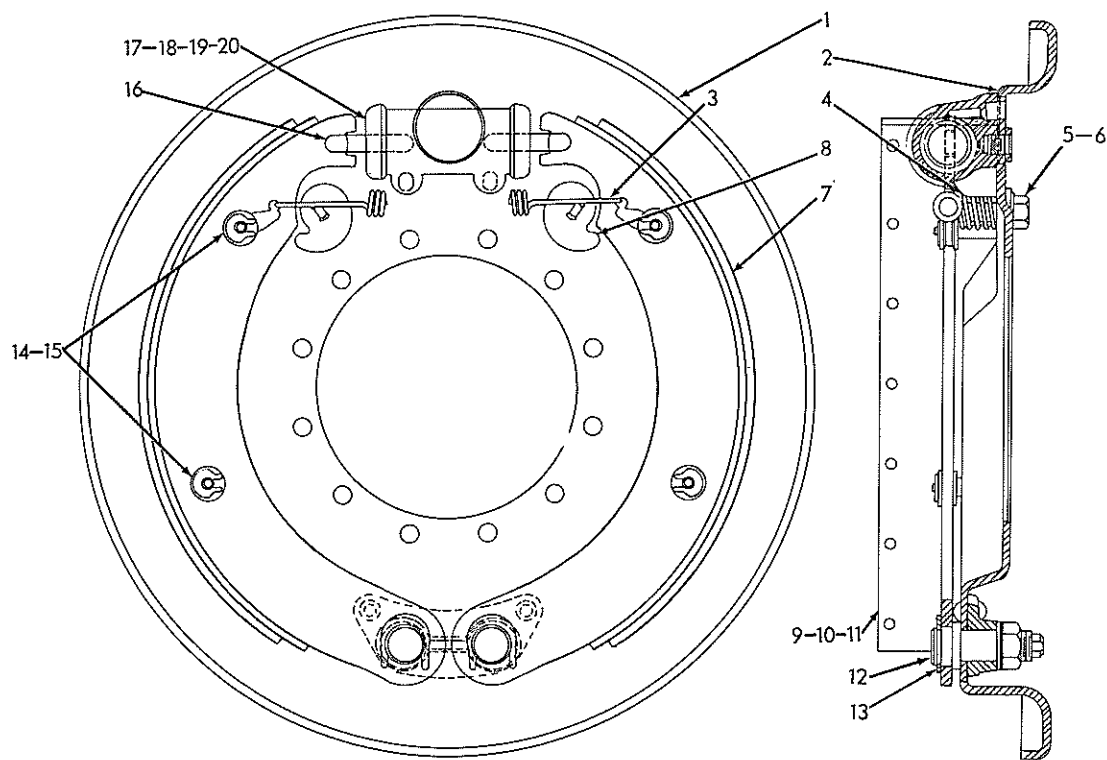


WHEEL CYLINDER ASSEMBLY

T-34409

USAGE: * 3007104-Steering Axle-(Used prior to loader ser. #266, excluding 255,260,261 & 264)
 ** 3022274-Steering Axle-(Effective with loader ser. #266, including 255,260,261 & 264)
 *** 3024901-Rigid Axle-(Used prior to loader ser. #266, excluding 255,260,261 & 264)
 **** 3021892-Rigid Axle-(Effective with loader ser. #266, including 255,260,261 & 264)

ITEM	PART NO.	QTY.	DESCRIPTION
		***	NOTE: See pages 118, 120, 123 and 125 for listing of complete Assembly. Quantities listed are for one (1) cylinder only.
		**	
		*	
		*	
1	3007105	2 - -	BOOT, protecting
	3024894	- - 2 -	BOOT, protecting
	3021895	- 2 - 2	BOOT, protecting
2	3007106	2 - -	PISTON
	3024897	- - 2 -	PISTON
	3021896	- 2 - 2	PISTON
3	3007107	2 - -	CUP, piston
	3024895	- - 2 -	CUP, piston
	3021897	- 2 - 2	CUP, piston
4	3007109	1 - -	HOUSING, wheel cylinder
	3024896	- - 1 -	HOUSING, wheel cylinder
	3021894	- 1 - 1	HOUSING, wheel cylinder
5	3022276	- 2 - -	CUP, filler
6	3007108	1 - -	SPRING, piston return
	3016064	- - 1 -	SPRING, piston return
	3022275	- 1 - -	SPRING, piston return
	3021898	- - - 1	SPRING, piston return
-	3007110	1 - -	REPAIR KIT (Includes 2 BOOT 3007105 and 2 CUP 3007107)
	3024893	- - 1 -	REPAIR KIT (Includes 2 BOOT 3024894 and 2 CUP 3024895)
	3021893	- 1 - 1	REPAIR KIT (Includes 2 BOOT 3021895 and 2 CUP 3021897)



BRAKE ASSEMBLY
(Steering Axle)

T-71709

USAGE: Used prior to loader serial #266, excluding 255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
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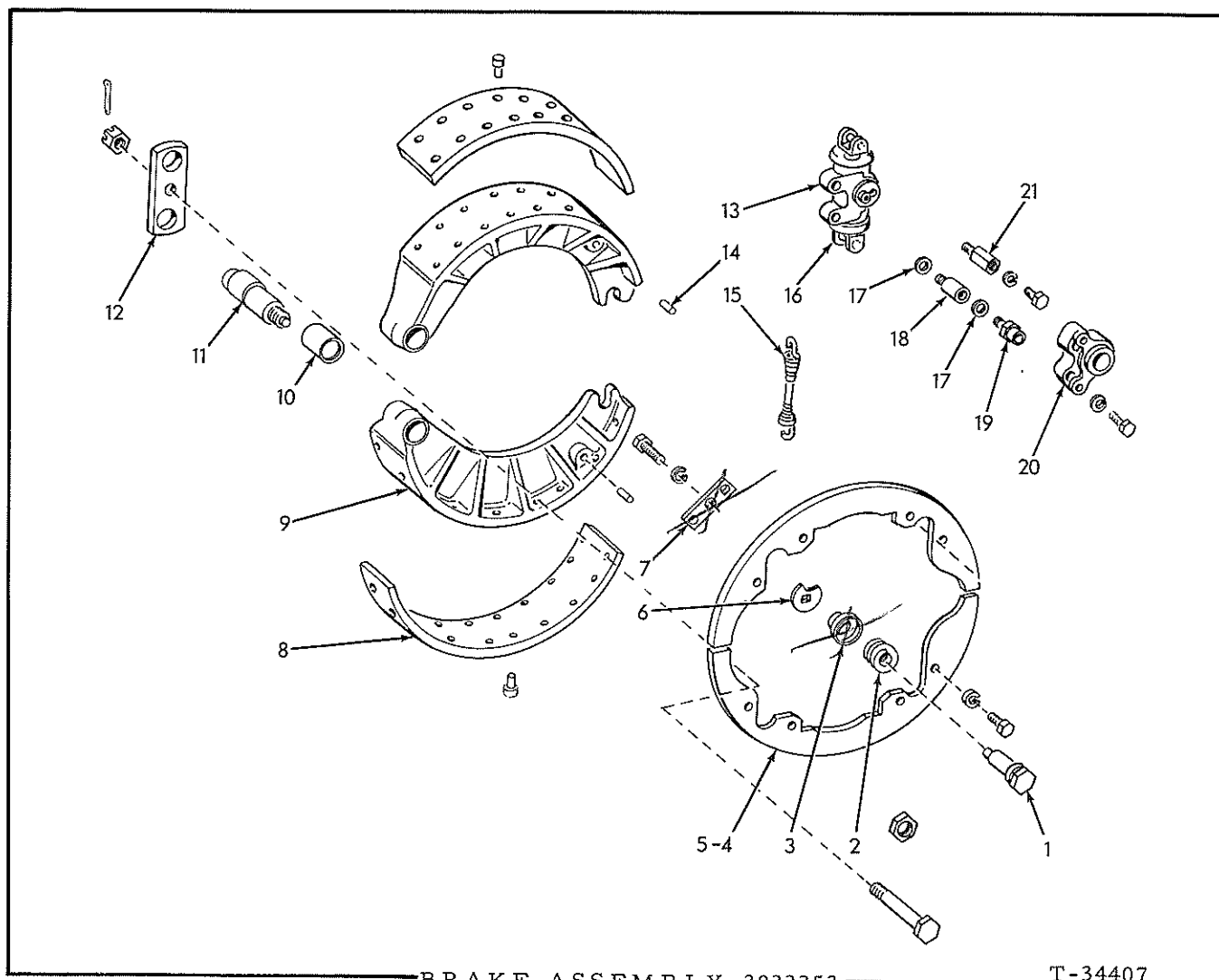
NOTE: See page 105 for listing of complete Assembly.
Quantities indicated are for one (1) brake only.

1	3024748	1	BRAKE ASSEMBLY, left and right (Includes items 2, 3, 7, 9 and 12 thru 15)
2	3024749	1	PLATE ASSEMBLY, backing (Includes items 4, 5 and 8)
3	3024765	1	SPRING, return
4	3024750	2	SPRING, adjusting cam
5	3024782	2	BOLT ASSEMBLY, adjusting cam (Includes washer)
6	3024769	2	WASHER, bolt assembly
7	3028859	2	LINING ASSEMBLY, brake shoe (Includes items 9 thru 11)
8	3022262	2	CAM, adjusting
9	-----	2	SHOE, brake (Not serviced, order LINING ASSEMBLY)
10	-----	2	LINING (Not serviced, order LINING KIT)
11	3024753	28	RIVET

(Continued)

BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	3024754	2	PIN, anchor
	910200	2	LOCKWASHER, external tooth, 3/4"
	3025235	2	NUT
13	3024764	2	WASHER, "C"
14	3007135	8	WASHER, guide pin
	3024767	8	WASHER, plain
15	3007133	4	WASHER, "C"
16	3024781	2	ROD, wheel cylinder
17	3007104	1	CYLINDER ASSEMBLY, wheel (See page 121 for parts)
	916269	2	CAPSCREW, 3/8" NC x 7/8"
	904206	2	LOCKWASHER, 3/8"
18	3007111	1	SCREW, bleeder
19	3013943	1	WASHER, bleeder screw
20	3022277	1	FITTING, wheel cylinder
-	3026450	1	LINING KIT, brake (Consists of four (4) lining and 60 RIVETS) (Lining Kit for complete Axle)



BRAKE ASSEMBLY 3022253
(Steering Axle)

T-34407

USAGE: Effective with loader serial #266, including 255, 260, 261 and 264.

ITEM	PART NO.	QTY.	DESCRIPTION
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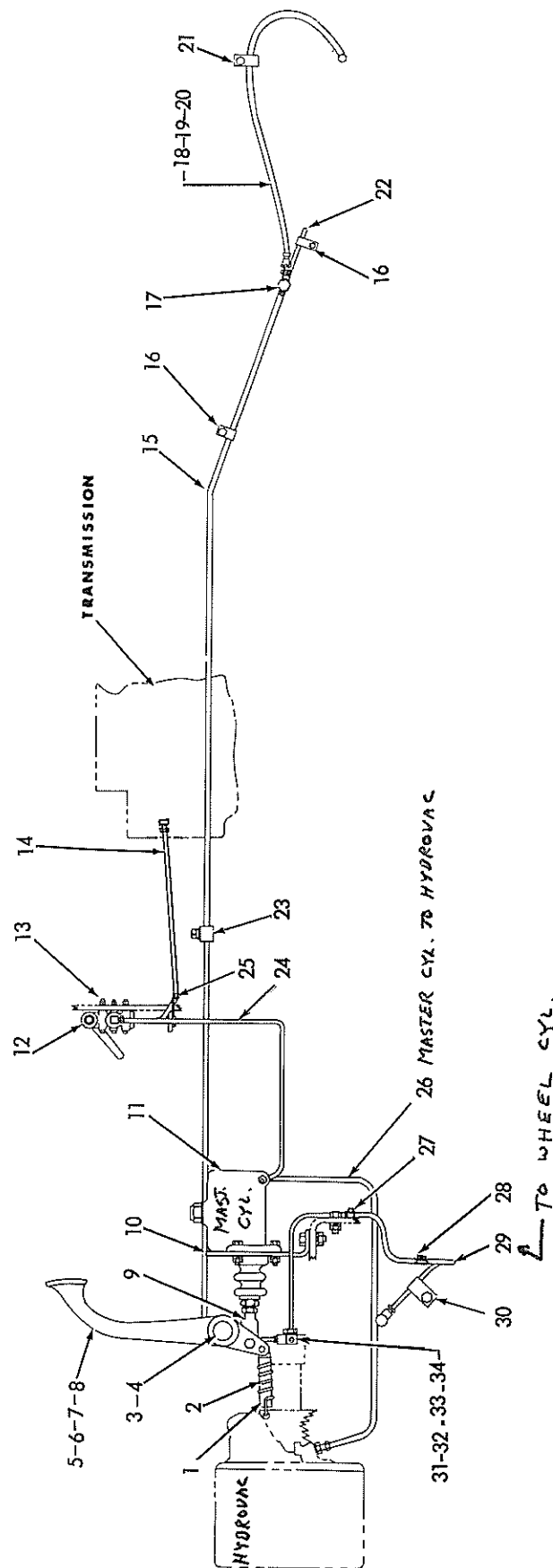
NOTE: See page 110 for listing of complete Assembly.
Quantities indicated are for one (1) brake only

1	3056581 3022260	2	BOLT ASSEMBLY, adjusting cam (Includes washer)
2	3022263	2	SPRING, cam retainer
3	3022264	2	RETAINER, cam spring
4	3024245 916270 904206	1 32 32	SHIELD, dust (left) CAPSCREW, 3/8" NC x 1/2" LOCKWASHER, 3/8"
5	3024246 916270 904206	1 32 32	SHIELD, dust (right) CAPSCREW, 3/8" NC x 1/2" LOCKWASHER, 3/8"
6	3022262	2	CAM, shoe adjusting

(Continued)

BRAKE ASSEMBLY (Continued)
(Steering Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
7	3022272 916269 904206 3032446	2 4 4 2	PLATE CAPSCREW, 3/8" NC x 7/8" LOCKWASHER, 3/8" COTTER
8	----- 921430	2 32	LINING, brake (Not serviced, order lining kit) RIVET
9	3022254	1	SHOE ASSEMBLY, L. H. forward, R. H. reverse (Includes shoe and items 8, 10 and 14)
	3022259	1	SHOE ASSEMBLY, R. H. forward, L. H. reverse (Includes shoe and items 8, 10 and 14)
10	3022255	2	BUSHING, anchor pin
11	3022267 910916 3022268 910230	2 2 2 2	PIN, anchor LOCKWASHER, 1" NUT PLUG, pipe, 1/8" NPT
12	3022269 3022270	1 1	LINK, brake shoe BOLT
3043186	917360 900802	1 2	NUT, slotted, 1/2" NF PIN, cotter, 3/32" x 1"
13	3022274	1	CYLINDER ASSEMBLY, wheel (See page 121 for parts)
14	3037105	2	PIN, cam stopping
15	3022266	1	SPRING, shoe return
16	3014535	2	LINK ASSEMBLY, cylinder
17	3006797	2	WASHER, sealing
18	3022278	1	EXTENSION
19	3022277	1	FITTING, inlet
20	3034231 3027455 904206	1 2 2	ADAPTER, wheel cylinder CAPSCREW, 3/8" NC x 1-3/8" LOCKWASHER, 3/8"
21	3022279 920637 904204	1 1 1	SCREW, bleeder CAPSCREW, 1/4" NF x 1/2" LOCKWASHER, 1/4"
-	3044612	1	LINING KIT (Consists of four (4) lining and 68 RIVET 921430) (Lining Kit for complete Axle)



T-34467

HYDRAULIC BRAKE SYSTEM

HYDRAULIC BRAKE SYSTEM

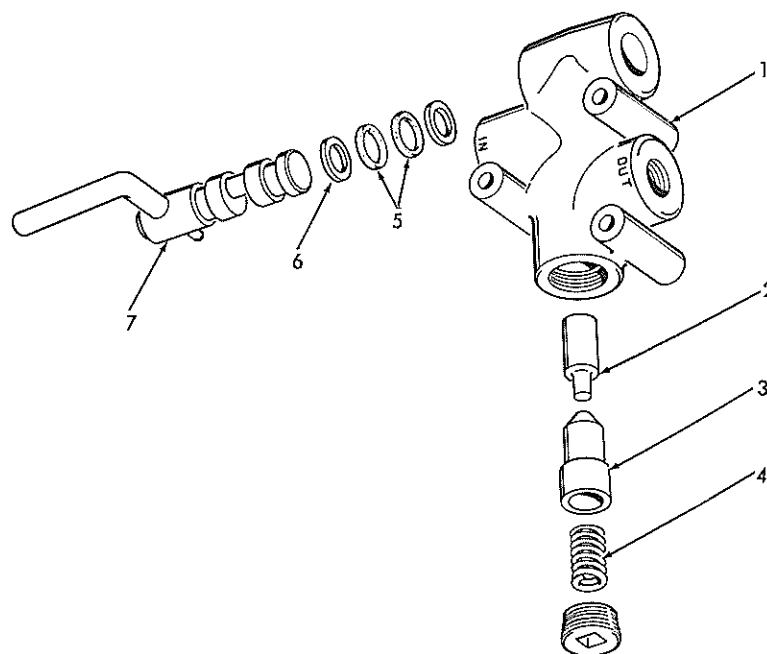
USAGE: * Used prior to loader serial #266, excluding #255, 260 261 and 264
 ** Effective with loader serial #266, including #255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	3015533	1 1	ROD, brake pedal stop
2	3007818	1 1	SPRING, pedal return
3	3020410	1 1	PIN, pivot, brake lever
4	3001916	1 1	PIN, lock
	900806	1 1	PIN, cotter, 1/8" x 1"
5	3020446	1 1	LEVER ASSEMBLY, brake (Includes items 6 thru 8)
6	3012649	1 1	BUSHING, brake lever
7	604925	2 2	BEARING, brake lever
8	3005895	2 2	SEAL, brake lever
9	3023615	1 1	YOKE, master cylinder
	910876	1 -	NUT, jam, 7/16" NF
	3031036	- 1	YOKE, master cylinder
	913223	- 1	NUT, jam, 9/16"
	917649	1 1	PIN, yoke
	900806	1 1	PIN, cotter, 1/8" x 1"
10	3022968	1 1	BRACKET, mounting
	916028	4 4	CAPSCREW, 1/2" NF x 1-3/4"
	904208	4 4	LOCKWASHER, 1/2"
	911043	4 4	NUT, 1/2" NF
11	3013886	1 -	CYLINDER ASSEMBLY, master (See page 130 for parts)
	3021295	- 1	CYLINDER ASSEMBLY, master (See page 130 for parts)
	915228	3 3	CAPSCREW, 3/8" NF x 1-1/4"
	904206	3 3	LOCKWASHER, 3/8"
	911041	3 3	NUT, 3/8" NF
12	3012490	1 1	VALVE ASSEMBLY, clutch cutoff (See page 129 for parts)
13	3012488	3 3	CAPSCREW, socket-hd., #10 NF x 2"
	910243	3 3	WASHER, plain, SAE std., #10
	904203	3 3	LOCKWASHER, #10
	910251	3 3	NUT, #10 NF
14	3023269	1 1	TUBE ASSEMBLY, cutoff valve to transmission (Used prior to loader serial #840)
	914646	1 1	CONNECTOR, inverted flare, 1/4" tube, 1/8" NPT
	913704	1 1	ELBOW, 90°, inverted male, 1/8" NPT
	3035377	- 1	TUBE ASSEMBLY, cutoff valve to transmission (Effective with loader serial #840)
	913704	- 2	ELBOW, 90°, inverted male, 1/8" NPT
15	3023264	1 -	TUBE ASSEMBLY, hydrovac to crossover tube
	3026876	- 1	TUBE ASSEMBLY, hydrovac to crossover tube
16	3002529	3 3	CLIP, tube supporting
	916381	3 3	CAPSCREW, 3/8" NF x 3/4"
	904206	3 3	LOCKWASHER, 3/8"

(Continued)

HYDRAULIC BRAKE SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
17	3023094	2	ADAPTER, hose
	904369	2	LOCKWASHER, 3/4"
	911050	2	NUT, jam, 3/4" NF
18	3025322	2	HOSE ASSEMBLY, adapter to wheel cylinder (Serviced only as a unit) (Prior to loader serial #171 also order 1-3025323 for initial installation)
	3026699	- 2	HOSE ASSEMBLY, adapter to cylinder (Serviced only as a unit)
19	3016074	2	CONNECTOR, hose, inverted flare
20	3016073	4	WASHER, hose connector
21	3006991	2	CLIP, hose supporting
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	LOCKWASHER, 3/8"
	3021342	- 2	CLIP
22	3023266	1	TUBE ASSEMBLY, crossover
	915841	1	TEE, 1/4" tube x 1/8" NPT
	913039	1	ELBOW, 90°, 1/4" tube x 1/8" NPT
23	3002529	1	CLIP, tube supporting
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	904206	1	LOCKWASHER, 3/8"
24	3024129	1	TUBE ASSEMBLY, check valve to master cylinder
	3026875	- 1	TUBE ASSEMBLY, check valve to master cylinder
	3014873	1	CONNECTOR, tube to cylinder
	913704	1	ELBOW, 90°, 1/4" tube, 1/8" NPT, male
25	3016496	- 1	CLIP, tube supporting (Effective with loader serial #840)
	915228	- 1	CAPSCREW, 3/8" NF x 1-1/4"
	911041	- 1	NUT, 3/8" NF
26	3026265	1	TUBE ASSEMBLY, master cylinder to hydrovac
	3026877	- 1	TUBE ASSEMBLY, master cylinder to hydrovac
	3013943	2	WASHER, sealing
	3017550	2	CONNECTOR, male
27	3002529	2	CLIP, tube supporting
	916225	2	CAPSCREW, 3/8" NF x 1"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
28	3002737	1	CLIP, tube supporting
29	3023267	1	TUBE ASSEMBLY, left, tee to wheel cylinder
	3026878	- 1	TUBE ASSEMBLY, left, tee to wheel cylinder
	3023272	1	TUBE ASSEMBLY, right, tee to wheel cylinder
	3026879	- 1	TUBE ASSEMBLY, right, tee to wheel cylinder
30	3021516	2	CLIP
	3028243	- 2	CLIP
	911049	2	NUT, 5/8" NF
31	3021288	1	FITTING
32	3006799	1	WASHER, sealing, 19/32" dia.
33	3024148	1	TEE
34	3006797	1	WASHER, sealing, 1/2" dia.

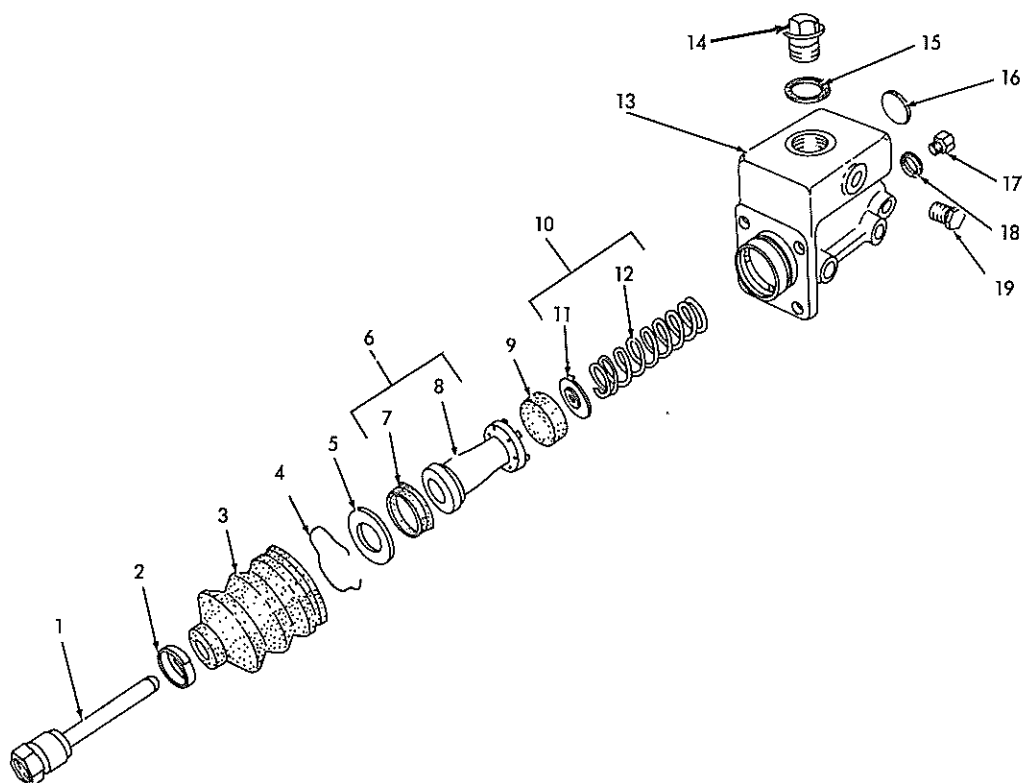


CLUTCH CUTOFF VALVE ASSEMBLY 3012490

T-29389

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 127 for listing of complete Assembly			
1	----- 907856	1 1	HOUSING (Not serviced separately) PLUG, pipe, countersunk head, 3/8" NPT
2	3014044	1	FOLLOWER, check valve
3	3014043	1	PLUNGER, check valve
4	3014042	1	SPRING, check valve plunger
5	923663	2	O-RING, sealing
6	3014045	2	RING, back-up
7	3014046	1	CAM ASSEMBLY (Includes lever) (Serviced only as a unit)

(Order both back-up ring and O-ring)



MASTER CYLINDER ASSEMBLY

T-29390

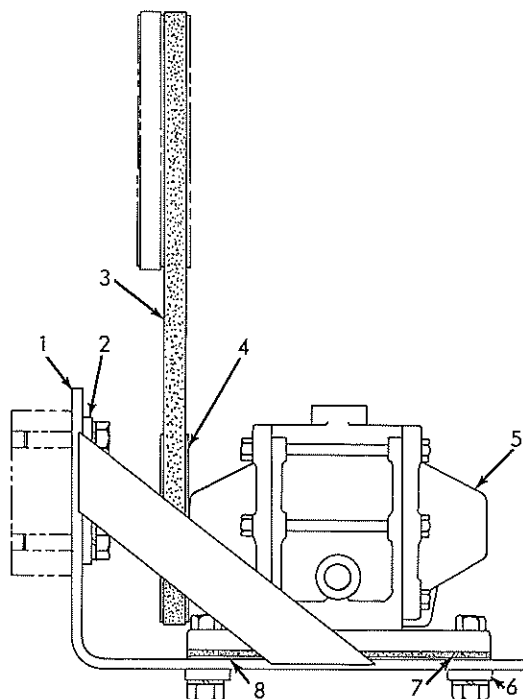
USAGE: * 3013886-Used prior to loader serial #266, excluding 255, 260, 261 and 264
 ** 3021295-Effective with loader serial #266, including 255, 260, 261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	NOTE: See page 127 for listing of complete Assembly.
1	{ 3013938	1 -	ROD, push
	{ 3021876	- 1	ROD, push
2	-----	- 1	STRAP, boot retaining (Not serviced separately)
3	3014315	1 1	□ BOOT, protecting, push rod
4	3014314	1 1	□ WIRE, retaining, piston stop plate
5	3013937	1 1	PLATE, piston stop
6	{ 3014311	1 -	PISTON ASSEMBLY (Includes items 7 and 8)
	{ 3021872	- 1	PISTON ASSEMBLY (Includes items 7 and 8)
7	{ 3014312	1 -	□ CUP, primary piston
	{ 3021873	- 1	□ CUP, primary piston
8	-----	1 1	□ PISTON (Not serviced separately)
9	{ 3014310	1 -	□ CUP, primary
	{ 3021871	- 1	□ CUP, primary
10	3021875	- 1	SPRING ASSEMBLY (Includes items 11 and 12)
11	-----	1 1	RETAINER, spring (Not serviced separately)
12	{ 3013940	1 -	SPRING, piston return
	{ -----	- 1	SPRING, piston return (Not serviced, order 3021875)

(Continued)

MASTER CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY * **	DESCRIPTION
13	-----	1 -	HOUSING (Not serviced, order CYLINDER ASSEMBLY)
	-----	- 1	HOUSING (Not serviced, order CYLINDER ASSEMBLY)
14	3013941	1 1	CAP, filler
15	3006899	1 1	GASKET, filler cap
16	-----	- 1	PLUG,(Not serviced separately)
17	3017550	2 2	CONNECTOR, inverted flare
18	3013943	2 2	WASHER, connector
19	3013944	2 2	PLUG, outlet
20	3014309	1 -	VALVE, check (Between spring and housing) (Not illustrated)
-	3013939	1 -	REPAIR KIT, master cylinder (Consists of items 3, 4, 6, 9, 11, 12, 14 and 20)
	3021870	- 1	REPAIR KIT, master cylinder (Consists of items 3, 4, 6, 7 & 9)



VACUUM PUMP AND MOUNTING

T-32581

USAGE: * Used prior to loader serial #877, excluding 870, 873 and 874
 ** Effective with loader serial #877, including 870, 873, and 874

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	3026128	1	1	BRACKET, mounting, vacuum pump
	916028	4	4	CAPSCREW, 1/2" NF x 1-3/4"
	904208	4	4	LOCKWASHER, 1/2"
2	3026170	4	4	WASHER
3	3024834	1	1	BELT, cog
4	3026167	1	1	PULLEY, vacuum pump
5	-----	1	-	PUMP ASSEMBLY (Order 3033813) (See page 133 for parts)
	3033813	-	1	PUMP ASSEMBLY, vacuum (See page 133 for parts)
6	917782	4	4	CAPSCREW, 7/16" NF x 2-1/4"
	3026170	4	4	WASHER
	904207	4	4	LOCKWASHER, 7/16"
	911042	4	4	NUT, 7/16" NF
7	3026459	1	1	GASKET, pump mounting
8	3026628	1	1	PLATE, mounting

MEMO



24

25

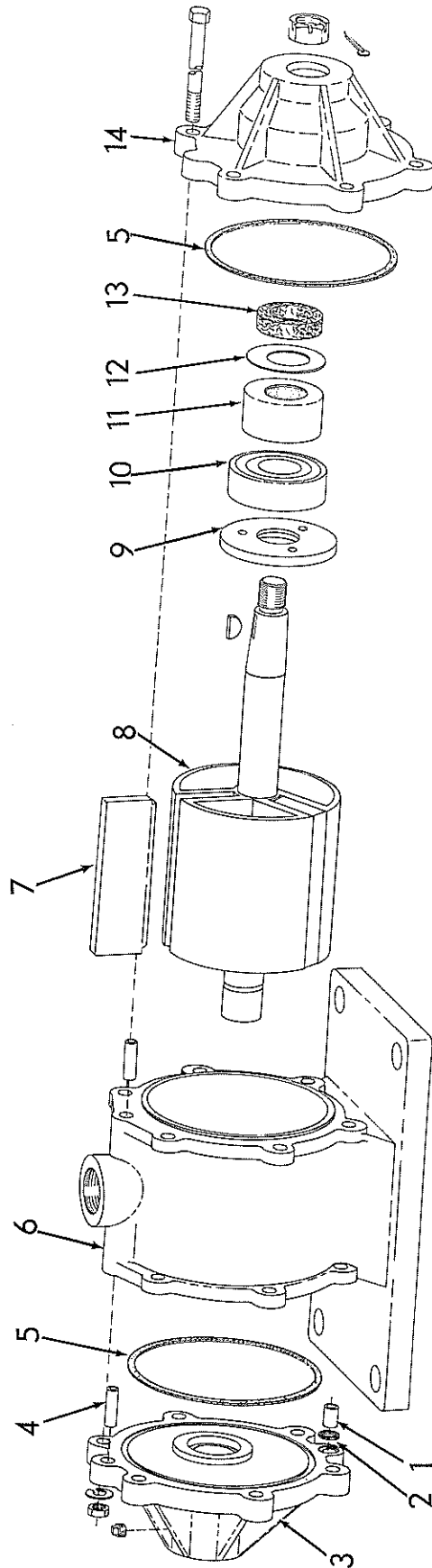
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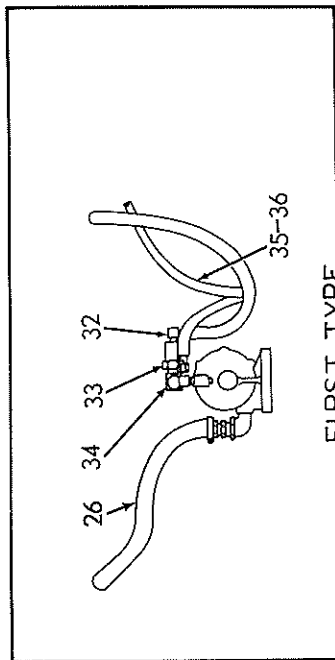
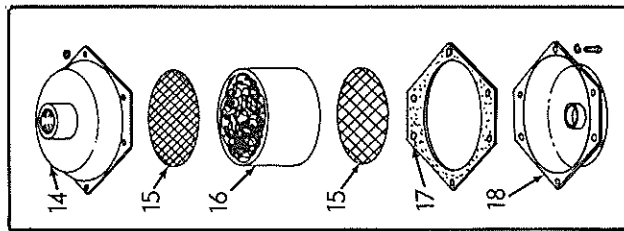
T-32582

VACUUM PUMP ASSEMBLY 3033813

VACUUM PUMP ASSEMBLY

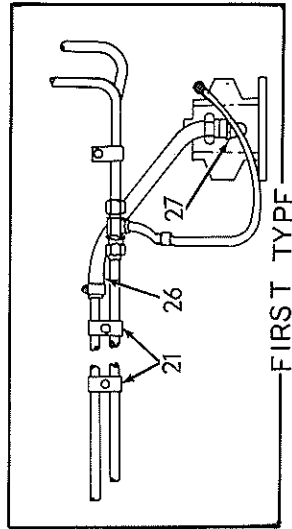
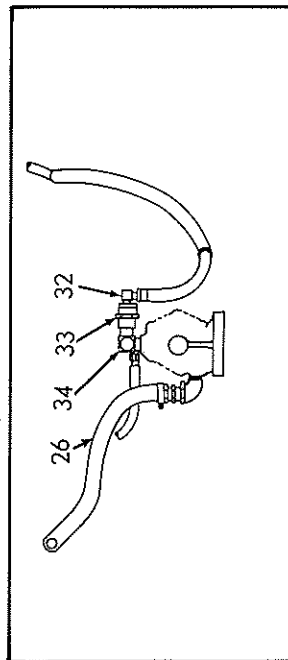
USAGE: * ----- Used prior to loader serial #887, excluding 870, 873 and 874
 ** 3033813 Effective with loader serial #877, including 870, 873 and 874

ITEM	PART NO.	QTY. * **	DESCRIPTION
NOTE: See page 131 for listing of complete Assembly			
1	3026252	1 1	RETAINER, gasket
2	3026253	1 1	GASKET, retainer
3	3026256	1 -	PLATE, end, rear
	3034005	- 1	PLATE ASSEMBLY, end, rear (Serviced only as a unit)
	901652	1 1	PLUG, pipe, sq.-hd., 1/4" NPT
4	3026258	2 2	PIN, aligning
5	3026266	2 2	GASKET, sealing, cover and end plate
6	3026257	1 -	HOUSING
	3026251	1 -	PLUG, pipe
	3034004	- 1	HOUSING ASSEMBLY (Includes ball) (Serviced only as a unit)
7	3026268 3034003	3 3	VANE, rotor
8	-----	1 -	ROTOR ASSEMBLY (Order 3034006 ROTOR ASSEMBLY)
	917097	1 -	SETSCREW, slotted head, 1/4" NC x 5/16"
	3034006	- 1	ROTOR ASSEMBLY (Includes rotor, shaft and ball) (Serviced only as a unit)
	917422	- 1	NUT, slotted, 1/2" NF
	911438	- 1	PIN, cotter, 1/8" x 1-1/8"
	905123	- 1	KEY, #9 woodruff, 5/16" x 3/4"
9	3026260	1 -	PLATE, baffle
	3026265	2 -	RING, snap (Not illustrated)
	3034001	- 1	PLATE, baffle
10	3026261	1 1	BEARING, ball, rotor
11	3026262	1 1	SEAL, oil
12	3026263	1 1	GASKET, sealing
13	3026264	1 1	WASHER, seal retaining (felt)
14	3026259	1 -	PLATE, end
	3026255	6 -	BOLT, 1/4" NF x 4-1/2"
	916590	6 -	NUT, 1/4" NF
	3034002	- 1	PLATE ASSEMBLY (Includes items 10 thru 14)
	921581	- 6	CAPSCREW, 1/4" NF x 4-1/2"
	904204	- 6	LOCKWASHER, 1/4"
	910337	- 6	NUT, 1/4" NF

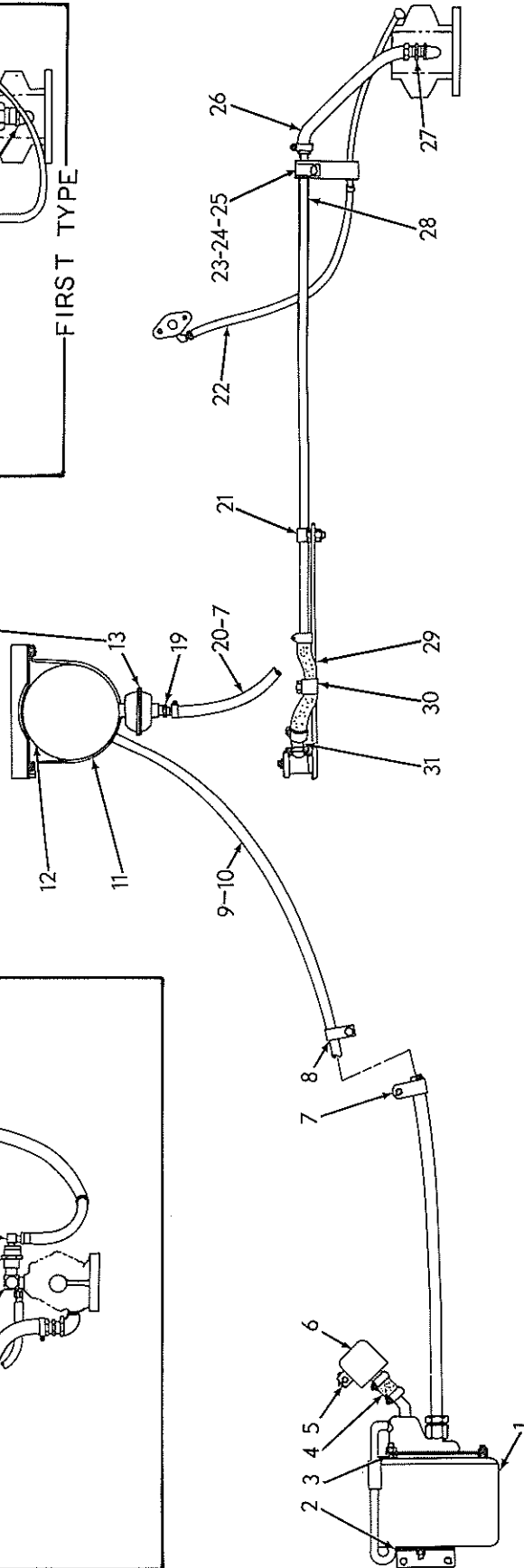


FIRST TYPE

REAR VIEW



FIRST TYPE



VACUUM BRAKE SYSTEM

USAGE: * Used prior to loader serial #266, excluding 255, 260, 261 and 264
 ** Effective with loader serial #266, including 255, 260, 261 and 264

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	3014868	1	-	HYDROVAC ASSEMBLY (Bendix #377215, order parts from your local Bendix dealer)
	3021292	-	1	HYDROVAC ASSEMBLY (Bendix #374750, order parts from your local Bendix dealer)
	904206	3	3	LOCKWASHER, 3/8"
	911041	3	3	NUT, 3/8" NF
2	3022691	1	1	BRACKET, front, hydrovac
	916381	2	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	2	LOCKWASHER, 3/8"
3	3022683	1	1	BRACKET, rear, hydrovac
	916381	2	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	2	LOCKWASHER, 3/8"
4	3023188	1	1	HOSE, 3/4" I.D. x 3-1/2"
	922660	2	2	CLAMP, hose, adjustable, 13/16" to 1-1/2"
5	3020979	1	1	STRIP, breather
	916381	2	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	2	LOCKWASHER, 3/8"
6	3014869	1	1	BREATHER ASSEMBLY (Serviced only as a unit)
	915430	1	1	CAPSCREW, 5/16" NF x 3/4"
	904205	1	1	LOCKWASHER, 5/16"
	913636	1	1	NUT, 5/16" NF
7	3001437	1	1	CLIP, hose supporting
	916381	1	1	CAPSCREW, 3/8" NF x 3/4"
	904206	1	1	LOCKWASHER, 3/8"
8	3019784	3	3	CLIP, hose supporting (See Transmission and Frame groups for fasteners)
9	3021298	1	1	HOSE, hydrovac to vacuum tank
	3021264	1	1	NIPPLE, hydrovac
	922660	2	2	CLAMP, hose, adjustable, 13/16" to 1-1/2"
10	3021265	1	1	ELBOW, 90°
11	3017276	2	2	STRAP, vacuum tank, bottom
	3017274	2	2	STRAP, vacuum tank, top
	913249	4	4	CAPSCREW, 1/2" NF x 1-1/4"
	904208	4	4	LOCKWASHER, 1/2"
12	3021293	1	1	TANK, vacuum
	905261	1	1	PLUG, pipe, steel, 1/2" NPT, 9/16" sq. -hd.
13	3026119	1	1	CLEANER ASSEMBLY, air (Includes item 14 thru 18)
	901505	1	1	NIPPLE, pipe, 1/2" NPT x 3-1/2"
	914087	1	1	TEE, pipe, service, 1/2"
14	-----	1	1	SHELL, air cleaner (Not serviced order 3026119)
15	3041015	2	2	SCREEN, element retaining
16	3027246	1	1	FILTER, air (hair)
17	3027245	1	1	GASKET, air cleaner

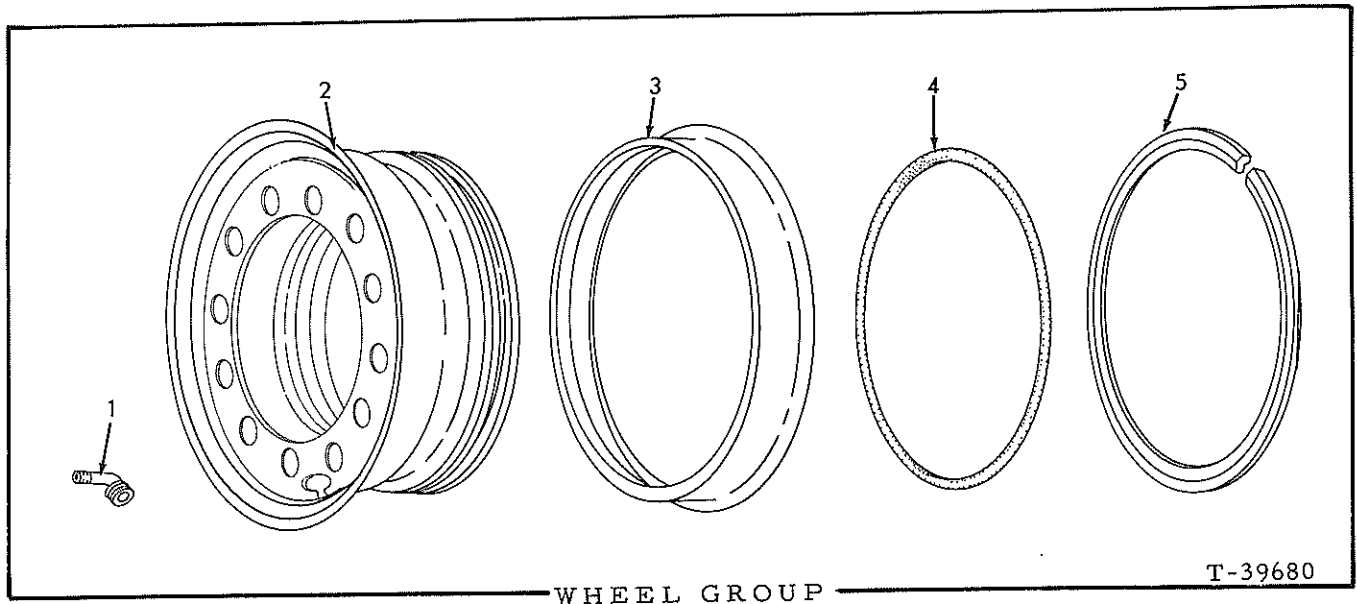
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VACUUM BRAKE SYSTEM (Continued)

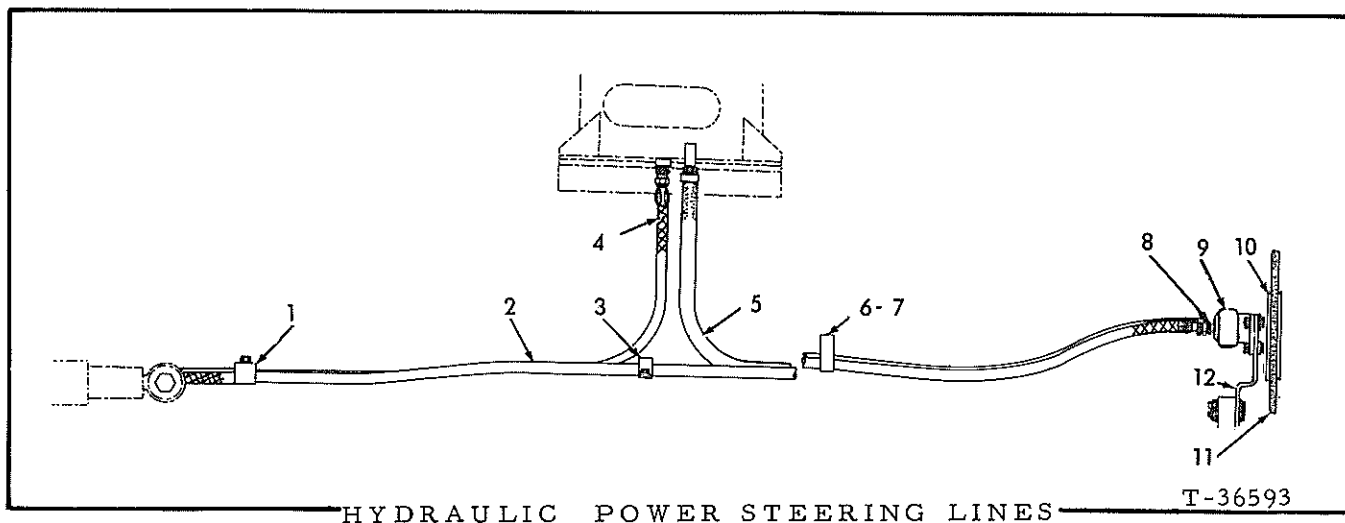
ITEM	PART NO.	QTY. * **	DESCRIPTION
18	-----	1 1	SHELL, air cleaner (Not serviced order 3026119)
	900547	6 6	SCREW, machine, #6
	906963	6 6	LOCKWASHER, #6
	901309	6 6	NUT, #6 NC
19	3021264	1 1	NIPPLE, hose
20	3026443	1 1	HOSE, tank to pump
	922660	2 2	CLAMP, hose, adjustable, 13/16" to 1-1/2"
21	{ 3008932	4 -	CLAMP (half) tube supporting
	916225	2 -	CAPSCREW, 3/8" NF x 1"
	904206	2 -	LOCKWASHER, 3/8"
	911041	2 -	NUT, 3/8" NF
	3023535	- 1	CLIP, tube supporting
	913105	- 1	CAPSCREW, 1/2" NF x 1-1/2"
	904208	- 1	LOCKWASHER, 1/2"
	911043	- 1	NUT, 1/2" NF
22	3029459	- 1	HOSE ASSEMBLY (See Master Numerical Index)
	919135	- 2	ELBOW, 90°
	901478	- 1	NIPPLE, close, 1/4" NPT
	901764	- 1	COUPLING, pipe, 1/4" NPT
23	3029458	- 1	BRACKET
24	3018302	- 1	CLIP, hose supporting
25	3023535	- 1	CLIP, tube supporting
	915228	- 1	CAPSCREW, 3/8" NF x 1-1/4"
	911115	- 1	WASHER, plain, SAE std., 3/8"
	904206	- 1	LOCKWASHER, 3/8"
	911041	- 1	NUT, 3/8" NF
26	{ 3026357	1 -	HOSE, 3/4" I. D. x 12"
	3035526	- 1	HOSE, 3/4" I. D. x 19"
	922660	2 2	CLAMP, hose, adjustable, 13/16" to 1-1/2"
27	3021264	1 1	ADAPTER
	922538	1 1	ELBOW, street, reducing, 1/2" to 3/8"
28	3026377	1 1	TUBE
29	{ 3026536	1 -	HOSE, 3/4" I. D. x 12"
	3035526	- 1	HOSE, 3/4" I. D. x 19"
	922660	2 2	CLAMP, hose, adjustable, 13/16" to 1-1/2"
30	3019784	1 1	CLIP, hose supporting (See Transmission Support Group for fasteners)
31	3021264	1 1	ADAPTER
32	3021265	1 1	ELBOW, 90°
33	3032767	1 1	VALVE ASSEMBLY, check (Serviced only as a unit)
34	3026310	1 1	ELBOW, reducing
35	3026378	1 -	HOSE ASSEMBLY (See Master Numerical Index)
36	3015139	1 -	ELBOW, 90°
	901478	1 -	NIPPLE, 1/4" NPT
	901764	1 -	COUPLING, 1/4" NPT

TIRES
(Not illustrated)

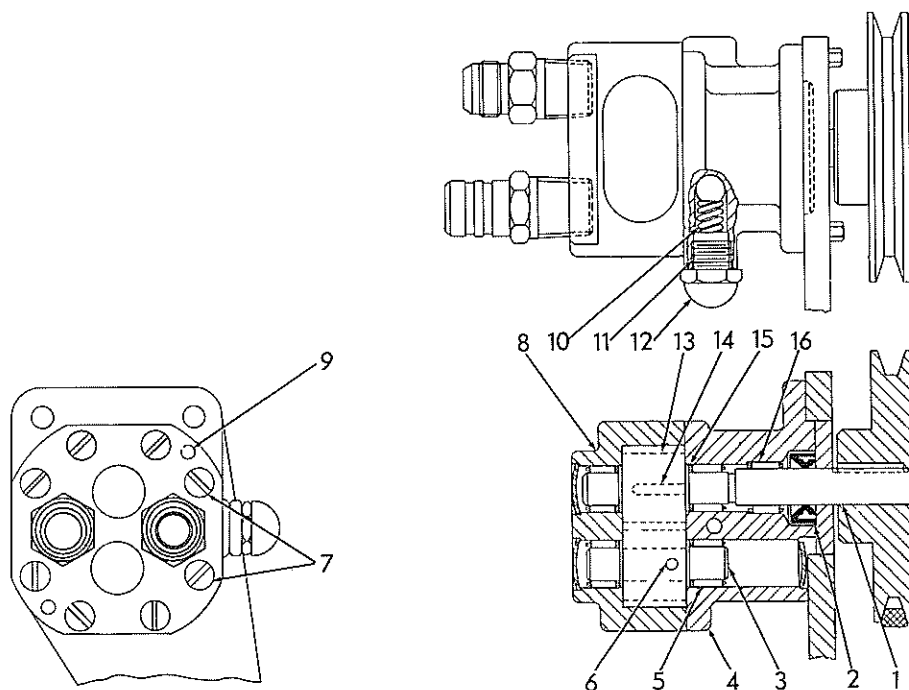
ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: Obtain from local tire dealer			
1	-----	1	TIRE, tube type
2	-----	1	TUBE
3	-----	1	TIRE, tubeless, 14 x 24 - 12 ply
4	-----	1	TIRE, tubeless, 14. x 24 - 16 ply
5	-----	1	TIRE, tubeless, 16 x 24 - 12 ply



ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: Quantities indicated are for one (1) wheel only.			
1	3027334	1	VALVE ASSEMBLY (Serviced only as a unit) (Used with 14. and 16. x 24 tire)
2	3027333	1	WHEEL ASSEMBLY (Accommodates 14. x 24 tire) (Includes items 3 and 5)
	3024820	1	WHEEL ASSEMBLY (Accommodates 16. x 24 tire) (Includes items 3 and 5)
3	3027275	1	RING, side (Used with 14. x 24 tire)
	3024118	1	RING, side (Used with 16. x 24 tire)
4	3024120	1	O-RING (Used with 14. and 16. x 24 tire)
5	3027276	1	RING, lock (Used with 14. x 24 tire)
	3024119	1	RING, lock (Used with 16. x 24 tire)



ITEM	PART NO.	QTY.	DESCRIPTION
1	3022342	1	CLIP, hose supporting
	914875	1	CAPSCREW, 1/2" NF x 1"
	910244	1	WASHER, plain, SAE std., 1/2"
	904208	1	LOCKWASHER, 1/2"
2	3024049	1	HOSE ASSEMBLY, pressure (See page 6 for parts)
	919127	1	ADAPTER, 9/16" NF x 1/2" NPT
3	3011755	1	CLIP, hose supporting
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	905564	1	LOCKWASHER, 3/8"
4	3023192	1	HOSE ASSEMBLY, return (See page 6 for parts)
	919172	1	ADAPTER, 9/16" NF x 3/8" NPT
5	3024058	1	HOSE, 3/4" I.D. x 72" long
	922660	2	CLAMP, hose, adjustable, 13/16" to 1-1/2"
6	3009263	1	CLIP, hose supporting
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	911115	1	WASHER, plain, SAE std., 3/8"
	904206	1	LOCKWASHER, 3/8"
7	3006396	1	BLOCK, drilled, clip mounting
8	3040327	1	ADAPTER, hose connecting, 1/2" NPT
9	3014738	1	PUMP ASSEMBLY, steering (Used prior to loader serial #777) (See page 139 for parts)
	3033580	1	PUMP ASSEMBLY, steering (Effective with loader serial #777) (See page 140 for parts)
	3007381	4	CAPSCREW, dr.-hd., 3/8" NF x 1"
	3007380	1	WIRE, locking, 12" long
10	3024833	1	PULLEY ASSEMBLY (Includes 1 SETSCREW 905564)
	905564	1	SETSCREW, socket head, cup point, 5/16" NC x 3/8"
11	3024834	1	BELT, power steering
12	3025961	1	BRACKET, pump mounting
	916421	2	CAPSCREW, 1/2" NF x 2-1/2"
	910244	1	WASHER, plain, SAE std., 1/2"
	904208	2	LOCKWASHER, 1/2"
	911043	2	NUT, 1/2" NF



POWER STEERING PUMP ASSEMBLY 3014738

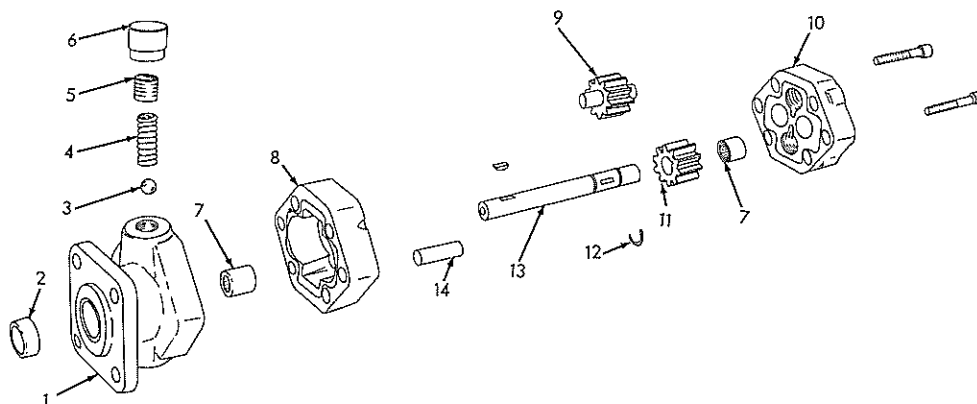
T-71720

USAGE: Used prior to loader serial #777

ITEM PART NO. QTY. DESCRIPTION

NOTE: See page 138 for listing of complete Assembly

1	3015061	1	SHAFT, drive
	3010542	1	KEY, 1/8" x 1/8" x 7/8"
2	3033846	1	SEAL, oil, double lip
3	3021691	1	SHAFT ASSEMBLY, driven (Includes gear and item 6)
4	-----	1	COVER, adapter (Not serviced, order PUMP ASSEMBLY)
5	077241	4	BEARING, needle
6	3021692	1	PIN, shear, shaft assembly
7	3006713	8	SCREW, machine
8	-----	1	HOUSING, pump assembly (Not serviced , order PUMP ASSEMBLY)
	914590	3	PLUG, expansion, 11/16"
9	3006715	2	PIN, dowel
10	3011708	1	SPRING ASSEMBLY, pressure relief (Includes ball)
11	3021737	1	SCREW, adjusting, spring assembly
12	3009582	1	GASKET, adjusting, screw
	913463	1	NUT, cap, 1/2" NF
13	3015055	1	GEAR, drive
14	3015056	1	KEY, gear locking, 1/8" x 1/8" x 1/2"
15	3015050	2	RING, snap, gear retaining
16	043021	1	BEARING, needle



POWER STEERING PUMP ASSEMBLY 3033580

T-34384

USAGE: Effective with loader serial #777

ITEM	PART NO.	QTY.	DESCRIPTION
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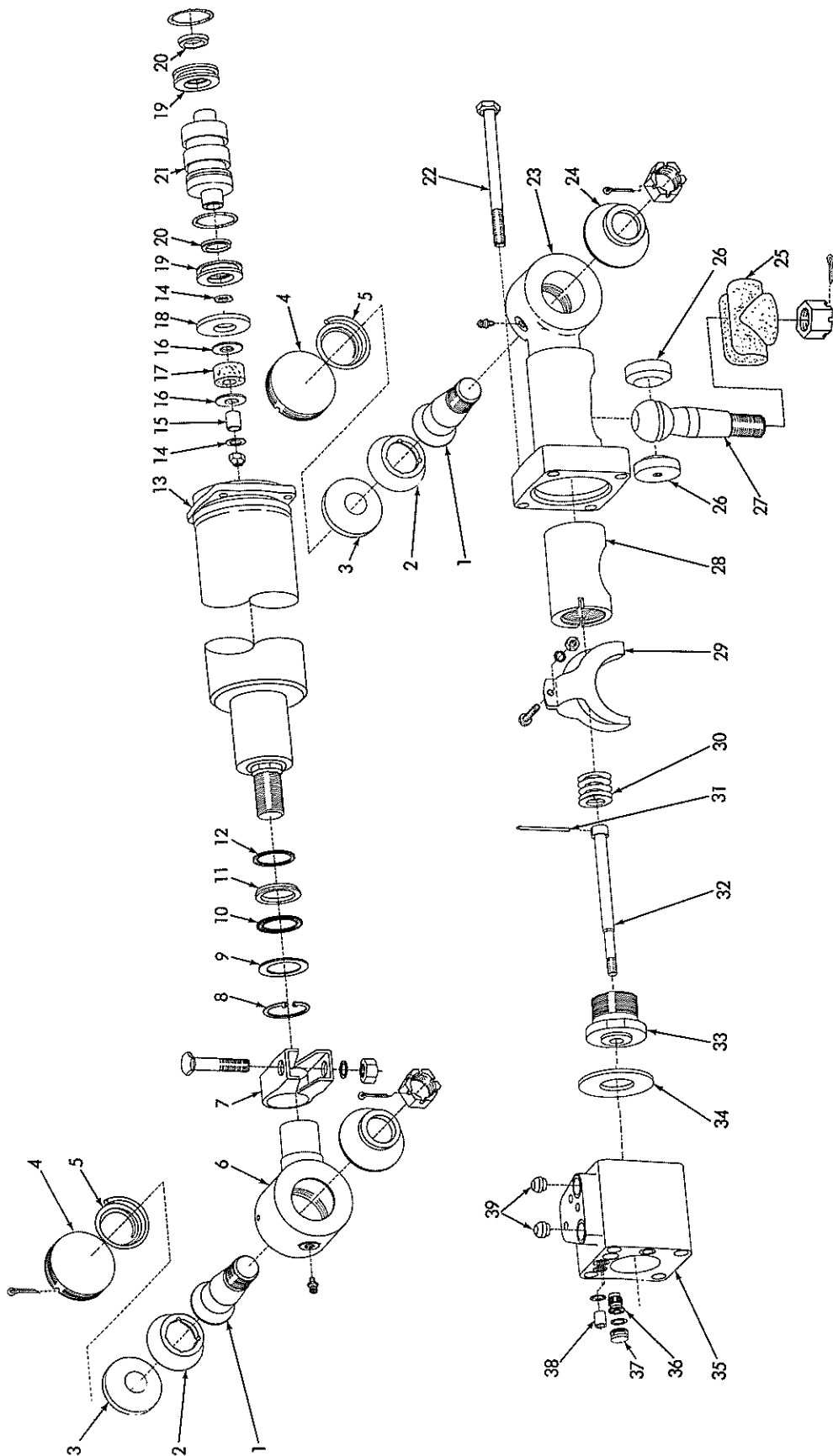
NOTE: See page 138 for listing of complete Assembly.

1	3033581	1	BODY ASSEMBLY (Includes items 2 thru 6 and BEARING 3033589)
2	3033590	1	SEAL, oil, body assembly
3	3033591	1	BALL, valve
4	3033592	1	SPRING, valve
5	3033593	1	SCREW, adjusting, valve
6	3033594	1	CAP, valve
7	3033589	5	BEARING, needle
8	3033579	1	HOUSING, pump assembly
9	3042303	1	GEAR ASSEMBLY, idler
10	3035646	1	COVER ASSEMBLY, pump (Includes 2 BEARING 3033589)
	921754	2	CAPSCREW, socket-hd., 1/4" NC x 2-1/4"
	921494	4	CAPSCREW, socket-hd., 5/16" NC x 2"
11	-----	1	GEAR, drive (Not serviced, order 3042302)
12	3036195	2	RING, snap, gear retaining
13	3042302	1	SHAFT ASSEMBLY, drive
	905119	1	KEY, #3 Woodruff, 1/8" x 1/2"
	910173	1	KEY, #2 Woodruff, 3/32" x 1/2"
14	3033584	2	PIN, dowel

HYDRAULIC POWER STEERING CYLINDER 3022778

ITEM	PART NO.	QTY.	DESCRIPTION
1	3019986	2	STUD, ball
	914029	2	NUT, slotted, 7/8" NF
	900808	2	PIN, cotter, 1/8" x 1-1/2"
2	3024154	2	BEARING, ball stud
3	3024153	2	SEAT, spring
4	3024151	2	PLUG, adjusting
	916242	2	PIN, cotter, 1/8" x 3"
5	3024152	2	SPRING
-	3024159	1	SOCKET KIT, ball (Consists of 1 PIN 900808 and one (1) each of items 1 thru 5 and 24)
6	3025044	1	SOCKET ASSEMBLY (Includes 1 SOCKET, 1 PIN 900808, and one (1) each of items 1 thru 5 and 24
	914465	1	FITTING, lubricating, straight, 1/8" NPT
7	3025048	1	CLAMP, socket assembly
	916420	1	CAPSCREW, 1/2" NF x 2-1/4"
	904208	1	LOCKWASHER, 1/2"
	911043	1	NUT, 1/2" NF
8	3025608	1	RING, snap, retaining
9	3025607	1	WASHER, retaining
10	3025606	1	SEAL, dust
11	3025605	1	WASHER, inner seal retaining
12	3025604	1	SEAL, inner
-	3025609	1	SEAL KIT, cylinder (Consists of items 8 thru 12)
13	3025035	1	CYLINDER ASSEMBLY, steering (Includes seal ring, two piston rings, piston rod and items 8 thru 12)
14	3025036	2	WASHER (Special)
15	3025037	1	SPACER, washer
16	3025039	2	WASHER (Special) guide, centering rubber
17	3025038	1	RUBBER, centering
18	3025040	1	PLATE, bushing
19	3025045	2	RETAINER, spool
	923649	2	O-RING, sealing
20	3025047	2	SEAL, oil, retainer
21	-----	1	SPOOL, valve (Not serviced, order HOUSING ASSEMBLY)
-	3025218	1	SEAL KIT, valve (Consists of 2 O-RING 923649, 1 O-RING 923663, 2 O-RING 923560 and item 20)
22	3020017	4	BOLT, 3/8" NF x 4-3/4"
	904206	4	LOCKWASHER, 3/8"

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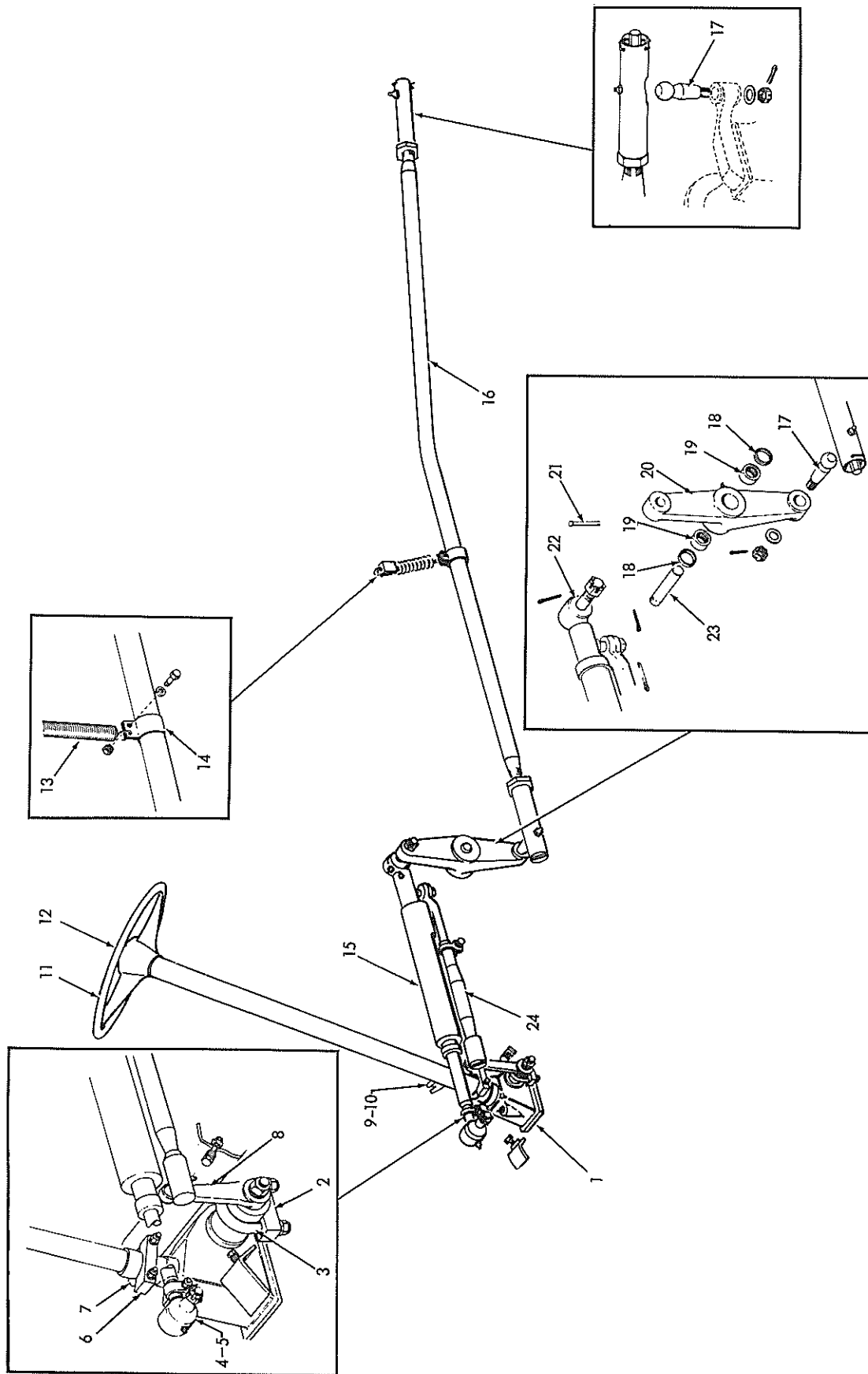


T-71706

HYDRAULIC POWER STEERING CYLINDER 3022778

HYDRAULIC POWER STEERING CYLINDER 3022778 (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
23	3025613	1	SLEEVE, cylinder
	914465	2	FITTING, lubricating, straight, 1/8" NPT
24	3019987	2	COVER, dust, ball stud
25	3024158	1	COVER, dust, ball stud
26	3019997	2	SEAT, ball stud
27	3019993	1	STUD, ball
	912331	1	NUT, slotted 3/4" NF
	900808	1	PIN, cotter, 1/8" x 1-1/2"
28	3019989	1	TUBE, cylinder sleeve
29	3024156	1	CLAMP, ball stud dust cover
	901173	1	SCREW, machine, #10 NC x 5/8"
	904203	1	LOCKWASHER, #10
	901310	1	NUT, #10 NC
30	3019998	1	SPRING, ball stud seat
-	3024160	1	KIT, ball stud (Consists of 1 STUD 3019993, 1 PIN 900808, items 25, 26, 29 and 30)
31	3020002	1	PIN, locking bolt
32	3025611	1	BOLT, valve assembly
	916770	1	NUT, lock, 5/16" NF
33	3020003	1	STOP, spring
34	3020004	1	PLATE, bushing
35	3025041	1	HOUSING ASSEMBLY, cylinder valve (Includes 1 HOUSING, items 19 thru 21 and 36 thru 39)
36	3020033	1	VALVE ASSEMBLY, check (Includes ball) (Serviced only as a unit)
37	3020034	1	PLUG, housing assembly
	923663	1	O-RING
38	3020032	2	INSERT, housing assembly
	923560	2	O-RING
39	3020031	2	SEAT, housing assembly



T-32527

STEERING GEAR AND LINKAGE GROUP

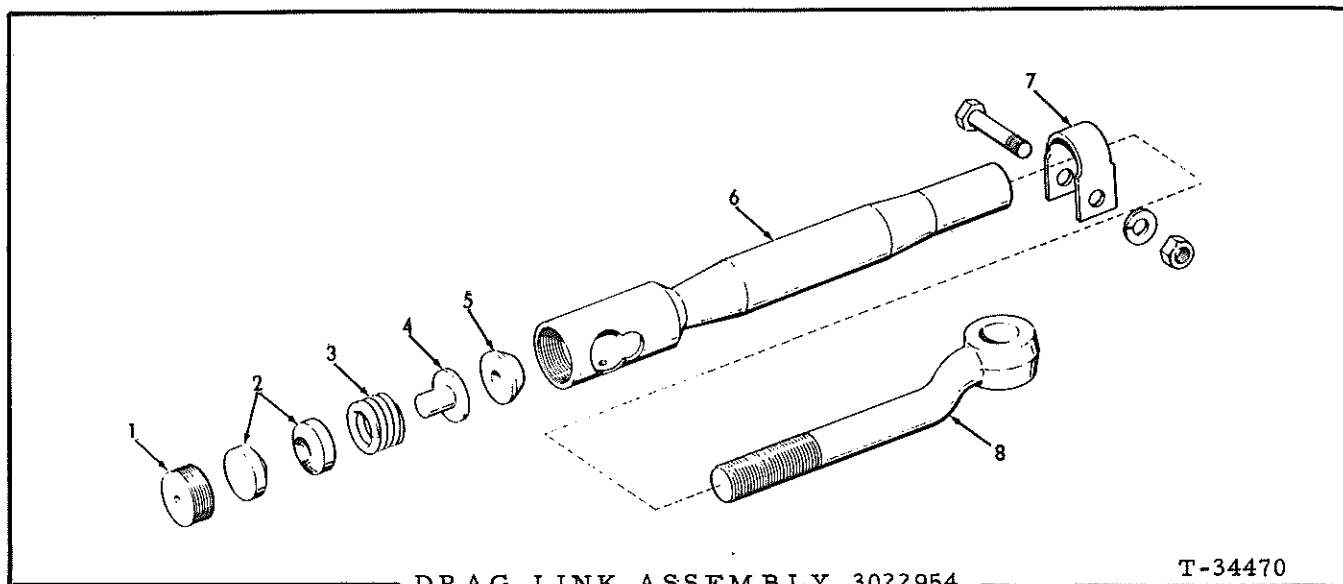
STEERING GEAR AND LINKAGE GROUP

ITEM	PART NO.	QTY.	DESCRIPTION
1	3006587	1	GEAR ASSEMBLY, steering (See page 149 for parts)
	916385	2	CAPSCREW, 3/8" NF x 2"
	911115	-	WASHER, plain, SAE Std., 3/8"
	911041	2	NUT, 3/8" NF
	904206	2	LOCKWASHER, 3/8"
2	3005023	1	U-BLOCK, clamp, u-bolt
3	3005024	1	U-BOLT, steering gear
	904209	2	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8" NF
4	-----	1	STUD, ball (See CYLINDER ASSEMBLY)
5	-----	2	COVER, dust (See CYLINDER ASSEMBLY)
6	3005017	1	U-BLOCK, clamp, u-bolt
7	3005026	1	U-BOLT, steering gear
	904208	2	LOCKWASHER, 1/2"
	911043	2	NUT, 1/2" NF
8	3006589	1	ARM, pitman
9	3006590	1	CONNECTOR ASSEMBLY, horn (Serviced only as a unit)
10	3003850	2	SCREW, machine
11	3023001	1	WHEEL, steering
12	3006592	1	BUTTON ASSEMBLY, horn (Includes one each ring, washer, cup and spring) (Serviced only as a unit)
	912307	4	SCREW, self-tapping, #8 x 1/2"
13	3025378	1	SPRING, supporting, tee rod
		1	
14	3025379	1	CLIP, spring
	916225	1	CAPSCREW, 3/8" NF x 1"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF
15	3022778	1	CYLINDER ASSEMBLY, power steering (See page 141 for parts)
16	3026660	1	LINK ASSEMBLY, drag (Steering arm to steering axle) (See page 151 for parts)
	3031441	1	LINK ASSEMBLY, drag (Steering arm to steering axle) (See page 151 for parts)
	913685	2	FITTING, lubricating, straight, 1/8" NPT
17	3020847	2	STUD, ball
	911116	2	WASHER, plain, SAE std., 7/8"
	914029	2	NUT, slotted, 7/8" NF
	900808	2	PIN, cotter, 1/8" x 1-1/2"
18	3010242	2	SEAL, steering arm
19	3010241	2	BEARING, steering arm
20	3026643	1	ARM ASSEMBLY, steering (Includes items 18 and 19)
	915276	1	FITTING, lubricating, 90°, 1/8" NPT

(Continued)

STEERING GEAR AND LINKAGE GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
21	3001621	1	PIN, locking, pivot
	900806	1	PIN, cotter, 1/8" x 1"
22	3031685	1	STUD ASSEMBLY, ball (Includes 1 NUT 914029 and 1 BOOT 3033857)
	914029	1	NUT, slotted 7/8" NF
	904002	1	PIN, cotter, 1/8" x 2"
23	3010489	1	PIN, pivot, steering arm
24	3022954	1	LINK ASSEMBLY, drag, cylinder to steering gear (See page 147 for parts)
	914465	1	FITTING, lubricating, straight, 1/8" NPT



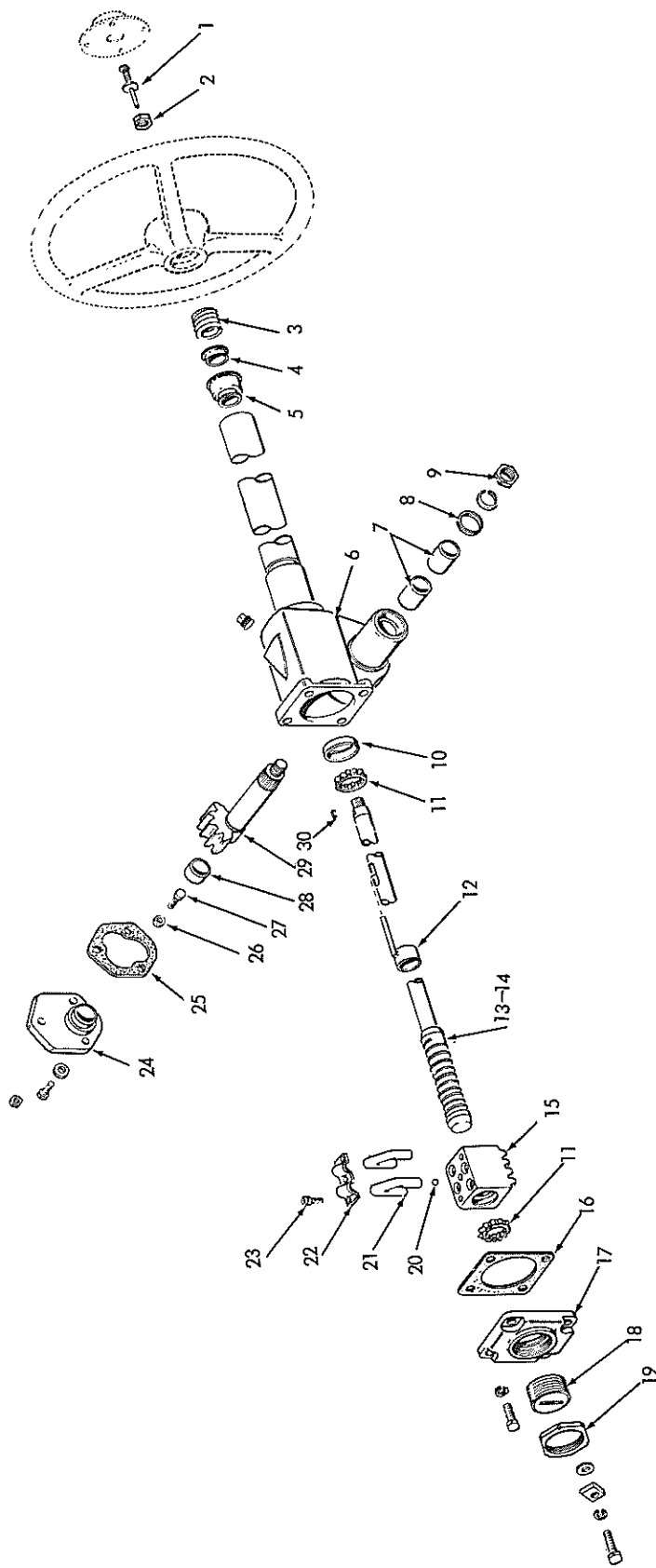
DRAG LINK ASSEMBLY 3022954

T-34470

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: See page 146 for listing of complete Assembly.

1	3005219	1	PLUG, retaining, bearing
2	3005220	2	BEARING, socket, drag link
3	3005221	1	SPRING, drag link
4	3017076	1	SPACER, limit, drag link
5	3005223	1	SEAT, drag link
6	-----	1	LINK, drag (Not serviced, order 3022954)
7	3016823	1	CLAMP, locking, actuator socket
	916420	1	CAPSCREW, 1/2" NF x 2-1/4"
	904208	1	LOCKWASHER, 1/2"
	911043	1	NUT, 1/2" NF
8	3016818	1	SOCKET, actuator



T-32521

STEERING GEAR ASSEMBLY 3006587

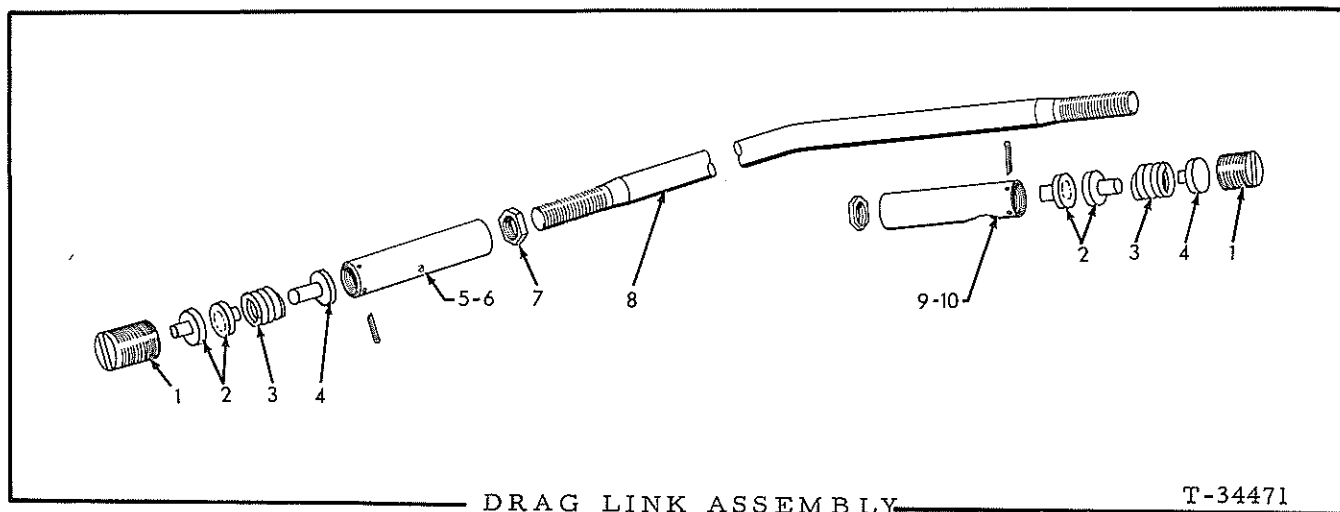
STEERING GEAR ASSEMBLY 3006587

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 145 for listing of complete Assembly.			
1	3006601	1	TERMINAL, horn
2	3006584	1	NUT, steering wheel
3	3006582	1	SPRING, steering wheel
4	3006581	1	SEAT, spring
5	3006580	1	BEARING, steering wheel
6	3006578	1	HOUSING ASSEMBLY, steering gear (Includes items 7 and 10)
	905261	1	PLUG, pipe, 3/8" NPT
7	3006614	2	BUSHING, steering gear housing
8	3006585	1	SEAL, pitman arm
9	3003904	1	NUT, pitman arm
	904369	1	LOCKWASHER, 3/4"
10	3006613	1	CUP, bearing
11	3006575	2	BEARING, worm thrust
12	3006600	1	CONTACT, horn cable
13	3006579	1	SHAFT ASSEMBLY, steering (Includes items 1, 12, 14, 15, 20 thru 23 and 1 BEARING 3006575)
14	-----	1	SHAFT (Not serviced, order 3006579)
15	-----	1	NUT, shaft, worm (Not serviced, order 3006579)
16	3006577	1	GASKET, end cover
17	3006576	1	COVER, end, steering gear
	919228	4	CAPSCREW, 7/16" NC x 1-1/8"
	904207	4	LOCKWASHER, 7/16"
18	3006573	1	ADJUSTER, worm bearing
19	3006574	1	NUT, locking, worm bearing adjusting
20	3006597	106	BALL, steering worm
21	3006598	2	GUIDE, ball return
22	3006599	1	CLAMP, guide, ball return
23	3003933	3	SCREW AND WASHER ASSEMBLY
24	3003882	1	COVER ASSEMBLY (Includes item 28) (Serviced only as a unit)
	915408	3	CAPSCREW, 3/8" NC x 3/4"
	904206	3	LOCKWASHER, 3/8"
25	3003901	1	GASKET, cover

(Continued)

STEERING GEAR ASSEMBLY 3006587 (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	3003883	-	SHIM, lash adjuster (.063" thick. Use as req'd.)
	3003884	-	SHIM, lash adjuster (.065" thick. Use as req'd.)
	3003885	-	SHIM, lash adjuster (.067" thick. Use as req'd.)
	3003886	-	SHIM, lash adjuster (.069" thick. Use as req'd.)
27	3003896	1	ADJUSTER, lash
	910876	1	NUT, jam, 7/16" NF
28	-----	1	BUSHING, end cover (Not serviced, order 3003882)
29	3006586	1	GEAR, pitman
30	3006583	1	KEY, locking, steering wheel



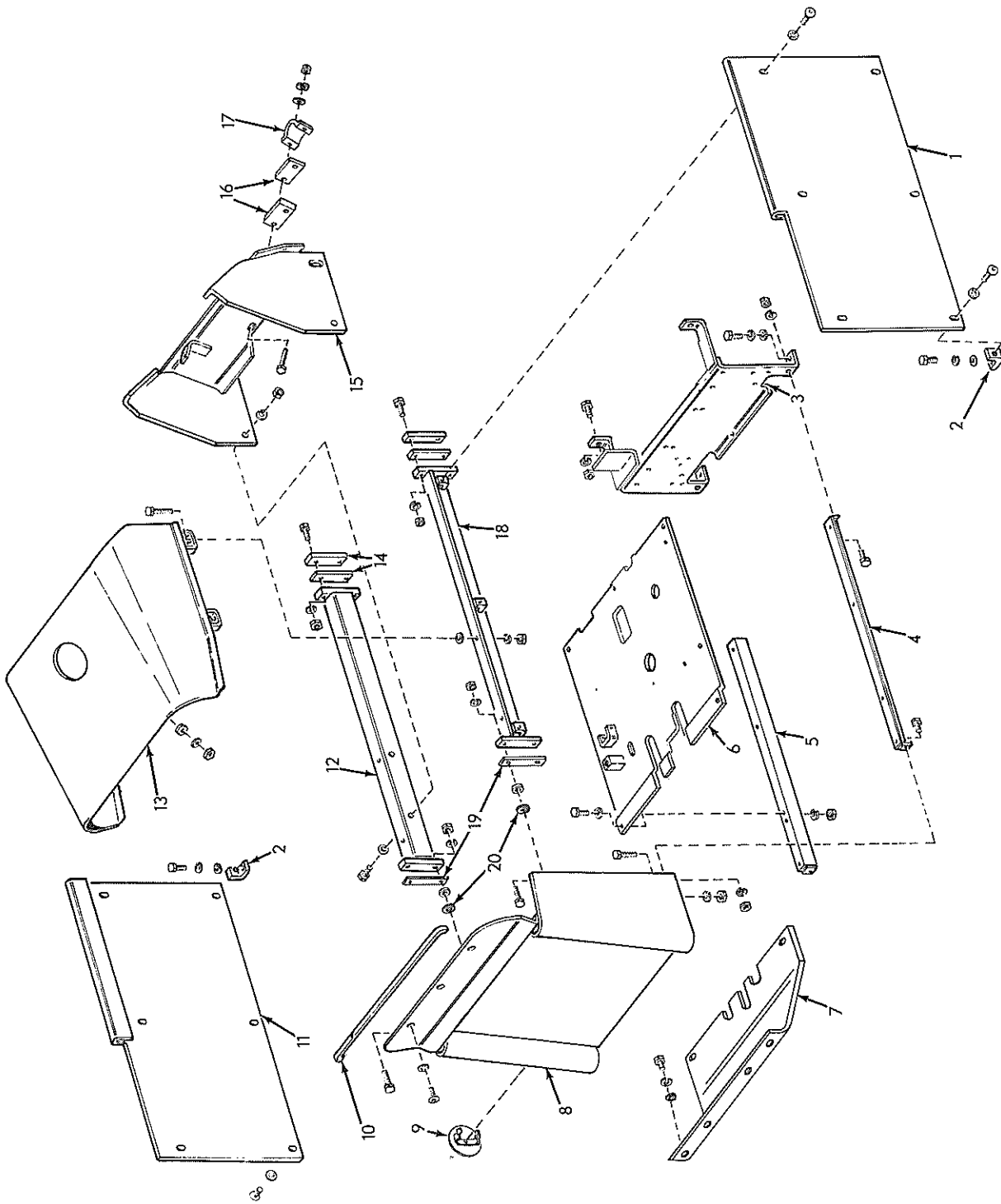
DRAG LINK ASSEMBLY

T-34471

USAGE: * 3026660-Used prior to loader serial #266, excluding 255,260, 261 and 264
 ** 3031441-Effective with loader serial #266, including 255,260,261 and 264

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	NOTE: See page 145 for listing of complete Assembly.
1	3021811	2 2	PLUG, retaining, bearing
2	3021812	4 4	BEARING, socket, drag link
3	3021813	2 2	SPRING, drag link
4	3021814	2 2	BUMPER, limit, drag link
5	3020518	1 1	SOCKET ASSEMBLY, drag link (Includes items 1 thru 4,
	910910	1 1	6 and 1 PIN 910910)
			PIN, cotter, 7/32" x 3"
6	-----	1 1	SOCKET, drag link (Not serviced, order 3020518)
7	911207	2 2	NUT, jam, 1-1/2" NF
8	{ 3026661	1 -	ROD, tie
	{ 3031342	- 1	ROD, tie
9	3020519	1 1	SOCKET ASSEMBLY, drag link (Includes items 1 thru 4,
	910910	1 1	10 and 1 PIN 910910)
			PIN, cotter, 7/32" x 3"
10	-----	1 1	SOCKET, drag link (Not serviced, order 3020519)

COWL, FLOOR PLATES AND SIDE PANELS



COWL, FLOOR PLATES AND SIDE PANELS

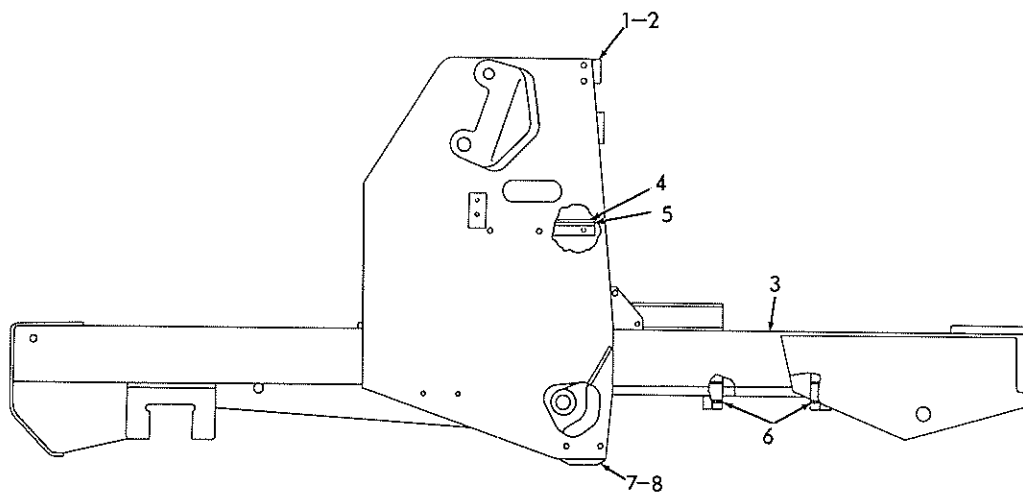
ITEM	PART NO.	QTY.	DESCRIPTION
1	3022679	1	PLATE, left side
	916225	6	CAPSCREW, 3/8" NF x 1"
	906960	6	LOCKWASHER, internal tooth, 3/8"
	911115	6	WASHER, plain, SAE std., 3/8"
2	3028828	6	BRACKET
	916225	6	CAPSCREW, 3/8" NF x 1"
	904206	6	LOCKWASHER, 3/8"
	911115	6	WASHER, plain, SAE std., 3/8"
3	3023372	1	PLATE, support
	913105	2	CAPSCREW, 1/2" NF x 1-1/2" (Top)
	914875	2	CAPSCREW, 1/2" NF x 1" (Bottom)
	910244	2	WASHER, plain, SAE std., 1/2" (Bottom)
	904208	4	LOCKWASHER, 1/2"
	911043	2	NUT, 1/2" NF
4	3020579	1	SUPPORT, floor plate, left
	916225	1	CAPSCREW, 3/8" NF x 1" (rear)
	915228	1	CAPSCREW, 3/8" NF x 1-1/4" (front)
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
5	3020580	1	SUPPORT, floor plate, right
	916225	1	CAPSCREW, 3/8" NF x 1" (rear)
	915228	1	CAPSCREW, 3/8" NF x 1-1/4" (front)
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
6	3022699	1	PLATE, floor, rear
	916225	7	CAPSCREW, 3/8" NF x 1"
	911115	7	WASHER, plain SAE std., 3/8"
	904206	7	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
	3024244	1	WALK, safety
7	3022681	1	PLATE, floor, front
	916225	4	CAPSCREW, 3/8" NF x 1"
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	911115	6	WASHER, plain, SAE Std., 3/8"
	904206	6	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
8	3026106	1	SHELL, cowl support
	913249	5	CAPSCREW, 1/2" NF x 1-1/4"
	904208	5	LOCKWASHER, 1/2"
	911043	5	NUT, 1/2" NF
9	3024079	1	COVER, access, fuel tank
10	-----	2	STRIP, rubber (42" of part No. 3035068)(See note)
11	3022680	1	PLATE, right side
	916225	6	CAPSCREW, 3/8" NF x 1"
	906960	6	LOCKWASHER, 3/8"
	911115	6	WASHER, plain, SAE std., 3/8"

(Continued)

COWL, FLOOR PLATES AND SIDE PANELS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	3022696	1	BRACE, side panel, right
	913105	2	CAPSCREW, 1/2" NF x 1-1/2"(front)
	916028	2	CAPSCREW, 1/2" NF x 1-3/4"(rear)
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
13	3022815	1	COWL
	916225	2	CAPSCREW, 3/8" NF x 1"(front)
	916383	4	CAPSCREW, 3/8" NF x 1-1/2"(cowl to brace)
	906960	2	LOCKWASHER, internal tooth 3/8"
	911115	6	WASHER, plain, SAE std., 3/8"
	904206	4	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
14	3020476	-	SHIM (.0312" thick. Use as required)
	3022139	-	SHIM (.1345" thick. Use as required)
15	3022812	1	BRACE, cowl
	913249	4	CAPSCREW, 1/2" NF x 1-1/4"
	910244	2	WASHER, plain, SAE std. 1/2" (rear holes)
	914208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
16	3003878	-	SHIM (1/8" thick. Use as required)
17	3006287	1	CLAMP, steering column
	915480	2	CAPSCREW, 3/8" NF x 1-3/4"
	904206	2	LOCKWASHER, 3/8"
	911115	2	WASHER, plain, SAE std., 3/8"
	911041	2	NUT, 3/8" NF
18	3022695	1	BRACE, side panel, left
	913105	2	CAPSCREW, 1/2" NF x 1-1/2" (front)
	916028	2	CAPSCREW, 1/2" NF x 1-3/4". (rear)
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
19	3025631	-	SHIM (.020" thick. Use as required)
20	3001348	-	WASHER, shim (1/32" thick. Use as required)

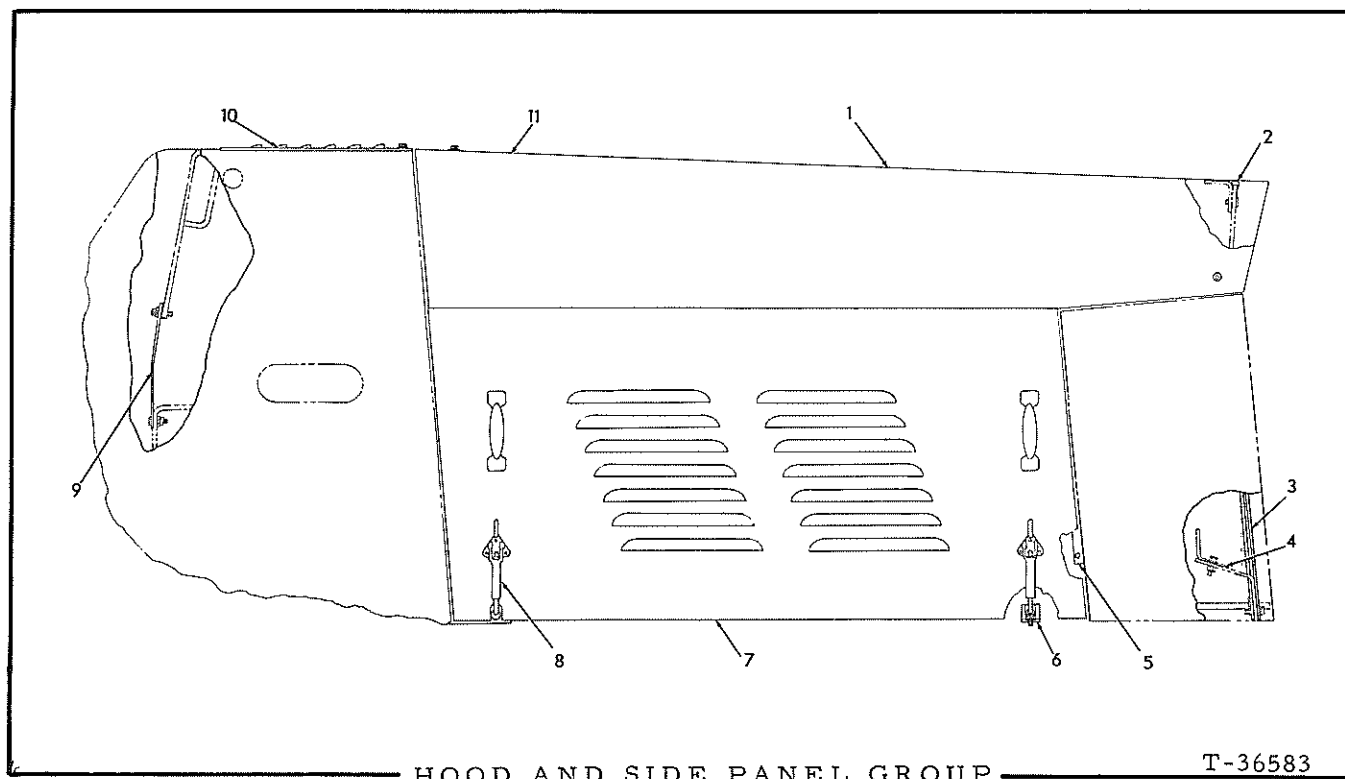
NOTE: The factory will furnish 25 foot rolls of rubber strip. Dealer will furnish cut length or 25 foot length.



MAIN FRAME

T-36584

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023030	1	BRACE, supporting (top)
	915228	4	CAPSCREW, 3/8" NF x 1-1/4"
	904206	4	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
2	3023027	-	SHIM (.0598" thick. Use as required)
3	3026840	1	FRAME ASSEMBLY, main (Includes item #6)
4	3022893	1	PLATE, supporting
	916406	6	CAPSCREW, 5/8" NF x 1-3/4"
	904209	6	LOCKWASHER, 5/8"
	911044	6	NUT, 5/8" NF
5	3023033	-	SHIM (.0598" thick. Use as required)
6	3022231	2	BUSHING, axle support
7	3024038	1	STABLIZER, main frame
	916330	4	CAPSCREW, 3/4" NF x 2"
	904369	4	LOCKWASHER, 3/4"
	911045	4	NUT, 3/4" NF
8	3024039	-	SHIM (.0598" thick. Use as required)

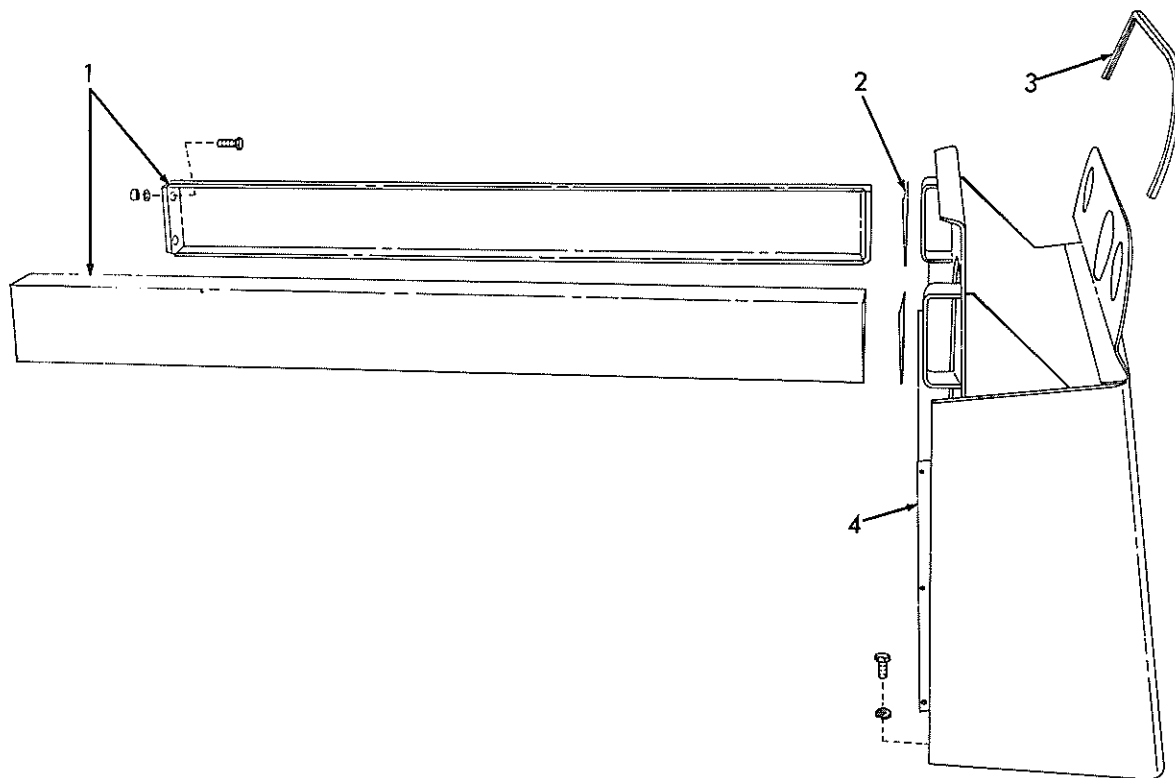


ITEM	PART NO.	QTY.	DESCRIPTION
1	3026051	1	HOOD, engine (Used prior to loader serial #555)
	3036322	1	HOOD, engine (Effective with loader serial #555)
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	916383	4	CAPSCREW, 3/8" NF x 1-1/2"
	904206	1	LOCKWASHER, 3/8"
	911115	9	WASHER, plain, SAE std., 3/8"
	913528	4	NUT, safety, 3/8" NF
2	-----	1	STRIP (rubber) (See RADIATOR SUPPORT GROUP)
3	3023937	1	GRILL, radiator
	915228	6	CAPSCREW, 3/8" NF x 1-1/4"
	904206	6	LOCKWASHER, 3/8"
	911115	6	WASHER, plain, SAE std., 3/8"
4	3026079	1	PLATE
	916225	3	CAPSCREW, 3/8" NF x 1"
	911115	3	WASHER, plain, SAE std., 3/8"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8" NF
5	3021584	8	GROMMET, side panel (bumper type)
6	3021383	2	ANGLE, side panel
	916225	1	CAPSCREW, 3/8" NF x 1" (left side)
	916381	1	CAPSCREW, 3/8" NF x 3/4" (right side)
	904206	2	LOCKWASHER, 3/8"
7	3023875	1	PANEL ASSEMBLY, left side (Includes item 8)
	3023876	1	PANEL ASSEMBLY, right side (Includes item 8)

(Continued)

HOOD AND SIDE PANEL GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	3010478	4	FASTENERS, side panel
	900764	12	RIVET, 3/16" x 1/2"
9	3023771	1	PLATE, deflector
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	916225	2	CAPSCREW, 3/8" NF x 1"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
10	3023135	1	COVER, hydraulic tank
	916381	4	CAPSCREW, 3/8" NF x 3/4"
	904206	4	LOCKWASHER, 3/8"
	911115	4	WASHER, plain, SAE std., 3/8"
11	3041775	1	COVER, battery
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	LOCKWASHER, 3/8"
	911115	2	WASHER, plain, SAE std., 3/8"

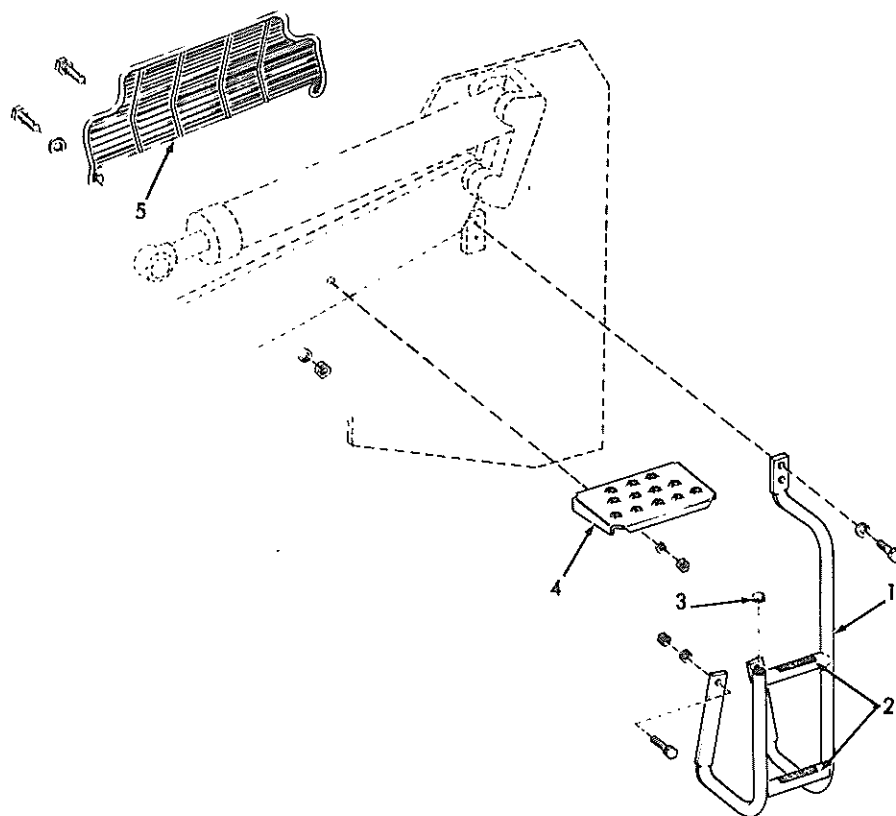


RADIATOR SUPPORT

T-34394

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023961	1	BRACE, left radiator support
	3023962	1	BRACE, right, radiator support
	916028	12	CAPSCREW, 1/2" NF x 1-3/4"
	904208	12	LOCKWASHER, 1/2"
	911043	12	NUT, 1/2" NF
2	3023355	-	SHIM, radiator brace (1/16" thick. Use as required)
3	-----	-	STRIP (rubber) hood vibration protector (46" of part No. 3035068) (See note.)
4	3031060	1	SUPPORT, radiator
	916405	4	CAPSCREW, 5/8" NF x 1-1/2"
	904209	4	LOCKWASHER, 5/8"

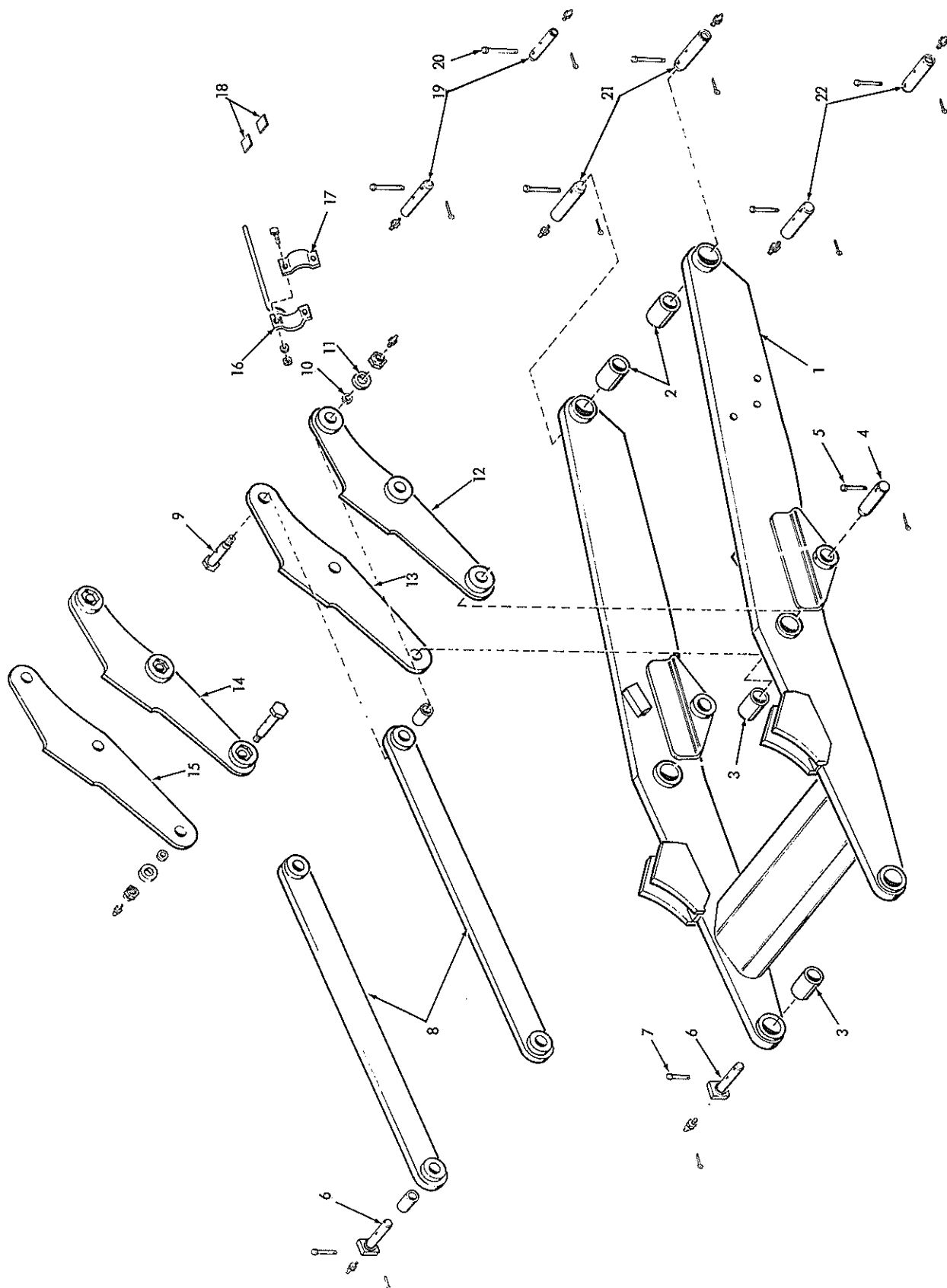
NOTE: The factory will furnish 25 foot rolls of rubber strip. Dealer will furnish cut length or 25 foot rolls.



LADDER AND GUARD GROUP

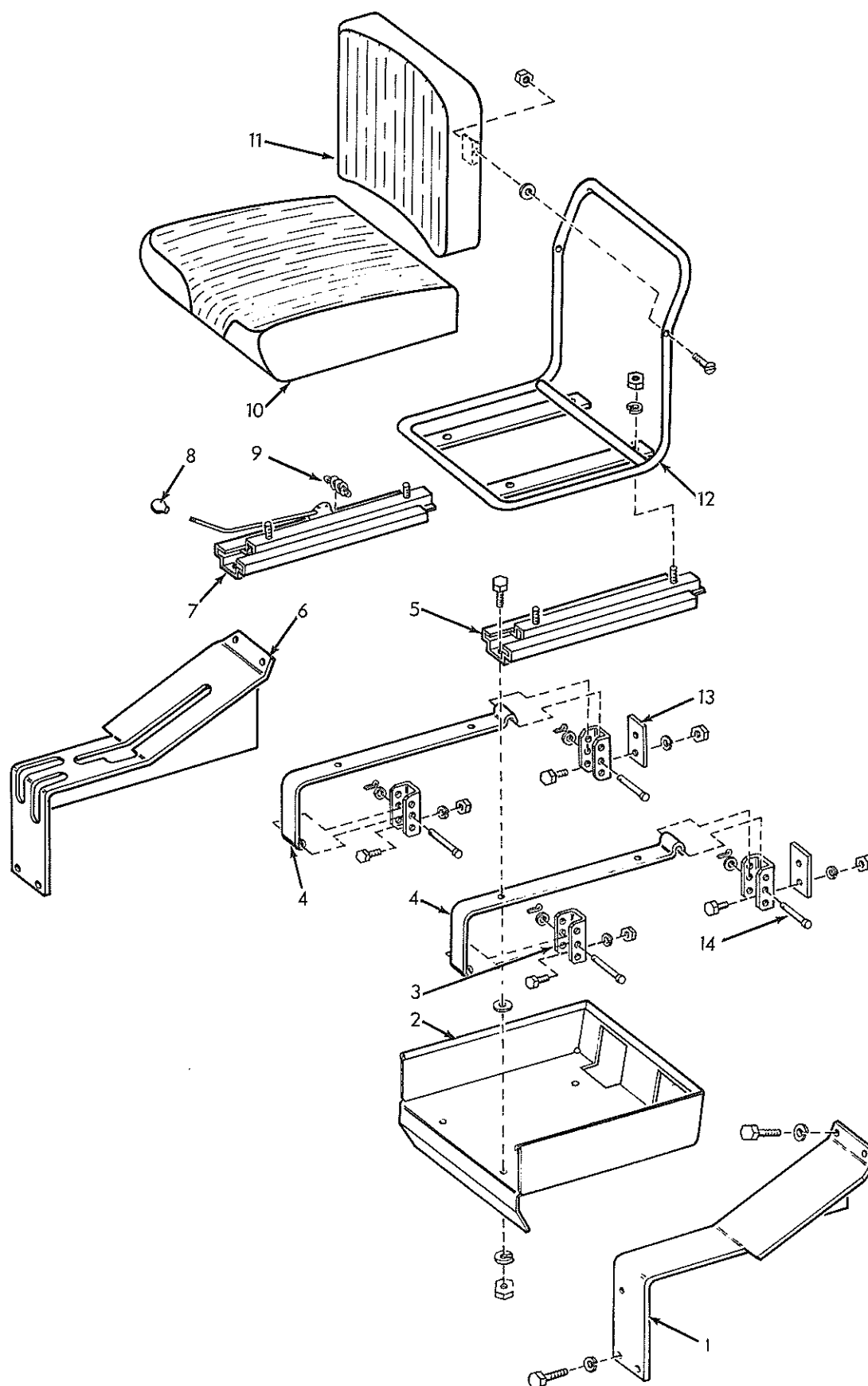
T-36585

ITEM	PART NO.	QTY.	DESCRIPTION
1	3022445	1	LADDER
	916406	2	CAPSCREW, 5/8" NF x 1-3/4"
	915501	2	CAPSCREW, 5/8" NF x 1"
	904209	4	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8" NF
2	3024243	2	WALK, safety
3	3018663	1	PLUG, button
4	3022540	1	STEP
	916422	3	CAPSCREW, 1/2" NF x 2-3/4"
	904208	3	LOCKWASHER, 1/2"
	911043	3	NUT, 1/2" NF
5	3031602	2	GUARD, boom
	916423	4	CAPSCREW, 1/2" NF x 3"
	910244	4	WASHER, plain, SAE std., 1/2"
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF



LINKAGE GROUP

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023696	1	BOOM ASSEMBLY (Includes item 2 and 4 BUSHING 3022615)
2	3022617	2	BUSHING, boom, upper
3	3022615	8	BUSHING, boom and link
4	3001625	2	PIN, pivot, front, lift cylinder
5	3001622	2	PIN, pivot lock
	900806	2	PIN, cotter, 1/8" x 1"
6	3020114	4	PIN, pivot, link and boom
	914465	4	FITTING, lubricating, straight, 1/8" NPT
7	3020131	6	PIN, pivot, lock
	900806	6	PIN, cotter, 1/8" x 1"
8	3022644	2	LINK ASSEMBLY, dump (Includes 2 BUSHING 3022615)
9	3022865	6	PIN, pivot, cross link
10	3022594	-	SHIM (.0359" thick. Use as required)
11	3024182	6	WASHER
	921140	6	NUT, safety, 1-1/4" NF
	914465	6	FITTING, lubricating, straight 1/8" NPT
12	3022601	1	LINK, cross, outer, left side
13	3022603	1	LINK, cross, inner, left side
14	3022604	1	LINK, cross, inner, right side
15	3022602	1	LINK, cross, outer, right side
16	3022763	1	INDICATOR, bucket level rod
17	3022762	1	CLAMP (half) bucket level rod
	916225	2	CAPSCREW, 3/8" NF x 1"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8" NF
18	-----	2	TAPE, bucket level indicator (Procure locally)
19	3022597	2	PIN, pivot, rear, dump cylinder
	914465	2	FITTING, lubricating, straight, 1/8" NPT
20	3022643	4	PIN, pivot lock
	900806	4	PIN, cotter, 1/8" x 1"
21	3022596	2	PIN, pivot, upper, boom assembly
	914465	2	FITTING, lubricating, straight, 1/8" NPT
22	3022598	2	PIN, pivot, rear lift cylinder
	914465	2	FITTING, lubricating, straight, 1/8" NPT

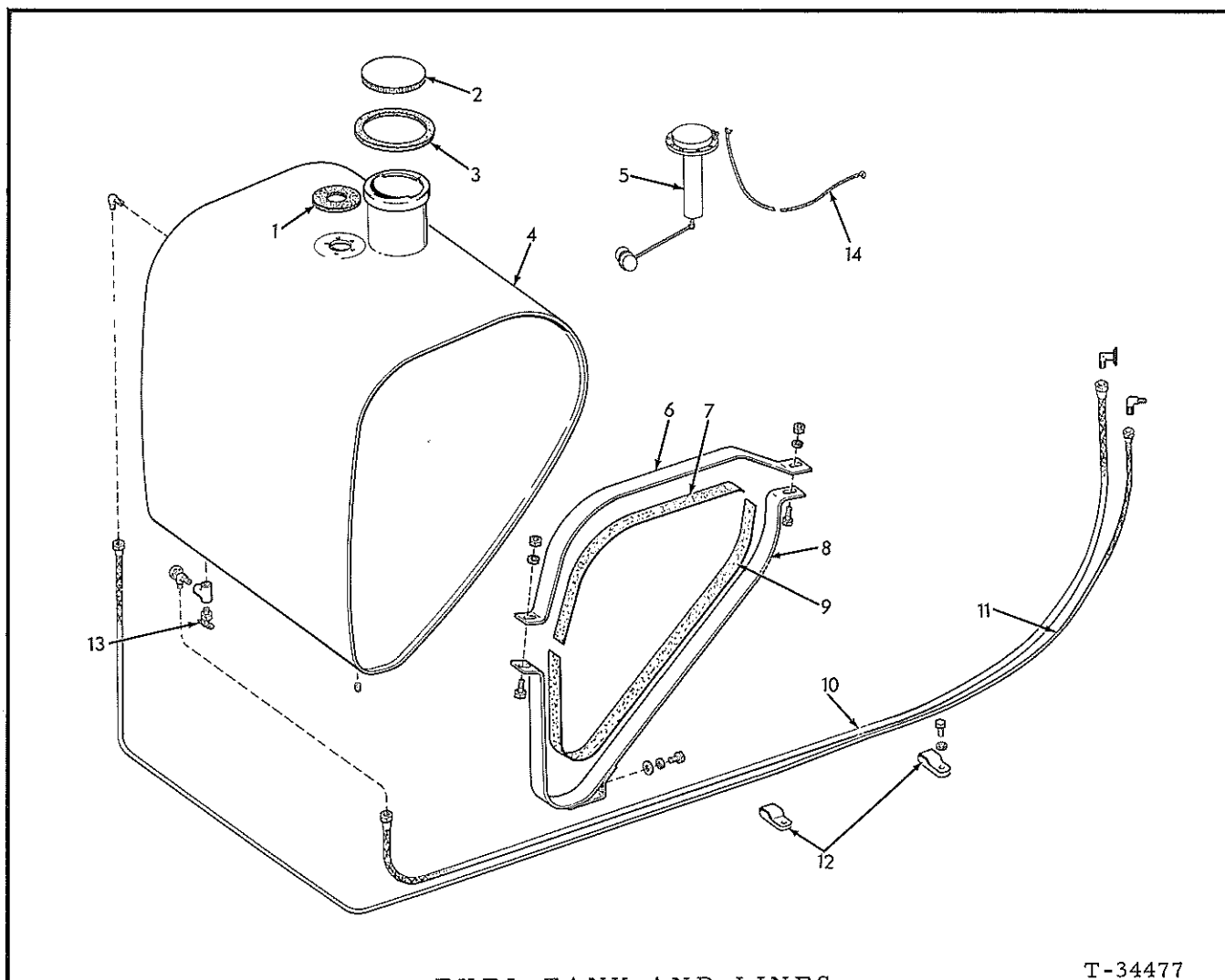


SEAT GROUP

T-32537

SEAT GROUP

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023911	1	PLATE
	916225	4	CAPSCREW, 3/8" NF x 1"
	904206	4	LOCKWASHER, 3/8"
2	3025461	1	BAFFLE, seat support
3	3022819	4	BRACKET, seat adjusting
	916225	8	CAPSCREW, 3/8" NF x 1"
	904206	8	LOCKWASHER, 3/8"
	911041	8	NUT, 3/8" NF
4	3023483	2	SPRING, seat adjusting
-	3027990	1	SEAT ASSEMBLY (Includes items 5, 7, and 9 thru 12)
5	3021815	1	TRACK ASSEMBLY, seat
	920622	2	CAPSCREW, 5/16" NF x 1"
	910335	6	WASHER, plain, SAE std., 5/16"
	904205	2	LOCKWASHER, 5/16"
	913636	2	NUT, 5/16" NF
6	3023909	1	PLATE
	916225	4	CAPSCREW, 3/8" NF x 1"
	904206	4	LOCKWASHER, 3/8"
7	3021816	1	TRACK ASSEMBLY, seat (with adjusting arm)
	920622	2	CAPSCREW, 5/16" NF x 1"
	910335	6	WASHER, plain, SAE std., 5/16"
	904205	2	LOCKWASHER, 5/16"
	913636	2	NUT, 5/16" NF
8	3008130	1	KNOB, adjusting arm
9	3021817	1	SPRING, return, adjusting arm
10	3027989	1	CUSHION, seat
11	3027987	1	CUSHION, back
	914113	2	SCREW, flat-hd., 1/4" NF x 1-1/2"
	900816	2	WASHER, plain, US Std., 1/4"
	911040	2	NUT, 1/4" NF
12	3027993	1	FRAME, seat
	904205	4	LOCKWASHER, 5/16"
	913636	4	NUT, 5/16" NF
13	3025501	-	SHIM (.0598" thick. Use as required)
14	3001621	4	PIN, seat adjusting spring
	912298	4	WASHER, plain, SAE std., 7/16"
	900806	4	PIN, cotter, 1/8" x 1"



FUEL TANK AND LINES

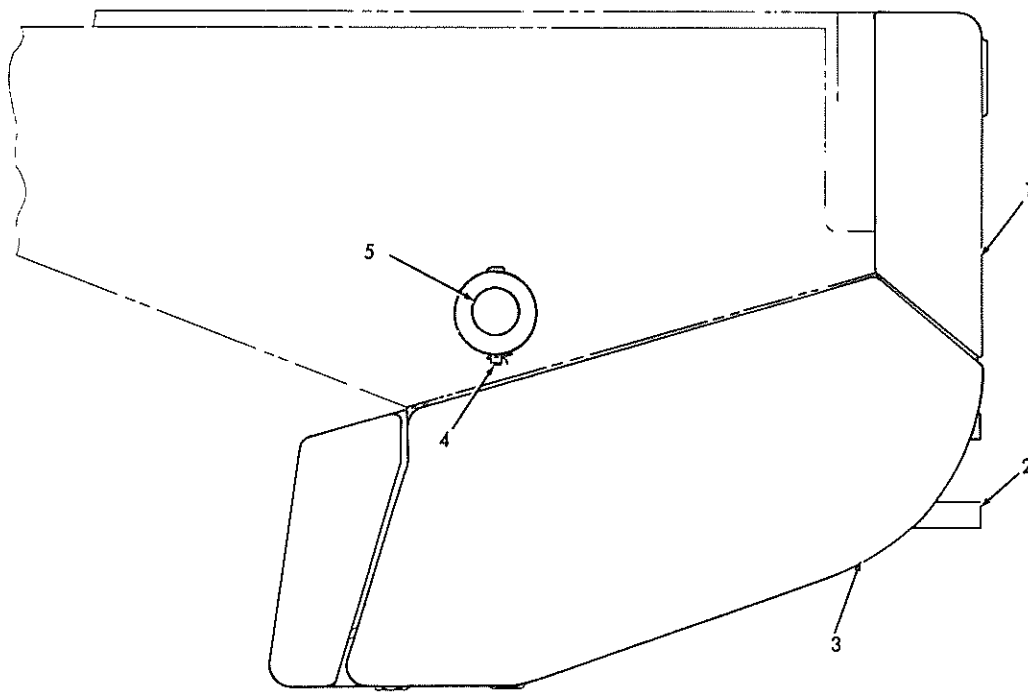
T-34477

ITEM	PART NO.	QTY.	DESCRIPTION
1	3020293	1	GASKET, fuel gauge unit
2	3003530	1	CAP, fuel tank
3	3034799	1	GROMMET, fuel tank, vibration
4	3024123	1	TANK, fuel (Includes item 2)
	901653	1	PLUG, pipe, 3/8" NPT
5	3018626	1	UNIT, fuel tank
	900558	5	SCREW, machine, #10 NF x 1/2"
	906957	5	LOCKWASHER, internal tooth, #10
6	3024051	2	STRAP, fuel tank supporting (top)
7	3011860	2	STRIP, packing, fuel tank (top)

(Continued)

FUEL TANK AND LINES (Continued)

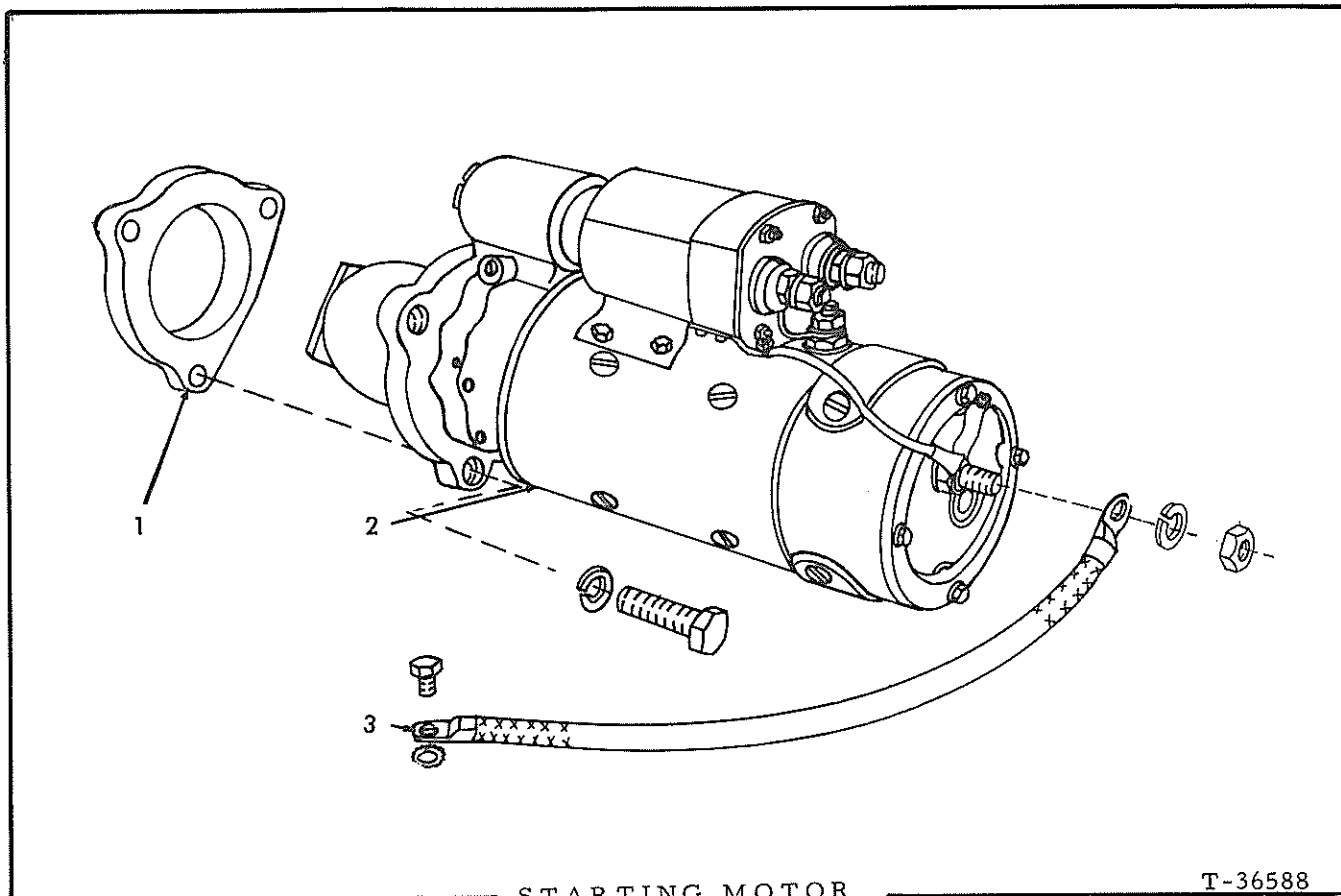
ITEM	PART NO.	QTY.	DESCRIPTION
8	3024068	2	STRAP, fuel tank supporting (bottom)
	915228	4	CAPSCREW, 3/8" NF x 1-1/4"
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	911115	2	WASHER, plain, SAE std., 3/8"
	904206	6	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
9	3024053	2	STRIP, packing, fuel tank (bottom)
10	3024043	1	HOSE ASSEMBLY, fuel return (See page 6 for parts)
	917750	1	ELBOW, 90°, 3/8" tube, 3/8" NPT
	910161	1	ELBOW, 90°, flare type, 1/4" tube, 1/8" NPT
11	3041980	1	HOSE ASSEMBLY, tank to filter (See page 6 for parts)
	917028	1	ELBOW, 90°, 1/4" tube, 1/4" NPT
12	3023450	2	CLIP, hose supporting (for fasteners see COWL AND FLOOR PLATES)
13	3024067	1	COCK, fuel shut-off
	913938	1	TEE, 1/4" NPT
	912415	1	COCK, drain, 1/4" NPT



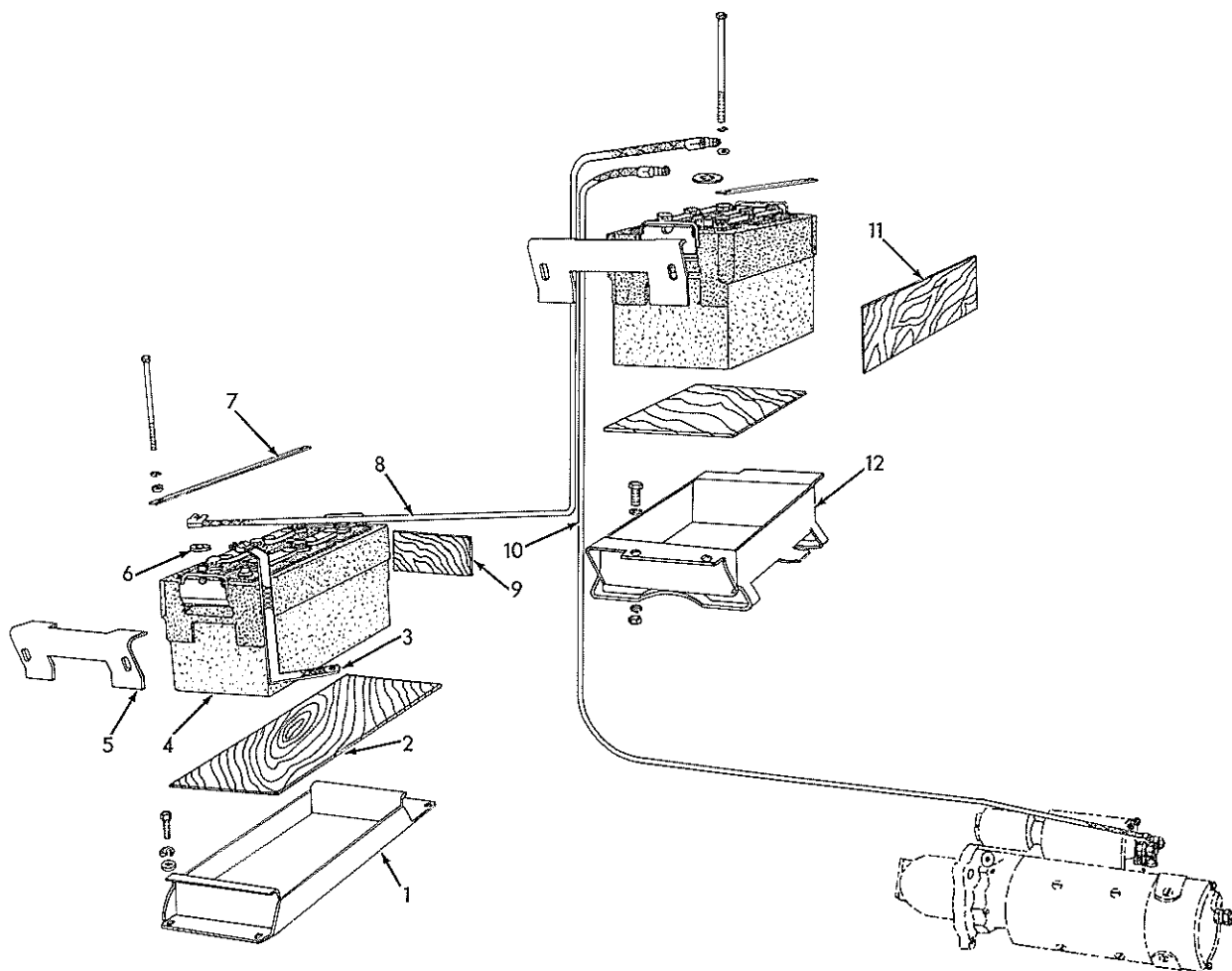
DRAWBAR AND COUNTERWEIGHT GROUP

T-34476

ITEM	PART NO.	QTY.	DESCRIPTION
1	3029756	1	COUNTERWEIGHT, upper
	916416	2	CAPSCREW, 5/8" NF x 7"
	911100	2	WASHER, plain, SAE std., 5/8"
	904209	2	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8" NF
	916380	2	CAPSCREW, 1" NF x 5"
	910916	2	LOCKWASHER, 1"
2	3026661	1	DRAWBAR
3	3022926	1	COUNTERWEIGHT, lower
	920629	2	CAPSCREW, 3/4" NF x 7-1/2"
	3002532	2	WASHER
	3016353	2	NUT, safety, 3/4" NF
4	3001622	2	PIN, locking, drawbar
	900806	2	PIN, cotter, 1/8" x 1"
5	3026937	2	PIN, drawbar



ITEM	PART NO.	QTY.	DESCRIPTION
1	4348140	1	ADAPTER, starting motor
2	3020793	1	MOTOR, starting (Delco-Remy No. 1113708)
			(Order parts from local United Motors Service agency)
	915963	3	CAPSCREW, 5/8" NC x 2-1/4"
	904209	3	LOCKWASHER, 5/8"
3	3026390	1	CABLE, starter ground
	906960	1	LOCKWASHER, internal tooth, 3/8"
	906961	1	LOCKWASHER, internal tooth, 1/2"



BATTERY AND SUPPORT GROUP

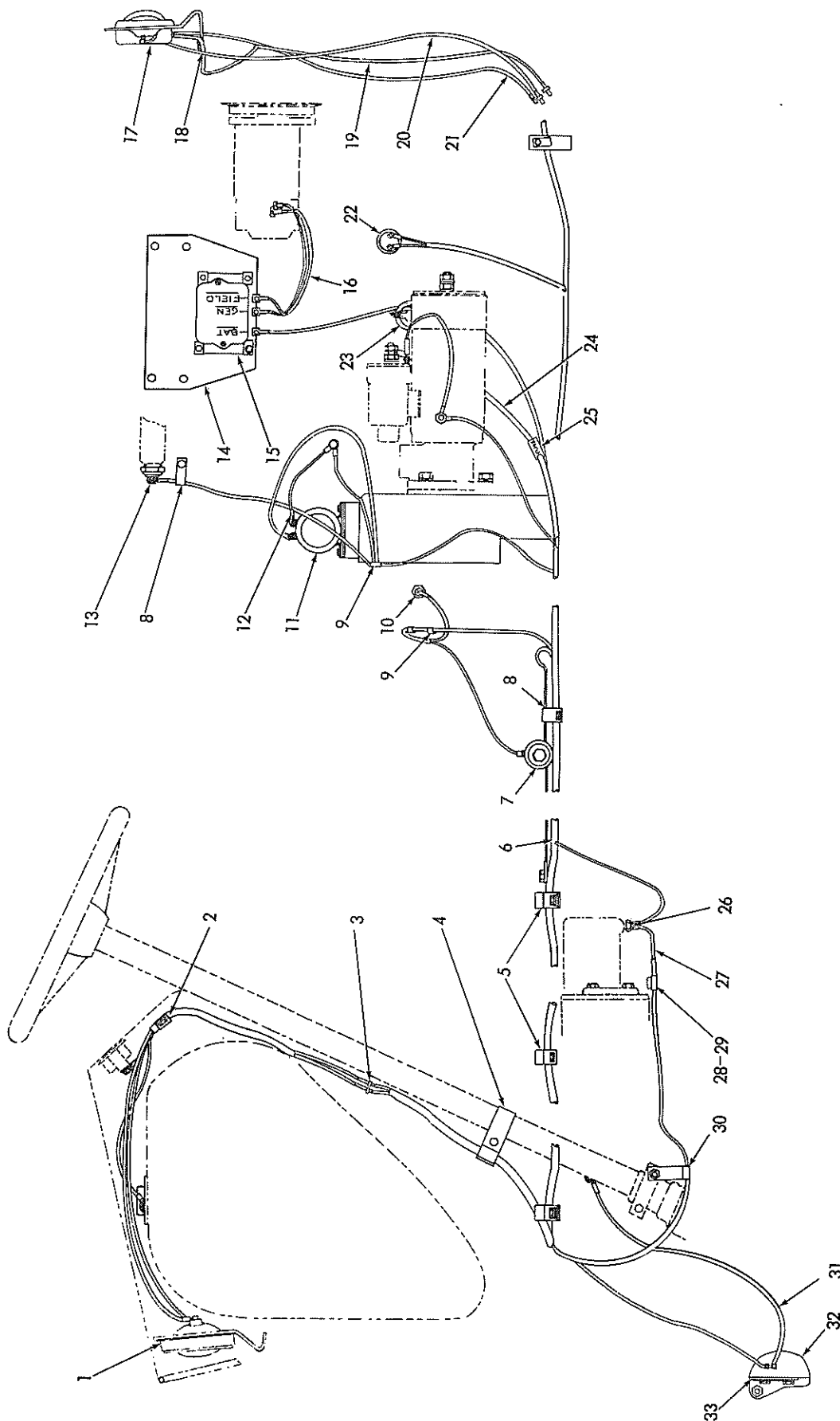
T-36586

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023681	1	SUPPORT, battery
	914875	3	CAPSCREW, 1/2" NF x 1"
	913249	1	CAPSCREW, 1/2" NF x 1-1/4"
	906961	1	LOCKWASHER, internal tooth, 1/2"
	904208	3	LOCKWASHER, 1/2"
	910244	4	WASHER, plain, SAE std., 1/2"
2	3022880	2	INSULATOR, 9" x 20" x 1/8" (Obtain locally)
3	3020734	1	STRAP, battery ground
	910210	1	LOCKWASHER, external tooth, 1/2"
4	-----	2	BATTERY, 12 volt, 168 amp. hour, 21 plate (Auto-Lite #6D-168 or Exide Hycap-4D) (Obtain locally)

(Continued)

BATTERY AND SUPPORT GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	3025630	4	HOLD-DOWN battery
	920618	8	CAPSCREW, 3/8" NF x 6-1/2"
	904206	8	LOCKWASHER, 3/8"
	911115	8	WASHER, plain, SAE std., 3/8"
6	3008046	4	WASHER, felt
7	3022883	4	BAR, battery hold
8	3026303	1	CABLE, battery
9	-----	4	INSULATOR, 4" x 9" x 1/8" (Obtain locally)
10	3018629	1	CABLE, battery
11	3022879	4	INSULATOR, 5-3/8" x 19-3/4" x 1/8" (Obtain locally) (Use with Auto-Lite)
	-----	4	SPACER, 4-5/8" x 19-3/4" x 1/2" (Obtain locally) (Use with Exide)
12	3024318	1	SUPPORT, battery
	913249	4	CAPSCREW, 1/2" NF x 1-1/4"
	910244	4	WASHER, plain, SAE std., 1/2"
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF



T-71705

LIGHTS AND WIRING

LIGHTS AND WIRING

ITEM	PART NO.	QTY.	DESCRIPTION
1	3037089	6	LIGHT ASSEMBLY, sealed beam (See page 180 for parts)
	3020738	2	WIRE ASSEMBLY (Includes terminals)
	3020739	1	WIRE ASSEMBLY (Includes terminals)
	3027109	18	SCREW, machine, self tapping, #8 NC x 9/16"
	917763	18	SCREW, machine, self tapping, #8 NC x 3/4"
2	3011632	1	CLIP, wiring harness
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	904206	1	LOCKWASHER, 3/8"
	912301	1	LOCKWASHER, external tooth, 3/8"
	911041	1	NUT, 3/8" NF
3	3023548	2	FUSE, 9 amp.
4	3006479	2	CLIP, wiring harness (half)
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8" NF
5	3011632	3	CLIP, wiring harness supporting (See FLOOR PLATE GROUP for fasteners)
6	3026296	1	HARNESS, wiring
7	3020771	1	SENDER, transmission oil pressure
	904273	1	NIPPLE, pipe, 1/8" NPT
	901763	1	COUPLING, pipe, 1/8" NPT
8	3013907	3	CLIP, wire supporting
9	3002529	5	CLIP, wire supporting
	911115	5	WASHER, plain, SAE std., 3/8"
10	3020768	1	SENDER, transmission temperature
11	3018642	2	WIRE ASSEMBLY (Includes terminals and sleeves) (Used prior to loader serial #555)
	3002706	1	TERMINAL
	3002701	1	SLEEVE, terminal
	3031544	1	SOLENOID (See ENGINE CONTROLS for boot) (Effective with loader serial #555)
	916400	2	CAPSCREW, 1/4" NF x 3/4"
	904204	2	LOCKWASHER, 1/4"
	911040	2	NUT, 1/4" NF
12	3021333	1	WIRE ASSEMBLY, solenoid (Effective with loader serial #555)
	906959	1	LOCKWASHER, internal tooth, 5/16"
13	3020768	1	SENDER, engine temperature
	918474	1	BUSHING, reducing, 1/4" x 1/2"
14	3025962	1	BRACKET, generator regulator mounting
	916225	4	CAPSCREW, 3/8" NF x 1"
	904206	4	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF

(Continued)

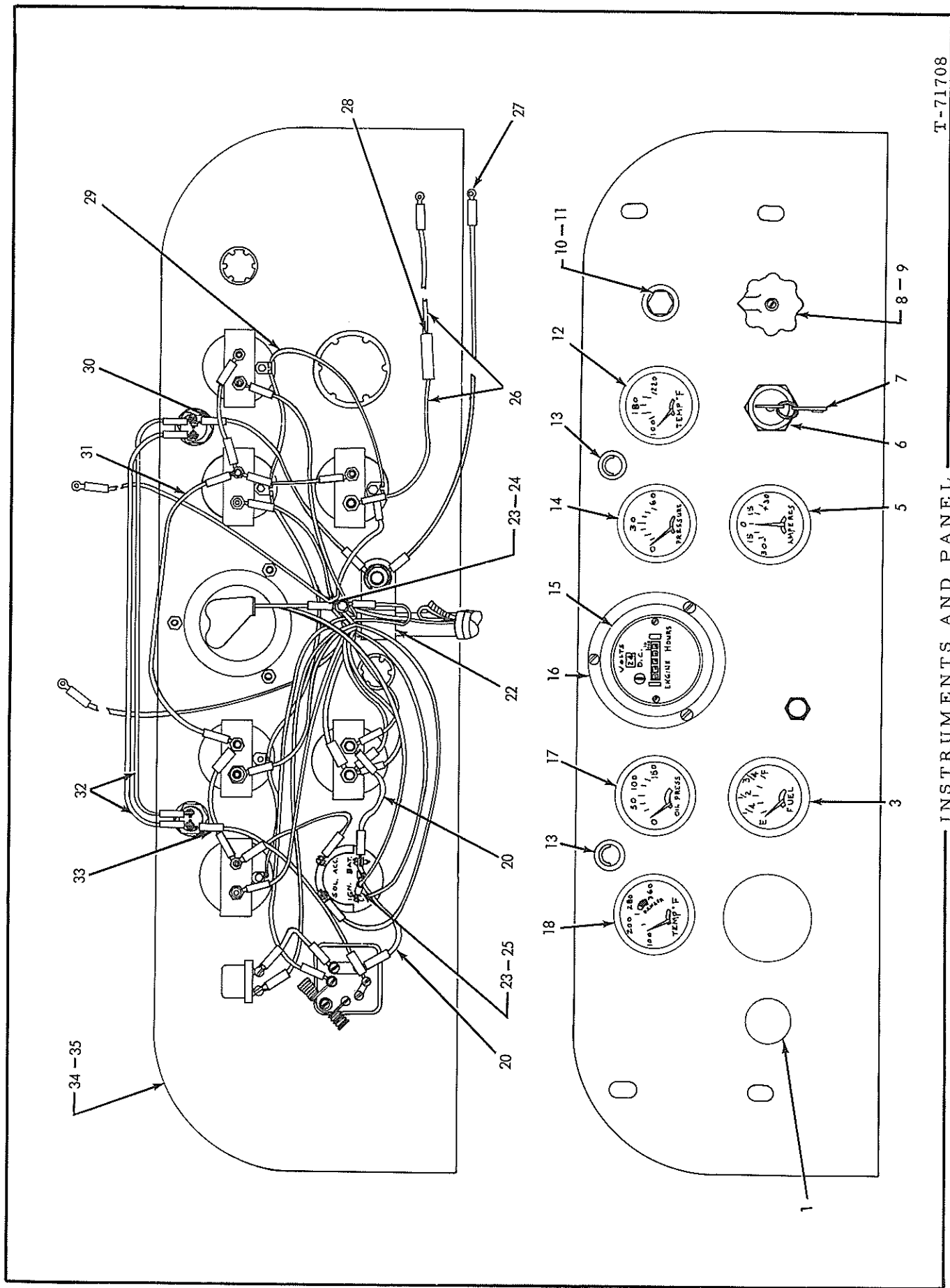
LIGHTS AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
15	3026317	1	REGULATOR, generator
	920638	4	CAPSCREW, 1/4" NF x 1-1/4"
	904204	4	LOCKWASHER, 1/4"
	911040	4	NUT, 1/4" NF
16	3018639	2	WIRE ASSEMBLY (Includes terminals)
17	3041138	1	LIGHT ASSEMBLY, tail (See page 177 for parts)
	917441	4	SCREW, machine, rd. -hd., #8 NC x 1/2"
	906964	4	LOCKWASHER, #8
	917385	4	NUT, #8 NC
18	3021850	2	SCREW, machine, self tapping, #4 NC x 1/2"
19	3021577	1	WIRE ASSEMBLY (Includes connector)
20	3018637	1	WIRE ASSEMBLY (Includes connectors)
21	3018636	1	WIRE ASSEMBLY (Includes connector)
22	3009981	1	SWITCH, engine oil pressure
	915399	1	ELBOW, street, 90°, 1/8" NPT
23	3016961	1	SENDER, engine oil pressure
24	3023545	1	WIRE ASSEMBLY (Includes terminals)
25	3024171	1	FUSE (30 amp.)
26	3021322	1	SWITCH, stop light
27	3022528	1	WIRE ASSEMBLY (Includes terminals)
28	3018968	1	BRACKET
	3021850	2	SCREW, machine, self tapping, #4 NC x 1/2"
29	3002737	1	CLIP, wire supporting
30	3006769	1	CLIP, wire supporting
31	3020740	1	WIRE ASSEMBLY (Includes terminals)
32	3041290	1	HORN ASSEMBLY (Serviced only as a unit)
	904204	2	LOCKWASHER, 1/4"
	911040	2	NUT, 1/4" NF
33	3021849	1	BRACKET ASSEMBLY (Serviced only as a unit)
	913249	1	CAPSCREW, 1/2" NF x 1-1/4"
	904208	1	LOCKWASHER, 1/2"
	911043	1	NUT, 1/2" NF

INSTRUMENTS AND PANEL

ITEM	PART NO.	QTY.	DESCRIPTION
1	922491	1	PLUG, button
3	3028419	1	GAUGE ASSEMBLY, fuel (Includes 1 STRAP 3017048 and hardware indented below)
	904203	2	LOCKWASHER, #10
	917415	2	NUT, #10 NF
	906964	2	LOCKWASHER, #8
	917385	2	NUT, #8 NC
4	922493	1	PLUG, button
5	3020761	1	AMMETER ASSEMBLY (Includes 1 STRAP 3017048 and hardware indented below)
	904203	4	LOCKWASHER, #10
	917415	4	NUT, #10 NF
6	3018651	1	SWITCH ASSEMBLY, ignition (Includes item 7 and hardware indented below)
	3037877	1	SWITCH ASSEMBLY, ignition (Includes item 7 and hardware indented below)
	3024437	1	NUT (special)
	912731	4	SCREW, #8 NC x 5/16"
7	3024438	2	KEY, ignition
8	3023646	1	SWITCH ASSEMBLY, light (Includes Item 9 and hardware indented below)
	910200	1	LOCKWASHER, 3/4", external tooth
	3024441	1	NUT (special)
	912731	8	SCREW #8 NC x 5/16", Rd. -Hd.
	906964	8	LOCKWASHER, #8
9	3023647	1	KNOB
10	3034174	1	SWITCH, light
	906960	1	LOCKWASHER, 3/8" internal tooth
	911048	1	NUT, 3/8" NF
11	3006703	1	KNOB, light switch
12	3028415	1	GAUGE ASSEMBLY, engine temperature (Includes 1 STRAP 3017048 and hardware indented below)
	904203	2	LOCKWASHER, #10
	917415	2	NUT, #10 NF
	906964	2	LOCKWASHER, #8 NC
	917385	2	NUT, #8 NC
13	3021334	2	LIGHT ASSEMBLY, panel (Includes items 37 and 38)

(Continued)



T-71708

INSTRUMENTS AND PANEL

INSTRUMENTS AND PANEL (Continued)

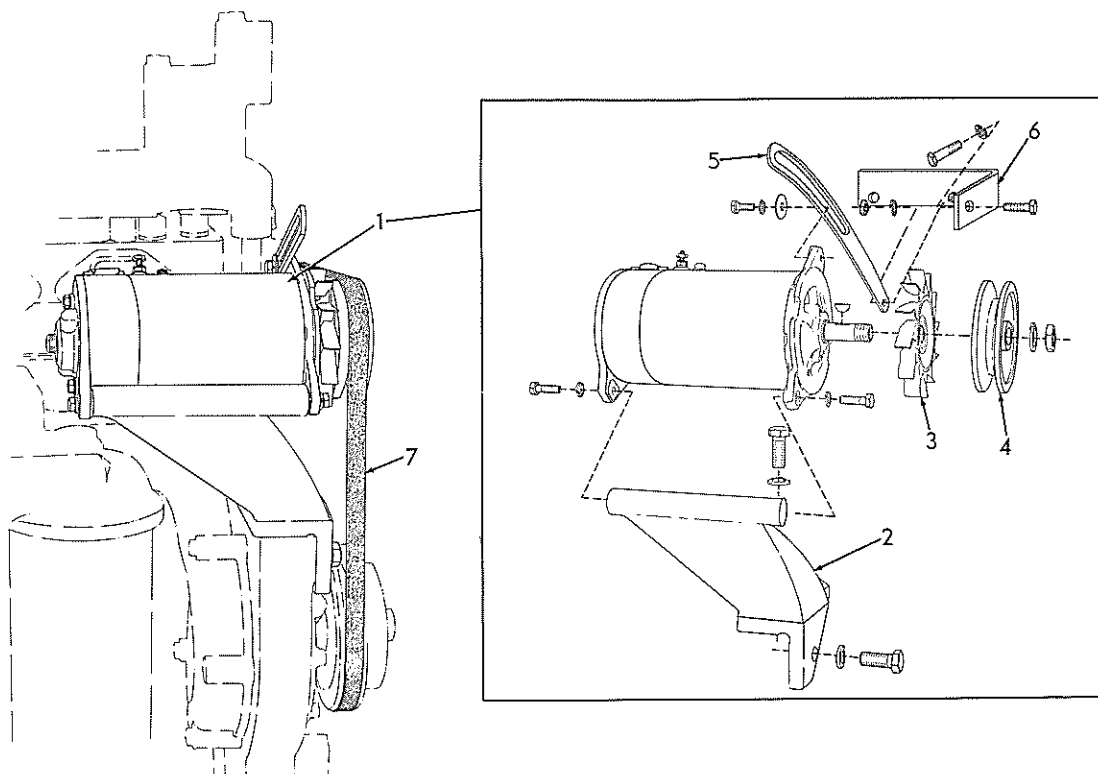
ITEM	PART NO.	QTY.	DESCRIPTION
14	3028421	1	GAUGE ASSEMBLY, engine oil pressure (Includes 1 STRAP 3017048 and hardware indented below)
	904203	2	LOCKWASHER, #10
	917415	2	NUT, #10 NF
	906964	2	LOCKWASHER, #8
	917385	2	NUT, #8 NC
15	3042812	1	METER, hour, 24 volt (Serviced only as a unit) (See note)
	903752	3	SCREW, #6 NC x 1/2"
	906963	3	LOCKWASHER, #6
	901309	3	NUT, #6 NC
NOTE: Meter carries manufacturer's warranty and in case of failure should be returned direct to John W. Hobbs Corporation, Springfield, Illinois for repairs.			
16	3019107	1	DAMPNER, hour meter vibration
	903752	3	SCREW, #6 NC x 1/2"
	906963	3	LOCKWASHER, #6
	901309	3	NUT, #6 NC
17	3028423	1	GAUGE ASSEMBLY, pressure, transmission oil (See Master Numerical Index)
18	3028417	1	GAUGE ASSEMBLY, temperature, transmission (Includes 1 STRAP 3017048 and hardware indented below)
	904203	2	LOCKWASHER, #10
	917415	2	NUT, #10 NF
	906964	2	LOCKWASHER, #8
	917385	2	NUT, #8 NC
19	92113	1	PLUG, button
20	3006622	1	WIRE ASSEMBLY (Includes TERMINALS)
22	3011632	1	CLIP, wiring harness
	916381	1	CAPSCREW, 3/8" NF x 3/4"
	906960	1	LOCKWASHER, 3/8", internal tooth
	911041	1	NUT, 3/8" NF
23	3002701	2	SLEEVE, terminal
24	917602	1	TERMINAL, cable
	901170	1	SCREW, #10 NC x 1/4" Rd. Hd.
	904203	1	LOCKWASHER, #10
	901310	1	NUT, #10 NC
25	917602	1	TERMINAL, cable
26	3022475	2	WIRE ASSEMBLY (Includes TERMINALS)
27	3003079	1	WIRE ASSEMBLY (Includes TERMINALS)
28	3022476	1	CONNECTOR, wire

(Continued)

INSTRUMENTS AND PANEL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
29	3028331	1	WIRE ASSEMBLY (Includes TERMINALS)
30	3021333	1	WIRE ASSEMBLY (Includes TERMINALS)
31	3018639	1	WIRE ASSEMBLY (Includes TERMINALS)
32	3018643	2	WIRE ASSEMBLY (Includes TERMINALS)
33	3021331	1	WIRE ASSEMBLY (Includes TERMINALS)
34	3023103	1	PANEL, instrument
	916381	6	CAPSCREW, 3/8" NF x 3/4"
	904206	6	LOCKWASHER, 3/8"
35	-----	-	STRIP, rubber (50" of Part #3035068-25 foot roll)
36	3017048	6	STRAP, mounting
37	3037123	2	SHIELD, bulb
38	3047383	2	BULB, light

(Not illustrated)

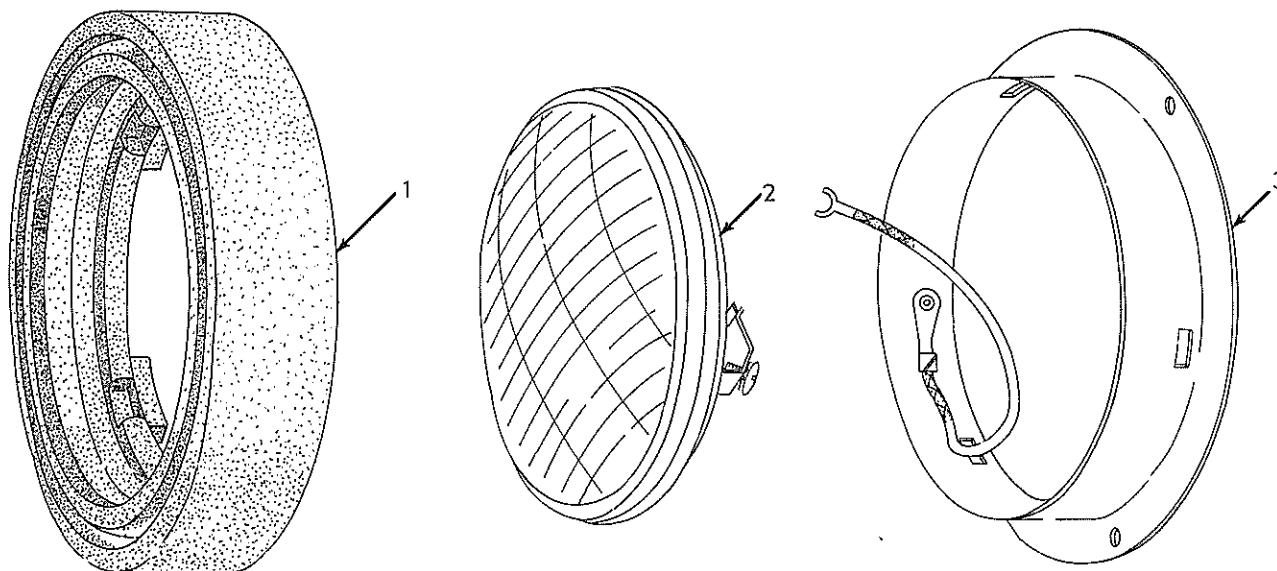


GENERATOR

T-29381

USAGE: Effective with loader serial #555

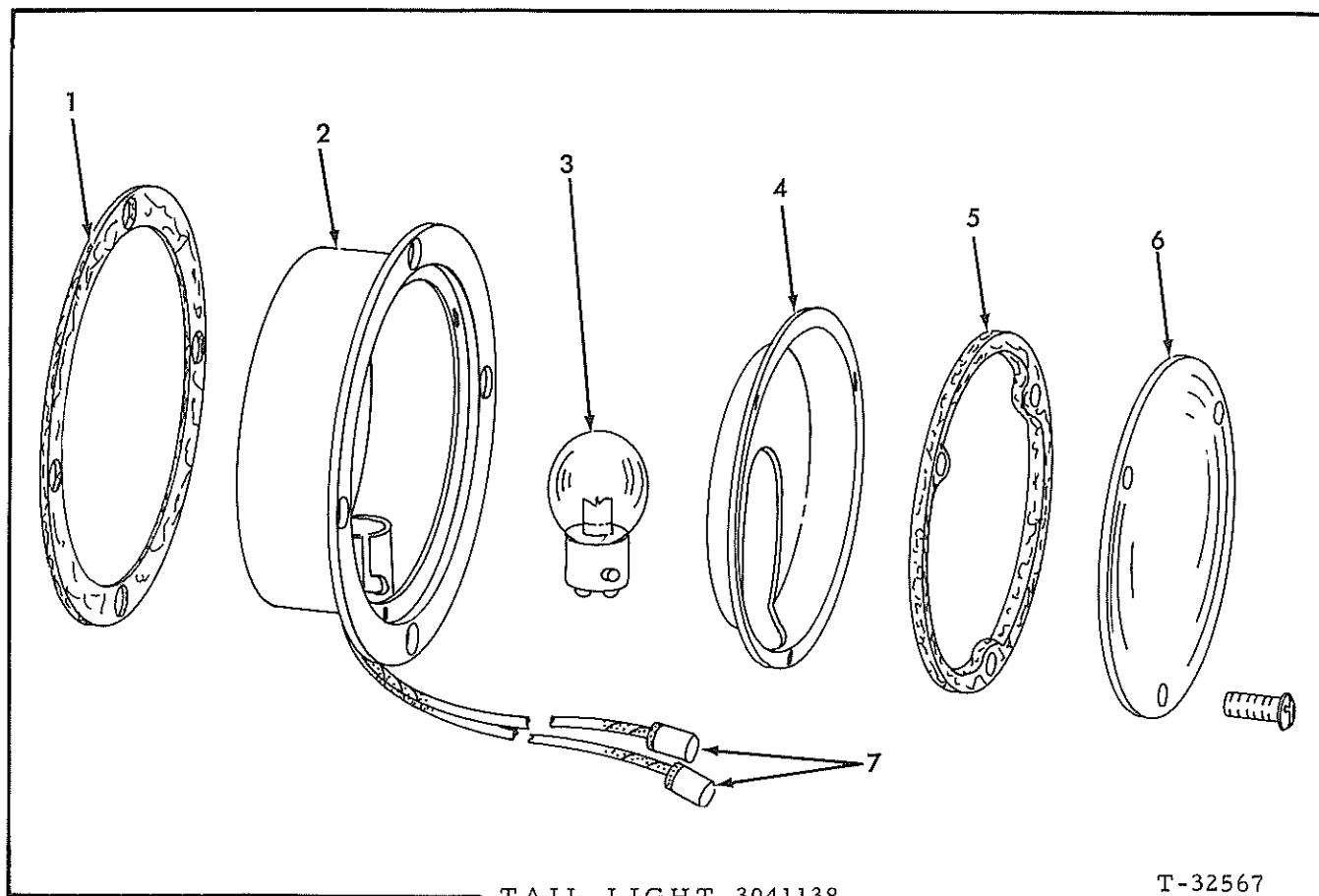
ITEM	PART NO.	QTY.	DESCRIPTION
1	4347982	1	GENERATOR ASSEMBLY (Includes key, nut and washer for pulley) (DELCO-REMY #1105988. Order parts from local United Motors Service agency)
	4354239	2	CAPSCREW, 7/16" NC x 1-1/4" (NYLOK)
	904207	2	LOCKWASHER, 7/16" (Used prior to engine serial #7-21450)
2	4349963	1	BRACKET, generator mounting
	903639	2	CAPSCREW, 1/2" NC x 1-1/2"
	903638	1	CAPSCREW, 1/2" NC x 1-1/4"
	904208	3	LOCKWASHER, 1/2"
3	4502638	1	FAN, generator cooling
4	4348619	1	PULLEY
5	4336177	1	BRACE, generator
	903630	1	CAPSCREW, 3/8" NC x 1"
	904206	1	LOCKWASHER, 3/8"
	900817	1	WASHER, plain, U.S. std., 3/8"
6	4336650	1	BRACKET, generator adjusting brace
	916269	3	CAPSCREW, 3/8" NC x 7/8"
	904206	3	LOCKWASHER, 3/8"
	910324	1	NUT, 3/8" NC
7	4347818	1	BELT, generator and water pump



LIGHT ASSEMBLY 3037089

T-37754

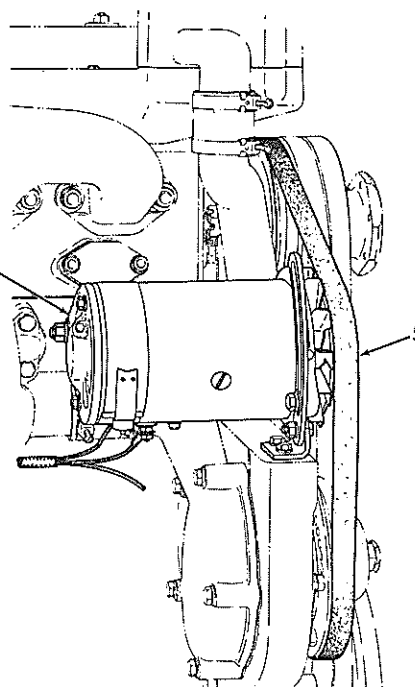
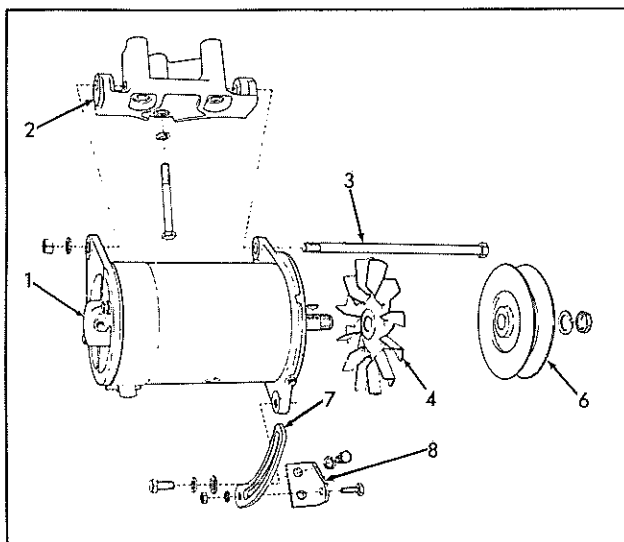
ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 171 for listing of complete Assembly. Quantities listed are for (1) Light only.			
1	3037092	1	RETAINER, element
2	3027198	1	ELEMENT, sealed beam
3	3037091	1	FRAME, light assembly (Includes self-tapping screw)



ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: See page 172 for listing of complete Assembly.

1	3036239	1	GASKET, mounting
2	-----	1	BODY ASSEMBLY (Not serviced separately)
3	3039643	1	BULB (24 volt) (GE #1662)
4	3036242	1	REFLECTOR
5	3036241	1	GASKET, lens
6	3036240	1	LENS, tail light (red glass)
	904953	3	SCREW, machine, #6 NC x 1/2"
7	3029808	2	CONTACT



GENERATOR

T-71710

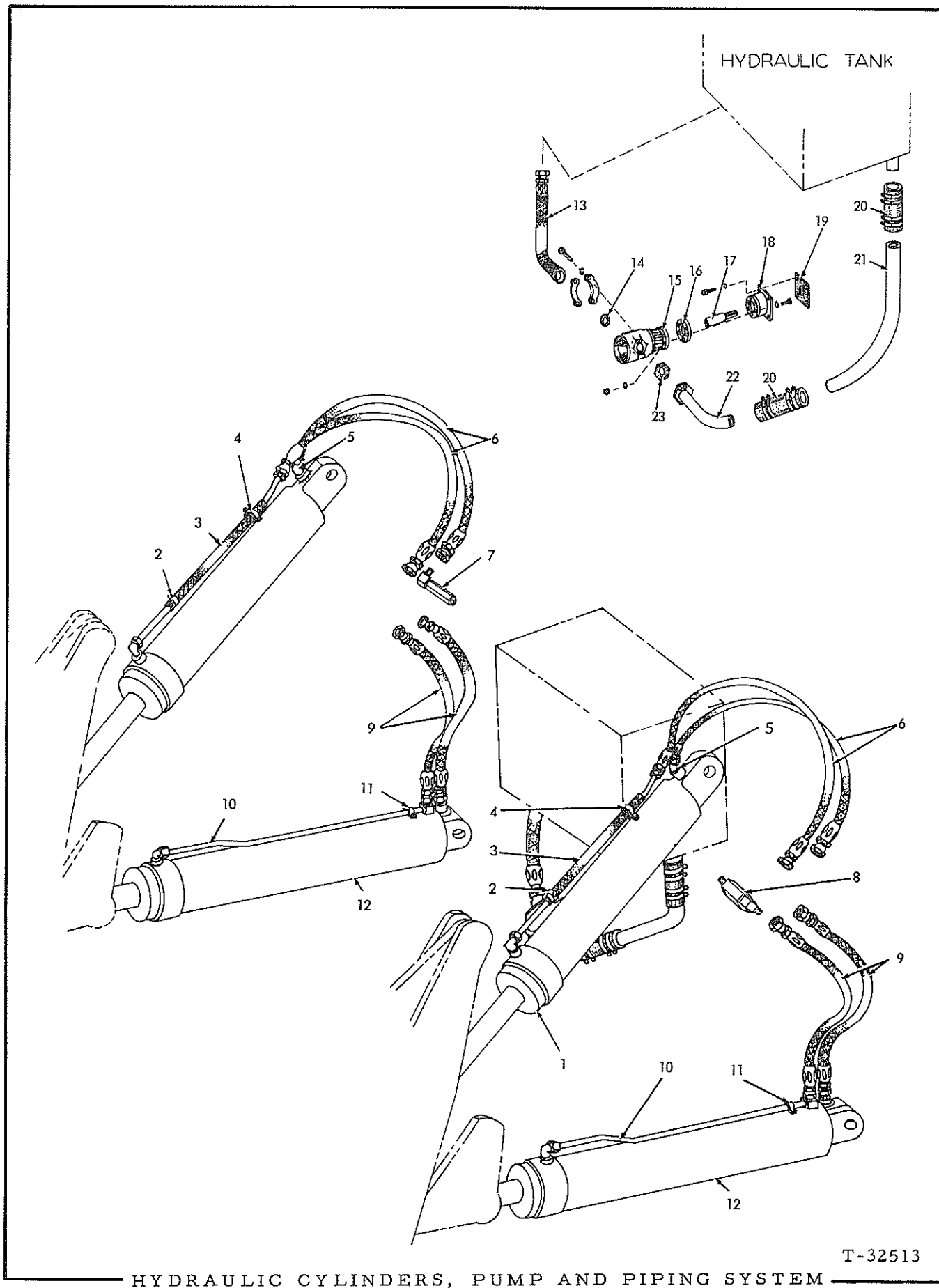
USAGE: Used prior to loader serial #555

ITEM	PART NO.	QTY.	DESCRIPTION
1	4347982	1	GENERATOR ASSEMBLY (Includes key, nut and washer for pulley) (DELCO-REMY #1105988. Order parts from local United Motors Service agency)
	4354239	2	CAPSCREW, 7/16" NC x 1-1/4" (Nylok)
	904207	2	LOCKWASHER, 7/16" (Used prior to engine serial #7-21450)
2	4348145	1	BRACKET, generator mounting
	906695	3	CAPSCREW, 3/8" NC x 3-1/4"
	904206	3	LOCKWASHER, 3/8"
3	4348276	1	BOLT, generator bracket, 7/16" NF x 8-5/8"
	904207	1	LOCKWASHER, 7/16"
	910986	1	NUT, 7/16" NF
4	4502638	1	FAN, generator cooling
5	4348851	1	BELT, generator and water pump
6	4348619	1	PULLEY
7	4348163	1	LINK, belt, adjustment
	915408	1	CAPSCREW, 3/8" NC x 3/4"
	904206	1	LOCKWASHER, 3/8"
	900817	1	WASHER, plain, SAE std., 3/8"
	903772	1	CAPSCREW, 5/16" NC x 1"
	904205	1	LOCKWASHER, 5/16"
	911025	1	NUT, 5/16" NC
8	4335243	1	BRACKET, adjustment link
	903771	2	CAPSCREW, 5/16" NC x 7/8"
	904205	2	LOCKWASHER, 5/16"

HYDRAULIC CYLINDERS, PUMP AND PIPING SYSTEM

ITEM	PART NO.	QTY.	DESCRIPTION
1	3023677	2	CYLINDER ASSEMBLY, dump, left side (See page 185 for parts)
2	922660	2	CLAMP, hose guard
3	3023668	1	TUBE ASSEMBLY, left side (Includes Hose Guard)
	3023669	1	TUBE ASSEMBLY, right side (Includes Hose Guard)
	919269	2	ELBOW, flare type, 3/4" tube, 3/4" NPT, male
4	3001131	2	CLIP, hose guard
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	LOCKWASHER, 3/8"
5	920692	2	ELBOW, 45°
6	3035191	4	HOSE ASSEMBLY, left and right, dump cylinders to hydraulic tank (See page 6 for parts)
7	3021607	4	ELBOW ASSEMBLY, swivel, right (Serviced only as a unit) (8 used prior to loader serial #555)
8	3028435	4	ELBOW ASSEMBLY, swivel, left (Serviced only as a unit) (Effective with loader serial #555)
9	3041570	4	HOSE ASSEMBLY, left and right, lift cylinder to hydraulic tank) (Serviced only as a unit)
	919342	2	ADAPTER, hose assembly
10	3024431	1	TUBE ASSEMBLY, left elbow to hose assembly
	3024432	1	TUBE ASSEMBLY, right, elbow to hose assembly
	919269	2	ELBOW, flare type, 3/4" tube, 3/4" NPT, male
11	3011632	2	CLIP, tube
	916381	2	CAPSCREW, 3/8" NF x 3/4"
	904206	2	LOCKWASHER, 3/8"
12	3023711	1	CYLINDER ASSEMBLY, lift, left side
	3023712	1	CYLINDER ASSEMBLY, lift, right side
(See page 187 for parts)			
13	3041572	1	HOSE ASSEMBLY, hydraulic tank to pump (Serviced only as a unit)
	921118	2	CLAMP, flange (Half)
	916311	4	CAPSCREW, 1/2" NC x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
14	923578	1	O-RING, sealing
15	3029952	1	PUMP ASSEMBLY, hydraulic (See page 205 for parts)
	915987	4	CAPSCREW, 1/2" NC x 1-1/2"
	904208	4	LOCKWASHER, 1/2"
16	3025321	1	GASKET, pump to adapter
17	3023309	1	COUPLING, spline

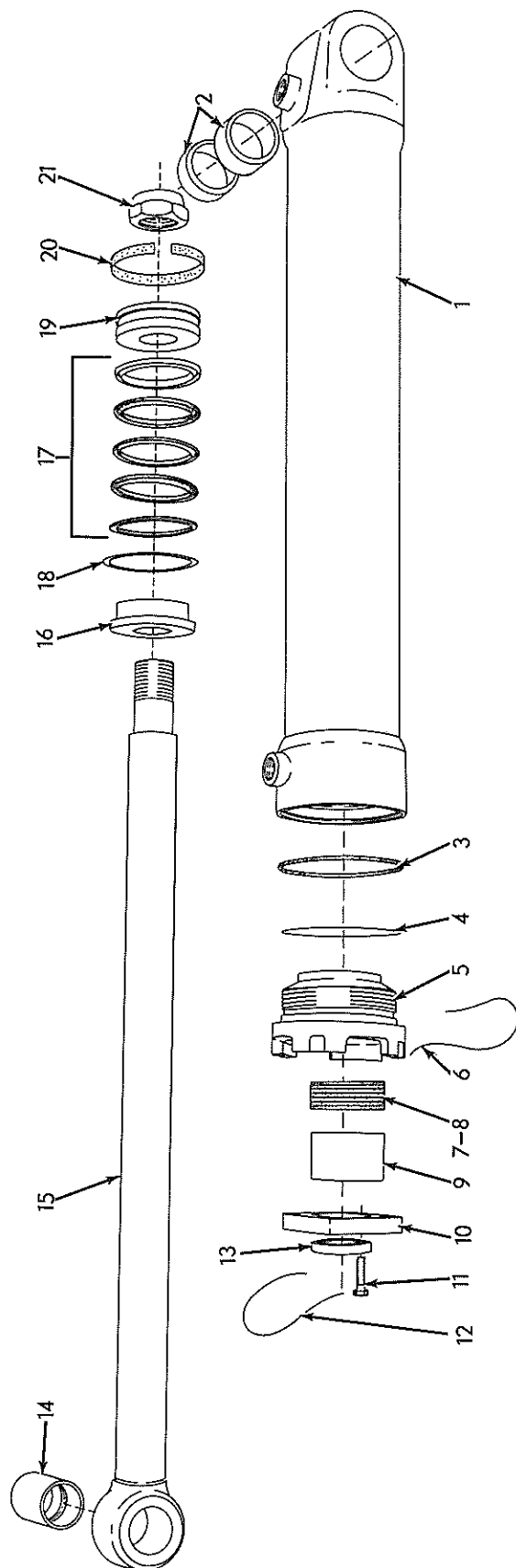
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T-32513

HYDRAULIC CYLINDERS, PUMP AND PIPING SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	3024387	1	ADAPTER, pump
	916386	6	CAPSCREW, 3/8" NF x 2-1/2"
	3018422	6	WASHER, plain
	904206	6	LOCKWASHER, 3/8"
	911041	6	NUT, 3/8" NF
19	3023917	1	GASKET, pump mounting
20	3020955	2	HOSE, 2" I.D. x 4"
	921913	8	CLAMP, hose (adjustable)
21	3022869	1	TUBE, suction, adapter to tank
22	3016467	1	ADAPTER, pump to tank
	916311	4	CAPSCREW, 1/2" NC x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
23	3011534	1	GASKET, adapter

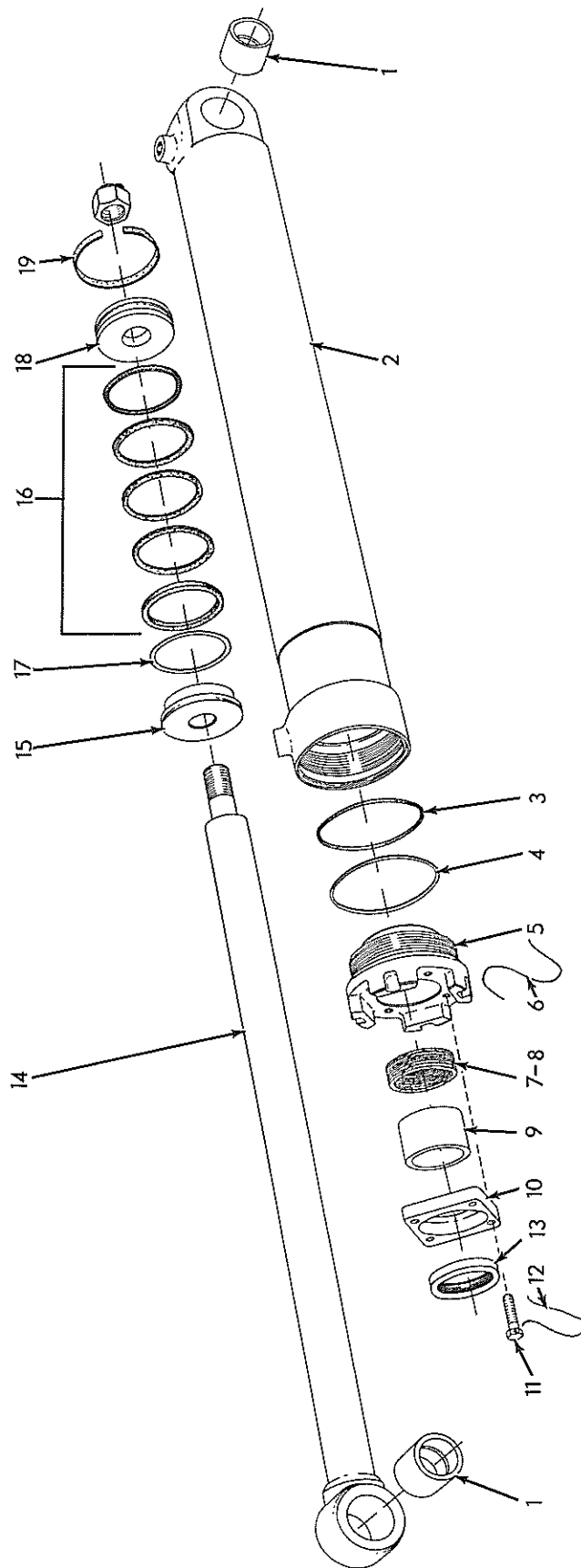


T-36591

DUMP CYLINDER ASSEMBLY 3023677

DUMP CYLINDER ASSEMBLY 3023677

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 181 for listing of complete Assembly. Quantities indicated are for one (1) Cylinder only.			
1	3034827	1	TUBE ASSEMBLY, cylinder (Includes item 2)
2	3019945	2	BUSHING, tube assembly
3	923592	1	O-RING, cylinder head
4	3013388	1	RING, back-up
5	3017499	1	HEAD, cylinder
6	3001085	1	WIRE, locking, #16 Ga. x 17"
7	3001532	1	RING, adapter (top)
8	3017249	1	PACKING SET, rod
9	3016601	1	BEARING, rod packing
10	3016405	1	PLATE, end
11	3007904	4	CAPSCREW, drilled-hd., 3/8" NC x 1-1/2"
12	3001085	1	WIRE, locking, #16 Ga. x 17"
13	3001538	1	SEAL, piston rod wiping
14	3022615	1	BUSHING, piston rod
15	3023676	1	ROD ASSEMBLY, piston (Includes item 14)
16	3017469	1	PISTON, bottom
17	3013377	1	PACKING SET, piston
18	3013376	-	SHIM, spacing (.0359" thick. Use as required)
19	3017459	1	PISTON, top
20	3013392	1	RING, bearing
21	3017556	1	NUT, lock, piston rod
-	3019675	1	KIT, cylinder repair (Consists of 2 WIRE 3001085, 4 CAPSCREW 3007904, items 3, 4, 8, 9, 13, 17 and 20)



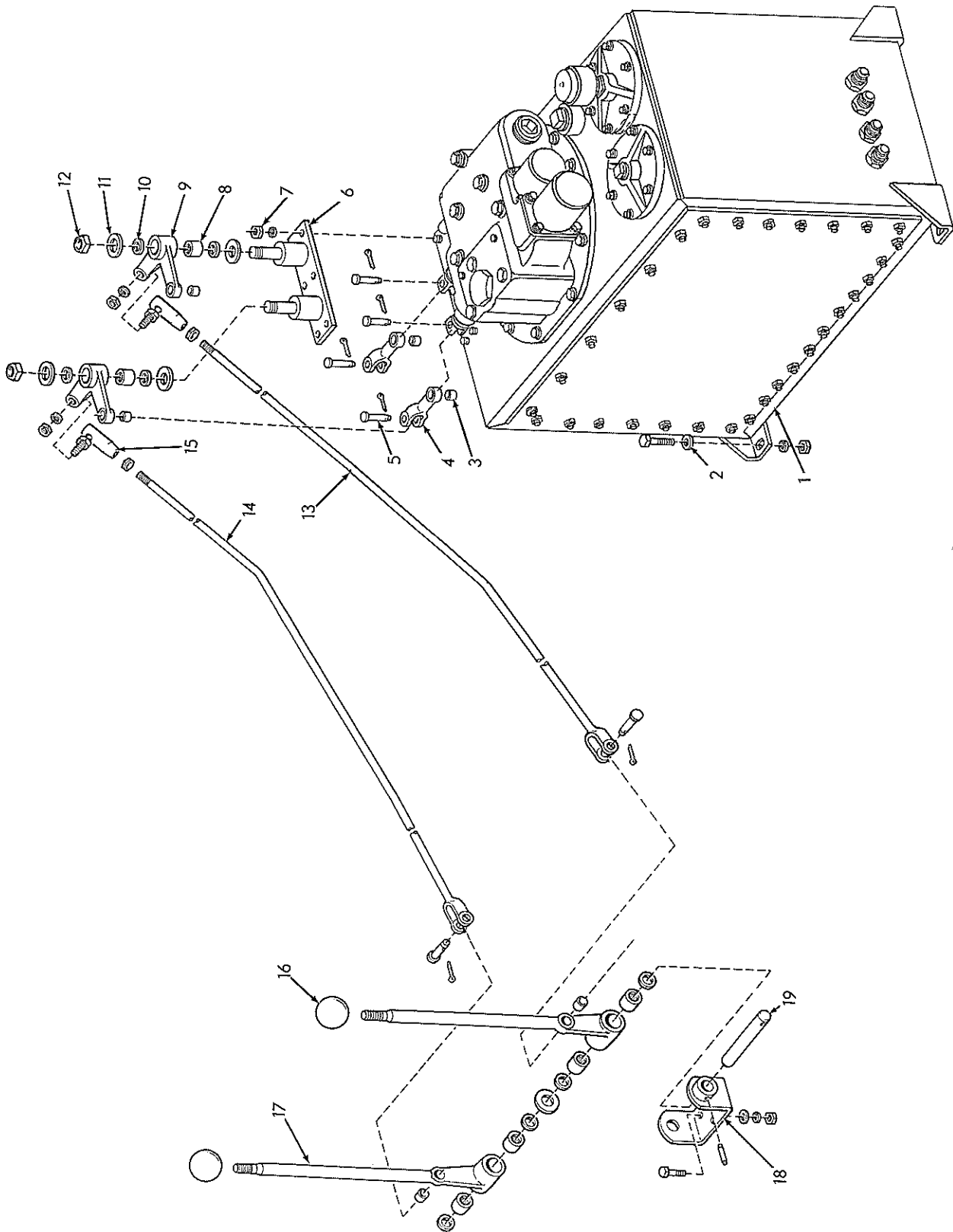
T-36592

LIFT CYLINDER PARTS

LIFT CYLINDER PARTS

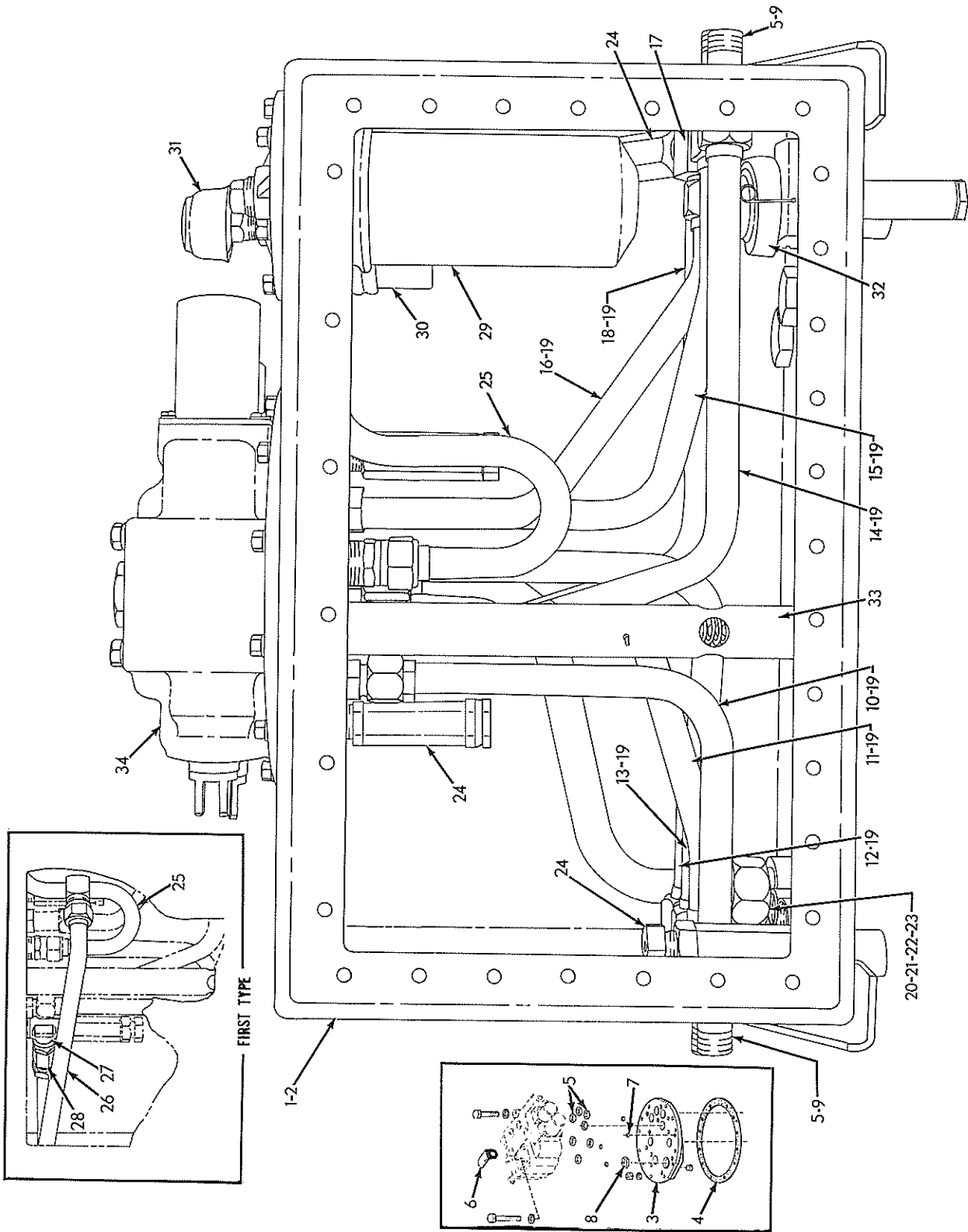
USAGE: * 3023711 CYLINDER ASSEMBLY, left
 ** 3023712 CYLINDER ASSEMBLY, right

ITEM	PART NO.	QTY. * **	DESCRIPTION
NOTE: See page 181 for listing of complete Assembly. Quantities indicated are for one (1) cylinder only.			
1	3001066	4 4	BUSHING, cylinder pivot
2	3023701	1 -	TUBE ASSEMBLY, cylinder, left (Includes item 1)
	3023702	- 1	TUBE ASSEMBLY, cylinder, right (Includes item 1)
3	923593	1 1	O-RING, cylinder head
4	3016189	1 1	RING, back-up
5	3016272	1 1	HEAD, cylinder
6	3001085	1 1	WIRE, locking, 16 Ga. x 17"
7	3017249	1 1	PACKING SET, rod
8	3001532	1 1	RING, adapter, male
9	3016601	1 1	BEARING, rod packing
10	3016405	1 1	PLATE, end
11	3007904	4 4	CAPSCREW, drilled-hd., 3/8" NC x 1-1/2"
12	3001085	1 1	WIRE, locking, 16 Ga x 17"
13	3001538	1 1	SEAL, piston rod wiping
14	3023704	1 1	ROD ASSEMBLY, piston (Includes item 1)
	917778	1 1	NUT, safety, 1-1/2" NF
	914465	1 1	FITTING, lubricating, straight, 1/8" NPT
15	3001300	1 1	PISTON, front
16	3001476	1 1	PACKING SET, piston
17	3003160	- -	SHIM, spacing (.0359" thick Use as required)
18	3001478	1 1	PISTON, rear
19	3001482	1 1	RING, bearing
-	3017561	1 1	KIT, cylinder repair (Consists of 2 WIRE 3001085, 4 CAPSCREW 3007904, items 3, 4, 7 thru 9, 13, 16 and 19)



HYDRAULIC TANK AND CONTROLS

ITEM	PART NO.	QTY.	DESCRIPTION
1	3022877	1	TANK AND VALVE ASSEMBLY, hydraulic (See page 191 for parts)
	913105	4	CAPSCREW, 1/2" NF x 1-1/2"
2	3011243	4	WASHER, plain, 1/2"
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2" NF
3	3013909	6	BUSHING
4	3032529	2	LINK ASSEMBLY (Includes 1 BUSHING 3013909)
5	3001565	6	PIN, link
	900806	6	PIN, cotter, 1/8" x 1"
6	3020988	1	BRACKET, mounting, bell crank
	904206	6	LOCKWASHER, 3/8"
7	3019683	6	NUT, 3/8" NC (Aluminum)
8	3005955	6	BEARING (Lettered end must face pressing tool)
9	3020839	2	CRANK ASSEMBLY, bell (Includes 1 BUSHING 3013909, 1 BEARING 3005955 and 2 SEAL 3005957)
	910255	2	WASHER, plain, SAE std., 3/4"
10	3005957	8	SEAL (Install with lips toward outside)
11	3017086	2	WASHER
12	921138	2	NUT, locking, 3/4" NF
13	3022969	1	ROD, bucket control
14	3022970	1	ROD, boom control
15	3039764	2	JOINT, ball
	904208	2	LOCKWASHER, 1/2"
	913177	4	NUT, jam, 1/2" NF
16	3001171	2	KNOB, control lever
17	3023102	2	LEVER ASSEMBLY, control (Includes 2 BEARING 3005955, 2 SEAL 3005957 and 1 BUSHING 3013909)
18	3017118	1	BRACKET, support, control lever
	915228	3	CAPSCREW, 3/8" NF x 1-1/4"
	911115	3	WASHER, plain, SAE std., 3/8"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8" NF
19	3017119	1	SHAFT
	910255	1	WASHER, plain, SAE std., 3/4"
	916937	1	PIN, roll, 1/4" x 1-1/4"



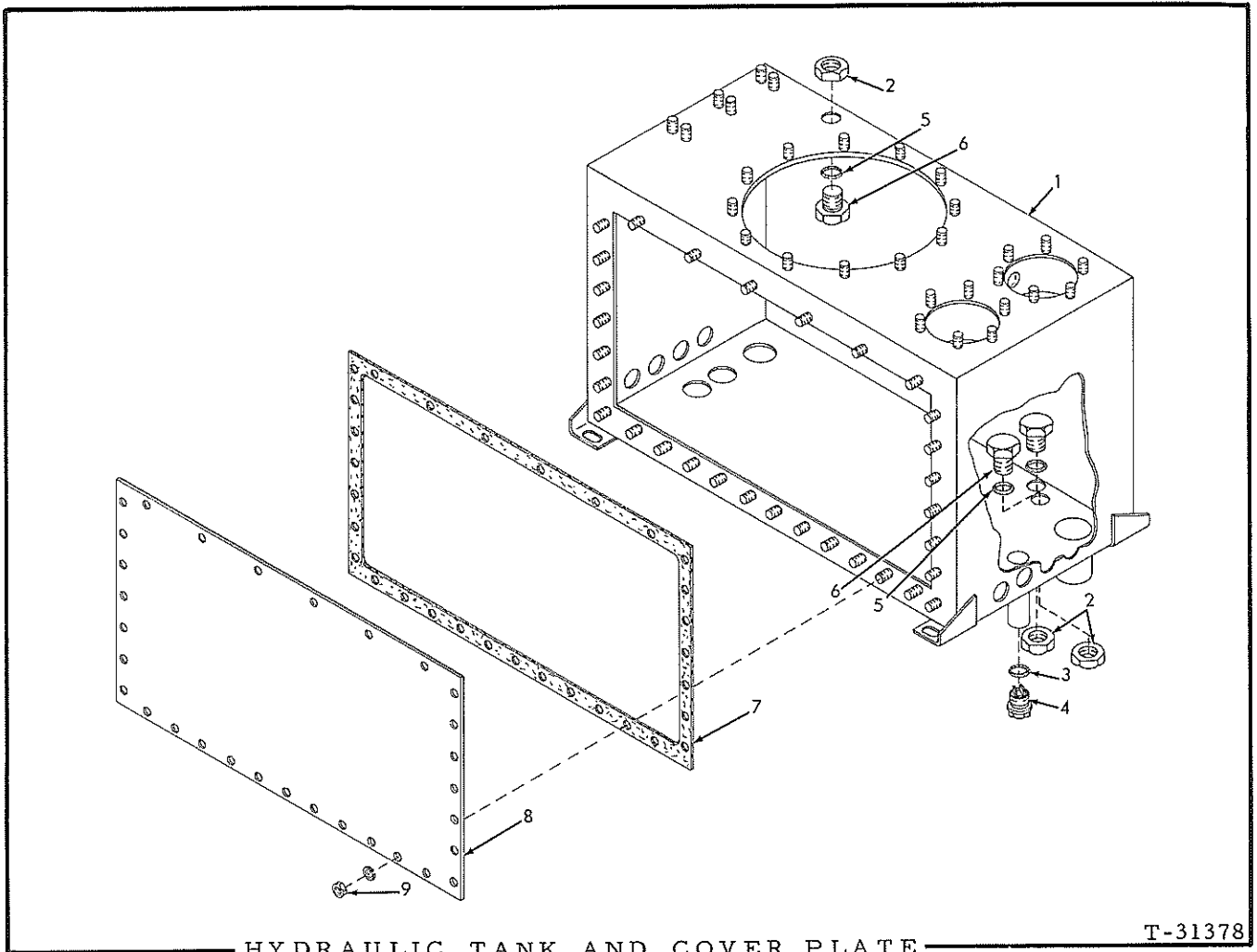
HYDRAULIC TANK AND VALVE ASSEMBLY 3022877

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 189 for listing of complete Assembly			
1	3024066	1	TANK ASSEMBLY, hyd. oil (less Valve) (Includes items 2 thru 4, 9 thru 33 and 7 O-RING 3003909)
2	-----	1	HOUSING, tank, hydraulic (See page 193 for parts)
3	3016100	1	PLATE, mounting, manifold and valve
	904206	12	LOCKWASHER, 3/8"
	3019683	12	NUT, 3/8" NC (aluminum)
	907856	1	PLUG, pipe, ctsk , 3/8" NPT
4	3016281	1	GASKET, mounting plate
5	923649	18	O-RING, sealing, control valve and union
6	3027059	1	PLATE, caution, relief valve
7	923663	4	O-RING, sealing, control valve
8	923577	1	O-RING, sealing, control valve
9	3016069	7	UNION, bulkhead, hose attaching
	3016404	7	NUT, 1-1/16" NF
10	3020447	1	TUBE ASSEMBLY, boom lowering, right cylinder (Includes nuts)
11	3020433	1	TUBE ASSEMBLY, bucket return, right cylinder (Includes nuts)
12	3020426	1	TUBE ASSEMBLY, boom raise, right cylinder (Includes nuts)
13	3020448	1	TUBE ASSEMBLY, bucket dump, right cylinder (Includes nuts)
14	3020443	1	TUBE ASSEMBLY, boom lowering, left cylinder (Includes nuts)
15	3020426	1	TUBE ASSEMBLY, bucket return, left cylinder (Includes nuts)
16	3020443	1	TUBE ASSEMBLY, boom raise (Used prior to loader serial #532)
	3031285	1	TUBE ASSEMBLY, boom raise, left cylinder (Includes nuts) (Effective with loader serial #532)
17	3020377	1	TEE, bulkhead, raise line, right cylinder
	3016404	1	NUT, 1-1/16" NF
18	3020444	1	TUBE ASSEMBLY, bucket dump, left cylinder (Includes nuts)
19	3016322	8	CONNECTOR, tube attaching
20	3016070	1	UNION, bulkhead, hose attaching
	3016394	1	NUT, locking
21	923664	1	O-RING, bulkhead union

(Continued)

HYDRAULIC TANK AND VALVE ASSEMBLY 3022877 (Continued)

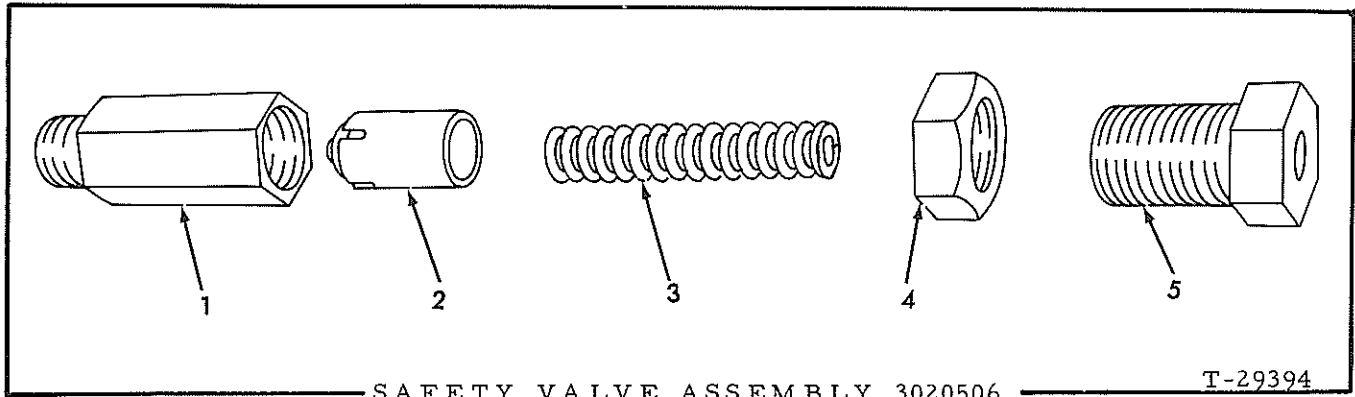
ITEM	PART NO.	QTY.	DESCRIPTION
22	3020438	1	TUBE ASSEMBLY, pressure line
23	3016347	1	CONNECTOR, tube attaching
24	3020506	3	VALVE ASSEMBLY, safety (See page 194 for parts)
25	3027023	1	TUBE ASSEMBLY, oil filter
	919064	1	CONNECTOR, flare type, 1" tube x 1" NPT, male
26	3027024	1	TUBE ASSEMBLY, filter
27	3026967	1	TEE, pipe
28	3026989	1	VALVE ASSEMBLY, check, compensator (See page 194 for parts)
29	-----	1	FILTER AND COVER, hyd. oil (See page 197 for parts)
30	-----	1	FILTER AND COVER, air (See page 197 for parts)
31	-----	1	BREATHING ASSEMBLY, air (See page 197 for parts)
32	-----	1	STRAINER AND MAGNET (Suction line) (See page 195 for parts)
33	3031814	1	TUBE ASSEMBLY, discharge, oil (See page 195 for parts)
34	3026347	1	VALVE ASSEMBLY, control (See page 199 for parts)
	3038119	1	VALVE ASSEMBLY, control (Service Replacement)
	919177	5	CAPSCREW, 1/2" NF x 4-1/2"
	916428	2	CAPSCREW, 1/2" NF x 5"
	904208	7	LOCKWASHER, 1/2"



HYDRAULIC TANK AND COVER PLATE

T-31378

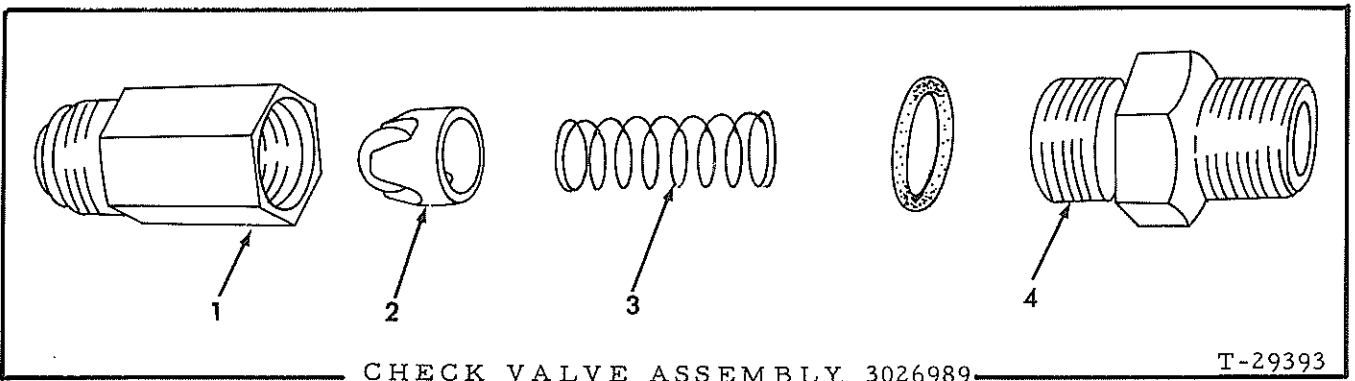
ITEM	PART NO.	QTY.	DESCRIPTION
1	3022874	1	TANK, hydraulic
	901653	1	PLUG, pipe, 3/8" NPT
	901655	1	PLUG, pipe, 3/4" NPT
	901767	1	ADAPTER, pipe, 3/4" NPT
2	3016404	3	NUT, 1-1/16"
3	3010158	1	GASKET
4	3010159	1	PLUG ASSEMBLY, magnetic drain (Includes item 3)
5	923649	3	O-RING, sealing
6	3016093	3	PLUG
7	3039902	1	GASKET, cover plate
8	3039900	1	PLATE, cover
9	3019683	31	NUT, 3/8" NC (aluminum)
	904206	31	LOCKWASHER, 3/8"



SAFETY VALVE ASSEMBLY 3020506

T-29394

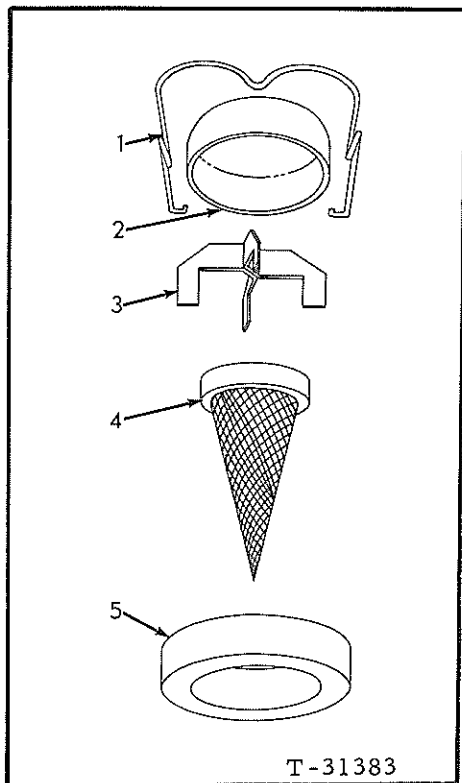
ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 192 for listing of complete Assembly.			
1	3019598	1	BODY, valve
2	3019977	1	PLUNGER ASSEMBLY (Includes ball) (Serviced only as a unit)
3	3016277	1	SPRING, valve
4	3020521	1	NUT, jam, adjusting cap
5	3016278	1	CAP, adjusting, valve body



CHECK VALVE ASSEMBLY 3026989

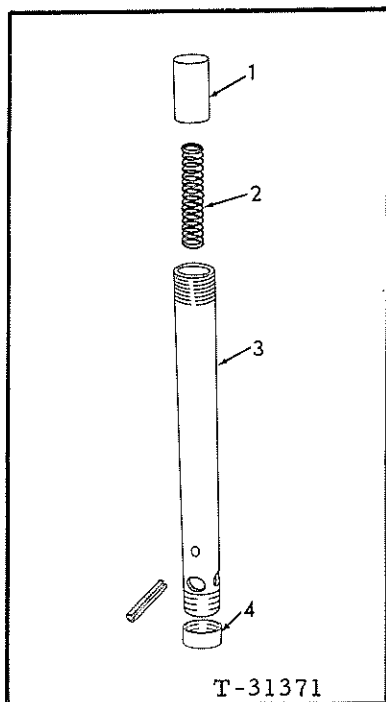
T-29393

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 192 for listing of complete Assembly.			
1	3026985	1	BODY, valve
2	3026988	1	PLUNGER ASSEMBLY (Includes ball) (Serviced only as a unit)
3	3026983	1	SPRING, plunger
4	3026986	1	CAP, valve
5	923575	1	O-RING, sealing



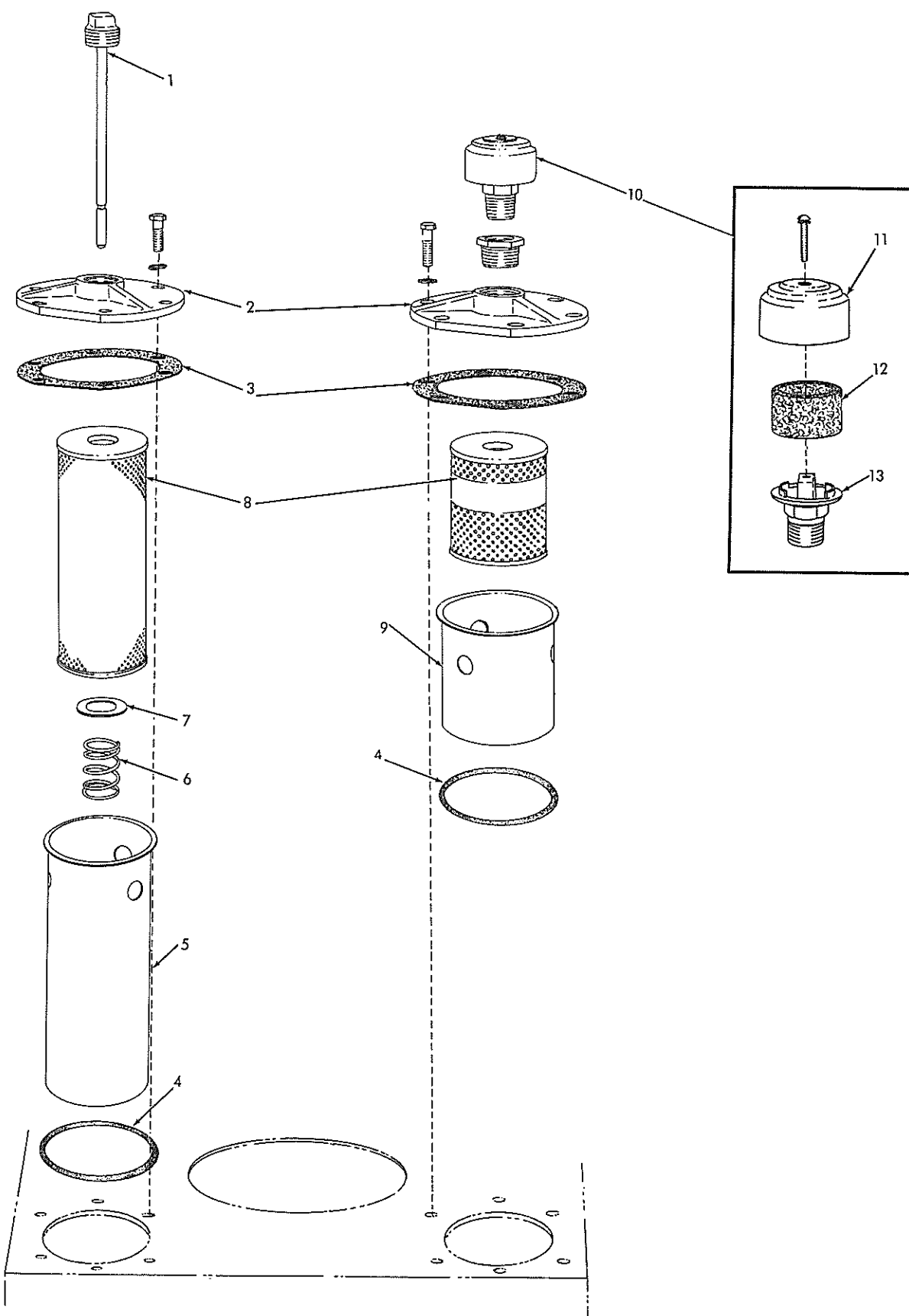
OIL STRAINER AND MAGNET

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 192 for listing of complete Assembly.			
1	3013848	1	BAIL, baffle locking
2	3013852	1	BAFFLE, suction line
3	3013847	1	SUPPORT, baffle
4	3010653	1	STRAINER, oil, suction line
5	3013850	1	MAGNET, oil filter



DISCHARGE PIPE ASSEMBLY 3031814

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: See page 192 for listing of complete Assembly.			
1	3016398	1	PLUNGER, oil discharge
2	3020394	1	SPRING, plunger
3	3016395	1	PIPE, oil discharge
	3028542	1	WIRE, 3/16" x 1-3/4"
4	3016396	1	CAP

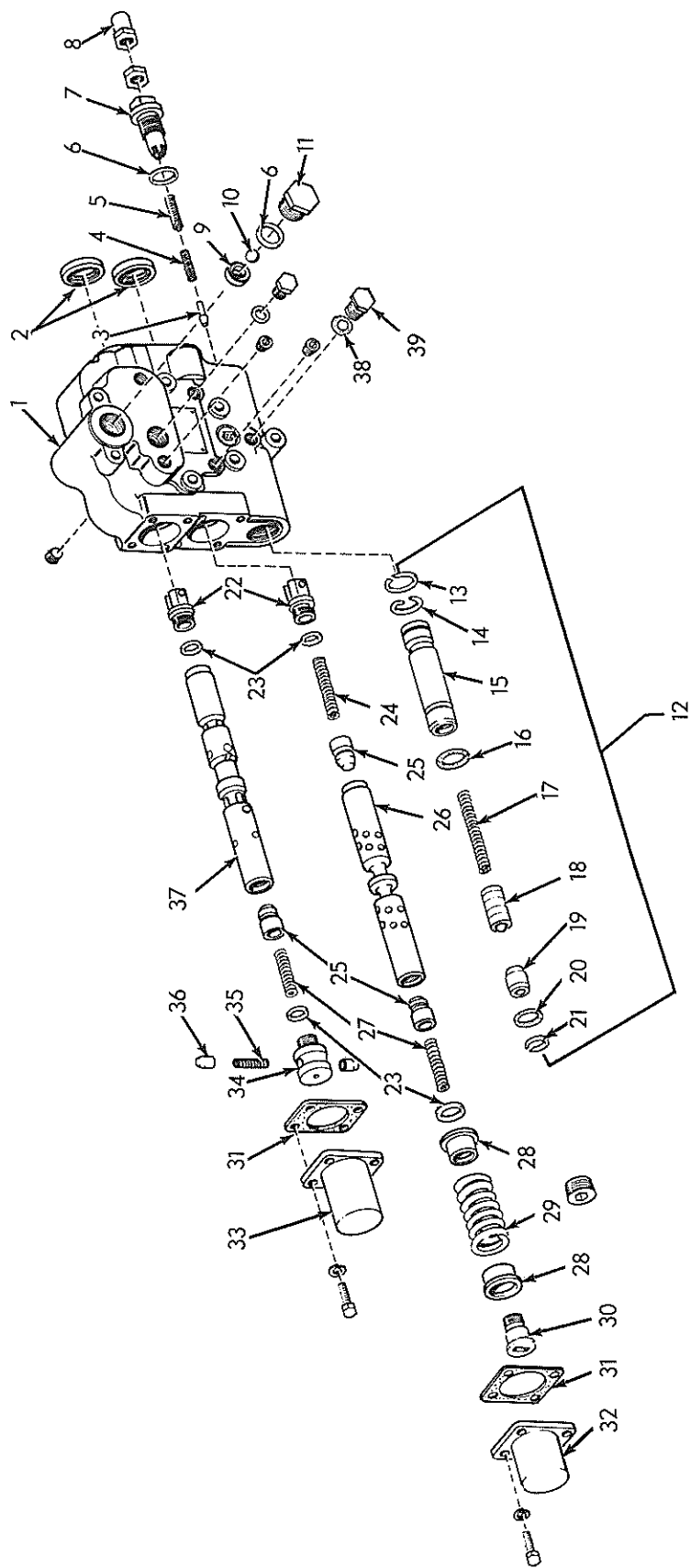


OIL FILTER, AIR FILTER AND BREATHER

T-31382

OIL FILTER, AIR FILTER AND BREATHER

ITEM	PART NO.	QTY.	DESCRIPTION
1	3016703	1	STICK, oil dip
2	3016078	2	COVER, filter
	3019683	12	NUT, 3/8" NC (aluminum)
	904206	12	LOCKWASHER, 3/8"
3	3039899	2	GASKET, filter cover
4	923600	2	O-RING, sealing
5	3016079	1	CASE, oil filter
6	3016399	1	SPRING, oil filter element
7	3016403	1	WASHER, spring, oil filter
8	-----	2	ELEMENT, oil and air filter
9	3016080	1	CASE, air filter
10	3002766	1	BREATHER ASSEMBLY, air (Includes one ELEMENT, item 11 and 1 BASE 3002767)
11	3002768	1	CAP, air breather
	914172	1	SCREW, machine, #10 NF x 1-1/4"
	904203	1	LOCKWASHER, #10
12	-----	1	ELEMENT, air breather
13	3002767	1	BASE, air breather
	901829	1	BUSHING, pipe reducing, 1" NPT to 3/4" NPT
-	3019695	1	KIT, element (Consists of items 3, 8 and 12)



T-34403

CONTROL VALVE ASSEMBLY

CONTROL VALVE ASSEMBLY

USAGE: * -----VALVE ASSEMBLY -Used prior to loader serial #266 excluding 255, 260, 261 and 264)
 ** 3026347VALVE ASSEMBLY -Effective with loader serial #266 including 255, 260, 261 and 264)

ITEM	PART NO.	QTY.	DESCRIPTION
------	----------	------	-------------

NOTE: See page 192 for listing of complete Assembly.

1	-----	1	1	HOUSING (Not serviced, order 3026397)
	907859	1	1	PLUG, pipe, ctsk., 1/4" NPT
	907856	5	5	PLUG, pipe, ctsk., 3/8" NPT
	918697	1	1	PLUG, pipe, ctsk., 1-1/4" NPT
	921204	1	1	PLUG (Includes o-ring)
	921206	1	1	O-RING, sealing
2	3001719	2	2	SEAL, plunger
3	3027397	1	1	POPPET
4	{ 3023925	1	-	SPRING
	{ 3027401	-	1	SPRING
5	{ 3026108	1	-	SCREW, adjusting
	{ 3003912	1	-	GUIDE, spring
	{ 3027399	-	1	SCREW, adjusting
	913177	1	1	NUT, 1/2" NF
6	923649	2	2	O-RING, sealing
7	{ 3016919	1	-	CAP, adjusting screw
	{ 3027398	-	1	CAP, adjusting screw
8	3003911	1	1	NUT, acorn
9	3016929	1	1	SEAT, check
10	3020876	1	1	BALL
11	3016931	1	1	CAP, check seat
12	{ 3027808	1	-	VALVE KIT, relief (Consists of 1 SPRING 3024701, 1 SCREW 3027399, 1 NUT 913177, 1 O-RING 923563, items 3, 6, 13 thru 19 and 21)
	{ 3041951	-	1	VALVE ASSEMBLY, relief (Includes items 13 thru 21)
13	3027414	1	1	RING, snap
14	3027407	1	1	WIRE, orifice
15	-----	1	1	SLEEVE, relief valve (Not serviced separately)
16	923564	1	1	O-RING, sealing
17	3027406	1	1	SPRING
18	-----	1	1	PLUNGER ASSEMBLY (Not serviced separately)
19	-----	1	1	SEAT, relief valve (Not serviced separately)

(Continued)

CONTROL VALVE ASSEMBLY (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
20	923811	1 -	O-RING, sealing
	923563	- 1	O-RING, sealing
21	3027410	1 1	RING, snap
22	3001721	2 2	EYE, plunger
23	923810	4 4	O-RING, sealing
24	3010857	1 1	SPRING, plunger
25	3001717	3 3	PLUNGER, check valve
26	-----	1 1	PLUNGER, double action (Not serviced, order 3026347)
27	3001716	2 2	SPRING, plunger
28	3016925	2 2	RETAINER, spring
29	3016924	1 -	SPRING
	3027405	- 1	SPRING
30	3016926	1 1	CAP, plunger
31	3016912	2 2	GASKET, detent cap
32	3016923	1 1	COVER, spring
	915809	4 4	CAPSCREW, 5/16" NC x 3/4"
	904205	4 4	LOCKWASHER, 5/16"
33	3016911	1 1	COVER, spring
	915809	4 4	CAPSCREW, 5/16" NC x 3/4"
	904205	4 4	LOCKWASHER, 5/16"
34	3016932	1 1	CAP, detent
35	3016928	1 1	SPRING, detent
36	3016927	2 2	PLUNGER, detent poppet
37	-----	1 1	PLUNGER, float (Not serviced, order 3026347)
38	3002746	1 1	O-RING, sealing
39	3028743	1 1	CAP

CONTROL VALVE PARTS

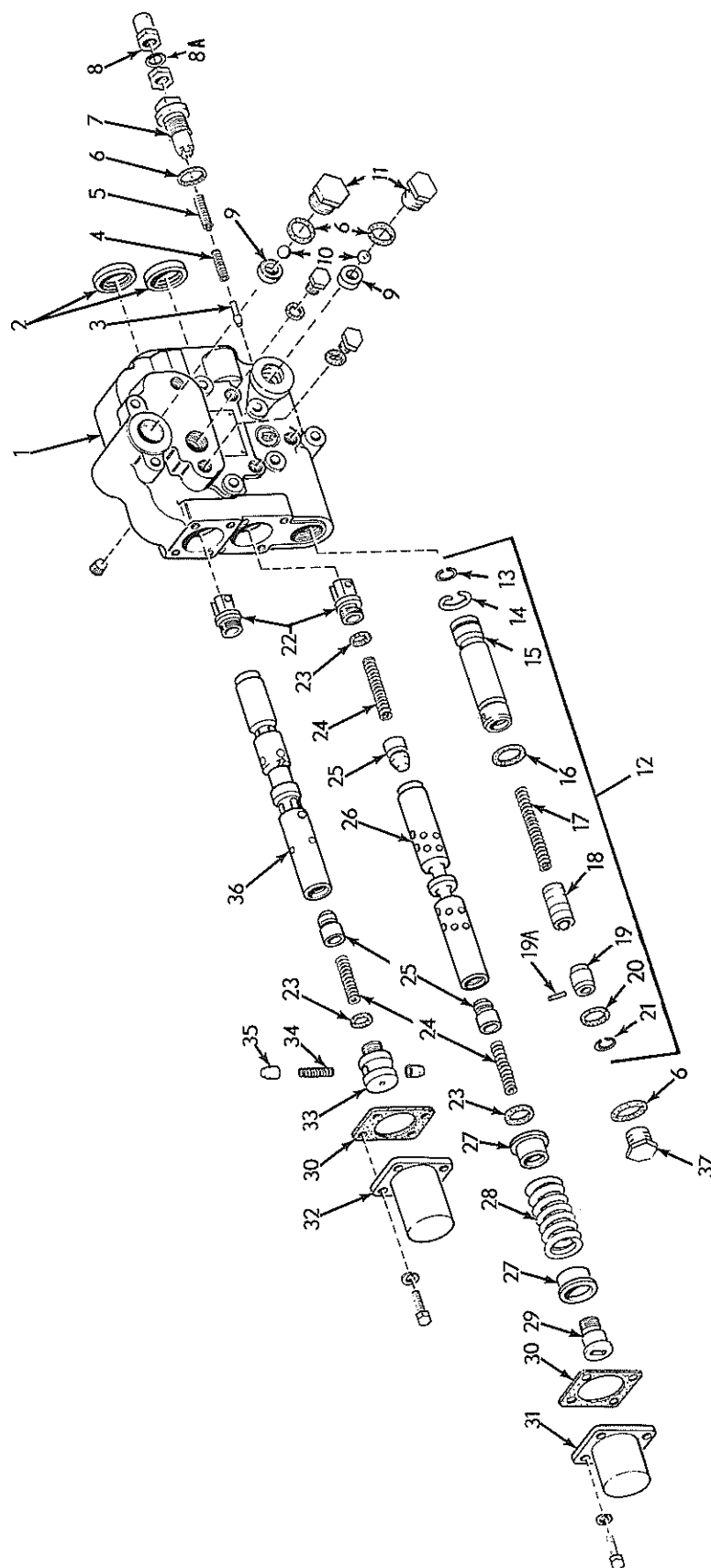
USAGE: Replacement Valve only

*3038119 Control Valve (2 plunger type) (Std.)

**3038117 Control Valve (3 plunger type) (Optional, special equipment)

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	-----	1 -	HOUSING, (Not serviced, order 3038119)
	-----	- 1	HOUSING (Not serviced, order 3038117)
	922577	4 2	PLUG, 3/8" tube, 9/16" straight thread (Includes o-ring)
	921204	1 1	PLUG, 3/4" tube, 1-1/16" straight thread (Includes o-ring)
2	3039011	2 -	SEAL, plunger
	3038675	- 3	SEAL, plunger
3	3027397	1 1	POPPET
4	3027401	1 1	SPRING
5	3027399	1 1	SCREW, adjusting
	913830	1 1	NUT, jam, 1/2" NF
6	4282855	4 4	O-RING, sealing
7	186399	1 1	CAP, adjusting
8	3033939	1 1	NUT, acorn
8a	191995	1 1	WASHER, sealing
9	3016929	2 2	SEAT, check
10	3020876	2 2	BALL
11	3016931	2 2	CAP
12	3041951	1 1	VALVE ASSEMBLY, relief (Includes items 13 thru 21)
13	3027414	1 1	RING, snap
14	3027407	1 1	WIRE, orifice
15	-----	1 1	SLEEVE, relief valve (Not serviced separately)
16	923564	1 1	O-RING, sealing
17	3010857	1 1	SPRING
18	-----	1 1	PLUNGER ASSEMBLY (Not serviced separately)
19	-----	1 1	SEAT, relief valve (Not serviced separately)
19a	3042421	1 1	PIN, roll (Special)
20	923562	1 1	O-RING, sealing
21	3027410	1 1	RING, snap

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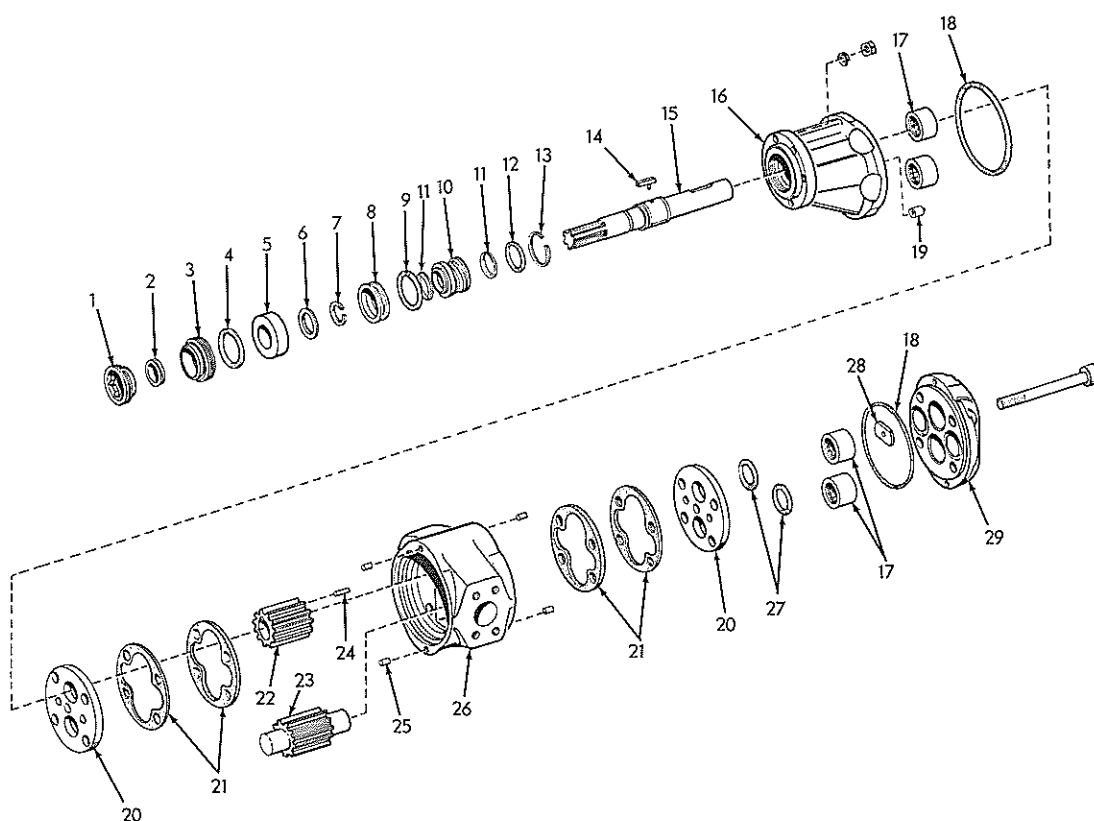
T-37799

CONTROL VALVE PARTS

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	{ 3039203	2 -	EYE, plunger
	{ 3004708	- 2	EYE, plunger
23	{ 3039206	3 -	O-RING, sealing
	{ 3038686	- 3	O-RING, sealing
24	{ 3001716	3 -	SPRING, plunger
	{ 18409	- 3	SPRING, plunger
25	{ 3001717	3 -	PLUNGER, check valve
	{ 3004706	- 3	PLUNGER, check valve
26	{ -----	1 -	PLUNGER, double action (Not serviced, order 3038119)
	{ -----	- 1	PLUNGER, double action (Not serviced, order 3038117)
27	{ 3039201	2 -	RETAINER, spring
	{ 184604	- 2	RETAINER, spring
28	3041564	1 1	SPRING
29	{ 3039202	1 -	CAP, plunger
	{ 184610	- 1	CAP, plunger
30	3038673	2 3	GASKET, detent cap
31	3039015	1 2	COVER, spring
	915406	4 8	CAPSCREW, 1/4" NC x 3/4"
	904204	4 8	LOCKWASHER, 1/4"
32	3038674	1 1	HOUSING, detent
	915406	4 4	CAPSCREW, 1/4" NC x 3/4"
	904204	4 4	LOCKWASHER, 1/4"
33	{ 3039208	1 -	CAP, detent
	{ 3038677	- 1	CAP, detent
34	3038678	1 1	SPRING, detent
35	3016927	2 2	PLUNGER, detent poppet
36	{ -----	1 -	PLUNGER, float (Not serviced, order 3038119)
	{ -----	- 2	PLUNGER, float (Not serviced, order 3038117)
37	183890	1 1	CAP

MEMO



PUMP PARTS

T-36590

USAGE: *----- PUMP ASSEMBLY (First type)
 **3029952 PUMP ASSEMBLY (Second type)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	

NOTE: See page 181 for listing of complete Assembly.

1	3025024	1	1	NUT, retaining, oil seal
2	3028740	1	1	SEAL, oil, drive shaft
3	3025011	1	1	RETAINER, seal, drive shaft
4	923573	1	1	O-RING, sealing
5	3025009	1	1	BEARING, ball, drive shaft
6	3025009	1	1	RETAINER, bearing, drive shaft
7	3025028	1	1	RING, snap, bearing, retainer
8	3025007	1	1	SEAT ASSEMBLY
9	923572	1	1	O-RING, sealing
10	3025006	1	-	SEAL ASSEMBLY (Serviced only as a unit)
	3031200	-	1	SEAL ASSEMBLY, drive shaft (Includes items 11, 12, and 14)
11	3025026	1	-	RING, back-up
	3031202	-	2	RING, back-up

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PUMP PARTS (Continued)

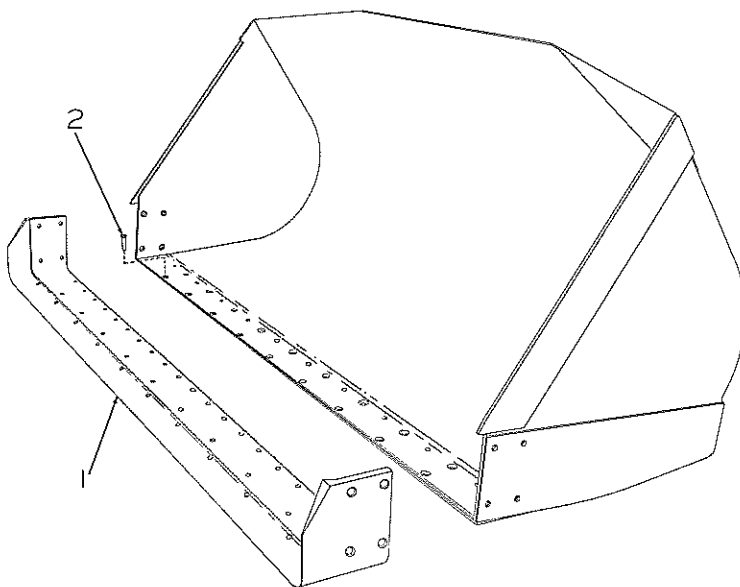
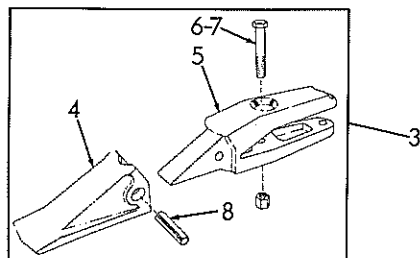
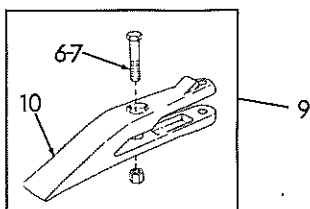
ITEM	PART NO.	QTY. * **	DESCRIPTION
12	{ 923566	1 -	O-RING, sealing
	{ 923567	- 1	O-RING, sealing
13	{ 3025001	1 -	RING, snap
	{ 3003689	- 1	RING, snap
14	3031173	- 1	PIN, seal assembly
15	{ 3028739	1 -	SHAFT, drive
	{ 3031199	- 1	SHAFT, drive
16	3025004	1 1	ADAPTER ASSEMBLY, pump (Includes item 19)
17	3025030	4 4	BEARING, roller, front and rear
18	923591	2 2	O-RING, sealing
19	3035201	1 1	VALVE, check
20	3025018	2 2	PLATE, wear, front and rear
21	{ 3003691	- -	GASKET (.001" thick. Use as required)
	{ 3003692	- -	GASKET (.002" thick. Use as required)
22	3025020	2 1	GEAR, driving
23	3003004	1 1	GEAR, driver
24	3025029	1 1	PIN, drive shaft
25	3015658	4 4	PIN, dowel, housing
26	3025019	1 1	HOUSING, pump
27	923813	2 4	O-RING, sealing
28	3025031	1 1	WASHER, thrust
29	3025021	1 1	COVER, end
	3003010	4 -	CAPSCREW, 5/8" NF x 4-1/2", skt.-hd.
	921103	- 4	CAPSCREW, 5/8" NC x 4-1/2", skt.-hd.

NAME PLATES AND STICKERS
(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
1	924306	1	TRANSFER (ALLIS-CHALMERS) (Applied to COWL)
2	3028969	2	EMBLEM, model designation (TL16) (Applied to HOOD)
3	924549	2	TRANSFER (ALLIS-CHALMERS) (Applied to HOOD)
4	3028826	1	PLATE, patent
5	3021837	1	STICKER, transmission instruction
6	3024401	1	STICKER, transmission (Applied to instrument panel)
7	3024400	1	STICKER, engine (Applied to instrument panel)
8	3023171	1	STICKER, clutch release (Applied to floor plate support)
9	3024429	1	STICKER, engine stopping instructions (Applied to instrument panel)
10	3024409	1	STICKER, control instructions (Loader and Axle disconnect) (Applied to right plate)
11	3019603	1	STICKER, instruction, care of hydraulic oil filters (Applied to right plate)
-	3047313	1	KIT, decal (Includes items 1 thru 11)

PAINT
(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
1	921543	-	ENAMEL, persian orange, quart can
	921285	-	ENAMEL, A-C yellow (old) quart can
	922983	-	ENAMEL, A-C yellow (new) quart can
	921398	-	ENAMEL, black, quart can
2	921544	-	ENAMEL, persian orange, gallon can
	921286	-	ENAMEL, A-C yellow (old) gallon can
	922984	-	ENAMEL, A-C yellow (new) gallon can
3	921354	-	ENAMEL, A-C yellow (old) 5 gallon can
	922985	-	ENAMEL, A-C yellow (new) 5 gallon can
4	921092	-	ENAMEL, persian orange, 12 oz. pressurized spray-type can
	921097	-	ENAMEL, cream, 12 oz. pressurized spray-type can
	921289	-	ENAMEL, A-C yellow (old) 12 oz. pressurized spray-type can
	922982	-	ENAMEL, A-C yellow (new) 12 oz. pressurized spray-type can



BUCKET

T-29424

SAE Rated Capacity Cu. Yds.	Qty. Teeth Req.	Cutting Edge Used	Cutting Edge Outside Width (inches)	Cutting Edge Inside Width (inches)	Qty. Rivets used w/each Cutting Edge
4	*NR	3026981	105"	103-1/2"	32 - 3026966
3-1/2	12	Δ3026787	95-1/4"	93-3/4"	30 - 3026966
3	*NR	3026787	95-1/4"	93-3/4"	30 - 911575
2-1/2	*NR	3027006	90"	88-1/2"	28 - 911575
2	11	Δ3027006	90"	88-1/2"	28 - 911575
1-1/2	10	Δ3026975	84-1/2"	83"	26 - 911575

* Not Recommended

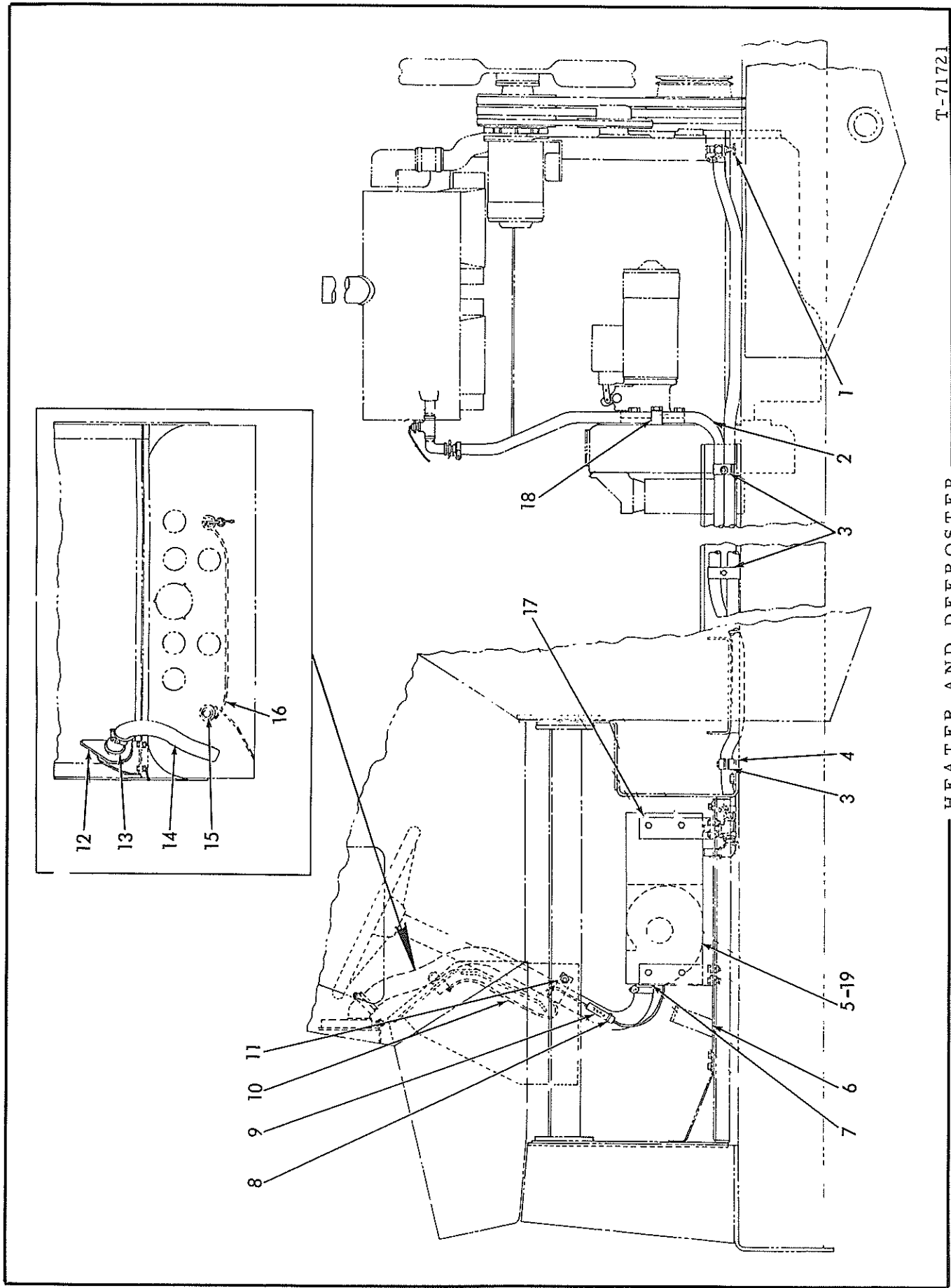
Δ New arrow head type teeth required

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	EDGE, cutting
2	911575	-	RIVET, ctsk. head, 1/2" x 2"
	3026966	-	RIVET, pan head, 1/2" x 2"
} See Chart above			
3	3027870	-	TOOTH ASSEMBLY, heavy duty bucket, two piece (Each includes 1 TIP 3020853, SHANK 3027869, PIN 3022900, 2 CAPSCREW 3027871 and NUT 3019733) For Arrowhead cutting edge - may be used w/flat cutting edge.
	3014989	-	TOOTH ASSEMBLY, general purpose bucket, two piece (Each includes 1 TIP 3014986, SHANK 3014988, PIN 3014987, CAPSCREWS 3019717, 3019719 and two NUT 3019733) (For flat cutting edge only)
	3022187	-	TOOTH ASSEMBLY, heavy duty bucket, two piece (Each includes 1 TIP 3020853, SHANK 3022185, PIN 3022900, 2 CAPSCREW 3019718 and NUT 3019733) (For flat cutting edge only)

(Continued)

BUCKET (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	3020853	1	POINT, heavy duty (Use w/ TOOTH ASSY. 3027870 and 3022187)
	3014986	1	POINT, general purpose (Use w/ TOOTH ASSY. 3014989)
5	3027869	1	SHANK, heavy duty (Use w/ TOOTH ASSY. 3027870)
	3014988	1	SHANK, general purpose (Use w/ TOOTH ASSY. 3014989)
	3022185	1	SHANK, heavy duty (Use w/ TOOTH ASSY. 3022187)
6	3019718	1	CAPSCREW, alloy heat treat, 1/2" NF x 2" (Use with TOOTH ASSY. 3022187 and 3004420)
	3019733	1	CAPSCREW, alloy heat treat, 1/2" NF x 3" (Use with TOOTH ASSY. 3027870)
7	3027871	1	CAPSCREW, alloy heat treat, 1/2" NF x 3" (Use with TOOTH ASSY. 3027870)
	3019717	1	CAPSCREW, alloy heat treat, 1/2" NF x 2-5/8" (Use with TOOTH ASSY. 3014989)
	3019718	1	CAPSCREW, alloy heat treat, 1/2" NF x 2-7/8" (Use with TOOTH ASSY. 3014989, 3022187 and 3004420)
	3019733	1	NUT, locking, 1/2" NF
8	921454	1	PIN, roll, general purpose (Use w/ TOOTH ASSY. 3014989)
	921200	1	PIN, roll, heavy duty (Use w/ TOOTH ASSY. 302787 and 3022187)
9	3004420	-	TOOTH ASSEMBLY, bucket, one piece (Each includes one TOOTH, CAPSCREWS 3019718, 3019717 and two NUT 3019733)
10	-----	-	TOOTH, bucket (Not serviced separately)



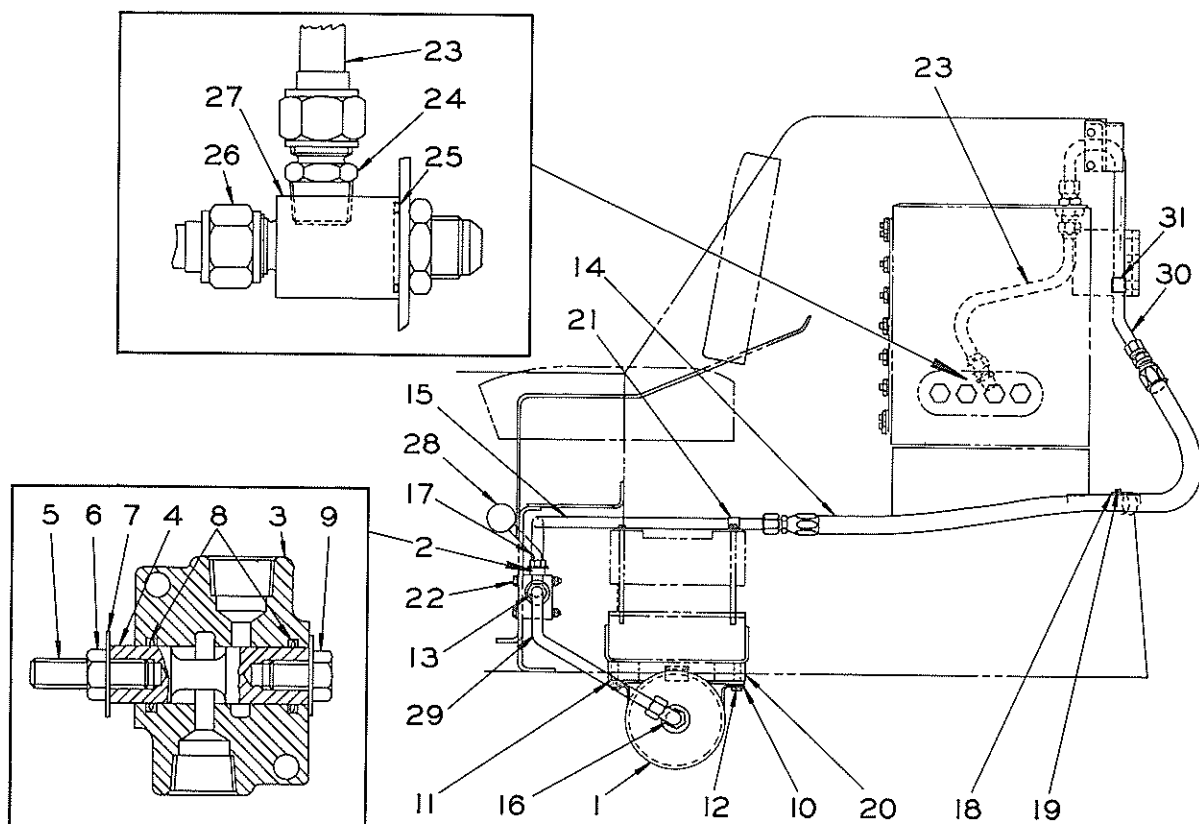
T-71721

HEATER AND DEFROSTER

HEATER AND DEFROSTER

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	3009722	1	VALVE, shut-off
2	3019250	2	HOSE, 5/8" I.D. x 99"
	924289	4	CLAMP, adjustable (61/64" to 1-1/2")
	917026	3	NIPPLE, pipe 3/8" NPT x 1-1/2" (threaded one end)
	901678	2	ELBOW, pipe, 90°, 3/8" NPT
	901503	1	NIPPLE, pipe, 1/2" NPT x 2-1/2"
	901490	2	NIPPLE, pipe, 3/8" NPT x 1-1/2"
	904271	1	BUSHING, pipe, 1/2" x 3/8" NPT
	901705	1	TEE, pipe, 1/2" NPT
	901724	1	ELBOW, street, 90°, 1/2" NPT
3	3016323	6	CLAMP, hose supporting (half)
	915228	3	CAPSCREW, 3/8" NF x 1-1/4"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8" NF
4	3025528	1	STRIP, clamp mounting
5	3024967	1	HEATER ASSEMBLY (Includes 1 CORE 3037026 and item 19)
	915406	4	CAPSCREW, 1/4" NC x 3/4"
	911115	4	WASHER, plain, SAE std., 1/4"
	904204	4	LOCKWASHER, 1/4"
	3037026	1	CORE, heater
6	3025561	1	PLATE, floor, front (Replaces std. floor plate)
7	3025496	1	ADAPTER, defroster, hose
8	3013712	1	CONNECTOR, fuse holder
9	3023548	1	FUSE, heater motor
10	3024874	1	WIRE ASSEMBLY
11	3022351	1	CLIP, defroster hose supporting
12	3022355	1	DIFFUSER ASSEMBLY (Includes pivot screw)
	900575	1	SCREW, machine 1/4" NC x 5/8"
	904204	3	LOCKWASHER, 1/4"
	911114	1	WASHER, plain, SAE std., 1/4"
	910880	3	NUT, 1/4" NC
	916284	2	CAPSCREW, 1/4" NC x 1/2"
13	3022356	1	GROMMET, diffuser
14	3021438	1	HOSE, diffuser (1-3/4" x 35")
	921912	2	CLAMP, adjustable (1-1/16" to 2")
15	3022444	1	SWITCH, rheostat (24 volt)
16	3020738	1	WIRE ASSEMBLY
17	3024875	2	BRACKET, mounting, heater
	916225	4	CAPSCREW, 3/8" NF x 1"
	904206	4	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8" NF
18	3013907	1	CLIP, hose supporting
19	3039281	1	MOTOR, heater



ACCUMULATOR

T-71722

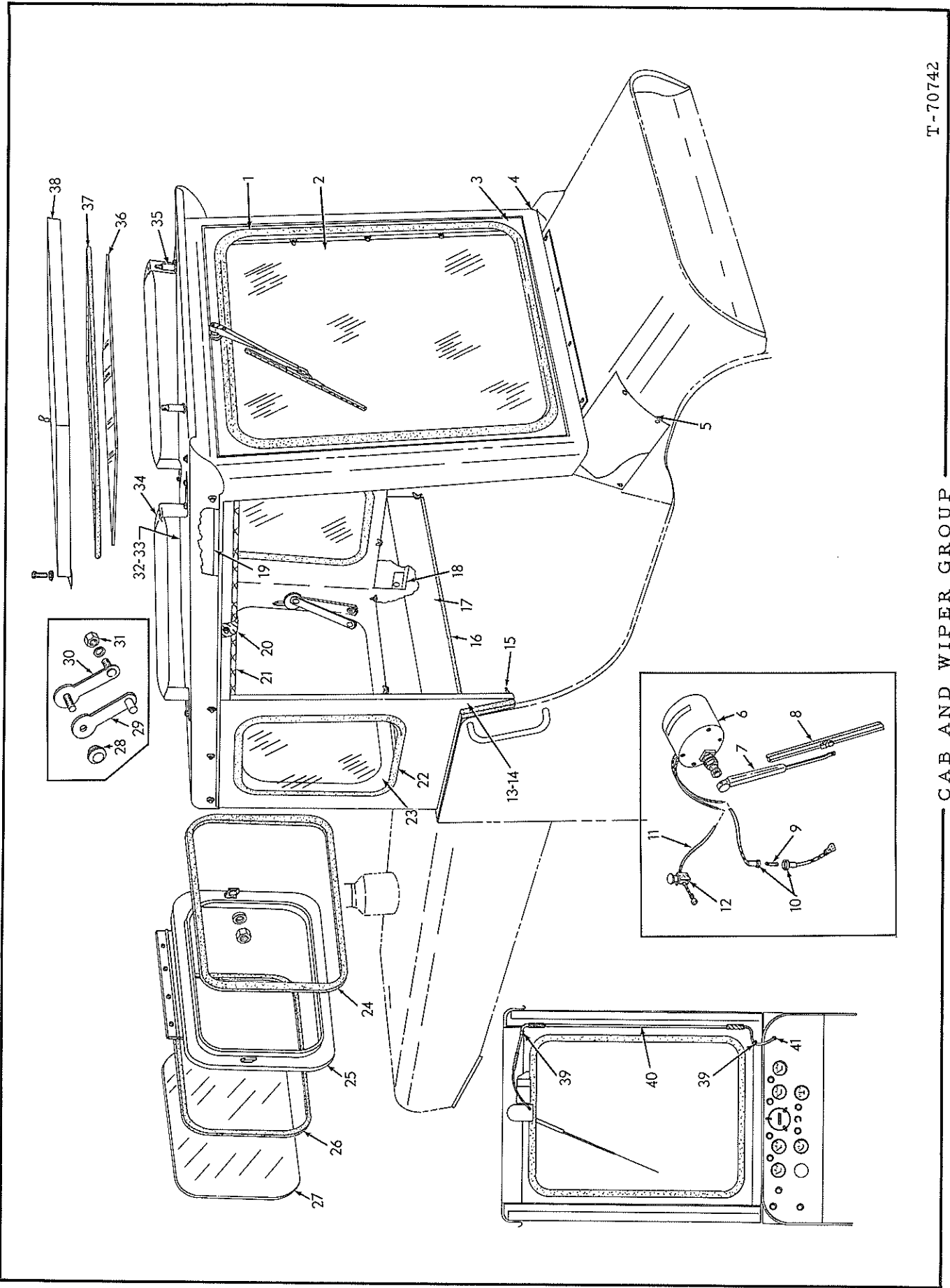
USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	3024088	1	ACCUMULATOR ASSEMBLY (Serviced only as a unit)
2	3027596	1	VALVE ASSY., selector (Includes items 3 thru 9)
3	-----	1	HOUSING, valve (Not serviced separately)
4	-----	1	PLUNGER (Not serviced separately)
5	3023433	1	STUD (Replaced by item 17)
6	911043	1	NUT, jam, 1/2" NF
7	910244	2	WASHER, plain, SAE std., 1/2"
8	3023434	2	RING, quad.
9	916419	1	CAPSCREW, 1/2" NF x 3/4"
10	3024089	1	STRAP
11	3024087	1	BRACKET
12	913105	4	CAPSCREW, 1/2" NF x 1-1/2"
	904208	4	LOCKWASHER, 1/2"

(Continued)

ACCUMULATOR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	919342	1	ADAPTER, left side of selector valve
	919269	1	ELBOW (90°) (Right side of selector valve)
14	3027959	1	HOSE ASSEMBLY (See page 6 for parts)
15	3027956	1	TUBE ASSEMBLY
16	921203	1	ELBOW, flare type, 90°, 3/4" tube, 1-1/16" straight thread (Includes 1 O-RING 921214)
17	3027957	1	STUD
18	3001437	1	CLAMP
19	915809	1	CAPSCREW, 5/16" NC x 3/4"
	904205	1	LOCKWASHER, 5/16"
	911986	1	WASHER, plain, SAE std., 5/16"
20	3014753	2	BLOCK, tapped
21	3016304	1	CLIP
22	916385	2	CAPSCREW, 3/8" NF x 2"
	913528	2	NUT, safety, 3/8" NF
23	3021828	1	TUBE ASSEMBLY
24	919342	1	ADAPTER
25	923649	2	O-RING, sealing
26	3021830	1	TUBE ASSEMBLY
27	3020377	1	TEE, bulkhead
28	090020	1	KNOB
29	3027958	1	TUBE ASSEMBLY
30	3027960	1	TUBE ASSEMBLY
31	3023535	1	CLIP



T-70742

CAB AND WIPER GROUP

CAB AND WIPER GROUP

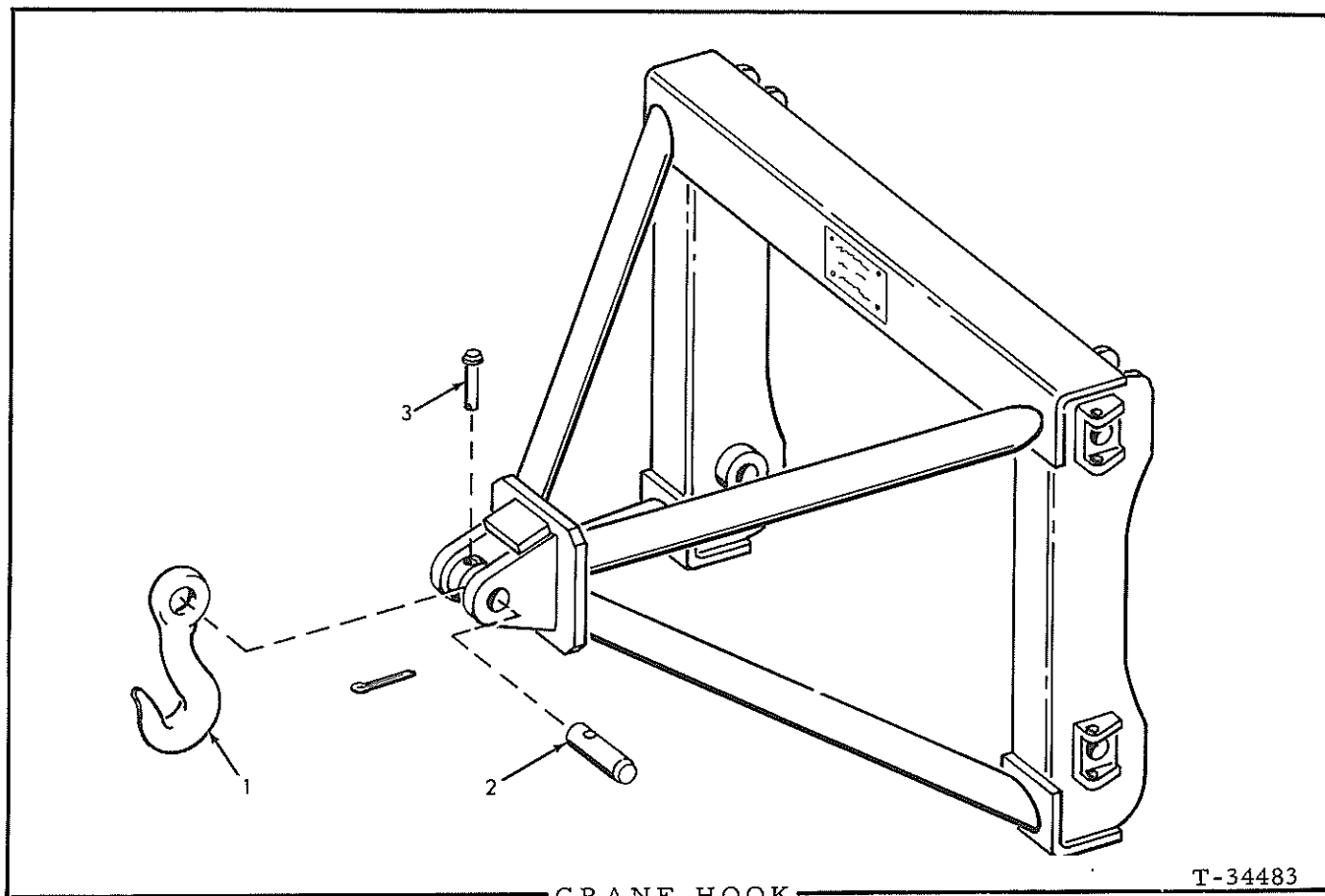
USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	CAB AND WIPER GROUP (See Machinery Manual)
1	3041757	1	STRIP, weather, windshield
2	3041749	1	GLASS, windshield
3	3041746	1	PANEL ASSEMBLY, front (Includes items 1 and 2)
	915809	14	CAPSCREW, 5/16" NC x 3/4"
	910335	28	WASHER, plain, SAE std., 5/16"
	904205	14	LOCKWASHER, 5/16"
	910323	14	NUT, 5/16" NC
4	3041747	1	PANEL, front
	915809	5	CAPSCREW, 5/16" NC x 3/4"
	910335	10	WASHER, plain, SAE std., 5/16"
	904205	5	LOCKWASHER, 5/16"
	910323	5	NUT, 5/16" NC
5	3041635	1	BRACKET, left
	3041636	1	BRACKET, right
	915809	6	CAPSCREW, 5/16" NC x 3/4"
	910335	12	WASHER, plain, SAE std., 5/16"
	904205	6	LOCKWASHER, 5/16"
	910323	6	NUT, 5/16" NC
6	3041811	1	MOTOR, wiper (12 volt)
	3039947	1	MOTOR, wiper (24 volt)
7	3039948	1	ARM, wiper (14")
8	3041784	1	BLADE, wiper (10")
9	3041596	1	FUSE, wiper motor (6 amp.) (For 12 volt system)
	3040013	1	FUSE, wiper motor (3 amp.) (For 24 volt system)
10	3040014	1	WIRE ASSEMBLY (Includes terminal)
11	3039919	1	WIRE ASSEMBLY (Includes terminal)
12	605411	1	SWITCH, wiper
13	3041595	1	PANEL ASSEMBLY, rear (Includes 1 WINDOW ASSEMBLY 3041631 and items 14, 16, 17, 22 and 23)
	915809	11	CAPSCREW, 5/16" NC x 3/4"
	910335	11	WASHER, plain, SAE std., 5/16"
	904205	11	LOCKWASHER, 5/16"
	910323	11	NUT, 5/16" NC
14	3041752	1	PANEL, rear
15	3039870	45	STUD, turn button
	904203	45	LOCKWASHER, #10
	910251	45	NUT, #10 NF
16	3041754	1	GASKET, mounting, tank cover
17	3041753	1	COVER, hydraulic tank
	915017	5	NUT, wing, 3/8" NC
18	3041755	2	GASKET, mounting, rear panel
19	3041628	1	HEADER, left
	3041629	1	HEADER, right

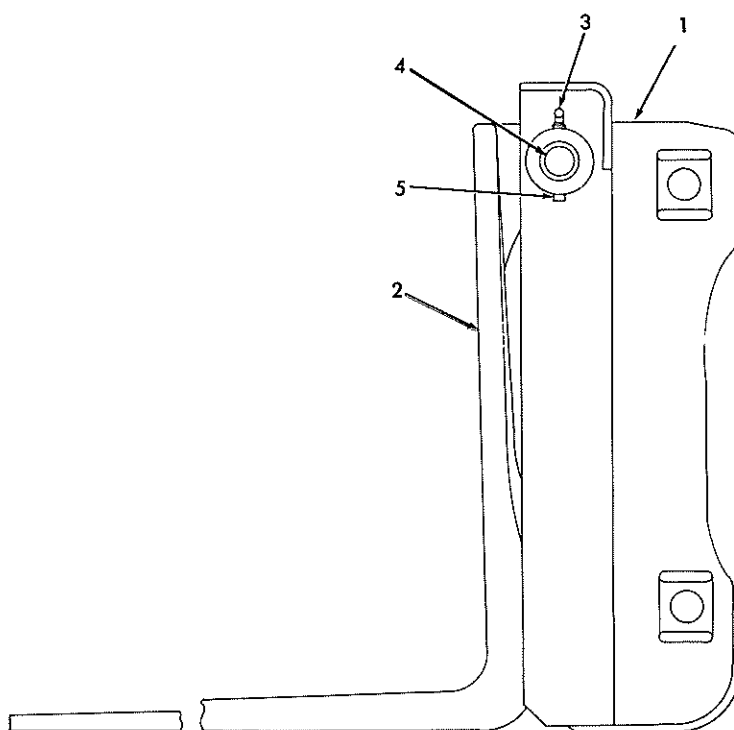
(Continued)

CAB AND WIPER GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
20	3039878	1	STRAP, door holder
	918156	2	SCREW, machine, 1/4" NC x 5/8"
	911114	2	WASHER, plain, SAE std., 1/4"
	904204	2	LOCKWASHER, 1/4"
21	3039868	1	DOOR, canvas, left
	3039869	1	DOOR, canvas, right
22	3039860	2	STRIP, weather, side window
23	3041632	2	GLASS, side, left and right
-	3041631	1	WINDOW ASSEMBLY, rear (Includes items 24 thru 30)
24	3041648	1	GASKET, rear frame
25	3041646	1	FRAME, rear window
	916271	6	CAPSCREW, 3/8" NC x 1"
	911115	6	WASHER, plain, SAE std., 3/8"
	904206	3	LOCKWASHER, 3/8"
	910324	3	NUT, 3/8" NC
26	3041649	1	STRIP, weather
27	3041647	1	GLASS, rear window
28	3041782	2	KNOB
29	3039852	1	ARM, female, right
	3039858	1	ARM, female, left
30	3039853	2	ARM, male, left and right
31	3039856	4	NUT, flexloc, 3/8" NC
	911115	4	WASHER, plain, SAE std., 3/8"
32	3041745	4	ROOF ASSEMBLY (Includes 1 ROOF 3041750 and items 35 thru 38)
33	3041750	1	ROOF, cab
	915809	16	CAPSCREW, 5/16" NC x 3/4"
	910335	16	WASHER, plain, SAE std., 5/16"
	904205	16	LOCKWASHER, 5/16"
	910323	16	NUT, 5/16" NC
34	3039879	2	HANDLE, roof
	915809	8	CAPSCREW, 5/16" NC x 3/4"
	910335	8	WASHER, plain, SAE std., 5/16"
	904205	8	LOCKWASHER, 5/16"
	910323	8	NUT, 5/16" NC
35	3039867	2	HOSE, sealing, roof
36	3041653	1	GLASS, roof
37	3041649	1	STRIP, weather
38	3041654	1	FRAME, glass, top
	915809	4	CAPSCREW, 5/16" NC x 3/4"
	910335	4	WASHER, plain, SAE std., 5/16"
	904205	4	LOCKWASHER, 5/16"
	910323	4	NUT, 5/16" NC
39	308845	2	CLIP, wire supporting
40	3024520	1	WIRE ASSEMBLY, to wiper motor
41	3029279	1	GROMMET, rubber



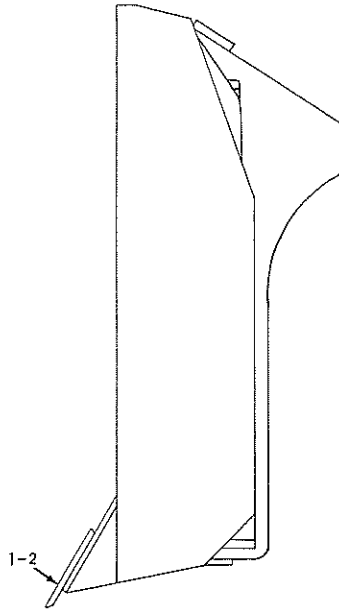
ITEM	PART NO.	QTY.	DESCRIPTION
1	3003458	1	HOOK
2	3004830	1	PIN
3	3001621 900806	1 1	PIN, locking PIN, cotter, 1/8" x 1"



LIFT FORK

T-71723

ITEM	PART NO.	QTY.	DESCRIPTION
1	3024319	1	FRAME
2	3017913	2	FORK
3	3003508	8	SLEEVE
	3002629	2	T-SCREW
4	3024317	1	BAR
5	3001622	1	PIN, locking
	900806	1	PIN, cotter, 1/8" x 1"



DOZER MOLDBOARD ASSEMBLY

T-34482

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	3001683	1	EDGE, cutting
2	911633	16	BOLT, plow, ctsk. -hd., 5/8" NC x 2"
	904209	16	LOCKWASHER, 5/8"
	911029	16	NUT, 5/8" NC

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