

JLG[®]

GRADALL[®]

PART MANUAL

GRADALL[®]

552/554

9020-5894

April 24, 2006

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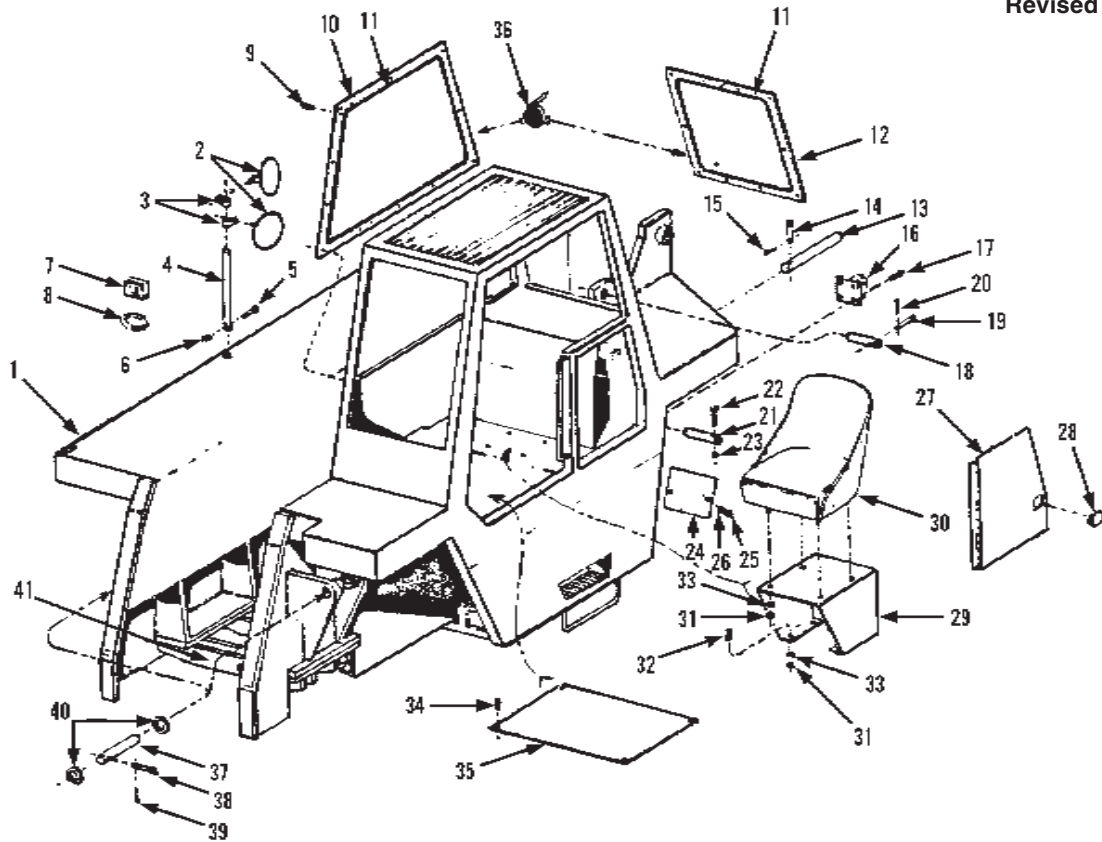
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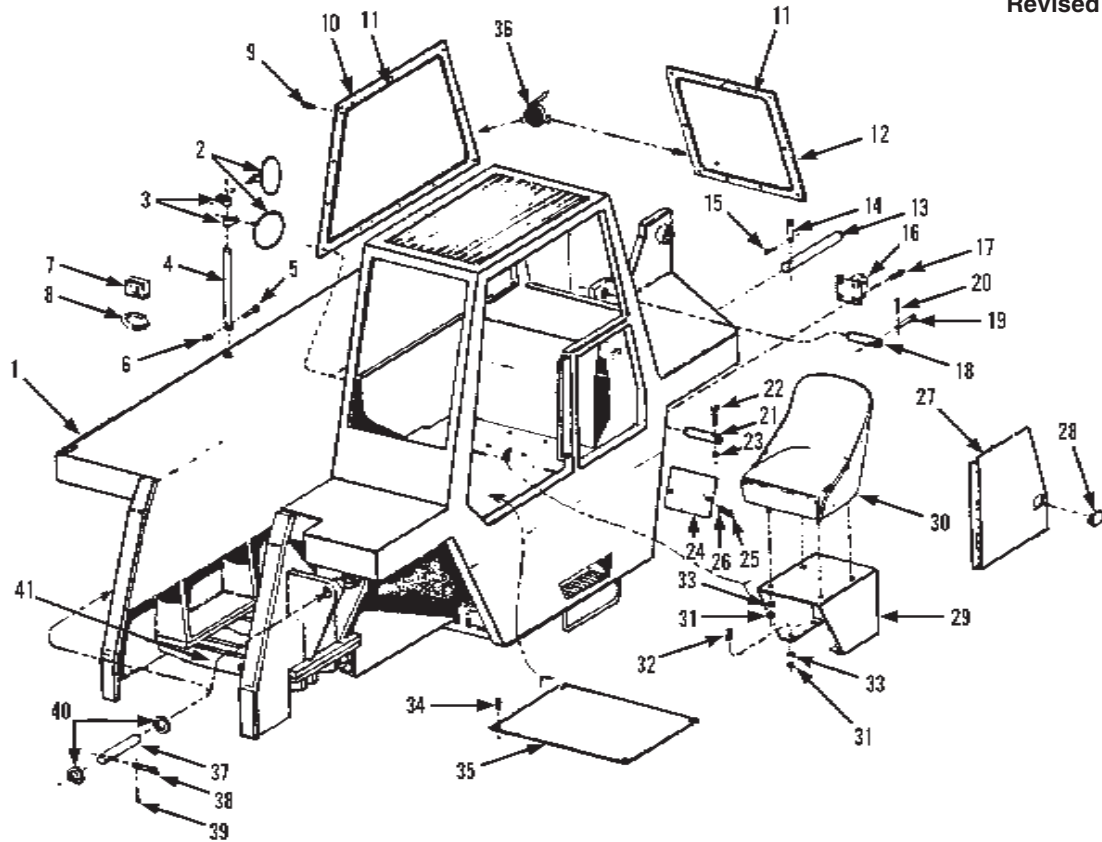
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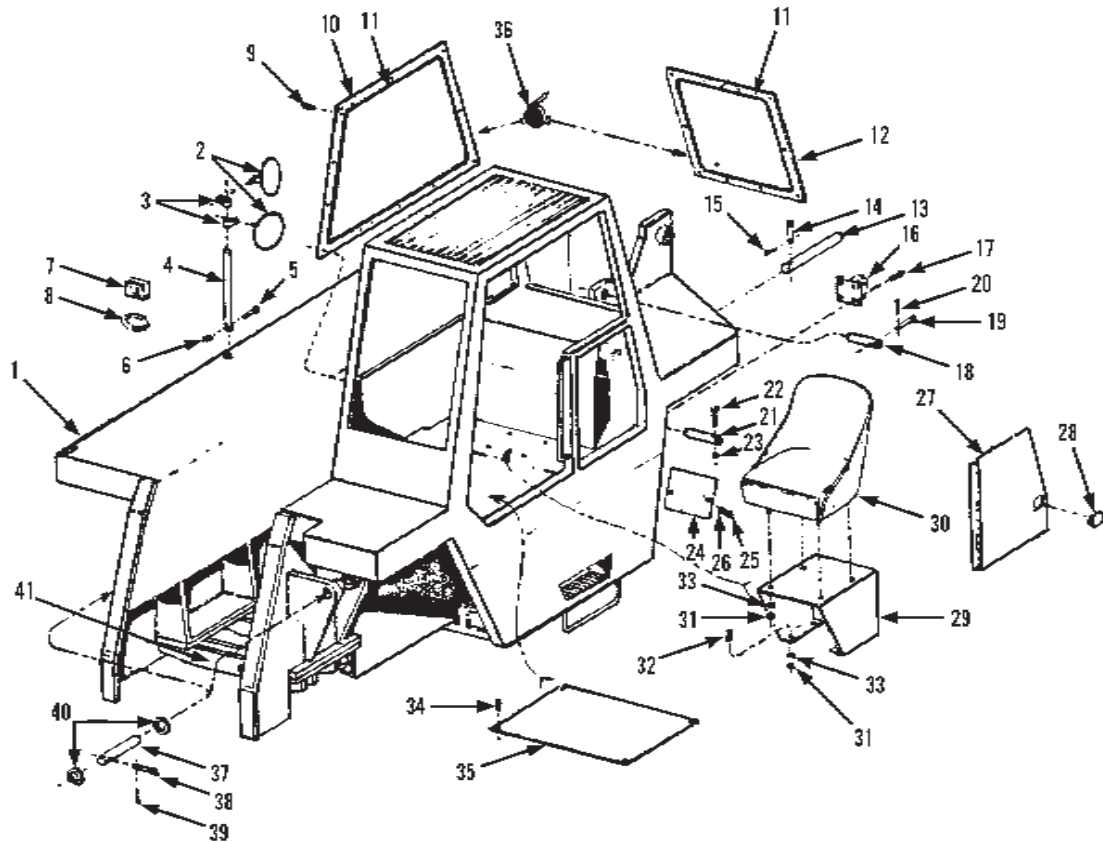


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		1	FRAME	21	9002-2013	2	LIFT CYLINDER MOUNT PIN
2	9020-1457	2	CONVEX 8" MIRROR	22	8820-1069	2	BOLT, 5/8X6, GR5
3	9002-1712	2	MIRROR MOUNTING CLIP	23	8850-1010	2	NUT, 5/8
4	9040-0849	1	MIRROR MOUNTING PIPE	24	9020-0520	1	BATTERY ACCESS COVER
5	8820-1035	1	BOLT, 3/8X1, GR5	25	8820-1035	2	BOLT, 3/8X1, GR5
6	8850-1006	1	NUT, 3/8	26	8856-1109	2	LOCKWASHER, 3/8
7	9020-2948	1	LEVELING GAUGE (some machines use item 8, check machine before ordering)	27	9040-0470	1	SERVICE DOOR
8	9020-3839	1	LEVELING GAUGE	28	9020-0515	1	SERVICE DOOR LATCH
9	9002-7316	20	SELF-TAPPING SCREW	29	9020-3505	1	SEAT MOUNTING BRACKET
10	9060-0519	1	SIDE WINDOW FRAME (9040-0791 w/ glass)	30	9020-7278	1	SEAT
11	9020-0900	AR	GROMMET (bulk)	31	8850-1008	8	NUT, 5/16
12	9060-0518	1	REAR WINDOW FRAME (9040-0788 w/ glass)	32	8820-1020	4	BOLT, 5/16X1, GR5
13	9002-1198	2	REAR AXLE OSCILLATING PIN	33	8855-1013	8	WASHER, 5/16
14	9002-1616	2	CLEVIS PIN	34	8820-1065	4	BOLT, 1/2X1, GR5
15	9002-1442	2	COTTER PIN	35	9020-0507	1	FLOOR PLATE
16	9020-0902	1	TOW HOOK	36	9020-0755	AR	FOAM WEATHER STRIPPING
17	8820-1068	4	BOLT, 1/2X1-3/4, GR5	37	9040-0438	4	PIN
18	9002-2015	1	COMPENSATING CYLINDER MOUNT	38	9002-1622	4	CLEVIS PIN
19	9002-1622	1	CLEVIS PIN	39	8863-1320	4	COTTER PIN
20	8863-1318	1	COTTER PIN	40		8	SPACER
							NOTE: PURCHASE GLASS LOCALLY (1/4 safety sheet - tint)

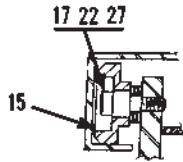


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		1	FRAME	20	8863-1318	1	COTTER PIN
2	9020-1457	2	CONVEX 8" MIRROR	21	9002-2013	2	LIFT CYLINDER MOUNT PIN
3	9002-1712	2	MIRROR MOUNTING CLIP	22	8820-1069	2	BOLT, 5/8X6, GR5
4	9040-0849	1	MIRROR MOUNTING PIPE	23	8850-1010	2	NUT, 5/8
5	8820-1035	1	BOLT, 3/8X1, GR5	24	9020-0520	1	BATTERY ACCESS COVER
6	8850-1006	1	NUT, 3/8	25	8820-1035	2	BOLT, 3/8X1, GR5
7	9020-2948	1	LEVELING GAUGE (some machines use item 8, check machine before ordering)	26	8856-1109	2	LOCKWASHER, 3/8
8	9020-3839	1	LEVELING GAUGE	27	9040-0470	1	SERVICE DOOR
9	9002-7316	20	SELF-TAPPING SCREW	28	9020-0515	1	SERVICE DOOR LATCH
10	9060-0519	1	SIDE WINDOW FRAME (9040-0791 w/ glass)	29	9020-3505	1	SEAT MOUNTING BRACKET
11	9020-0900	AR	GROMMET (bulk)	30	9020-7278	1	SEAT
12	9060-0518	1	REAR WINDOW FRAME (9040-0788 w/ glass)	31	8850-1008	8	NUT, 5/16
13	9020-0865	1	REAR AXLE OSCILLATING PIN	32	8820-1020	4	BOLT, 5/16X1, GR5
	9040-1795	1	PIN, W/ 9002-2234 NUT (current production)	33	8855-1013	8	WASHER, 5/16
14	9002-9945	1	CLEVIS PIN	34	8820-1065	4	BOLT, 1/2X1, GR5
15	9002-1442	1	COTTER PIN	35	9020-0507	1	FLOOR PLATE
16	9020-0902	1	TOW HOOK	36	9020-0755	AR	FOAM WEATHER STRIPPING
17	8820-1068	4	BOLT, 1/2X1-3/4, GR5	37	9040-0438	4	PIN
18	9002-2015	1	COMPENSATING CYLINDER MOUNT	38	9002-1622	4	CLEVIS PIN
19	9002-1622	1	CLEVIS PIN	39	8863-1320	4	COTTER PIN
				40		8	SPACER

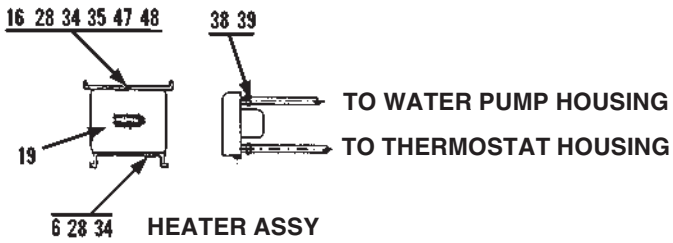
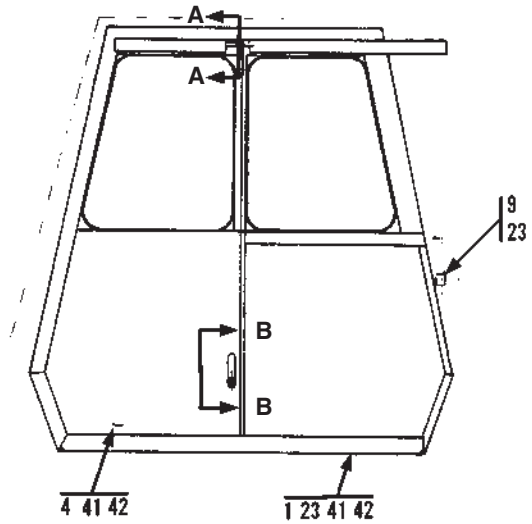
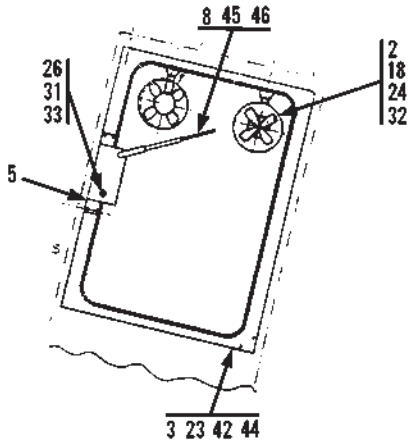
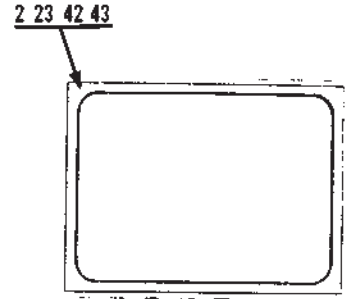
NOTE: PURCHASE GLASS
 LOCALLY (1/4 safety sheet - tint)



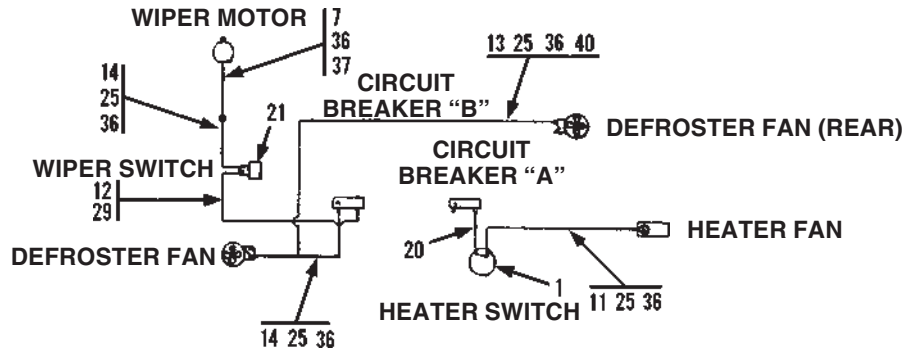
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		1	FRAME	20	8863-1318	1	COTTER PIN
2	9020-1457	2	CONVEX 8" MIRROR	21	9002-2013	2	LIFT CYLINDER MOUNT PIN
3	9002-1712	2	MIRROR MOUNTING CLIP	22	8820-1069	2	BOLT, 5/8X6, GR5
4	9040-0849	1	MIRROR MOUNTING PIPE	23	8850-1010	2	NUT, 5/8
5	8820-1035	1	BOLT, 3/8X1, GR5	24	9020-0520	1	BATTERY ACCESS COVER
6	8850-1006	1	NUT, 3/8	25	8820-1035	2	BOLT, 3/8X1, GR5
9	9002-7316	20	SELF-TAPPING SCREW	26	8856-1109	2	LOCKWASHER, 3/8
10	9060-0519	1	SIDE WINDOW FRAME (9040-0791 w/ glass)	27	9040-0470	1	SERVICE DOOR
11	9020-0900	AR	GROMMET (bulk)	28	9020-0515	1	SERVICE DOOR LATCH
12	9060-0518	1	REAR WINDOW FRAME (9040-0788 w/ glass)	29	9020-3505	1	SEAT MOUNTING BRACKET
13	9020-0865	1	REAR AXLE OSCILLATING PIN	30	9020-7278	1	SEAT
	9040-1795	1	PIN, W/ 9002-2234 NUT (current production)	31	8850-1008	8	NUT, 5/16
14	9002-9945	1	CLEVIS PIN	32	8820-1020	4	BOLT, 5/16X1, GR5
15	9002-1442	1	COTTER PIN	33	8855-1013	8	WASHER, 5/16
16	9020-0902	1	TOW HOOK	34	8820-1065	4	BOLT, 1/2X1, GR5
17	8820-1068	4	BOLT, 1/2X1-3/4, GR5	35	9020-0507	1	FLOOR PLATE
18	9002-2015	1	COMPENSATING CYLINDER MOUNT	36	9020-0755	AR	FOAM WEATHER STRIPPING
19	9002-1622	1	CLEVIS PIN				NOTE: PURCHASE GLASS LOCALLY (1/4 safety sheet - tint)



SECT. "A" - "A" ROLLER ASSY

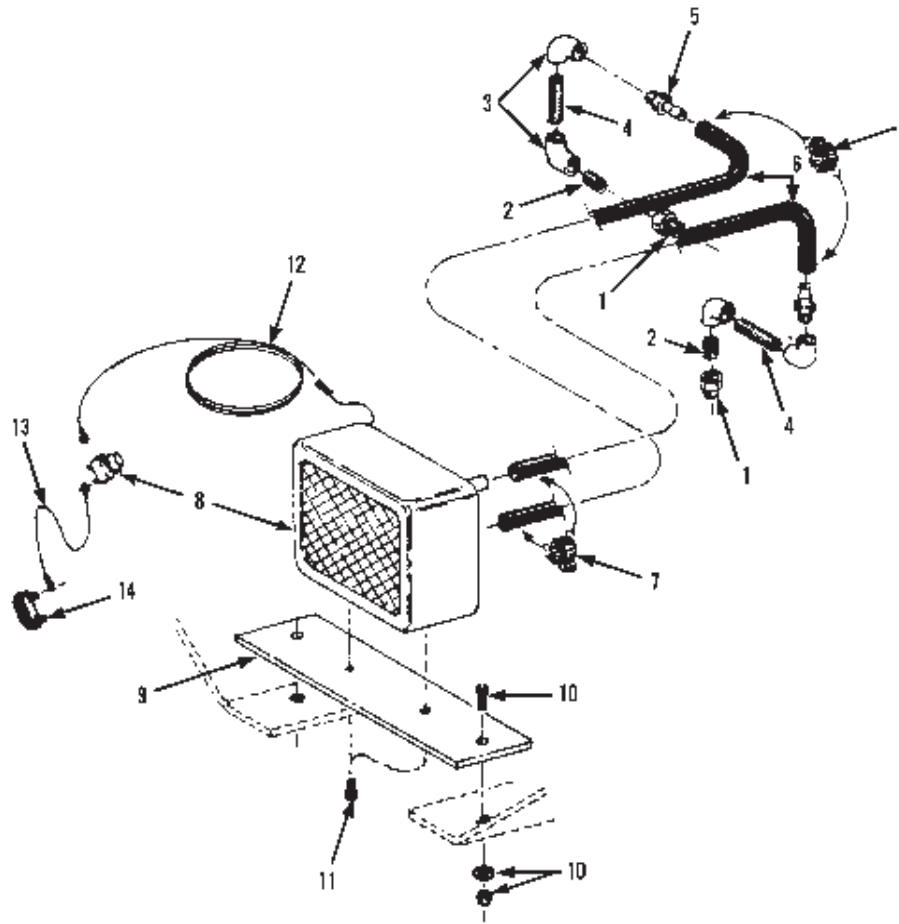


VIEW "B" - "B" LATCH ASSY

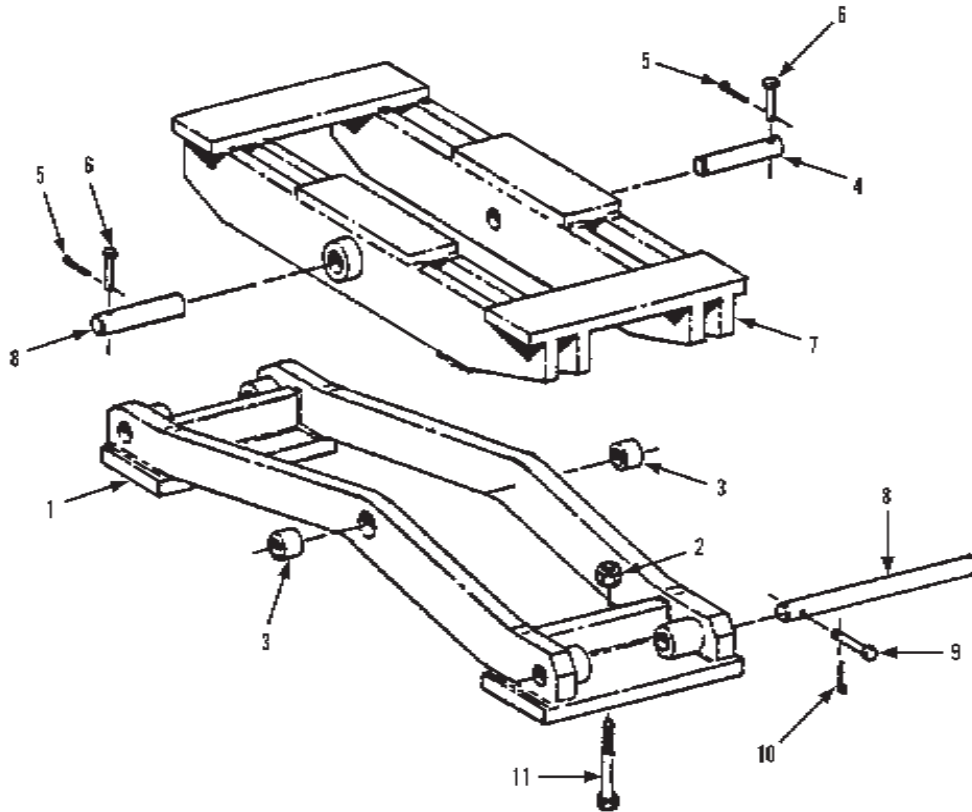


WIRING SCHEMATIC

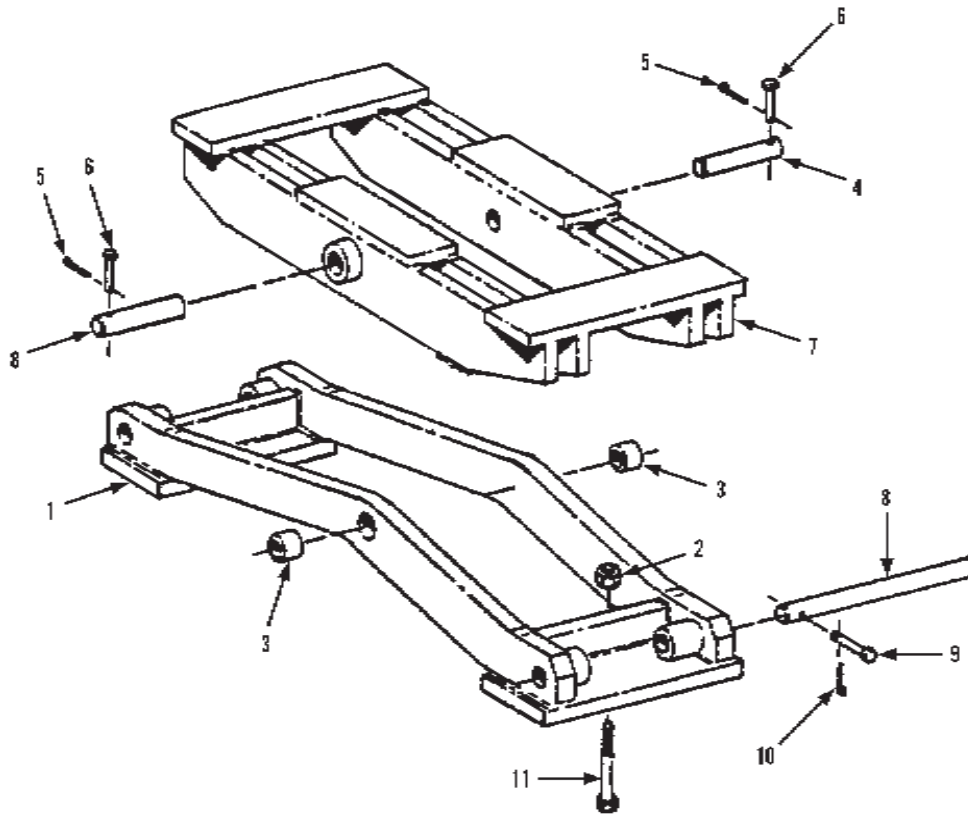
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9101-5007		HEATED CAB (includes all items)	27	8856-1108	6	FLAT WASHER, 5/16
1	7738-3744	1	HEATER SWITCH	28	8856-1107	4	FLAT WAHSER, 1/4
2	8852-1605	8	HEX LOCKNUT, #10-24	29	8698-3188	2	CONNECTOR
3	9060-0517	1	FRONT WINDOW FRAME	30	8850-1106	2	HEAVY HEX JAM NUT, 3/8-16
4	9060-0516	1	DOOR WELDMENT	31	8850-1006	1	HEAVY HEX NUT, 3/8-16
5	9040-3308	1	WIPER BOX	32	8821-1029	8	SOCKET HD CAPSCREW, #10-24X5/8, GR8
6	9101-1109	1	HEATER BRACKET	33	8820-1035	1	HEX HD CAPSCREW, 3/8-16X1, GR5
7	9020-7472	1	JUMPER WIRE	34	8820-1003	4	HEX HD CAPSCREW, 1/4-20X3/4, GR5
* 8	9020-7246	1	WIPER MOTOR	35	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
9	9020-7235	1	DOOR STOP	36	8698-3193	6	BULLET TERMINAL
10	9020-4042	1	BAR LATCH	37	8668-3480	1	CRIMP ON CONNECTOR
11	9020-4038	1	JUMPER WIRE	38	8668-3193	4	CLAMP
12	9020-3376	1	FUSE HOLDER	39	8476-1107	2	HEATER HOSE
13	9020-0919	2	JUMPER WIRE	40	2460-1589	1	CONNECTOR
14	9020-0914	2	JUMPER WIRE	41		2	DOOR GLASS (see page 2-12 for details)
15	9020-0893	2	ROLLER	42	8366-1145	37'	WEATHER STRIP
16	8850-1004	2	HEX NUT, 1/4-20	43		1	TOP WINDOW (see page 2-12 for details)
17	9020-0688	2	BEARING	44		1	FRONT WINDOW (see page 2-12 for details)
18	9020-0680	2	FAN	45	9103-3464	1	WIPER ARM
19	9104-3429	1	HEATER	46	9103-3465	1	WIPER BLADE
20	9020-0355	1	JUMPER WIRE	47	9101-1115	1	HEATER BRACKET
21	9020-0171	1	PUSH PULL SWITCH	48	8855-1009	2	LOCKWASHER, 1/4
22	9002-6492	2	SOCKET HD SHOULDER SCREW				
23	9002-7316	22	SCREW				
24	9002-7214	2	BUTTON GROMMET				
25	9002-6830	5	CONNECTOR				
26	8856-1109	4	FLAT WASHER, 3/8				



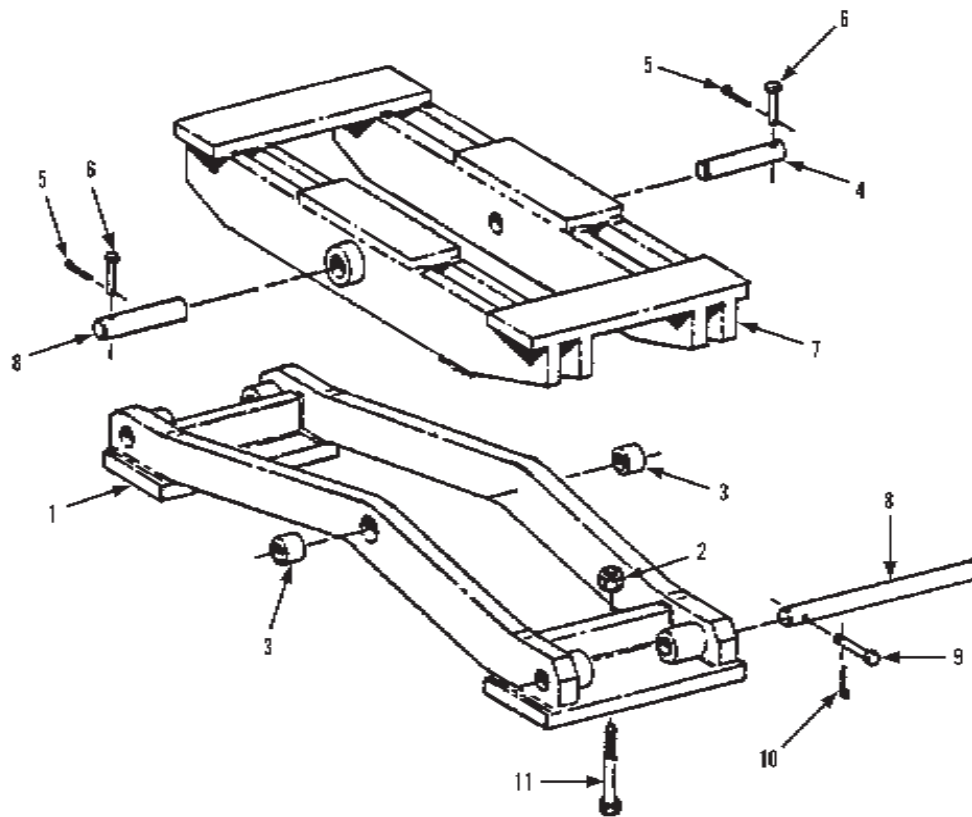
Item	Part No.	Qty.	Description Of Part
1	8871-1387	2	REDUCING BUSHING, 3/4X3/8
2	8870-1003	2	CLOSE NIPPLE, 3/8-1
3	8871-2053	1	ELBOW - 90 DEGREES, 3/8
4	8870-1055	2	NIPPLE, 3/8X3
5	9002-9989	2	HOSE INSERT
6	8476-1107	2	HOSE - 78" LONG (see page 2-4 item # 39)
7	8668-3193	2	HOSE CLAMP
8	9020-0679	1	HEATER (includes switch)
	9103-4098	1	SWITCH
9	9040-0683	1	HEATER MOUNTING BRACKET
10	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
	8856-1109	2	FLAT WASHER, 3/8
	8850-1006	2	HEX NUT, 3/8-16
11	8820-1001	2	HEX HD CAPSCREW, 1/4-20X1/2, GR5
	9020-0914	1	JUMPER WIRE
	9020-0355	1	JUMPER WIRE
14	9020-0506	1	CIRCUIT BREAKER



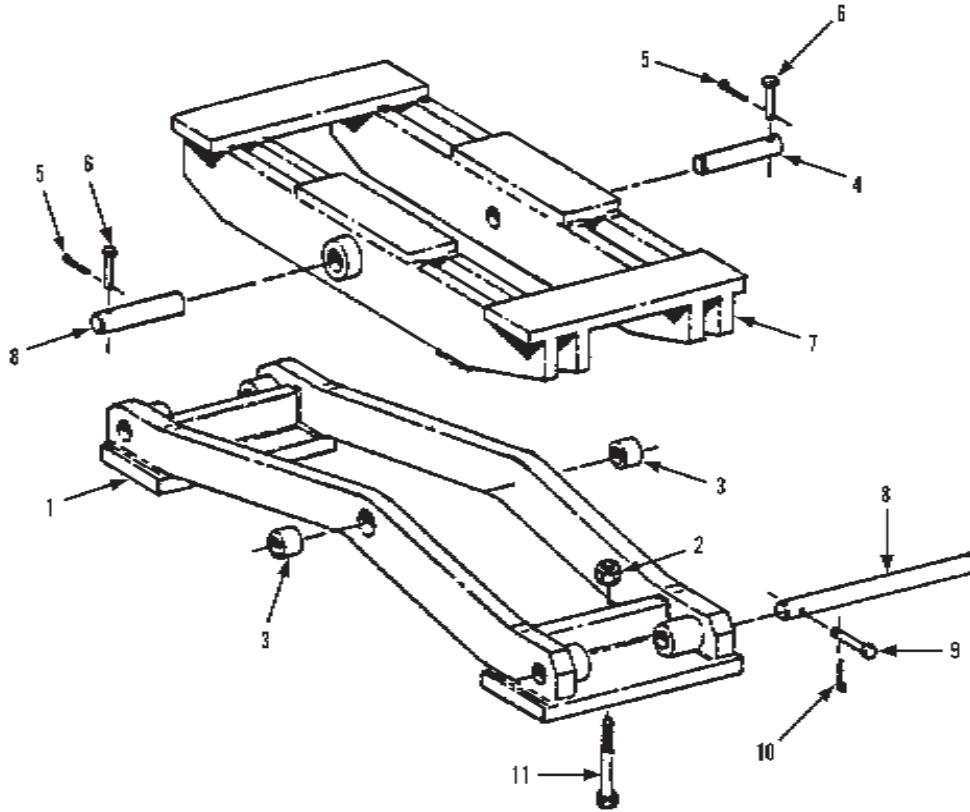
Item	Part No.	Qty.	Description Of Part
1	9080-0260	1	CRADLE
2	9002-1211	8	NUT, 1
3	9002-2085	2	BUSHING
4	9002-1998	2	PIN
5	8853-1318	2	COTTER PIN, 1/8X1
6	9002-1616	2	CLEVIS PIN, 5/8X3-1/4
7	9060-0316	1	CRADLE, cradle to frame
8	9040-0437	2	PIN
9	9002-1646	2	CLEVIS PIN, 5/8X5
10	8863-1320	2	COTTER PIN, 1/8X1-1/2
11	9002-6642	8	BOLT, 1X11, GR5



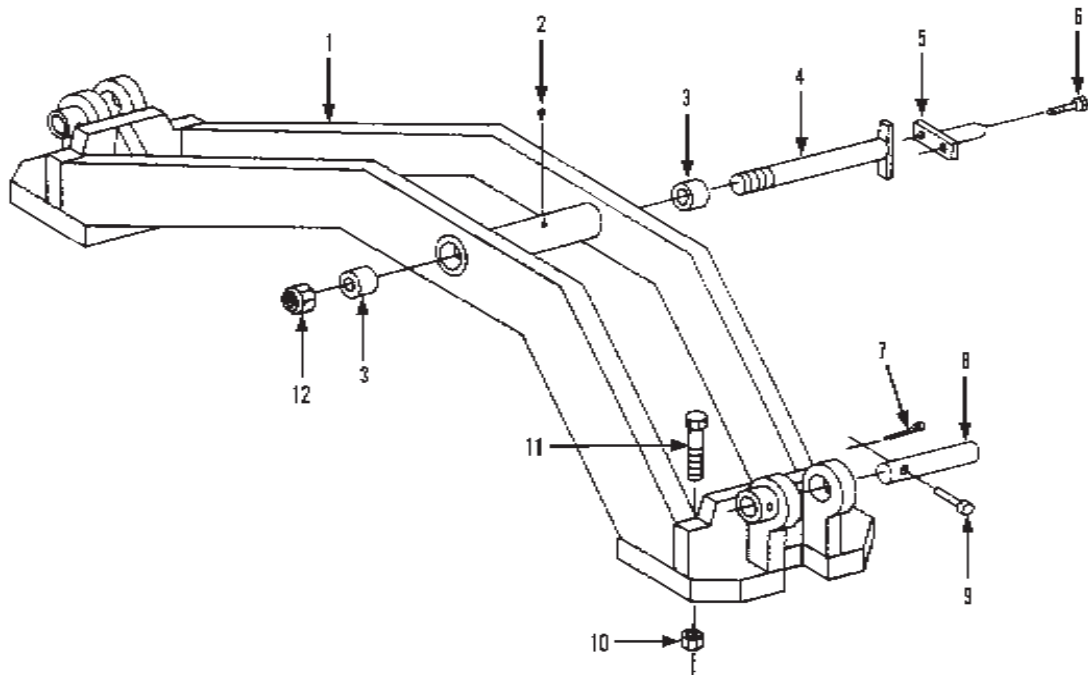
Item	Part No.	Qty.	Description Of Part
1	9080-0534	1	CRADLE
2	8850-1012	8	NUT, 3/4
3	9002-2095	2	BUSHING
4	9020-0856	1	PIN
5	8860-1318	1	COTTER PIN, 1/8X1
6	9002-1616	1	CLEVIS PIN, 5/8X3-1/4
7	9080-0533	1	CRADLE, cradle to frame
8	9040-0437	2	PIN
9	9002-1646	2	CLEVIS PIN, 5/8X5
10	8863-1320	2	COTTER, PIN, 1/8X1-1/2
11	8820-1337	8	BOLT, 3/4X8, GR5



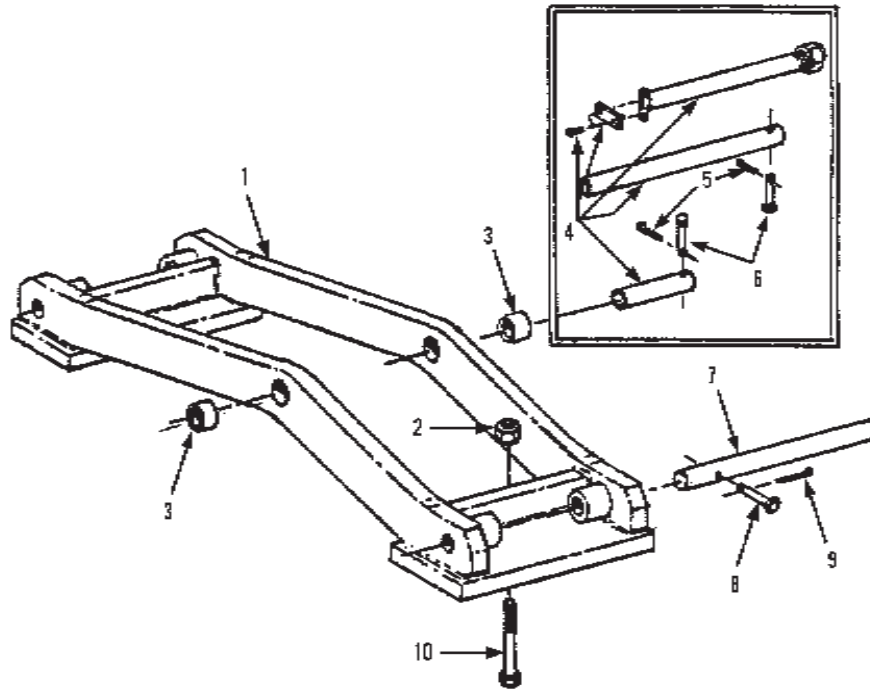
Item	Part No.	Qty.	Description Of Part
1	9080-0619	1	CRADLE
2	9002-1211	8	NUT, 1
3	9002-2095	2	BUSHING
4	9020-0856	1	PIN
5	8863-1318	1	COTTER PIN, 1/8X1
6	9002-1616	1	CLEVIS PIN, 5/8X3-1/4
7	9080-0533	1	CRADLE, cradle to frame
8	9040-0437	2	PIN
9	9002-1646	2	CLEVIS PIN, 5/8X5
10	8863-1320	2	COTER PIN, 1/8X1-1/2
11	8320-1100	8	BOLT, 1X9



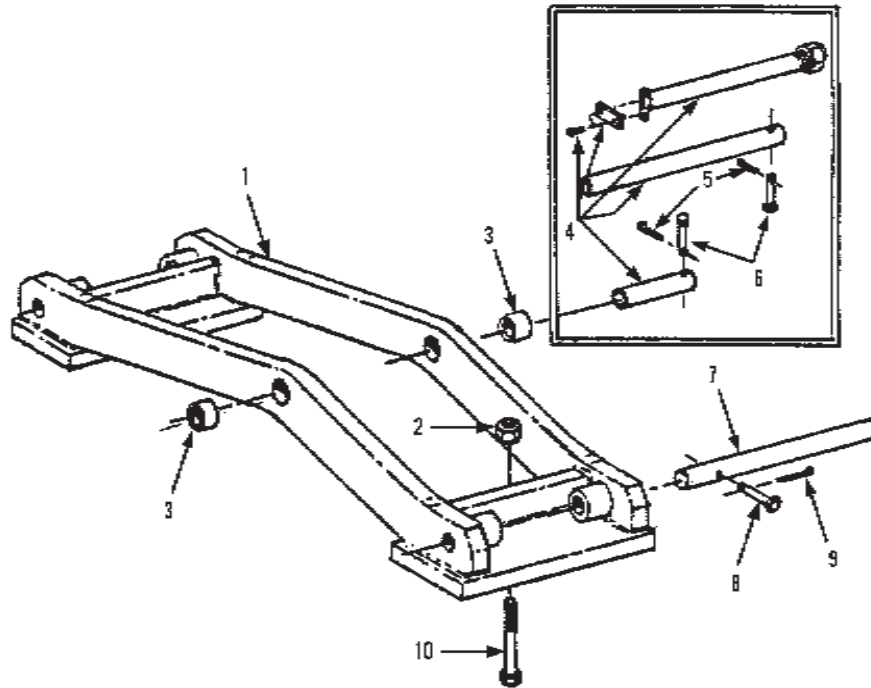
Item	Part No.	Qty.	Description Of Part
1	9080-0534	1	CRADLE
2	8850-1014	8	NUT, 7/8
3	9002-2095	2	BUSHING
	9002-2150	4	BUSHING (greaseable)
4	9020-0856	1	PIN
5	8863-1318	1	COTTER PIN, 1/8X1
6	9002-1616	1	CLEVIS PIN, 5/8X3-1/4
7	9080-0511	1	CRADLE, cradle to frame
8	9040-0437	2	PIN
9	9002-1646	2	CLEVIS PIN, 5/8X5
10	8863-1320	2	COTTER PIN, 1/8X1-1/2
11	9002-7750	8	BOLT, 7/8X10, GR5



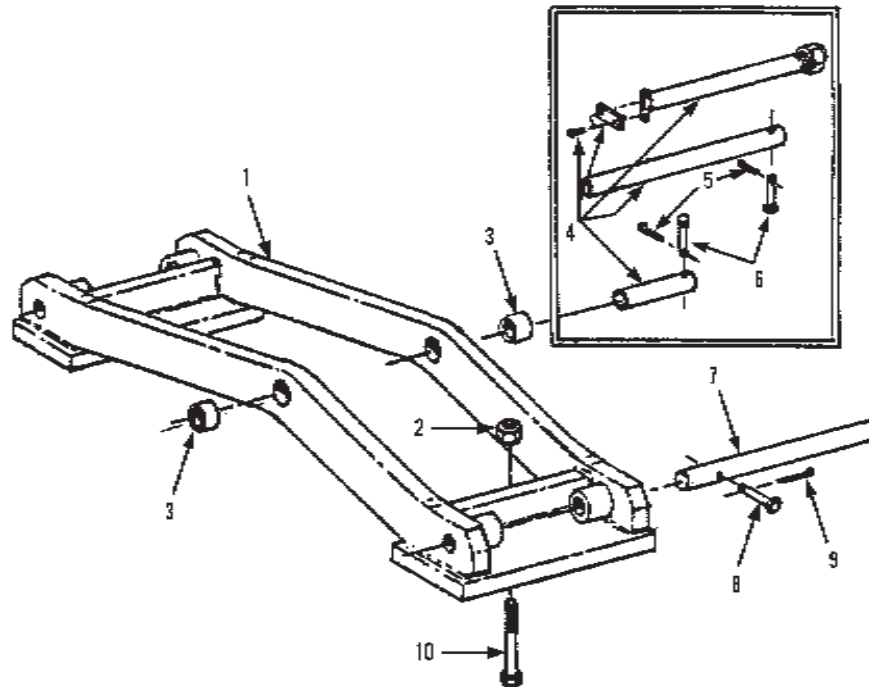
Item	Part No.	Qty.	Description Of Part
1	9102-6020	1	CRADLE
2	8867-1022	1	LUBE FITTING - 90 DEGREES, 1/8
3	9002-2150	2	BUSHING
4	9040-1795	1	PIN
5	9020-0977	1	RETAINER BAR
6	8584-1034	2	CAPSCREW
7	8863-1318	2	COTTER PIN, 1/8X1
8	9002-2000	2	PIN
9	9002-1622	2	CLEVIS PIN
10	8850-1012	8	HEX NUT, 3/4-10
11	7710-1144	8	CAPSCREW
12	9002-2234	1	NUT



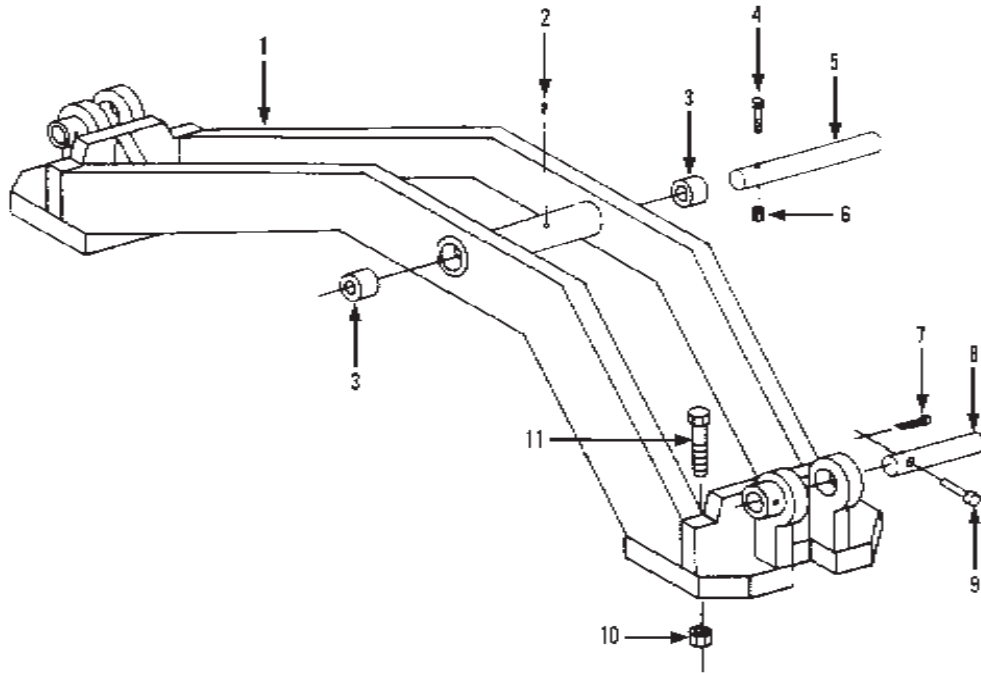
Item	Part No.	Qty.	Description Of Part
1	9060-0159	1	CRADLE
2	9002-1211	8	NUT, 1
3	9002-2085	2	BUSHING
4	9002-1998	2	PIN
5	8863-1318	2	COTTER PIN, 1/8X1
6	9002-1616	2	CLEVIS PIN, 5/8X3-1/4
7	9040-0437	2	PIN
8	9002-1646	2	CLEVIS PIN, 5/8X5
9	8863-1320	2	COTTER PIN, 1/8X1-1/2
10	9002-6642	8	BOLT, 1X11, GR5



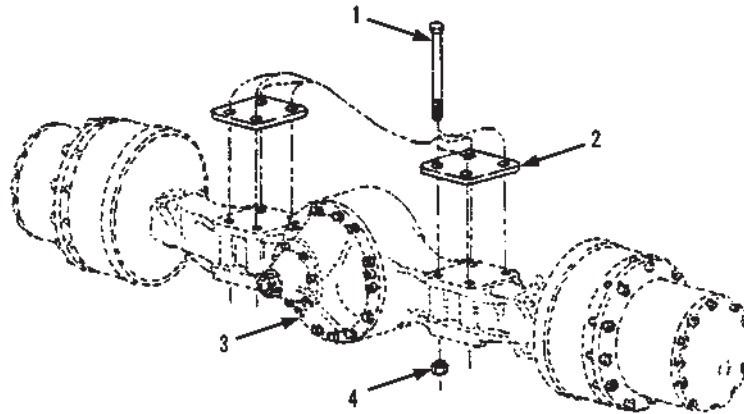
Item	Part No.	Qty.	Description Of Part
1	9080-0534	1	CRADLE
2	8850-1012	8	NUT, 3/4
3	9002-2095	2	BUSHING
4	9020-4246	1	PIN
5	8863-1318	1	COTTER PIN, 1/8X1
6	9002-1616	1	CLEVIS PIN, 5/8X3-1/4
7	9040-0437	2	PIN
8	9002-1646	2	CLEVIS PIN, 5/8X5
9	8863-1320	2	COTTER PIN, 1/8X1-1/2
10	8820-1337	8	BOLT, 3/4X8, GR5
			NOTE: SOME ROCKWELL 157 AXLES USED TWO MOUNTING PINS FOR CRADLE TO FRAME. FOR THESE PINS AND BUSHINGS, USE PARTS REQUIRED FOR ROCKWELL 201 AXLE.



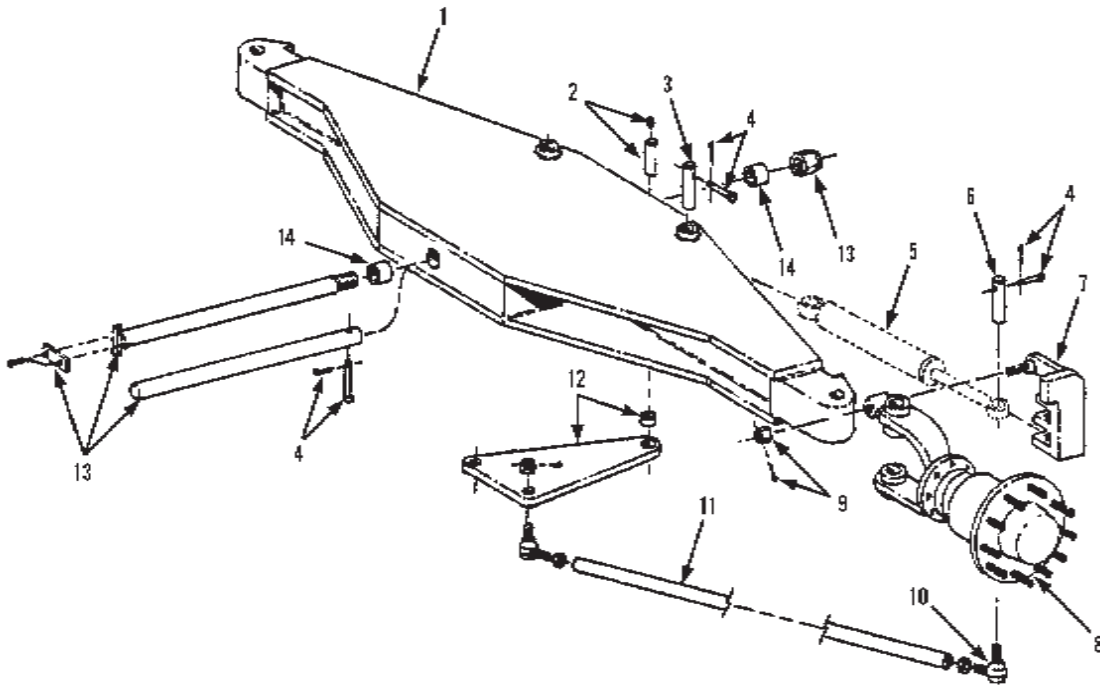
Item	Part No.	Qty.	Description Of Part
1	9080-0534	1	CRADLE
2	8850-1014	8	NUT, 7/8
3	9002-2095	2	BUSHING
	9002-2150	4	BUSHING (greaseable)
4	9020-4246	1	PIN
	9040-1795	1	PIN
	9002-2234	1	NUT, 2-1/4X12 UN-3B
	9003-0133	2	BOLT, 5/8-11X2-1/4
	9020-0977	1	BAR
5	8863-1318	1	COTTER PIN, 1/8X1
6	9002-1616	1	CLEVIS PIN, 5/8X3-1/4
7	9040-0437	2	PIN
8	9002-1646	2	CLEVIS PIN, 5/8X5
9	8863-1320	2	COTTER PIN, 1/8X1-1/2
10	9002-7750	8	BOLT, 7/8X10, GR5



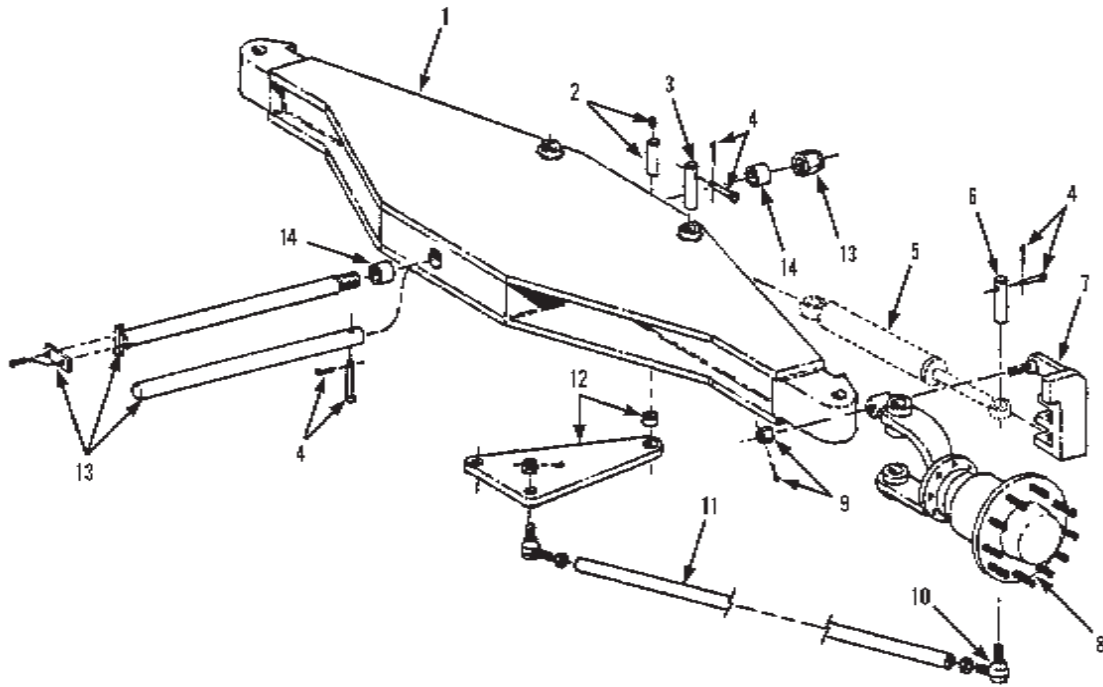
Item	Part No.	Qty.	Description Of Part
1	9102-6020	1	CRADLE
2	8867-1022	1	LUBE FITTING - 90 DEGREES, 1/8
3	9002-2150	2	BUSHING
4	8820-1106	1	HEX HD CAPSCREW, 5/8-11X4-1/2, GR5
5	9020-0865	1	PIN
6	8850-1010	1	HEX NUT, 5/8-11
7	8863-1318	2	COTTER PIN, 1/8X8
8	9002-2000	2	PIN
9	9002-1622	2	CLEVIS PIN
10	8850-1012	8	HEX NUT, 3/4-10
11	7710-1144	8	CAPSCREW



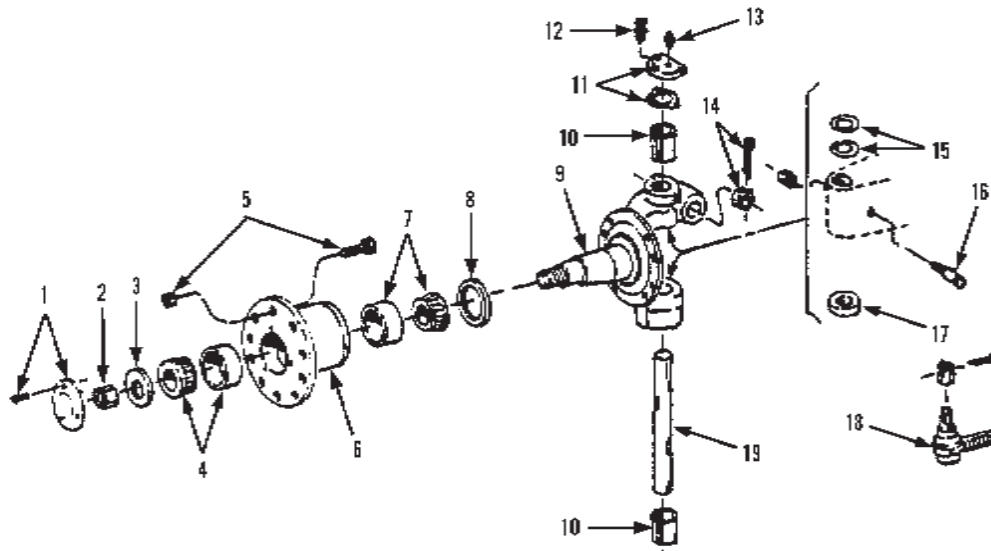
Item	Part No.	Qty.	Description Of Part
			ROCKWELL AXLE (see page 6-60 for details)
1	9004-1002	8	BOLT, 1X9-1/2
2	9020-0132	2	MOUNTING PLATE
3		1	AXLE
4	9002-1211	8	NUT, 1
			SOMA AXLE (see page 6-33 for details)
1	9002-7968	8	BOLT, 7/8X9
3		1	AXLE
4	8850-1014	8	NUT, 7/8



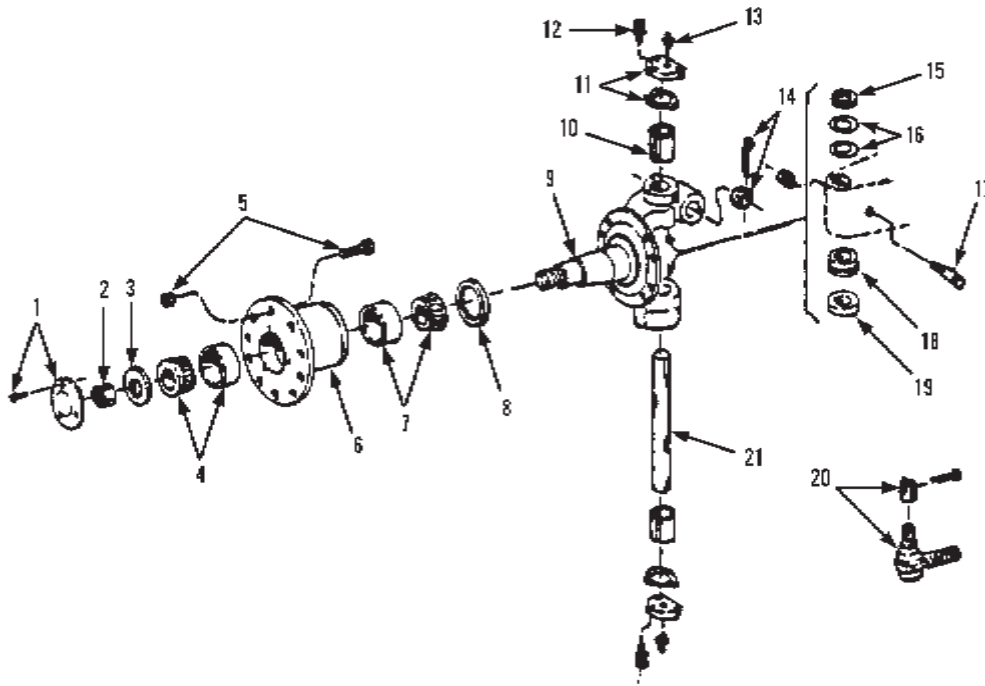
Item	Part No.	Qty.	Description Of Part
1	9080-0270	1	AXLE WELDMENT
2	9020-0889	1	IDLER ARM PIN
	8867-1001	1	GREASE FITTING
3	9002-1955	2	PIN
4	9002-1584	4	CLEVIS PIN
	8863-1302	4	COTTER PIN
5	9080-0070	2	STEERING CYLINDER
6	9002-1954	2	PIN
7	9080-0188	1	STEERING ARM (right side)
	9080-0189	1	STEERING ARM (left side)
8	9080-0192	1	HUB and SPINDLE (see page 2-8)
9	9002-1198	2	JAM NUT, 1-1/4
	9002-1450	2	COTTER PIN
10	8698-1435	2	BALL JOINT, (RH)
	8698-1433	2	BALL JOINT, (LH)
11	9020-0759	2	TIE ROD
12	9020-0758	1	IDLER ARM
	9002-2064	1	BUSHING
13	9020-0865	1	PIN
	9002-1628	1	CLEVIS PIN
	9002-1442	1	COTTER PIN
14	9002-2209	2	BUSHING



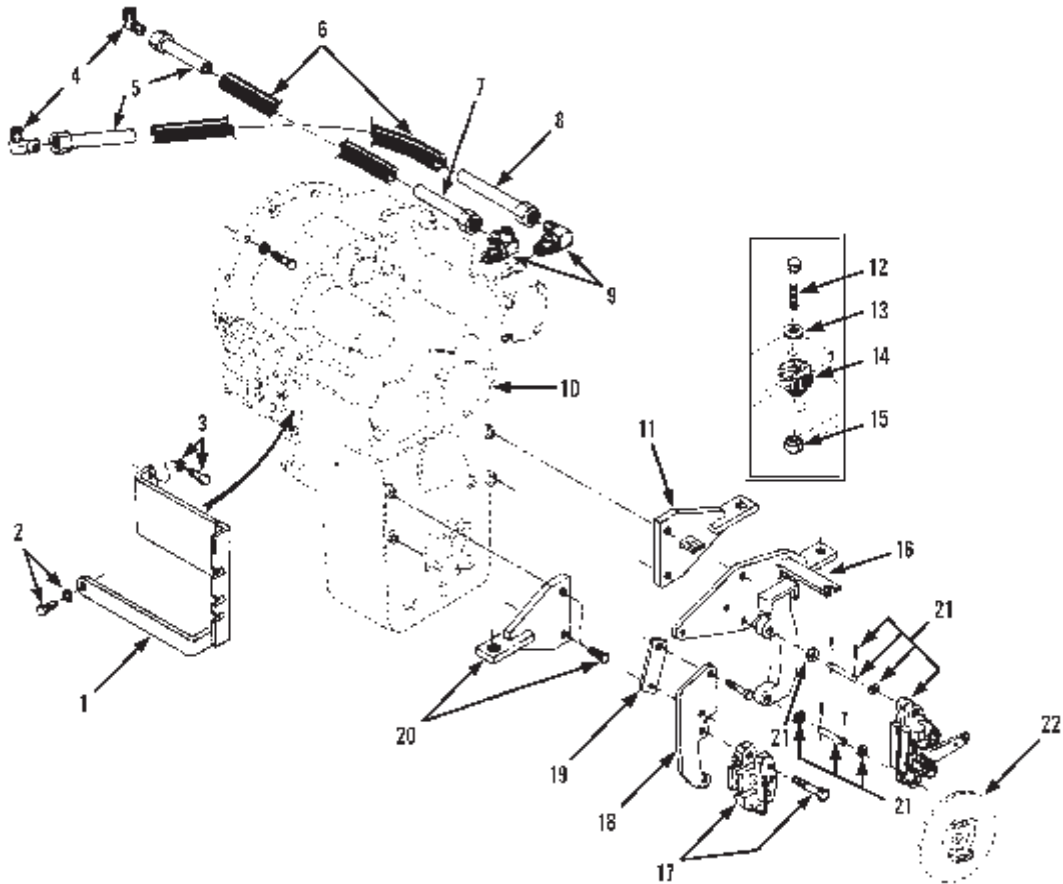
Item	Part No.	Qty.	Description Of Part
1	9080-0270	1	AXLE WELDMRNT
2	9020-0889	1	IDLER ARM PIN
	8867-1001	1	GRAESE FITTING
3	9002-1955	2	PIN
4	9002-1584	4	CLEVIS PIN
	8863-1302	4	COTTER PIN
5	9080-0070	2	STEERING CYLINDER
6	9002-1954	2	PIN
7	9080-0797	1	STEERING ARM (right side)
	9080-0798	1	STEERING ARM (left side)
8	9080-0857		HUB and SPINDLE (see page 2-8)
9	9002-1198	2	JAM NUT, 1/14
	9002-1450	2	COTTER PIN
10	8698-1435	2	BALL JOINT (RH)
	8698-1433	2	BALL JOINT (LH)
11	9020-0759	2	TIE ROD
12	9020-0758	1	IDLER ARM
	9002-2064	1	BUSHING
13	9040-1795	1	PIN
	9002-2234	1	NUT
	9020-0977	1	BAR RETAINER
	9003-0133	2	BOLT, GR8
14	9002-2209	2	BUSHING



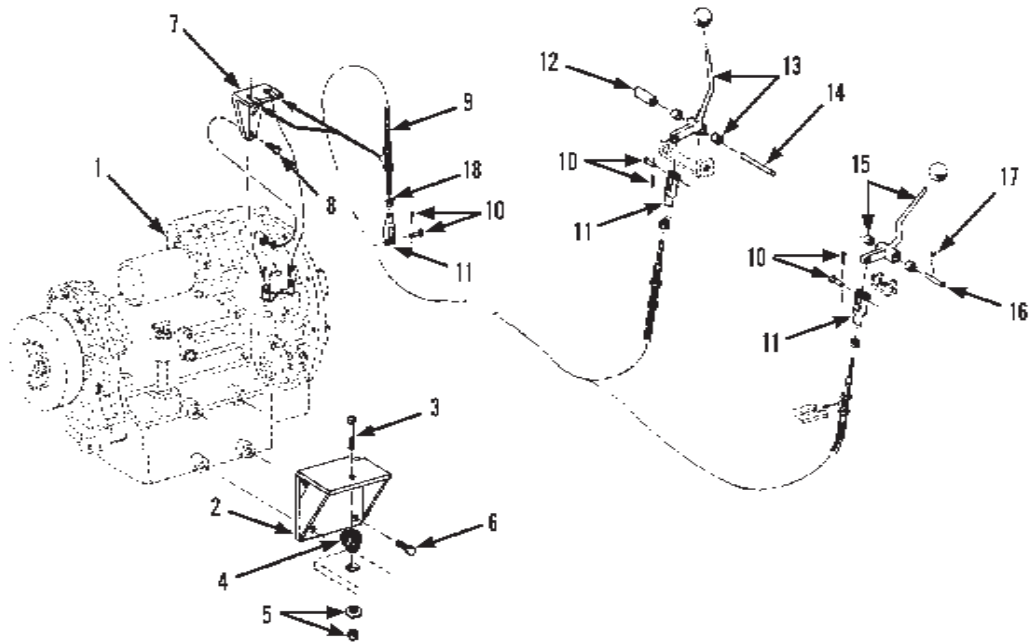
Item	Part No.	Qty.	Description Of Part
1	9020-8229	1	HUB CAP
	9002-8638	3	BOLT
2	9020-8230		NUT
	9002-1450	1	COTTER PIN
3	9020-8231	1	WASHER
4	9020-8266	1	OUTER CONE
	9020-8267	1	OUTER CUP
5	9020-8232	10	STUD (LH)
	9020-3338	10	NUT (LH)
	9020-8233	10	STUD (RH)
	9020-3337	10	NUT (RH)
6	9020-8234	1	HUB
7	9020-8254	1	INNER CUP
	9020-8255	1	INNER CONE
8	9020-8235	1	SEAL
9	9020-8236	1	KNUCKLE (LH)
	9020-8237	1	KNUCKLE (RH)
10	9020-8238	2	KNUCKLE BUSHING
11	9020-8239	2	GASKET
	9020-8240	2	DUST CAP
12	9020-8241	6	SCREW
13	9002-2217	2	GREASE FITTING
14	9002-1198	2	NUT
	9002-1450	2	COTTER PIN
15	9020-8242	AR	SHIM, .010
	9020-8243	AR	SHIM, .005
16	9020-8244	1	DRAW KEY
17	9020-8245	1	THRUST BEARING
18	9020-0756	1	BALL JOINT (right hand thread)
	9020-8246	1	BALL JOINT (left hand thread)
19	9020-8247	1	KNUCKLE PIN



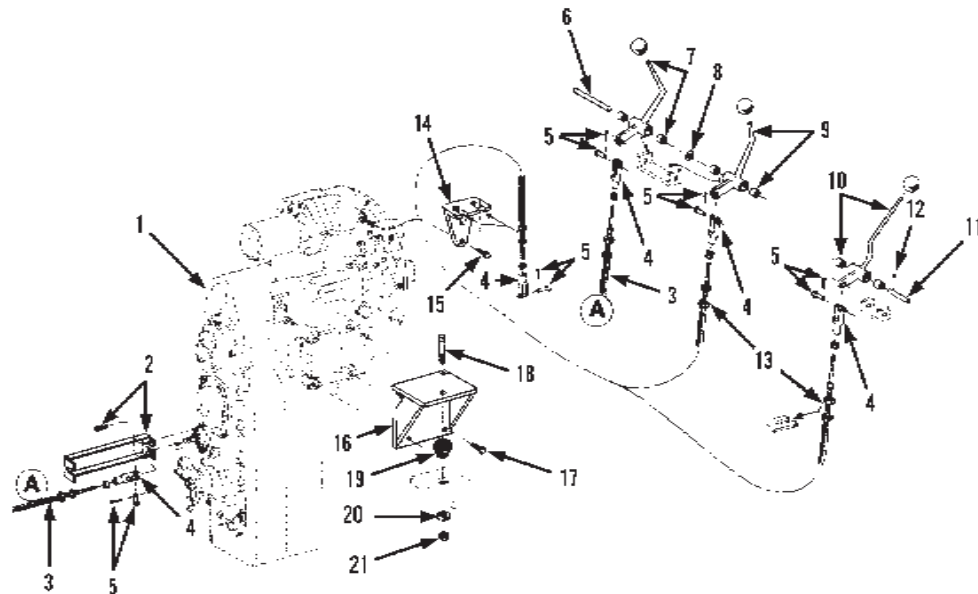
Item	Part No.	Qty.	Description Of Part
1	9020-8229	1	HUB CAP
	9020-8248	1	GASKET
	9002-8638	3	BOLT
2	9020-8230	1	NUT
	9002-1450	1	COTTER PIN
3	9020-8231	1	WASHER
4	9020-8249	1	OUTER CONE
	9020-8250	1	OUTER CUP
5	9020-8251	10	STUD (LH)
	9020-3338	10	NUT (LH)
	9020-8252	10	STUD (RH)
	9020-3337	10	NUT (RH)
6	9020-8253	1	HUB
7	9020-8254	1	INNER CUP
	9020-8255	1	INNER CONE
8	9020-8256	1	SEAL
9	9020-8257	1	KNUCKLE (LH)
	9020-8258	1	KNUCKLE (RH)
10	9020-8259	2	KNUCKLE BUSHING
11	9020-8260	2	GASKET
	9020-8261	2	KING PIN CAP
12	9002-8638	6	BOLT
13	9002-2217	2	GREASE FITTING
14	9002-1198	1	NUT
	9002-1450	1	COTTER PIN
15	9020-8262	1	SEAL
16	9020-8242	AR	SHIM, .010
	9020-8243	AR	SHIM, .005
17	9020-8263	1	DRAW KEY
18	9020-8264	1	SEAL
19	9020-8245	1	THRUST BEARING
20	9020-0756	1	BALL JOINT (RH)
	9020-8246	1	BALL JOINT (LH)
21	9020-8265	1	KNUCKLE PIN



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9040-0323	1	TRANSMISSION CONTROL BRACKET	13	8856-1107	2	FLAT WASHER, 1/2
2	8820-1018	1	HEX HD CAPSCREW, 5/16-18X3/4, GR5	14	9060-0096	2	RUBBER MOUNT
3	8855-1010	1	LOCKWASHER, 5/16	15	8850-1008	2	HEX NUT, 1/2-13
3	8820-1033	2	HEX HD CAPSCREW, 3/8-16X3/4, GR5	16	9060-0807	1	TRANSMISSION MOUNTING BRACKET (LH-554 disc)
4	8855-1011	2	LOCKWASHER, 3/8	17	9060-1045	1	BRAKE CALIPER
4	8874-3046	2	MALE ELBOW - 90 DEGREES 3/4X3/4 TUBE	18	8820-1101	2	HEX HD CAPSCREW, 5/8-11X3, GR5
5	9060-0327	2	COOLING LINE	18	9060-1044	1	CALIPER MOUNTING BRACKET
6	9002-6633	2	HOSE	19	8820-1097	2	HEX HD CAPSCREW, 5/8-11X2, GR5
7	9060-0326	1	COOLING LINE	19	9020-1741	AR	SHIM
8	9060-0325	1	COOLING LINE	20	9040-0335	1	RH MOUNTING BRACKET
9	8866-2067	2	ELBOW - 90 DEGREES (includes o-ring)	20	9040-0997	1	RH MOUNTING BRACKET (gas)
9	8859-1207	2	ELBOW - 90 DEGREES (includes o-ring)	21	8820-1093	2	HEX HD CAPSCREW, 5/8-11X1, GR5
10		1	FUNK TRANSMISSION	21	9040-0925	1	BRAKE CALIPER
11	9040-0488	1	LH MOUNTING BRACKET (552)	21	9002-1622	2	PIN
11	9060-0807	1	LH MOUNTING BRACKET (554)	21	8856-1113	4	FLAT WASHER, 1/2
12	8820-1069	2	HEX HD CAPSCREW, 1/2-13X2, GR5	22	8863-1320	4	COTTER PIN, 1/8X1-1/2
				22	9040-0923	1	DISC

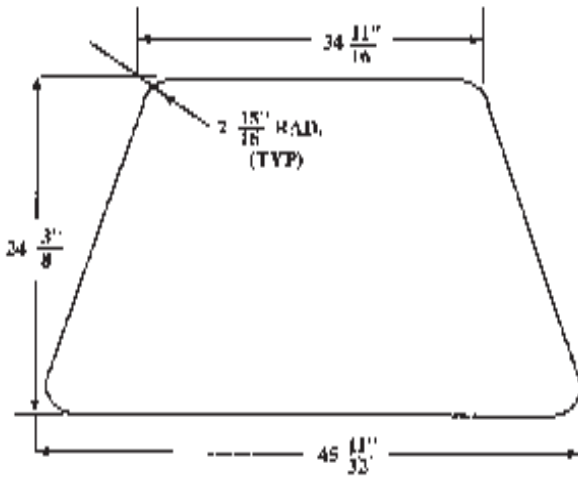


Item	Part No.	Qty.	Description Of Part
1	9060-1773	1	TRANSMISSION (552only)
2	9040-2844	2	MOUNTING BRACKET (right and left)
3	8820-1117	2	HEX HD CAPSCREW
4	9060-0097	2	GROMMET
5	9020-0341	2	WASHER
	8850-1012	2	HEX NUT, 3/4-10
6	8820-1110	8	HEX HD CAPSCREW, 3/4-10X1-3/4, GR5
	8855-1016	8	LOCKWASHER, 3/4
7	9040-2642	1	CABLE MOUNTING BRACKET
8	8820-1066	1	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5
9	9020-3843	2	SHIFT CONTROL CABLE
10	8863-3002	4	YOKE PIN, 5/16
	8863-1309	4	COTTER PIN, 3/32X3/4
11	8882-1003	4	ADJUSTABLE YOKE END
12	9020-3936	1	SPACER
13	9060-1913	1	LEVER
14	9020-1560	1	PIN
15	9040-0591	1	LEVER
16	9020-0277	1	PIN
17	8844-1001	1	SQUARE HD SET SCREW (cup point) 1/4-20X1/2
18	8850-1405	2	HEX JAM NUT, 5/16-24

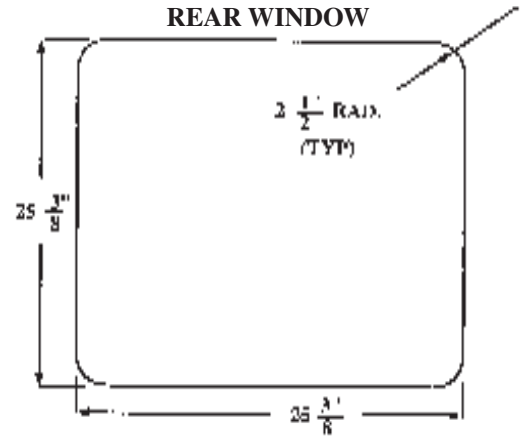


Item	Part No.	Qty.	Description Of Part
1	9060-1771	1	TRANSMISSION (554 only)
2	9020-5003	1	HIGH-LOW SHIFT BRACKET
	8820-1053	2	HEX HD CAPSCRW, 7/16-14X1-3/4, GR5
3	9020-3374	1	HIGH-LOW SHIFT CABLE
4	8882-1003	6	ADJUSTABLE YOKE END
5	8863-3002	6	YOKE PIN
	8863-1309	6	COTTER PIN, 3/32X3/4
6	9020-1560	1	SHAFT PIN
7	9060-1912	1	HIGH-LOW SHIFT LEVER
	9020-0290	2	BEARING
8	9020-3936	1	SPACER
9	9060-1913	1	SHIFT LEVER
	9020-0290	2	BEARING
10	9040-0591	1	FOWARD-REVERSE LEVER
	9020-0290	2	BEARING
11	9020-0277	1	SHAFT PIN
12	8844-1001	1	SQUARE HD SET SCREW (cup point) 1/4-20X1/2
13	9020-3843	2	SHIFT CABLE
14	9040-2642	1	SHIFT CABLE MOUNTING BRACKET
15	8820-1066	1	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5
16	9040-2844	2	TRANSMISSION MOUNTING BRACKET
17	8820-1110	8	HEX HD CAPSCREW, 3/4-10X1-3/4, GR5
	8855-1016	8	LOCKWASHER, 3/4
18	8820-1616	2	HEX HD CAPSCREW, 3/4-16X3-1/2, GR5
19	9060-0097	2	GROMMET
20	9020-0341	2	WASHER
21	8850-1012	2	HEX NUT, 3/4-10

STANDARD



RIGHT SIDE WINDOW

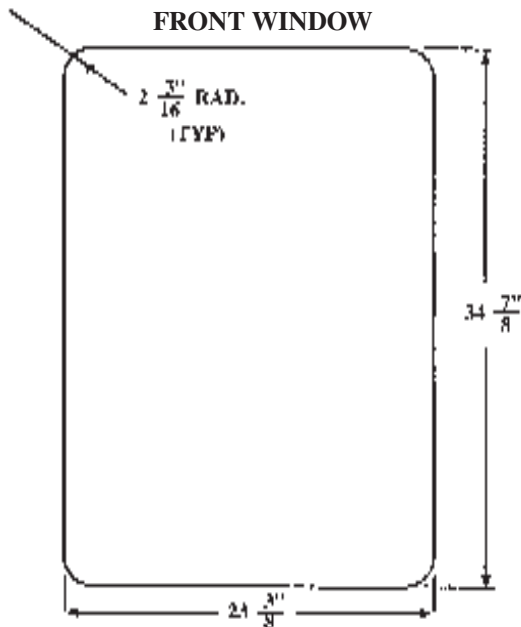


REAR WINDOW

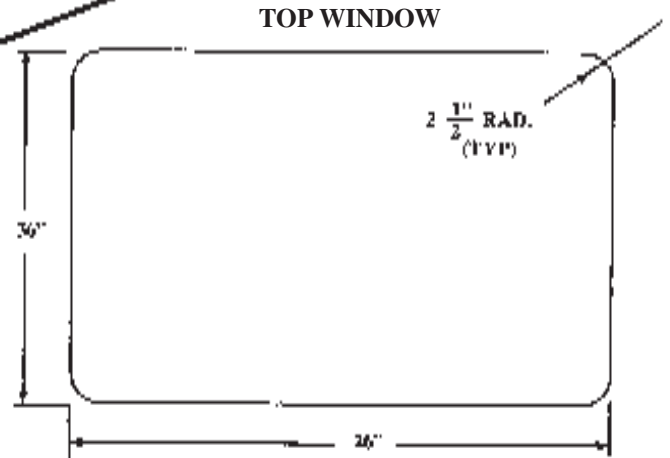
NOTE: AAL LAMINATED SAFETY GLASS, TINTED FOR 73% LIGHT TRANSMISSION SEAMED EDGES, 7/32" THICK.

CAB GLASS CAN ONLY BE SHIPPED WITH THE COMPLETE CAB ENCLOSURE OPTION. IF GLASS BREAKAGE OCCURES IN THE FIELD IT MUST BE REPLACED LOCALLY USING THE DIMENSIONS GIVEN.

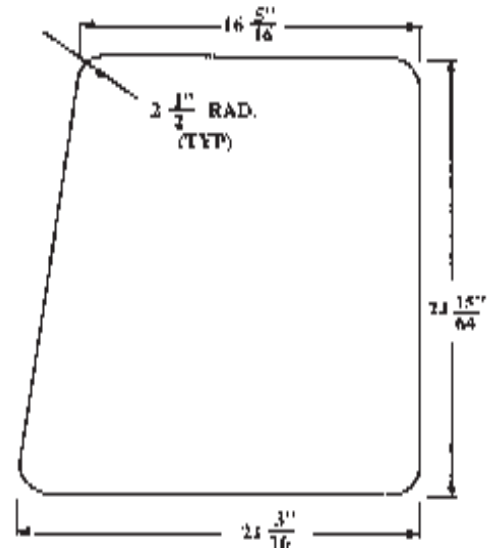
OPTIONAL



FRONT WINDOW



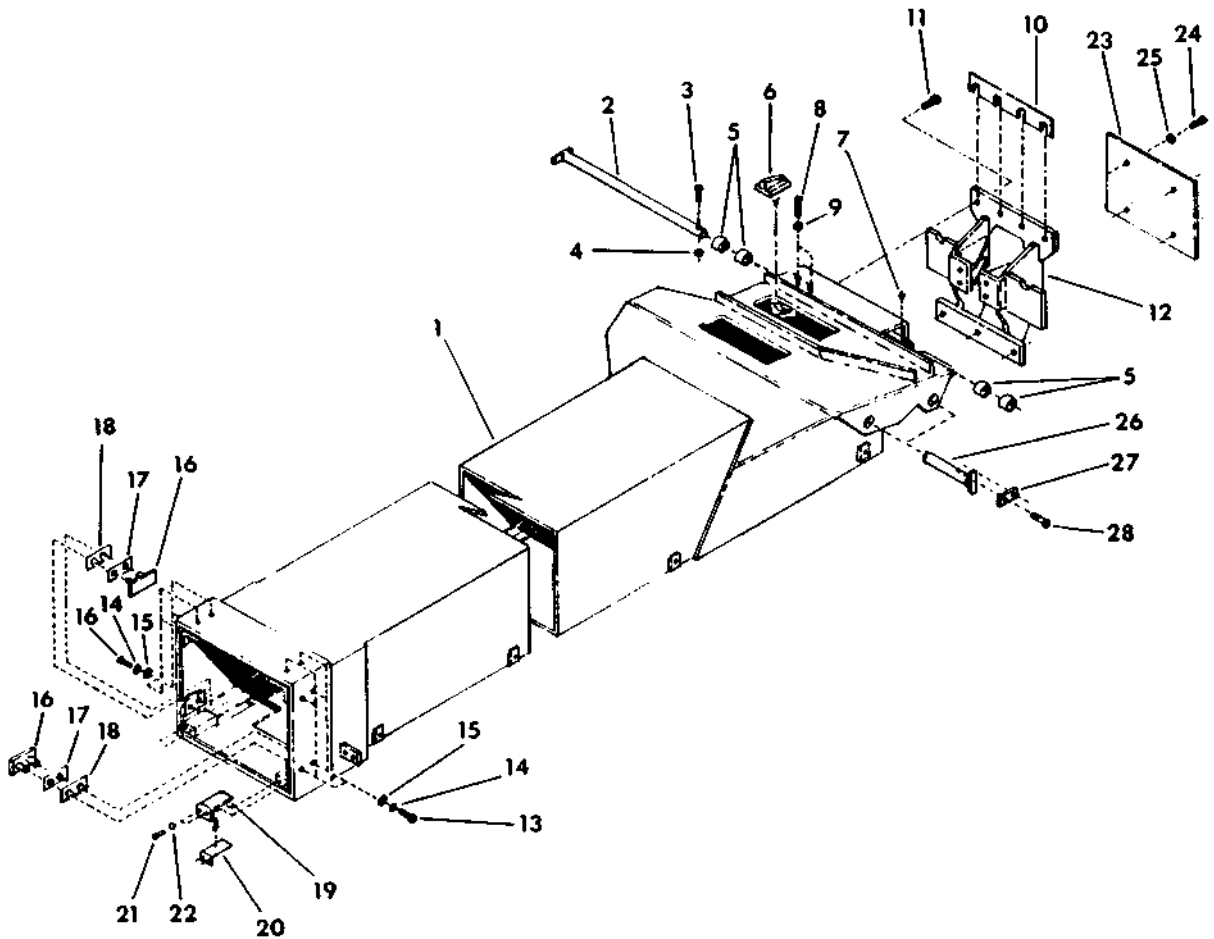
TOP WINDOW



DOOR WINDOW

INTENTIONALLY LEFT BLANK

3SS/3SL BOOM - FIRST SECTION



- KEY:
- A - FIRST SECTION, all model 554 before S/N 330
 - B - FIRST SECTION, all model 554 w/3SL Boom
S/N 330 and after
 - C - FIRST SECTION, all model 552 w/3SS Boom

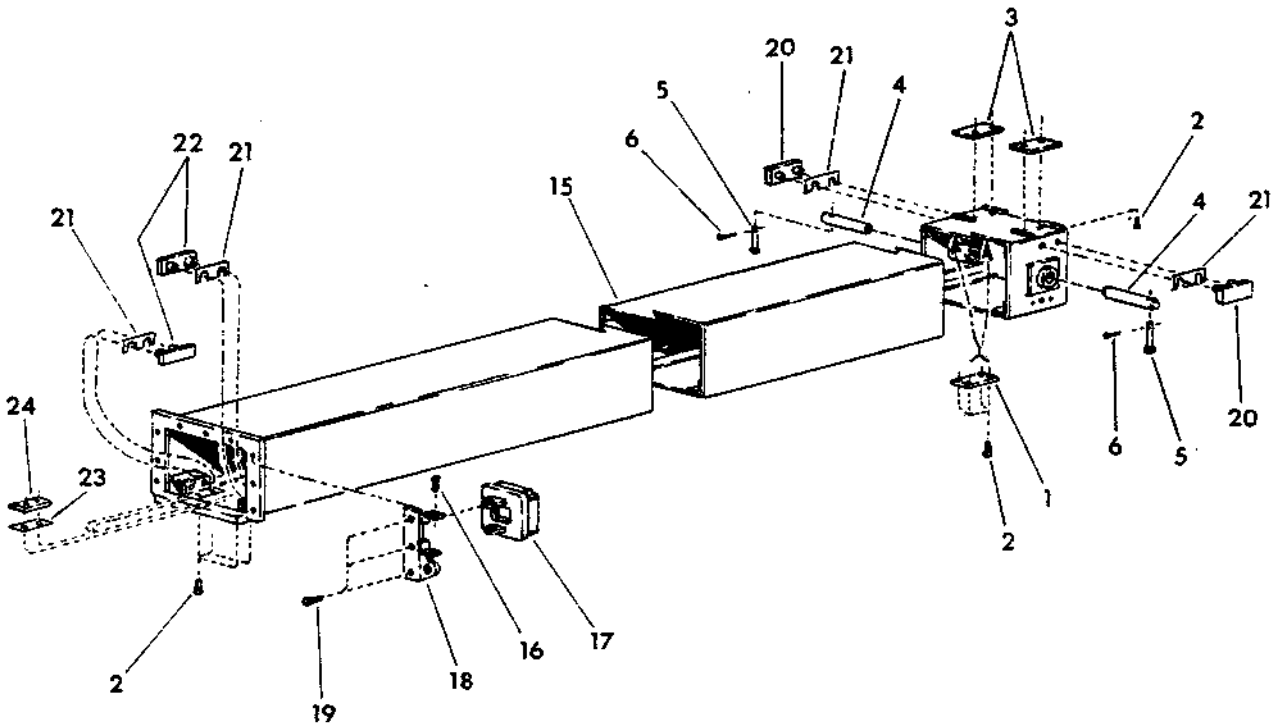
REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
1	900-021	SECTION WELDMENT.	1	-	-
	800-335	SECTION WELDMENT.	-	1	-
	800-336	SECTION WELDMENT.	-	-	1
	800-836	SECTION WELDMENT (double compensating units).	-	-	1
2	200-140	PIN, boom hinge	1	1	1
3	020-245	BOLT, 1" nc x 6" - Gr. 5.	1	1	1
4	021-187	NUT, 1" nc.	1	1	1
5	022-158	BEARING	4	4	4
6	400-754	BLOCK, bearing.	-	2	2
7	022-217	FITTING, grease	2	2	2
8	200-976	BOLT.	-	4	4
9	021-101	NUT, 5/8" nc.	-	4	4
10	400-758	SHIM, 10 gauge.	AR	AR	AR
	400-759	SHIM, 14 gauge.	AR	AR	AR
11	020-139	BOLT, 1" nc x 2-1/4" - Gr. 5.	7	-	-
	020-135	BOLT, 3/4" nc x 2-1/4" - Gr. 5.	-	7	7
12	600-059	STRONGBACK.	1	-	-
	800-327	STRONGBACK.	-	1	1

355/35L BOOM - FIRST SECTION (continued)

REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
13	027-379	BOLT, 1/2" nc x 3/4" - Gr. 5.	6	6	6
14	200-340	WASHER.	6	6	6
15	200-650	SPACER.	AR	AR	AR
16	200-642	BEARING	6	6	6
17	200-851	SHIM.	AR	AR	AR
18	200-643	SHIM, slotted	AR	AR	AR
19	400-504	BEARING	2	2	2
	400-832	BEARING, nylon insert (break-in only)	-	-	-
20	200-968	SHIM.	AR	AR	AR
21	027-471	WASHER, 1/2".	4	4	4
22	020-015	BOLT, 1/2" nc x 1-1/4" - Gr. 5.	4	4	4
23	200-530	COVER	1	1	1
24	020-005	BOLT, 1" nc x 2-1/4" - Gr. 5.	4	4	4
25	021-464	WASHER, lock, 5/16"	4	4	4
26	027-636	PIN, cylinder rod	3	3	3
27	200-977	RETAINER, pin	3	3	3
28	020-121	BOLT, 5/8" nc x 1-1/2" - Gr. 5	6	6	6

355/35L BOOM - SECOND SECTION

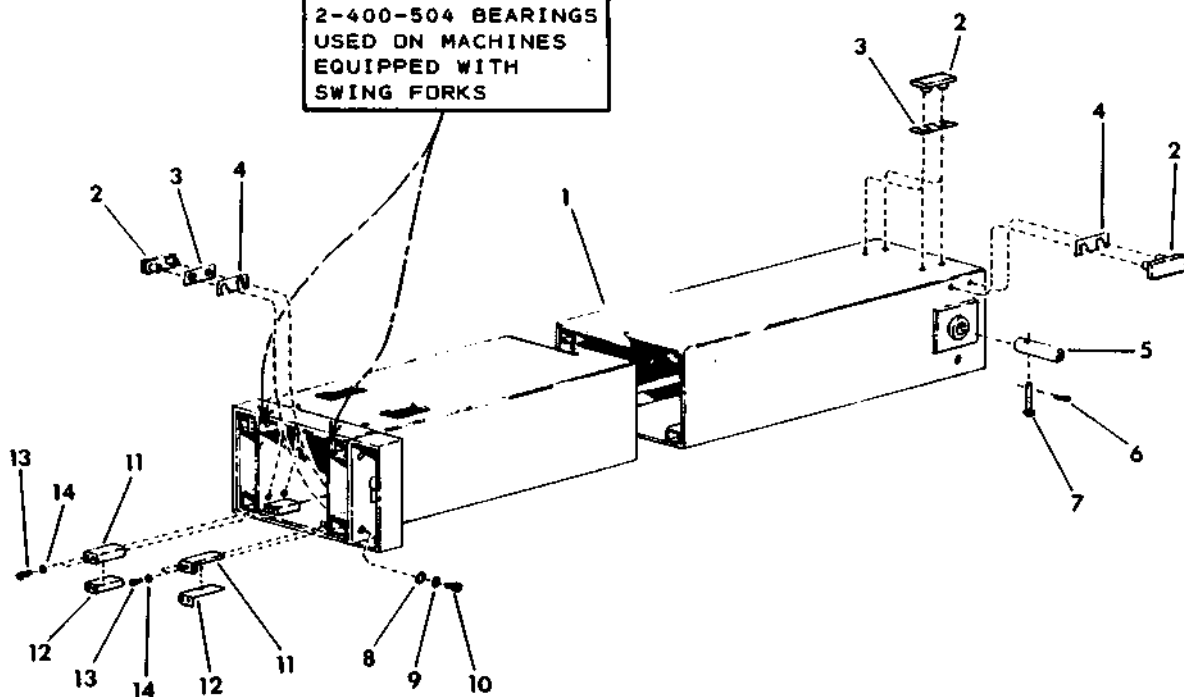
MODEL 554 BEFORE S/N 330



REF.	PART NO.	DESCRIPTION	REQ'D
1	200-247	BEARING.	2
2	026-433	BOLT, 3/8" nc x 1/2" - Gr. 5	16
3	200-413	BEARING.	2
4	200-107	PIN.	2
5	021-437	PIN, cotter, 1/16" x 1"	2
6	021-632	PIN, clevis, 3/8" x 4"	2
7	022-217	FITTING, grease.	1
8	026-370	BOLT, 3/8" nc x 3/8" - Gr. 5	2
9	400-052	PIN.	1
10	200-272	BUSHING.	1
11	400-301	SHEAVE, cable.	1
12	020-256	BOLT, 1/2" nc x 1-1/4" - Gr. 5	4
13	600-154	BLOCK, cable	1
14	200-253	WASHER, thrust	1
15	900-002	BOOM, second section	1
16	026-018	BOLT, 3/8" nc x 1/2" - Gr. 5	2
17	200-414	GUIDE, hose.	1
18	200-311	BRACKET, hose guide.	1
19	026-019	BOLT, 3/8" nc x 3/4" - Gr. 5	3
20	200-510	BLOCK, bearing	2
21	200-020	SHIM	8
22	200-239	CASTING, bearing block	2
23	200-241	SHIM	6
24	200-412	BEARING.	2

355/35L BOOM - SECOND SECTION

NOTE:
 2-400-504 BEARINGS
 USED ON MACHINES
 EQUIPPED WITH
 SWING FORKS



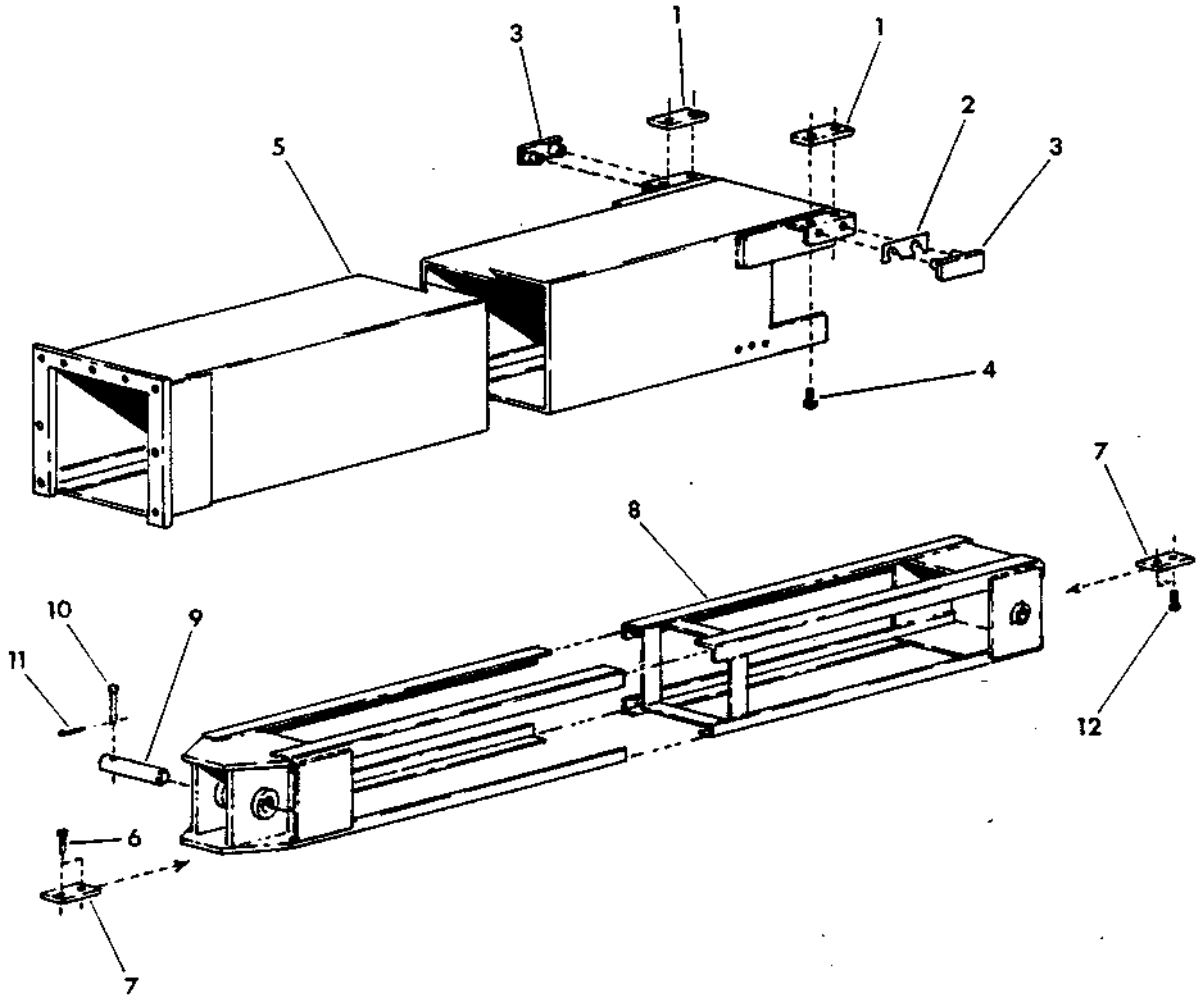
KEY:

- A - SECOND SECTION, all Model 554 w/3SL Boom
S/N 330 and after
- B - SECOND SECTION, all Model 552 w/3SS Boom

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	600-598	SECTION WELDMENT	1	-
	600-597	SECTION WELDMENT	-	1
2	200-642	BEARING.	10	10
3	200-851	SHIM	AR	AR
4	200-643	SHIM, slotted.	AR	AR
5	200-011	PIN.	2	2
6	021-437	PIN, cotter.	2	2
7	021-638	PIN, clevis.	2	2
8	200-650	SPACER	AR	AR
9	200-340	WASHER	AR	AR
10	027-379	BOLT, 1/2" nc x 3/4" - Gr. 5	6	6
11	400-504	BEARING.	2	2
	400-832	BEARING, w/nylon insert #400-830	-	-
12	200-968	SHIM	AR	AR
13	020-015	BOLT, 1/2" nc x 1-1/4" - Gr. 5	4	4
14	027-471	WASHER, 1/2"	4	4

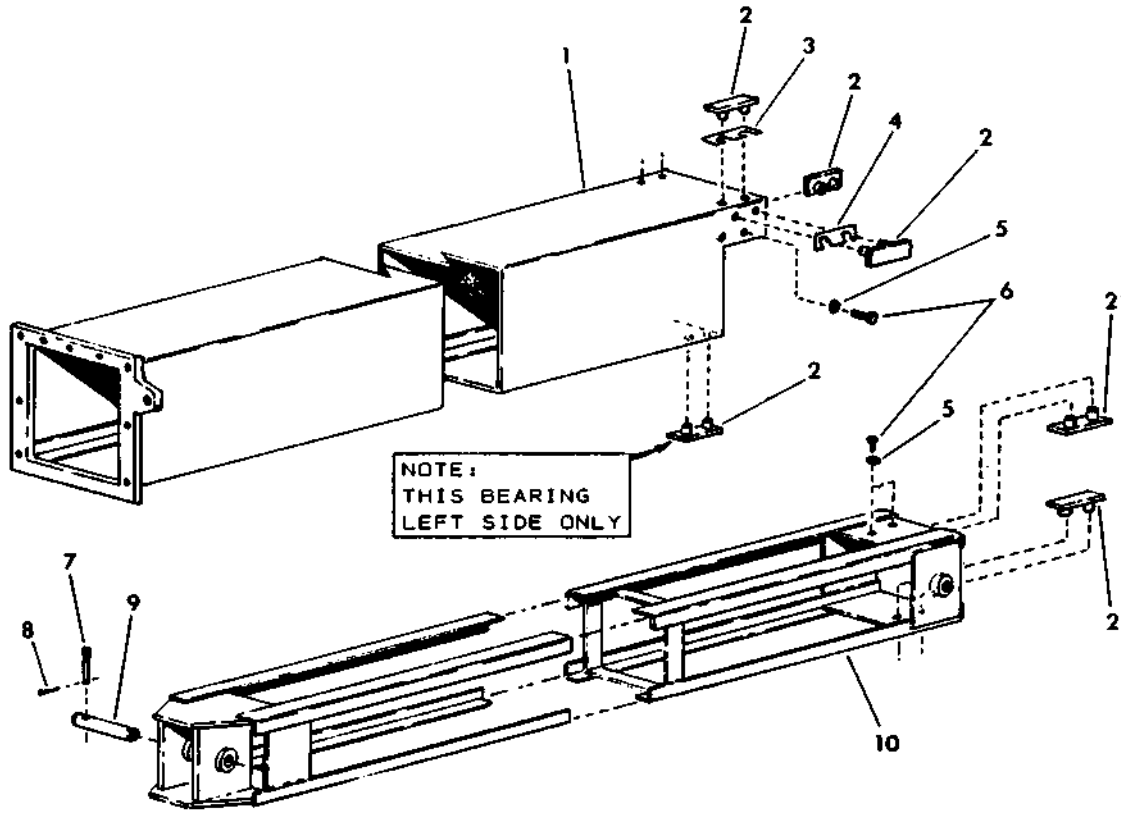
355/35L BOOM - THIRD SECTION and SLEEVE

ALL MODEL 554 BEFORE S/N 330



REF.	PART NO.	DESCRIPTION	REQ'D
1	200-412	BEARING	2
2	200-241	SHIM.	6
3	200-239	CASTING, bearing block.	2
4	026-433	BOLT (nylock), 3/8" nc x 1/2" - Gr. 5	6
5	900-003	BOOM, third section	1
6	020-012	BOLT, 3/8" nc x 1-1/4" - Gr. 5.	2
7	200-249	BEARING	2
8	800-002	SLEEVE.	1
9	200-178	PIN	1
10	021-634	PIN, clevis, 5/8" x 4" long	1
11	021-443	PIN, cotter, 1/8" x 1-1/2" long	1
12	026-370	BOLT, 3/8" nc x 3/8" - Gr. 5.	2

3SS/3SL BOOM - THIRD SECTION and SLEEVE

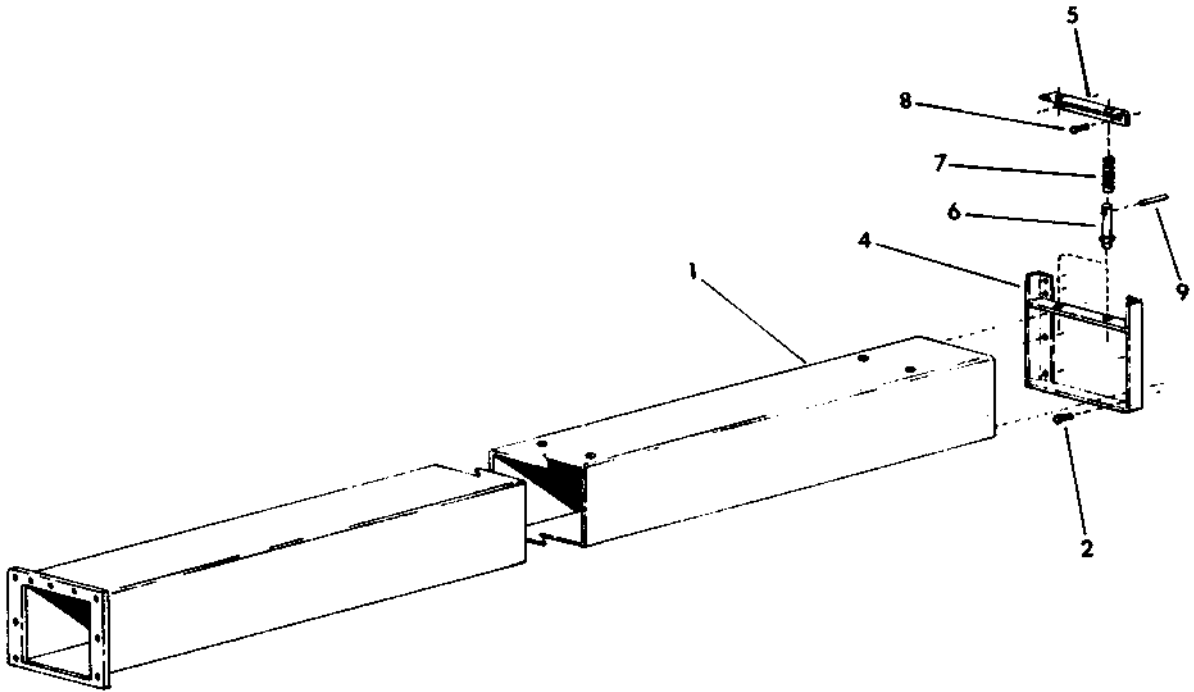


KEY:

- A - THIRD SECTION & SLEEVE, all model 554 w/3SL boom
S/N 330 and after
- B - THIRD SECTION & SLEEVE, all model 552 w/3SS boom

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	800-323	BOOM WELDMENT	1	-
	800-324	BOOM WELDMENT	-	1
2	200-642	BEARING	9	9
3	200-851	SHIM.	AR	AR
4	200-643	SHIM, slotted	AR	AR
5	200-340	WASHER.	3	3
6	027-379	BOLT, 1/2" nc x 3/4" - Gr. 5.	3	3
7	021-646	PIN, clevis	1	1
8	021-443	PIN, cotter	1	1
9	200-005	PIN	1	1
10	600-592	SLEEVE.	1	-
	600-593	SLEEVE.	-	1

355/3SL BOOM - MANUAL FOURTH SECTION

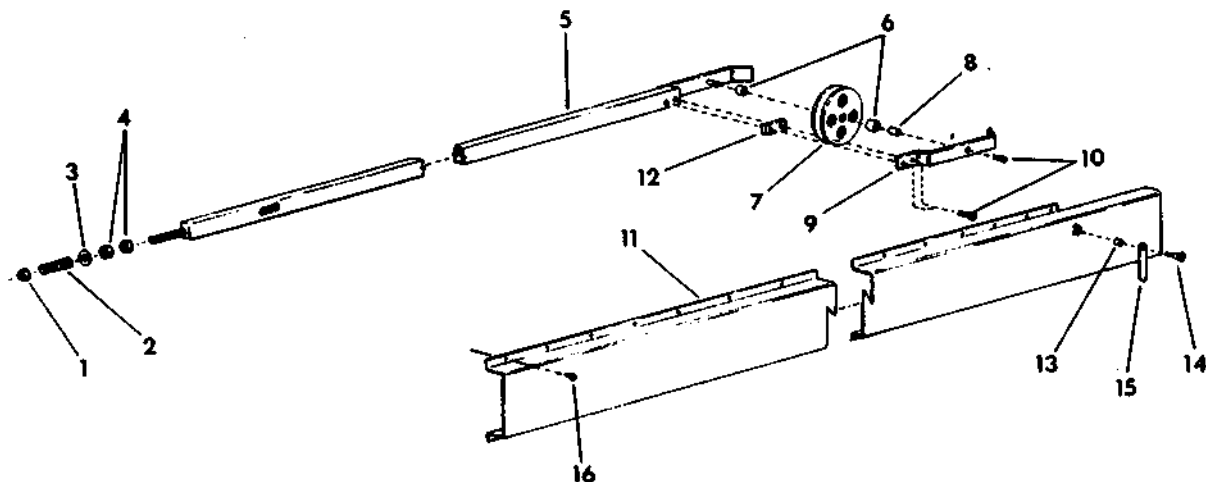


KEY:

- A - FOURTH SECTION, all Model 554 before S/N 330
- B - FOURTH SECTION, all Model 554 w/3SL Boom S/N 330 & after
- C - FOURTH SECTION, all Model 552 w/3SS Boom

REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
1	800-146	SECTION WELDMENT	1	-	-
	800-341	SECTION WELDMENT	-	1	-
	800-342	SECTION WELDMENT	-	-	1
2	020-129	BOLT, 3/4" nc x 2" - Gr. 5	6	6	6
3	600-636	LOCK COLLAR ASSEMBLY	1	-	-
	600-613	LOCK COLLAR ASSEMBLY	-	1	1
4	600-635	• COLLAR	1	-	-
	600-612	• COLLAR	-	1	1
5	400-521	• BAR, clamp	1	1	1
6	400-772	• PIN, locking w/latch	2	2	2
7	400-523	• SPRING	2	2	2
8	020-015	• BOLT, 1/2" nc x 1-1/4" - Gr. 5	2	2	2
9	410-080	• DOWEL	2	2	2

355/3SL BOOM - HOSE TAKE-UP BEAM and COVER

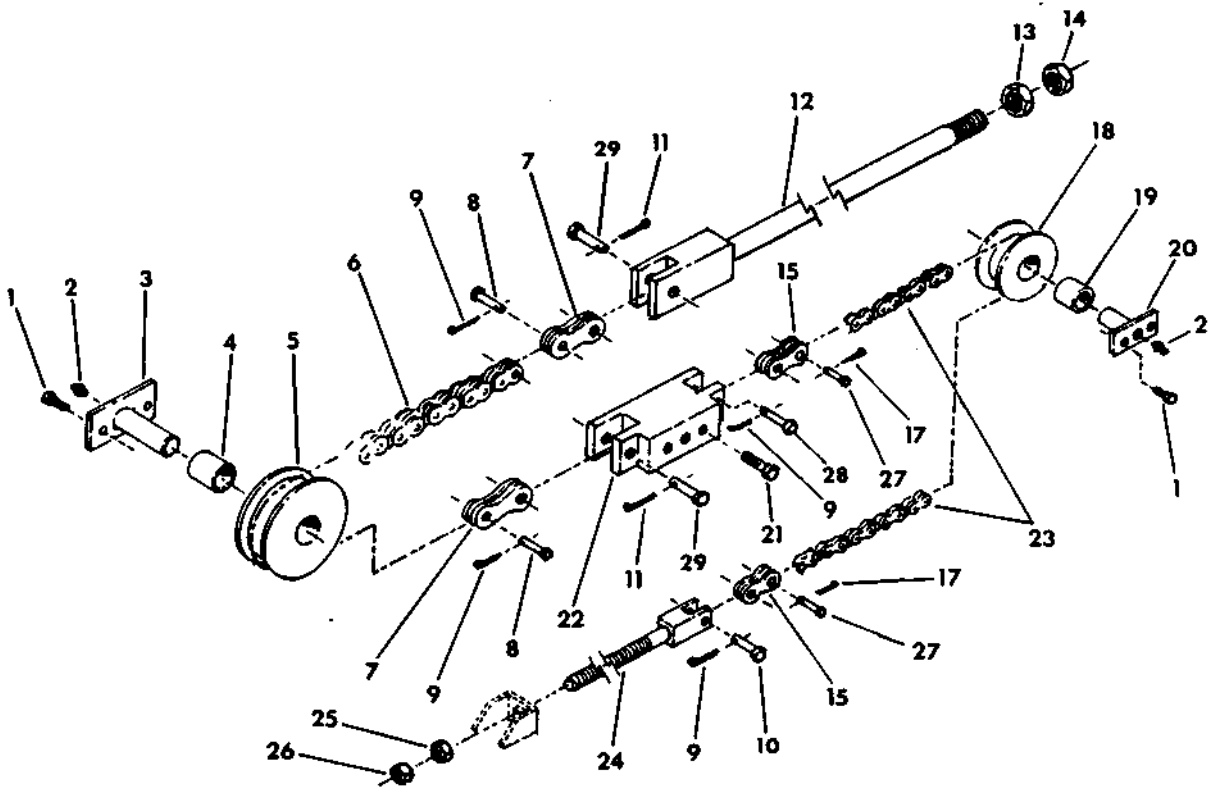


KEY:

- A - BEAM & COVER, tilt lines (cab side), all Model 554 w/3SL Boom
- B - BEAM & COVER, tilt lines (cab side), all Model 552 w/3SS Boom
- C - BEAM & COVER, auxiliary hydraulics (right side), all Model 554 w/3SL and auxiliary hydraulics

REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
1	022-228	NUT, lock.	1	1	1
2	200-313	SPRING	1	1	1
3	021-459	WASHER	1	1	1
4	021-199	NUT, jam, 3/4" nc.	2	2	2
5	800-067	BEAM, hose take-up	1	-	1
	800-190	BEAM, hose take-up	-	1	-
6	200-314	BUSHING.	2	2	2
7	400-851	REEL, hose	1	1	-
	401-519	REEL, hose	-	-	1
8	201-909	SPACER	-	-	1
9	400-357	BRACKET, hose guide.	1	1	1
10	027-388	BOLT	3	3	-
	029-958	BOLT	-	-	3
11	600-196	COVER, hose take-up.	1	-	-
	600-379	COVER, hose take-up.	-	1	-
	601-192	COVER, hose take-up.	-	-	1
12	201-911	SPACER	-	-	1
13	200-688	BEARING.	1	1	-
14	026-491	BOLT	1	1	-
15	200-445	PENDULUM, boom angle indicator	1	1	-
16	020-803	SCREW.	11	9	11

3SS/3SL BOOM - EXTENSION and RETRACTION CHAINS



KEY:

- A - EXTENSION & RETRACTION CHAINS, all Model 554 with 3SL Boom S/N 330 and after
- B - EXTENSION & RETRACTION CHAINS, all Model 552 with 3SS Boom before S/N 329
- C - EXTENSION & RETRACTION CHAINS, all Model 552 with 3SS Boom S/N 333 and after

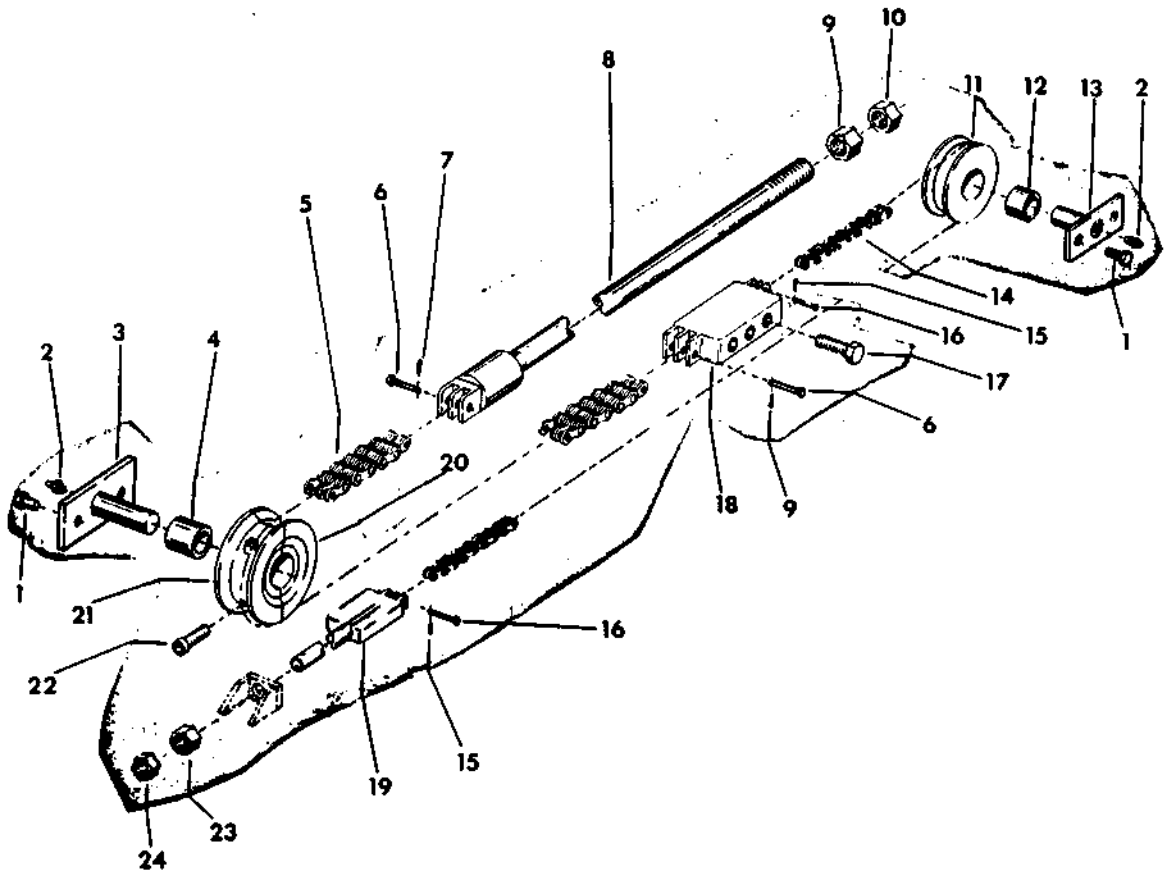
REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
1	027-218	BOLT	1	1	1
2	022-217	FITTING, grease.	4	4	4
3	400-455	PIN.	2	2	2
4	200-648	BUSHING.	2	2	2
5	400-460	SHEAVE, chain.	2	2	2
6	200-847	CHAIN, extension	2	-	-
	200-672	CHAIN, extension	-	2	2
7	400-461	LINK, connecting	8	8	8
8	027-740	PIN, clevis.	4	4	4
9	021-442	PIN, cotter.	8	8	8
10	204-023	PIN, clevis.	2	2	2
11	021-443	PIN, cotter.	4	4	4
12	400-734	ROD, extension	2	-	-
	400-734	ROD, extension	-	2	2
13	021-189	NUT, 1-1/4" nc	2	2	2
14	021-205	NUT, jam, 1-1/4" nc.	2	2	2
15	200-827	LINK, connecting	8	-	8
	200-651	LINK, connecting	-	8	-
16	200-823	PIN, clevis.	4	-	4
	200-659	PIN, clevis.	-	4	-
17	027-221	PIN, cotter.	4	4	4

355/35L BOOM - EXTENSION and RETRACTION CHAINS (continued)

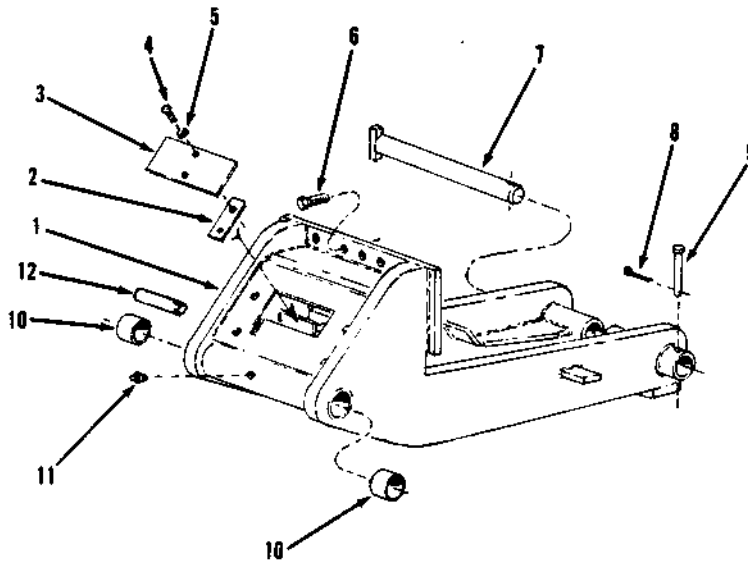
REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
18	400-730	SHEAVE, chain.	2	-	2
	400-459	SHEAVE, chain.	-	2	-
19	200-825	BUSHING.	2	2	2
20	400-456	PIN.	2	2	2
21	020-165	BOLT, 1" nc x 3" - Gr. 5	6	6	6
22	600-493	BLOCK, chain anchor (right).	1	-	1
	600-379	BLOCK, chain anchor (right).	-	1	-
	600-492	BLOCK, chain anchor (left)	1	-	1
	600-377	BLOCK, chain anchor (left)	-	1	-
23	200-848	CHAIN, retraction.	2	-	-
	200-673	CHAIN, retraction.	-	2	-
	200-826	CHAIN, retraction.	-	-	2
24	400-733	END, chain	2	-	2
	400-466	END, chain	-	2	-
25	021-203	NUT, 1" nc	2	2	2
26	021-211	NUT, jam, 1" nc.	2	2	2
27	200-824	PIN, clevis.	4	4	4
28	204-024	PIN, clevis.	2	2	2
29	200-660	PIN, clevis.	2	2	2

3SS/3SL BOOM - EXTENSION and RETRACTION CHAINS

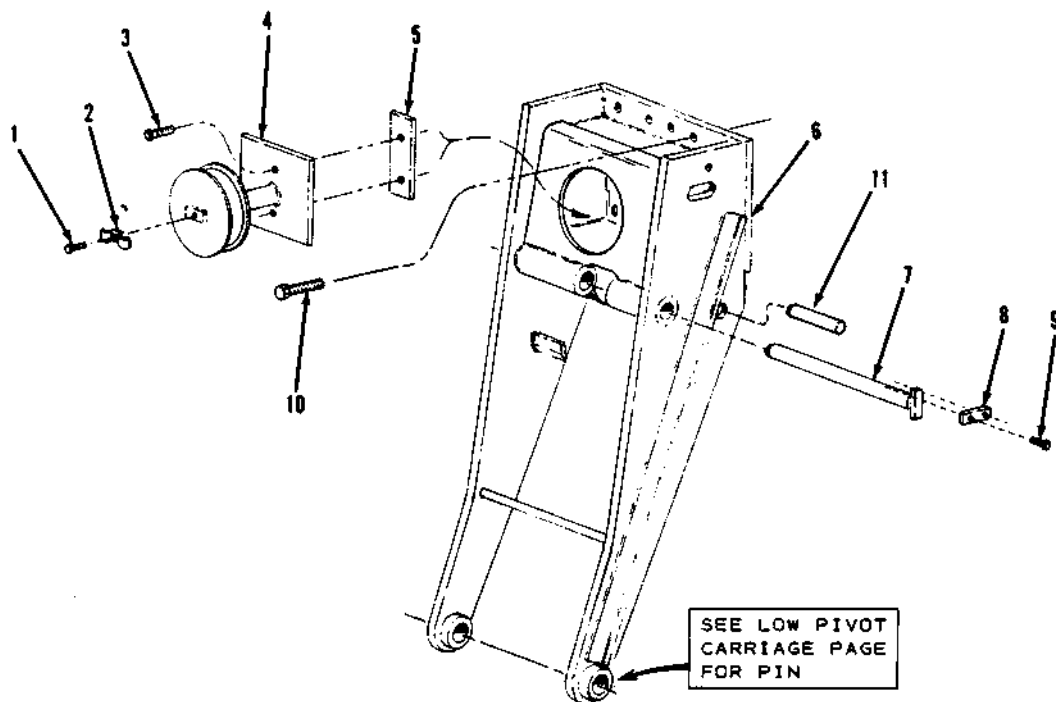
ALL MODEL 554 BEFORE S/N 330



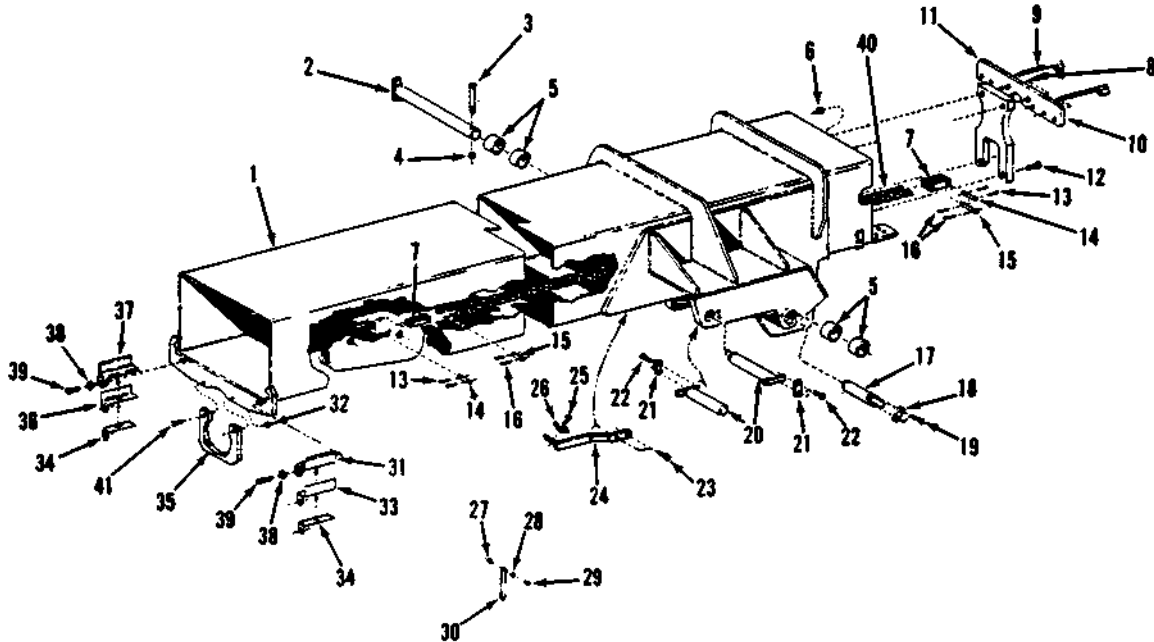
REF.	PART NO.	DESCRIPTION	REQ'D
1	026-370	BOLT, 3/8" nc x 3/8" - Gr. 5.	8
2	022-217	FITTING, grease	4
3	400-058	PIN	2
4	022-080	BUSHING	2
5	200-181	CHAIN, extension.	2
6	200-216	PIN, clevis	4
7	021-442	PIN, cotter	4
8	400-338	ROD, extension.	2
9	021-213	NUT, 1-1/4" nc.	2
10	021-205	NUT, jam, 1-1/4" nc	2
11	400-073	SHEAVE, chain	2
12	022-065	BUSHING	2
13	400-063	PIN	2
14	200-180	CHAIN, retraction	2
15	021-436	PIN, cotter	4
16	200-219	PIN	4
17	020-129	BOLT, 3/4" nc x 2" - Gr. 5.	6
18	400-381	BLOCK, chain anchor (right)	1
	400-379	BLOCK, chain anchor (left).	1
19	400-377	END, chain.	2
20	400-077	SHEAVE, half.	2
21	400-075	SHEAVE, half.	2
22	026-061	BOLT, socket head, 5/8" nc x 1-3/4" - Gr. 8	4
23	021-207	NUT, 3/4" nc.	2
24	021-230	NUT, jam, 3/4" nc	2



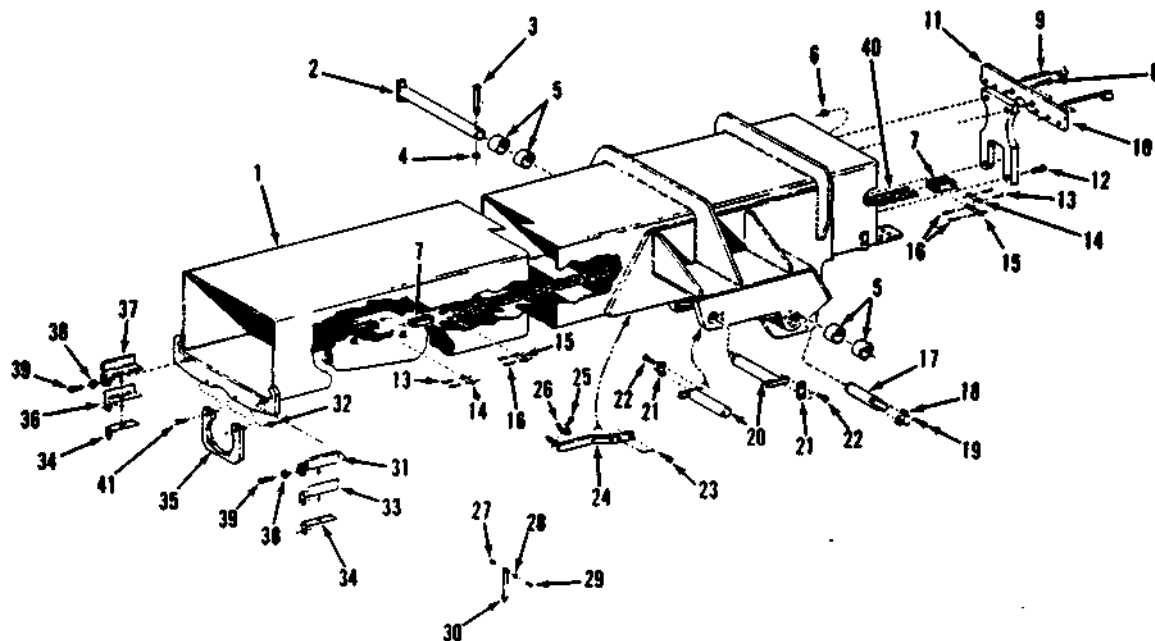
Item	Part No.	Qty.	Description Of Part
1	9080-0258	1	UNIVERSAL HEAD
2	9020-0558	1	COVER PLATE BRACKET
3	9040-0426	1	COVER PLATE
4	8820-1037	2	HEX HD CAPSCREW, 3/8-16X1-1/2 GR 5
5	8855-1011	2	LOCKWASHER, 3/8
6	8820-1111	9	HEX HD CAPSCREW, 3/4-10X2, GR 5
7	9002-1892	1	PIN
8	8863-1420	1	ROLL PIN, 3/32X3/8
9	9002-1640	1	CLEVIS PIN
10	9002-2102	2	BUSHING
11	8867-1001	1	LUBE FITTING - STRAIGHT 1/8
12	9040-0486	1	WINCH SHEAVE PIN



Item	Part No.	Qty.	Description Of Part
1	8820-1036	1	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
2	9020-0482	1	HOSE CLAMP
3	8820-1038	2	HEX HD CAPSCREW, 3/8-16X1-3/4 GR 5
4	9040-0740	1	HOSE REEL (2-1/2" post)
	9040-0594	1	HOSE REEL (1-1/2" post)
5	9020-1480	1	RETAINER BAR
6	9080-0347	1	HIGH REACH HEAD
7	9002-7634	1	TILT CYLINDER BASE PIN
8	9020-0977	1	RETAINING BAR
9	8820-1096	2	HEX HD CAPSCREW, 5/8-11X1-3/4 GR 5
10	8820-1113	9	HEX HD CAPSCREW, 3/4-10X2-1/2 GR 5
11	9040-0784	1	WINCH SHEAVE PIN

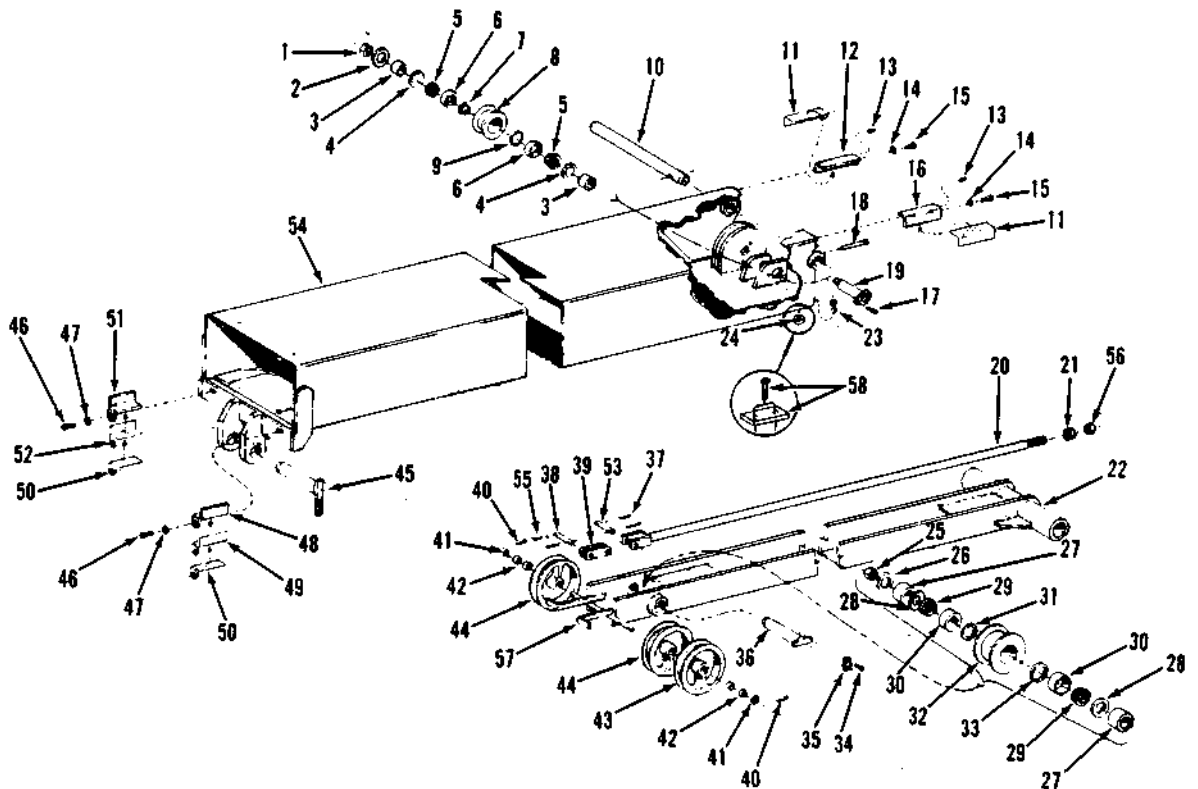


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0654	1	SINGLE COMPENSATING 1ST SECTION (552)	20	9002-7636	2	CYLINDER MOUNTING PIN
	9101-6002	1	DOUBLE COMPENSATING 1ST SECTION (552)	21	9020-0977	2	PIN RETAINER
	9080-0660	1	SINGLE COMPENSATING 1ST SECTION (554)	22	8820-1097	4	HEX HEAD CAPSCREW 5/8-11X2 (GRADE 5)
	9102-6002	1	DOUBLE COMPENSATING 1ST SECTION (554)	23	8820-1065	2	HEX HEAD CAPSCREW 1/2-13x1
2	9020-0148	1	BOOM HINGE PIN	24	9040-1590	1	TUBE LINE BRACKET
3	8320-1036	1	HEX HEAD CAPSCREW 1-8x6"	25	8820-1036	1	HEX HEAD CAPSCREW 3/8-16X1-1/4 (GRADE 5)
4	8850-1016	1	HEX NUT 1-8	26	9020-0438	1	TUBE LINE CLAMP
5	9002-2158	4	BOOM HINGE BUSHING	27	9020-0688	1	NEEDLE BEARING
6	8850-1012	2	HEX NUT 3/4-10	28	8856-1108	1	FLAT WASHER 5/16
7	9040-2796	4	CONNECTING LINK	29	8820-1018	1	HEX HEAD CAPSCREW 5/16-18X3/4 (GRADE 5)
8	8820-1119	2	HEX HEAD CAPSCREW 3/4-10X4 (GRADE 5)	30	9020-0445	1	BOOM ANGLE INDICATOR
9	9040-1637	2	HOSE BRACKET	31	9060-2067	2	LOWER LEFT & UPPER RIGHT BOOM BEARING
10	9040-1510	1	BRACKET	32	8850-1008	2	HEX NUT 1/2-13
11	9040-1132	1	STRONGBACK	33	9040-2004	AR	SHIM (LOWER LEFT & UPPER RIGHT)
12	8820-1118	2	HEX HEAD CAPSCREW 3/4-10X3-3/4 (GRADE 5)	34	9020-2018	AR	SHIM
13	8863-1337	4	COTTER PIN 3/16X1-1/2	35	9020-1928	1	BRACKET GUIDE
14	9020-5186	2	CLEVIS PIN	36	9040-2003	AR	SHIM (UPPER LEFT & LOWER RIGHT)
15	9002-7748	2	CLEVIS PIN	37	9060-2068	2	UPPER LEFT & LOWER RIGHT BOOM BEARING
16	8863-1310	4	COTTER PIN 3/32X1	38	8540-1340	8	WASHER
17	9002-7636	1	CYLINDER MOUNTING PIN (SINGLE COMP.)		8850-1008	4	HEX NUT 1/2-13
	9002-7653	2	CYLINDER MOUNTING PIN (DOUBLE COMP.)		8820-1071	4	HEX HEAD CAPSCREW 1/2-13X2-1/2 (GRADE 5)
18	9020-0977	1	PIN RETAINER (SINGLE COMP.)	40	9020-1641	1	EXTENSION CHAIN
	9020-1436	1	PIN RETAINER (DOUBLE COMP.)	41	9002-7636	1	CROWD CYLINDER BASE END PIN (NOT SHOWN)
19	8820-1097	2	HEX HEAD CAPSCREW 5/8-11X2 (GRADE 5) (SINGLE COMP.)				
	8820-1068	2	HEX HEAD CAPSCREW 1/2-13X1-3/4 (GRADE 5) (DOUBLE COMP.)				



Item	Part No.	Qty.	Description Of Part
1	9101-6018	1	1ST BOOM SECTION (552)
	9102-6018	1	1ST BOOM SECTION (554)
2	9020-0148	1	BOOM BASE PIN
3	8320-1036	1	HEX HD CAPSCREW, 1-8 x 6"
4	8850-1016	1	HEX NUT, 1-8
5	9002-2158	4	BUSHING
6	8850-1012	2	HEX NUT, 3/4-10
7	9040-2796	4	CONNECTING LINK
8	8820-1119	2	HEX HD CAPSCREW, 3/4-10x4, GR5
9	9040-1637	2	HOSE BRACKET
10	9040-1510	1	BRACKET
11	9040-1132	1	STRONGBACK
12	8820-1118	2	HEX HD CAPSCREW, 3/4-10x3-3/4 GR5
13	8863-1337	4	COTTER PIN, 3/16x1-1/2
14	9020-5186	2	CLEVIS PIN
15	9002-7748	2	CLEVIS PIN
16	8863-1310	4	COTTER PIN 3/32x1
17	9002-7653	2	PIN
18	9020-1436	1	PIN RETAINER
19	8820-1068	2	HEX HD CAPSCREW, 1/2-13x1-3/4 GR5
20	9002-7636	3	PIN

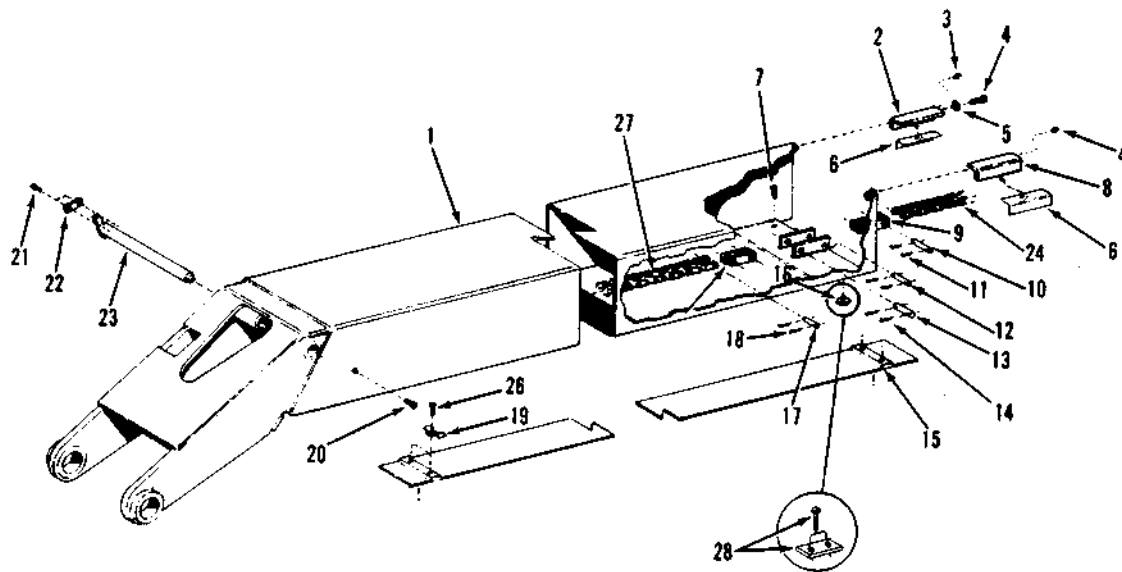
Item	Part No.	Qty.	Description Of Part
21	9020-0977	3	PIN RETAINER
22	8820-1097	6	HEX HD CAPSCREW, 5/8-11x2, GR5
23	8820-1065	2	HEX HD CAPSCREW, 1/2-13x1, GR5
24	9040-1590	1	TUBE LINE BRACKET
25	8820-1036	1	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
26	9020-0438	1	TUBE LINE CLAMP
27	9020-0688	1	NEEDLE BEARING
28	8856-1108	1	FLAT WASHER, 5/16
29	8820-1018	1	HEX HD CAPSCREW, 5/16-18x3/4 GR5
30	9020-0445	1	BOOM ANGLE INDICATOR
31	9060-2067	2	BEARING (lower left & upper right)
32	8850-1008	2	HEX NUT 1/2-13
33	9040-2004	AR	SHIM (lower left & upper right)
34	9020-2018	AR	SHIM
35	9102-1041	1	BRACKET
36	9040-2003	AR	SHIM (upper left & lower right)
37	9060-2068	2	BEARING (upper left & lower right)
38	8540-1340	8	WASHER
	8850-1008	4	HEX NUT, 1/2-13
39	8820-1071	4	HEX HD CAPSCREW, 1/2-13x2-1/2 GR5
40	9020-1641	1	EXTENSION CHAIN



Item	Part No.	Qty.	Description Of Part
1	8850-1116	1	HEAVY HEX JAM NUT 1-8
2	9040-2092	1	WASHER
3	9040-2091	2	SPACER
4	9020-1979	2	GREASE SEAL
5	9020-2068	2	CONE BEARING
6	9020-2067	2	CUP BEARING
7	9020-2065	1	SPACER (inner)
8	9040-2089	1	SHEAVE (retraction chain)
9	9020-2066	1	SPACER (outer)
10	9020-1892	1	EXTENSION BEAM PIN
11	9040-1707	AR	SHIM
12	9060-2065	1	BEARING (right rear)
13	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
14	9020-4131	2	BEARING RETAINING WASHER
15	8820-1096	2	HEX HD CAPSCREW 5/8-11X1-3/4 GR 5
16	9060-2064	1	BEARING (left rear)
17	8820-1065	1	HEX HD CAPSCREW 1/2-13X1 GR 5
18	9002-1640	1	CLEVIS PIN
	8863-1320	1	COTTER PIN 1/8X1-1/2
19	9040-1600	1	CHAIN SHEAVE PIN
20	9040-0979	1	EXTENSION CHAIN ROD
21	9003-0000	1	NUT
22	9080-0515	1	EXTENSION BEAM
23	8820-1065	2	HEX HD CAPSCREW 1/2-13X1 GR 5
24	9020-1648	2	BEARING
25	8850-1116	1	HEAVY HEX JAM NUT 1-8

Item	Part No.	Qty.	Description Of Part
26	9020-4000	1	WASHER
27	9040-1144	2	SPACER
28	9020-1980	2	GREASE SEAL
29	9020-1643	2	CONE BEARING
30	9020-1644	2	CUP BEARING
31	9020-1645	1	SPACER (inner)
32	9060-1043	1	SHEAVE (extension chain)
33	9020-1646	1	SPACER (inner)
34	8820-1096	2	HEX HEAD CAPSCREW 5/8-11X1-3/4 GR 5
35	9020-0977	1	PIN RETAINER
36	9040-1143	1	CHAIN SHEAVE PIN
37	8863-1337	2	COTTER PIN 3/16X1-1/2
38	9002-7749	1	CLEVIS PIN
39	9040-0938	6	CONNECTING LINK
40	8863-1320	2	COTTER PIN 1/8X1-1/2
	9002-7941	2	SNAP RING (5/8" shaft)
	9002-7944	2	SNAP RING (1" shaft)
41	8856-1113	2	FLAT WASHER 5/8
	8856-1117	2	FLAT WASHER 1 (1" hole)
42	9020-0314	6	BUSHING (5/8" hole)
	9020-5827	6	BUSHING (1" hole)
43	9040-1733	1	SINGLE HOSE SHEAVE (5/8" hole)
	9040-3008	1	SINGLE HOSE SHEAVE (1" hole)
44	9040-1154	2	DOUBLE HOSE SHEAVE (5/8" hole)
	9040-3009	2	DOUBLE HOSE SHEAVE (1" hole)
45	9020-5644	1	CROWD CYLINDER ROD PIN
46	8820-1071	2	HEX HD CAPSCREW 1/2-13X2-1/2 GR 5
47	8540-1340	2	WASHER
48	9060-2067	2	BEARING (lower left & upper right)
49	9040-2004	AR	SHIM (lower left & upper right)
50	9020-2018	AR	SHIM
51	9060-2068	2	BEARING (lower right & upper left)
52	9040-2003	AR	SHIM (lower right & upper left)
53	9020-4258	1	LINK PIN
54	9080-1229	-	2ND SECTION (552)
	9080-1230	-	2ND SECTION (554)
55	8863-1318	2	COTTER PIN 1/8X1
56	9002-7950	1	HEX NUT
57	9040-1849	2	BAR
	8820-1033	4	HEX HD CAPSCREW 3/8-16X3/4 GR 5
	8855-1012	4	
58	9103-3185	2	BEARING
	9020-7029	AR	SHIM
	9103-1236	2	SHIM
	8820-1537	4	HEX HD CAPSCREW 3/8-24X1-3/4 GR 5
	8856-1109	4	FLAT WASHER 3/8

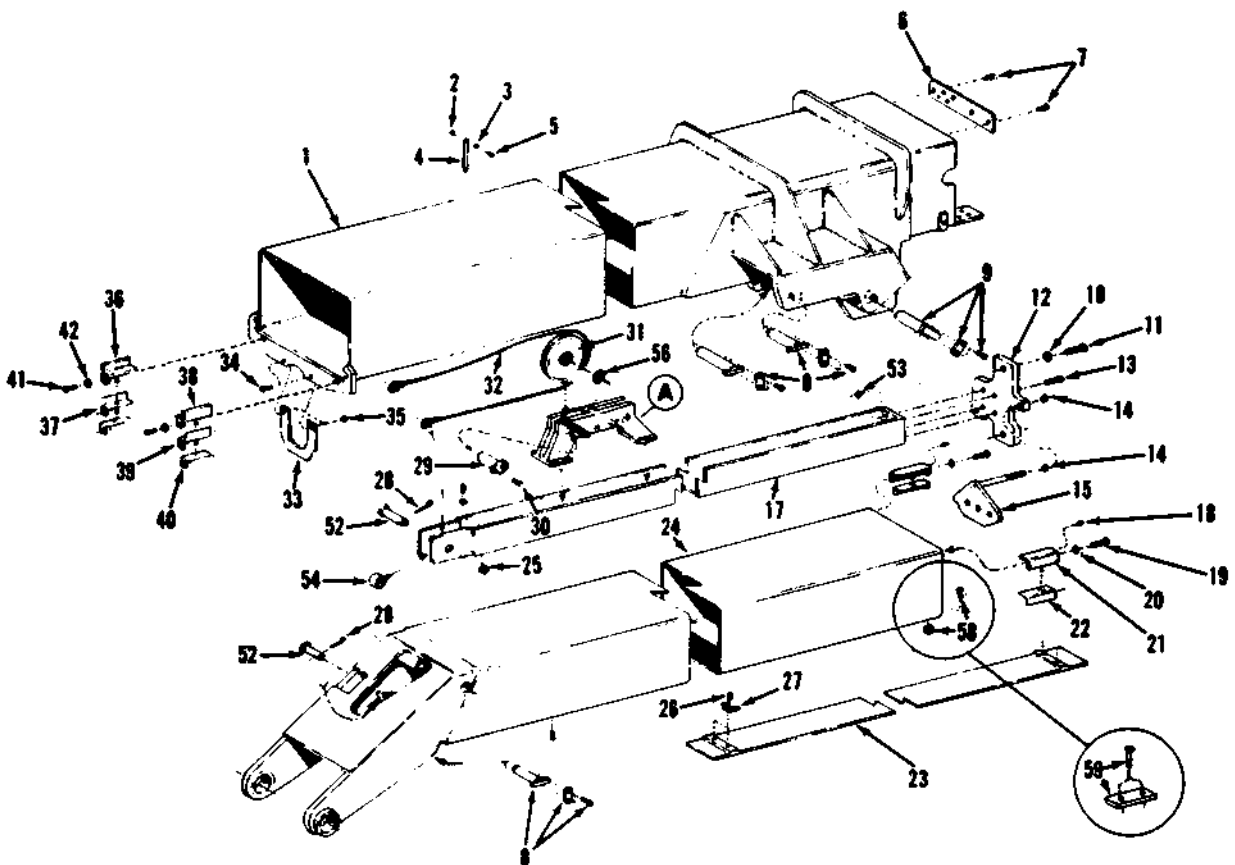
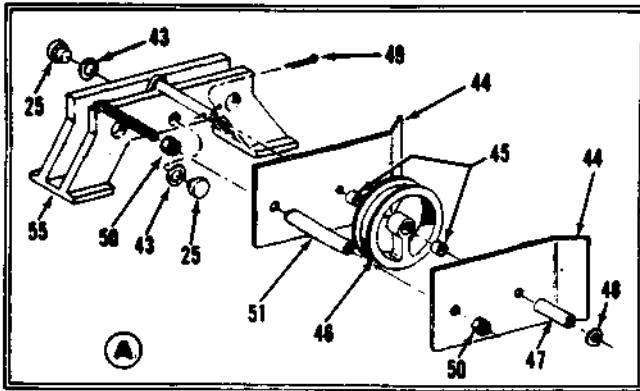
*NOTE: When ordering item no.58 bearing for 552 machines prior to S/N 8622445 and 554 machines prior to S/N 8611554, new mounting hardware must also be purchased to match fine thread bearings. (1st time only)

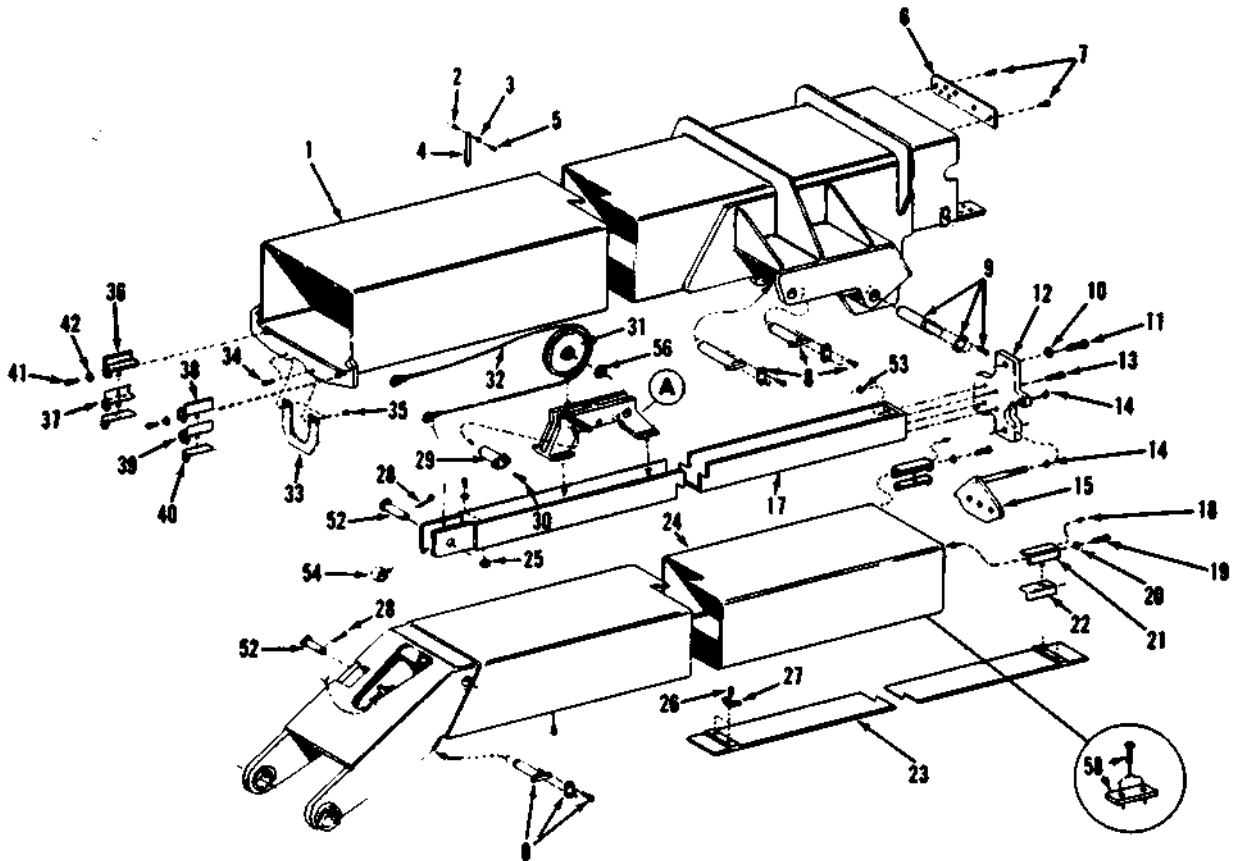
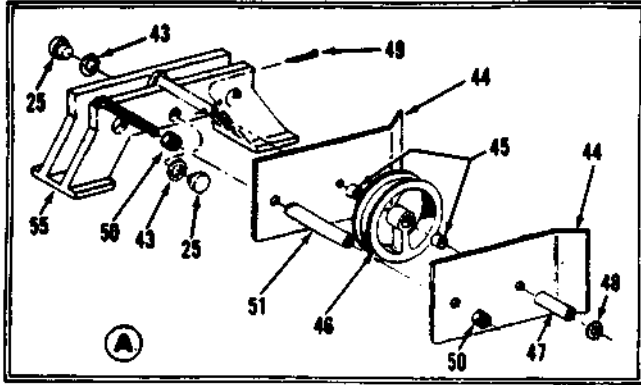


*NOTE: When ordering item no. 28 bearing for 552 machines prior to S/N 8622445 and 554 machines prior to S/N 8611554, new mounting hardware must also be purchased to match fine thread bearings. (1st time only)

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-1228	-	3RD SECTION (552)	17	9002-7749	1	CLEVIS PIN
	9080-1232	-	3RD SECTION (554)	18	8863-1318	2	COTTER PIN 1/8X1
2	9060-2065	1	BEARING (right rear)	19	9020-0483	6	CLAMP
3	8867-1001	2	LUBE FITTING - STRAIGHT 1/8	20	8820-1036	2	HEX HD CAPSCREW 3/8-16X1-1/4 GR 5
4	8820-1096	2	HEX HD CAPSCREW GR 5	21	8820-1071	2	HEX HD CAPSCREW 1/2-13X2-1/2 GR 5
5	9020-4131	2	BEARING RETAINING WASHER	22	9020-4037	1	PIN RETAINER
6	9040-1707	AR	SHIM	23	9002-7638	1	CYLINDER MOUNTING PIN
7	9002-7976	2	CAPSCREW	24	9020-1641	1	RETRACTION CHAIN
8	9060-2064	1	BEARING (left rear)	25	9040-0938	6	CONNECTING LINK
9	9040-2796	2	CONNECTING LINK	26	8820-1035	6	HEX HD CAPSCREW GR 5
10	9002-7748	1	CLEVIS PIN	27	9020-1642	1	RETRACTION CHAIN
11	8863-1310	2	COTTER PIN 3/32X1	28	9103-3186	2	BEARING
12	9020-5186	1	CLEVIS PIN		9020-7029	AR	SHIM
13	9020-1962	1	CLEVIS PIN		9103-1236	2	SHIM
14	8863-1337	2	COTTER PIN 3/16X1-1/2		8820-1536	4	HEX HD CAPSCREW 3/8-24X1-1/2 GR 5
15	9060-1069	1	LINE MOUNTING PLATE		8856-1109	2	FLAT WASHER 3/8
16	9020-1648	2	BEARING				

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Item	Part No.	Qty.	Description Of Part
1	9080-0654	-	SINGLE COMPENSATING 1ST SECTION (552)
	9080-0660	-	SINGLE COMPENSATING 1ST SECTION (554)
	9101-6002	-	DOUBLE COMPENSATING 1ST SECTION (552)
	9102-6002	-	DOUBLE COMPENSATING 1ST SECTION (554)
2	9020-0698	1	BEARING
3	9002-1454	1	WASHER
4	9020-0445	1	BOOM ANGLE INDICATOR
5	9002-6491	1	SHOULDER BOLT
6	9040-1643	1	HOSE BRACKET
7	8820-1065	2	HEX HEAD CAPSCREW 1/2-13X1 (Grade 5)
8	9002-7636	3	CYLINDER MOUNT PIN
	9020-0977	3	RETAINER BAR
	8820-1097	6	HEX HEAD CAPSCREW 5/8-11X2 (Grade 5)
9	9002-7636	1	CYLINDER MOUNT PIN (Single comp.)
	9020-0977	1	RETAINER BAR
	8820-1065	2	HEX HEAD CAPSCREW 1/2-13X1 (Grade 5)
	9002-7653	2	CYLINDER MOUNT PIN (Double comp.)
	9020-1436	2	RETAINER BAR
	8820-1068	4	HEX HEAD CAPSCREW 1/2-13X1-3/4 (Grade 5)
10	8856-1009	3	FLAT WASHER 3/4
11	8820-1115	3	HEX HEAD CAPSCREW 3/4-10X3 (Grade 5)
12	9040-1651	1	STRONGBACK
13	8820-1109	4	HEX HEAD CAPSCREW 3/4-10X1-1/2 (Grade 5)
14	8850-1112	2	HEX NUT 3/4-10
15	9060-1318	1	HOSE TENSIONING PLATE
16	9060-2065	1	BEARING (right rear)
17	9060-1281	1	ANCHOR EXTENSION
18	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
19	8820-1096	2	HEX HEAD CAPSCREW 5/8-11X1-3/4 (Grade 5)
20	9020-4131	2	WASHER
21	9060-2064	1	BEARING (left rear)
22	9040-1707	AR	SHIM
23	9060-1069	1	LINE MOUNTING PLATE
24	9080-0652	-	STANDARD SECTION (552)
	9080-0492	-	STANDARD SECTION (554)
	9060-1419	-	SECTION WITH GONDOLA HEAD (552)
	9060-1325	-	SECTION WITH GONDOLA HEAD (554)
25	9020-1648	3	BEARING
26	8820-1035	6	HEX HEAD CAPSCREW 3/8-16X1 (Grade 5)
27	9020-0482	3	CLAMP (used on auxiliary lines)
	9020-0483	3	CLAMP (used on tilt lines)
28	8863-1339	2	COTTER PIN 3/16X2
29	9040-0993	1	SHEAVE PIN
30	8820-1063	1	HEX HEAD CAPSCREW 1/2-13X3/4 (Grade 5)

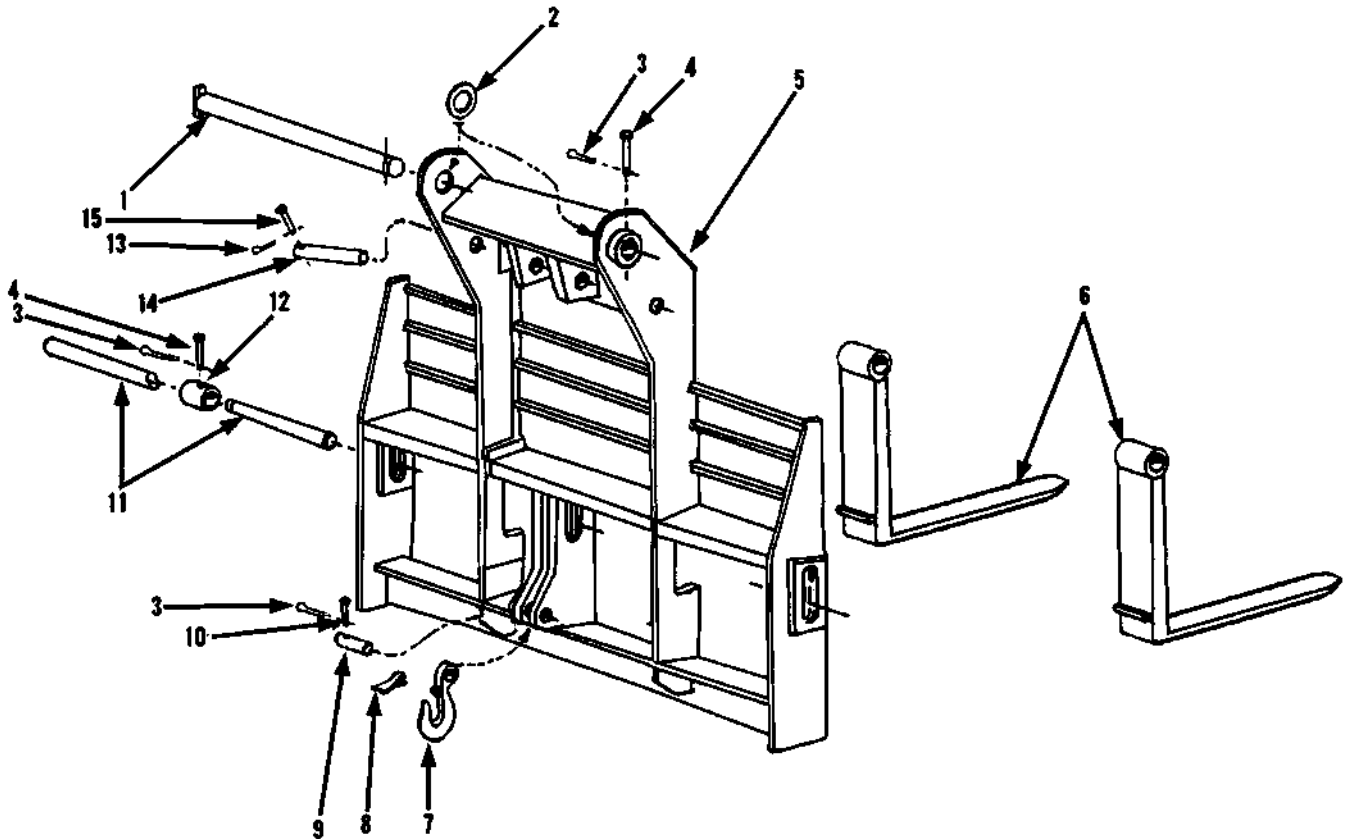
Item	Part No.	Qty.	Description Of Part
31	9040-0301	1	CABLE SHEAVE
32	9020-1750	1	CABLE
33	9040-1659	1	BRACKET
34	8820-1068	2	HEX HEAD CAPSCREW 1/2-13X1-3/4 (Grade 5)
35	8850-1008	2	HEX NUT 1/2-13
36	9060-2068	2	BEARING (upper left and lower right)
37	9040-2003	2	SHIM
38	9060-2067	2	BEARING (lower left and upper right)
39	9040-2004	2	SHIM
40	9020-2018	AR	SHIM
41	8820-1071	2	HEX HEAD CAPSCREW 1/2-13X2-1/2 (Grade 5)
42	8540-1340	4	WASHER
43	9002-7475	3	WASHER
44	9040-1627	2	RETAINING PLATE
45	9020-0314	2	BUSHING
46	9040-1154	1	HOSE SHEAVE
47	9040-1629	1	SPACER
48	8856-1113	2	FLAT WASHER 5/8
49	8863-1318	1	COTTER PIN 1/8X1
50	8850-1120	2	HEX NUT 1-1/4-7
51	9020-4049	1	SPACER (auxiliary hyd.)
	9020-4047	1	SPACER (auxiliary hyd. with electrics)
52	9002-1643	2	CABLE END PIN
53	8850-1010	4	HEX NUT 5/8-11
54	9020-4007	1	SPACER
55	9080-0649	1	TROLLY
56	9020-0253	1	THRUST WASHER
57	9020-1930	2	BUSHING (not shown) use with gondola head
58	9020-1648	2	BOOM BEARING
	8820-1065	2	HEX HEAD CAPSCREW 1/2-13X1 (Grade 5)
59	9103-3185	2	BEARING (starting S/N 670)
	8820-1535	4	HEX HEAD CAPSCREW 3/8-24X1-1/4 (Grade 5)
	9020-5870	AR	SHIM
	8856-1109	4	FLAT WASHER
	9103-1236	2	SHIM

*NOTE: When ordering item no. 59 bearing for 552 machines prior to S/N 8622445 and 554 machines prior to S/N 8611554, new mounting hardware must also be purchased to match fine thread bearings. (1st time only)

Item	Part No.	Qty.	Description Of Part
1	9101-6018	1	1ST BOOM SECTION (552)
	9102-6018	1	1ST BOOM SECTION (554)
2	9020-0698	1	BEARING
3	8856-1111	1	FLAT WASHER, 1/2
4	9020-0445	1	BOOM ANGLE INDICATOR
5	9002-6491	1	SHOULDER BOLT
6	9040-1643	1	HOSE BRACKET
7	8820-1065	2	HEX HD CAPSCREW, 1/2-13x1, GR5
8	9002-7636	3	PIN
	9020-0977	3	RETAINER BAR
	8820-1097	6	HEX HD CAPSCREW, 5/8-11x2, GR5
9	9002-7653	2	PIN
	9020-1436	2	RETAINER BAR
	8820-1068	4	HEX HD CAPSCREW, 1/2-13x1-3/4 GR5
10	8856-1009	3	FLAT WASHER, 3/4
11	8820-1115	3	HEX HD CAPSCREW, 3/4-10x3, GR5
12	9040-1651	1	STRONGBACK
13	8820-1109	4	HEX HD CAPSCREW, 3/4-10x1-1/2 GR5
14	8850-1112	2	HEX NUT, 3/4-10
15	9060-1318	1	HOSE TENSIONING PLATE
16	9060-2065	1	BEARING (right rear)
17	9060-1281	1	ANCHOR EXTENSION
18	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
19	8820-1096	2	HEX HD CAPSCREW, 5/8-11x1-3/4 GR5
20	9020-4131	2	WASHER
21	9060-2064	1	BEARING (left rear)
22	9040-1707	AR	SHIM
23	9060-1069	1	LINE MOUNTING PLATE
24	9080-0652	-	2ND SECTION (standard 552)
	9080-0492	-	2ND SECTION (standard 554)
	9060-1419	-	2ND SECTION (gondola 552)
	9060-1325	-	2ND SECTION (gondola 554)
25	9020-1648	3	BEARING
26	8820-1035	6	HEX HD CAPSCREW, 3/8-16x1, GR5
27	9020-0482	3	CLAMP (used on aux lines)
	9020-0483	3	CLAMP (used on tilt lines)
28	8863-1339	2	COTTER PIN 3/16x2
29	9040-0993	1	PIN

Item	Part No.	Qty.	Description Of Part
30			HEX HD CAPSCREW, 1/2-13x3/4 GR5
30	8820-1063	1	HEX HD CAPSCREW, 1/2-13x3/4 GR5
31	9040-0301	1	CABLE SHEAVE
32	9020-1750	1	CABLE
33	9040-1659	1	BRACKET
34	8820-1068	2	HEX HD CAPSCREW, 1/2-13x1-3/4 GR5
35	8850-1008	2	HEX NUT, 1/2-13
36	9060-2068	2	BEARING (upper left & lower right)
37	9040-2003	2	SHIM
38	9040-2067	2	BEARING (upper right & lower left)
39	9040-2004	2	SHIM
40	9020-2018	AR	SHIM
41	8820-1071	2	HEX HD CAPSCREW, 1/2-13x2-1/2 GR5
42	8540-1340	4	WASHER
43	9002-7475	3	WASHER
44	9040-1627	2	RETAINING PLATE
45	9020-0314	2	BUSHING
46	9040-1154	1	HOSE SHEAVE
47	9040-1629	1	SPACER
48	8856-1113	2	FLAT WASHER, 5/8
49	8863-1318	1	COTTER PIN, 1/8x1
50	8850-1120	2	HEX NUT, 1-1/4-7
51	9020-4049	1	SPACER (aux. hydraulics)
	9020-4047	1	SPACER (aux. hydraulics with electrics)
52	9002-1643	2	CABLE END PIN
53	8850-1010	4	HEX NUT, 5/8-11
54	9020-4007	1	SPACER
55	9080-0649	1	TROLLY
56	9020-0253	1	THRUST WASHER
57	9020-1930	2	BUSHING (use with gondola head)
58	9103-3185	2	BEARING
	8820-1535	4	HEX HD CAPSCREW, 3/8-24x1-1/4 GR5
	9020-5870	AR	SHIM
	8856-1109	4	FLAT WASHER, 3/8
	9103-1236	2	SHIM

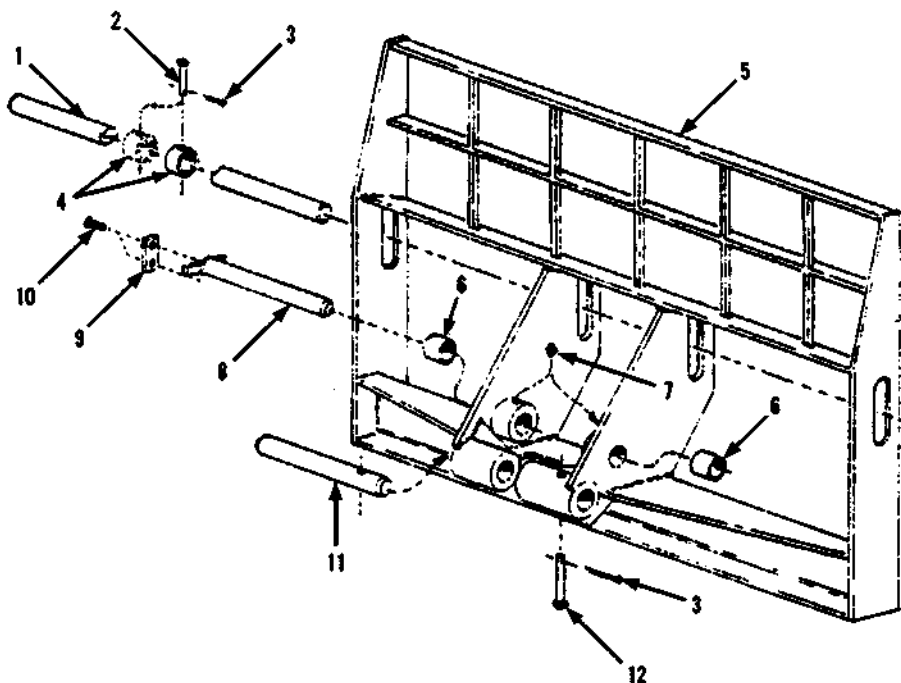
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NOTE: MANY DIFERENT FORK ASSEMBLIES ARE AVAILABLE FOR THE CARIAGE ASSEMBLIES USED ON THE 552/554. PLEASE SEE FORK INFORMATION PAGE, (4-20) FOR LIST OF FORKS.

Item	Part No.	Qty.	Description Of Part
1	9002-1910	1	PIN
2	9020-0423	2	THRUST WASHER
* 3	8863-1320	4	COTTER PIN
4	9002-1652	1	CLEVIS PIN
5	9080-0003	1	FORK FRAME
6	9060-0287	2	FORK
7	9020-0470	1	HOOK
8	9020-0259	1	SAFETY LATCH KIT
9	9020-0271	1	PIN
10	9002-1586	1	CLEVIS PIN
11	9020-0001	1	FORK PIN
12	9020-0003	1	COLLAR
13	9002-1616	1	CLEVIS PIN
14	9002-2015	1	PIN
15	9002-1634	1	CLEVIS PIN

* Added fork note; changed part number on item 3; re-formated page to current standards.

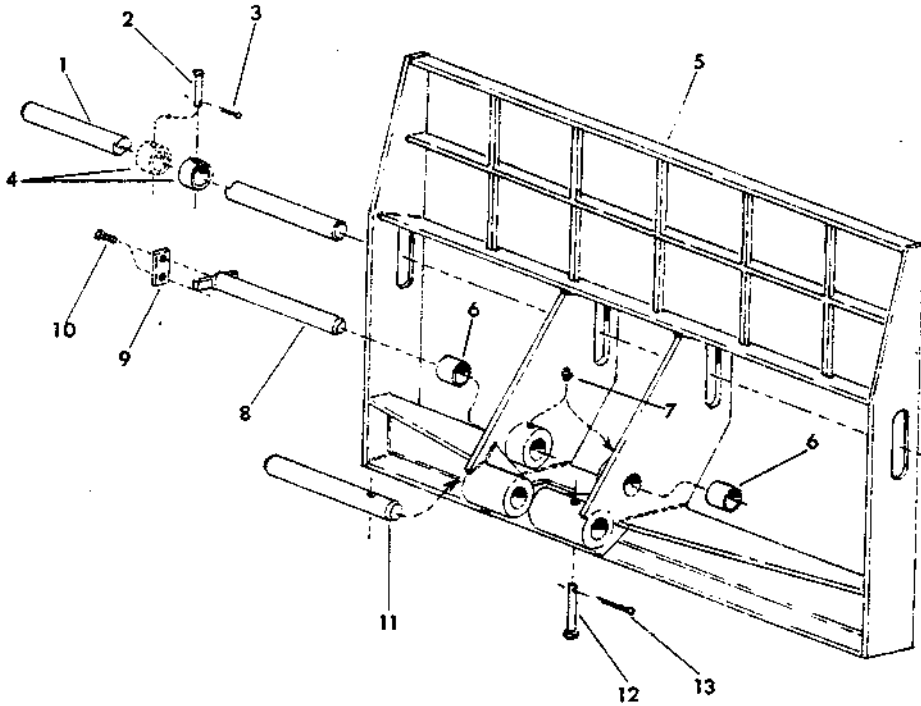


NOTE: MANY DIFFERENT FORK ASSEMBLIES ARE AVAILABLE FOR THE CARRIAGE ASSEMBLIES USED ON THE 552/544. PLEASE SEE FORK INFORMATION PAGE, (4-20) FOR LIST OF FORKS.

Item	Part No.	Qty.	Description Of Parts	Item	Part No.	Qty.	Description Of Parts
	9080-0350	Ref	48" CARRIAGE, (includes all items)		9080-0351	Ref	72" CARRIAGE, (includes all items)
1	9020-0001	1	FORK PIN	1	9040-0776	1	FORK PIN
	9002-1616	1	CLEVIS PIN	2	9002-1616	2	CLEVIS PIN
* 3	8863-1320	2	COTTER PIN, 1/8X1-1/2	* 3	8863-1320	3	COTTER PIN, 1/8X1-1/2
4	9020-0003	1	PIN RETAINING COLLAR	4	9020-0003	2	PIN RETAINING COLLAR
5	9080-0348	1	CARRIAGE FRAME	5	9080-0326	1	CARRIAGE FRAME
6	9002-2209	2	BUSHING	6	9002-2209	2	BUSHING
7	9002-2217	2	GREASE FITTING	7	9002-2217	2	GREASE FITTING
8	9002-7486	1	CARRIAGE PIVOT PIN	8	9002-7486	1	CARRIAGE PIVOT PIN
9	9020-0977	1	RETAINING BAR	9	9020-0977	1	RETAINING BAR
* 10	8820-1096	2	HEX HD CAPSCREW, 5/8-11X1-3/4, GR5	* 10	8820-1096	2	HEX HD CAPSCREW, 5/8-11X1-3/4, GR5
11	9002-2016	1	TILT CYLINDER ROD PIN	11	9002-2016	1	TILT CYLINDER ROD PIN
12	9002-1646	1	CLEVIS PIN	12	9002-1646	1	CLEVIS PIN

* Added fork note; revised illustration, Qty on item 3, and part number on item 10; removed item 13; re-formatted page to current standards.

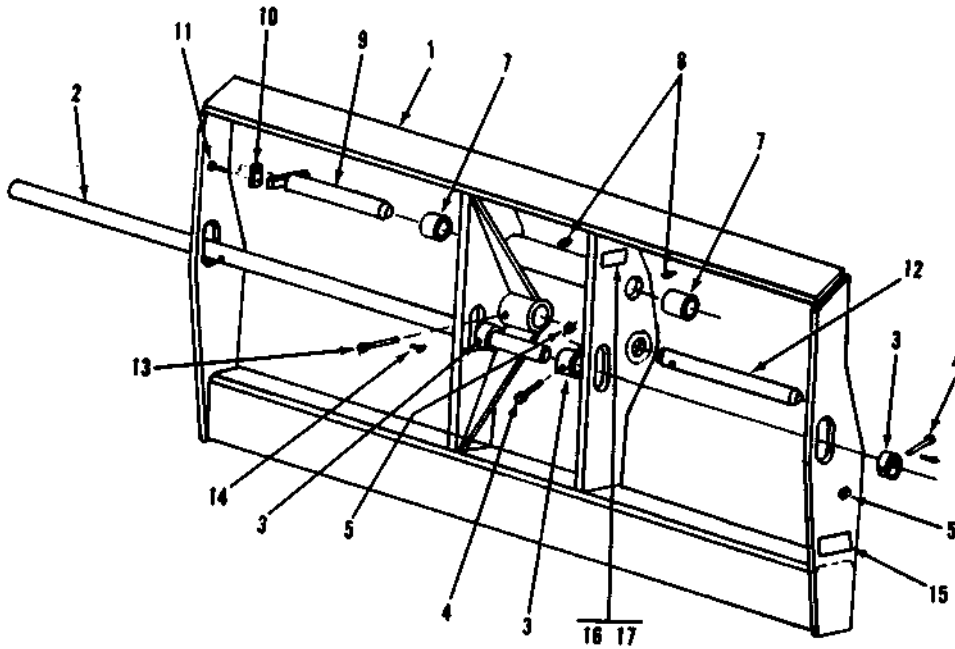
48" and 72" LOW PIVOT CARRIAGE



KEY:

- A - 800-350 CARRIAGE, 48" low pivot
- B - 800-351 CARRIAGE, 72" low pivot

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	200-001	PIN, fork	1	-
1	400-776	PIN, fork	-	1
2	021-616	PIN, clevis	1	2
3	021-443	PIN, cotter	1	2
4	200-003	COLLAR, pin retaining	1	2
5	800-348	FRAME, carriage	1	-
5	800-326	FRAME, carriage	-	1
6	022-209	BUSHING	2	2
7	022-217	FITTING, grease	2	2
8	027-486	PIN, carriage pivot	1	1
9	200-977	BAR, retaining	1	1
10	020-123	BOLT, 5/8" nc x 1-3/4" Gr. 5	2	2
11	022-016	PIN, tilt cylinder rod	1	1
12	021-646	PIN, clevis	1	1
13	021-443	PIN, cotter	1	1



554

554

Item	Part No.	Qty.	Description Of Part
	9035-5001		CARRIAGE ASSY (60")(includes all items except #6 & 15)
1	9080-0518	1	CARRIAGE
2	9040-1917	2	FORK PIN
3	9020-0752	4	COLLAR
4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	4	HEX LOCKNUT, 5/8-11
6			
7	9002-2158	4	BUSHING
8	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
9	9002-1911	1	HEAD PIN
10	9020-4037	1	BAR
11	8820-1069	2	HEX HD CAPSCREW, 1/2-13x2 GR5
12	9002-2017	1	TILT PIN
13	9002-1646	1	CLEVIS PIN
14	8863-1320	1	COTTER PIN, 1/8x1-1/2
15			
16	9015-3001	4	SERIAL NO. PLATE
17	8834-1022	4	DRIVE SCREW #10x3/8

Item	Part No.	Qty.	Description Of Part
	9035-5002		CARRIAGE ASSY (80")(includes all items except #6 & 15)
1	9080-0517	1	CARRIAGE
2	9040-1018	2	FORK PIN
3	9020-0752	4	COLLAR
4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	4	HEX LOCKNUT, 5/8-11
6			
7	9002-2158	4	BUSHING
8	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
9	9002-1911	1	HEAD PIN
10	9020-4037	1	BAR
11	8820-1069	2	HEX HD CAPSCREW, 1/2-13x2 GR5
12	9002-2017	1	TILT PIN
13	9002-1646	1	CLEVIS PIN
14	8863-1320	1	COTTER PIN, 1/8x1-1/2
15			
16	9015-3001	1	SERIAL NO. PLATE
17	8834-1022	4	DRIVE SCREW #10x3/8

552

Item	Part No.	Qty.	Description Of Part
	9025-5004		CARRIAGE ASSY (80")(includes all items except #6 & 15)
1	9080-0647	1	CARRIAGE
2	9040-1918	2	FORK PIN
3	9020-0752	4	COLLAR
4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	4	HEX LOCKNUT, 5/8-11
6			
7	9002-2158	4	BUSHING
8	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
9	9002-1911	1	HEAD PIN
10	9020-4037	1	BAR
11	8820-1069	2	HEX HD CAPSCREW, 1/2-13x2 GR5
12	9002-2017	1	TILT PIN
13	9002-1646	1	CLEVIS PIN
14	8863-1320	1	COTTER PIN, 1/8x1-1/2
15			
16	9015-3001	1	SERIAL NO. PLATE
17	8834-1022	4	DRIVE SCREW #10x3/8

552

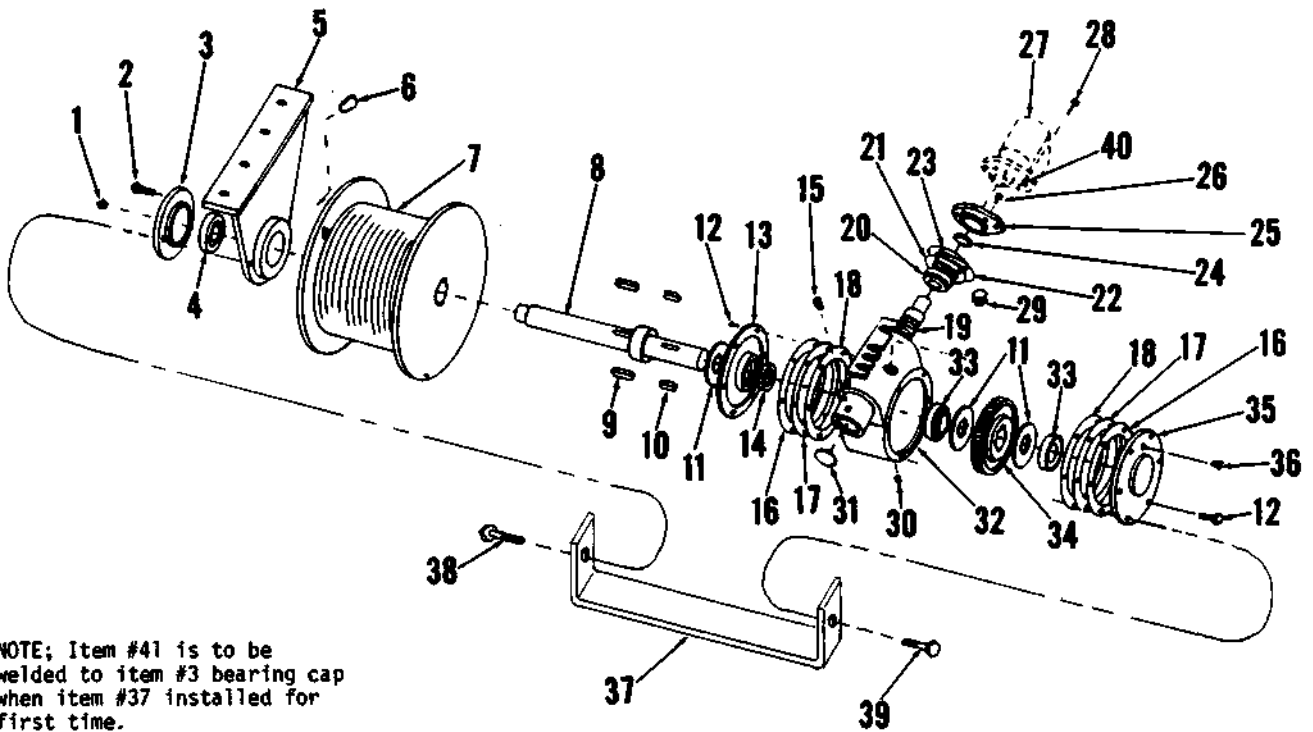
Item	Part No.	Qty.	Description Of Part
	9025-5019		CARRIAGE ASSY (60")(includes all items except #6 & 15)
1	9080-0648	1	CARRIAGE
2	9040-1917	2	FORK PIN
3	9020-0752	2	COLLAR
4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	4	HEX LOCKNUT, 5/8-11
6			
7	9002-2158	4	BUSHING
8	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
9	9002-1911	1	HEAD PIN
10	9020-4037	1	BAR
11	8820-1069	2	HEX HD CAPSCREW, 1/2-13x2 GR5
12	9002-2017	1	TILT PIN
13	9002-1646	1	CLEVIS PIN
14	8863-1320	1	COTTER PIN, 1/8x1-1/2
15			
16	9015-3001	1	SERIAL NO. PLATE
17	8834-1022	4	DRIVE SCREW #10x3/8

554 3SL

Item	Part No.	Qty.	Description Of Part
	9035-5028		CARRIAGE ASSY (48")(includes all items except #6)
1	9080-0348	1	CARRIAGE
2	9020-0001	1	FORK PIN
3	9020-0003	2	COLLAR
4	8820-1105	2	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	2	HEX LOCKNUT, 5/8-11
6			
7	9002-2209	2	BUSHING
8	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
9	9002-7486	1	HEAD PIN
10	9020-0977	1	BAR
11	8820-1099	2	HEX HD CAPSCREW, 5/8-11x2-1/2 GR5
12	9002-2016	1	TILT PIN
13	9002-1646	1	CLEVIS PIN
14	8863-1320	1	COTTER PIN, 1/8x1-1/2
15	9040-2918	1	DECAL
16	9015-3001	1	SERIAL NO. PLATE
17	8834-1022	4	DRIVE SCREW #10x3/8

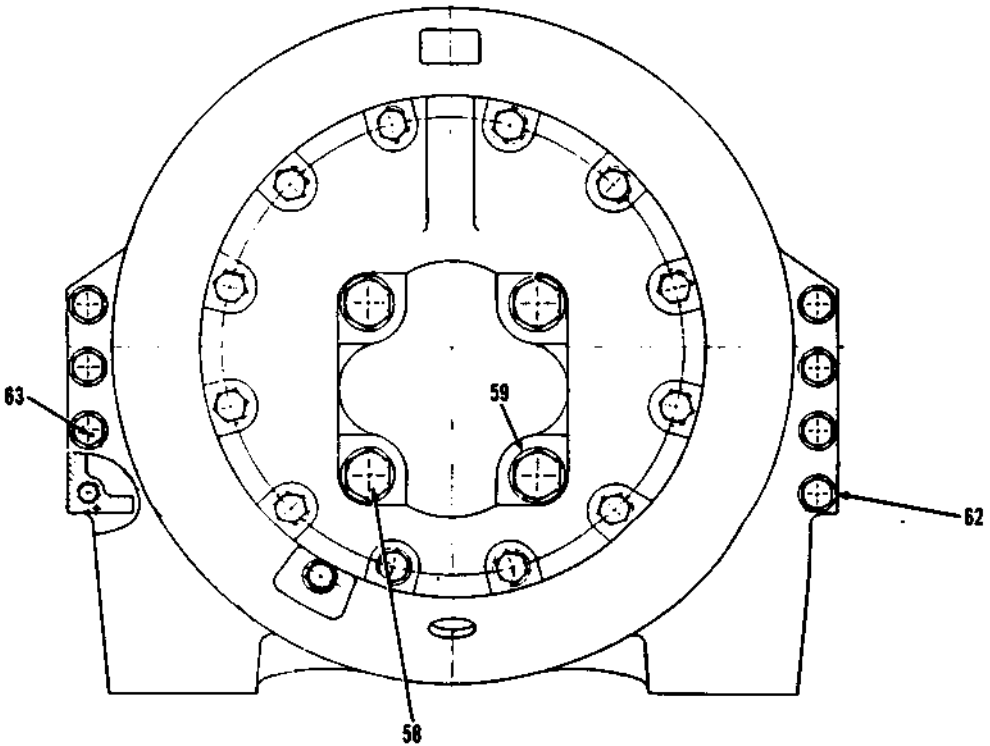
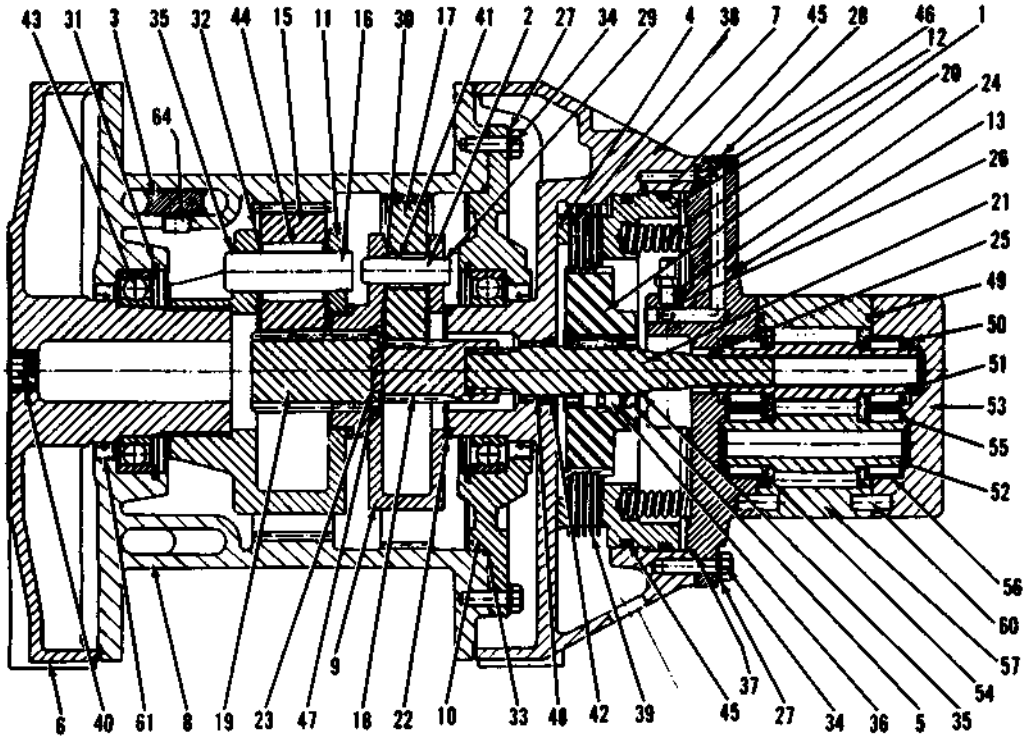
554 3SL

Item	Part No.	Qty.	Description Of Part
	9035-5029		CARRIAGE ASSY (72")(includes all items excp
1	9080-0426	1	CARRIAGE
2	9040-0776	1	FORK PIN
3	9020-0003	2	COLLAR
4	8820-1105	2	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	2	HEX LOCKNUT, 5/8-11
6			
7	9002-2209	2	BUSHING
8	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
9	9002-7486	1	HEAD PIN
10	9020-0977	1	BAR
11	8820-1099	2	HEX HD CAPSCREW, 5/8-11x2-1/2 GR5
12	9002-2016	1	TILT PIN
13	9002-1646	1	CLEVIS PIN
14	8863-1320	1	COTTER PIN, 1/8x1-1/2
15	9040-1918	2	DECAL
16	9015-3001	1	SERIAL NO. PLATE
17	8834-1022	4	DRIVE SCREW #10x3/8



NOTE; Item #41 is to be welded to item #3 bearing cap when item #37 installed for first time.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8867-1001	1	LUBE FITTING - STRAIGHT 1/8	21	9101-3042	2	SHIM (.003)
2	8820-1066	1	HEX HEAD CAPSCREW 1/2-13X1-1/4 (GRADE 5)	22	9101-3043	2	SHIM (.010)
3	9020-0604	1	BEARING CAP	23	9101-3044	2	SHIM (.030)
4	9020-0674	1	SELF ALIGNING BEARING	24	9020-0667	1	SEAL
5	9040-0370	1	WINCH DRUM END (3SL BOOM ONLY)	25	9040-0691	1	ADAPTER PLATE
	9040-1155	1	WINCH MOUNTING WELDMENT (2S & 3S BOOM)	26	8821-1072	5	SOCKET HEAD CAPSCREW #8-32X1-1/4 (GRADE 8)
6	9020-0490	1	CABLE WEDGE	27	see page 10-22		WINCH MOTOR
7	9060-0285	1	WINCH DRUM (3SL BOOM ONLY)	28	8820-1095	2	HEX HEAD CAPSCREW 5/8-11X1-1/2 (GRADE 5)
	9060-0410	1	WINCH DRUM (2S & 3S BOOM)	29	8871-1284	1	HEX SOCKET PIPE PLUG 3/4
8	9040-0371	1	SHAFT	30	8871-1254	1	SQUARE HEAD PIPE PLUG 3/4
9	9020-0460	2	KEY	31	9020-0438	1	FREEZE PLUG
10	9020-0461	2	KEY	32	9060-0420	1	GEAR HOUSING
11	9020-0444	3	SPACER	33	9020-0441	2	CONE BEARING
12	8820-1549	11	HEX HEAD CAPSCREW 7/16-20X1 (GRADE 5)		9020-7205	2	CUP BEARING
13	9060-0418	1	END COVER	34	9060-0276	1	WORM GEAR
14	9020-0606	1	WIPER	35	9060-0416	1	END COVER
15	9020-0439	1	VENT	36	8871-1282	1	HEX SOCKET PIPE PLUG - 3/8
16	9101-3039	2	SHIM (.003)	37	9102-1001	1	CABLE FOLLOWER
17	9101-3040	2	SHIM (.010)	38	8820-1067	1	HEX HEAD CAPSCREW 1/2-13X1-1/2 (GRADE 5)
18	9101-3041	2	SHIM (.030)	39	8820-1550	1	HEX HEAD CAPSCREW 7/16-20X1-1/4 (GRADE 5)
19	9040-0365	1	WORM GEAR	40	8821-1071	1	SOCKET HEAD CAPSCREW #8-32X1 (GRADE 8)
20	9020-0440	2	CUP BEARING	41	9102-1016		BAR
	9020-7204	2	CONE BEARING				



Item	Part No.	Qty.	Description Of Part
	9102-3063		WINCH (includes all items)
	9101-4056		WINCH SEAL KIT (consists of items 33,37,42,45,46 & 61)
	9101-4057		MOTOR SEAL KIT (consists of items 49 & 55)
1	9101-4013	10	SPRING
2	9103-4166	3	PRIMARY PLANET PIN
3		1	WEDGE
4	9101-4014	1	BRAKE SPACER
5	9101-4015	2	SPRAG CLUTCH ALIGNER
6	9101-4017	1	END HOUSING
7	9101-4016	1	BRAKE HOUSING
8	9101-4018	1	CABLE DRUM
9	9101-4019	1	PRIMARY PLANET HUB
10	9101-4020	1	BEARING FLANGE
11	9101-4021	1	PLANET HUB FINAL DRIVE
12	9101-4022	1	PISTON
13	9101-4023	1	MOTOR ADAPTER
14	9101-4024	2	TIE BAR
15	9101-4025	3	PLANET GEAR FINAL DRIVE
16	9101-4026	3	PLANET PIN FINAL DRIVE
17	9101-4027	3	PLANET GEAR PRIMARY DRIVE
18	9101-4028	1	PRIMARY SUN GEAR
19	9101-4029	1	SUN GEAR FINAL DRIVE
20	9101-4030	1	BRAKE HUB
21	9101-4031	1	MOTOR DRIVE SHAFT
22	9101-4032	2	PLANET HUB STOPPER
23	9101-4033	1	PRIMARY SUN GEAR STOPPER
24	9101-4034	1	ORIFICE PLUG
25	9101-4035	1	CIRCLIP
26	9101-4036	2	PIPE PLUG
27	9101-4037	18	LOCKWASHER
28	9101-4038	3	PIPE PLUG
29		6	CIRCLIP
30	9103-4200	6	THRUST RACE

Item	Part No.	Qty.	Description Of Part
31	9101-4040	2	CIRCLIP
32	9101-4041	6	THRUST RACE
33		1	O RING
34	8820-1036	18	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
35	9103-4203	7	CIRCLIP
36	9103-4202	2	SPRAG CLUTCH
37		1	O RING
38	9101-4039	4	BRAKE PLATE
39	9101-4042	5	DIVIDER PLATE
40	9101-4043	1	PIPE PLUG
41	9101-4044	3	NEEDLE BEARING
42		1	OIL SEAL
43	9101-4045	2	BALL BEARING
44	9101-4046	51	ROLLER
45		2	O RING
46		1	O RING
47	9101-4047	1	CIRCLIP
48	9101-4048	1	NEEDLE BEARING
49	7713-4034	2	GASKET SEAL
50	7710-4029	2	RING SEAL
51	9101-4049	1	DRIVE GEAR
52	9101-4050	1	DRIVEN GEAR
53	9101-4051	1	PORT END COVER
54	9101-4052	2	THRUST PLATE
55		12	POCKET SEAL
56	9101-4053	4	ROLLER BEARING
57	9101-4054	1	GEAR HOUSING
58	7713-4089	4	HEX HD CAPSCREW
59	7713-4044	4	WASHER
60	7713-4035	2	DOWEL PIN
61		2	OIL SEAL
62	8855-1012	16	LOCKWASHER, 7/16
63	8820-1055	16	HEX HD CAPSCREW, 7/16-14x2-1/4 GR5
64	9101-4055	1	HEX SOCKET PIPE PLUG, 1/2"-14NPT

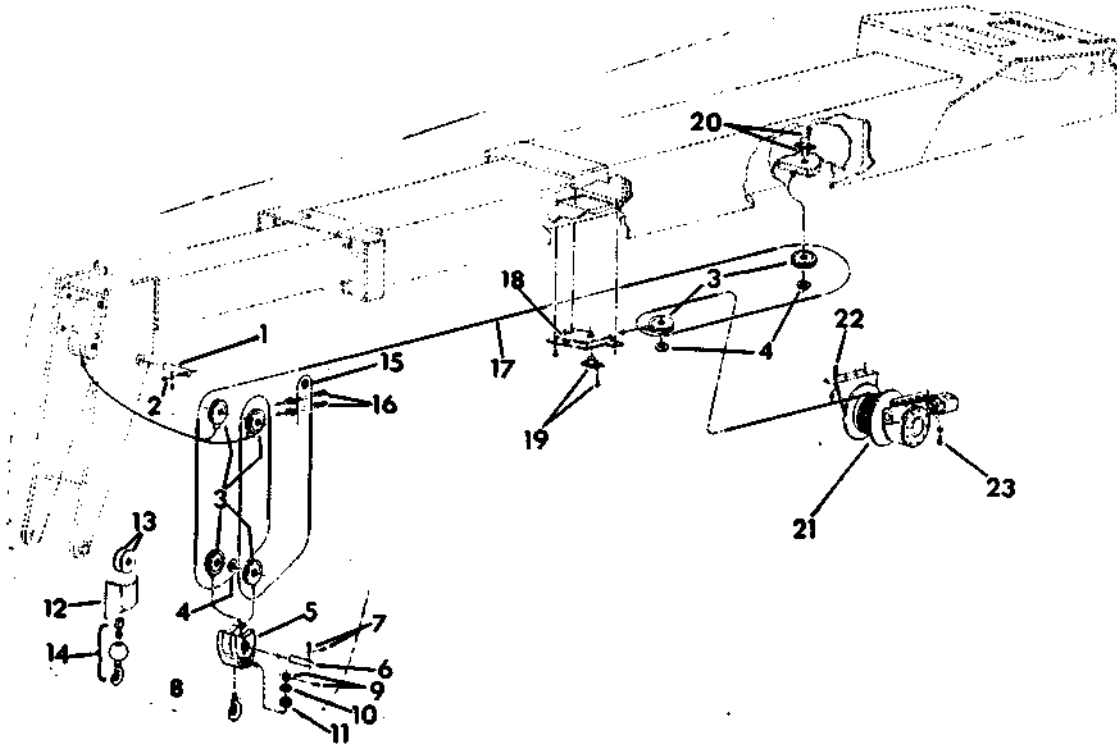
WINCH REAVING

ALL 3SS BOOMS

For replacement parts information contact
LOED Corporation - Parts Department

WINCH REAVING

ALL 3SL BOOMS

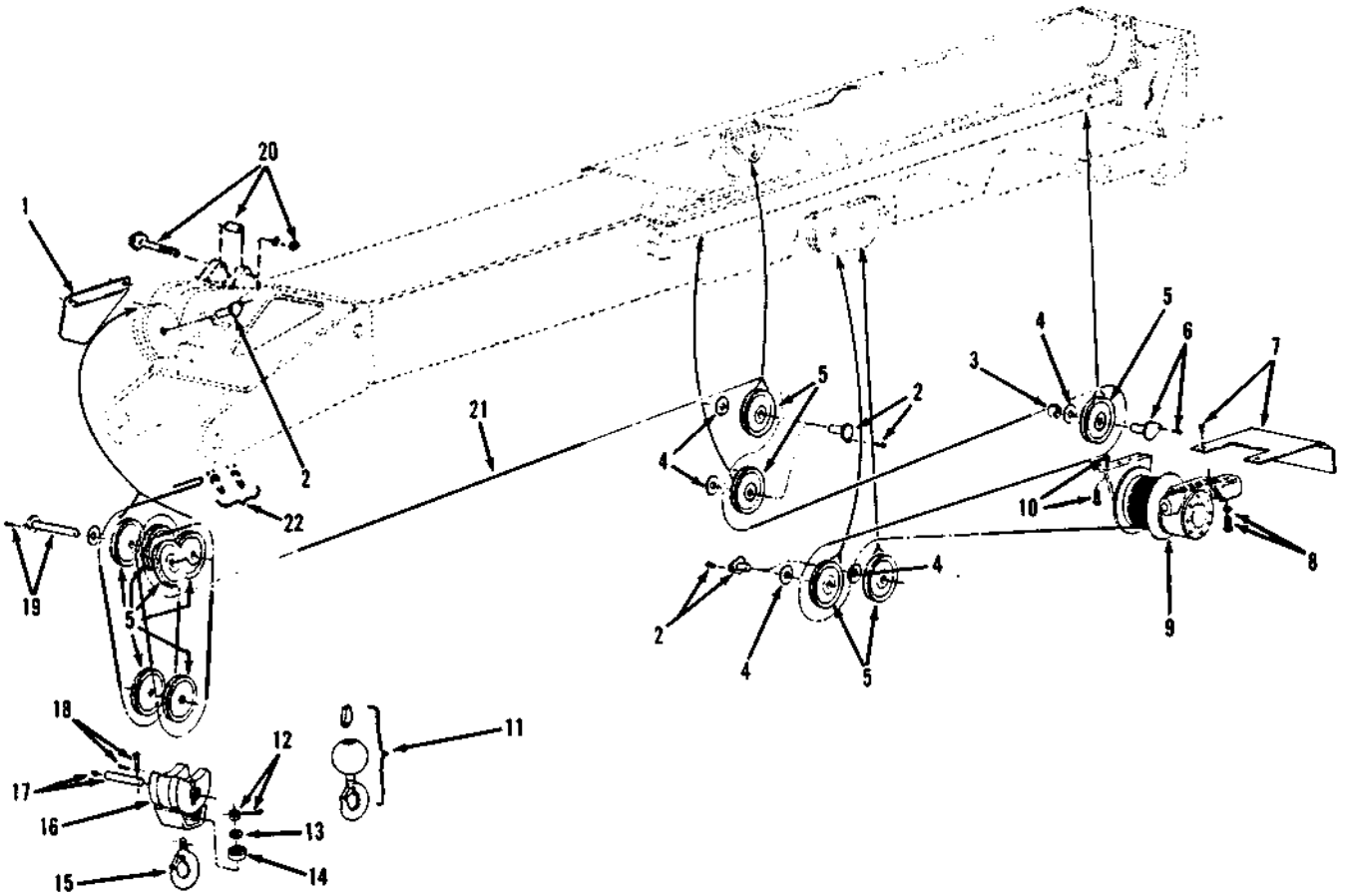


REF.	PART NO.	DESCRIPTION	REQ'D
1	400-784	PIN	1
2	021-638	PIN, clevis	1
3	400-301	SHEAVE (w/bushing)	AR
	401-660	• SHEAVE	AR
	200-272	• BUSHING	AR
4	200-253	WASHER, thrust	AR
5	601-139	BLOCK, winch	1
6	400-487	PIN, sheave block	1
7	021-632	PIN, clevis	1
	021-437	PIN, cotter	1
8	201-877	HOOK	1
9	021-221	NUT, castle	1
	026-181	PIN, cotter	1
10	204-060	WASHER, thrust	1
11	200-262	BEARING, thrust	1
12	400-780	POCKET, hook	1
13	400-781	SPACER (for single part line)	1
	400-782	SPACER (for single part line)	1
14	201-443	HOOK w/ball	1
15	026-177	THIMBLE, wire rope	1
16	029-999	CLAMP, cable	2
17	200-492	ROPE, wire 7/16" x 180'	1
18	600-588	POCKET, sheave	1
19	400-458	PIN	1
	026-019	BOLT 3/8 nc x 3/4 - Gr. 5	2
20	400-457	PIN	1
	026-019	BOLT 3/8 nc x 3/4 - Gr. 5	2
21	---	WINCH (see page 4-5)	1
22	020-127	BOLT 5/8 nc x 2"	4
	021-101	NUT 5/8" nc	4
23	026-184	BOLT 5/8" nc x 1"	4
	027-472	WASHER 5/8"	4

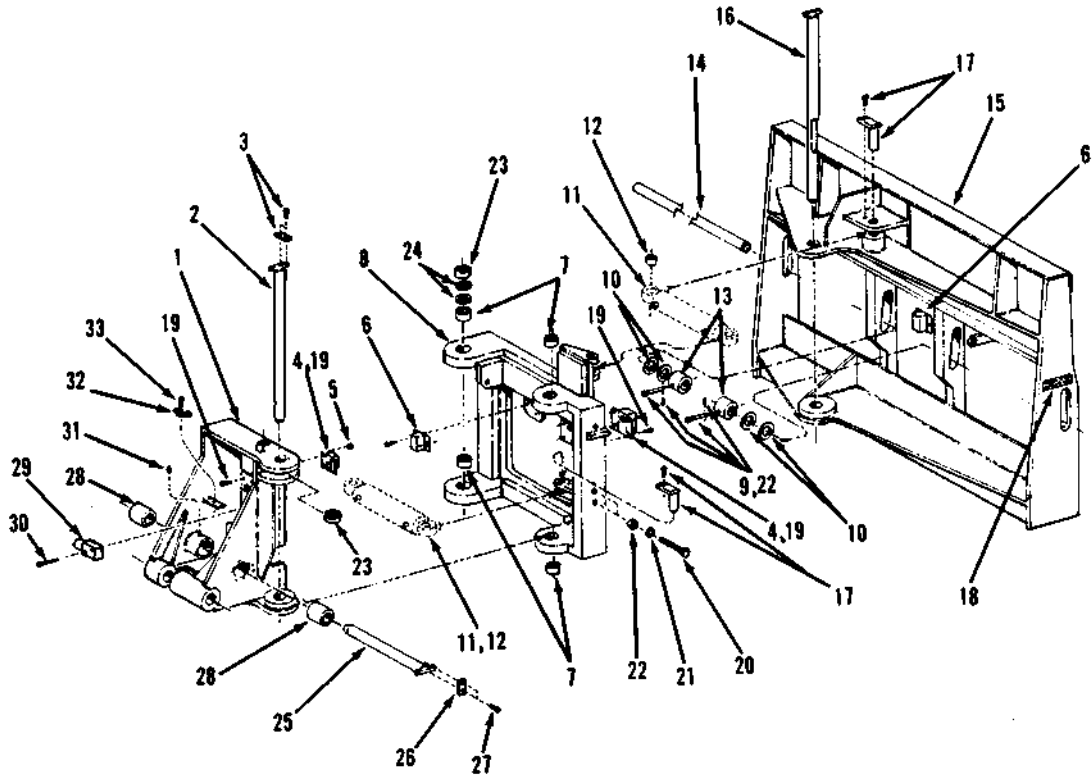
WINCH REAVING

ALL 3SS BOOMS

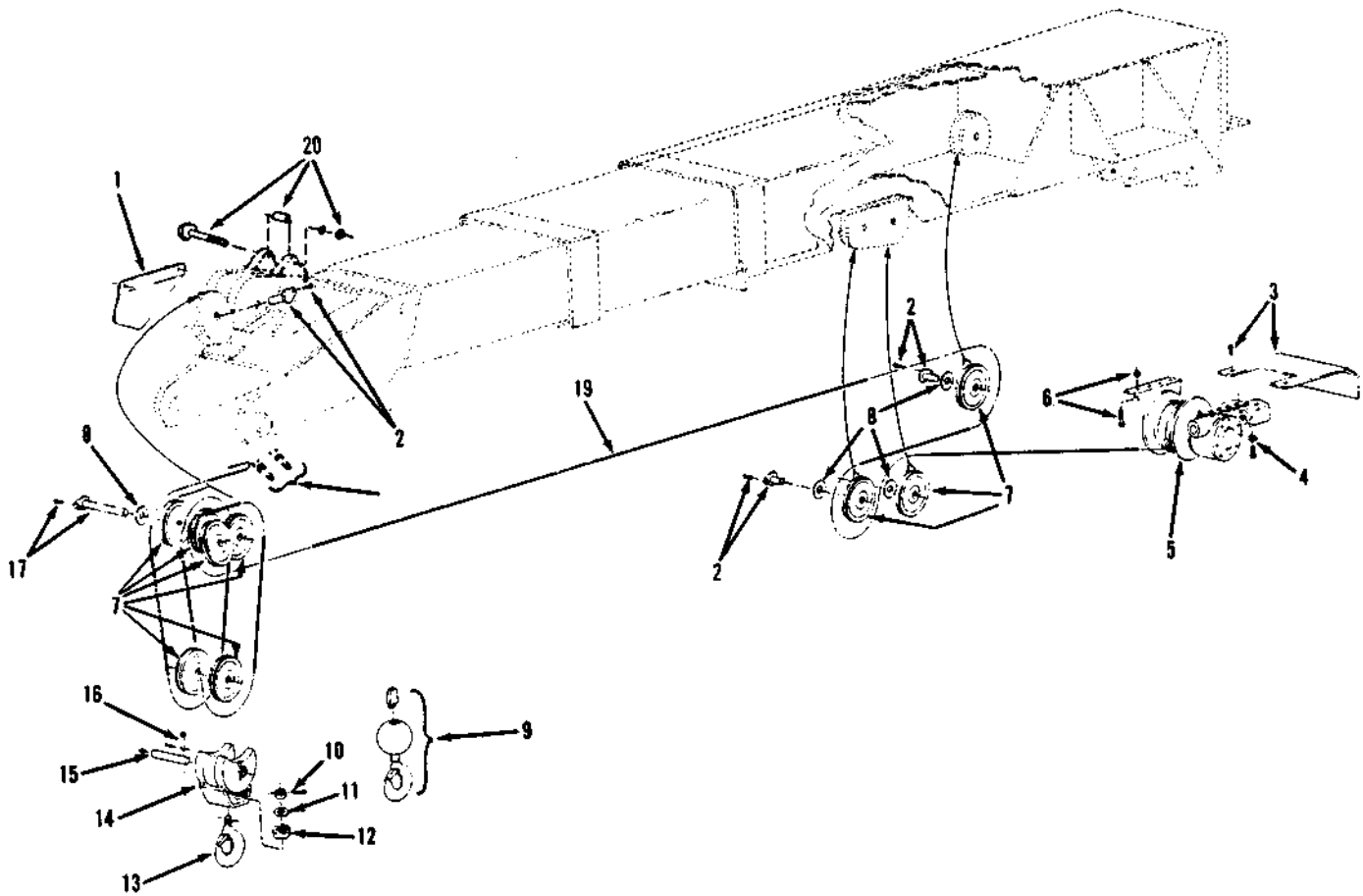
SEE PAGE 4-7 FOR
WINCH REAVING
INFORMATION



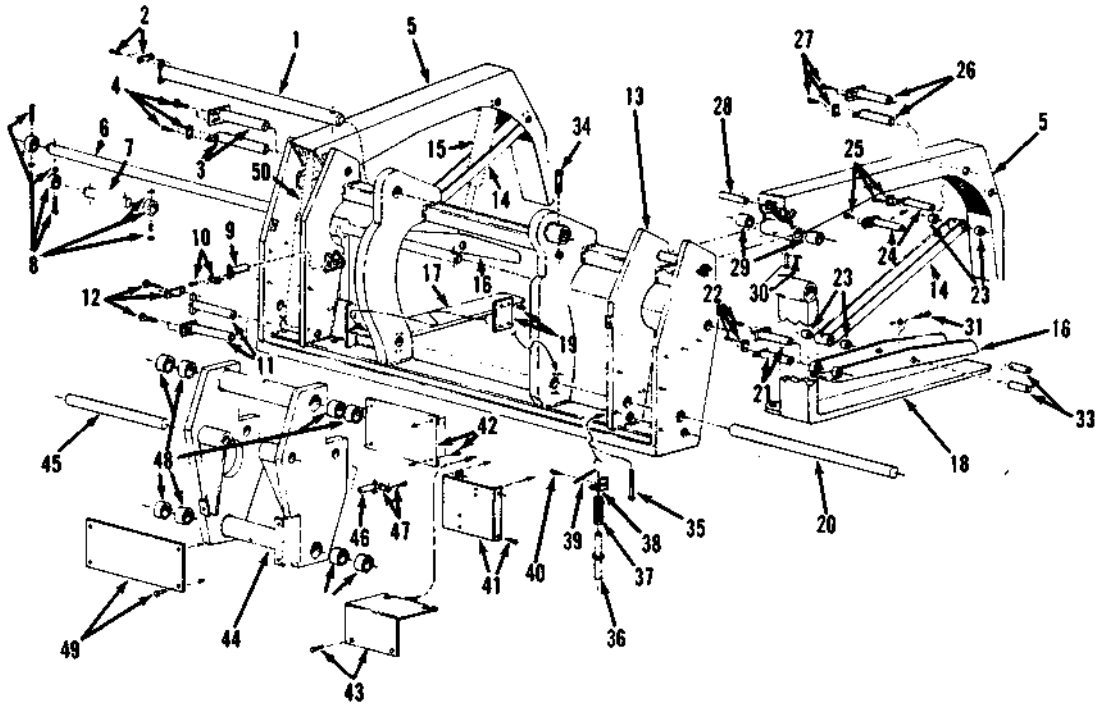
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9040-1586	1	SHEAVE GUIDE	12	8851-1020	1	HEX SLOTTED NUT, 1-1/4-7
	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5		8863-1350	1	COTTER PIN, 1/4X2-1/4
2	9040-0993	6	PIN	13	9020-4060	1	SPECIAL WASHER
	8820-1063	6	HEX HD CAPSCREW, 1/2-13X3/4 GR 5	14	9020-0262	1	THRUST BEARING
3	9020-1885	1	SPACER	15	9020-1877	1	HOOK
4	9020-0253	AR	WASHER		9100-3059	1	SAFETY LATCH
5	9040-0301	AR	SHEAVE (with bushing)	16	9060-1139	1	WINCH BLOCK (4 part line)
	9040-1660	AR	SHEAVE	17	9040-0487	1	PIN
	9020-0272	AR	BUSHING	18	8867-1001	1	LUBE FITTING - STRAIGHT, 1/8
6	9040-1631	1	PIN	19	9002-1632	1	CLEVIS PIN
	8820-1063	1	HEX HD CAPSCREW, 1/2-13X3/4 GR 5		8863-1303	1	COTTER PIN, 1/16X1
7	9040-1771	1	MOTOR GUARD (all 552's)	19	9040-1097	1	PIN
	9040-1644	1	MOTOR GUARD (all 554's)		8820-1063	1	HEX HD CAPSCREW, 1/2-13X3/4 GR 5
	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5	*20	8320-1100	1	HEX HD CAPSCREW, 1/2-13X3/4
8	8820-1093	4	HEX HD CAPSCREW, 5/8-11X1, GR 5		9020-4049	1	SPACER
	9002-7472	4	HARD WASHER, 5/8		8540-1340	1	HARD WASHER
9		1	WINCH (see page 4-5)		8850-1016	1	HEAVY HEX NUT, 1-8
10	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2 GR 5	21	9101-3054	1	CABLE (swaged ends)
	8850-1010	4	HEX NUT, 5/8-11	22	9002-9999	2	CABLE CLAMP
11	9020-1443	1	HOOK (with ball)		9002-6178	1	THIMBLE
	9100-3059	1	SAFETY LATCH				



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0578	1	TILT FRAME	17	9040-2542	4	ROD END PIN
2	9040-1513	1	PIN (tilt frame to intermediate frame)		9040-1681	4	BASE END PIN
3	9020-1436	2	PIN RETAINER		8820-1063	4	HEX HD CAPSCREW, 1/2-13X3/4 Gr 5
4	8820-1069	4	HEX HD CAPSCREW, 1/2-13X2, Gr 5	18	9040-0974	2	CAPACITY DECAL (10K maximum)
5	9020-1602	2	PROXIMITY SWITCH	19	9040-1545	2	PROXIMITY SWITCH MOUNTING BRACKET
6	8850-1004	18	HEX NUT, 1/4-20		8820-1006	16	HEX HD CAPSCREW, 1/4-20X1-1/4 Gr 5
7	9020-1603	2	MAGNET	20	8820-1141	2	HEX HD CAPSCREW, 1-8X4, Gr 5
8	9020-0825	4	PIN BUSHING	21	8855-1018	2	LOCKWASHER, 1"
9	9080-0572	1	INTERMEDIATE FRAME	22	8850-1016	2	HEX NUT, 1-8
10	9002-1616	2	CLEVIS PIN	23	9020-1591	2	THRUST BEARING
11	8863-1320	2	COTTER PIN, 1/8X1-1/2	24	9020-0253	AR	THRUST WASHER
12	9020-0444	4	SPACER	25	9002-7486	1	HEAD TO CARRIAGE PIN
13		2	CYLINDER (for breakdown see swing cylinder page)	26	9020-0977	1	PIN RETAINER
14	9040-0910	4	SPHERICAL BUSHING	27	8820-1099	2	HEX HD CAPSCREW, 5/8-11X2-1/2 Gr 5
15	9020-0003	2	COLLAR	28	9002-2209	2	BUSHING
16	9040-0776	1	FORK PIN	29	9020-1601	2	SOLENOID VALVE
17	9080-0564	1	72" CARRIAGE		9041-0023	1	SOLENOID
18	9040-1512	1	PIN (intermediate frame to carriage)	30	9002-0097	2	HEX HD CAPSCREW, 1/4-20X4, Gr 5
				31	8867-1001	2	LUBE FITTING - STRAIGHT, 1/8
				32	9020-0483	4	CLAMP
				33	8820-1037	4	HEX HD CAPSCREW, 3/8-16X1-1/2 Gr 5



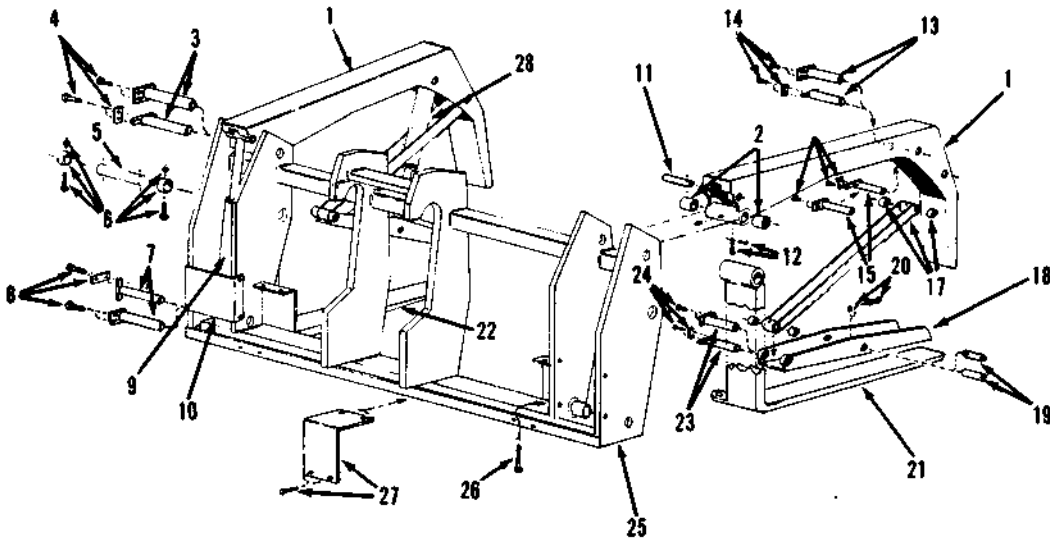
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9040-1586	1	SHEAVE GUIDE	11	9020-4060	1	SPECIAL WASHER
	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5	12	9020-0262	1	THRUST BEARING
2	9040-0993	4	PIN	13	9020-1877	1	HOOK
	8820-1063	4	HEX HD CAPSCREW, 1/2-13X3/4, GR 5	14	9100-3059	1	SAFETY LATCH
3	9040-1771	1	MOTOR GUARD (all 552's)	15	9060-1139	1	WINCH BLOCK (4 part line)
	9040-1644	1	MOTOR GUARD (all 554's)	16	9040-0487	1	PIN
4	8820-1093	4	HEX HD CAPSCREW, 5/8-11X1, GR 5		8867-1001	1	LUBE FITTING - STRAIGHT, 1/8
	9002-7472	4	HARD WASHER, 3/8	17	9002-1632	1	CLEVIS PIN
5		1	WINCH (see page 4-5)		8863-1303	1	COTTER PIN, 1/16X1
6	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2 GR 5	18	9040-1097	1	PIN
	8850-1010	4	HEX NUT, 5/8-11		8820-1063	1	HEX HD CAPSCREW, 1/2-13X3/4, GR 5
7	9040-0301	AR	SHEAVE (with bushing)		9002-9999	2	CABLE CLAMP
8	9020-0253	AR	THRUST WASHER		9002-6178	1	THIMBLE
9	9020-1443	1	HOOK (with ball)	19	9101-3054	1	CABLE (swaged ends)
	9100-3059	1	SAFETY LATCH	20	8320-1140	1	HEX HD CAPSCREW, 1/8-X
10	8851-1020	1	HEX SLOTTED NUT, 1-1/4-7		9020-4049	1	SPACER
	8863-1350	1	COTTER PIN, 1/4X2-1/4		8540-1340	1	HARD WASHER
					8850-1016	1	HEX NUT, 1-8



Item	Part No.	Qty.	Description Of Part
1	9020-0148	1	PIN
2	9020-0977	1	RETAINING BAR
	8820-1097	2	HEX HD CAPSCREW, 5/8-11X2, Gr 5
3	9040-3267	2	ARM HINGE PIN (see note)
	9002-7637	2	ARM HINGE PIN (see note)
4	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2, Gr 5 (use with 9040-3267 pin)
	9020-2064	2	RETAINING BAR (use with 9002-7637 pin)
	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5
5	9080-1212	2	GRAPPLE ARM
6	9040-1191	1	FORK PIN (see note)
7	9040-1986	2	FORK PIN (see note)
8	9020-0752	AR	FORK PIN COLLAR
9	9040-2156	1	SIDE SHIFT PIN
10	9020-0977	1	RETAINING BAR
	8820-1097	2	HEX HD CAPSCREW, 5/8-11X2, Gr 5
11	9002-7652	2	ARM CYLINDER BASE PIN (see note)
	9040-3269	2	ARM CYLINDER BASE PIN (see note)
12	9020-0977	1	RETAINING BAR (use with 9002-7652 pin)
	8820-1097	4	HEX HD CAPSCREW, 5/8-11X2, Gr 5
	8820-1067	4	HEX HD CAPSCREW, 1/2-13X1-1/2 Gr 5 (use with 9040-3269)
13	9080-0709	1	SIDE SHIFT PPG FRAME
14	9040-1550	2	RADIUS ARM
15	9080-2004	2	CLAMP CYLINDER (for breakdown see pg 10-17)
16	9060-1207	2	FACE CLAMP
17	9060-1394	1	LEFT SIDE FORK
18	9060-1395	1	RIGHT SIDE FORK
19	9040-1166	2	PIN COVER PLATE
	8820-1067	8	HEX HD CAPSCREW, 1/2-13X1-1/2 Gr 5
20	9040-1546	1	PIN
21	9040-3294	2	FACE CLAMP BASE PIN (see note)
	9040-2163	2	FACE CLAMP BASE PIN (see note)

Item	Part No.	Qty.	Description Of Part
22	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, Gr 5
	9020-2064	2	RETAINING BAR (use with 9040-2163 pin)
	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5
23	9002-7526	8	RADIUS ARM BUSHING
	8867-1001	AR	LUBE FITTING - STRAIGHT, 1/8
24	9040-2163	2	RADIUS ARM PIN (see note)
	9040-3270	2	RADIUS ARM PIN (see note)
25	9020-2064	2	RETAINING BAR (use with 9040-2163 pin)
	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5
	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, Gr 5 (use with 9040-3270 pin)
26	9040-3270	2	CLAMP CYLINDER BASE PIN (see note)
	9040-2162	2	CLAMP CYLINDER BASE PIN (see note)
27	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, Gr 5
	9020-2064	2	RETAINING BAR (use with 9040-2162 pin)
28	9002-1999	2	ARM CYLINDER ROD PIN
29	9002-2153	4	ARM HINGE PIN BUSHING
30	9002-1622	2	CLEVIS PIN (use with item 28)
	8863-1320	2	COTTER PIN, 1/8X1-1/2
31	8820-1043	2	HEX HD CAPSCREW, 3/8-16X3, Gr 5 (use with 9040-3264 pin)
	9002-1049	2	SET SCREW (use with 9040-1192 pin)
32	9040-3264	2	CLAMP CYLINDER ROD PIN (see note)
	9040-1192	2	CLAMP CYLINDER ROD PIN (see note)
34	8820-1143	1	HEX HD CAPSCREW, 1-8X5, Gr 5
	8850-1016	1	HEX NUT, 1-8
35	9002-7957	2	HEX HD CAPSCREW, 1-1/4NCX7-1/2 Gr 5
	8850-1020	2	HEX NUT, 1-1/4-7
36	9040-1691	1	PIN
37	9040-0523	1	SPRING
38	9040-1693	1	BRACKET
39	9020-4077	1	BAR
40	8820-1039	2	HEX HD CAPSCREW, 3/8-16X2, Gr 5
41	9040-1699	2	GUARD PLATE
	8820-1095	AR	HEX HD CAPSCREW, 5/8-11X1-1/2 Gr 5
42	9040-1837	1	PLATE
	9002-7288	4	BOLT
43	9040-2789	2	ANGLE GUARD PLATE
	8820-1095	2	HEX HD CAPSCREW, 5/8-11X1-1/2 Gr 5
	8856-1113	2	FLAT WASHER, 5/8
44	9080-0636	1	TILT FRAME
45	9002-2017	1	FRAME TO BOOM PIN
46	9040-2156	1	PIN
47	9020-0977	1	RETAINING BAR
	9002-0255	2	SPECIAL BOLT, 3/8NCX1-1/4
48	9020-1930	8	BUSHING
49	9040-3263	1	GUARD PLATE
	8820-1020	4	HEX HD CAPSCREW, 5/16-18X1, Gr 5
50	9080-0021	2	ARM CYLINDER (for breakdown see page 10-16)

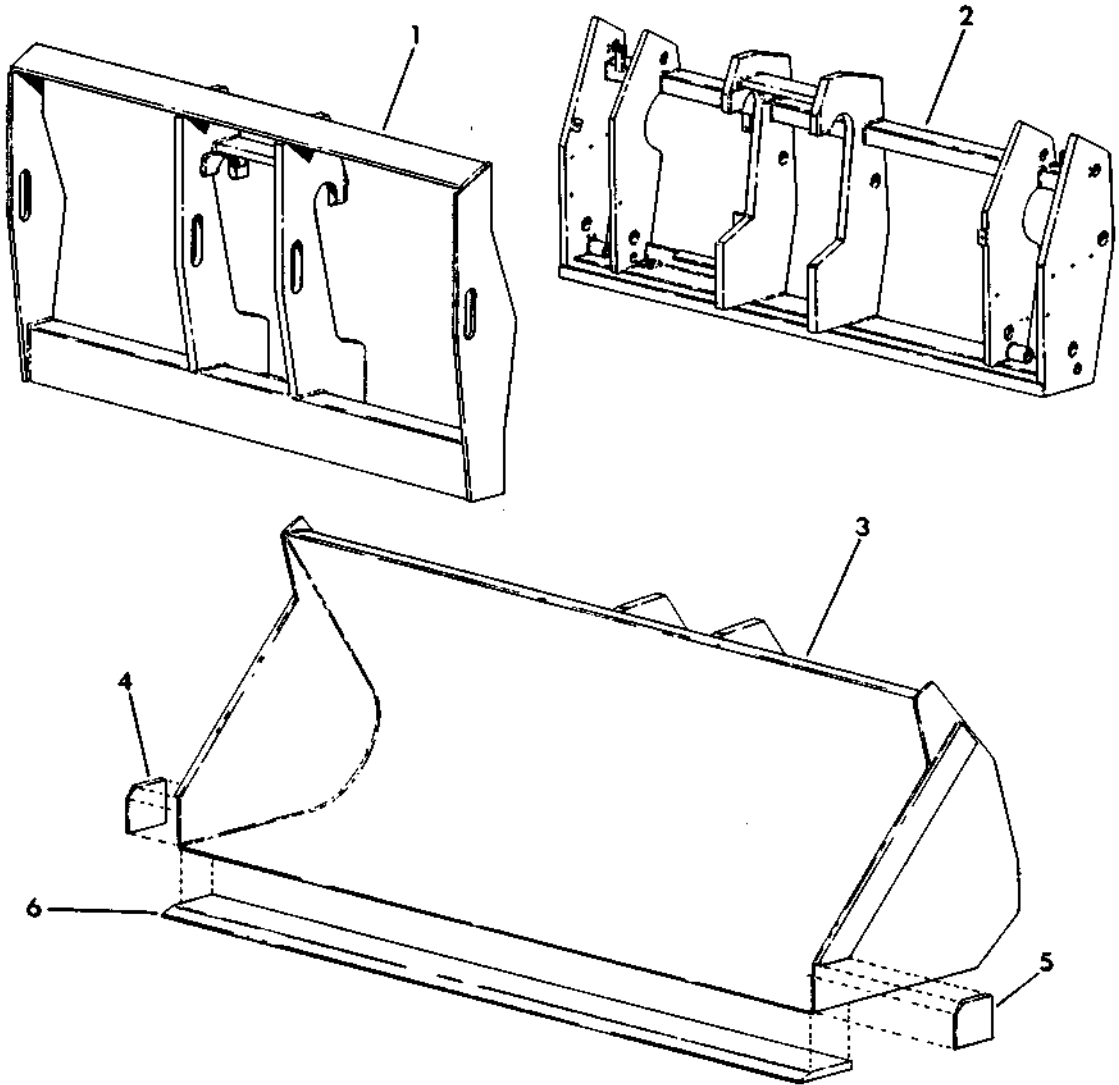
*Note pin style on your unit before ordering replacement pins and retainers.



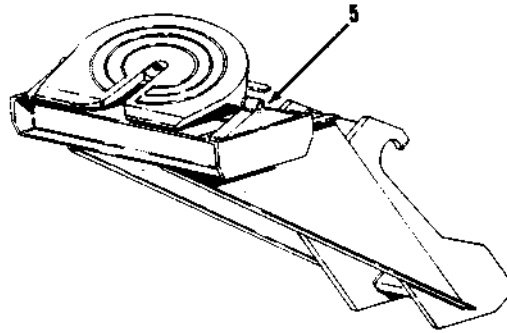
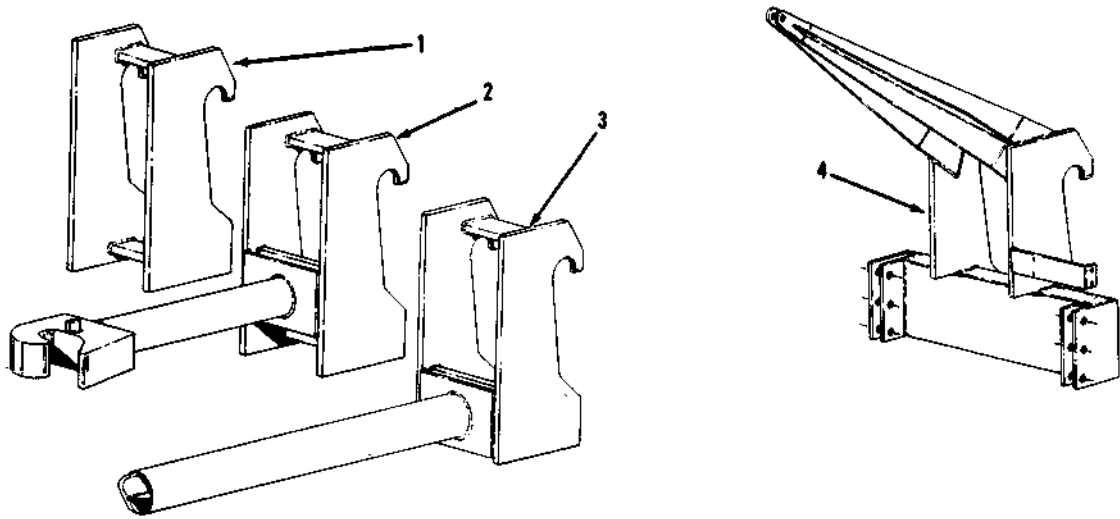
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0765	2	GRAPPLE ARM	16	9020-2064	2	RETAINING BAR (use with 9040-2163 pin)
2	9002-2153	4	ARM TO FRAME BUSHING		8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5
3	9040-3267	2	ARM HINGE PIN (see note)		8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, Gr 5 (use with 9040-3270 pin)
	9002-7637	2	ARM HINGE PIN (see note)	17	9040-1550	2	RADIUS ARM
4	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2 Gr 5		9002-7526	8	RADIUS ARM BUSHING
	9020-2064	2	RETAINING BAR (use with 9002-7637 pin)	18	9060-1207	2	FACE CLAMP
	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5	19	9040-3264	2	CLAMP CYLINDER ROD PIN (see note)
5	9040-1986	2	FORK PIN		9040-1192	2	CLAMP CYLINDER ROD PIN (see note)
6	9020-0752	4	FORK PIN COLLAR	20	9002-1049	2	SET SCREW (use with 9040-1192 pin)
	9002-1634	4	CLEVIS PIN		8820-1043	2	HEX HD CAPSCREW, 3/8-16X3, Gr 5
	8863-1320	4	COTTER PIN, 1/8X1-1/2	21	9060-1395	1	RIGHT SIDE FORK
7	9002-7652	2	ARM CYLINDER BASE PIN (see note)	22	9060-1394	1	LEFT SIDE FORK
	9040-3269	2	ARM CYLINDER BASE PIN (see note)	23	9040-3294	2	FACE CLAMP BASE PIN (see note)
8	9020-0977	2	RETAINING BAR (use with 9002-7652 pin)		9040-2163	2	FACE CLAMP BASE PIN (see note)
	8820-1097	4	HEX HD CAPSCREW, 5/8-11X2, Gr 5	24	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, Gr 5 (use with 9040-3294 pin)
	8820-1067	4	HEX HD CAPSCREW, 1/2-13X1-1/2 Gr 5		9020-2064	2	RETAINING BAR (use with 9040-2163 pin)
9	9080-0021	2	ARM CYLINDER (see page 10-16)		8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5
10	9040-1699	2	ARM CYLINDER GUARD	25	9080-0919	1	QS PPG FRAME
	8820-1095	8	HEX HD CAPSCREW, 5/8-11X1-1/2 Gr 5	26	9002-7957	2	HEX HD CAPSCREW, 1-1/4 NC X 7-1/2 Gr 5
11	9002-1999	2	ARM CYLINDER ROD PIN		8850-1020	2	HEX NUT, 1-1/4-7
12	9002-1622	2	CLEVIS PIN	27	9040-2789	2	ANGLE GUARD PLATE
	8863-1320	2	COTTER PIN, 1/8X1-1/2		8820-1095	2	HEX HD CAPSCREW, 5/8-11X1-1/2 Gr 5
13	9040-3270	2	CLAMP CYLINDER BASE PIN (see note)		9002-7472	2	WASHER, 5/8
	9040-2162	2	CLAMP CYLINDER BASE PIN (see note)	28	9080-2004	2	CLAMP CYLINDER (see pg 10-17)
14	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, Gr 5 (use with 9040-3270 pin)				*Note pin style on your unit before ordering replacement pins and retainers.
	9020-2064	2	RETAINING BAR (use with 9040-2162 pin)				
	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5				
15	9040-2163	2	RADIUS ARM PIN (see note)				
	9040-3270	2	RADIUS ARM PIN (see note)				

ATTACHMENTS

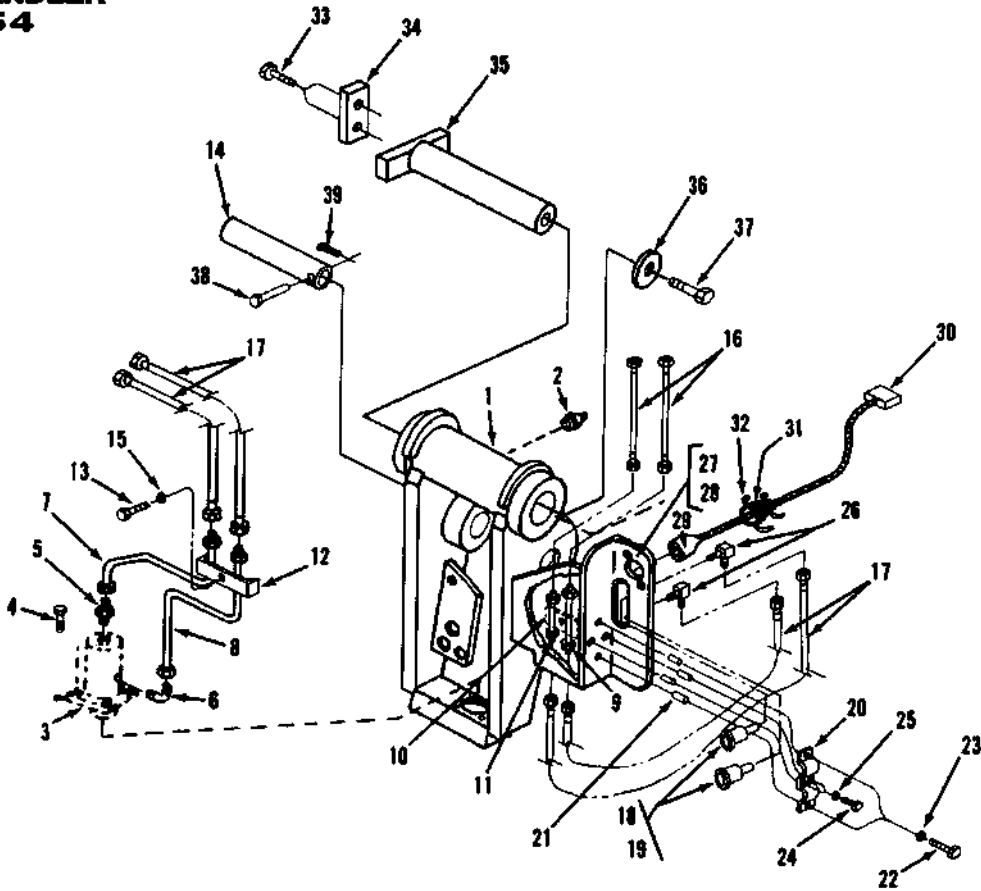
QUICKSWITCH FOR ALL UNITS WITH 2S AND 3S BOOMS



REF.	PART NO.	DESCRIPTION	REQ'D
1	800-825	FRAME, fork (with attachment adapter) for 60" carriage	1
	800-824	FRAME, fork (with attachment adapter) for 80" carriage	1
2	800-919	FRAME, pipe and pole grapple (with attachment adapter)	1
3	800-915	BUCKET, 2 1/2 yard (with attachment adapter)	1
4	401-926	• EDGE, cutting (bucket right side)	1
5	401-927	• EDGE, cutting (bucket left side)	1
6	401-925	• EDGE, cutting	1

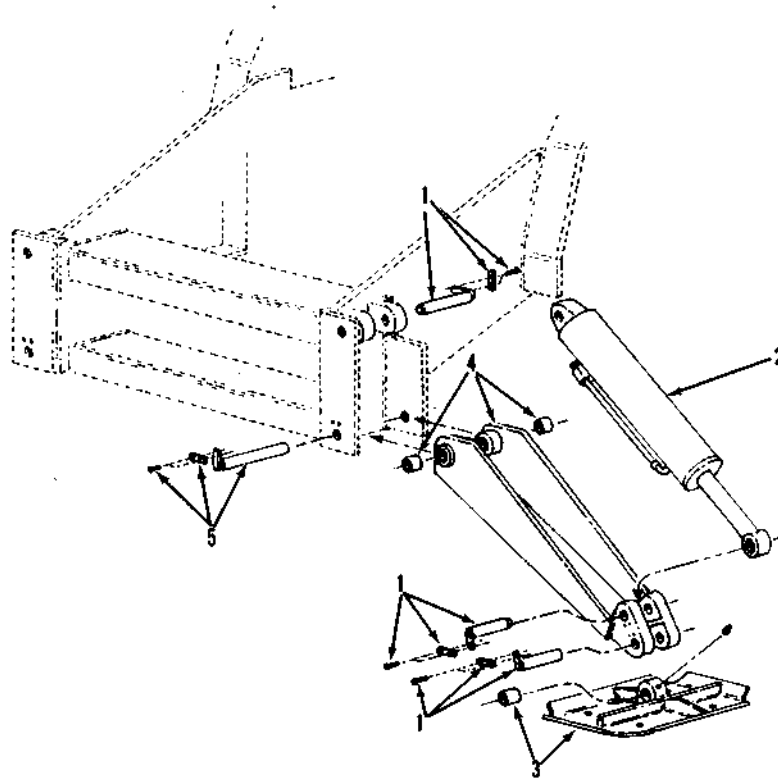


Item	Part No.	Qty.	Description Of Part
1	9015-5015	1	ATTACHMENT ADAPTER
2	9080-0875	1	COUPLER ATTACHMENT
3	9015-5014	1	STINGER ATTACHMENT (15000 lb.)
	9025-5044	1	STINGER ATTACHMENT
	9025-5039	1	STINGER ATTACHMENT (2-1/2" D)
	9025-5002	1	STINGER ATTACHMENT (3" D)
4	9080-0946	1	QUICK SWITCH HITCH ATTACHMENT
5	9080-0928	1	FIFTH WHEEL ATTACHMENT

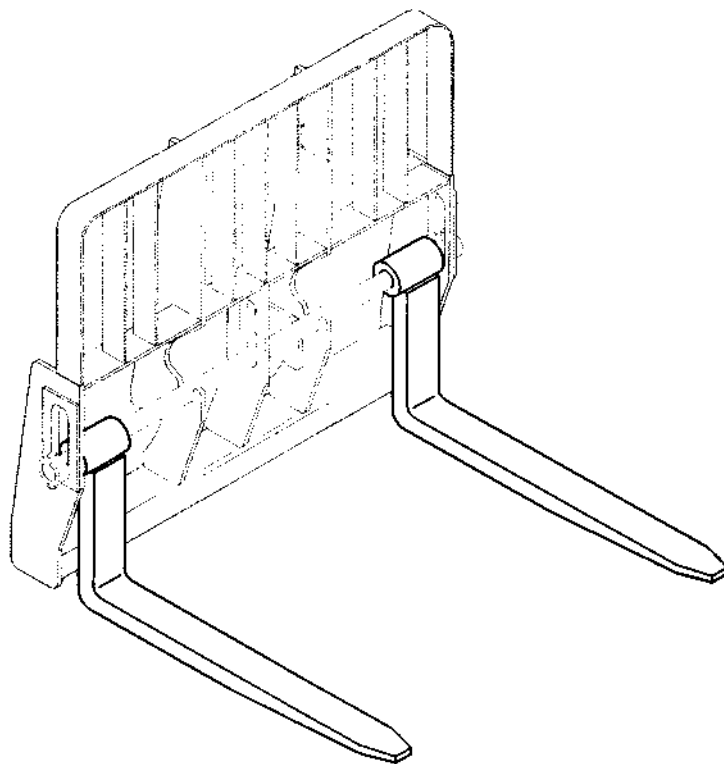


Item	Part No.	Qty.	Description Of Part
	9101-5008	Ref	QUICK SWITCH ASSY - 552 (w/o auxiliary hydraulics)(includes items 1 thru 8, 11, 12, 15, 16)
	9102-5008	Ref	QUICK SWITCH ASSY - 554 (w/o auxiliary hydraulics)(includes items 1 thru 8, 11, 12, 15, 16)
	9101-5036	Ref	QUICK SWITCH ASSY - 552 (with auxiliary hydraulics)(includes items 1 thru 13, 15, 16, 23 thru 32)
	9102-5034	Ref	QUICK SWITCH ASSY - 552 (with auxiliary hydraulics)(includes items 1 thru 13, 15, 16, 23 thru 32)
1	9060-1441	1	COUPLER (554)
	9060-1442	1	COUPLER (552)
2	8867-1001	1	LUBE FITTING - STRAIGHT 1/8
3	9060-1440	1	CYLINDER
4	8820-1068	4	HEX HD CAPSCREW, 1/2-13 X 1 3/4, GR5
5	8866-2005	1	CONNECTOR (includes o-ring)
	8859-1204	1	O-RING
6	8866-2064	1	ELBOW - 90 DEGREES (includes o-ring)
	8859-1204	1	O-RING
7	9060-1548	1	TUBE ASSY
8	9060-1549	1	TUBE ASSY
9	9060-1547	1	TUBE ASSY
10	9060-1546	1	TUBE ASSY
11	9020-3174	1	SPACER BLOCK
12	9020-3172	1	CLAMP
13	8820-1042	1	HEX HD CAPSCREW, 3/8-16 X 2 3/4, GR5

Item	Part No.	Qty.	Description Of Part
14	9002-2019	1	PIN
15	8855-1011	1	LOCKWASHER, 3/8
16	9002-2042	2	HOSE ASSY
17	9002-2043	4	HOSE ASSY
18	9020-4245	2	FEMALE HYDRAULIC BODY
19	9020-3304	2	DUST CAP
20	9020-4711	1	HANGER BRACKET
21	9020-3173	4	SPACER TUBE
22	8820-1006	2	HEX HD CAPSCREW, 1/4-20 X 1 1/4, GR5
23	8855-1009	2	LOCKWASHER, 1/4
24	8820-1021	2	HEX HD CAPSCREW, 5/16-18 X 3/4, GR5
25	8855-1010	2	LOCKWASHER, 5/16
26	8874-3045	2	MALE ELBOW - 90 DEGREES, 1/2 X 5/8 TUBE
27	9020-4193	1	FEMALE ELECTRICAL COUPLING
28	8820-1018	2	HEX HD CAPSCREW, 5/16-18 X 1 1/4, GR5
29	9020-3249	1	BOOM HEAD HARNESS
30	9002-6840	1	MALE CONNECTOR
31	9100-3124	1	RUBBER BOOT
32	9002-7187	2	TY-RAP
33	8820-1070	2	HEX HD CAPSCREW, 1/2-13 X 2 1/4, GR5
34	9020-4037	1	RETAINING BAR
35	9040-1748	1	PIN
36	9020-4144	1	WASHER
37	9002-7928	1	HEX HD CAPSCREW, 1 1/4-7 X 1 3/4, GR5
38	9002-1646	1	CLEVIS PIN
39	8863-1320	1	COTTER PIN, 1/8 X 1 1/2



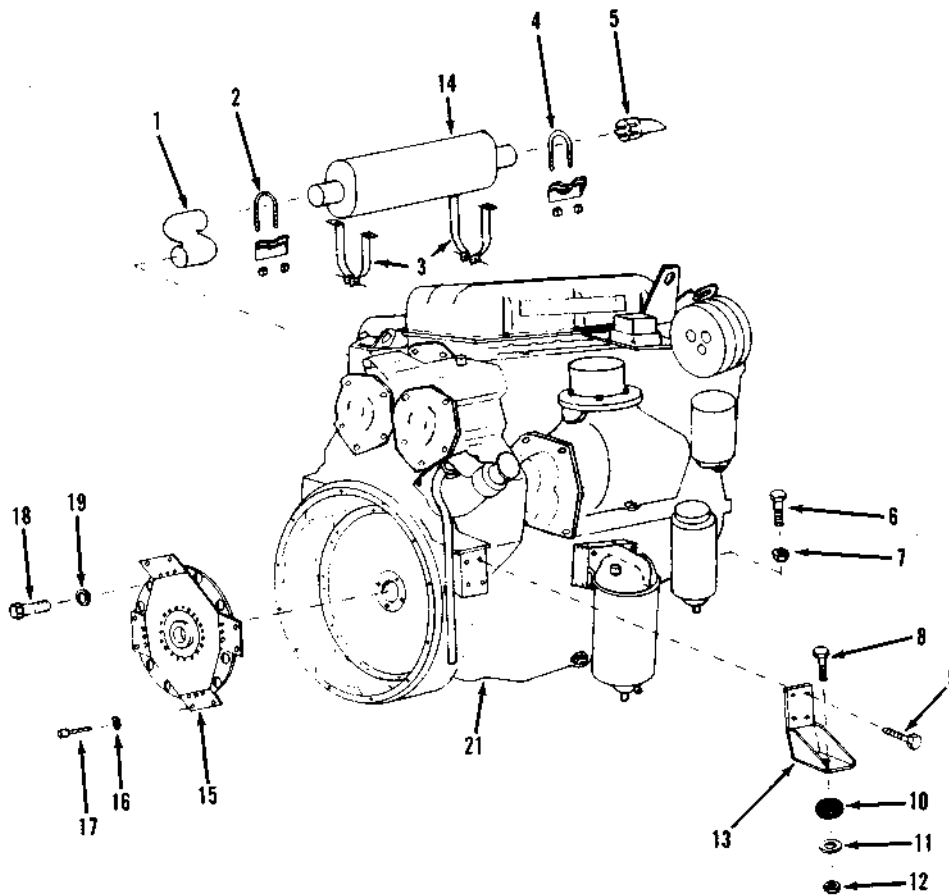
Item	Part No.	Qty.	Description Of Part
1	9002-7650	6	PIN
	9020-1436	6	RETAINER
	8820-1036	12	HEX HEAD CAPSCREW 3/8-16X1-1/4 (GRADE 5)
2	9080-0475	2	CYLINDER
3	9060-0704	2	LANDING SHOE
	9002-2202	4	BUSHING
4	9060-0705	2	ARM
	9002-2209	4	BUSHING
	9002-7635	2	PIN
5	9020-0977	2	RETAINER
	8820-1036	4	HEX HEAD CAPSCREW 3/8-16X1-1/4 (GRADE 5)



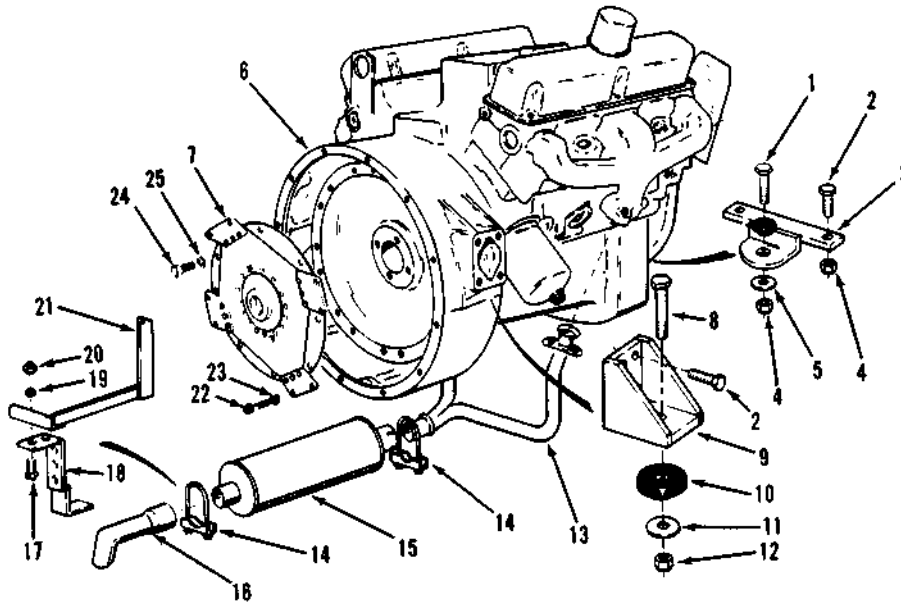
NOTE: FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASE CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.

NOTE: PLEASE CONSULT THE GRADALL PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9060-0390	2	48" CUBING FORK, 2X2, 3000 lbs., (B, C & D series)		9055-3018	2	72" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)
	9060-1819	2	48" PALLET FORK, 1-3/4X6, 9000 lbs., (B, C & D series)		9112-3132	2	72" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)
	9045-3002	2	48" PALLET FORK, 2X4, 8000 lbs., (B, C & D series)		9060-0832	2	48" PALLET FORK, 2-1/4X8, 16,000 lbs., (used on the 542, 552, & 554)
	9055-3005	2	48" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)		9060-1873	2	48" PALLET FORK, 2-1/4X7, 15,000 lbs., (used on the 542, 552, & 554)
	9055-3008	2	48" PALLET FORK, 1-3/4X4, 5000 lbs., (used on 6' swing mast only, P/N 9045-5047)		9060-0833	2	60" PALLET FORK, 2-1/4X8, 16,000 lbs., (used on the 542, 552 & 554)
	9060-1015	2	60" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)		9060-1219	2	60" PALLET FORK, 2-1/2X8, 16,000 lbs., (used on the 542, 552 & 554)
	9116-3269	2	60" PALLET FORK, 2X6, 11,300 lbs., (B, C & D series)		9060-1874	2	60" PALLET FORK, 2-1/4X7, 15,000 lbs., (used on the 542, 552 & 554)
	9045-3045	2	60" PALLET FORK, 2X6, 11,300 lbs., (used on 6' swing mast only, P/N 9045-5054)		H045-3002	2	96" PALLET FORK, 2X6, 7500 lbs. loaded center. (B, C & D series)
					9055-3018	2	72" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)

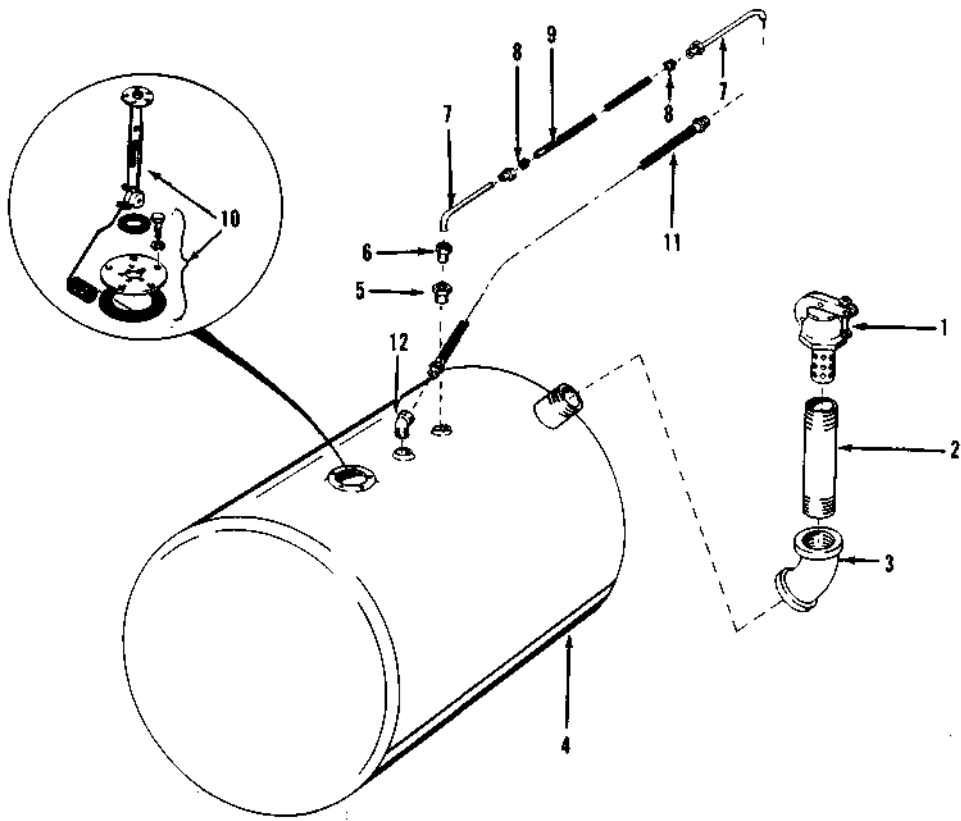


Item	Part No.	Qty.	Description Of Part
1	9060-0701	1	EXHAUST PIPE
2	9020-0813	1	MUFFLER CLAMP
3	9020-1494	4	MUFFLER STRAP
4	8667-1583	1	MUFFLER CLAMP
5	9020-3424	1	EXHAUST DEFLECTOR
6	8820-1067	2	HEX HD CAPSCREW 1/2 - 13 x 1 1/2 Gr 5
7	8850-1008	2	HEX NUT 1/2 - 13
8	8820-1118	2	HEX HD CAPSCREW 3/4 - 10 x 3 3/4 Gr 5
9	8820-1067	8	HEX HD CAPSCREW
10	9060-0097	2	ENGINE MOUNT
11	9020-0341	2	FLAT WASHER
12	8850-1012	2	HEX NUT 3/4 - 10
13			ENGINE MOUNTS (come with engine)
14	8697-1081	1	MUFFLER
15	9080-0801	1	DRIVE PLATE
16	9020-1103	8	WASHER
17	9020-1104	8	SOCKET HD BOLT
18	8820-1033	8	HEX HD CAPSCREW 3/8 - 16 x 3/4 Gr 5
19	8855-1011	8	LOCKWASHER 3/8
20	9060-1772	1	ENGINE (See separate engine manual for parts information)
21	9060-1089	1	VACUM PUMP KIT (not shown)

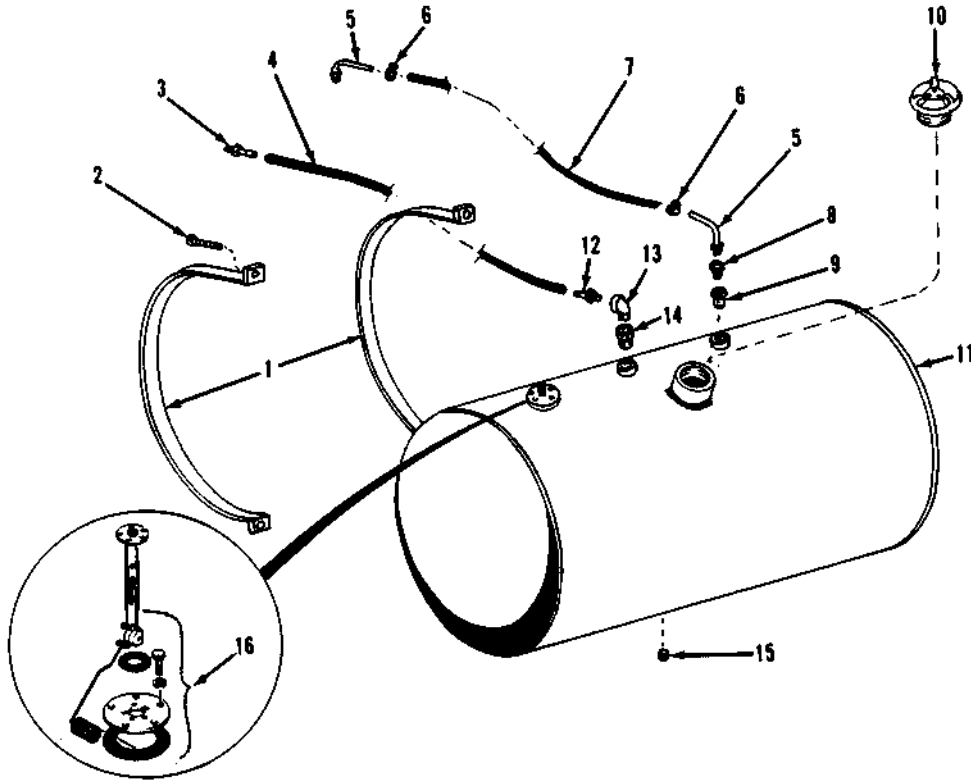


Item	Part No.	Qty.	Description Of Part
1	8820-1071	1	HEX HD CAPSCREW, 1/2-13x2 1/2 Gr 5
2	8820-1067	10	HEX HD CAPSCREW, 1/2-13x1 1/2 Gr 5
3	9040-0309	1	ENGINE MOUNT
4	8850-1008	3	HEX NUT, 1/2-13
5	8856-1006	1	FLAT WASHER, 1/2
6		1	ENGINE (see separate engine manual for parts information)
7	9080-0250	1	DRIVE PLATE
8	8820-1076	2	HEX HD CAPSCREW, 1/2-13x3 3/4 Gr 5
9	9020-0129	2	ENGINE MOUNT
10	9060-0097	2	ENGINE MOUNTING
11	9020-0341	2	FLAT WASHER
12	8850-1012	2	HEX NUT, 3/4-10
13	9080-0242	1	CROSSOVER PIPE
14	9020-0395	2	MUFFLER CLAMP
15	9060-0098	1	MUFFLER
16	8348-3405	1	EXHAUST DEFLECTOR
17	8820-1035	1	HEX HD CAPSCREW, 3/8-16x1 Gr 5
18	9020-0522	1	BRACKET
19	8855-1011	1	LOCKWASHER, 3/8"
20	8850-1006	1	HEX NUT, 3/8-16
21	9040-0421	1	BRACKET
22	8820-1033	8	HEX HD CAPSCREW, 3/8-16x3/4 Gr 5
23	8855-1011	8	LOCKWASHER, 3/8
24	9020-1104	8	BOLT
25	9020-1103	8	WASHER

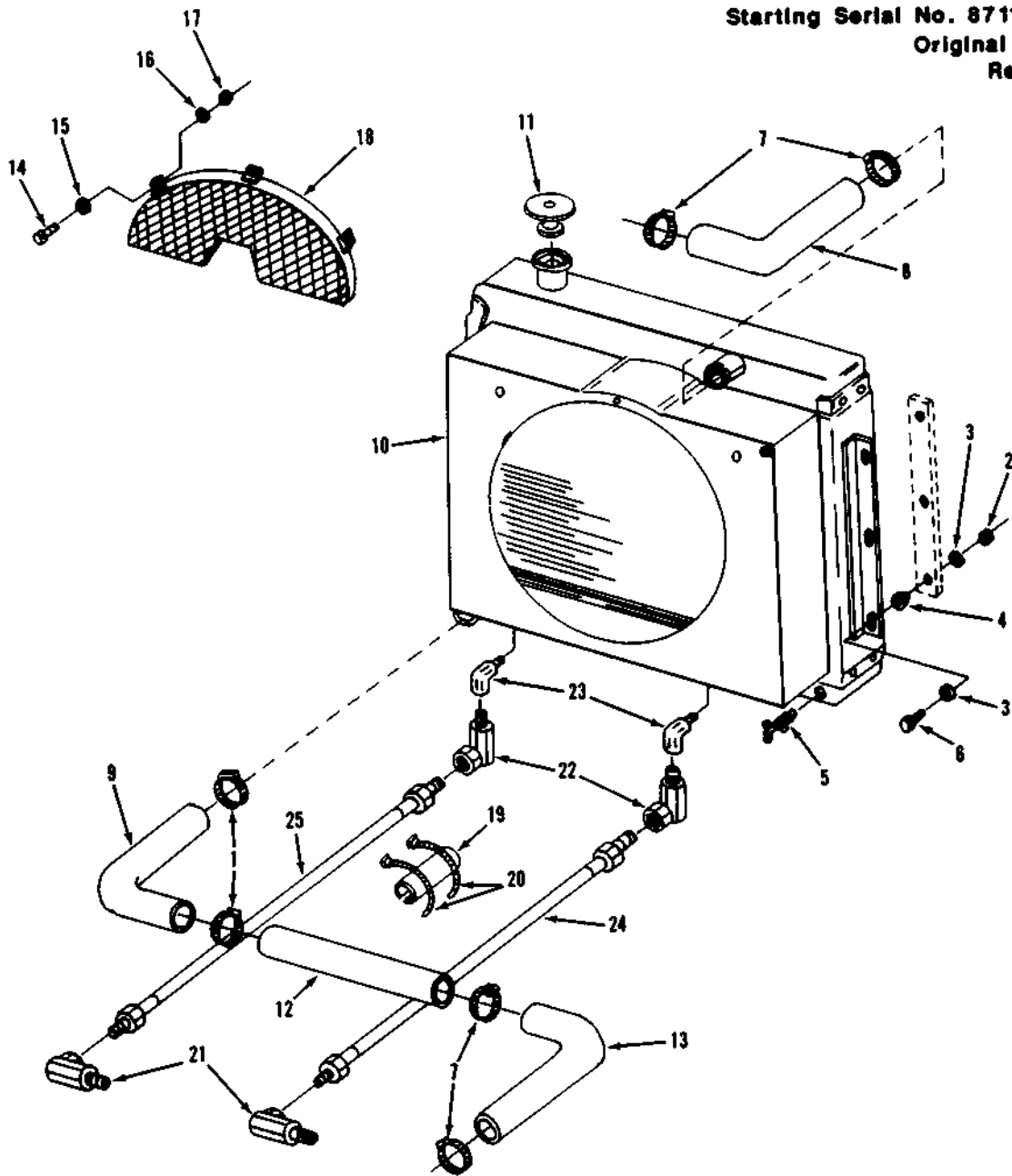
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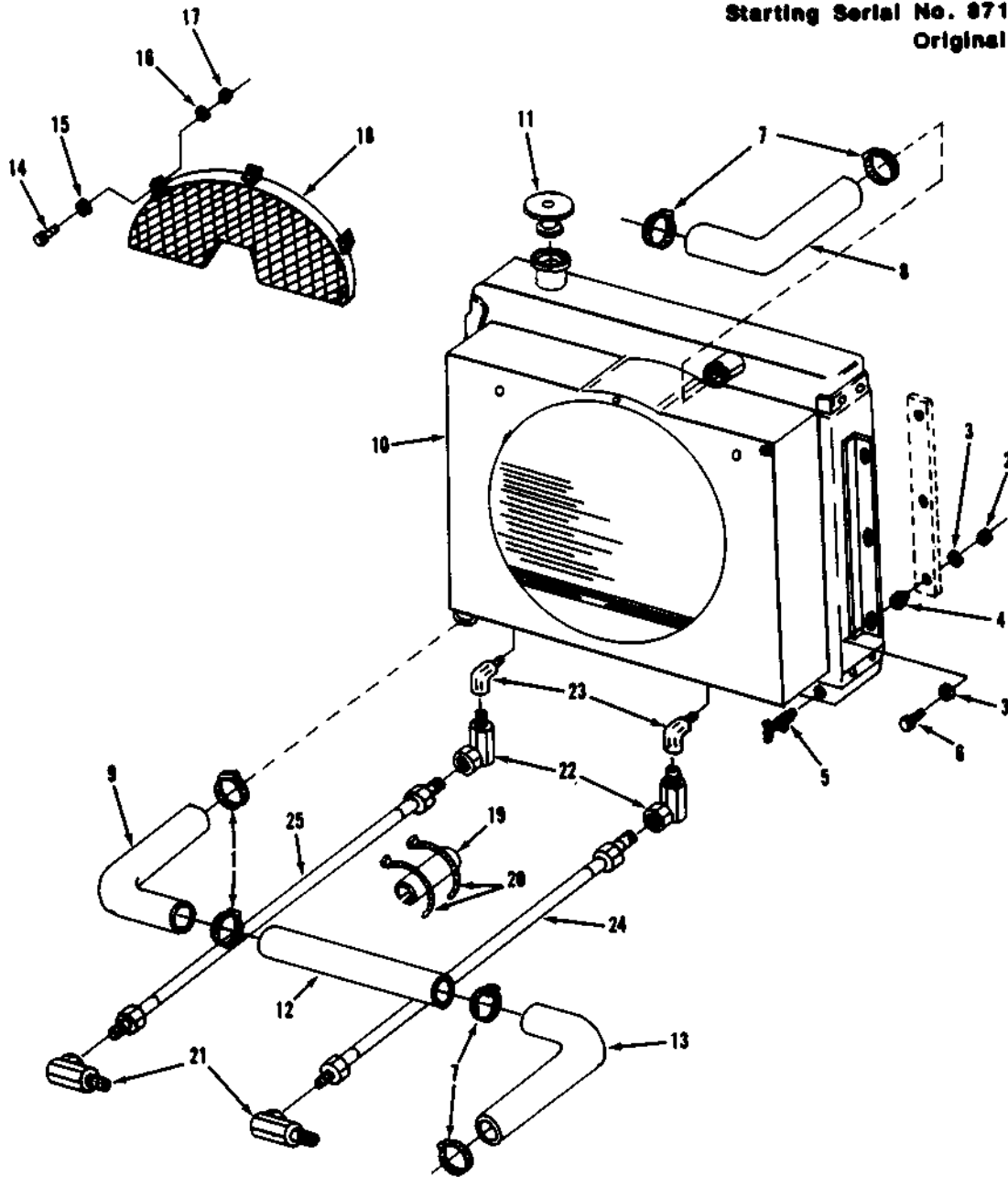
Item	Part No.	Qty.	Description Of Part
1	9020-0377	1	FUEL CAP
2	8870-1153	1	NIPPLE, 2" x 8"
3	8871-2027	1	ELBOW-45 DEGREES 2"
4	9040-0346	1	FUEL TANK
5	8871-1381	1	REDUCING BUSHING 3/8x1/4
6	9002-6454	1	ADAPTER
7	9020-0405	2	FUEL LINE TUBE
8	8348-3497	1	HOSE CLAMP
9		AR	FUEL HOSE 5/16 I.D
10	9040-0654	1	FUEL LEVEL SENDER
11	9040-0713	1	FUEL HOSE
12	9002-7320	1	ADAPTER
			NOTE: ITEMS 11 & 12 ARE USED WITH DIESEL ENGINE ONLY



Item	Part No.	Qty.	Description Of Part
1	9060-0712	2	FUEL TANK MOUNTING STRAP
2	8820-1071	2	HEX HD CAPSCREW, 1/2-13X2-1/2 GR 5
3	9002-7330	1	PUSHLOCK FITTING
4	9020-1995	1	FUEL HOSE
5	9020-0405	2	TUBELINE
6	8348-3497	2	HOSE CLAMP
7	9020-1996	1	FUEL HOSE
8	9020-0539	1	ADAPTER
9	8871-1384	1	REDUCING BUSHING, 1/2X1/4
10	9020-1575	1	FUEL CAP
11	9060-0713	1	FUEL TANK
12	9002-7331	1	PUSHLOCK FITTING
13	8871-1102	1	STREET ELBOW - 90 DEGREES, 3/8
14	8871-1328	1	REDUCING COUPLING, 1/2X3/8
15	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
16	9060-0654	1	FUEL LEVEL SENDER

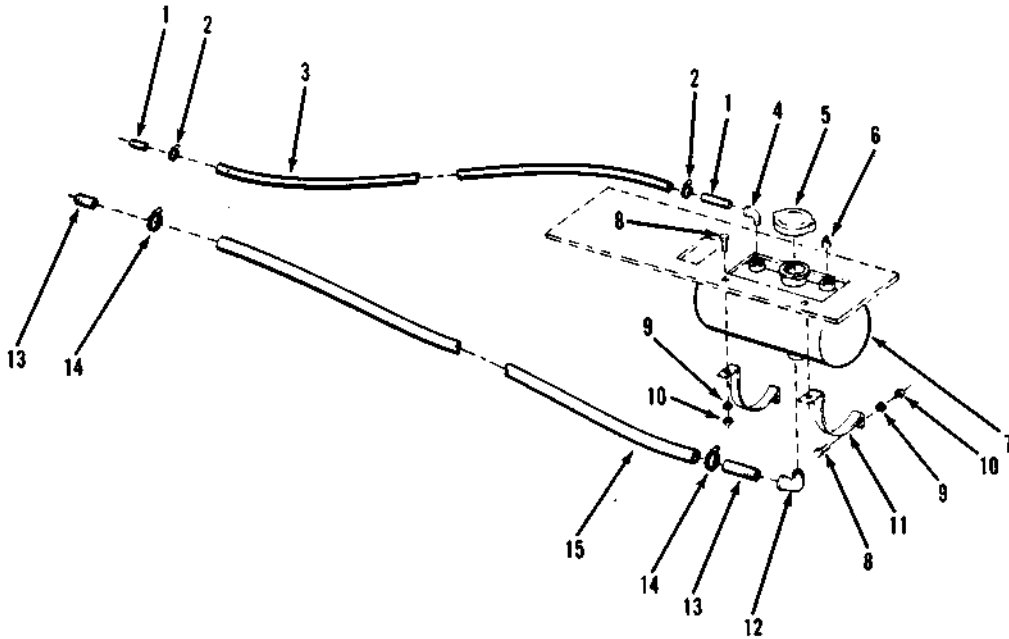


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8667-1187	2	HOSE CLAMP	15	8855-1009	3	LOCKWASHER, 1/4
2	8852-1206	6	HEX LOCKNUT, 3/8-16	16	8856-1107	3	FLAT WASHER, 1/4
3	9020-5918	12	SPECIAL WASHER	17	8850-1004	3	HEX NUT, 1/4-20
4	8368-3308	6	MOUNTING PAD	18	9102-6012	1	FAN GUARD
5		1	DRAIN PETCOCK	19	9020-4029	2	HOSE GUARD
6	8820-1038	6	HEX HD CAPSCREW, 3/8-16x1-3/4 GR5	20	9002-7187	4	NYLON TIE
7	8423-1107	4	HOSE CLAMP	21	8866-1118	2	MALE ELBOW - 90 DEGREES 3/4x3/4 TUBE
8	9103-3132	1	RADIATOR HOSE (top)	22	8866-2067	2	ELBOW - 90 DEGREES (includes o ring)
9	9101-3119	1	RADIATOR HOSE (bottom)		8859-1207	2	O RING
10	9101-3070	1	RADIATOR (includes item 11)	23	8866-2108	2	ELBOW - 90 DEGREES (swivel nut)
11	8572-1006	1	RADIATOR CAP	24	8471-7570	1	HOSE ASSY
12	9020-0862	1	TUBE	25	8471-7571	1	HOSE ASSY
13	9020-0859	1	RADIATOR HOSE				
14	8820-1003	3	HEX HD CAPSCREW, 1/4-20x3/4, GR5				

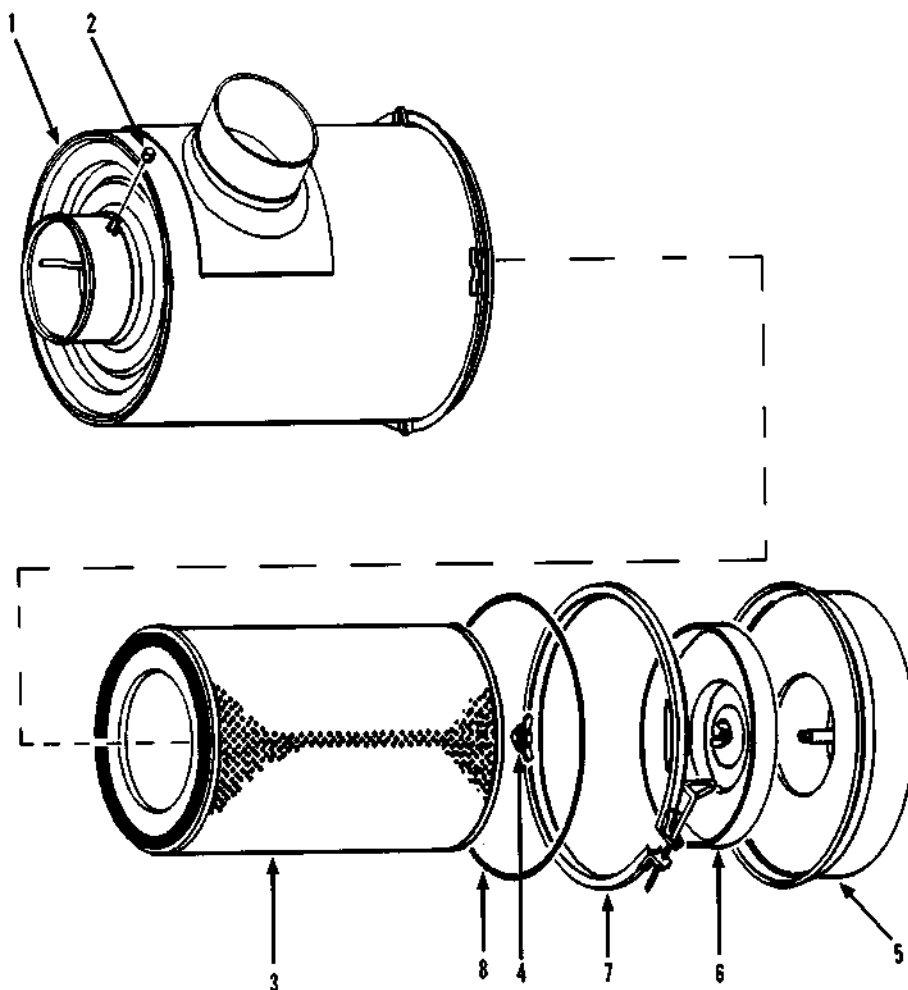


Item	Part No.	Qty.	Description Of Part
1	8667-1187	2	HOSE CLAMP
2	8852-1206	6	HEX LOCKNUT, 3/8-16
3	9020-5918	12	SPECIAL WASHER
4	8368-3308	6	MOUNTING PAD
5		1	DRAIN PETCOCK
6	8820-1038	6	HEX HD CAPSCREW, 3/8-16x1-3/4 GR5
7	8423-1107	4	HOSE CLAMP
8	9103-3132	1	RADIATOR HOSE (top)
9	9101-3119	1	RADIATOR HOSE (bottom)
10	9101-3070	1	RADIATOR (includes item 11)
11	8572-1006	1	RADIATOR CAP
12	9020-0862	1	TUBE
13	9020-0859	1	RADIATOR HOSE
14	8820-1003	3	HEX HD CAPSCREW, 1/4-20x3/4, GR5

Item	Part No.	Qty.	Description Of Part
15	8855-1009	3	LOCKWASHER, 1/4
16	8856-1107	3	FLAT WASHER, 1/4
17	8850-1004	3	HEX NUT, 1/4-20
18	9102-6012	1	FAN GUARD
19	9020-4029	2	HOSE GUARD
20	9002-7187	4	TY-WRAP
21	9002-8496	2	O RING ADAPTER
22	9002-8492	2	O RING ADAPTER
23	8871-2015	2	STREET ELBOW - 90 DEGREES 1/8
24	9020-5286	1	HOSE ASSY
25	9020-5287	1	HOSE ASSY

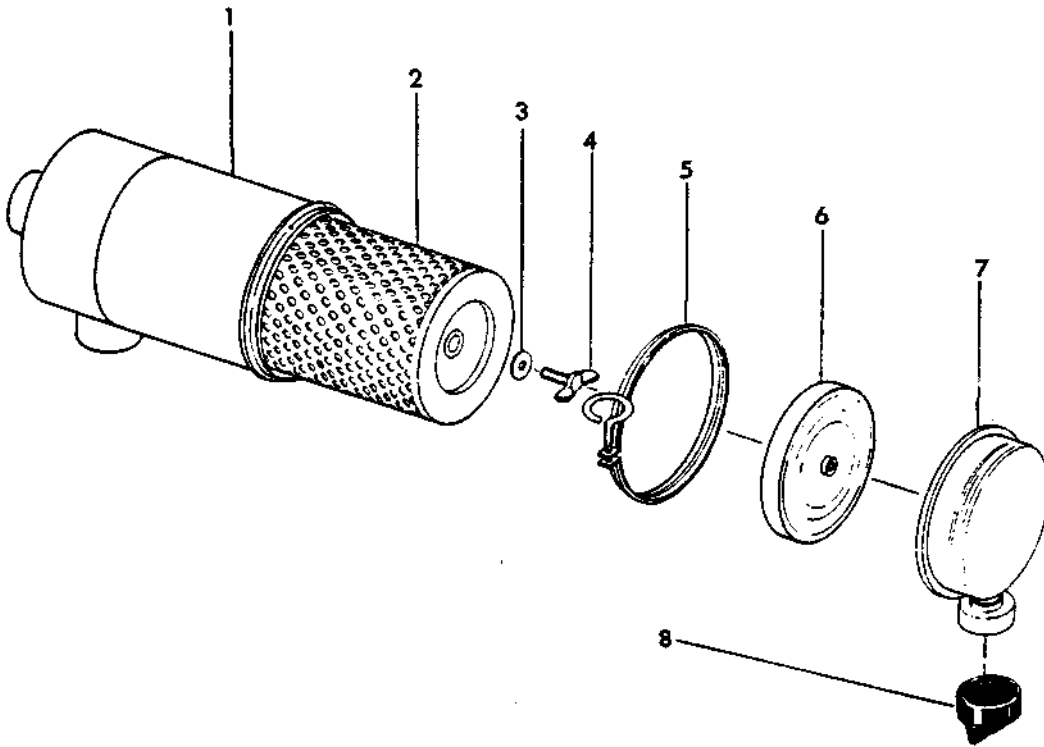


Item	Part No.	Qty.	Description Of Part
1	9020-0345	2	PIPE NIPPLE, 1/4"
2	8668-3193	2	HOSE CLAMP
3		AR	HOSE, 1/2" ID (bulk)
4	8871-2012	1	STREET ELBOW-90°, 1/4"
5	9020-0401	1	FILL CAP
6	8871-1251	1	SQ. HD PIPE PLUG, 1/4"
7	9060-0053	1	SURGE TANK
8	8820-1020	4	HEX HD CAPSCREW, 5/16-18 x 1 Gr 5
9	8855-1010	4	LOCKWASHER, 5/16
10	8850-1005	4	HEX NUT, 5/16-18
11	9020-0380	2	MOUNTING BANDS
12	9002-6335	1	90° STREET ELBOW
13	9020-0346	2	PIPE NIPPLE, 1/2"
14	8667-1182	2	HOSE CLAMP
15		AR	HOSE, 1" ID (bulk)



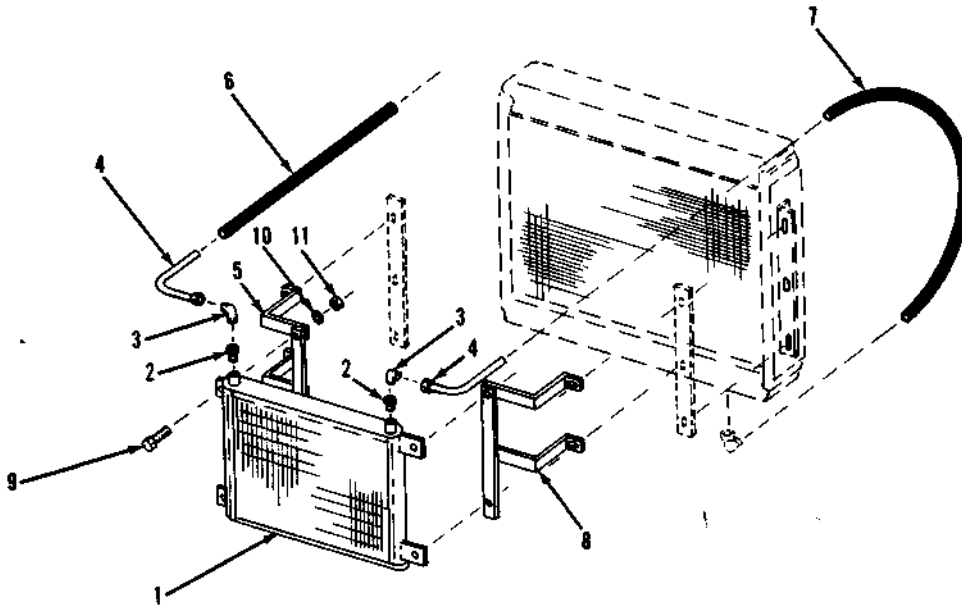
Item	Part No.	Qty.	Description Of Part
	9020-0517	1	AIR CLEANER,(includes all items)
* 1	8367-1282	1	BODY
* 2	8367-1291	1	CAP
* 3	9020-1415	1	ELEMENT ASSEMBLY
* 4	8367-1284	1	WING NUT
* 5	8367-1287	1	CUP ASSEMBLY
6	9020-1411	1	BAFFLE
7	9020-3428	1	CLAMP
8	9020-1413	1	"O" RING
* 9	8367-1290	1	VACUATOR VALVE,(not illustrated)

AIR CLEANER
ALL MODELS W/GAS ENGINE

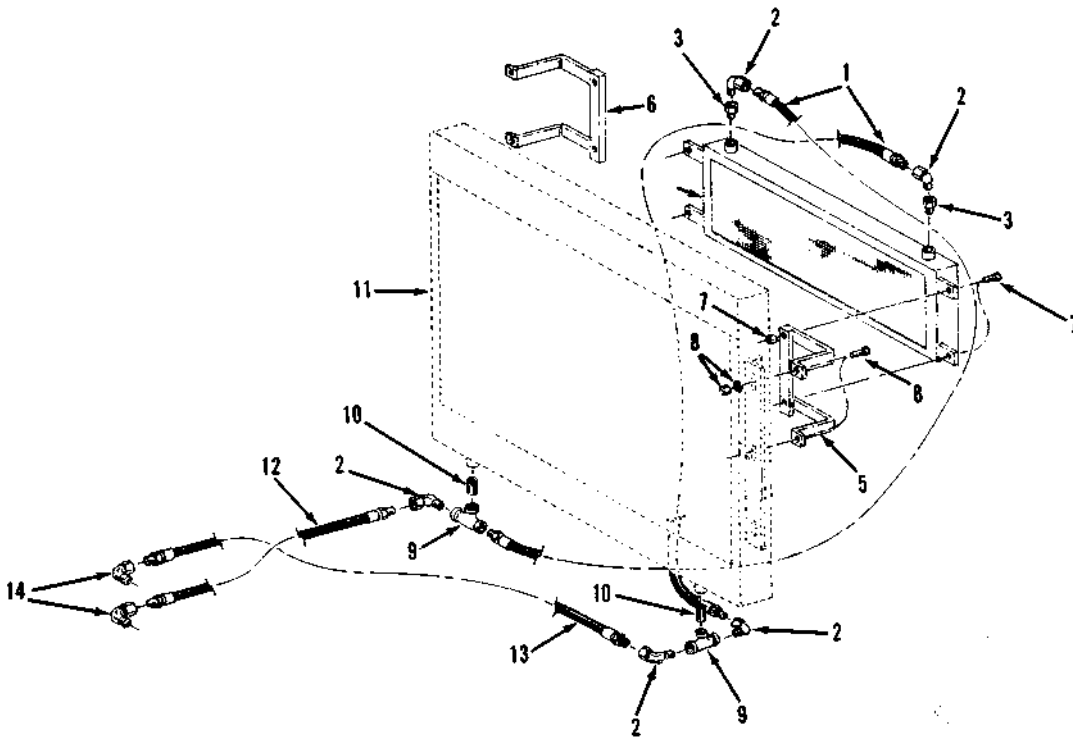


REF.	PART NO.	DESCRIPTION	REQ'D
--	200-230	CLEANER, air.	-
1	NSS	BODY.	1
2	201-000	ELEMENT	1
3	201-001	WASHER, gasket.	1
4	201-002	SCREW, thumb.	1
5	201-003	CLAMP ASSEMBLY.	1
6	201-004	BAFFLE ASSEMBLY	1
7	201-005	VACUATOR CUP ASSEMBLY	1
8	200-807	VALVE, vacuator	1

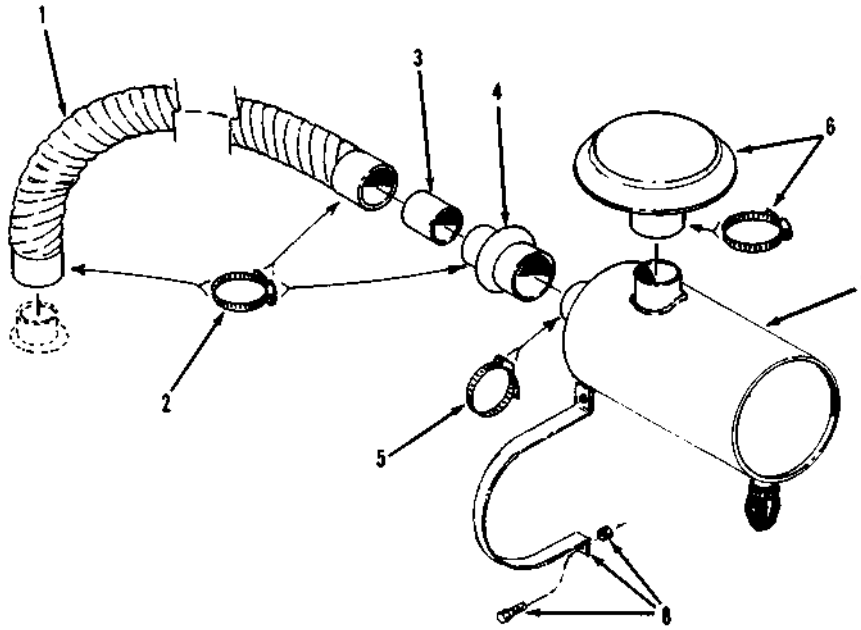
NSS - NOT SERVICED SEPARATELY



Item	Part No.	Qty.	Description Of Part
1	9060-1008	1	COOLER
2	8871-1390	2	REDUCING BUSHING, 1 x 3/4
3	8874-3046	2	MALE ELBOW-90 DEGREES 3/4 x 3/4 TUBE
4	9060-0825	2	LINE
5	9060-0823	1	BRACKET
6	9020-4167	1	HOSE
7	9020-4168	1	HOSE
8	9060-0822	1	BRACKET
9	8820-1037	4	HEX HD CAPSCREW, 3/8-16 x 1 1/2 Gr 5
10	8856-1109	4	FLAT WASHER, 3/8
11	8850-1006	4	HEX NUT, 3/8-16



Item	Part No.	Qty.	Description Of Part
1	9020-7824	2	HIGH PRESSURE HOSE
2	9002-8492	5	90 DEGREE SWIVEL ELBOW
3	8871-1390	2	REDUCING BUSHING, 1 X 3/4
4	9060-1008	1	OIL COOLER
5	9060-0823	1	OIL COOLER MOUNTING BRACKET (left side)
6	9060-0822	1	OIL COOLER MOUNTING BRACKET (right side)
7	8820-1037	4	HEX HD CAPSCREW, 3/8-16 X 1 1/2, GR5
8	8850-1006	4	HEX NUT, 3/8 - 16
	8820-1042	4	HEX HD CAPSCREW, 3/8-16 X 2 3/4, GR5
9	8850-1006	4	HEX NUT, HEX NUT, 3/8 - 16
	8856-1109	4	FLAT WASHER, 3/8
10	8871-1024	2	TEE, 3/4
11	8870-1005	2	CLOSE NIPPLE, 3/4 X 1 3/8
12	9020-5286	1	RADIATOR
13	9020-5287	1	HIGH PRESSURE HOSE
14	9002-8496	1	HIGH PRESSURE HOSE
		1	90 DEGREE SWIVEL ELBOW



Item	Part No.	Qty.	Description Of Part
1	8572-1085	1	HOSE
2	8503-1160	3	HOSE CLAMP
3	9020-3333	1	AIR CLEANER TUBE
4	9020-0518	1	HUMP REDUCER
5	8687-1176	1	HOSE CLAMP
6	9020-0849	1	AIR STACK CAP AND CLAMP
7	9020-0517	1	AIR CLEANER
8	7717-3008	2	AIR CLEANER MOUNTING BAND
	8820-1035	4	HEX HD CAPSCREW 3/8-16 X 1, GR5

INFORMATION SHEET

FOR TRANSMISSIONS CONTAINED IN SECTION 6

Units with FUNK transmissions with unit s/n before 574

PARTS INFORMATION IN SECTION 6
PAGES 6-2 THRU 6-18

Units with FUNK transmissions with unit s/n after 574

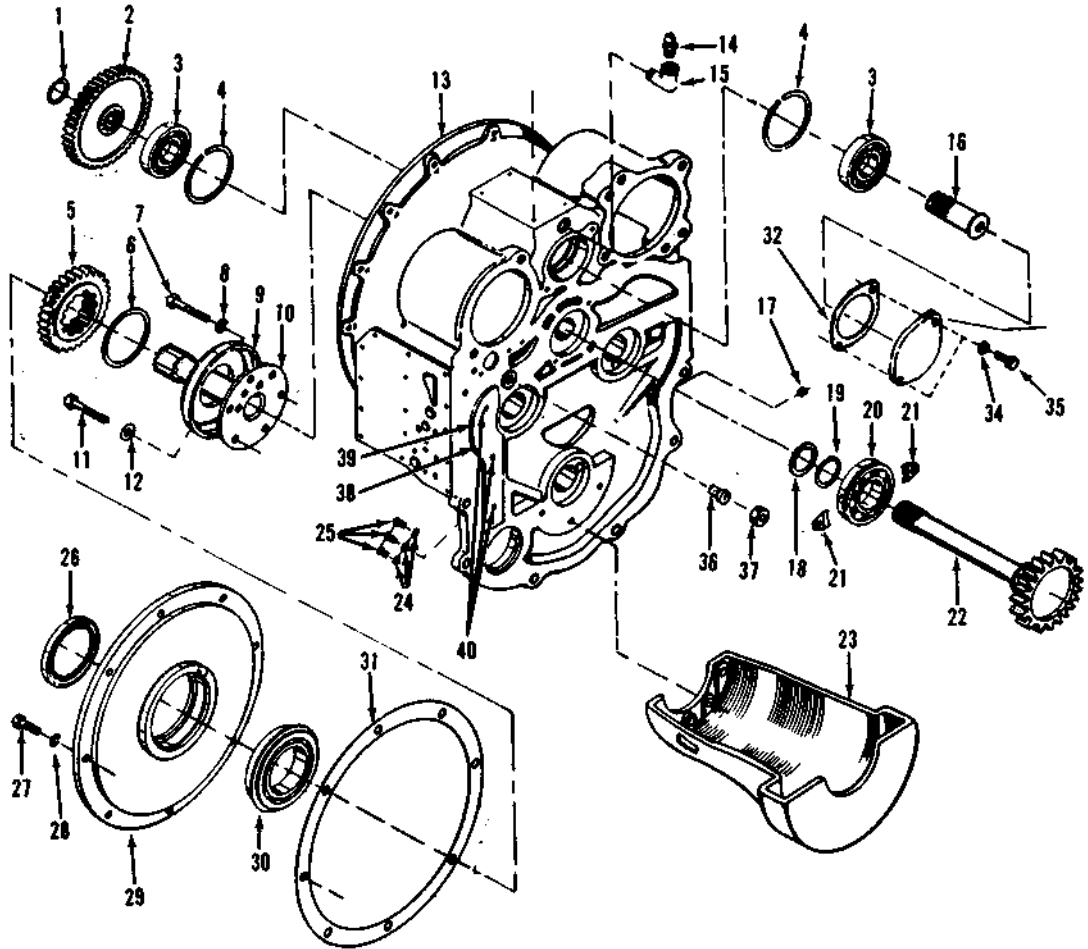
FOR PARTS AND ORDERING
INFORMATION, CONTACT
GRADALL PARTS DEPT.

Units with CLARK transmissions

PARTS INFORMATION IN SECTION 6
PAGES 6-20 THRU 6-34

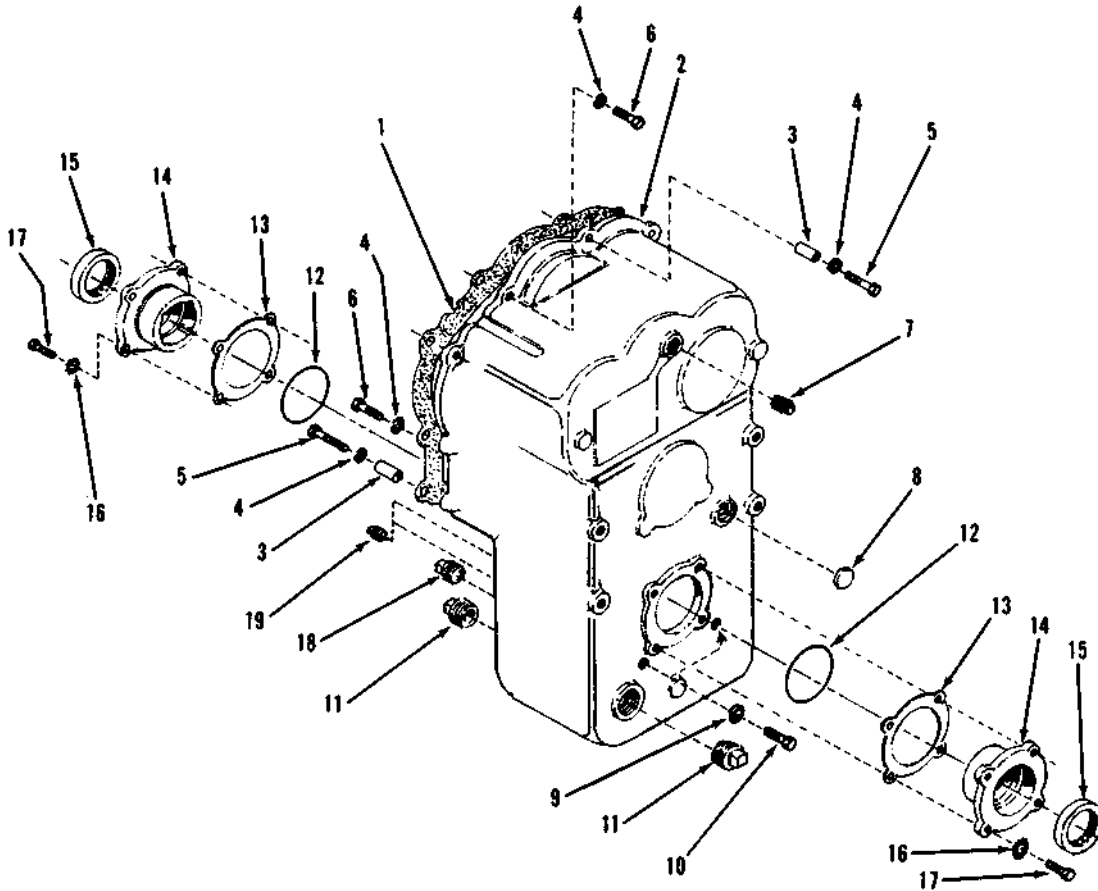
Units with ALLISON transmissions

FOR PARTS AND ORDERING
INFORMATION, CONTACT
GRADALL PARTS DEPT.

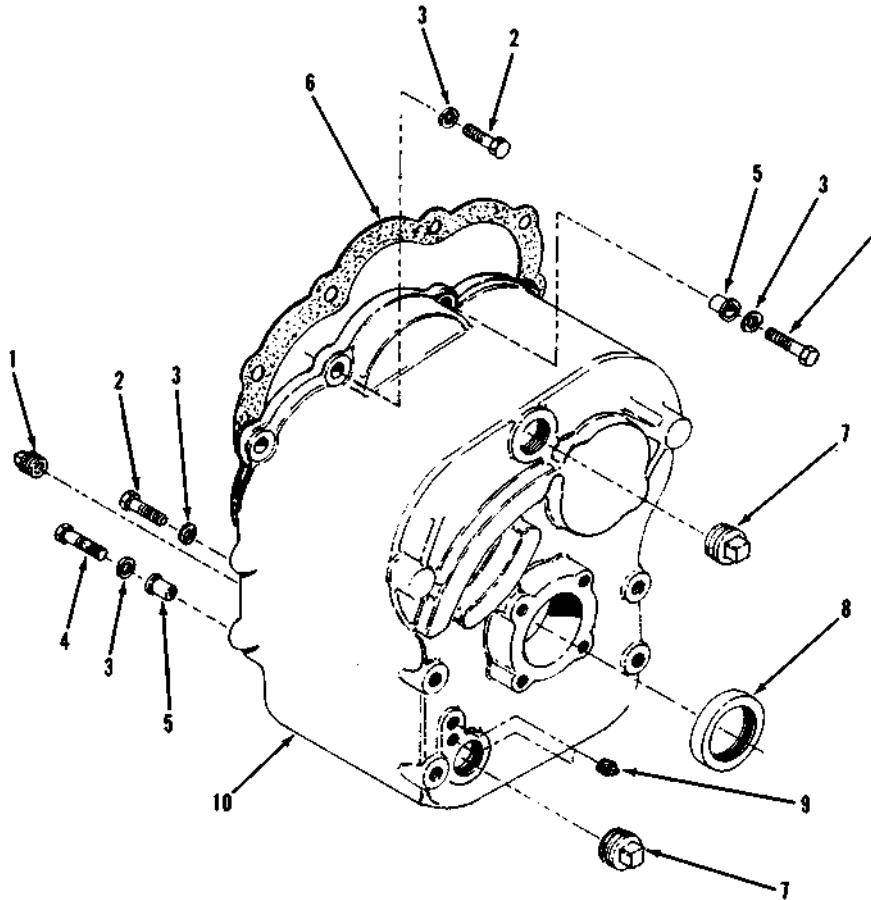


Item	Part No.	Qty.	Description Of Part
	9040-1452		COVER & SHAFT ASSEMBLY (552 three speed transmission)
	9020-1528		COVER & SHAFT ASSEMBLY (552 four speed transmission)
	9040-1453		COVER & SHAFT ASSEMBLY (554 three speed transmission)
	9040-1454		COVER & SHAFT ASSEMBLY (554 four speed transmission)
1	9020-1077	1	RETAINING RING
2	9020-1073	1	GEAR
3	9020-1075	2	BEARING
4	7738-4129	2	RETAINER RING
5	7738-4093	1	GEAR
6	7738-4079	1	WASHER
7	7738-4363	4	HEX HD CAPSCREW
8	9020-1082	4	WASHER
9	9020-1080	1	COVER PLATE

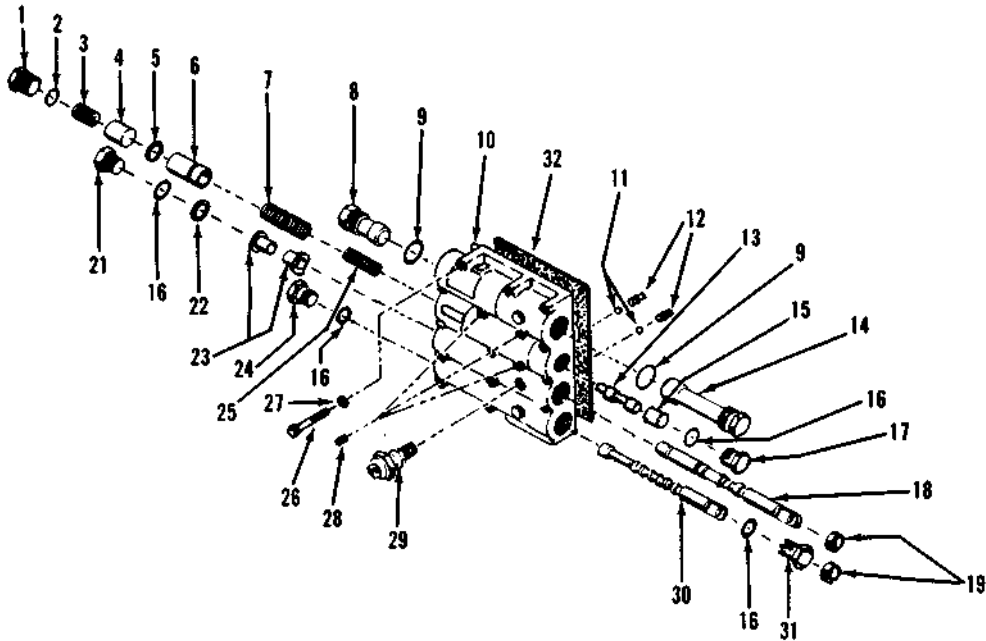
Item	Part No.	Qty.	Description Of Part
10	9020-1424	1	STATOR TUBE
11	9020-1425	2	HEX HD CAPSCREW
12	9020-1278	2	STAR WASHER
13	9020-1419	1	FRONT COVER (552 3 and 4 speed)
	9040-1446	1	FRONT COVER (554 3 and 4 speed)
14	7738-4386	1	BREATHER
15	9020-1095	1	ELBOW
16	9020-1074	1	AUXILIARY PUMP SHAFT
17	7738-4222	1	PLUG
18	9020-1423	1	SEAL
19	9020-1100	1	RETAINER RING
20	9020-1101	1	BEARING
21	9020-1427	2	BEARING RETAINER CLIP
22	9040-1447	1	INPUT SHAFT (all 3 speed transmissions)
	9101-4001	1	INPUT SHAFT (all 4 speed transmissions)
23	9020-1432	1	BAFFLE (552 only)
24	9020-1434	3	DYNASEAL WASHER (552 only)
25	7738-4072	3	HEX HD CAPSCREW
26	9020-1431	1	SEAL
27	7738-4358	7	HEX HD CAPSCREW
28	8697-4066	7	LOCKWASHER
29	7738-4091	1	BEARING RETAINER
30	9020-1430	1	BEARING
31	9020-1087	1	GASKET
32	9040-1449	1	GASKET
33	9040-1448	1	COVER PLATE
34	9040-1451	1	LOCKWASHER
35	9040-1450	2	HEX HD CAPSCREW
36	7738-4066	1	REGULATOR VALVE
37	NSS	1	PLUG
38	7738-4071	1	COVER
39	9020-3220	1	GASKET "O"-RING (not shown)
40	NSS	3	HEX HD CAPSCREW



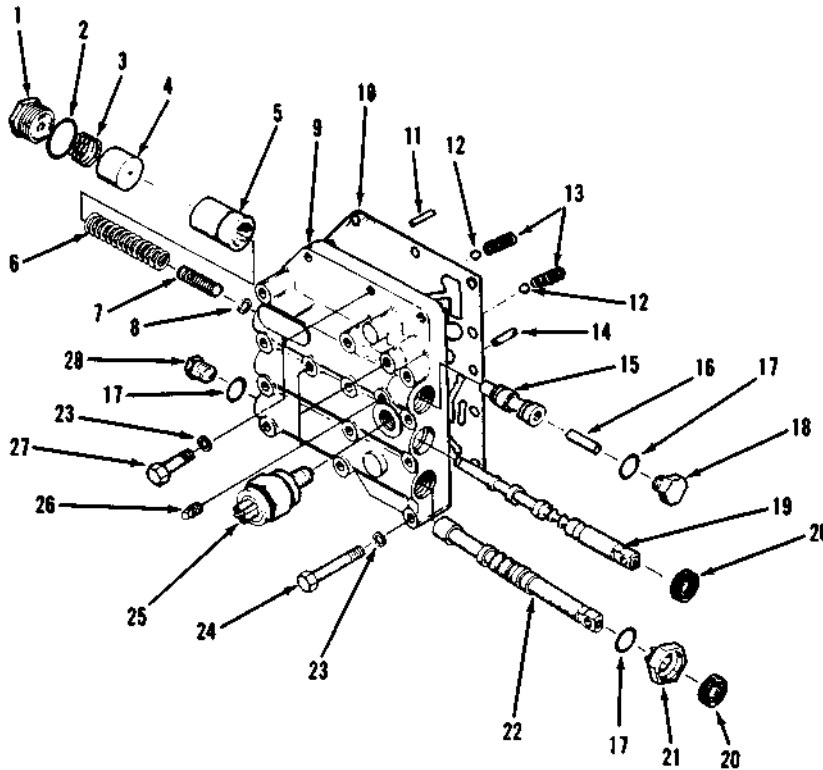
Item	Part No.	Qty.	Description Of Part
	9040-1455	1	MAIN CASE ASSEMBLY
1	7738-4172	1	GASKET
2	9040-1456	1	CASE
3	7738-4171	9	BUSHING
4	8855-1013	9	LOCKWASHER, 1/2
5	8820-1070	2	HEX HD CAPSCREW, 1/2-13x2 1/4 Gr 5
6	8820-1067	7	HEX HD CAPSCREW, 1/2-13x1 1/2 Gr 5
7	9020-1132	3	PLUG
8	9040-1457	1	EXPANSION PLUG
9	9040-1488	2	DYNASEAL WASHER
10	8820-1035	2	HEX HD CAPSCREW, 3/8-16x1 Gr 5
11	7738-4177	2	PLUG, 1 1/4 NPT
12	9020-1247	2	"O" RING
13	9040-1489	AR	BEARING RETAINER SHIM
14	9020-1245	2	BEARING RETAINER
15	9040-1487	2	SHAFT SEAL
16	9020-1250	8	STAR LOCK WASHER
17	8820-1066	8	HEX HD CAPSCREW, 1/2-13x1 1/4 Gr 5
18	9020-1131	2	DRAIN PLUG (magnetic)
19	8871-1251	2	SQ. HD PIPE PLUG, 1/4



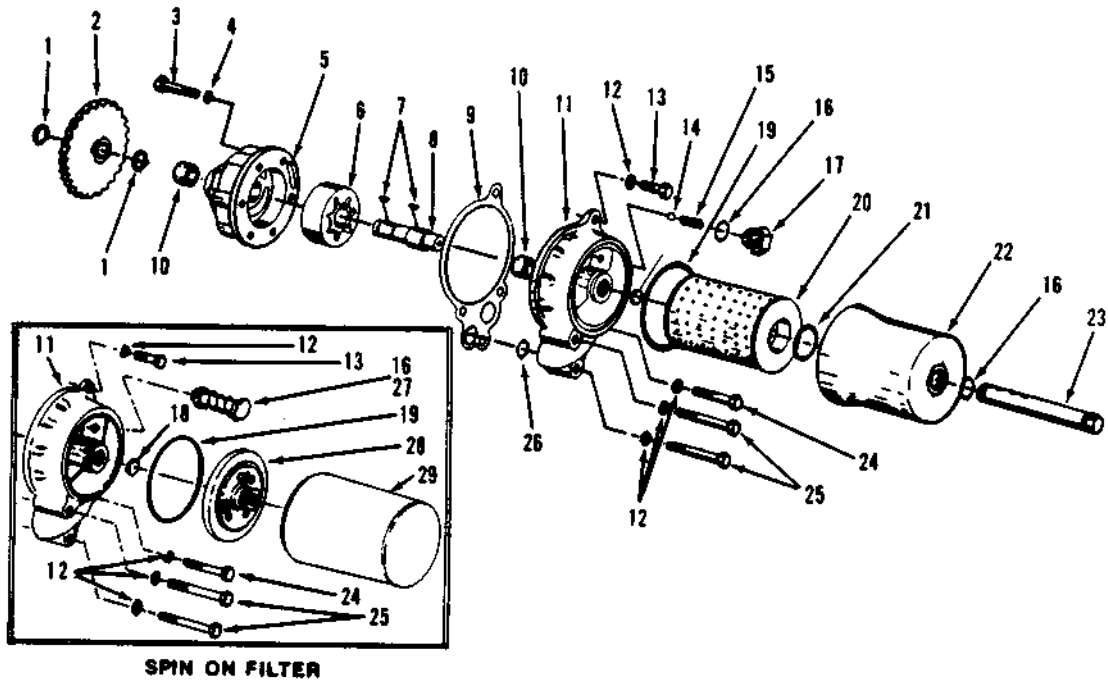
Item	Part No.	Qty.	Description Of Part
	9020-1530		MAIN CASE ASSEMBLY
1	9020-1131	1	DRAIN PLUG (magnetic)
2	8820-1067	7	HEX HD CAPSCREW, 1/2-13x1 1/2 Gr 5
3	8855-1013	9	LOCKWASHER, 1/2
4	8820-1070	2	HEX HD CAPSCREW, 1/2-13x2 1/4 Gr 5
5	7738-4171	2	BUSHING
6	7738-4172	1	GASKET
7	8871-1256	2	SQ HD PIPE PLUG, 1 1/4
8	9020-1246	1	SEAL
9	8871-1251	2	SQ HD PIPE PLUG, 1/4
10	9020-1460	1	CASE



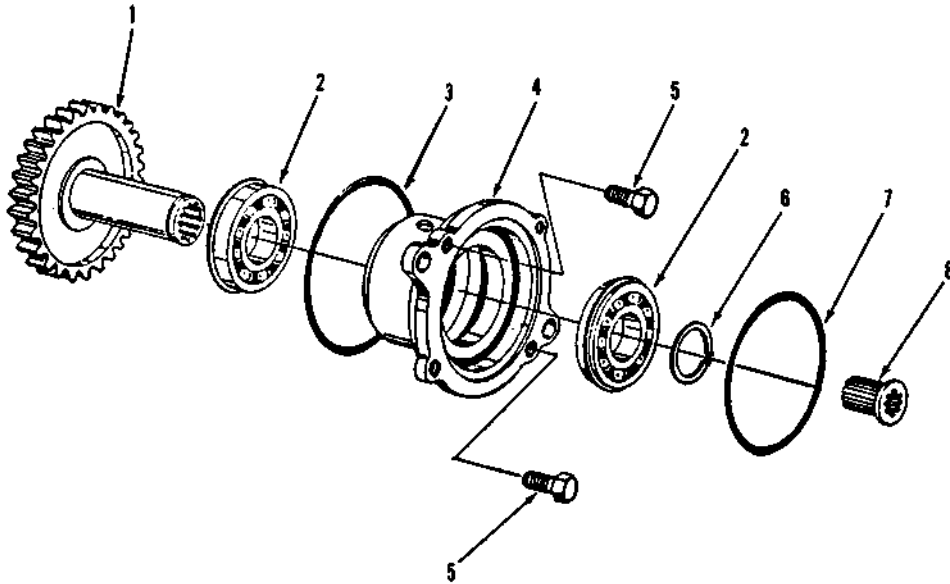
Item	Part No.	Qty.	Description Of Part
	9040-1437		CONTROL VALVE (3 speed transmission)
	9040-1438		CONTROL VALVE (4 speed transmission)
1	7738-4245	1	DUMP VALVE PLUG
2	7738-4246	1	"O" RING
3	9020-1222	1	DUMP VALVE SPRING
4	9020-1223	1	DUMP VALVE
5	9020-1224	1	RETAINING RING
6	9020-1225	1	MODULATOR VALVE
7	9020-1226	1	ACCUMULATOR SPRING
8	9020-1217	1	BRAKE, CUT OFF PLUG
9	9020-1218	2	"O" RING
10	9020-1216	1	VALVE HOUSING
11	9020-1239	2	DETENT BALL
12	9020-1240	2	DETENT SPRING
13	9020-1228	1	DOWEL PIN
14	9020-1229	1	MAIN REGULATOR SPOOL
15	9020-1219	1	PLUG
16	9020-1230	4	"O" RING
17	7738-4238	1	PLUG
18	9020-1235	1	FORWARD REVERSE SPOOL
19	9020-1236	2	OIL SEAL
20	9020-1549	AR	SPACER
21	9020-1232	1	PLUG
22	9020-1233	1	RETAINING RING
23	9020-1234	2	SPACER
24	9040-1440	1	PLUG (all 3 speed transmissions)
25	9020-1232	1	PLUG (all 4 speed transmissions)
26	9020-1227	1	REGULATOR SPRING
27	8820-1025	15	HEX HD CAPSCREW, 5/16-18x2 1/4 Gr 5
28	8855-1010	15	LOCKWASHER, 5/16
29	7738-4222	3	PIPE PLUG, 1/8-27 NPT
30	9020-1241	1	NEUTRAL SAFETY SWITCH
31	9020-1237	1	SPEED SELECTOR SPOOL
32	9020-1238	1	PLUG
	9020-1547	1	VALVE BODY GASKET



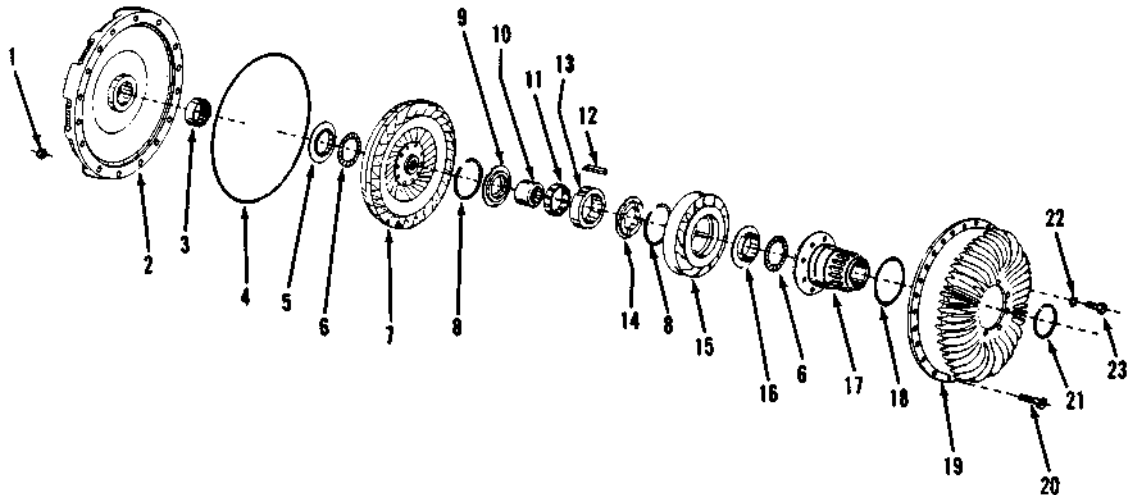
Item	Part No.	Qty.	Description Of Part
	9020-1620		CONTROL VALVE (3 speed trans.)
	9020-1621		CONTROL VALVE (4 speed trans.)
1	7738-4245	1	DUMP VALVE PLUG
2	7738-4246	1	"O" RING
3	7738-4244	1	DUMP VALVE SPRING
4	9020-1223	1	DUMP VALVE
5	9020-1225	1	MODULATOR VALVE
6	9020-1226	1	MODULATOR SPRING
7	9020-1227	1	REGULATOR SPRING
8	9020-1549	AR	SPRING SPACER
9	9040-1441	1	VALVE HOUSING
10	9040-1442	1	VALVE BODY GASKET
11	9040-1439	1	PIN
12	9020-1239	2	DETENT BALL
13	9020-1240	2	DETENT SPRING
14	9040-1443	1	ROLL PIN
15	9020-1229	1	MAIN REGULATOR SPOOL
16	9020-1520	1	DOWEL PIN
17	9020-1230	3	"O" RING
18	7738-4238	1	PLUG
19	9040-1444	1	FORWARD REVERSE SPOOL
20	9020-1236	2	OIL SEAL
21	9020-1238	1	PLUG
22	9020-1237	1	SPEED SELECTOR SPOOL
23	8855-1010	15	LOCKWASHER,
24	8820-1025	12	HEX HD CAPSCREW, 5/16-18x2 1/4 Gr 5
25	9020-1241	1	NEUTRAL SAFETY SWITCH
26	7738-4222	3	PIPE PLUG, 1/8-27 NPT
27	7738-4363	3	HEX HD CAPSCREW, 5/16-18x1 1/4
28	9040-1440	1	PLUG (all 3 speed trans.)
	9020-1232	1	PLUG (all 4 speed trans.)



Item	Part No.	Qty.	Description Of Part
	9020-1531	Ref	PUMP & FILTER ASSY (all units with cartridge filter)
	9020-1616	Ref	PUMP & FILTER ASSY (all units with spin-on filter)
1	9020-1517	2	RETAINING RING
2	9020-1518	1	PUMP DRIVE GEAR
3	9020-1516	6	BOLT
4	9020-1515	6	STAR WASHER
5	9020-1470	1	CHARGE PUMP RETAINER
6	9020-1513	1	GEROTOR
7	9020-1512	2	WOODRUFF KEY
8	9020-1511	1	PUMP DRIVE SHAFT
9	9020-1532	1	MANIFOLD GASKET
10	9101-4135	2	BUSHING
11	9020-1433	1	OIL MANIFOLD (cartridge filter)
	9020-1509	1	OIL MANIFOLD (spin-on filter)
12	7738-4207	4	STAR WASHER
13	9020-1531	1	CAPSCREW
14	9020-1519	1	BALL
15	9020-1520	1	BYPASS VALVE SPRING
16	9020-1522	1	O-RING
17	9020-1521	1	REGULATOR CAP
18	9020-1510	1	EXPANSION PLUG
19	9020-1526	1	O-RING
20	9020-1527	1	FILTER (AC PF 141)
21	9020-1525	1	O-RING
22	9020-1524	1	OIL FILTER COVER
23	9020-1523	1	COVER STUD
24	9020-1530	1	CAPSCREW
25	7738-4205	2	CAPSCREW
26	7738-4211	1	O-RING
27	9020-1619	1	BYPASS VALVE
28	9020-1618	1	ADAPTER (spin-on filter)
29	9020-1617	1	SPIN-ON FILTER

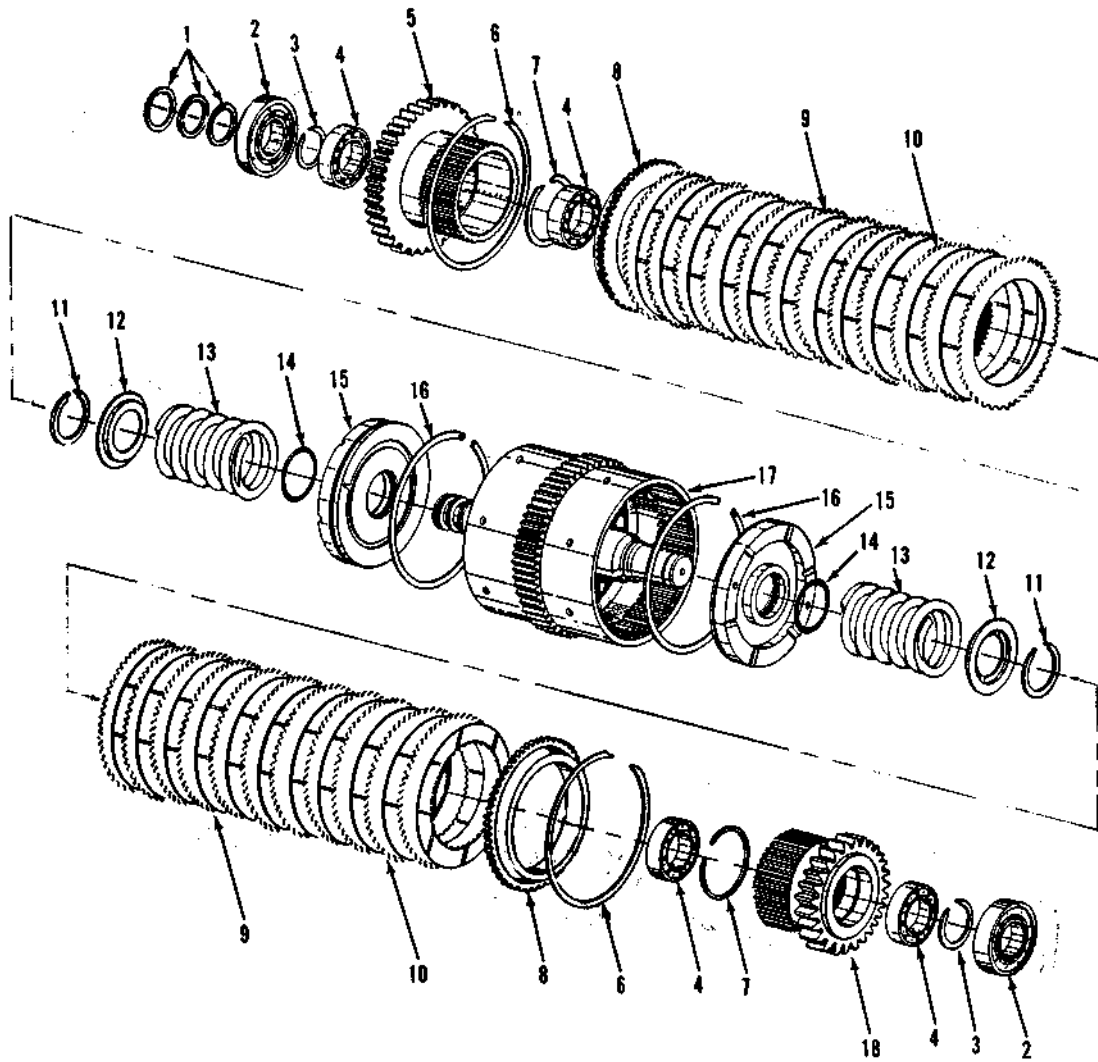


Item	Part No.	Qty.	Description Of Part
1	7738-4376	1	PUMP DRIVE GEAR
2	9020-1157	2	BEARING
3	7738-4160	1	"O" RING
4	7738-4378	1	PUMP DRIVE ADAPTER
5	7738-4070	2	CAPSCREW
6	9020-1158	1	RETAINING RING
7	9020-1160	1	"O" RING
8	9020-1148	1	ADAPTER



Item	Part No.	Qty.	Description Of Part
	9020-1107		TORQUE CONVERTER
1	9020-1457	16	LOCKNUT
2	9020-1122	1	FRONT COVER
3	9020-1453	1	BEARING
4	9020-1123	1	FRONT COVER "O" RING
5	9020-1454	1	WASHER
6	9020-1459	2	THRUST BEARING
7	9020-1120	1	TURBINE
8	9020-1118	2	SNAP RING
9	9020-1448	1	FRONT CLUTCH RETAINER
10	9020-1116	1	INNER RACE
11	9020-1446	1	CLUTCH
12	7738-4048	1	KEY
13	9020-1114	1	OUTER RACE
14	9020-1447	1	REAR CLUTCH RETAINER
15	9020-1113	1	STATOR
16	9020-1442	1	PILOT BEARING
17	9020-1437	1	IMPELLER HUB
18	9021-4001	1	"O" RING
19	7738-4052	1	IMPELLER
20	9020-1456	16	CAPSCREW
21	7738-4056	1	SEAL
22	9020-1440	12	DYNASEAL WASHER
23	7738-4054	12	CAPSCREW

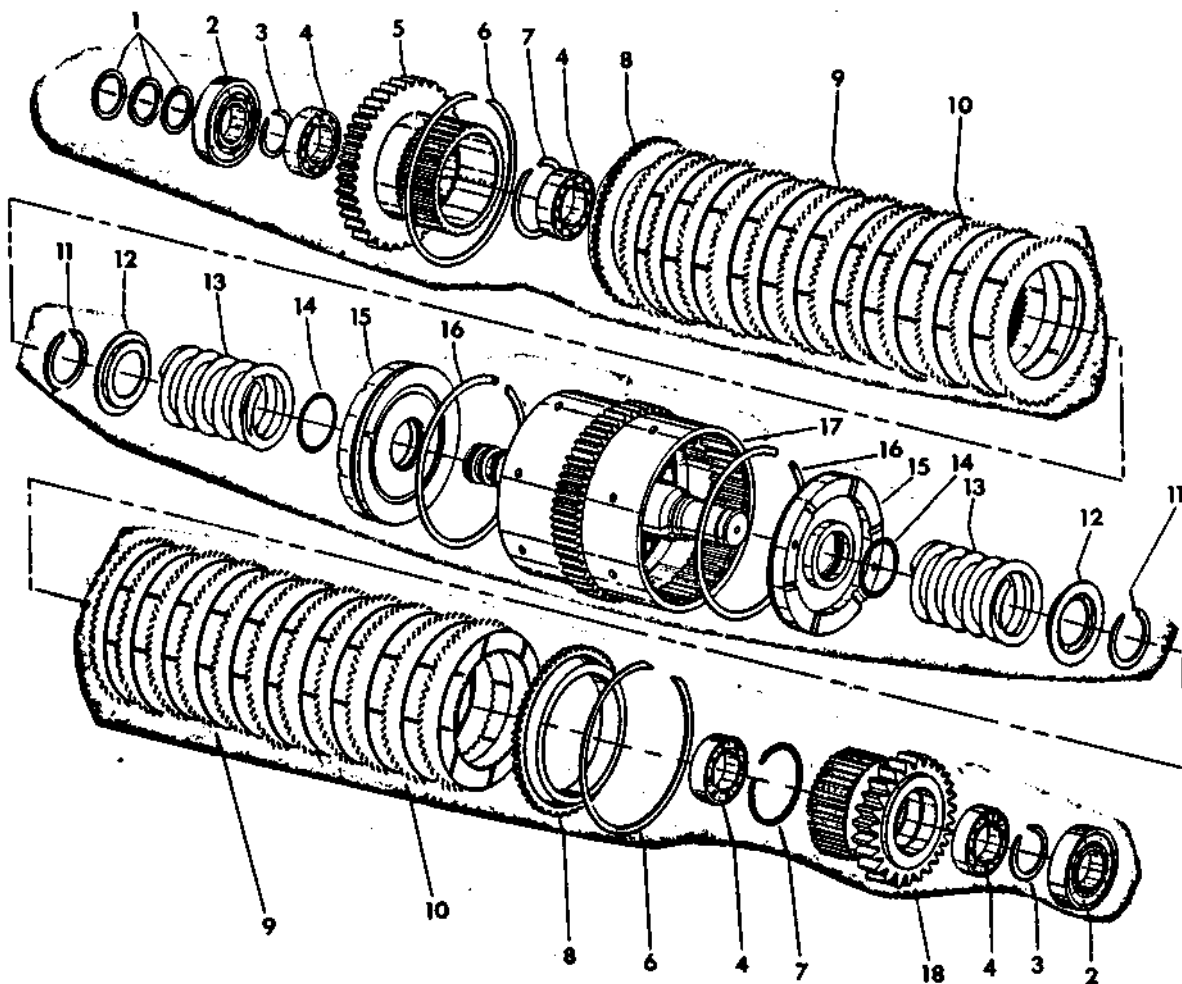
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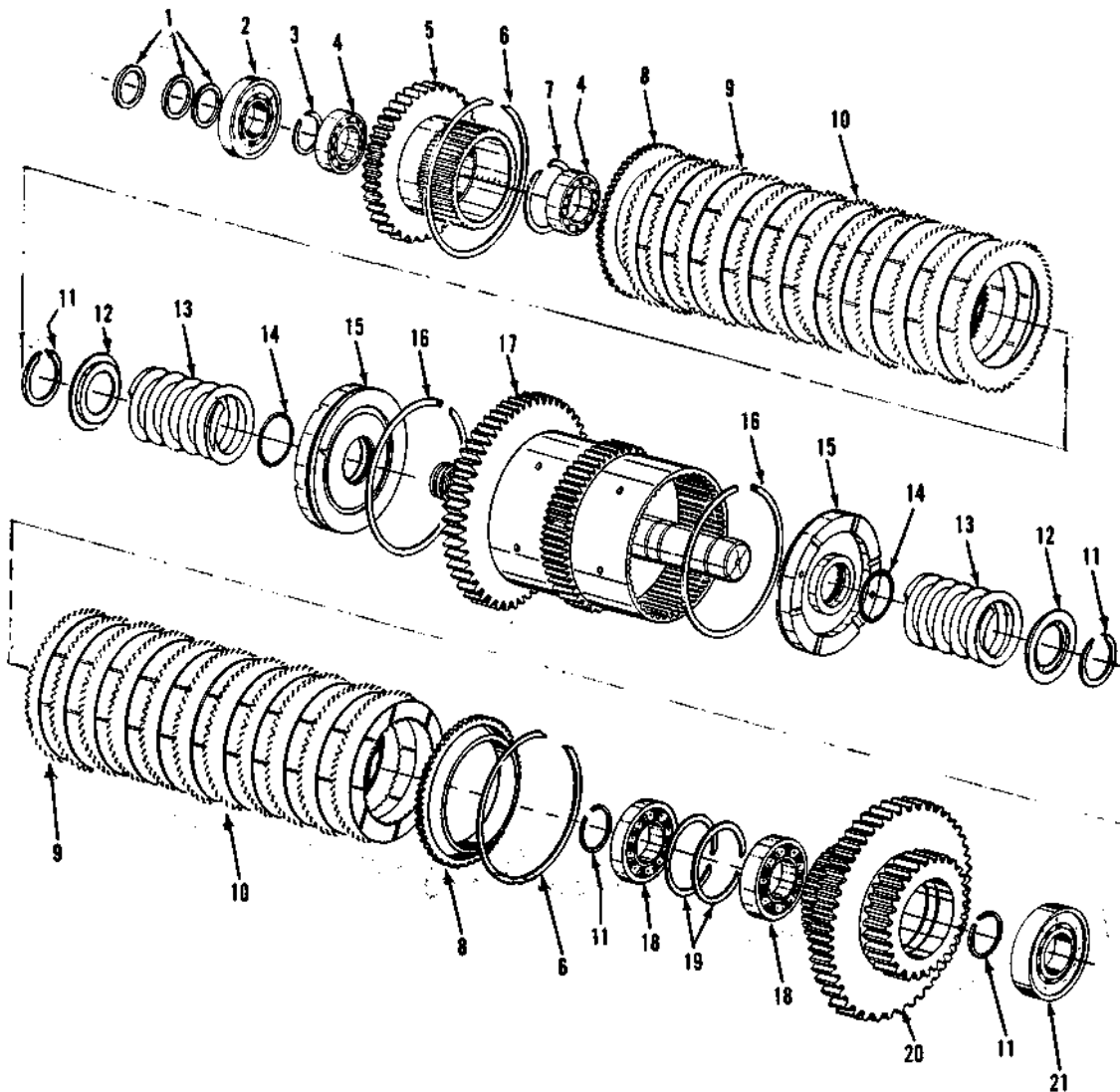
Item	Part No.	Qty.	Description Of Part
	9102-4001		CLUTCH STACK (First stage)
1	9020-1498	3	SEAL
2	9020-1496	2	BEARING
3	9020-1172	2	RETAINER RING
4	9020-1173	4	BEARING
5	9020-1497	1	GEAR and HUB
6	7738-4116	2	SNAP RING
7	9020-1176	2	RETAINER RING
8	7738-4117	2	CLUTCH RETAINER PLATE
9	9020-1179	22	SEPARATOR PLATE
10	9020-1178	22	CLUTCH PLATE
11	9020-1170	2	RETAINER RING
12	9101-4009	2	CLUTCH SPRING RETAINER
13	9020-1168	2	CLUTCH SPRING
14	9020-1167	2	"O" RING
15	9020-1491	2	CLUTCH PISTON
16	9020-1165	2	SEAL RING
17	9020-1490	1	CLUTCH ASSEMBLY
18	9020-1495	1	GEAR and HUB

FIRST STAGE CLUTCH

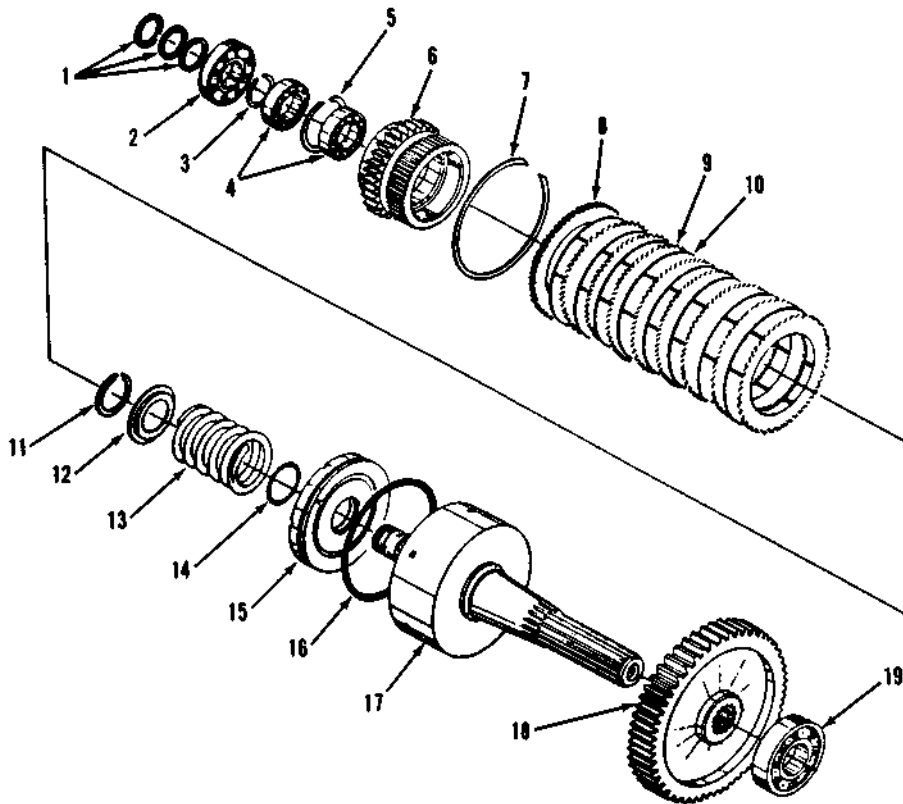
MODEL 552 AND 554 W/ FUNK TRANSMISSIONS



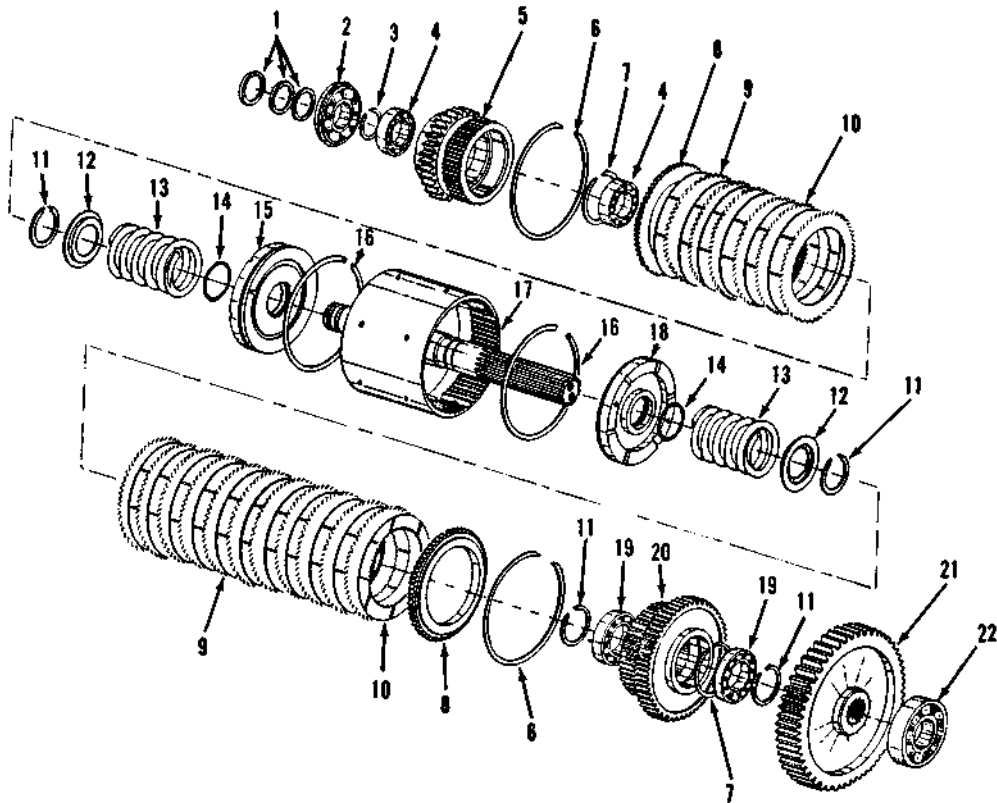
REF.	PART NO.	DESCRIPTION	REQ'D
--	9102-4001	CLUTCH STACK, first stage	-
1	201-099	SEAL.	3
2	201-496	BEARING	2
3	201-172	RING, retainer.	2
4	201-173	BEARING	4
5	201-497	GEAR and HUB.	1
6	201-175	RING, snap.	2
7	201-176	RING, retainer.	2
8	201-177	PLATE, clutch retainer.	2
9	201-179	PLATE, separator.	22
10	201-178	PLATE, clutch	22
11	201-170	RING, retainer.	2
12	201-494	RETAINER, clutch spring	2
13	201-168	SPRING, clutch.	2
14	201-167	"O" RING.	2
15	201-491	PISTON, clutch.	2
16	201-165	RING, seal.	2
17	201-490	CLUTCH ASSEMBLY	1
18	201-495	GEAR and HUB.	1



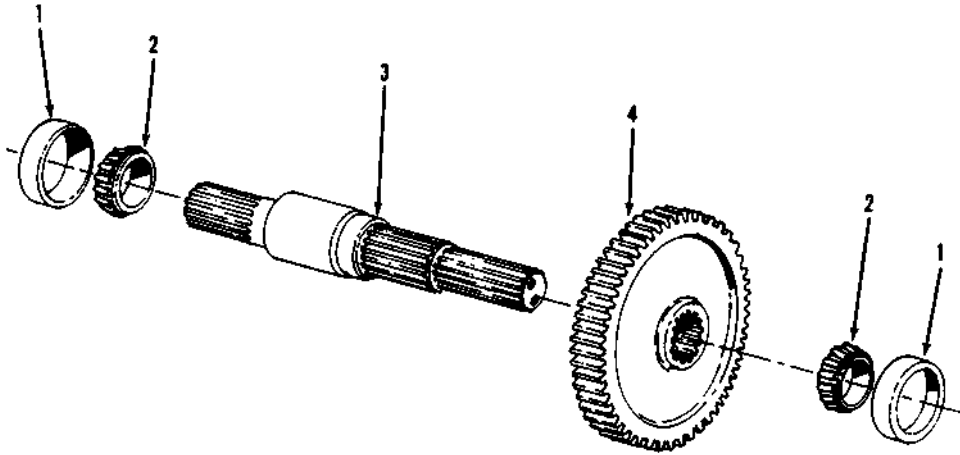
Item	Part No.	Qty.	Description Of Part
			SECOND STAGE CLUTCH STACK
1	9020-1498	3	SEAL
2	9020-1496	1	BEARING
3	9020-1172	1	RETAINER RING
4	9020-1173	2	BEARING
5	9020-1497	1	GEAR and HUB
6	7738-4116	2	SNAP RING
7	9020-1176	1	SNAP RING
8	7738-4117	2	CLUTCH RETAINER PLATE
9	9020-1179	22	SEPARATOR PLATE
10	9020-1178	22	CLUTCH PLATE
11	9020-1170	4	RETAINER RING
12	9101-4009	2	CLUTCH SPRING RETAINER
13	9020-1168	2	CLUTCH SPRING
14	9020-1167	2	"O" RING
15	9020-1491	2	CLUTCH PISTON
16	9020-1165	2	SEAL RING
17	9020-1499	1	CLUTCH ASSEMBLY
18	9020-1185	2	BEARING
19	9020-1186	2	RETAINER RING
20	9020-1500	1	GEAR and HUB
21	9020-1501	1	BEARING



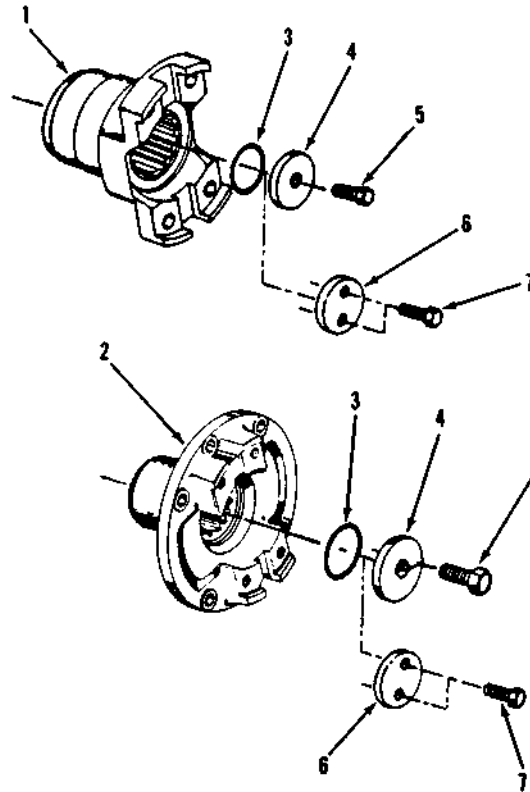
Item	Part No.	Qty.	Description Of Part
	9040-1479		3RD STAGE CLUTCH (554 3 speed)
	9040-1480		3RD STAGE CLUTCH & OUTPUT (552 3 speed)
1	9020-1498	3	SEAL
2	9020-1496	1	BEARING (554 only)
	9040-1481	1	BEARING (552 only)
3	9020-1172	1	RETAINER
4	9020-1173	2	BEARING
5	9020-1176	1	RETAINER
6	9040-1482	1	GEAR and HUB
7	7738-4116	1	SNAP RING
8	7738-4117	1	CLUTCH RETAINER PLATE
9	9020-1179	8	SEPARATOR PLATE
10	9020-1178	8	CLUTCH PLATE
11	9020-1170	1	RETAINER
12	9101-4009	1	CLUTCH SPRING RETAINER
13	9020-1168	1	CLUTCH SPRING
14	9020-1167	1	"O" RING
15	9040-1483	1	CLUTCH PISTON
16	9020-1165	1	SEAL
17	9040-1484	1	CLUTCH ASSEMBLY (554 only)
	9040-1485	1	CLUTCH ASSEMBLY (552 only)
18	9020-1193	1	GEAR
19	9020-1501	1	BEARING (554 only)
	9040-1486	1	BEARING (552 only)



Item	Part No.	Qty.	Description Of Part
	9040-1471		3RD STAGE CLUTCH STACK (554 4 speed transmission)
	9020-1534		3RD STAGE & OUTPUT CLUTCH STACK (552 4 speed transmission)
1	9020-1498	3	SEAL
2	9020-1496	1	BEARING (554 only)
	9101-4010	1	BEARING (552 only)
3	9020-1172	1	RETAINER RING
4	9020-1173	2	BEARING
5	9020-1505	1	GEAR and HUB
6	7738-4116	2	SNAP RING
7	9020-1176	2	RETAINER
8	7738-4117	2	CLUTCH RETAINER PLATE
9	9020-1179	19	SEPARATOR PLATE
10	9020-1178	19	CLUTCH PLATE
11	9020-1170	4	RETAINER
12	9101-4009	2	CLUTCH SPRING RETAINER
13	9020-1168	2	CLUTCH SPRING
14	9020-1167	2	"O" RING
15	9020-1506	1	CLUTCH PISTON
16	9020-1165	2	SEAL
17	9040-1473	1	CLUTCH ASSEMBLY (554 4 speed)
	9020-1502	1	CLUTCH ASSEMBLY (552 4 speed)
18	9020-1491	1	CLUTCH PISTON
19	9020-1503	2	BEARING
20	9020-1504	1	GEAR and HUB
21	9020-1193	1	GEAR
22	9020-1501	1	BEARING (554 4 speed)
	9020-1188	1	BEARING (552 4 speed)



Item	Part No.	Qty.	Description Of Part
	9040-1475		OUTPUT GROUP
1	9040-1476	2	CUP BEARING
2	9040-1477	2	CONE BEARING
3	9040-1478	1	OUTPUT SHAFT
4	9020-1193	1	GEAR

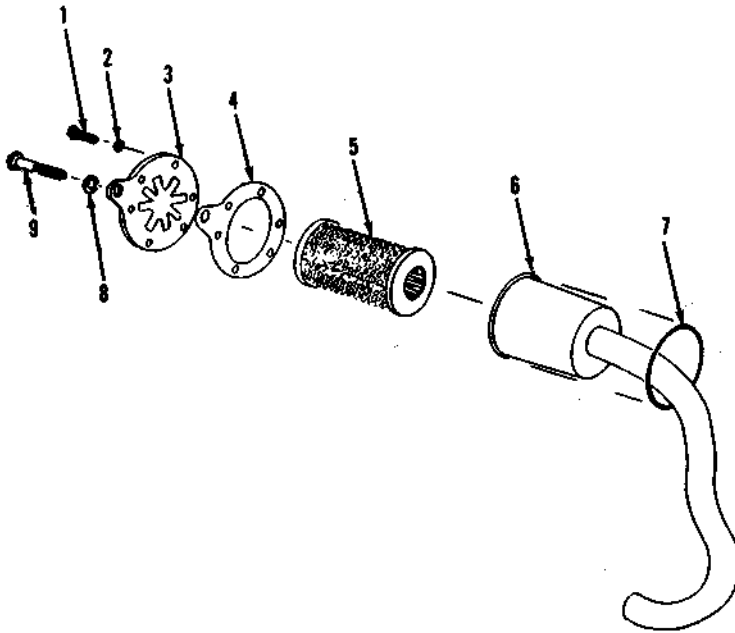


NOTE:

ITEM "1" USED FOR FRONT AND REAR YOKE ON ALL MODEL 554 EQUIPPED W/SOMA AXLES, REAR YOKE ONLY ON MODEL 554 EQUIPPED W/ROCKWELL AXLES.

ITEM "2" USED FOR FRONT FLANGE ONLY ON ALL MODEL 552 AND MODEL 554 EQUIPPED W/ROCKWELL AXLES.

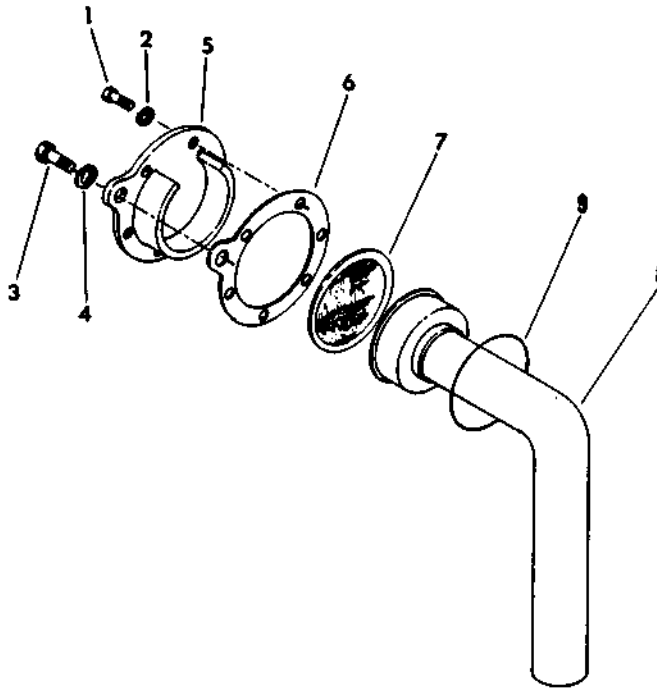
Item	Part No.	Qty.	Description Of Part
1	9020-1289	1	YOKE
2	9020-1295	1	YOKE and FLANGE
3	9020-1290	1	"O" RING
4	9040-1489	1	RETAINER PLATE
5	9040-1490	1	CAPSCREW
6	9020-1291	2	RETAINER PLATE
7	9020-1292	2	CAPSCREW



Item	Part No.	Qty.	Description Of Part
	9020-1206		SUMP TUBE ASSEMBLY
1	9020-1213	6	CAPSCREW
2	9020-1214	6	LOCKWASHER
3	9020-1210	1	COVER
4	9020-1211	1	GASKET
5	9020-1209	1	ELEMENT
6	9020-1207	1	OIL STRAINER
7	9020-1208	1	"O" RING
8	9020-1140	1	LOCKWASHER
9	9020-1212	1	CAPSCREW

SUMP TUBE

MODEL 554 W/ S/N 342 AND UP, AND ALL MODEL 552 W/ FUNK TRANSMISSIONS

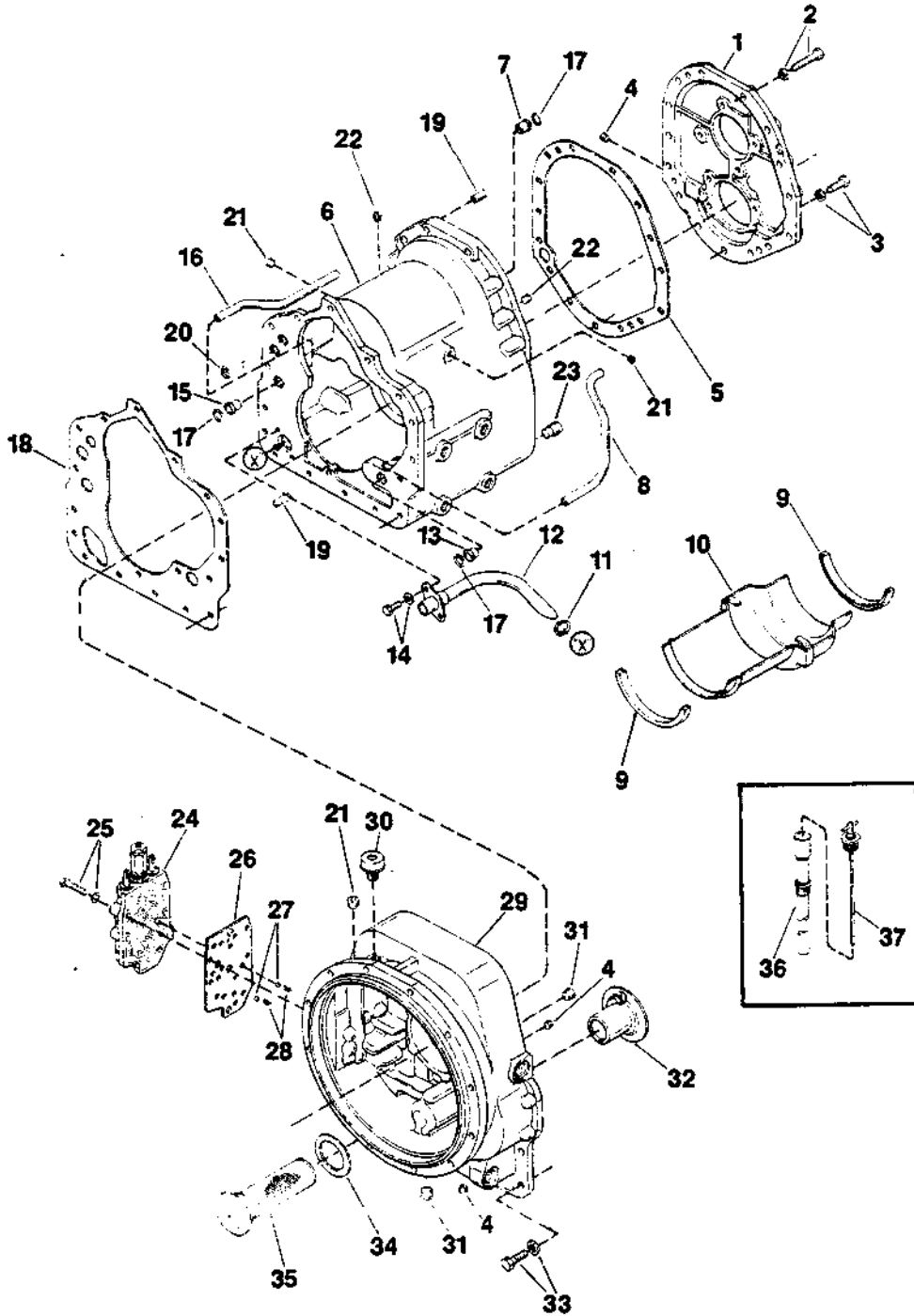


KEY:

- A - 401-430 SUMP TUBE & OIL STRAINER ASSEMBLY - Model 554 S/N 342 & up
- B - 201-535 SUMP TUBE & OIL STRAINER ASSEMBLY - Model 552

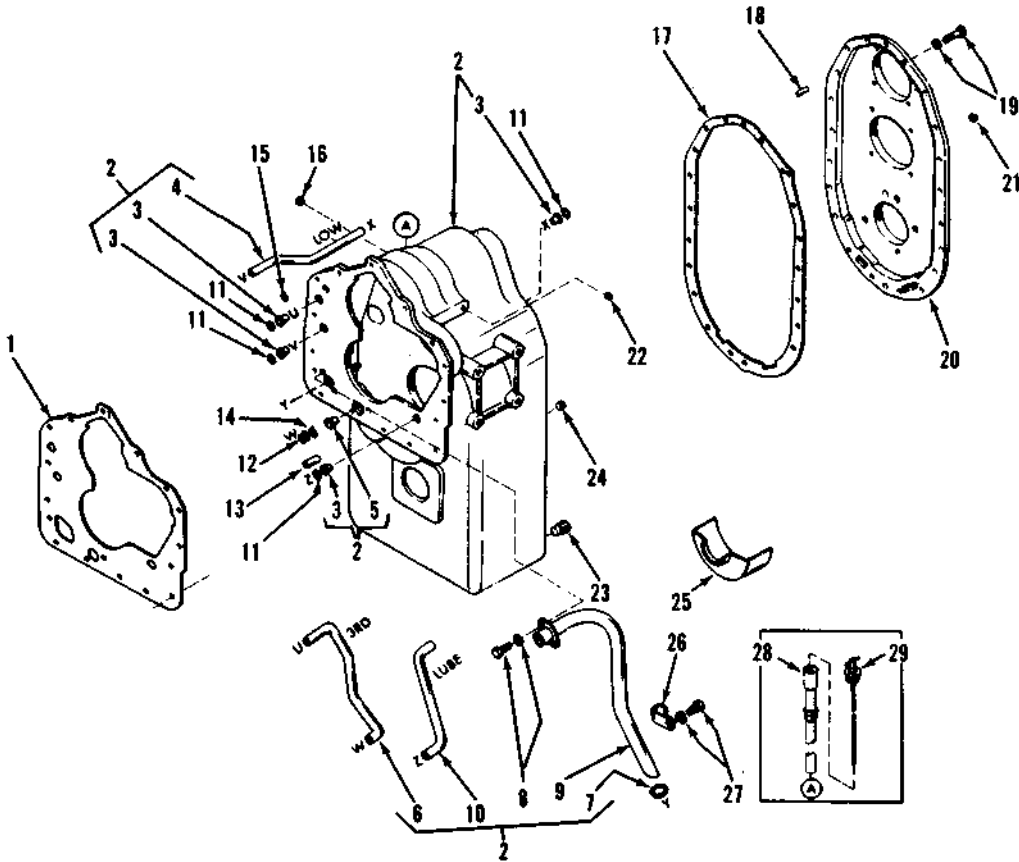
REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	201-212	BOLT	1	1
2	201-140	WASHER, lock	1	1
3	201-213	BOLT	6	6
4	201-214	WASHER, lock	6	6
5	401-431	COVER ASSEMBLY	1	1
6	201-211	GASKET	1	1
7	201-462	SCREEN	1	1
8	401-429	TUBE, sump	1	-
	201-461	TUBE, sump	-	1
9	201-200	"O" RING	1	1

CASE and CONVERTER HOUSINGS
MODEL 552 W/ CLARK TRANSMISSIONS



Item	Part No.	Qty.	Description Of Part
1	9020-4798	1	REAR COVER and PLUG ASSY
2	8820-1053	9	HEX HD CAPSCREW, 7/16-14 x 1 3/4 Gr 5
	9002-8636	9	LOCKWASHER, 7/16
3	8820-1051	6	HEX HD CAPSCREW, 7/16-14 x 1 1/4 Gr 5
	9002-8636	6	LOCKWASHER, 7/16
4	8871-1284	3	HEX SCKT. PIPE PLUG, 3/4
5	9020-4802	1	GASKET, (cover to case)
6	9020-4817	1	TRANSMISSION CASE ASSEMBLY (includes items 7 thru 16)
7	7710-4109	1	TUBE SLEEVE
8	9020-4804	1	CLUTCH LUBE TUBE
9	9020-4806	2	OIL BAFFLE SEAL
10	9020-4807	1	OIL BAFFLE
11	8859-1023	1	"O" RING
12	9020-4809	1	SUCTION TUBE ASSEMBLY
13	9020-4810	1	TUBE SLEEVE
14	8820-1017	2	HEX HD CAPSCREW, 5/16-18x5/8 Gr 5
	8855-1010	2	LOCKWASHER, 5/16
15	7710-4109	1	TUBE SLEEVE
16	7710-4110	1	TUBE (low speed clutch)
17	8859-1016	3	"O" RING
18	7710-4098	1	GASKET
19	7710-4113	3	DOWEL PIN
20	8859-1011	2	"O" RING
21	8871-1281	3	HEX SCKT. PIPE PLUG, 1/4"
22	8871-1282	1	HEX SCKT. PIPE PLUG, 3/8
23	7710-4119	1	MAGNETIC DRAIN PLUG
24	7710-4271	1	CONTROL VALVE (552 pg. 6-32)
	9020-4954	1	CONTROL VALVE (554 pg. 6-32)
25	8820-1046	9	HEX HD CAPSCREW, 3/8-16 x 3 3/4 Gr 5
	8855-1011	9	LOCKWASHER, 3/8
26	7710-4283	1	GASKET
27	7710-4284	2	DETENT BALL
28	9020-4792	2	DETENT SPRING
29	9020-4795	1	CONVERTER HOUSING
30	9020-4794	1	AIR BREATHER
31	9002-7267	2	PIPE PLUG, 1/2" x 14 NPTF
32	9020-4796	1	CONVERTER HOUSING SLEEVE
33	8820-1051	16	HEX HD CAPSCREW, 7/16-14 x 1 1/4 Gr 5
	9002-8636	16	LOCKWASHER, 7/16
34	9020-4799	1	SCREEN GASKET
35	9020-4800	1	SCREEN ASSEMBLY
36	9020-4823	1	DIPSTICK TUBE ASSEMBLY
37	9020-4824	1	DIPSTICK

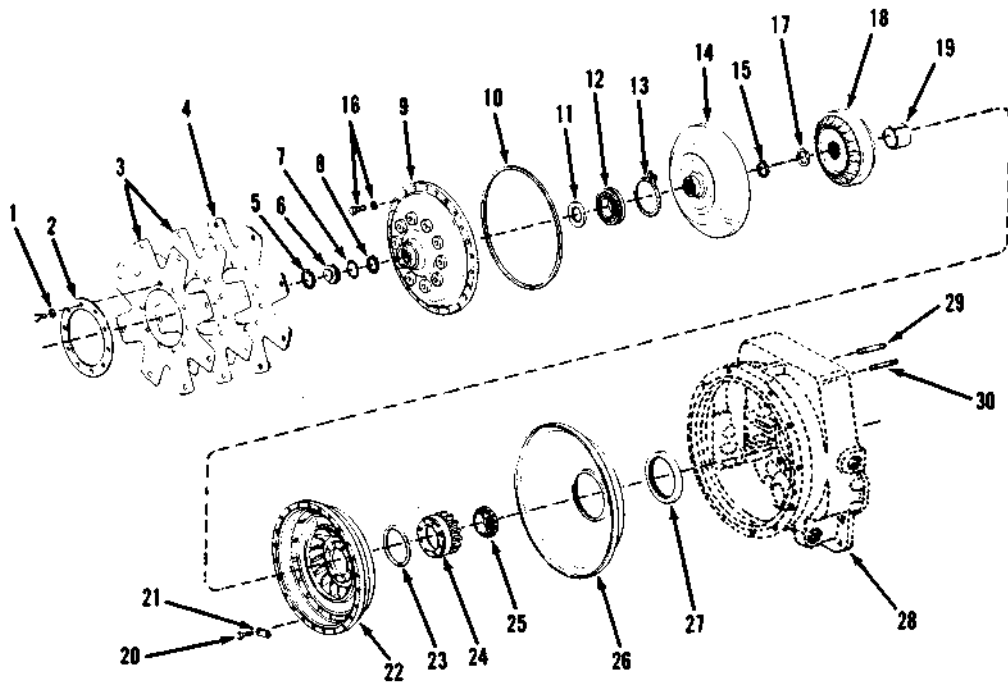
NOTE: CONVERTER HOUSING PARTS SHOWN
HERE ARE ALSO USED ON ALL MODEL
554 W/ CLARK TRANSMISSIONS.



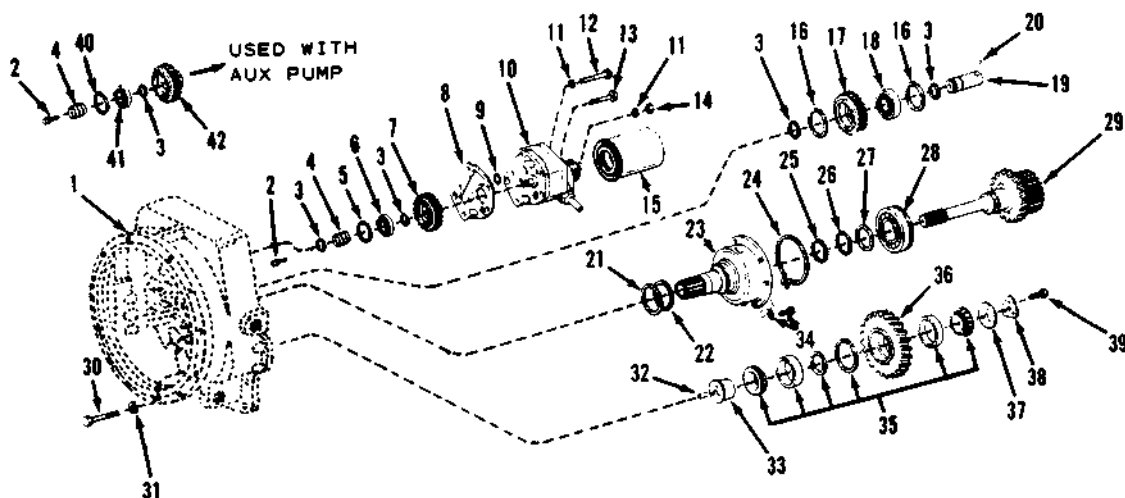
Item	Part No.	Qty.	Description Of Part
1	7710-4098	1	GASKET (hsg. to case)
2	9020-4808	1	CASE ASSEMBLY (consists of items 3 thru 10)
3	7710-4109	4	TUBE SLEEVE
4	7710-4110	1	LOW CLUTCH PRESSURE TUBE
5	7710-4107	1	TUBE SLEEVE
6	7710-4100	1	3RD SPEED TUBE
7	8859-1023	1	"O" RING (suction line)
8	8820-1017	1	HEX HD CAPSCREW 5/16-18x5/8 Gr 5
	8855-1010	1	LOCKWASHER, 5/16
9	7710-4104	1	SUCTION TUBE
10	7710-4101	1	CLUTCH LUBE TUBE
11	8859-1016	4	"O" RING
12	7710-4108	1	3RD SPEED PRESSURE PLUG
13	7710-4113	1	DOWEL PIN
14	8859-1023	1	"O" RING
15	8859-1011	1	"O" RING
16	8871-1281	1	HEX SCKT. PIPE PLUG, 1/4
17	7710-4114	1	GASKET (rear cover to case)
18	7710-4113	2	DOWEL PIN
19	8820-1052	20	HEX HD CAPSCREW 7/16-14x1 1/2 Gr 5
	9002-8636	20	LOCKWASHER
20	7710-4115	1	REAR COVER (includes item 21)
21	8871-1284	1	HEX SCKT PIPE PLUG, 3/4

Item	Part No.	Qty.	Description Of Part
22	8871-1281	1	HEX SCKT. PIPE PLUG, 1/4"
23	7710-4119	1	MAGNETC DRAIN PLUG
24	8871-1284	1	HEX SCKT. PIPE PLUG, 3/4"
25	9020-4816	1	OIL BAFFLE
26	9020-5051	1	SUCTION TUBE CLIP
27	8820-1048	1	HEX HD CAPSCREW, 7/16-14x3/4 Gr 5
	9002-8636	1	LOCKWASHER
28	7710-4095	1	DIPSTICK TUBE
29	7710-4094	1	DIPSTICK

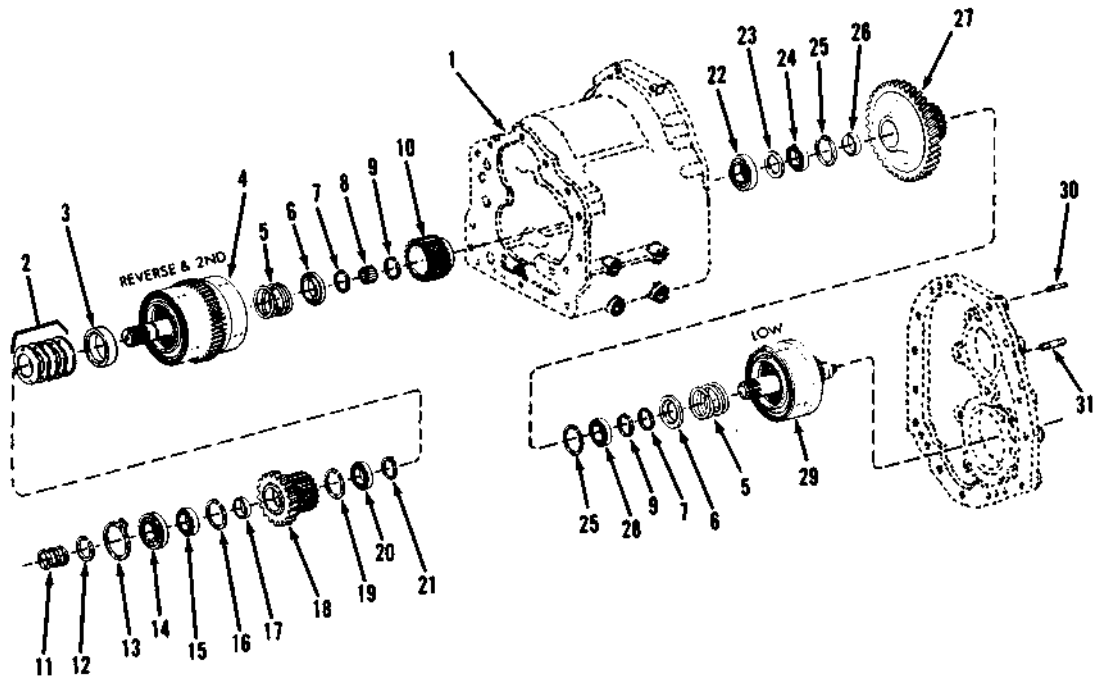
NOTE: FOR CONVERTER HOUSING PARTS
SEE CASE AND CONVERTER HOUSINGS
FOR ALL MODEL 552 WITH CLARK
TRANSMISSIONS.



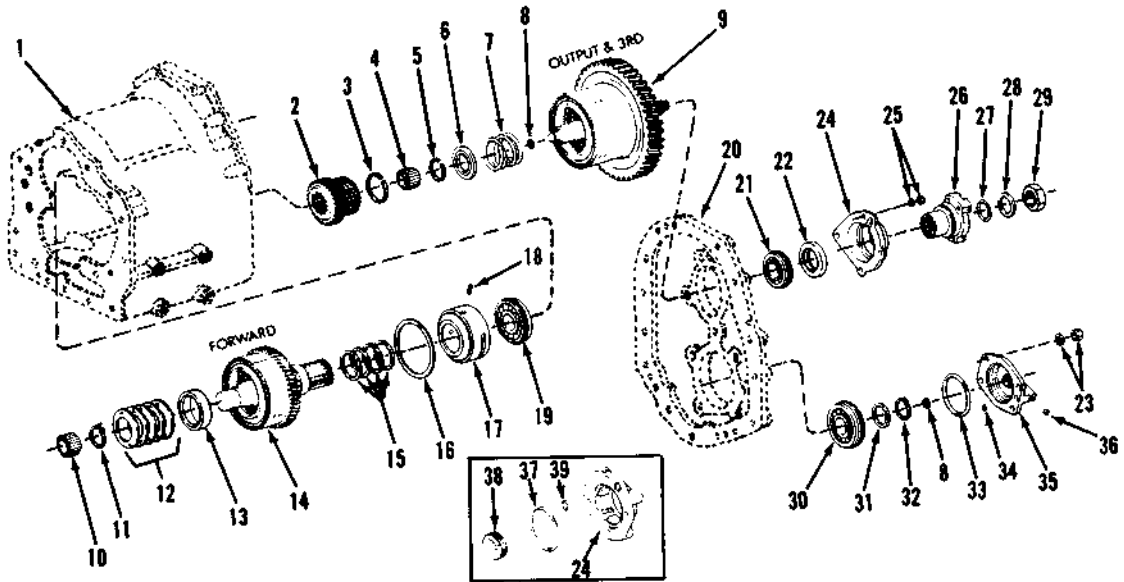
Item	Part No.	Qty.	Description Of Part
1	8820-1033	10	HEX HD CAPSCREW, 3/8-16x3/4 Gr 5
	8855-1011	10	LOCKWASHER, 3/8
2	9020-4785	1	DRIVE PLATE BACKING RING
3	7710-4043	2	DRIVE PLATE
4	9020-4783	1	DRIVE PLATE ASSEMBLY
5	9020-4782	1	BORE PLUG RETAINING RING
6	7710-4040	1	BORE PLUG
7	7710-4039	1	"O" RING
8	9020-4773	1	TURBINE RETAINING RING
9	9020-4779	1	IMPELLER COVER
10	7710-4037	1	"O" RING
11	7710-4036	1	BEARING RETAINING WASHER
12	7710-4035	1	TURBINE HUB BEARING
13	7710-4034	1	BEARING LOCATING RING
14	9020-4774	1	TURBINE
15	9020-4773	1	TURBINE RETAINING RING
16	7710-4046	24	BOLT (impeller to cover)
		24	LOCKWASHER
17	7710-4031	1	RETAINING RING
18	9020-4770	1	REACTION MEMBER
19	8307-4013	1	SPACER (impeller to hub bearing)
20	8820-1532	8	HEX HD CAPSCREW, 3/8-24x3/4 Gr 5
21	7710-4027	4	LOCK TAB (item 20 to impeller)
22	7710-4026	1	IMPELLER
23	7710-4012	1	"O" RING
24	9020-4764	1	IMPELLER HUB GEAR
25	7710-4014	1	IMPELLER GEAR BEARING
26	9020-4756	1	OIL BAFFLE ASSEMBLY
27	9020-4755	1	OIL SEAL
28	9020-4795	1	CONVERTER HOUSING
29	9020-4754	1	PUMP MOUNTING STUD
30	9020-4753	1	PUMP MOUNTING STUD



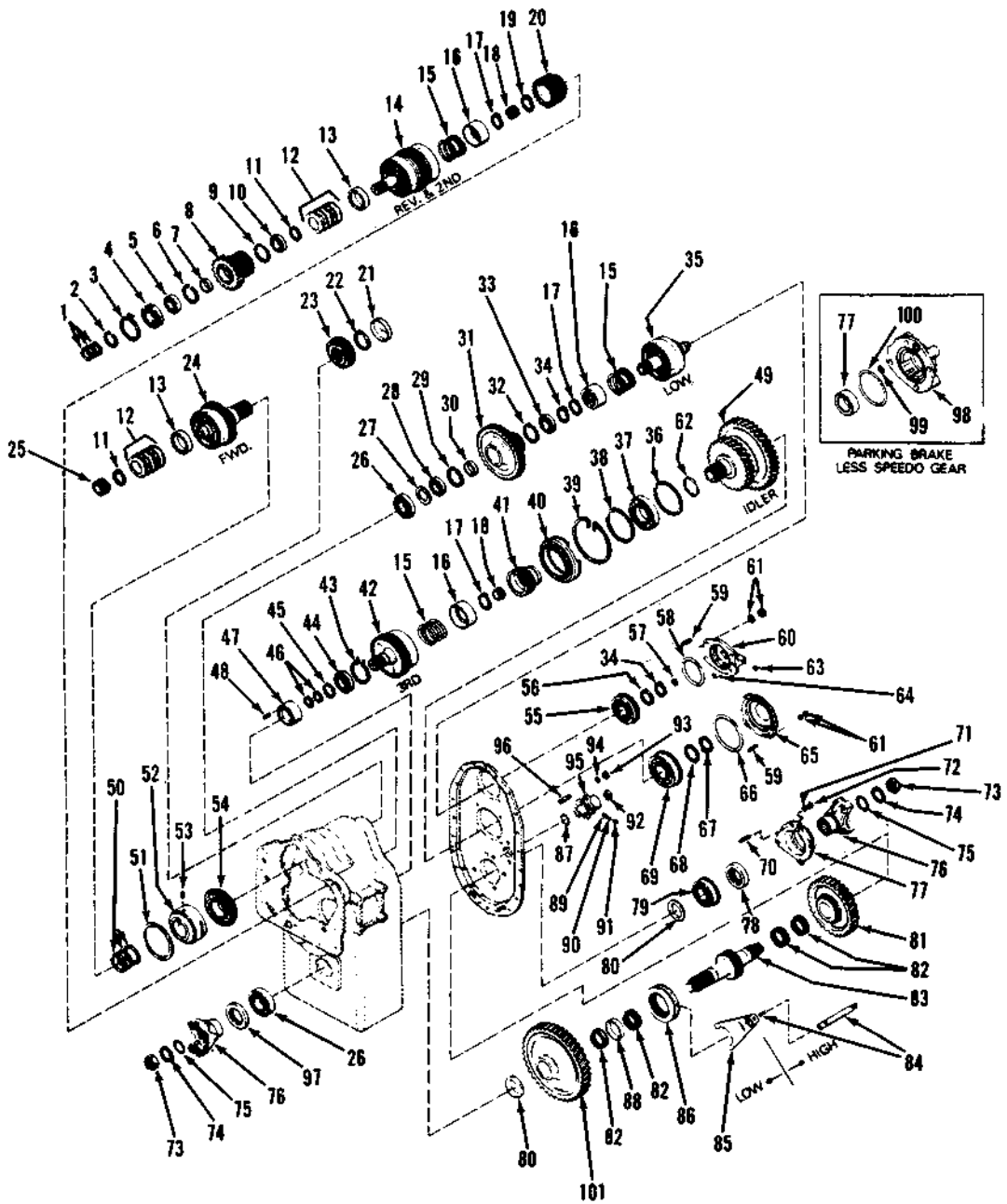
Item	Part No.	Qty.	Description Of Part
1	9020-4795	1	CONVERTER HOUSING
2	8820-1036	AR	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
	8855-1011	AR	LOCKWASHER, 3/8
3	9020-4733	AR	BEARING LOCATING RING
4	9020-4734	AR	PUMP DRIVE BEARING SUPPORT
5	9020-4735	1	BEARING RETAINING RING
6	9020-4793	1	PUMP DRIVE GEAR BEARING
7	9020-4737	1	PUMP DRIVE GEAR
8	9020-4730	1	GASKET
9	7710-4048	1	O-RING
10	9020-4731	1	CHARGE PUMP ASSY
11	9002-8636	AR	LOCKWASHER
12	9002-8641	1	HEX HD CAPSCREW, 7/16-14X4-1/2, GR5
13	8820-1062	2	HEX HD CAPSCREW, 7/16-14X4, GR5
14	8850-1307	2	HEX NUT, 7/16-20
15	9020-4732	1	FILTER
16	7710-4181	2	BEARING RETAINING RING
17	9020-4740	1	IDLER GEAR (pump drive)
18	9020-4741	1	IDLER STUB SHAFT BEARING
19	9020-4738	1	IDLER GEAR SHAFT
20	9020-5047	1	LOCK BALL
21	7710-4015	1	PISTON RING
22	7710-4016	1	PISTON RING EXPANDER SPRING
23	9020-4750	1	STATOR SUPPORT
24	9020-4749	1	SNAP RING
25	9020-4748	1	PISTON RING
26	7710-4164	1	BEARING RETAINING RING
27	7710-4197	1	BEARING LOCATING WASHER
28	9020-4745	1	TURBINE SHAFT BEARING
29	9020-4744	1	TURBINE SHAFT & DISC HUB ASSY
30	8820-1051	16	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5
31	9002-8636	16	LOCKWASHER, 7/16
32	7710-4253	1	IDLER SHAFT PIN
33	9020-4760	1	REVERSE IDLER SHAFT
34	8820-1035	6	HEX HD CAPSCREW, 3/8-16X1, GR5
	8855-1011	6	LOCKWASHER, 3/8
35	9020-4758	1	BEARING ASSY (reverse idler gear, includes item 36)
36	9020-4757	1	REVERSE IDLER GEAR
37	7710-4257	1	BEARING RETAINING PLATE
38	7710-4258	1	LOCKPLATE
39	8820-1057	3	HEX HD CAPSCREW, 7/16-14X2-3/4, GR5
40	9020-4787	1	BEARING RETAINING RING
41	9020-4788	1	AUXILIARY PUMP GEAR BEARING
42	9020-4790	1	AUXILIARY PUMP DRIVE GEAR



Item	Part No.	Qty.	Description Of Part
1	9020-4817	1	TRANSMISSION CASE ASSEMBLY
2	7710-4208	5	PISTON RETURN SPRING (Belleville)
3	7710-4208	1	RETURN SPRING SPACER
4	9020-4944	1	REVERSE, 2ND SHAFT, DRUM & PLUG ASSY. (see page 6-7)
5	7710-4187	1	PISTON RETURN SPRING
6	7710-4186	2	SPRING RETAINER
7	7710-4185	2	SNAP RING
8	7710-4231	1	REVERSE & 2ND SHAFT BEARING
9	7710-4184	2	RETAINING RING
10	9020-4855	1	2ND CLUTCH DISC HUB
11	7710-4219	3	PISTON RING (reverse & 2nd shaft piston)
12	7710-4220	1	RETAINING RING
13	7710-4221	1	SNAP RING
14	9020-4834	1	BEARING (reverse & 2nd shaft)
15	9020-4893	1	CLUTCH DRIVEN GEAR BEARING
16	7710-4224	1	RETAINING RING
17	7710-4225	1	SPACER
18	7710-4226	1	REVERSE CLUTCH GEAR & HUB ASSEMBLY
19	7710-4224	1	RETAINING RING
20	9020-4899	1	CLUTCH DRIVEN GEAR BEARING
21	7710-4206	1	SNAP RING
22	9020-4865	1	LOW SPEED SHAFT BEARING (front)
23	9020-4869	1	SPACER
24	9020-4871	1	LOW SPEED GEAR BEARING
25	9020-4739	2	LOCATING RING
26	9020-4872	1	SPACER
27	9020-4874	1	LOW GEAR & HUB ASSY.
28	9020-4871	1	LOW SPEED GEAR BEARING
29	9020-4935	1	LOW CLUTCH DRUM & BLEED VALVE ASSY. (see page 6-7)
30	9020-4858	4	OUTPUT BEARING CAP STUD (rear)
31	9020-4856	4	BEARING CAP STUD



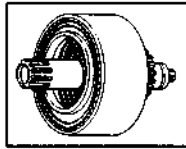
Item	Part No.	Qty.	Description Of Part
1	9020-4817	1	TRANSMISSION CASE ASSEMBLY
2	9020-4866	1	3RD GEAR & HUB ASSEMBLY
3	9020-4864	1	RETAINING RING
4	9020-4862	1	PILOT BEARING
5	7710-4185	1	SNAP RING
6	7710-4186	1	SPRING RETAINER
7	9020-4849	1	PISTON RETURN SPRING
8	7710-4198	1	PISTON RING
9	9020-4942	1	OUTPUT SHAFT & 3RD CLUTCH ASSY
10	7710-4205	1	SHAFT PILOT BEARING (fwd.)
11	7710-4206	1	SNAP RING
12	7710-4207	5	PISTON RETURN SPRING (Belleville)
13	7710-4208	1	SPACER
14	9020-4939	1	FORWARD SHAFT DRUM & PLUG ASSY.
15	7710-4211	4	PISTON RING
16	9020-4880	1	RETAINER RING
17	7710-4213	1	PISTON RING SLEEVE
18	7710-4214	1	ROLL PIN
19	9020-4874	1	FORWARD SHAFT BEARING (rear)
20	9020-4798	1	COVER & PLUG ASSY. (rear)
21	9020-4829	1	OUTPUT SHAFT BEARING (rear)
22	9020-4831	1	OIL SEAL (rear bearing cap)
23	9002-8643	4	HEX NUT, 7/16 NF
	9002-8636	4	LOCKWASHER, 7/16
24	7710-4178	1	CAP
25	9002-8644	4	HEX NUT, 7/16 NF
	9002-8637	4	LOCKWASHER, 9/16
26	9020-6396	1	OUTPUT FLANGE
27	8859-1025	1	"O" RING
28	7710-4088	1	FLANGE WASHER
29	9020-4840	1	FLANGE NUT
30	9020-4842	1	LOW SPEED SHAFT BEARING (rear)
31	7710-4197	1	REAR BRG. SUPPORT WASHER
32	7710-4184	1	RETAINING RING
33	9002-3247	1	"O" RING
34	8859-1008	1	"O" RING
35	9020-4851	1	REAR BEARING CAP & PLUG ASSEMBLY
36	7710-4201	1	PIPE PLUG
37	9002-3241	AR	"O" RING
38	9020-4901	AR	FLANGE SPACER
39	8859-1013	AR	"O" RING



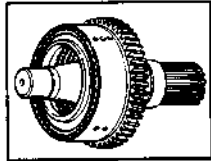
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	7710-4219	3	PISTON RING (reverse and 2nd shaft)	43	7710-4236	1	LOCATING RING (3rd clutch shaft front bearing)
2	7710-4220	1	RETAINING RING (frt. bearing)	44	7710-4180	1	3RD CLUTCH SHAFT FRONT BEARING
3	7710-4221	1	SNAP RING (frt. bearing)	45	7710-4235	1	RETAINING RING (3rd clutch shaft front bearing)
4	9020-4834	1	FRONT BEARING (reverse & 2nd shaft)	46	7710-4219	1	PISTON RING (3rd clutch shaft)
5	9020-4893	1	CLUTCH DRIVEN GEAR BRG.	47	7710-4234	1	PISTON RING OUTER RACE
6	9020-4836	1	BEARING RETAINING RING	48	7710-4233	1	OUTER RACE ROLL PIN
7	7710-4225	1	BEARING SPACER	49	9020-7708	1	IDLER SHAFT and GEAR
8	9020-4838	1	REVERSE CLUTCH GEAR and HUB ASSEMBLY	50	9020-4898	3	FWD. SHAFT PISTON RING
9	7710-4224	1	BEARING RETAINING RING	51	9020-4880	1	RETAINER RING (piston ring sleeve)
10	9020-4899	1	CLUTCH DRIVEN GEAR BRG.	52	7710-4213	1	PISTON RING SLEEVE
11	7710-4206	2	SNAP RING (spring retainer)	53	7710-4214	1	SLEEVE ROLL PIN
12	9020-4886	10	PISTON RETURN SPRING	54	9020-4874	1	FWD. SHAFT REAR BEARING
13	7710-4208	2	SPRING SPACER	55	9020-4842	1	LOW SPEED SHAFT REAR BEARING
14	9020-4944	1	REVERSE & 2ND DRUM and PLUG ASSEMBLY	56	7710-4197	1	REAR BEARING SUPPORT WASHER
15	9020-4849	3	PISTON RETURN SPRING	57	9020-4861	1	LOW SHAFT PISTON RING
16	9020-4850	3	SPRING RETAINER	58	9002-3247	1	"O" RING
17	7710-4185	3	SNAP RING	59	9020-4856	8	BEARING CAP STUD
18	7710-4231	2	BEARING (reverse & 2nd shaft (rear) and 3rd clutch shaft pilot)				
19	7710-4184	1	SNAP RING (2nd clutch disc hub)				
20	9020-4855	1	2ND CLUTCH DISC HUB				
21	7710-4218	1	BORE PLUG				
22	7710-4217	1	SNAP RING (gear retaining)				
23	7710-4216	1	FORWARD SHAFT GEAR				
24	9020-4939	1	FORWARD SHAFT, DRUM and PLUG ASSEMBLY				
25	7710-4205	1	FWD. SHAFT PILOT BEARING				
26	9020-4865	2	BEARING (low speed clutch(front) & output shaft)				
27	9020-4867	1	FRONT BEARING SPACER				
28	7710-4180	1	LOW SPEED GEAR BEARING				
29	7710-4181	1	BEARING LOCATING RING				
30	7710-4182	1	GEAR SPACER				
31	7710-4215	1	LOW SHAFT GEAR & HUB ASSY.				
32	7710-4181	1	BEARING LOCATING RING (low speed)				
33	7710-4180	1	LOW SPEED GEAR BEARING				
34	7710-4184	2	RETAINING RING				
35	9020-4935	1	LOW CLUTCH DRUM and BLEED VALVE ASSEMBLY				
36	9020-4875	1	BEARING LOCATING RING				
37	7710-4242	1	BEARING (3rd clutch disc hub)				
38	9020-4879	1	BEARING LOCATING RING				
39	7710-4240	1	BEARING CARRIER LOCATING RING				
40	7710-4239	1	BEARING CARRIER				
41	7710-4238	1	3RD CLUTCH DISC HUB				
42	7710-4237	1	3RD CLUTCH SHAFT, DRUM & HUB & PLUG ASSEMBLY				

Item	Part No.	Qty.	Description Of Part
60	7710-4200	1	BEARING CAP
61	9002-8636	8	LOCKWASHER
	9002-8643	8	NUT
62	9020-4873	1	BEARING RETAINING RING
63	7710-4201	1	BEARING CAP PLUG
64	8859-1008	1	"O" RING
65	7710-4249	1	IDLER SHAFT REAR BRG. CAP
66	9002-3252	1	"O" RING
67	7710-4247	1	RETAINING RING (idler shaft rear bearing)
68	7710-4246	1	BEARING SUPPORT WASHER
69	7710-4245	1	IDLER SHAFT REAR BEARING
70	9020-4858	4	STUD
71	9002-8637	4	LOCKWASHER
72	9002-8644	4	NUT
73	7710-4135	2	FLANGE NUT
74	7710-4136	2	FLANGE WASHER
75	8859-1028	2	"O" RING
76	9020-4909	2	OUTPUT FLANGE
77	7710-4176	1	BEARING TO FLANGE SPACER
78	7710-4175	1	OIL SEAL (rear bearing cap)
79	7710-4174	1	OUTPUT SHAFT REAR BEARING
80	7710-4159	2	THRUST WASHER
81	7710-4168	1	HIGH RANGE GEAR
82	7710-4161	4	BEARING (2 high & 2 low)
83	9020-4915	1	OUTPUT SHAFT
84	7710-4169	1	HIGH & LOW SHIFT RAIL
85	7710-4170	1	SHIFT FORK
86	7710-4163	1	RANGE SHIFT HUB
87	8859-1025	1	"O" RING
88	7710-4162	1	BEARING SPACER
89	9020-4922	1	MESH LOCK SPRING
90	7710-4148	1	MESH LOCK BALL
91	9002-7265	1	HOUSING DETENT PLUG
92	7710-4146	1	SHIFT RAIL OIL SEAL
93	8850-1306	2	HOUSING STUD NUT
94	8855-1011	2	LOCKWASHER, 3/8
95	9020-4924	1	HIGH & LOW SHIFT RAIL SUPPORT
96	9020-4925	2	STUD
97	7710-4139	1	OIL SEAL
98	7710-4178	1	BEARING CAP
99	8859-1013	1	"O" RING
100	9002-3241	1	"O" RING
101	7710-4159	1	LOW RANGE GEAR

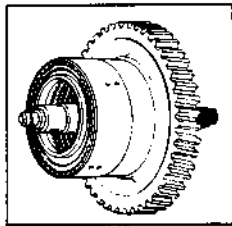
**18000 SERIES 3 SPEED
 CLUTCH ASSEMBLY**



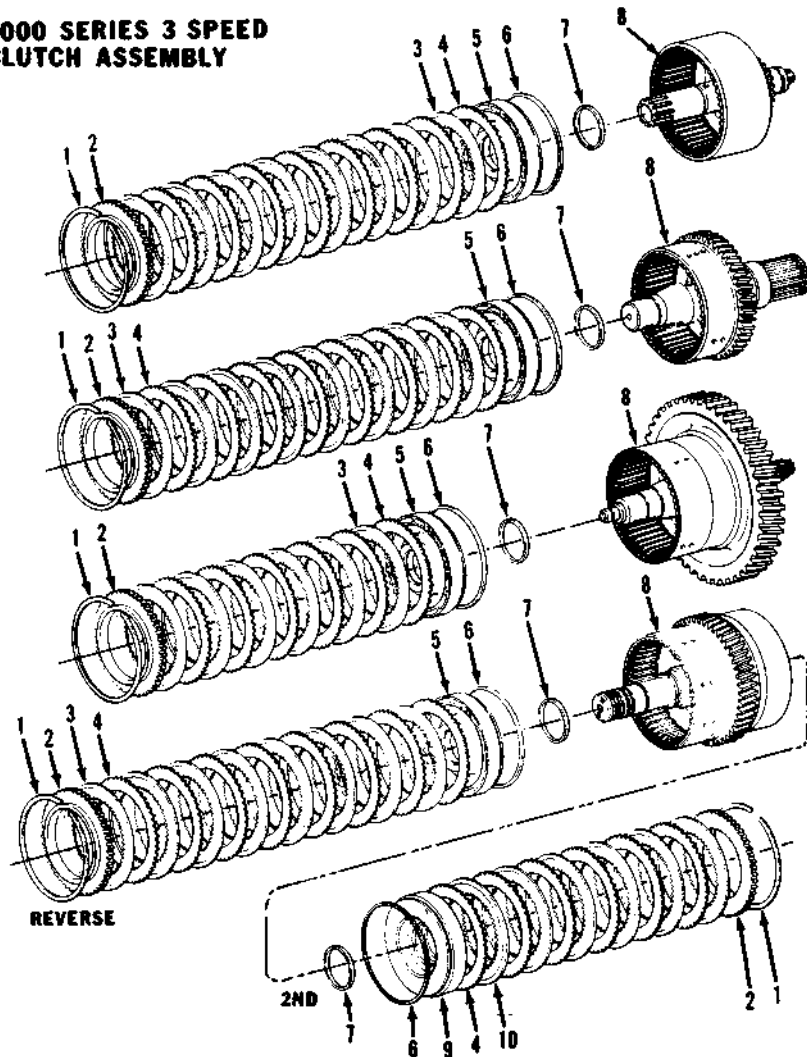
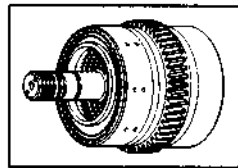
LOW



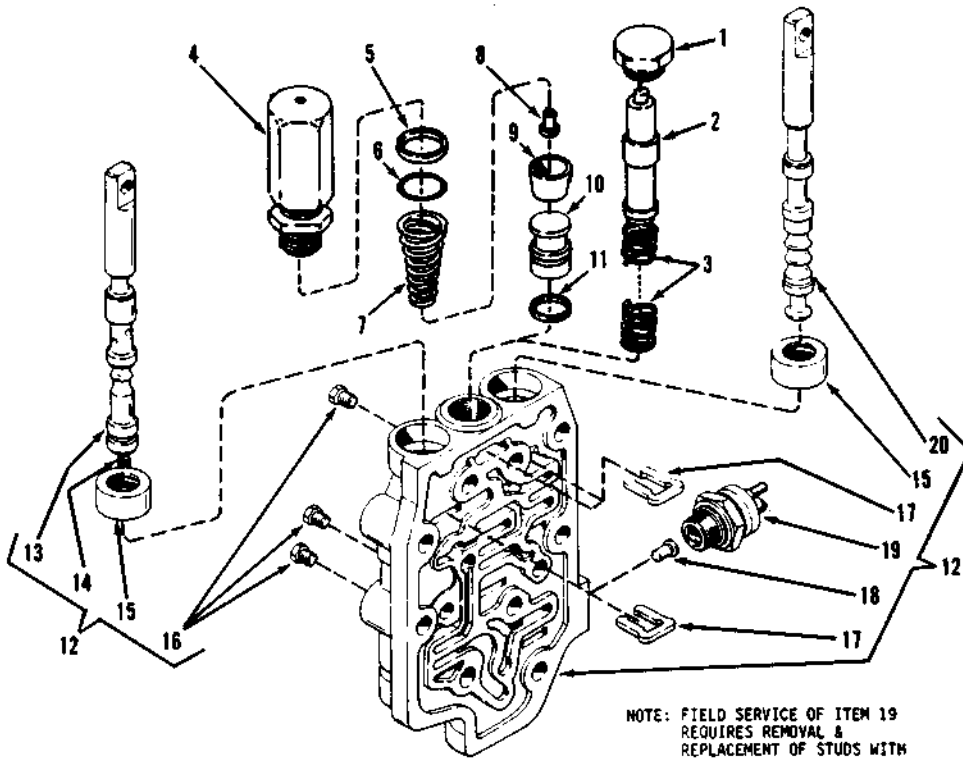
FORWARD



3RD



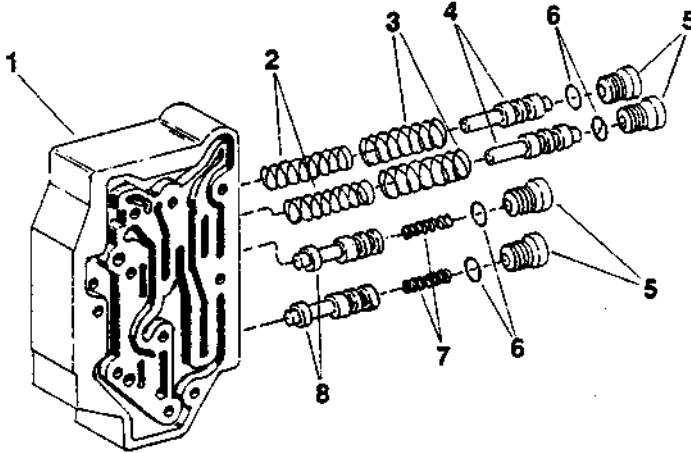
Item	Part No.	Qty.	Description Of Part
1	7710-4188	5	SNAP RING
2	7710-4189	5	CLUTCH DISC BACKING PLATE
3	7710-4190	1	INNER CLUTCH DISC (low)
	9020-4937	3	INNER CLUTCH DISC (forward 3rd, reverse, & 2nd)
4	7710-4191	5	OUTER CLUTCH DISC
5	7710-4192	1	CLUTCH PISTON (low)
	9020-4938	2	CLUTCH PISTON (forward and reverse & 2nd)
	9020-4941	1	CLUTCH PISTON (3rd)
6	7710-4193	5	OUTER CLUTCH PISTON RING
7	7710-4194	5	INNER CLUTCH PISTON SEAL
8	9020-4935	1	LOW CLUTCH, SHAFT DRUM & BLEED VALVE ASSY. (552)
	7710-4195	1	LOW CLUTCH, SHAFT DRUM & BLEED VALVE ASSY. (554)
	9020-4939	1	FORWARD SHAFT, DRUM & PLUG ASSEMBLY (552)
	7710-4210	1	FORWARD SHAFT, DRUM & PLUG ASSEMBLY (554)
	9020-4942	1	OUTPUT & 3RD CLUTCH SHAFT, DRUM & PLUG ASSY. (552)
	7710-4237	1	3RD CLUTCH SHAFT, DRUM & PLUG ASSEMBLY (554)
9	9020-4941	1	CLUTCH PISTON ASSEMBLY
10	9020-4937	1	INNER CLUTCH DISC



NOTE: FIELD SERVICE OF ITEM 19
 REQUIRES REMOVAL &
 REPLACEMENT OF STUDS WITH
 2 8998-1036 PAN HEAD
 SCREWS.

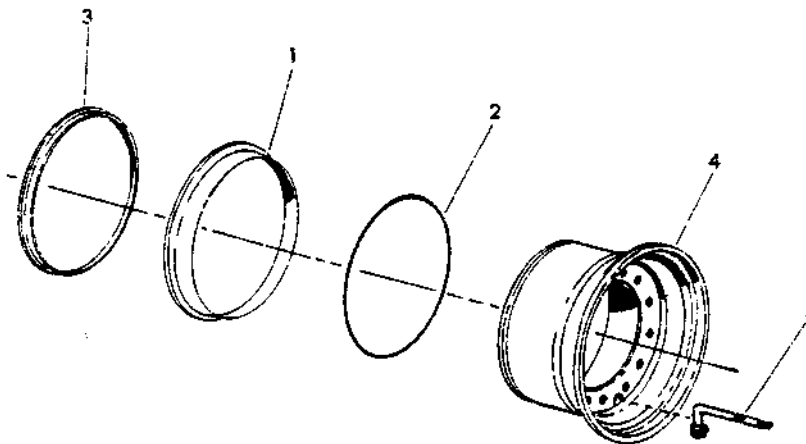
Item	Part No.	Qty.	Description Of Part
	7710-4271		CONTROL VALVE (552)(includes all items except 4 thru 11)
	9020-4954		CONTROL VALVE (554)(includes all items except item 1)
1	8866-2176	1	HEX HD PLUG (includes o ring)
	8859-1206	1	O RING
2	7710-4281	1	VALVE SPOOL
3	7710-4282	1	SPRING
4	9020-4956	1	HYDRAULIC ACTUATOR (consists of items 4 thru 11)
5	9020-4958	1	BAND SEAL
6	8859-1013	1	O RING
7	9020-4961	1	SPRING
8	9020-4963	1	SPRING RETAINER PIN
9	9020-4965	1	PISTON SEAL
10	9020-4967	1	INCHING PISTON
11	9020-4969	1	GLYD RING ASSY
12	7710-4272	1	VALVE HOUSING (includes items 17 thru 20)
13	7710-4273	1	SPEED SELECTOR SPOOL (includes item 14)
14	7710-4274	1	PLUG
15	7710-4275	2	OIL SEAL
16	7710-4008	3	PIPE PLUG
17	7710-4277	3	VALVE SPOOL STOP
18	7710-4279	1	NEUTRAL SWITCH ACTUATING PIN
19	7710-4278	1	NEUTRAL SWITCH
20	7710-4276	1	FORWARD & REVERSE SPOOL
21	7710-4284	2	DETENT BALL
22	7710-4285	2	DETENT SPRING
23	7710-4283	1	GASKET

MODULATOR (CONTROL) VALVE
FOR ALL CLARK TRANSMISSIONS



REF.	PART NO.	DESCRIPTION	REQ'D
-	204-990	VALVE, modulator.	1
1	NSS	• HOUSING, valve.	1
2	204-991	• SPRING, accumulator (inner)	2
3	204-992	• SPRING, accumulator (outer)	2
4	NSS	• VALVE	2
5	205-057	• PLUG, spool stop.	4
6	205-056	• "O" RING.	4
7	204-822	• SPRING, regulator	2
8	NSS	• SPOOL, regulator.	2
9	204-820	• GASKET, valve to housing (not illustrated).	1

WHEELS

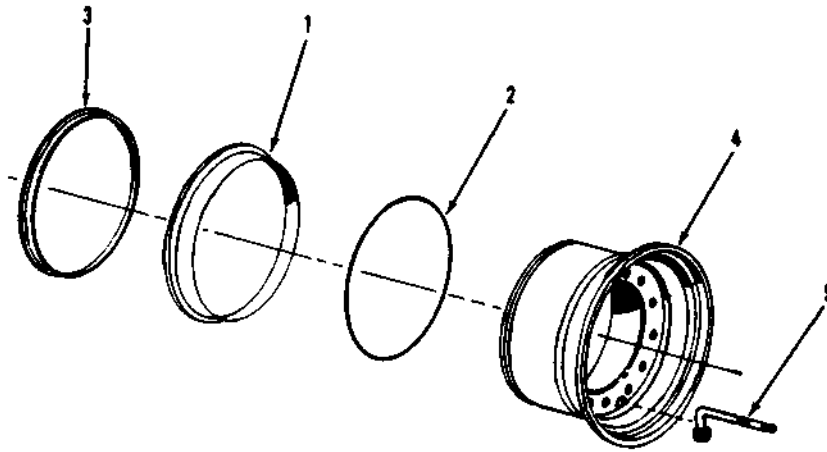


NOTE:
 A - MOUNT TIRE WITH MIXTURE OF
 193 LBS. OF CALCIUM CHLORIDE &
 39 GAL. OF WATER PER TIRE.
 INFLATE TO 85 PSI.

NOTE:
 B - MOUNT TIRE WITH MIXTURE OF
 243 LBS. OF CALCIUM CHLORIDE &
 48 GAL. OF WATER PER TIRE.
 INFLATE TO 50 PSI.

- KEY:**
- A - WHEEL ASSEMBLY, all model 554 before S/N 402 with 8 x 24 rims (Note A)
 - B - WHEEL ASSEMBLY, all model 554 with Rockwell axles and 10 x 24 rims (Note A)
 - C - WHEEL ASSEMBLY, all model 554 with Soma axles and 10 x 24 rims (Note A)
 - D - WHEEL ASSEMBLY, all model 554 with Rockwell axles and 14 x 25 rims (Note B)
 - E - WHEEL ASSEMBLY, all model 554 with Soma axles and 17.5 x 25 rims (Note B)

REF.	PART NO.	DESCRIPTION	REQ'D				
			A	B	C	D	E
1	200-526	RING, gutter.	1	-	-	-	-
	201-762	RING, gutter.	-	1	1	-	-
		RING, gutter 9102-4007	-	-	-	1	1
2	200-561	"O" RING.	1	1	1	-	-
	201-441	"O" RING.	-	-	-	1	1
3	401-491	RING, lock.	1	-	-	-	-
	201-761	RING, lock.	-	1	1	-	-
	201-766	RING, lock.	-	-	-	1	1
4	201-676	WHEEL	1	-	-	-	-
	201-760	WHEEL	-	1	-	-	-
	201-765	WHEEL	-	-	1	-	-
	201-675	WHEEL	-	-	-	1	-
	204-073	WHEEL	-	-	-	-	1
5	200-339	VALVE, air-liquid	1	1	1	-	-
	201-452	VALVE, air-liquid	-	-	-	1	1



NOTE: DIFFERENTIATION BETWEEN RIGHT & LEFT TIRE ASSY IS TO MAINTAIN CORRECT TREAD PATTERN.

STANDARD TIRES

FLOTATION TIRES

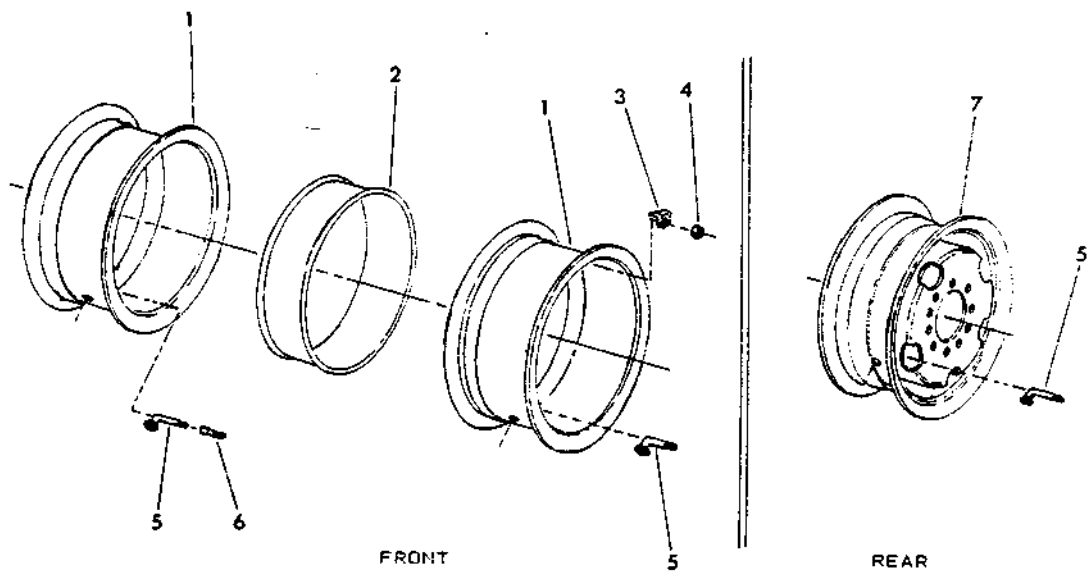
NOTE: MOUNT TIRE WITH MIXTURE OF 193 LBS. OF CALCIUM CHLORIDE & 39 GAL. OF WATER PER TIRE. INFLATE TO 85 P.S.I.

NOTE: MOUNT TIRE WITH MIXTURE OF 243 LBS. OF CALCIUM CHLORIDE & 48 GAL. OF WATER PER TIRE. INFLATE TO 85 P.S.I.

Item	Part No.	Qty.	Description Of Part
	9102-5078	Ref	RIGHT WHEEL ASSY (includes all items)
	9102-5079	Ref	LEFT WHEEL ASSY (includes all items)
1	9020-1762	1	GUTTER RING
2	9020-0561	1	O RING
3	9020-1761	1	LOCK RING
4	9102-3078	1	RIM
5	9020-0339	1	VALVE (air/liquid)
6	9060-0894	1	TIRE (not illustrated)

Item	Part No.	Qty.	Description Of Part
	9102-5080	Ref	RIGHT WHEEL ASSY (includes all items)
	9102-5081	Ref	LEFT WHEEL ASSY (includes all items)
1	9020-1440	1	GUTTER RING
2	9020-1441	1	O RING
3	9020-1766	1	LOCK RING
4	9102-3110	1	RIM
5	9020-1452	1	VALVE (air/liquid)
6	9060-1439	1	TIRE (not illustrated)

WHEELS
ALL MODEL 552

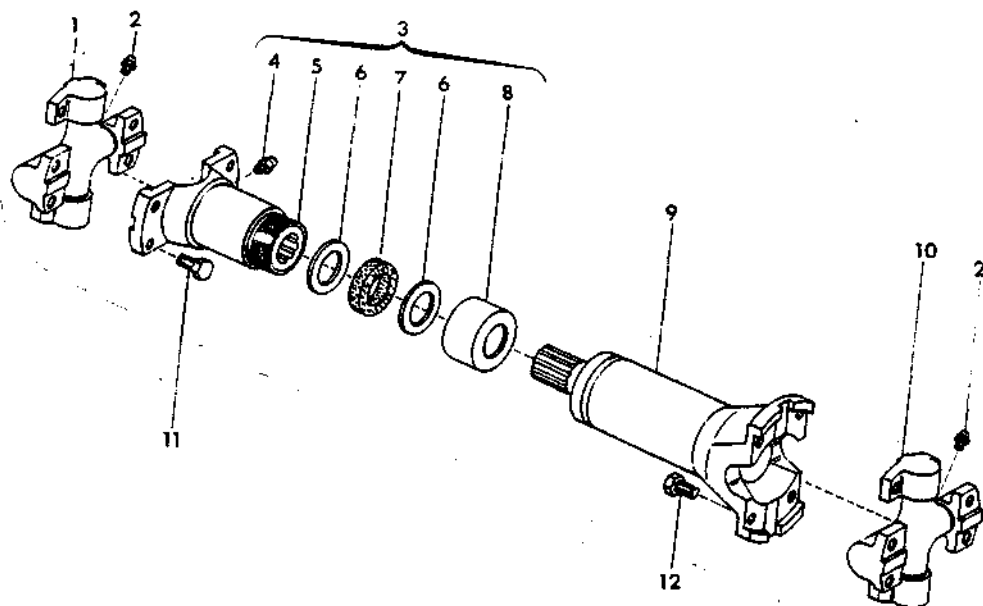


KEY:

- A - Model 552 with Rockwell axles
- B - Model 552 with Soma axles

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	200-647	WHEEL, front.	4	4
2	200-646	SPACER.	2	-
	403-237	SPACER.	-	2
3	200-764	LUG	10	-
	203-274	LUG	-	10
4	027-459	NUT, lug.	10	-
	027-951	NUT, lug.	-	10
5	200-925	VALVE, air (one per wheel)	-	-
6	600-514	EXTENSION, valve.	2	2
7	600-084	WHEEL, rear	2	2

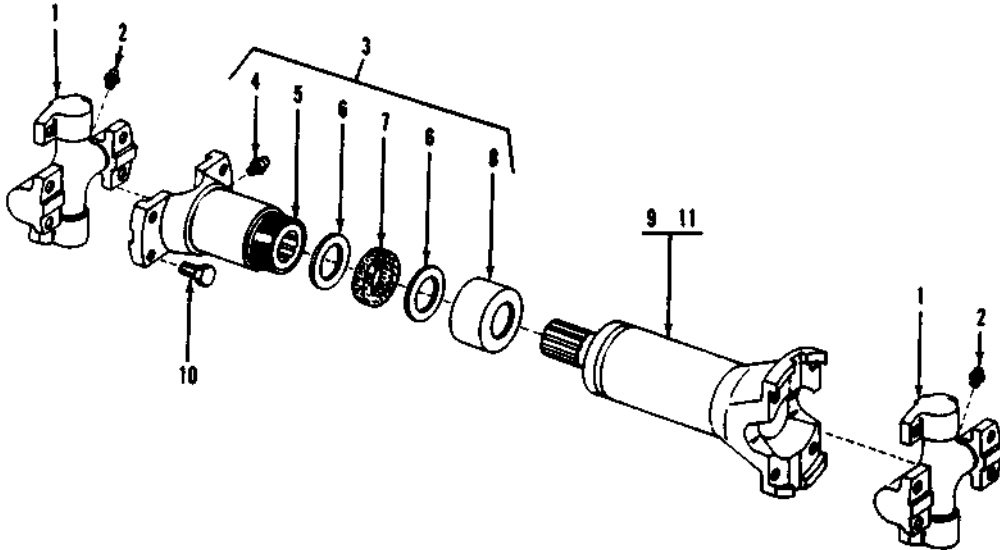
DRIVE SHAFT



KEY:

- A - 800-254 DRIVE SHAFT, front, Model 554 before S/N 415
- DRIVE SHAFT, Model 552 before S/N 419
- B - 800-497 DRIVE SHAFT, front, Model 554 S/N 415 thru S/N 569
- DRIVE SHAFT, Model 552 S/N 419 and after
- C - 600-172 DRIVE SHAFT, rear, Model 554
- D - 900-905 DRIVE SHAFT, Model 554 S/N 575 and after w/ Funk trans.
- E - 801-209 DRIVE SHAFT, Model 554 S/N 575 and after w/ Clark trans.
and 552

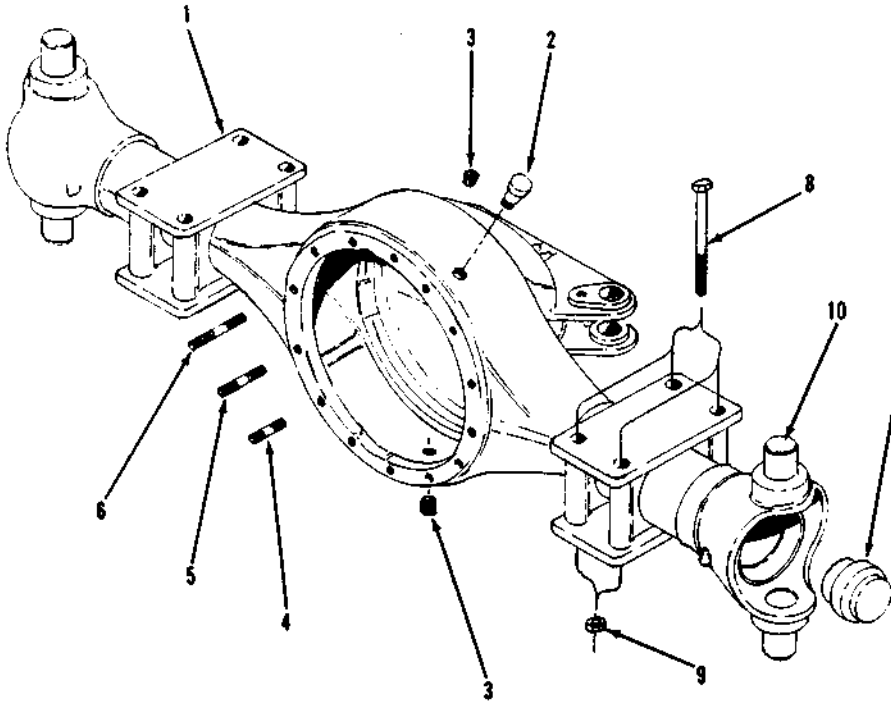
REF.	PART NO.	DESCRIPTION	REQ'D				
			A	B	C	D	E
1	201-058	BEARING and SPIDER ASSEMBLY (6114)	1	1	1	1	-
	207-585	BEARING and SPIDER ASSEMBLY (6128)	-	-	-	-	1
2	201-059	FITTING, grease	1	1	1	1	1
3	201-061	SLIP YOKE ASSEMBLY	1	1	1	1	-
	207-586	SLIP YOKE ASSEMBLY (6-6177)	-	-	-	-	1
4	201-066	• FITTING, grease	1	1	1	1	1
5	201-062	• YOKE, slip	1	1	1	1	-
	207-587	• YOKE, slip (6D-6171)	-	-	-	-	1
6	201-064	• WASHER	2	2	2	2	2
7	201-065	• SEAL, felt	1	1	1	1	1
8	201-063	• CAP, stuffing	1	1	1	1	1
9	201-400	TUBE ASSEMBLY	1	-	-	-	-
	410-021	TUBE ASSEMBLY	-	1	-	-	-
	201-069	TUBE ASSEMBLY	-	-	1	-	-
	207-588	TUBE ASSEMBLY (42-24310-1)	-	-	-	1	-
	207-589	TUBE ASSEMBLY (42-24707-1)	-	-	-	-	1
10	201-058	BEARING and SPIDER ASSEMBLY (6114)	1	1	-	1	-
	201-060	BEARING and SPIDER ASSEMBLY (6143)	-	-	1	-	-
11	207-585	BEARING and SPIDER ASSEMBLY (6128)	-	-	-	-	1
	201-068	BOLT	8	8	4	8	-
12	207-590	BOLT (9366-J)	-	-	-	-	8
	410-022	BOLT	-	-	4	-	-



Item	Part No.	Qty.	Description Of Part
	9102-3123	Ref	DRIVE SHAFT (includes items 1 thru 10)
1	9020-7585	2	BEARING & SPIDER ASSY
2	9020-1059	2	LUBE FITTING
3	9020-7586	1	SLIP YOKE ASSY (includes items 4, 5, 6, 7 & 8)
4	8867-1008	1	LUBE FITTING - STRAIGHT 1/8
5	9020-7587	1	SLIP YOKE
6	9020-1064	2	WASHER
7	9020-1065	1	FELT SEAL
8	9020-6544	1	STUFFING CAP
9		1	TUBE ASSY
10	9020-7590	8	CAPSCREW
11	9103-1194	1	LOCK STRAP
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

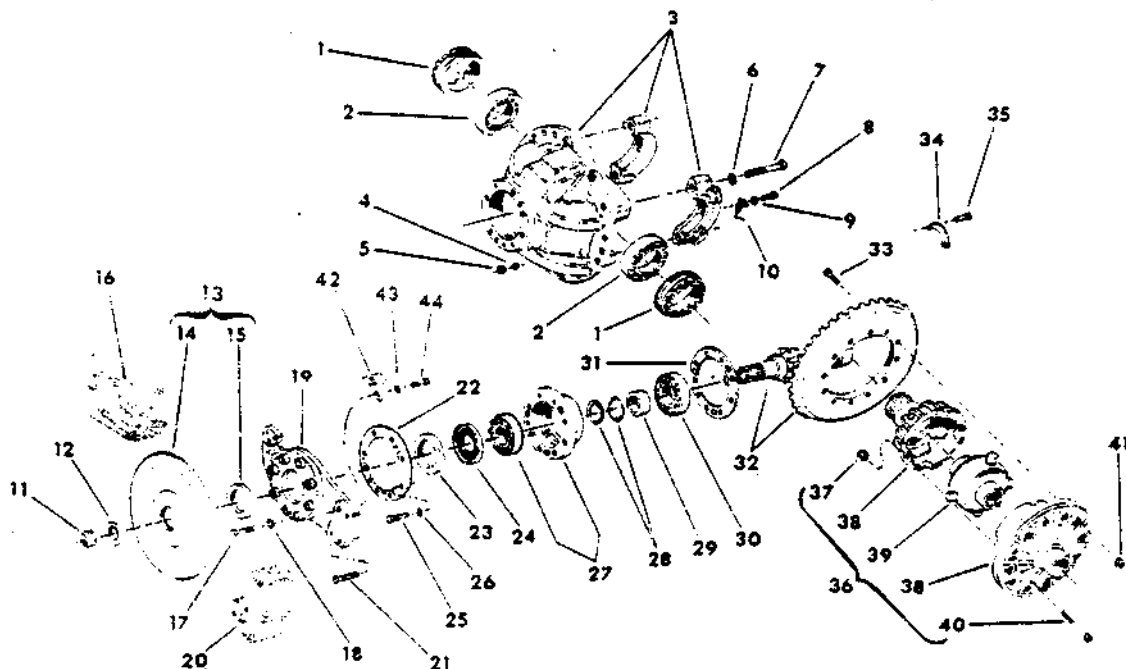
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Item	Part No.	Qty.	Description Of Part
1	9080-1196	1	FRONT STEERING AXLE
	9080-1197	1	REAR STEERING AXLE
1	9040-1201	1	AXLE HOUSING (front axle)
	9040-1202	1	AXLE HOUSING (rear axle)
2	9040-1203	1	BREATHER
3	9040-1204	2	PLUG
4	9040-1205	10	STUD (front axle only)
5	9040-1206	3	STUD (rear axle)
	9040-1307	2	STUD (rear axle)
6	9040-1208	2	STUD (rear axle)
7	9020-1807	1	SEAL KIT
8	8320-1101	8	HEX HD CAPSCREW, 7/8-9X11, GR5 (nylok)
9	8850-1014	8	HEX NUT, 7/8-9
10	9102-4121	1	PIN

FRONT DIFFERENTIAL CARRIER
 MODEL 554 S/N 410 AND AFTER W/SOMA AXLES

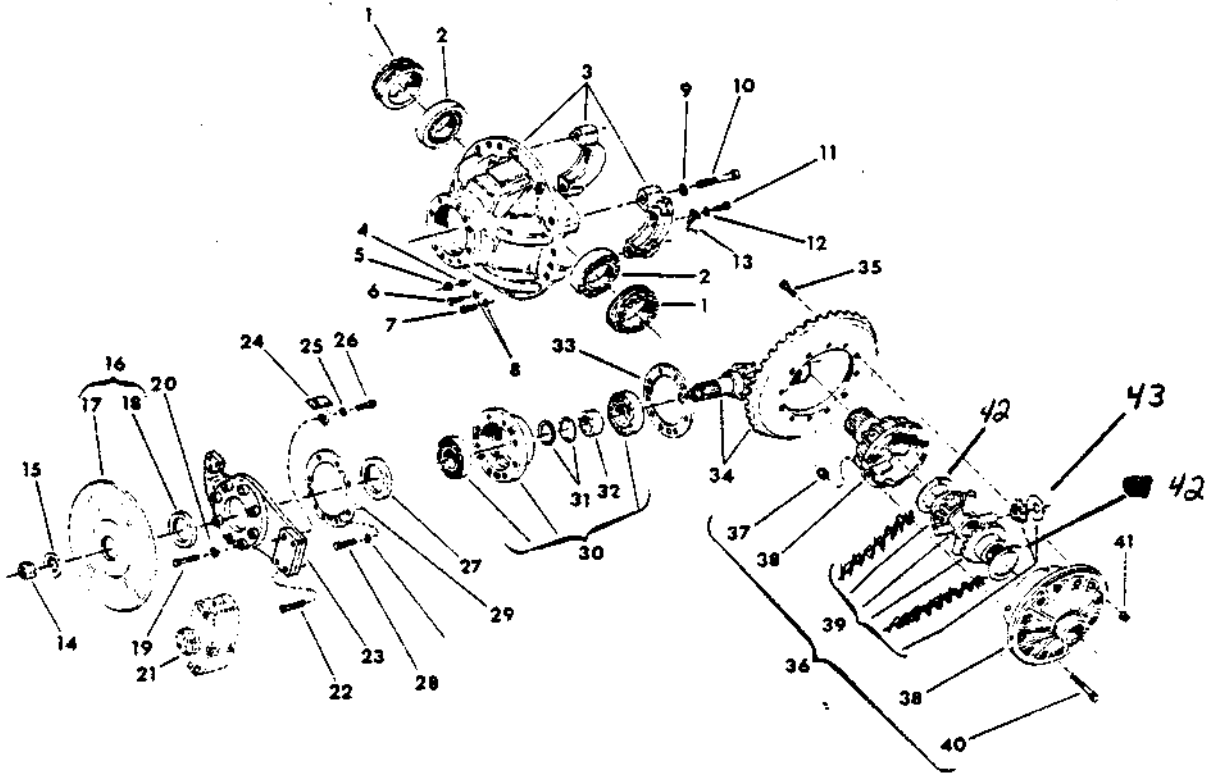


REF.	PART NO.	DESCRIPTION	REQ'D
--	401-296	CARRIER, differential	1
1	401-300	NUT, differential adjusting	2
2	201-795	BEARING, differential	2
3	401-297	CASE, differential carrier sub assembly	1
4	401-311	RING.	3
5	401-312	NUT	3
6	401-291	WASHER.	4
7	401-292	BOLT, differential carrier case	4
8	401-295	BOLT.	2
9	401-294	WASHER, lock.	2
10	401-293	LOCK, differential adjusting nut.	2
11	201-799	NUT, pinion	1
12	201-798	WASHER, pinion.	1
13	9040-1207	Yoke and Disc Assembly - (input).	1
14	9040-1308	.Yoke, mechanics 6c	1
	9102-4006	.Disk	1
15	9040-1309	.Shield, dust	1
16	9040-1271	Brake, parking-(see parking brake page)	1
17	9040-1289	Bolt.	7
18	9040-1290	Washer.	7
19	9040-1306	Bracket, brake	1
20	9060-1114	Brake, service-(see service brake page)	1
21	9002-0039	Bolt, 1/2" nc x 2" - Gr. 5.	4
22	9040-1305	Gasket.	1
23	9040-1304	Seal, felt.	1
24	9040-1303	Seal, oil	1
25	9040-1310	Bolt.	1
26	9040-1288	Washer	1
27	9040-1301	Bearing Cage Assembly	1
28	9020-1797	Kit, shim	1

FRONT DIFFERENTIAL CARRIER (continued)
 MODEL 554 S/N 410 AND AFTER W/SOMA AXLES

REF.	PART NO.	DESCRIPTION	REQ'D
29	401-302	SPACER.	1
30	401-313	BEARING	1
31	201-796	RIT, shim	1
32	201-787	GEAR SET.	1
33	201-774	BOLT, ring gear	12
34	401-298	LOCK, nut	1
35	401-299	BOLT.	2
36	201-790	DIFFERENTIAL CASE SUB ASSEMBLY.	1
37	201-793	• NUT, differential case	8
38	201-791	• CASE, differential	1
39	201-794	• NO-SPIN DIFFERENTIAL	1
	207-348	• GEARS, differential (set)	1
40	201-792	• BOLT	8
41	201-775	NUT, ring gear.	12
42	401-100	BRACKET	1
43	021-457	WASHER, 1/2".	1
44	020-031	BOLT, 1/2" nc x 1 3/4" - Gr. 5.	1


REAR DIFFERENTIAL CARRIER
 MODEL 554 S/N 410 AND AFTER W/SOMA AXLES



REF.	PART NO.	DESCRIPTION	REQ'D
--	401-314	CARRIER, differential	1
1	401-316	NUT, differential adjusting	2
2	201-782	BEARING, differential	2
3	401-315	DIFFERENTIAL CARRIER CASE ASSEMBLY.	1
4	401-327	RING.	3
5	401-328	NUT	3
6	401-329	BOLT.	2
7	401-330	BOLT.	10
8	401-288	WASHER.	12
9	401-291	WASHER.	4
10	401-292	BOLT, bearing cap	4
11	401-295	BOLT.	2
12	401-294	WASHER.	2
13	401-293	LOCK, differential adjusting nut.	2
14	201-786	NUT, pinion	1
15	201-785	WASHER.	1
16	9040-1323	Yoke and Disc Assembly - (input).	1
17	9040-1324	.Yoke, mechanics 6c	1
	9102-4006	.Disk	1
18	9040-1325	.Shield, dust	1
19	9040-1289	Bolt.	7
20	9040-1290	Washer.	7
21	9060-1114	Brake, service-(see Service Brake page)	1
22	9002-0039	Bolt, 1/2"nc x 2" - Gr. 5	4
23	9040-1322	Bracket, brake.	1
24	9040-1100	Bracket	1
25	9002-1457	Washer, 1/4	1
26	9002-0031	Bolt, 1/2" nc x 1-3/4" - Gr. 5	1

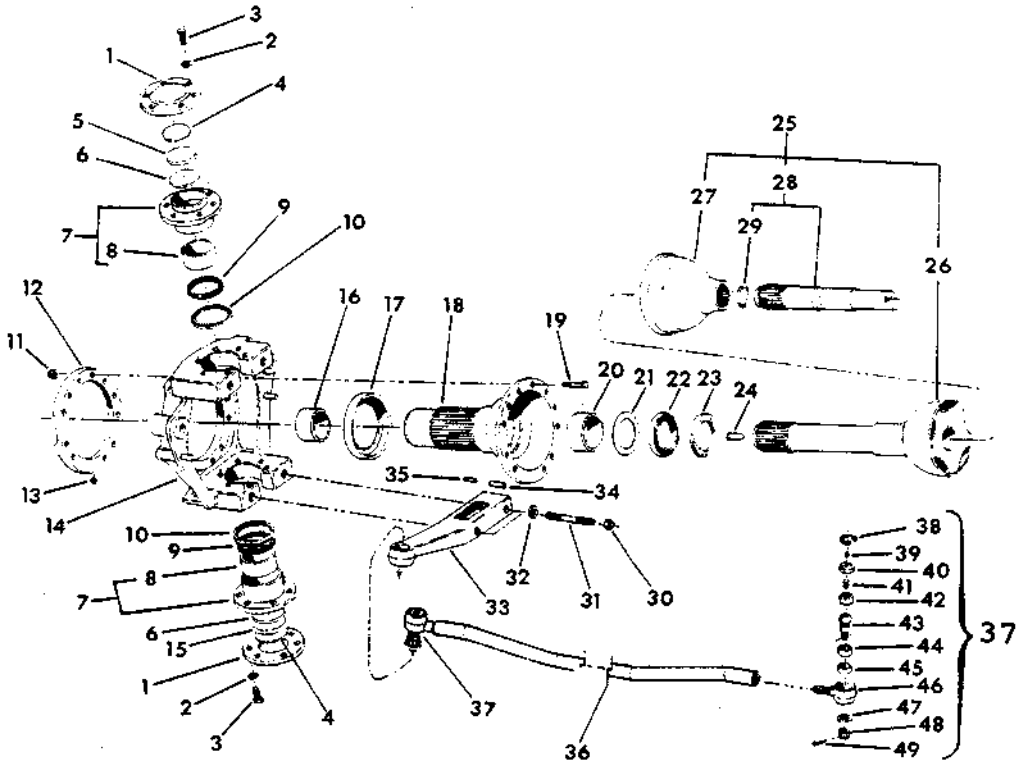
552/554 LOED HANDLER

REAR DIFFERENTIAL CARRIER -continued
 MODEL 554 S/N 410 AND AFTER W/SOMA AXLES

REF.	PART NO.	DESCRIPTION	REQ'D
27	401-320	SEAL, oil	1
28	401-326	BOLT.	1
29	401-321	GASKET, paper	1
30	401-317	BEARING CAGE ASSEMBLY	1
31	201-783	• KIT, shim	1
32	401-318	• SPACER.	1
33	401-319	KIT, shim	1
34	201-773	GEAR SET.	1
35	201-774	BOLT, ring gear	12
36	201-776	DIFFERENTIAL CASE ASSEMBLY.	1
37	201-779	• NUT	8
38	201-777	• DIFFERENTIAL CASE SUB ASSEMBLY.	1
39	201-780	• •GEARS, differential (set).	1
	205-167	• •NO-SPIN DIFFERENTIAL	1
40	201-778	• •BOLT	8
41	201-775	NUT	12
42	9102-4002	THRUST WASHER  d	
43	9102-4003	THRUST WASHER	

STEERING MECHANISM

MODEL 554 S/N 410 AND AFTER W/SOMA AXLES



KEY:
 A - Soma Front Axle
 B - Soma Rear Axle

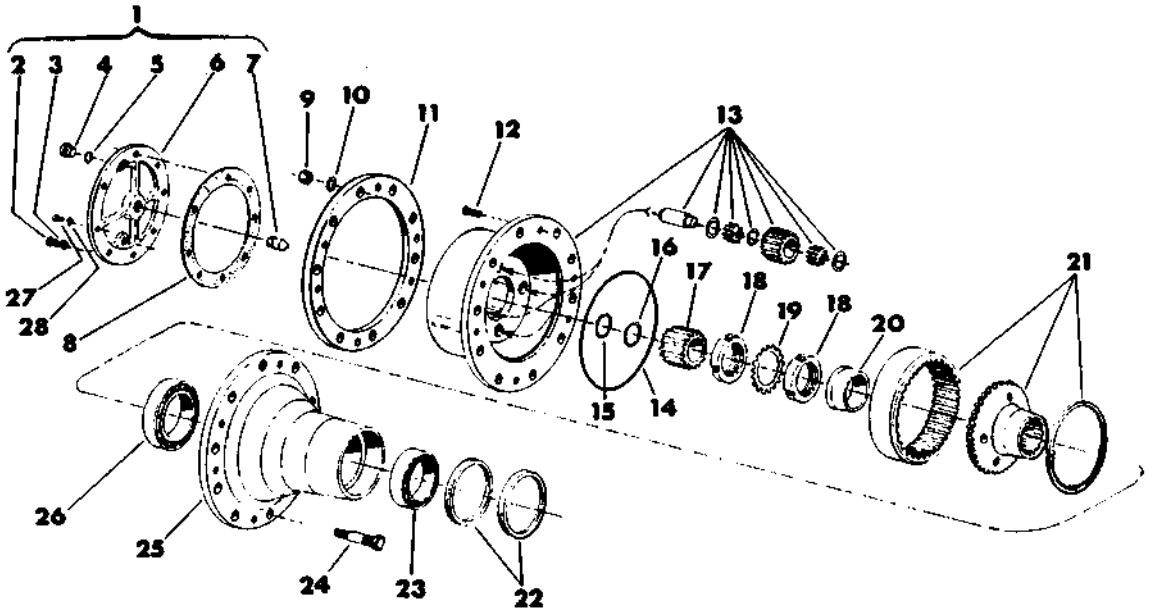
REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	401-227	COVER	2	2
2	401-229	SPACER W-14	12	12
3	401-228	BOLT.	12	12
4	401-226	KIT, shim	2	2
5	401-225	SPACER.	1	1
6	401-223	SPACER, "Isogliss".	2	2
7	401-219	KING PIN BEARING SUB-ASSEMBLY	2	2
8	401-220	• BEARING, "Isogliss".	2	2
9	401-221	SEAL, oil 50 x 65	2	2
10	401-222	SEAL, felt.	2	2
11	401-237	NUT	11	11
12	401-236	SPACER.	1	1
13	401-240	FITTING, grease	1	1
14	401-215	STEERING KNUCKLE ASSEMBLY	1	1
15	401-224	SHIM.	1	1
16	401-232	SPACER, thrust.	1	1
17	401-231	DRIVER, seal.	1	1

STEERING MECHANISM (continued)

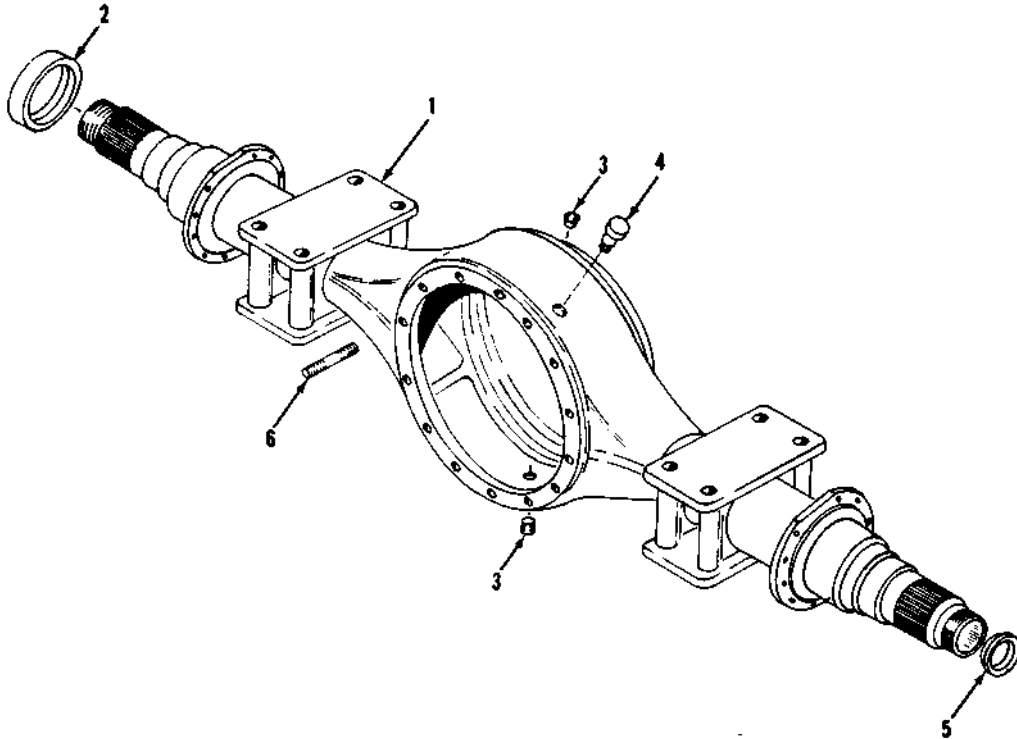
MODEL 554 S/N 410 AND AFTER W/SOMA AXLES

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
18	201-858	SPINDLE	1	1
19	401-235	BOLT.	11	11
20	201-800	BEARING, "Isogliss"	1	1
21	201-801	SHIM.	1	1
22	201-802	SEAL, oil	1	1
23	201-803	SEAL.	1	1
24	401-241	KIT, shim	1	1
25	401-210	CONSTANT VELOCITY JOINT and SHAFT ASSEMBLY (small).	-	1
	207-347	CONSTANT VELOCITY JOINT and SHAFT ASSEMBLY (large).	1	-
26	401-211	• JOINT, constant velocity (small)	-	1
	207-345	• JOINT, constant velocity (large)	1	-
27	401-212	• COVER and SEAL ASSEMBLY (small).	-	1
	207-346	• COVER and SEAL ASSEMBLY (large).	1	-
28	401-214	• SHAFT and SNAP RING ASSEMBLY (small)	-	1
	207-347	• SHAFT and SNAP RING ASSEMBLY (large)	1	-
29	401-213	• • RING, snap (small).	-	1
	207-348	• • RING, snap (large).	1	-
30	401-218	NUT	2	2
31	401-216	STUD.	2	2
32	401-217	WASHER.	2	2
33	401-238	LEVER, tie rod (bent, LH and RH).	AR	AR
	207-349	LEVER, tie rod (LH front) reinforced.	AR	AR
	207-350	LEVER, tie rod (RH front) reinforced.	AR	AR
34	401-233	PIN	3	3
35	401-234	PIN	3	3
36	9020-1857	Tie Rod Assembly (Non Adjustable Ends)	1	1
	9020-3197	Tie Rod Assembly (Adjustable Ends)	1	1
	9102-4004	Tie Rod End, R.H.	1	1
	9102-4005	Tie Rod End. L.H.	1	1
37	9102-3043	Rod End Rebuilt Kit (incl. 38 thru 48)	1	11
38	9020-3186	Snap Ring	1	1
39	9040-1240	Lube Fitting	1	1
40	9020-3185	Plug	1	1
41	9020-3184	Spring	1	1
42	9020-3183	Upper Cup	1	1
43	9020-3181	King Pin	1	1
44	9020-3182	Spacer	1	1
45	9020-3180	Lower Cup	1	1
46	9020-3187	Dust Shield	1	1
47	9020-3188	Nut	1	1
48	9020-3189	Cotter Pin	1	1

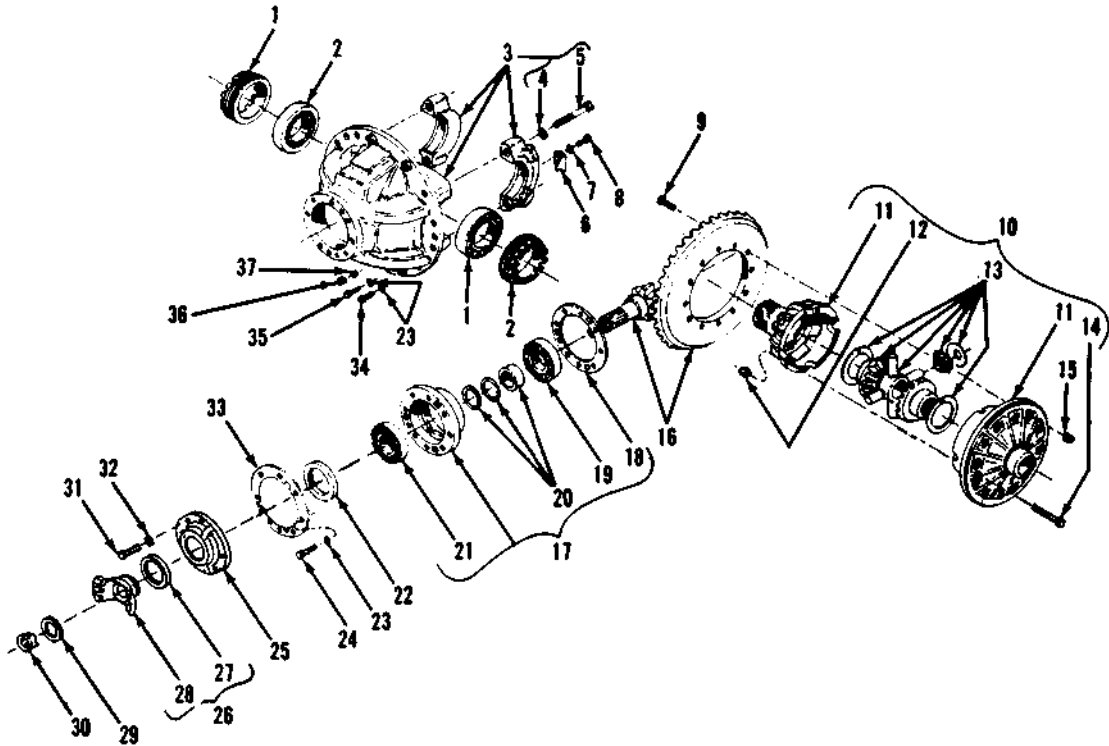
PLANETARY WHEEL END
 MODEL 554 S/N 410 AND AFTER W/SOMA AXLES



REF.	PART NO.	DESCRIPTION	REQ'D
--	201-804	PLANETARY WHEEL END ASSEMBLY	-
1	201-842	COVER ASSEMBLY	1
2	401-258	• PLUG	1
3	401-259	• GASKET	1
4	401-256	• PLUG	1
5	401-257	• GASKET	1
6	401-254	• COVER	1
7	401-255	• BUTTON, thrust	1
8	201-843	GASKET, paper.	1
9	201-853	NUT, wheel	10
10	201-854	WASHER	10
11	201-850	SPACER, wheel.	1
12	201-849	BOLT	6
13	201-841	PLANETARY CARRIER ASSEMBLY	1
14	201-840	SEAL	1
15	201-848	RING, snap	2
16	201-847	KIT, shim.	1
17	201-846	GEAR, sun.	1
18	201-838	NUT	2
19	201-839	WASHER, lock	1
20	201-837	RING	1
21	201-836	RING GEAR and CARRIER ASSEMBLY	1
22	201-805	SEAL, oil.	2
23	201-834	BEARING.	1
24	201-852	STUD, wheel.	10
25	201-851	HUB.	1
26		BEARING. 9020-1833	1
27		BOLT. 9020-1849	8
28	201-844	WASHER	8

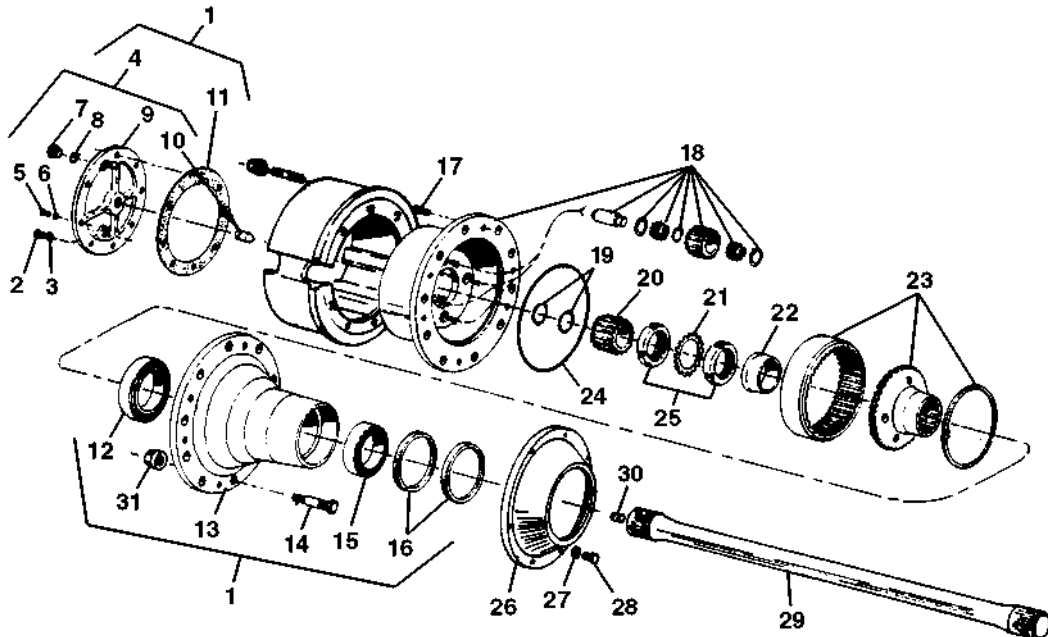


Item	Part No.	Qty.	Description Of Part
	9020-3849	1	HOUSING ASSY (includes all items)
1		1	HOUSING
2	9020-3850	2	OIL SEAL
3	9040-1204	2	PLUG
4	9040-1203	1	BREATHER
5	9040-1232	2	THRUST SPACER
6	9040-1205	3	STUD

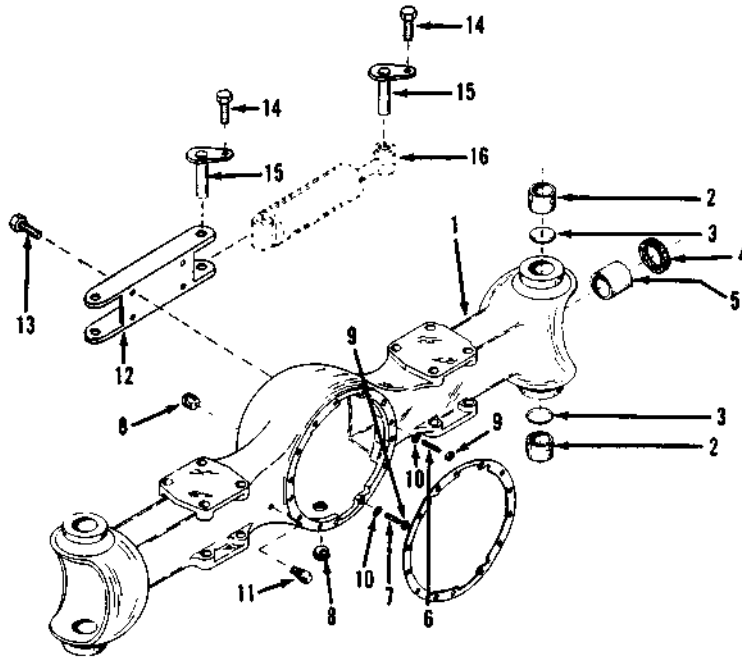


Item	Part No.	Qty.	Description Of Part
	9020-3852	1	DIFFERENTIAL CARRIER ASSY (consists of items 1 thru 37)
1	9020-3860	2	DIFFERENTIAL ADJUSTING NUT
2	9020-1782	2	BEARING
3	9020-3853	1	DIFFERENTIAL CARRIER CASE (includes items 4 & 5)
4	9040-1291	4	WASHER
5	9020-7911	4	BOLT
6	9020-7929	2	NUT LOCK
7	9040-1294	2	WASHER
8	9020-7923	2	BOLT
9	9020-1774	12	RING GEAR BOLT
10	9020-3855	1	DIFFERENTIAL CASE ASSY (includes items 11 thru 14)
11	9020-3856	1	DIFFERENTIAL CASE
12	9020-1779	8	NUT
13	9020-1780	1	DIFFERENTIAL GEAR KIT
14	9020-3857	8	BOLT
15	9020-1779	12	NUT
16	9020-3854	1	GEAR SET
17	9020-3861	1	BEARING CAGE ASSY (includes items 18 thru 21)
18	9040-1319	1	SHIM KIT
19	9020-3863	1	BEARING
20	9020-3864	1	SHIM KIT
21	9020-3865	1	BEARING

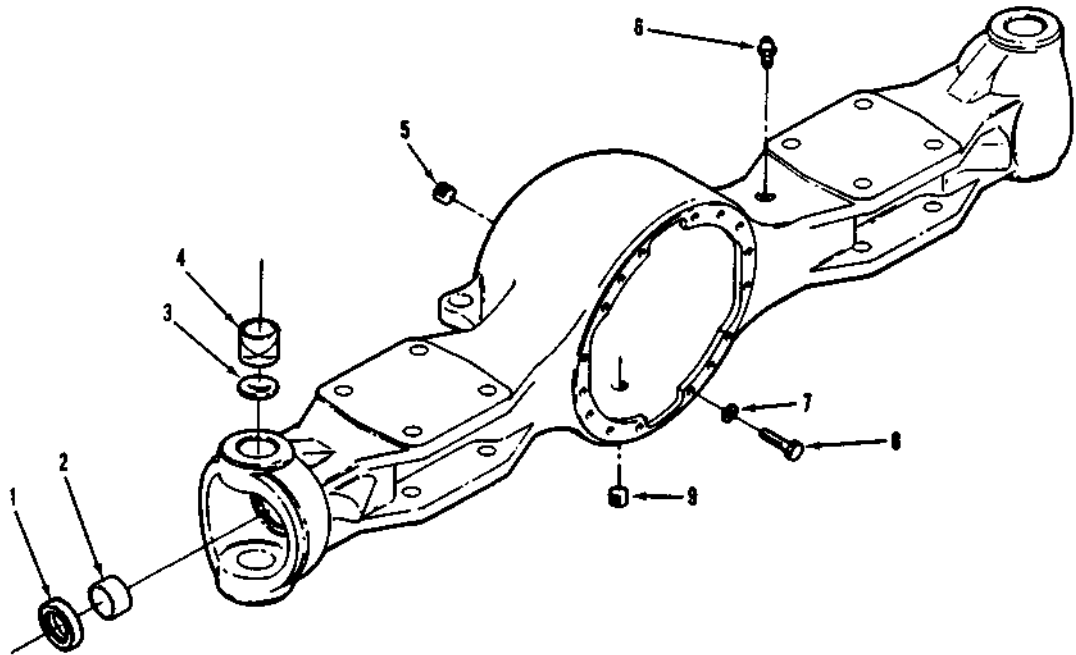
Item	Part No.	Qty.	Description Of Part
22	9020-3868	1	OIL SEAL
23	9040-1288	12	WASHER
24	9020-3874	1	BOLT
25	9020-3866	1	CAP
26	9020-3869	1	INPUT FLANGE ASSY (includes items 27 & 28)
27	9040-1325	1	DUST SHIELD
28	9020-3870	1	INPUT FLANGE
29	9020-3872	1	WASHER
30	9020-1786	1	NUT
31	9020-3876	7	BOLT
32	9020-3877	7	WASHER
33	9040-1321	1	GASKET
34	9040-1330	9	BOLT
35	9040-1329	2	BOLT
35	9040-1328	3	BOLT
37	9040-1327	3	TAPERED RING



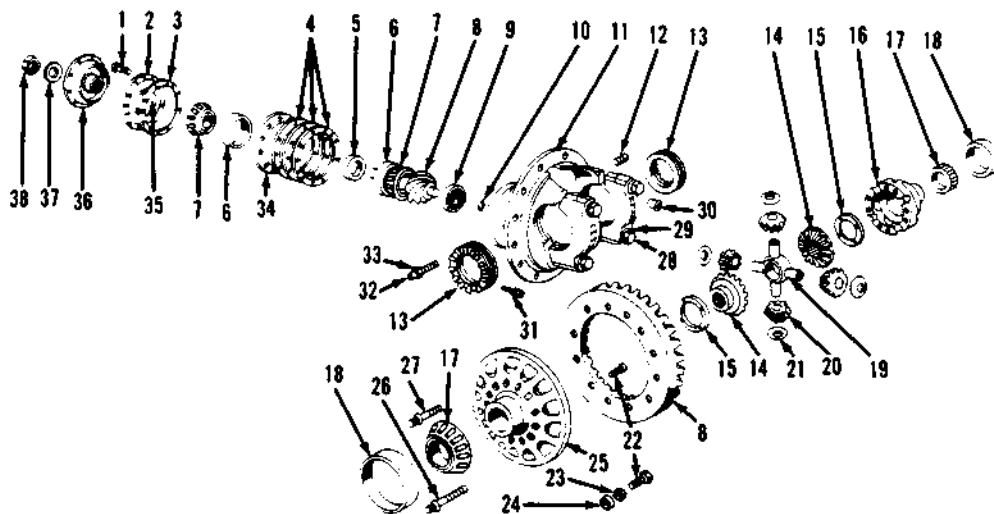
Item	Part No.	Qty.	Description Of Part
1	9020-3878	1	PLANETARY WHEEL END, (consists of items 2, 3, 4, 12, 13, 15 & 16)
2	9020-1845	8	BOLT
3	9020-1844	8	WASHER
4	9020-1842	1	COVER ASSEMBLY, (consists of items 5 thru 10)
5	9040-1258	1	PLUG
6	9040-1259	1	SEAL
7	9040-1256	1	PLUG
8	9040-1257	1	SEAL
9	9040-1254	1	COVER
10	9040-1255	1	THRUST BUTTON
11	9020-1843	1	GASKET
12	9020-3881	1	BEARING
13	9020-3879	1	HUB
14	9020-3892	10	WHEEL STUD
15	9020-1833	1	BEARING
16	9020-3882	2	OIL SEAL
17	9020-1849	3	BOLT
18	9020-3888	1	PLANET GEAR CARRIER
19	9020-1848	2	SNAP RING
20	9020-1846	1	SUN GEAR
21	9020-1839	1	LOCKNUT
22	9020-3887	1	TAPERED RING
23	9020-3886	1	RING GEAR CARRIER ASSEMBLY
24	9020-1840	1	TOROIDAL SEAL
25	9020-1838	2	NUT
26	9020-3883	1	SLINGER
27	9020-3884	8	WASHER
28	9020-3885	8	BOLT
29	9020-3890	1	AXLE SHAFT
30	9020-3891	1	SHIM GEAR
31	9020-3893	10	NUT
32	9020-8226	1	WHEEL ADAPTER
33	9020-8227	6	ADAPTER TO WHEEL STUDS
	9002-7951	6	ADAPTER TO WHEEL NUTS



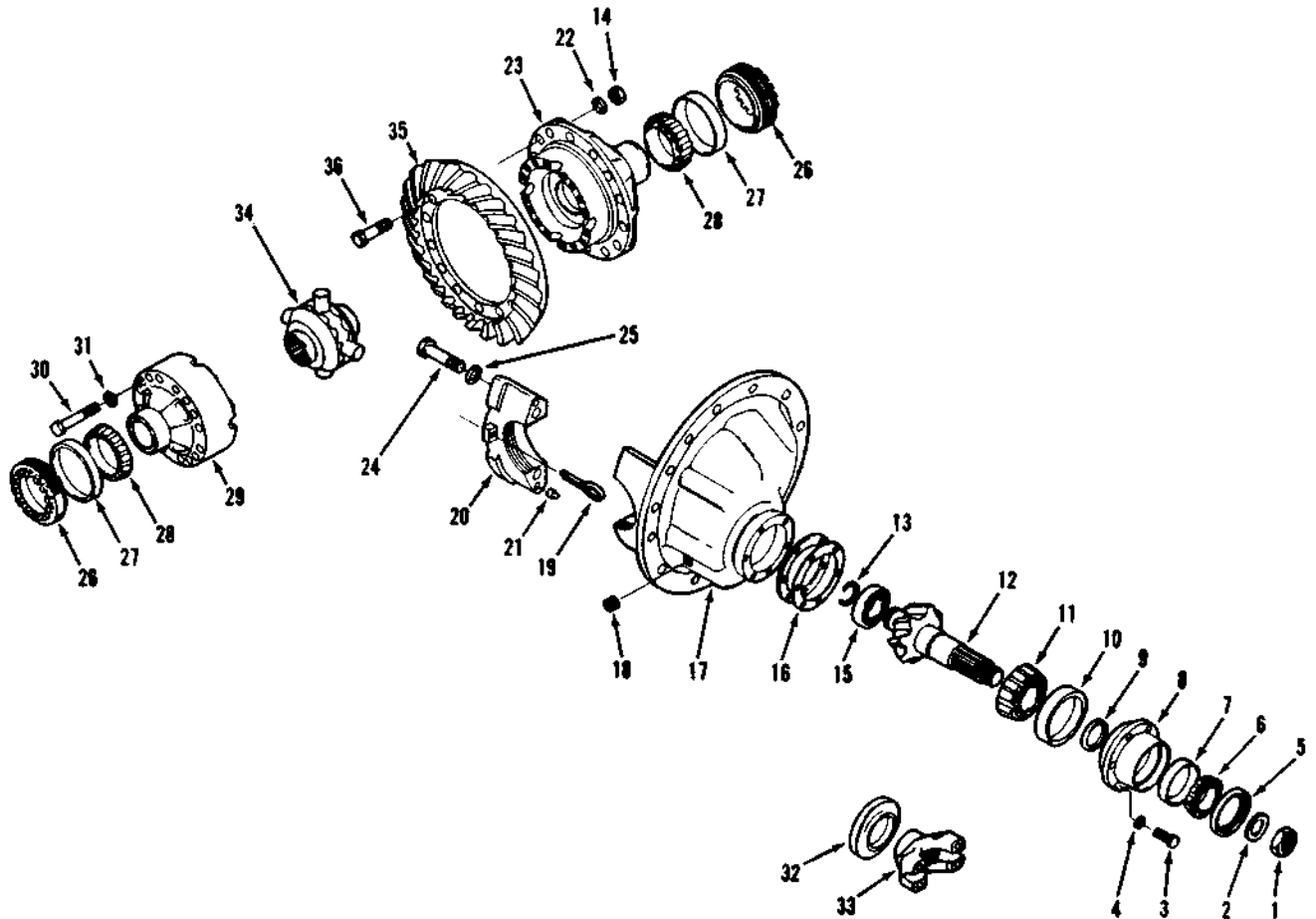
Item	Part No.	Qty.	Description Of Part
	9080-0536	1	DRIVE STEERING AXLE (complete)
1	9020-3640	1	HOUSING ASSEMBLY
2	9020-3625	4	KING PIN BUSHING
3		4	KING PIN PLUG
4	9020-1582	2	HOUSING SEAL
5	7710-4293	2	HOUSING BUSHING
6	8698-4013	4	STUD (long)
7	9020-1258	10	STUD (short)
8	7710-4290	2	PLUG
9	8668-3065	14	NUT
10	9020-1263	14	WASHER
11	9020-1264	1	OIL BREATHER
12	9060-1244	1	STEERING CYLINDER BRACKET
13	9002-6562	2	SHOULDER BOLT
	8820-1109	2	HEX HD CAPSCREW, 3/4-10 x 1 1/2 Gr 5
14	8820-1565	4	HEX HD CAPSCREW, 1/2-20 x 1 1/4 Gr 5
15	9040-0520	4	PIN
16		2	STEERING CYLINDER



Item	Part No.	Qty.	Description Of Part
	9102-4088	Ref	AXLE HOUSING ASSY (includes items 1,2,3,4,5,8,9)
1	8698-4403	2	OIL SEAL
2	7710-4293	2	BUSHING
3	7710-4292	4	PLUG
4	7710-4291	4	BUSHING
5	8307-3699	1	OIL FILLER PLUG
6	7710-4289	1	OIL BREATHER
7	8698-1562	14	WASHER
8	7710-4416	10	STUD (short)
	7710-4295	4	STUD (long)
	7710-4297	14	NUT
9	8307-3699	1	OIL DRAIN PLUG

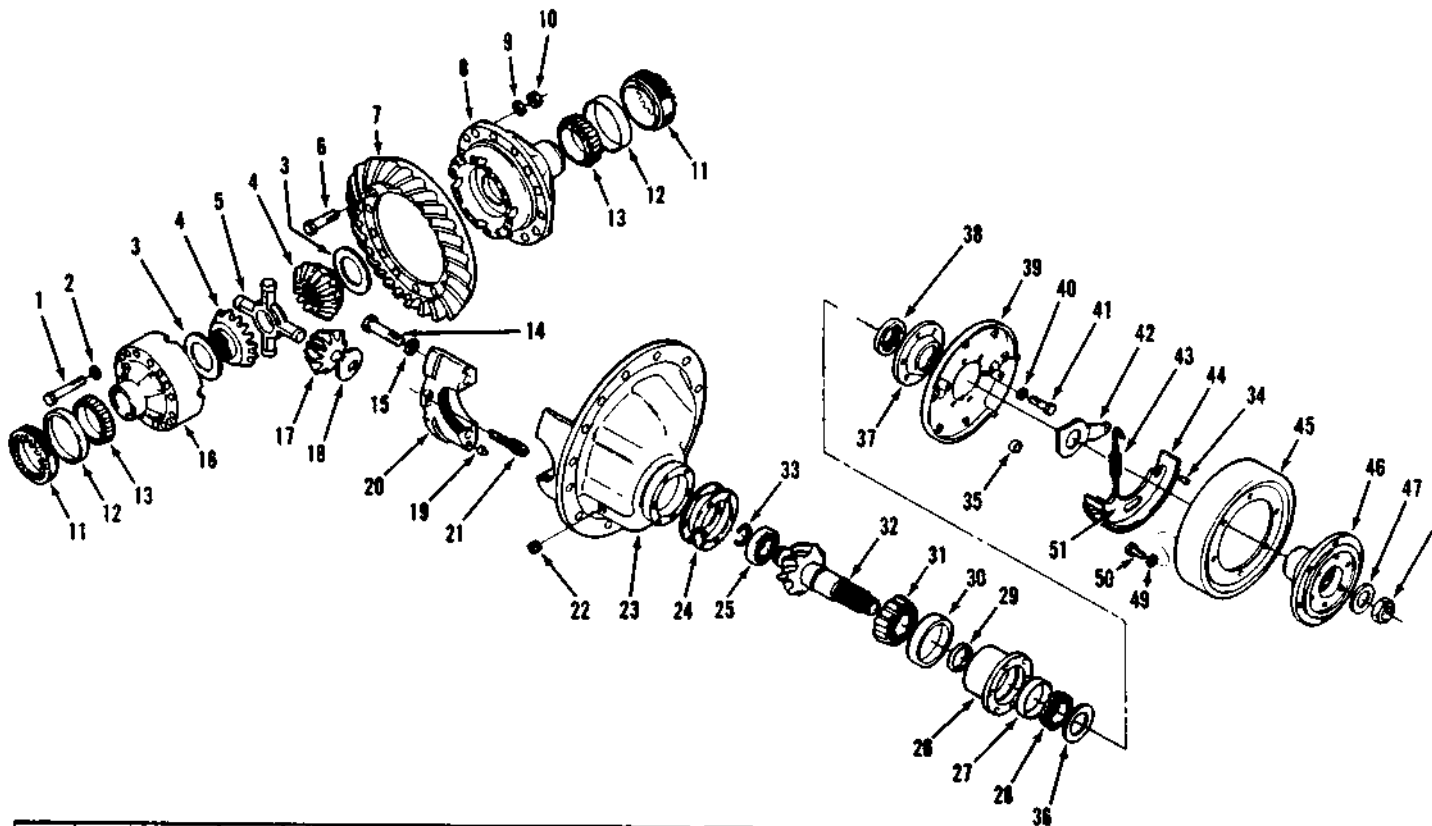


Item	Part No.	Qty.	Description Of Part
1	8307-1621	8	BOLT
2	9020-3564	1	BEVEL PINION COVER ASSEMBLY
3	9020-1589	1	GASKET
4	9020-3565	2	SHIM (.003)
	9020-3566	6	SHIM (.005)
	9020-3567	5	SHIM (.010)
5			SPACER
6	8338-4199	2	BEVEL PINION CUP
7	9020-3569	2	BEVEL PINION CONE
8	9020-3678	1	GEAR & PINION ASSEMBLY
9	9020-3571	1	BEVEL PINION BEARING (rear)
10	8348-3558	1	BEVEL PINION LOCK RING
11	9020-3573	1	CARRIER AND BEARING CAP ASSEMBLY
12	8307-3699	1	FILLER & OIL LEVEL PLUG
13	7738-4442	2	DIFFERENTIAL BEARING ADJUSTING RING
14	9020-3576	2	DIFFERENTIAL SIDE GEAR
15	8308-1167	2	THRUST WASHER
16	9020-3578	1	PLAIN DIFFERENTIAL CASE
17	8348-3402	2	DIFFERENTIAL CONE
18	8307-1570	2	DIFFERENTIAL CUP
19	8688-1718	1	DIFFERENTIAL SPIDER
20	9020-3582	4	DIFFERENTIAL PINION GEAR
21	9020-3583	4	THRUST WASHER
22	9020-3585	12	BOLT
23	8308-1182	12	WASHER
24	8348-1440	12	NUT

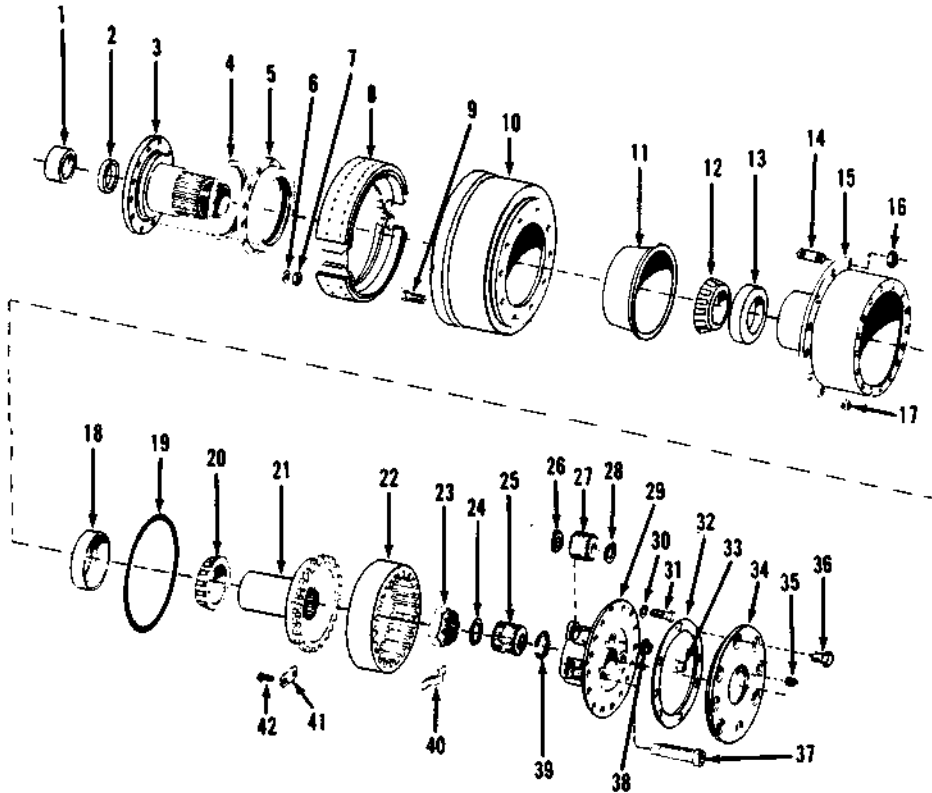


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	7710-4299	1	PINION NUT	20		2	CAP
2	8307-1464	1	BEVEL WASHER	21	8348-3442	4	DOWEL
3	7710-4303	8	CAPSCREW	22	8308-1182	12	WASHER
4	8698-3446	8	WASHER	23	9102-4096	1	DIFFERENTIAL CASE ASSY (includes items 29, 30 & 31)
5	9102-4089	1	OIL SEAL	24	7710-4325	4	CAPSCREW
6	9102-4090	1	CONE BEARING (outer)	25	8368-3836	4	WASHER
7	9102-4091	1	CUP BEARING (outer)	26	7710-4326	2	ADJUSTING RING
8	9102-4092	1	BEARING CAGE (includes items 7 & 10)	27	7710-4333	2	CUP BEARING
9	9102-4039	AR	SPACER KIT	28	7710-4332	2	CONE BEARING
10	7710-4306	1	CUP BEARING (inner)	29		1	DIFFERENTIAL CASE HALF
11	7710-4322	1	CONE BEARING (inner)	30	8368-4048	16	CAPSCREW
12		1	PINION	31	8348-3532	16	WASHER
13	9102-4040	1	LOCK RING	32	9102-4093	1	DEFLECTOR
14	8668-3065	12	NUT	33	9102-4094	1	YOKE/FLANGE - INPUT
15	8348-3557	1	PINION BEARING	34	7710-4515	1	NO-SPIN DIFFERENTIAL
16	7710-4319	AR	SHIM (.003)	35	9102-4095	1	BEVEL GEAR ASSY (includes items 1 & 12)
	7710-4320	AR	SHIM (.005)	36	8360-4048	12	BOLT
	7710-4321	AR	SHIM (.010)				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
17	7710-4324	1	DIFFERENTIAL CARRIER & CAP ASSY (includes items 20, 21, 24 & 25)				
18	8307-3699	1	PLUG				
19	7710-4327	2	COTTER PIN				

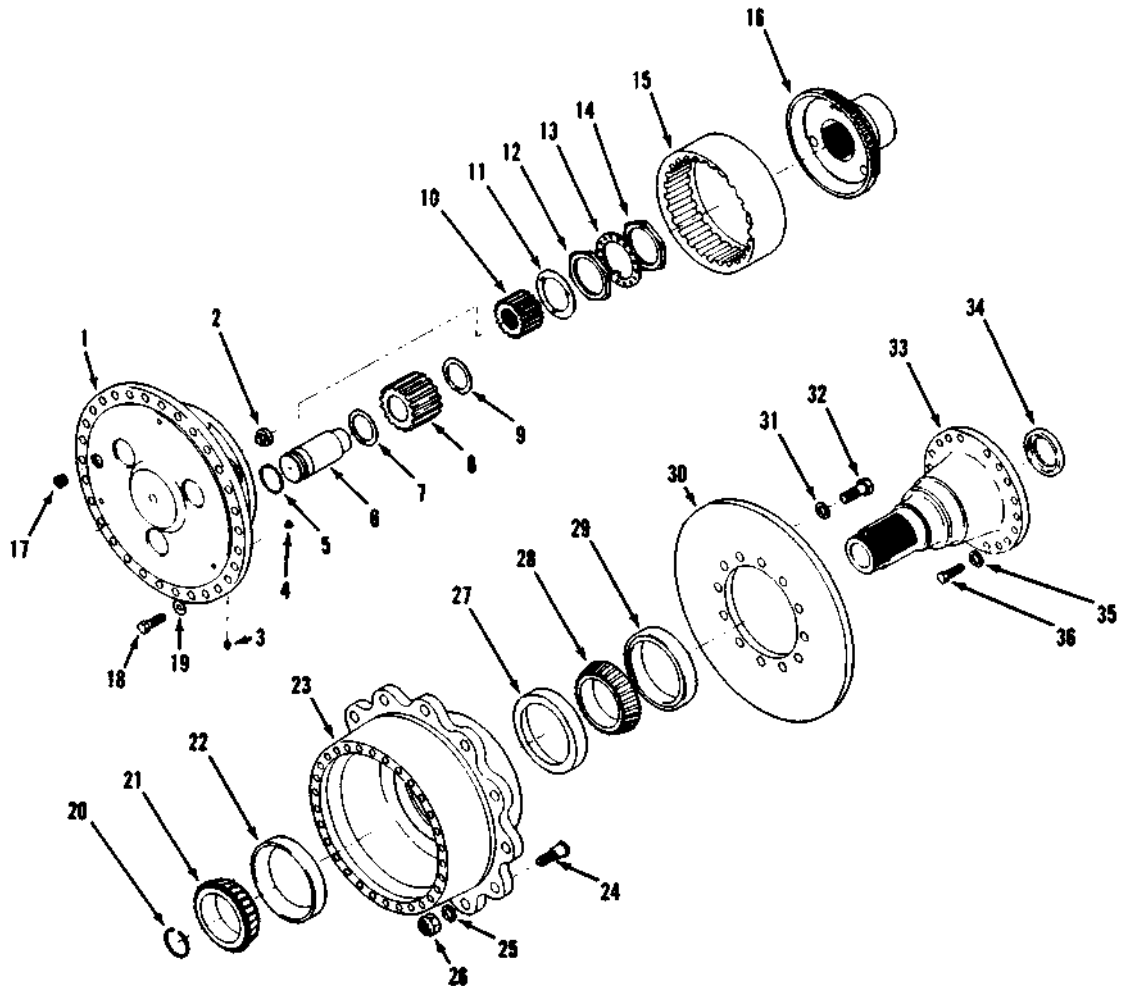
Item	Part No.	Qty.	Description Of Part
25	9020-3584	1	DIFFERENTIAL CASE
26	9020-3588	4	LONG BOLT
27	9020-3589	8	SHORT BOLT
28	8698-4512	4	BOLT
29	8540-4005	4	WASHER
30	8348-3442	4	DOWEL
31	8348-3441	2	COTTER PIN
32	8348-3560	1	SCREW
33	8348-3561	1	NUT
34	9020-3596	1	BEVEL PINION BEARING CASE ASSEMBLY
35	9020-1588	1	OIL SEAL
36	9020-3597	1	UNIVERSAL YOKE
37	8307-1464	1	WASHER
38	8348-3512	1	NUT



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8368-4048	16	DIFFERENTIAL CASE CAPSCREW	27	7710-4306	1	CUP BEARING (outer)
2	8348-3532	16	WASHER	28	8698-4478	1	CONE BEARING (outer)
3	8307-1616	2	THRUST WASHER	29	9102-4039	AR	SPACER KIT
4	7710-4330	2	SIDE GEAR	30	7710-4306	1	CUP BEARING (inner)
5	7720-4065	1	DIFFERENTIAL SPIDER	31	7710-4322	1	CONE BEARING (inner)
6	8368-4040	12	BOLT	32		1	PINION
7	9102-4032	1	BEVEL GEAR ASSY (includes items 32 & 48)	33	9102-4040	1	LOCK RING
8	9102-4033	1	DIFFERENTIAL CASE ASSY (includes items 1,2,3,4,5,16)	34	9102-4046	28	RIVET
9	8308-1102	12	WASHER	35	8307-1850	1	ROLLER
10	8668-3065	12	NUT	36	8308-1170	1	THRUST WASHER
11	7710-4326	2	ADJUSTING RING	37	9102-4047	1	COVER
12	7710-4333	2	CUP BEARING	38	8698-4468	1	OIL SEAL
13	7710-4332	2	CONE BEARING	39	9102-4041	1	BACKING PLATE ASSY
14	7710-4325	4	CAPSCREW	40	8540-3217	6	WASHER
15	8368-3836	4	WASHER	41	9102-4042	6	CAPSCREW
16		1	DIFFERENTIAL CASE HALF	42	8307-3234	1	BRAKE LEVER
17	7710-4331	4	DIFFERENTIAL PINION	43	8307-1849	2	BRAKE RETURN SPRING
18	8348-3418	4	PINION THRUST WASHER	44	9102-4043	2	BRAKE SHOE LINING
19	8348-3442	4	DOWEL	45	9102-4044	1	BRAKE DRUM
20		2	DIFFERENTIAL BEARING CAP	46	9102-4045	1	YOKE/FLANGE - INPUT
21	7710-4327	2	COTTER PIN	47	8307-1464	1	WASHER
22	8307-3699	1	PLUG	48	7710-4299	1	NUT
23	9102-4034	1	DIFFERENTIAL CARRIER & CAP ASSY (includes items 14,15,19 & 20)	49	8348-3569	8	LOCKWASHER
24	9102-4035	AR	SHIM (.003")	50	8348-3534	8	CAPSCREW
	9102-4036	AR	SHIM (.005")	51	8307-1851	2	BRAKE SHOE & LINING ASSY (includes items 44 & 34)
	9102-4037	AR	SHIM (.010")	52	9102-4049	1	BRAKE ASSY (includes items 34,35,39,42 thru 45,51)
25	8348-3557	1	BEARING				NOTE: ONLY PART NUMBERED ITEMS ARE AVAILABLE FOR SERVICE REPLACEMENT.
26	9102-4038	1	PINION BEARING CAGE (includes items 27 & 30)				



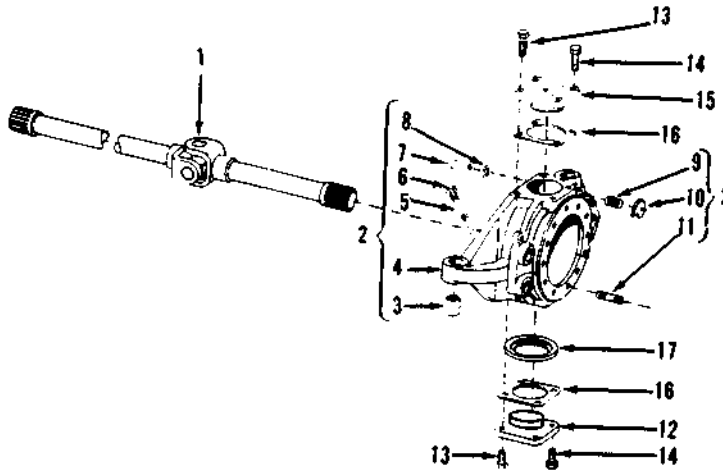
Item	Part No.	Qty.	Description Of Part
1	9020-3656	2	BUSHING
2	9041-0049	2	SEAL
3	9020-3657	2	SPINDLE
4	9020-1450	2	"O" RING
5	9020-3225	2	OIL SEAL & RETAINER ASSY.
6	8540-3217	24	FLAT WASHER
7	8540-3227	24	NUT
8	7710-4387	2	BRAKE SHOE ASSEMBLY (left forward, right rear)
	7710-4383	2	BRAKE SHOE ASSEMBLY (left rear, right forward)
9	7710-4408	38	BOLT
10	7710-4407	2	BRAKE DRUM
11	7710-4406	2	OIL SLINGER
12	7710-4405	2	INNER BEARING CONE
13	7710-4404	2	INNER BEARING CUP
14	9020-3543	24	WHEEL STUD
15	9020-3663	2	HUB
16	8348-1282	24	WHEEL NUT
17	9020-3544	2	OIL DRAIN PLUG
18	7710-4403	2	OUTER BEARING CUP
19		2 OZ	SILASTIC GASKET
20	7710-4401	2	INNER BEARING CONE
21	9020-3664	2	HUB AND SLEEVE ASSEMBLY
22	7710-4347	2	RING GEAR
23	9020-3666	2	NUT
24	9020-3667	2	THRUST WASHER
25	7710-4345	2	SUN GEAR



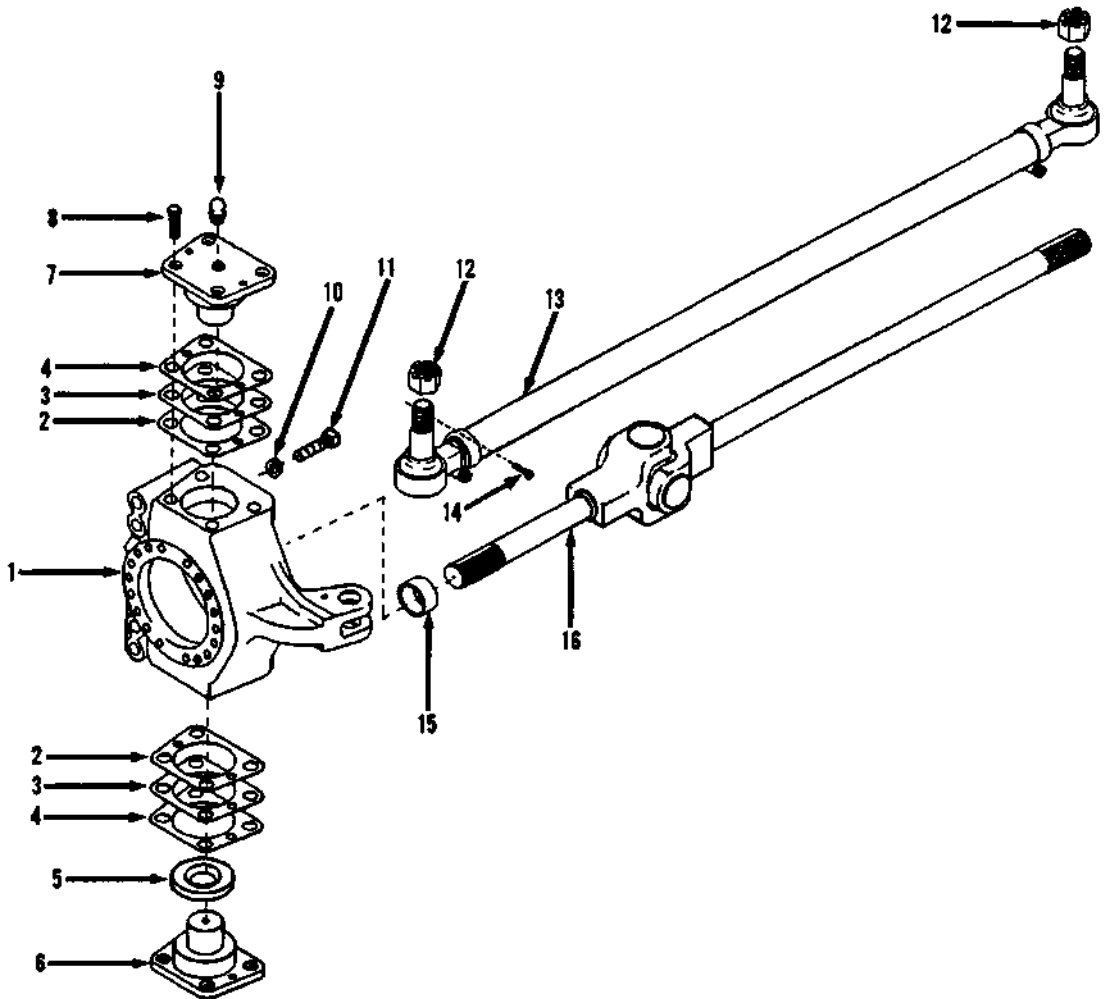
Item	Part No.	Qty.	Description Of Part
1	9102-4065	2	PLANETARY GEAR SPIDER
2	9102-4066	2	AXLE SHAFT THRUST BUTTON
3	7710-4339	6	SET SCREW
4	7710-4342	6	PLANETARY SPIDER THRUST BUTTON
5	7710-4524	6	O RING
6	7710-4338	6	PLANETARY PINION SHAFT (includes item 5)
7	7710-4337	6	WASHER
8	7710-4336	6	PINION PLANETARY GEAR
9	7710-4335	6	WASHER
10	7710-4345	2	PLANETARY SUN GEAR
11	7710-4346	2	WASHER (sun gear)
12	8307-3302	2	BEARING LOCK NUT (outer)
13	8307-3303	2	WASHER
14	8307-3466	2	BEARING LOCK NUT (inner)
15	7710-4347	2	PLANETARY RING GEAR
16	7710-4348	2	HUB
17	7710-4343	2	PLUG
18	9102-4067	60	CAPSCREW

Item	Part No.	Qty.	Description Of Part
19	8348-3532	60	WASHER
20	7710-4344	2	SNAP RING
21	7710-4401	2	CONE BEARING (outer)
22	7710-4403	2	CUP BEARING (outer)
23	9102-4068	2	HUB (includes items 21,22,28,29)
24	7710-4413	24	WHEEL STUD
25	9102-4069	24	WASHER
26	9102-4070	24	WHEEL STUD NUT
27	7710-4404	2	CUP BEARING (inner)
28	7710-4405	2	CONE BEARING (inner)
29	9102-4071	2	OIL SEAL
30	9102-4072	2	BRAKE DISC
31	7710-4376	24	WASHER
32	9102-4073	24	CAPSCREW
33	9102-4074	2	SPINDLE
34	8698-4403	2	OIL SEAL
35	8348-3532	60	WASHER
36	9102-4075	60	CAPSCREW

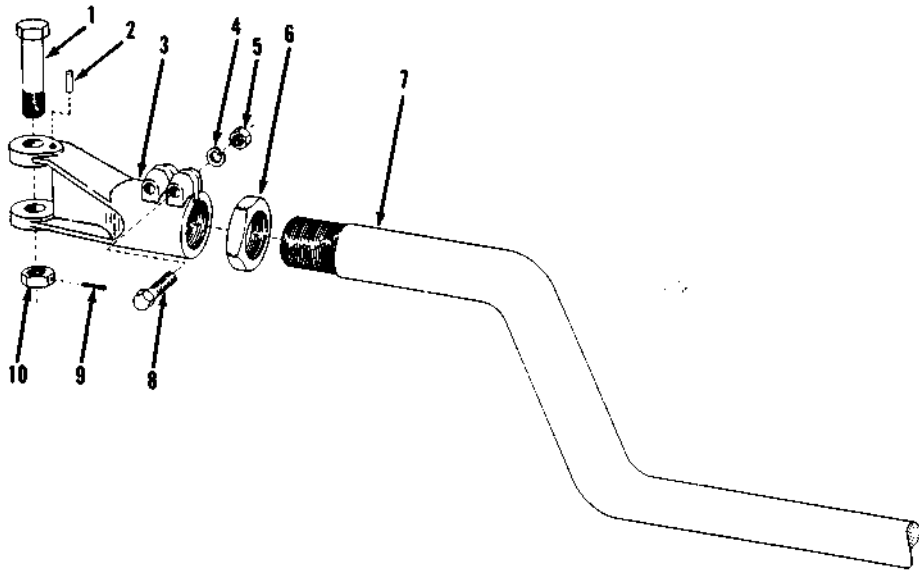
Item	Part No.	Qty.	Description Of Part
26	7710-4335	6	THRUST WASHER
27	7710-4336	6	PINION GEAR
28	7710-4337	6	THRUST WASHER
29	9020-3668	2	SPIDER
30	9020-3669	32	LOCKWASHER
31	8307-1621	32	BOLT
32		2 OZ	SILASTIC GASKET
33	9020-3672	2	THRUST BUTTON
34	9020-3673	2	COVER
35	9020-3558	2	OIL CHECK PLUG
36	9020-3674	16	BOLT
37	9020-3562	6	PINION SHAFT
38	7710-4342	6	THRUST BUTTON
39	7710-4344	2	SNAP RING
40	9020-3677	2	LOCKNUT
41	9020-3676	8	RING GEAR LOCK
42	9020-3675	16	BOLT



Item	Part No.	Qty.	Description Of Part
1	9020-3223	1	SHAFT & JOINT ASSEMBLY (includes cross & bearing kit)
	9020-3224	1	CROSS & BEARING KIT
2	9020-3641	1	STEERING KNUCKLE ASSEMBLY (includes items 3 thru 11)
3	7710-4358	1	BUSHING
4	NSS	1	STEERING KNUCKLE
5	7710-4369	1	JAM NUT
6	7710-4370	1	STEERING STOP SCREW
7	7710-4354	2	CAM BOLT
8	7710-4353	2	CAM WASHER
9	7710-4352	2	CAM SPRING
10	7710-4351	2	BRAKE SHOE ADJUSTMENT CAM
11	7710-4359	10	STUD
12	9020-3648	1	LOWER STEERING KNUCKLE CAP
13	7710-4366	4	CAPSCREW
14	9020-3650	4	BOLT
15	9020-3651	1	UPPER STEERING KNUCKLE CAP
16	7710-4360	AR	SHIM
	7710-4361	AR	SHIM
	7710-4362	AR	SHIM
17	9020-3655	1	THRUST WASHER

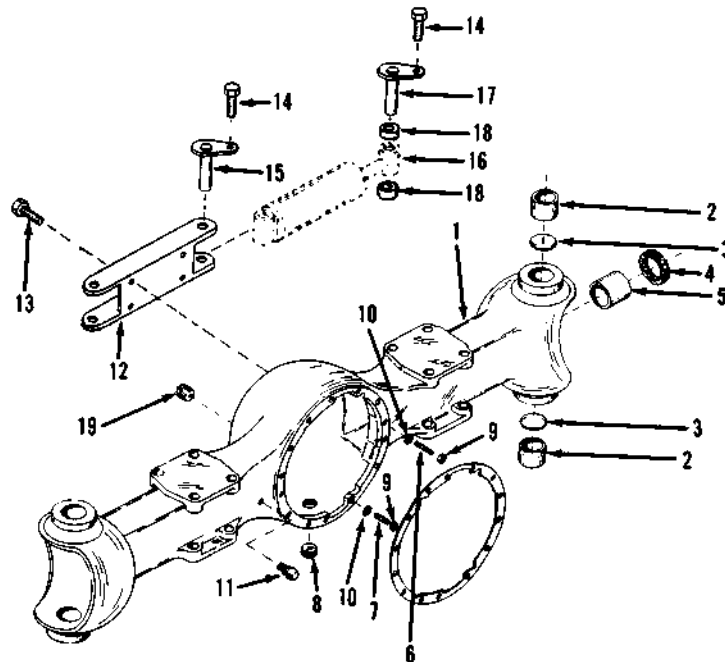


Item	Part No.	Qty.	Description Of Part
*	9102-4123	1	L.H. TIE ROD END ASSY
*	9102-4124	1	R.H. TIE ROD END ASSY
1	9102-4076	1	STEERING KNUCKLE (left)
	9102-4077	1	STEERING KNUCKLE (right)
2	9102-4078	12	SHIM (.003 thick)
3	9102-4079	8	SHIM (.005 thick)
4	9102-4080	4	SHIM (.020 thick)
5	9020-3655	1	THRUSTWASHER
6	9102-4081	2	STEERING BEARING CAP (lower)
7	9102-4082	2	STEERING BEARING CAP (upper)
8	7710-4366	16	CAPSCREW
9	8698-4404	4	GREASE FITTING
10	8348-3561	4	NUT
11	9102-4083	2	STEERING STOP SCREW
* 12	8668-3065	2	NUT
13	9102-4117	1	TIE ROD (includes item 12)
* 14	8863-1320	2	COTTER PIN, 1/8X1-1/2
15	9102-4085	2	BUSHING
16	9102-4086	1	UNIVERSAL JOINT ASSY (long)
	9102-4087	1	UNIVERSAL JOINT ASSY (short)

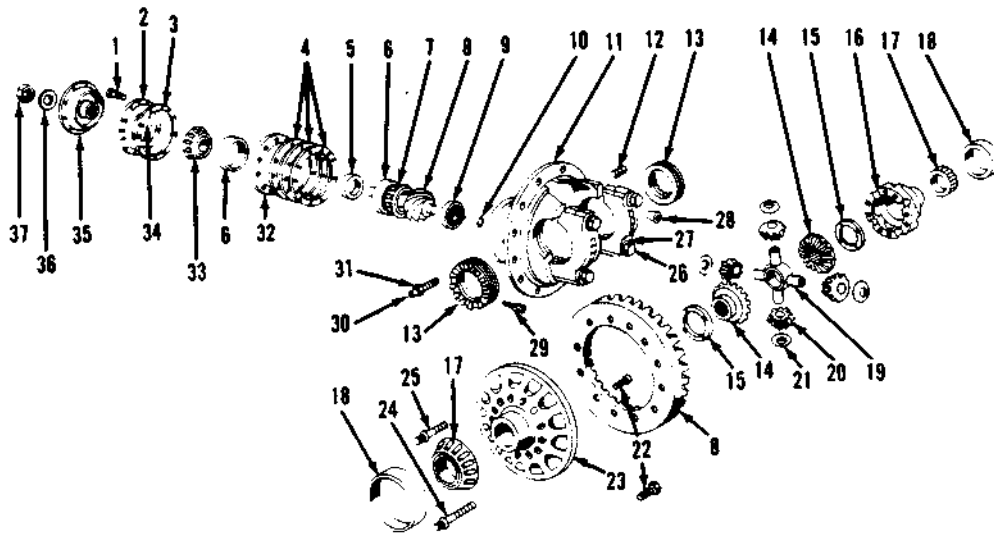


Item	Part No.	Qty.	Description Of Part
	9020-3680	1	TIE ROD and YOKE ASSEMBLY (consists of items 1 thru 10)
1	8307-1805	2	BOLT
2	7710-4374	2	PIN
3	7710-4380	1	TIE ROD YOKE (12 thrd)
	7710-4373	1	TIE ROD YOKE (16 thrd)
4	7710-4376	4	LOCKWASHER
5	8307-3441	4	NUT
6	7710-4379	2	JAM NUT
7	NSS	1	TIE ROD
8	7710-4375	4	BOLT
9	8307-3575	2	COTTER PIN
10	8307-1806	2	NUT

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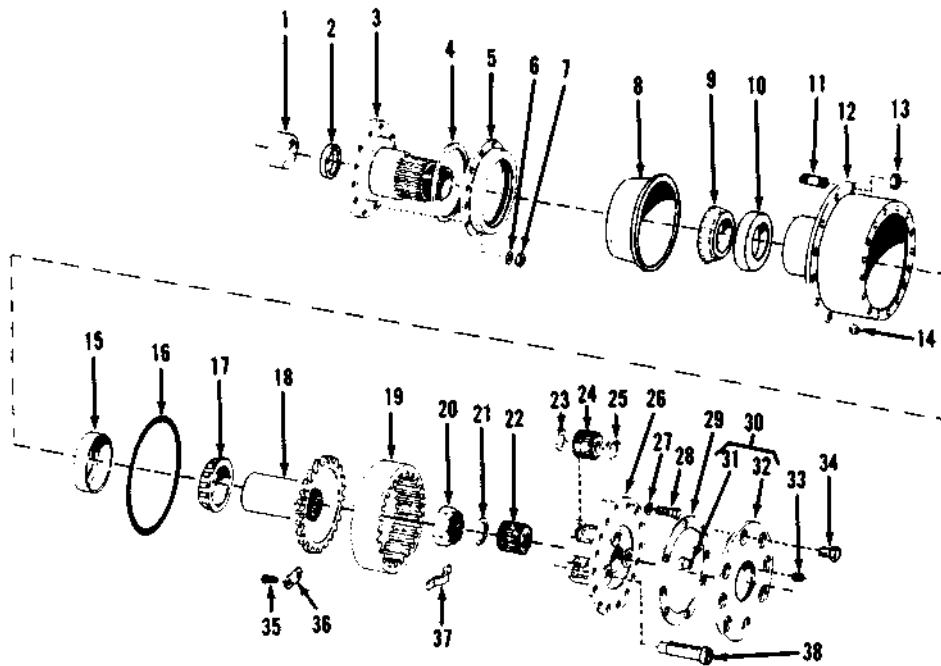


Item	Part No.	Qty.	Description Of Part
	9080-0543	1	COMPLETE STEERING DRIVE AXLE
1	9020-3697	1	HOUSING ASSEMBLY
2	9020-3625	4	KING PIN BUSHING
3	7710-4292	4	KINPIN EXPANSION PLUG
4	9020-1582	2	HOUSING SEAL
5	7710-4293	2	HOUSING BUSHING
6	9020-3698	4	STUD (long)
7	7710-4295	10	STUD (short)
8	9020-1257	1	DRAIN PLUG
9	8307-4832	14	NUT
10	9020-3702	14	WASHER
11	9020-1264	1	OIL BREATHER
12	9060-0553	1	STEERING CYLINDER BRACKET
13	9002-6562	2	SHOULDER BOLT
	8820-1109	2	HEX HD CAPSCREW, 3/4-10 x 1 1/2 Gr 5
14	8820-1565	4	HEX HD CAPSCREW, 1/2-20 x 1 1/4 Gr 5
15	9040-0621	2	PIN (cylinder to bracket)
16		2	STEERING CYLINDER
17	9040-0520	2	PIN (cylinder to axle)
18	9020-0534	4	SPACER
19	9020-3700	1	FILL PLUG



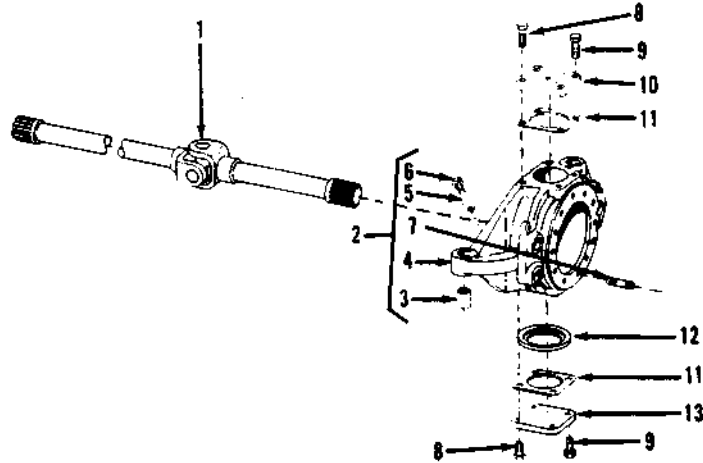
Item	Part No.	Qty.	Description Of Part
1	7710-4442	8	BOLT
2	9020-3716	1	BEVEL PINION COVER ASSY.
3	8698-4469	1	GASKET
4	7710-4320	3	SHIM (.005")
	7710-4321	2	SHIM (.010")
	7710-4319	1	SHIM (.003")
5			BEVEL PINION BEARING SPACER
6	8698-4471	2	BEVEL PINION CUP (Inner & outer)
7	8698-4478	1	BEVEL PINION CONE (inner)
8	9020-3723	1	PINION
9	8348-3557	1	BEVEL PINION BEARING (rear)
10	8348-3558	1	SNAP RING
11	9020-3725	1	CARRIER & BEARING CAP ASSEMBLY
12	8307-3699	1	OIL FILLER & LEVEL PLUG
13	8698-4482	2	DIFFERENTIAL BEARING ADJ. RING
14	9020-3727	2	DIFFERENTIAL SIDE GEAR
15	8698-4489	2	THRUST WASHER
16	9020-3729	1	PLAIN DIFFERENTIAL CASE
17	8698-4484	2	DIFF. CASE BEARING CONE
18	8698-4483	2	DIFF. CASE BEARING CUP
19	8698-4491	1	SPIDER
20	9020-3733	4	DIFFERENTIAL PINION GEAR
21	9020-3734	4	THRUST WASHER (diff. pinion)
22	9020-3736	12	RIVET
23	9020-3735	1	DIFF. FLANGE HALF CASE
24	9020-3737	8	BOLT (long)
25	9020-3588	4	BOLT (short)
26	7710-4325	4	BOLT (diff. bearing cap)

Item	Part No.	Qty.	Description Of Part
27	8368-3836	4	WASHER (diff. bearing cap)
28	8348-3442	4	DOWEL (diff. bearing cap)
29	8348-3441	2	COTTER PIN
30	9020-3742	1	SCREW
31	8307-3221	1	NUT
32	9020-3744	1	BEVEL PINION BEARING CASE ASSEMBLY
33	9020-3745	1	BEVEL PINION CONE (outer)
34	9020-3746	1	OIL SEAL
35	9020-3747	1	UNIVERSAL YOKE
36	8307-3316	1	WASHER
37	8698-4495	1	NUT

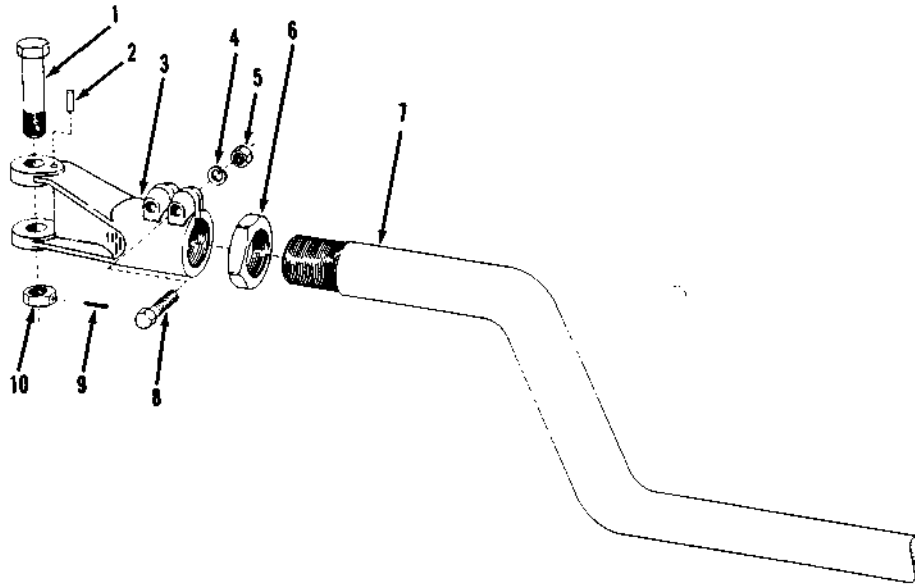


Item	Part No.	Qty.	Description Of Part
1	9020-3656	2	BUSHING
2	7710-4412	2	SEAL & SLEEVE ASSY
3	9020-3709	2	SPINDLE
4	9020-1450	2	"O" RING
5	9020-3225	2	OIL SEAL & RETAINER ASSY.
6	9020-3710	24	FLAT WASHER
7	8540-3227	24	NUT
8	7710-4406	2	OIL SLINGER
9	7710-4405	2	CONE BEARING (inner)
10	7710-4404	2	CUP BEARING (inner)
11	9020-3543	24	WHEEL STUD
12	9020-3711	2	HUB
13	8348-1282	24	WHEEL NUT
14	9020-3544	2	OIL DRAIN PLUG
15	7710-4403	2	CUP BEARING (outer)
16		2 OZ	SILASTIC GASKET
17	7710-4401	2	CONE BEARING (outer)
18	9020-3712	2	HUB & SLEEVE ASSEMBLY
19	9020-3713	2	RING GEAR
20	9020-3549	2	NUT
21	9020-1895	2	THRUST WASHER
22	7710-4345	2	SUN GEAR
23	7710-4335	6	INNER THRUST WASHER
24	7710-4336	6	PINION GEAR
25	7710-4337	6	OUTER THRUST WASHER
26	9020-3553	2	SPIDER
27	8540-3189	32	LOCKWASHER

Item	Part No.	Qty.	Description Of Part
28	8307-1622	32	BOLT
29	9020-1449	2	GASKET
30	9020-3555	2	COVER ASSEMBLY (includes items 31 & 32)
31	7710-4341	2	THRUST BUTTON
32	9020-3557	2	COVER
33	9020-3558	2	OIL CHECK PLUG
34	9020-3559	16	BOLT
35	9020-3560	16	BOLT
36	9020-3561	8	RING GEAR LOCK
37	9020-1898	4	LOCKNUT
38	9020-3562	6	PINION SHAFT

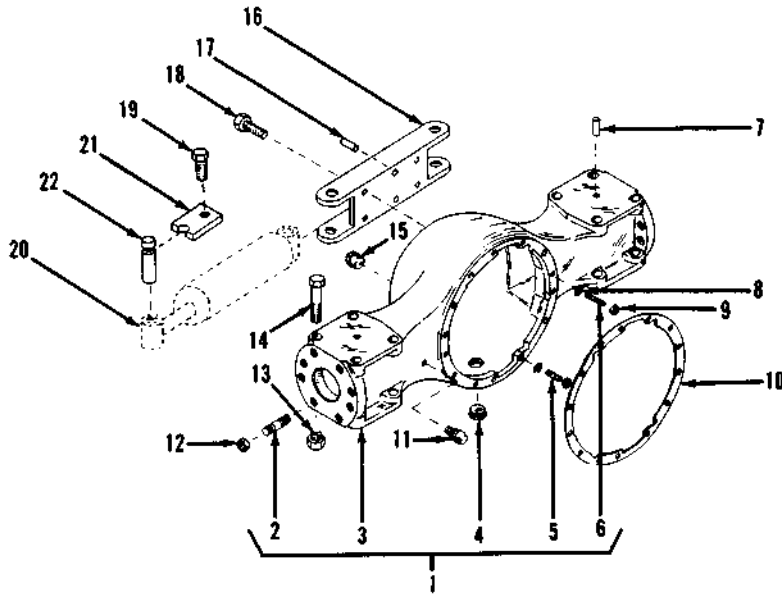


Item	Part No.	Qty.	Description Of Part
1	9020-3703	2	SHAFT and JOINT ASSEMBLY
2	9020-3704	2	STEERING KNUCKLE ASSEMBLY (includes items 3 thru 7)
3	7710-4358	2	BUSHING
4	NSS	2	STEERING KNUCKLE
5	7710-4369	2	NUT
6	9020-3706	2	STEERING STOP SCREW
7	7710-4359	20	STUD
8	7710-4366	6	BOLT (steering knuckle cap inner)
9	8698-4405	8	BOLT (steering arm and cap outer)
10	9020-3651	2	STEERING KNUCKLE UPPER CAP
11	7710-4360	10	SHIM (.003")
	7710-4361	8	SHIM (.005")
	7710-4362	6	SHIM (.020")
12	9020-3655	2	THRUST WASHER
13	9020-3648	2	STEERING KNUCKLE LOWER CAP

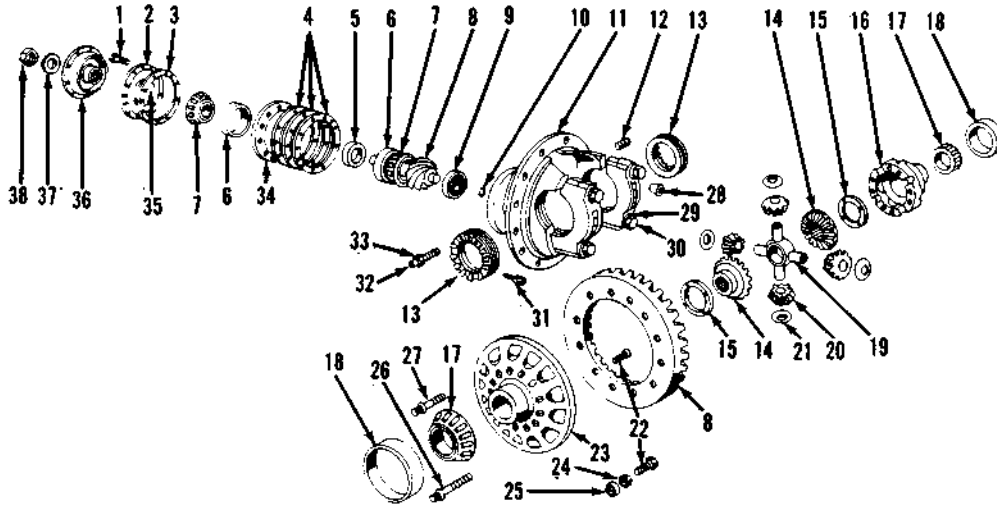


Item	Part No.	Qty.	Description Of Part
	7710-4372	1	TIE ROD and YOKE ASSY. (consists of items 1 thru 10)
1	8307-1805	2	BOLT
2	7710-4374	2	PIN
3	7710-4380	1	TIE ROD YOKE (12 thrd)
	7710-4373	1	TIE ROD YOKE (16 thrd)
4	7710-4376	4	LOCKWASHER
5	8307-3441	4	NUT
6	7710-4379	2	JAM NUT
7	NSS	1	TIE ROD
8	7710-4375	4	BOLT
9	8307-3575	2	COTTER PIN
10	8307-1806	2	NUT

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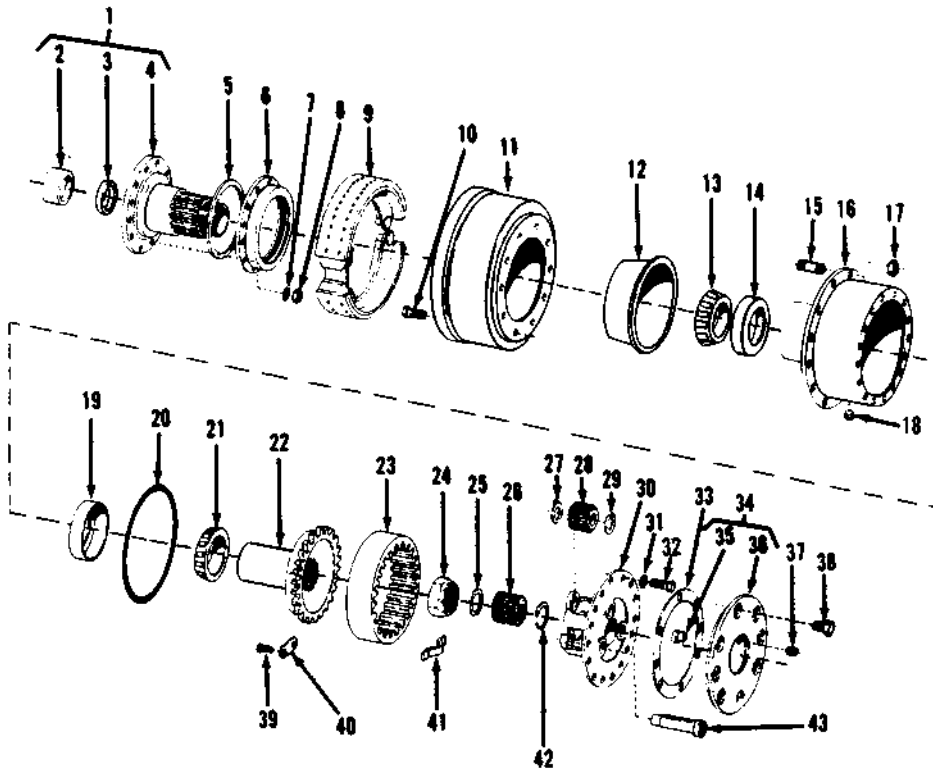


Item	Part No.	Qty.	Description Of Part
1	9060-0087	2	COMPLETE STEERING DRIVE AXLE
	9020-1256	1	HOUSING ASSEMBLY (consists of items 2 thru 6)
2	9020-1260	16	STUD
3	NSS	1	HOUSING
4	7710-4290	1	DRAIN PLUG
5	9020-1258	10	SHORT STUD
6	8698-4013	4	LONG STUD
7		2	DOWEL
8	9020-1263	14	HARD WASHER
9	8668-3065	14	NUT
10	8309-1240	1	GASKET
11	9020-1264	1	OIL BREATHER
12	7710-4377	16	NUT
13		8	NUT
14		8	BOLT
15	8871-1256	1	SQ. HD PIPE PLUG, 1 1/4"
16	9060-0254	1	STEERING BRACKET
17	9020-0421	2	DOWEL
18	8820-1110	4	HEX HD CAPSCREW, 3/4-10 x 1 3/4 Gr 5
19	8820-1565	4	HEX HD CAPSCREW, 1/2-20 x 1 1/4 Gr 5
20		2	STEERING CYLINDER (see pg. 10-10 for breakdown)
21	9020-0430	4	KEEPER
22	9040-0319	4	PIN



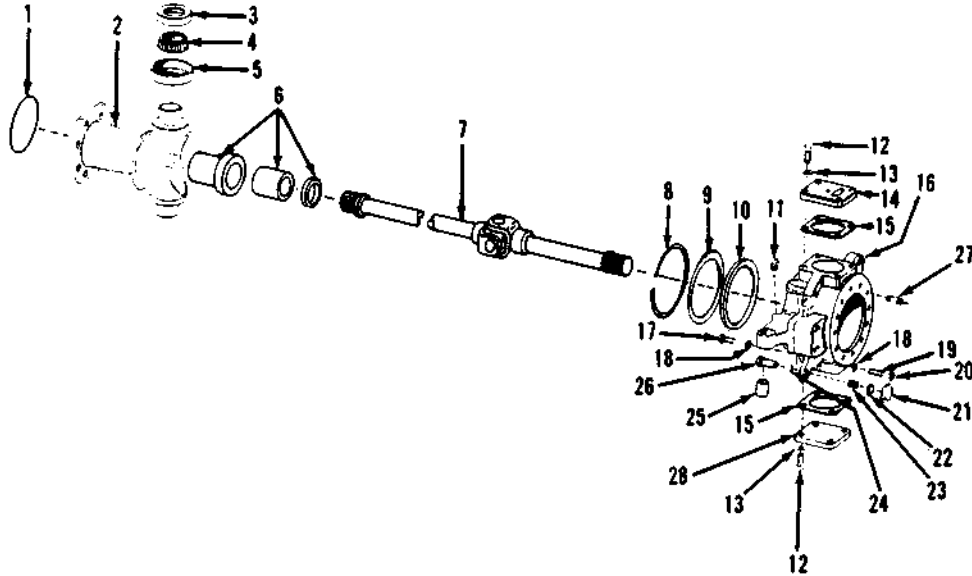
Item	Part No.	Qty.	Description Of Part
1	8307-1621	8	BOLT
2	9020-3564	1	BEVEL PINION COVER ASSEMBLY
3	9020-1589	1	GASKET
4	9020-3565	2	SHIM (.003")
	9020-3566	6	SHIM (.005")
	9020-3567	5	SHIM (.010")
5			BEVEL PINION BEARING SPACER
6	8338-4199	2	INNER BEVEL PINION CUP
7	9020-3569	2	INNER BEVEL PINION CONE
8	9020-3570	1	GEAR & PINION ASSEMBLY
9	9020-3571	1	REAR BEVEL PINION BEARING
10	8348-3558	1	PILOT BEARING SNAP RING
11	9020-3573	1	CARRIER & BEARING CAP ASSEMBLY
12	8307-3699	1	FILLER & OIL LEVEL PLUG
13	9020-3575	2	DIFF. BEARING ADJUSTMENT RING
14	9020-3576	2	DIFF. SIDE GEAR
15	8308-1167	2	THRUST WASHER
16	9020-3578	1	DIFFERENTIAL CASE
17	8348-3402	2	DIFFERENTIAL CONE (left)
18	8307-1570	2	DIFFERENTIAL CUP (left)
19	8688-1718	1	DIFFERENTIAL SPIDER
20	9020-3582	4	DIFFERENTIAL GEAR
21	9020-3583	4	THRUST WASHER
22	9020-3585	12	BOLT
23	9020-3584	1	DIFFERENTIAL CASE
24	8308-1182	12	WASHER

Item	Part No.	Qty.	Description Of Part
25	8348-1440	12	NUT
26	9020-3588	4	BOLT (long)
27	9020-3589	8	BOLT (short)
28	8348-3442	4	DOWEL
29	8540-4005	4	WASHER
30	8698-4512	4	BOLT
31	8348-3441	2	COTTER PIN
32	8348-3560	1	SCREW
33	8348-3561	1	NUT
34	9020-3596	1	BEVEL PINION BEARING CAGE ASSEMBLY
35	9020-1588	1	OIL SEAL
36	9020-3597	1	UNIVERSAL YOKE
37	8307-1464	1	WASHER
38	8348-3419	1	NUT

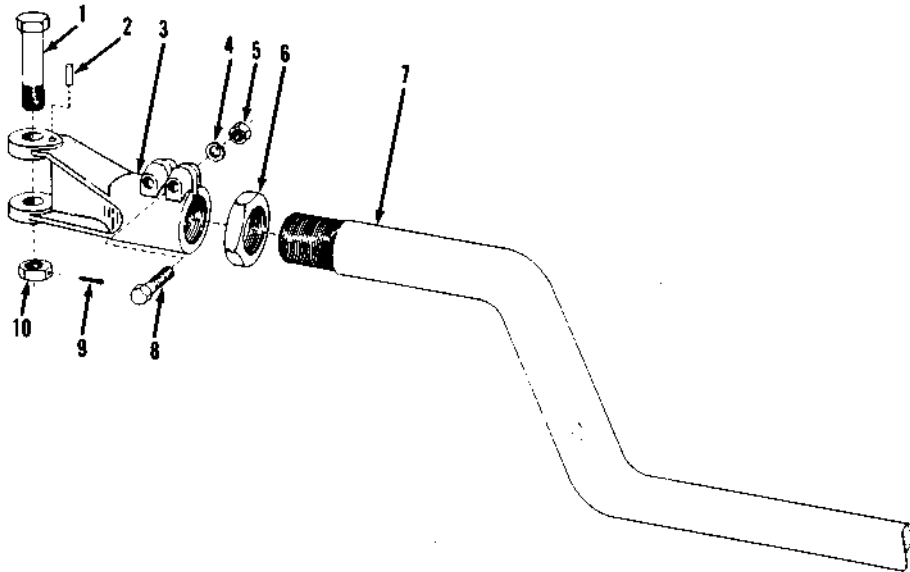


Item	Part No.	Qty.	Description Of Part
1	9041-0054	2	SPINDLE ASSEMBLY (consists of items 2 thru 4)
2	9020-1869	2	BEARING
3	9020-1445	2	SEAL
4	NSS	2	SPINDLE
5	9020-1540	2	"O" RING
6	9020-1734	2	OIL RING AND RETAINER ASSEMBLY
7	9020-3534	24	FLAT WASHER
8	9020-3535	24	NUT
9	7710-4387	2	BRAKE SHOE ASSEMBLY (left front, right rear)
	7710-4383	2	BRAKE SHOE ASSEMBLY (left rear, right front)
10	9020-3538	20	BOLT
11	9020-3539	2	BRAKE DRUM
12	7710-4406	2	OIL SLINGER
13	9020-3541	2	INNER BEARING CONE
14	7710-4444	2	INNER BEARING CUP
15	9020-3543	24	WHEEL STUD
16	9041-0053	2	HUB
17	8348-1282	24	WHEEL STUD NUT
18	9020-3544	2	OIL DRAIN PLUG
19	7710-4403	2	OUTER BEARING CUP
20	9020-1451	2	"O" RING
21	7710-4401	2	OUTER BEARING CONE
22	9020-3547	2	HUB & SLEEVE ASSEMBLY
23	9020-3548	2	RING GEAR

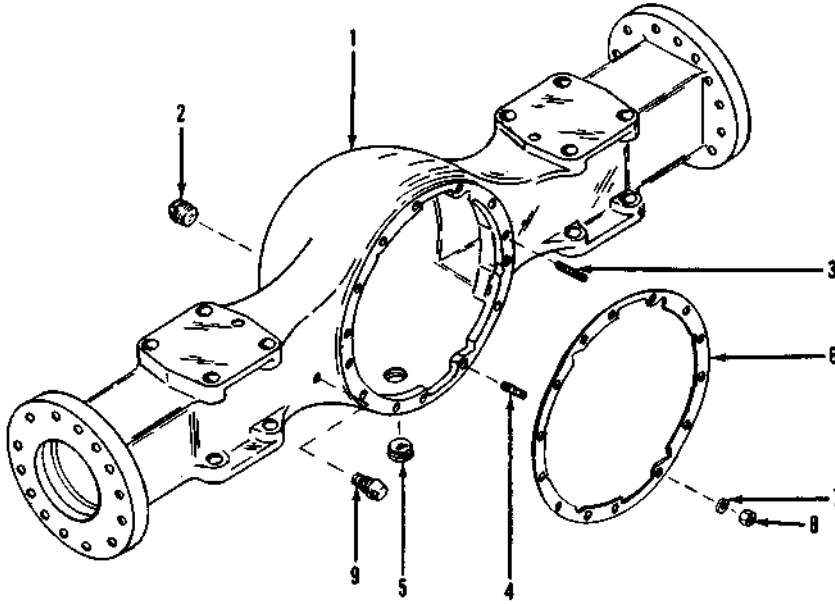
Item	Part No.	Qty.	Description Of Part
24	9020-3549	2	NUT
25	9020-1895	2	THRUST WASHER
26	7710-4345	2	SUN GEAR
27	7710-4335	6	WASHER
28	7710-4336	6	PINION GEAR
29	7710-4337	6	THRUST WASHER
30	9020-3553	2	SPIDER
31	8855-1013	32	LOCKWASHER, 1/2
32	9020-3554	32	BOLT
33	9020-1449	2	GASKET
34	9020-3555	2	COVER ASSEMBLY
35	7710-4341	2	DRIVE SHAFT THRUST BUTTON
36	9020-3557	2	COVER
37	9020-3558	2	OIL PILL PLUG (1/4" npt. skt. Hd)
38	9020-3559	16	BOLT
39	9020-3560	16	BOLT
40	9020-3561	8	RING GEAR LOCK
41	9020-1898	4	LOCK NUT
42	7710-4434	2	SNAP RING
43	9020-3562	6	PINION SHAFT



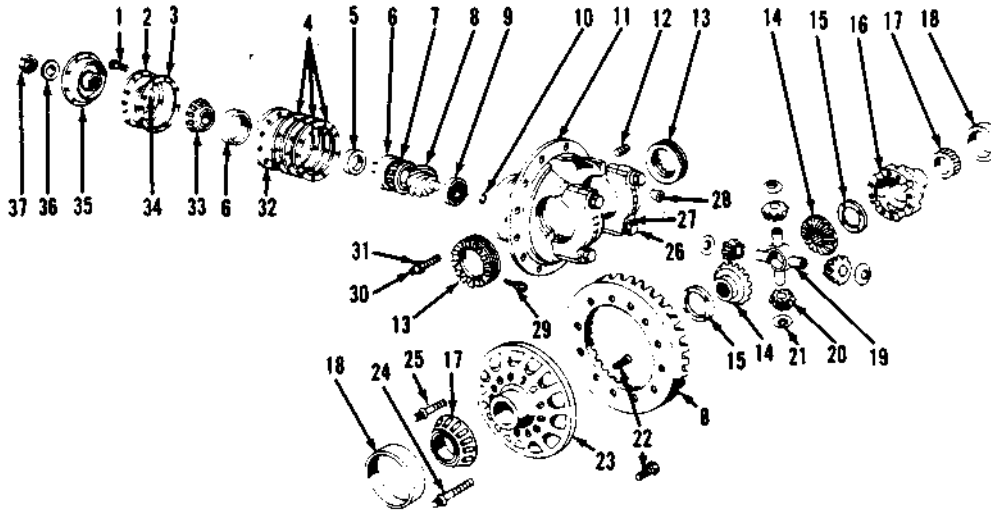
Item	Part No.	Qty.	Description Of Part
1	9020-3512	2	"O" RING
2	9020-1872	2	TRUNNION SOCKET
3	8307-3071	4	BEARING CUP
4	8307-3070	4	BEARING CONE
5	9020-3515	2	GREASE RETAINER
6	9020-1871	2	AXLE SHAFT SUPPORT, BUSHING & INNER SEAL
	7710-4293	2	BUSHING
	9020-1582	2	SEAL
7	9020-3223	2	SHAFT & JOINT ASSEMBLY
	9020-3224	2	CROSS & BEARING KIT
8	9020-3516	2	SNAP RING
9	9020-3517	2	WASHER
10	9020-1568	2	OIL SEAL
11	9020-3518	2	BOLT
12	7710-4408	16	BOLT
13	8855-1015	16	LOCKWASHER, 5/8
14	9020-3520	2	UPPER CAP
15	9020-3521	20	SHIM (.005")
	9020-3522	4	SHIM (.010")
16	9020-3233		STEERING FLANGE (includes items 11,17 thru 26, & 28)
17	9020-3523	4	BOLT
18	8855-1013	16	LOCKWASHER, 1/2
19	9020-3524	4	BOLT
20	9020-3525	4	NUT
21	7710-4351	4	BRAKE SHOE ADJUSTMENT CAM
22	9020-3527	4	RETAINER
23	9020-3528	4	SPRING
24	9020-3529	8	WASHER
25	7710-4358	2	BUSHING
26	9020-3531	4	BOLT
27	9020-3532	10	STUD
28	9020-3533	2	LOWER CAP



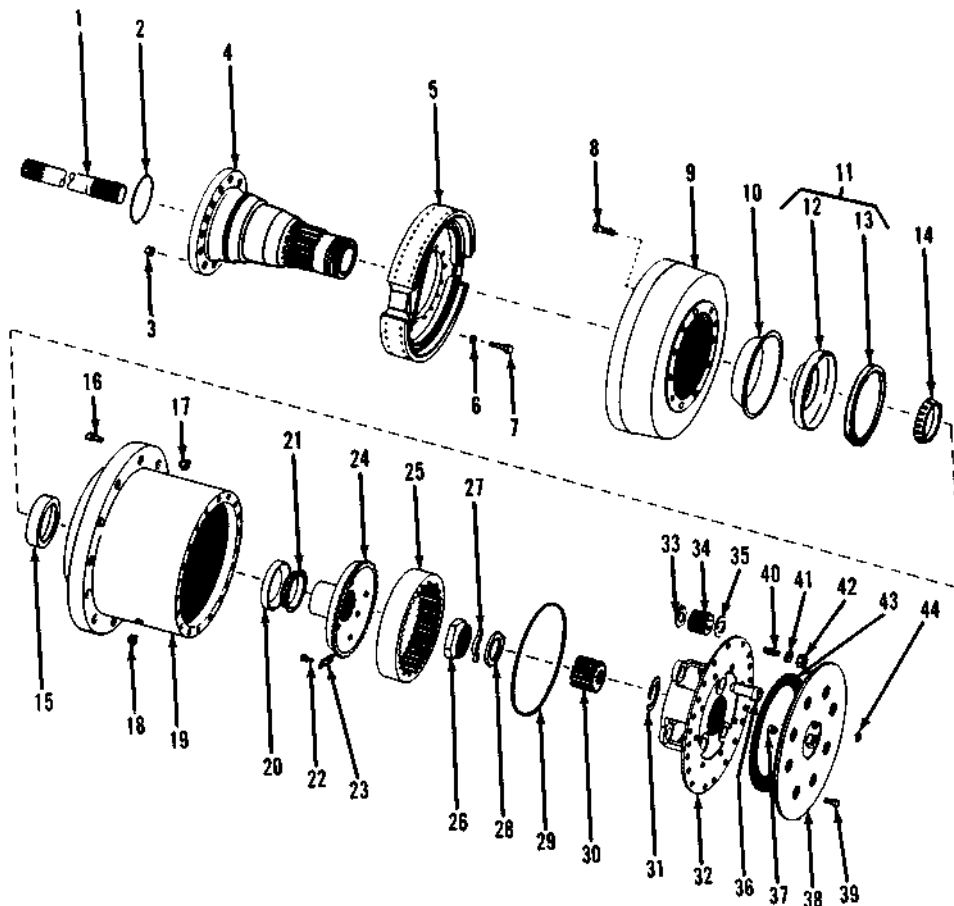
Item	Part No.	Qty.	Description Of Part
	9020-1267	1	TIE ROD and YOKE ASSY. (consists of items 1 thru 10)
1	8307-1805	2	BOLT
2	7710-4374	2	PIN
3	8307-1803	1	TIE ROD YOKE (1 3/4-12 thrd)
	8307-1804	1	TIE ROD YOKE (1 3/4-16 thrd)
4	8855-1013	4	LOCKWASHER, 1/2
5	8850-1308	4	HEX NUT, 1/2-20
6	7710-4379	2	JAM NUT
7	NSS	1	TIE ROD
8	8820-1571	4	HEX HD CAPSCREW, 1/2-20 x 2 3/4 Gr 5
9	8307-3575	2	COTTER PIN
10	8307-1806	2	NUT



Item	Part No.	Qty.	Description Of Part
1	9020-3751	1	HOUSING
2	8871-1256	1	SQ HD PIPE PLUG, 1 1/4"
3	8698-4013	4	STUD (long)
4	9020-1258	10	STUD (short)
5	7710-4290	1	DRAIN PLUG
6		2 OZ	SILASTIC
7	9020-3752	14	WASHER
8	8307-4832	14	NUT
9	9020-3753	1	BREATHER

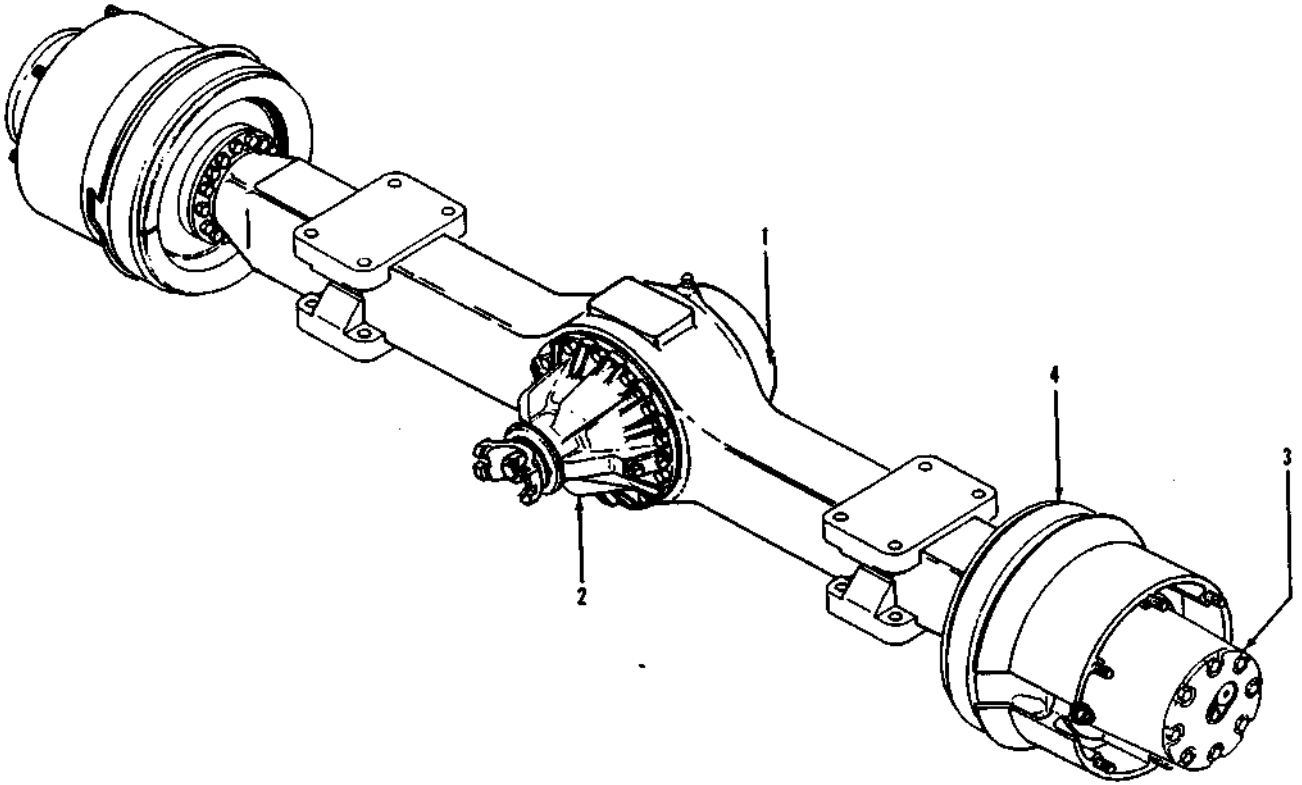


Item	Part No.	Qty.	Description Of Part
1	7710-4442	8	BOLT
2	9020-3716	1	BEVEL PINION COVER ASSEMBLY
3	9020-3717	1	GASKET
4	7710-4320	3	SHIM (.005")
	7710-4321	2	SHIM (.010")
	7710-4319	1	SHIM (.003")
5			BEVEL PINION BEARING SPACER
6	8698-4471	2	BEVEL PINION CUP (inner & outer)
7	8698-4478	1	BEVEL PINION CONE (inner)
8	9020-3723	1	PINION
9	8348-3559	1	BEVEL PINION BEARING (rear)
10	8348-3558	1	PILOT BEARING SNAP RING
11	9020-3725	1	CARRIER & BEARING CAP ASSEMBLY
12	8307-3699	1	OIL FILLER & LEVEL PLUG
13	8698-4482	2	DIFF. BEARING ADJUSTING RING
14	9020-3727	2	DIFFERENTIAL SIDE GEAR
15	9020-3728	2	THRUST WASHER
16	9020-3729	1	DIFFERENTIAL CASE (plain)
17	8698-4484	2	DIFF. CASE BEARING CONE
18	8698-4483	2	DIFF. CASE BEARING CUP
19	8698-4491	1	SPIDER
20	9020-3733	4	DIFFERENTIAL PINION GEAR
21	9020-3734	4	DIFF. PINION THRUST WASHER
22	8307-3046	12	RIVET
23	9020-3735	1	DIFF. FLANGE HALF CASE
24	9020-3737	8	BOLT
25	9020-3588	4	BOLT (short)
26	9020-3738	4	DIFF. BEARING CAP BOLT
27	8368-3836	4	DIFF. BEARING CAP WASHER
28	8348-3442	4	DIFF. BEARING CAP DOWEL
29	8348-3441	2	COTTER PIN
30	9020-3742	1	SCREW
31	8307-3221	1	NUT
32	9020-3744	1	BEVEL PINION BEARING CASE ASSY.
33	9020-3745	1	OUTER BEVEL PINION CONE
34	9020-3746	1	OIL SEAL
35	9020-3792	1	UNIVERSAL YOKE
36	8307-3316	1	WASHER
37	8698-4495	1	NUT

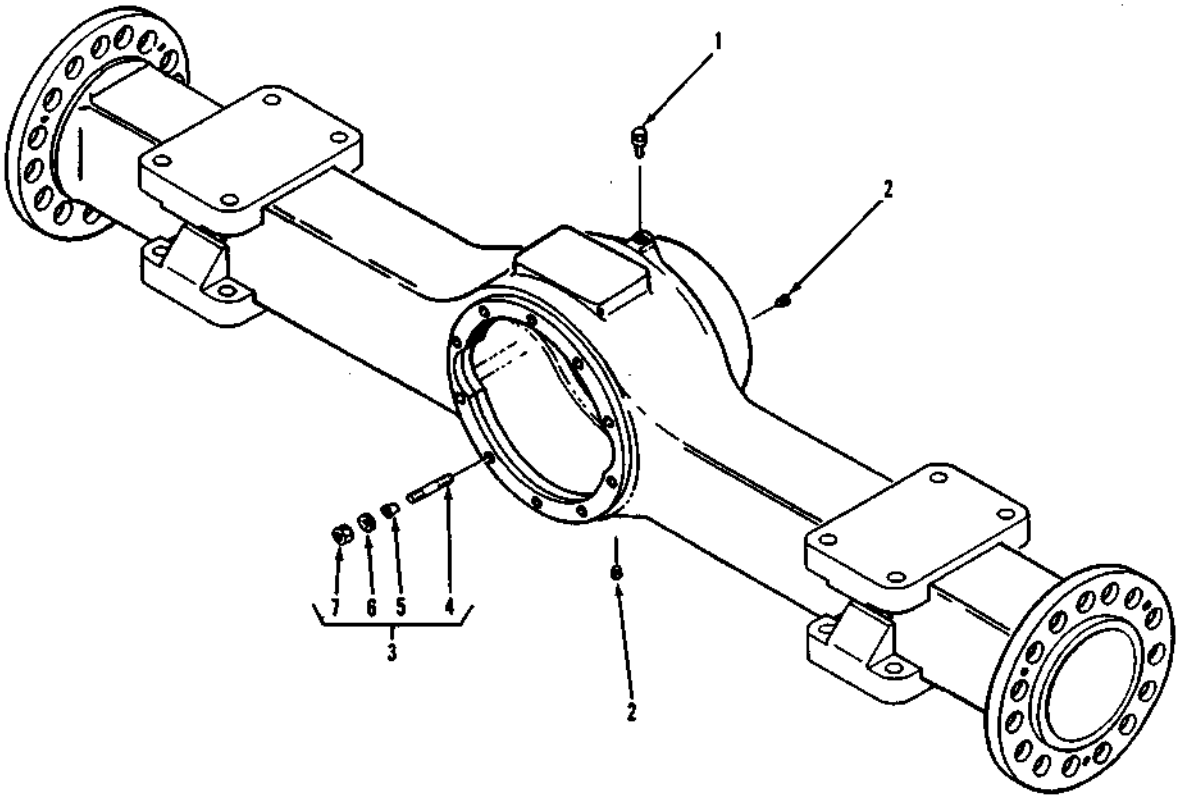


Item	Part No.	Qty.	Description Of Part
1	9020-3754	1	SHAFT (right)
	9020-3755	1	SHAFT (left)
2	9020-3756	2	SEAL
3	9020-3757	28	NUT
4	9020-3758	2	SPINDLE
5		2	BRAKE ASSY. (see brake pg)
6	9020-3759	28	WASHER
7	8698-4014	28	BOLT
8	9020-3761	20	BOLT
9	7710-4447	2	BRAKE DRUM
10	9020-3763	2	OIL SLINGER

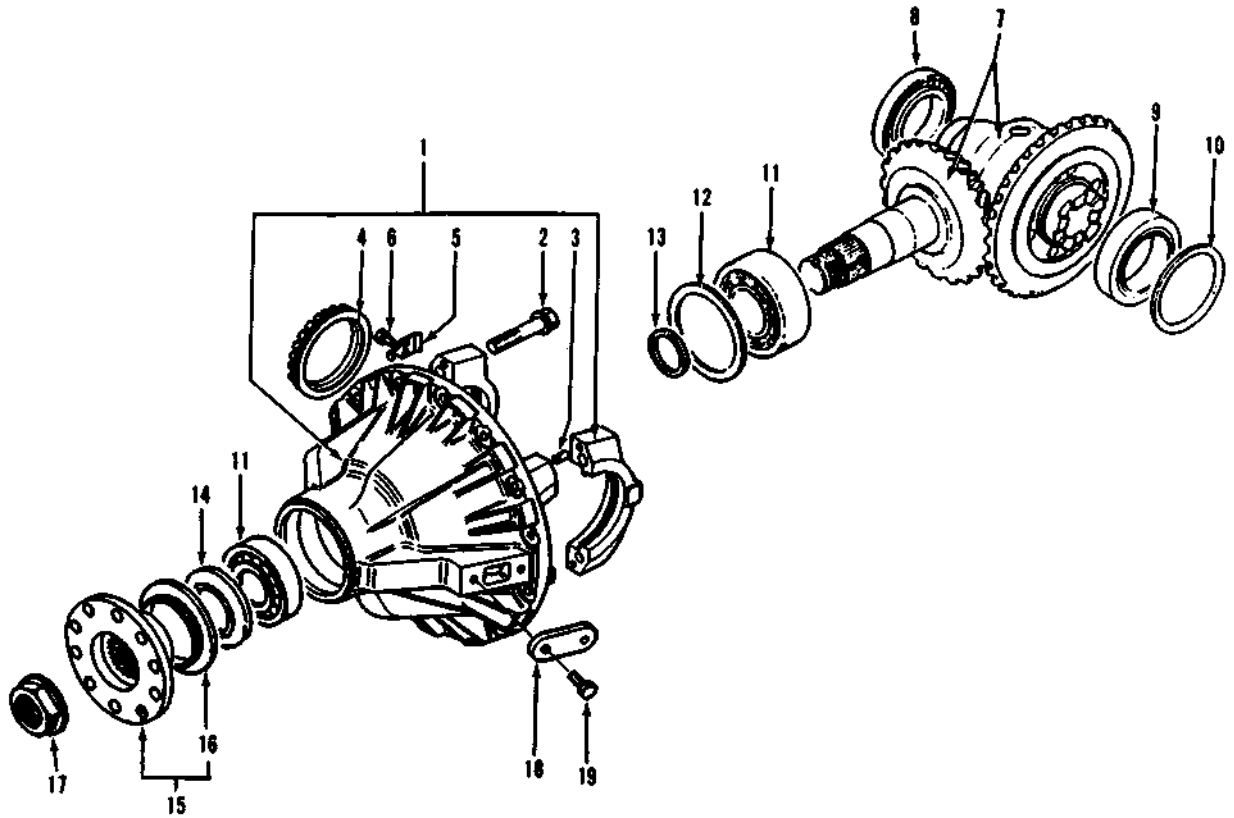
Item	Part No.	Qty.	Description Of Part
11	9020-3764	2	OIL SEAL & RETAINER ASSEMBLY (includes items 12 & 13)
12	NSS		RETAINER
13	9020-3765	2	OIL SEAL
14	7710-4445	2	INNER CONE BEARING
15	7710-4444	2	INNER CUP BEARING
16	9020-3768	20	WHEEL STUD
17	9020-3769	20	NUT
18	8307-3451	2	DRAIN PLUG
19	9020-3771	2	HUB
20	9020-3772	2	OUTER CUP BEARING
21	9020-3773	2	OUTER CONE BEARING
22	8307-3244	16	BOLT
23	9020-3776	8	PLANETARY RING GEAR LOCK
24	9020-3774	2	PLANETARY RING GEAR SLEEVE
25	9020-3777	2	PLANETARY RING GEAR
26	8669-1166	2	NUT
27	9020-3779	4	HUB BEARING NUT LOCK
28	9020-3780	2	WASHER
29		2 OZ	SILASTIC GASKET
30	9020-3781	2	SUN GEAR
31	9020-3782	2	SNAP RING
32	9020-3786	2	SPIDER
33	9020-3783	6	INNER THRUST WASHER
34	9020-3784	6	PINION
35	9020-3785	6	OUTER THRUST WASHER
36	9020-3787	6	PLANETARY PINION SHAFT
37	7710-4341	2	THRUST BUTTON
38	9020-3791	2	COVER
39			BOLT
40	9020-3788	24	STUD
41	8348-3532	24	WASHER
42	8698-4081	24	NUT
43		2 OZ	SILASTIC GASKET
44	9020-3558	1	LEVEL PLUG



Item	Part No.	Qty.	Description Of Part
1	9101-3118	1	AXLE ASSY (includes all items)
	9101-4078	Ref	AXLE HOUSING ASSY (see page 6-65 for details)
2	9101-4080	Ref	DIFFERENTIAL CARRIER ASSY (see page 6-66 for details)
3	9101-4082	Ref	WHEEL HUB ASSY (see page 6-67 for details)
4	9101-4105	Ref	BRAKE ASSY (see page 8-28 for details)

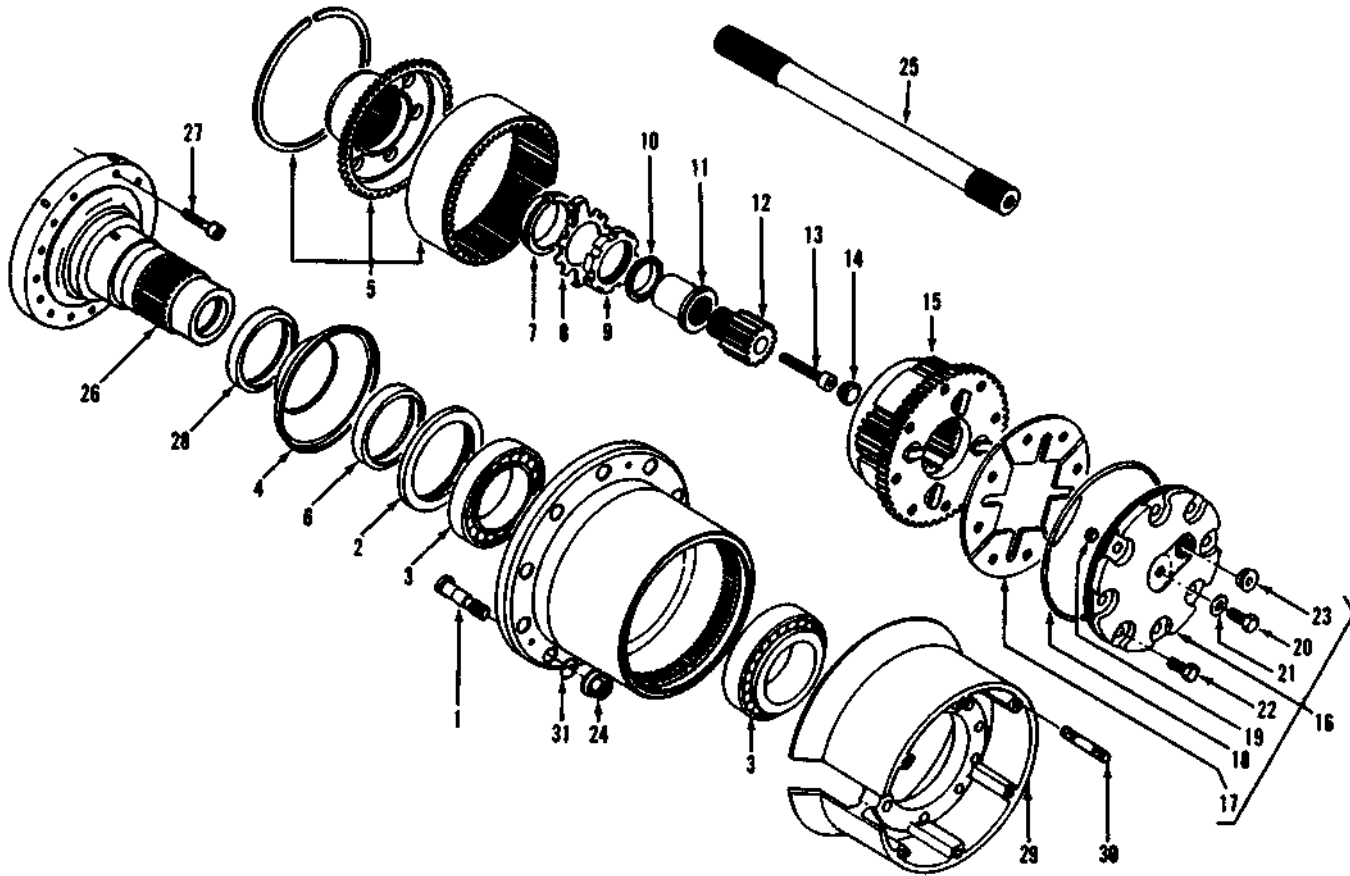


Item	Part No.	Qty.	Description Of Part
	9101-4078	Ref	AXLE HOUSING ASSY (includes all items)
1	9104-4445	1	BREATHER
2	9104-4446	1	PLUG
3	9101-4079	1	FASTENING SET (includes items 4, 5, 6 & 7)
4	9104-4139	14	STUD
5	9104-4140	3	TAPER RING
6	9104-4141	14	WASHER
7	9104-4142	14	NUT



Item	Part No.	Qty.	Description Of Part
	9101-4080	Ref	DIFFERENTIAL CARRIER ASSY (includes all items)
1	9104-4152	1	HOUSING & COVER ASSY (includes items 2, 3, 4, 5 & 6)
2	9104-4156	4	CAPSCREW
3	9104-4157	4	LOCATING PIN
4	9104-4153	1	ADJUSTING NUT
5	9104-4155	1	LOCK PLATE
6	9104-4154	1	CAPSCREW
7	9101-4131	1	BEVEL GEAR SET (12X35 L.H.)
8	9104-4161	1	TAPER BEARING

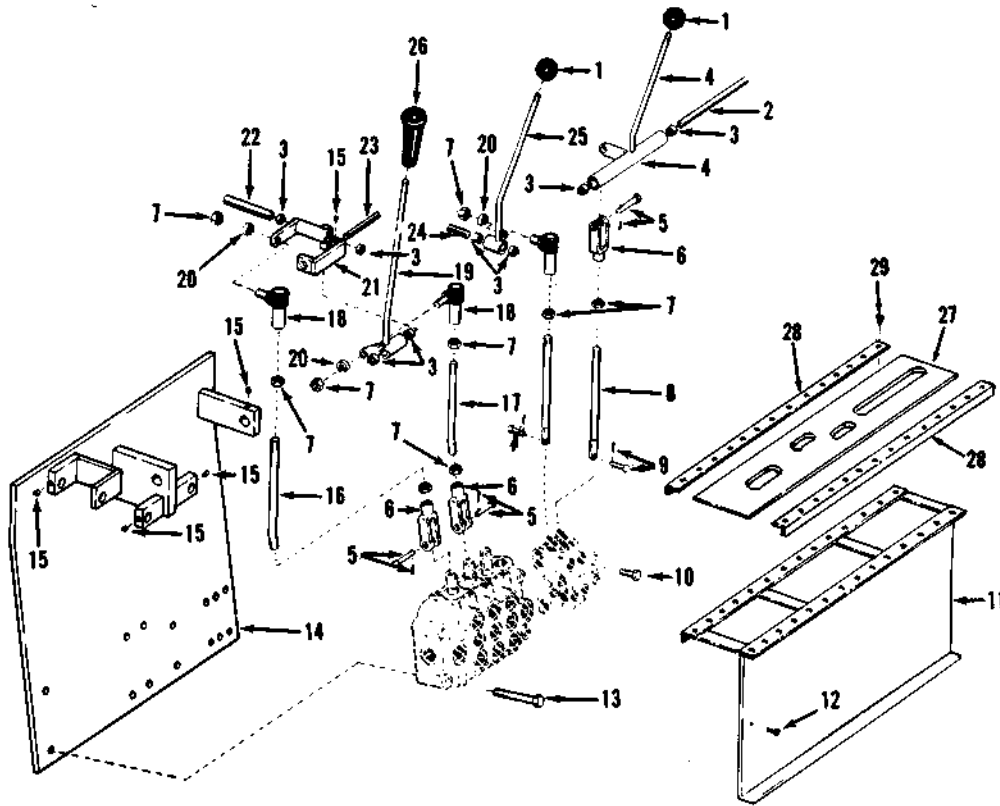
Item	Part No.	Qty.	Description Of Part
9	9104-4163	1	TAPER BEARING
10	9104-4164	1	ADJUSTING SHIM KIT
11	9101-4081	1	TAPER BEARING KIT
12	9104-4159	1	ADJUSTING SHIM KIT
13	9104-4158	1	ADJUSTING SHIM KIT
14	9104-4451	1	OIL SEAL
15	9104-4452	1	FLANGE ASSY (includes item 16)
16	9104-4147	1	DUST COVER
17	9104-4145	1	ADJUSTING NUT
18	9104-4150	1	COVER
19	9104-4151	2	CAPSCREW



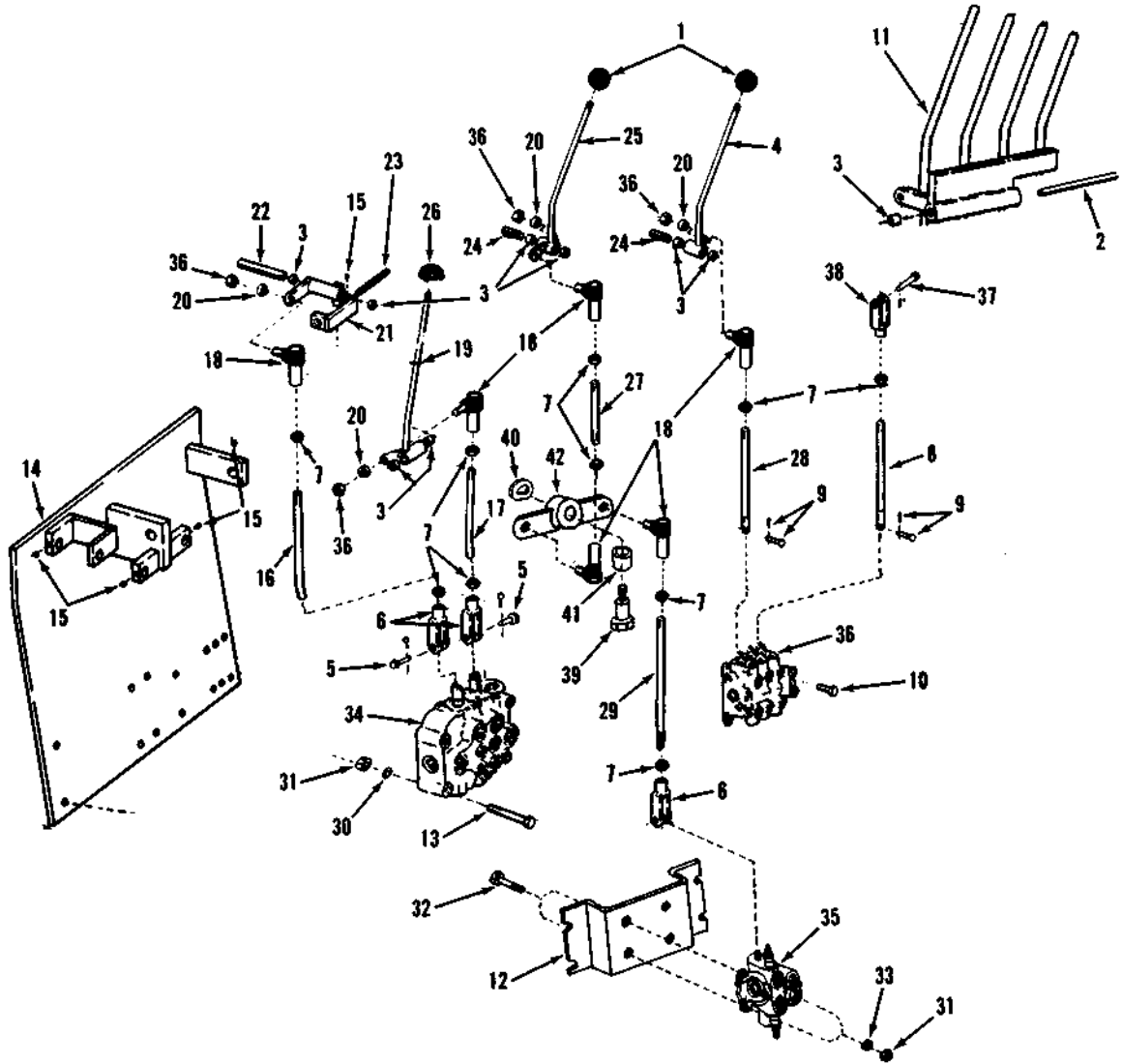
Item	Part No.	Qty.	Description Of Part
	9101-4082	Ref	WHEEL HUB ASSY (includes items 1, 2, 3 & 4)
1	9101-4083	10	WHEEL STUD
2	9101-4084	1	OIL SEAL
3	9101-4085	2	TAPER BEARING
4	9101-4086	1	HUB DEFLECTOR
5	9101-4087	1	RING GEAR CARRIER ASSY
6	9101-4088	1	SEAL RACE
7	9101-4089	1	TAPER RING
8	9101-4090	1	LOCKWASHER
9	9101-4091	1	SPINDLE NUT
10	9101-4092	1	SPINDLE RING
11	9101-4093	1	BEARING
12	9101-4094	1	SUN GEAR
13	9101-4095	1	CAPSCREW
14	9101-4096	1	THRUST END SET
15	9104-4460	1	PLANETARY GEAR CARRIER ASSY
16	9101-4097	1	COVER ASSY (includes items 17 thru 23)

Item	Part No.	Qty.	Description Of Part
17	9104-4170	4	SECTOR PLATE
18	9101-4098	1	O-RING
19	9101-4099	1	THRUST WASHER
20	9104-4169	1	CAPSCREW
21	9040-1259	1	GASKET
22	9021-0105	8	CAPSCREW
23	9104-4446	1	PLUG
24	9101-4100	10	WHEEL NUT
25	9101-4101	1	AXLE SHAFT
26	9101-4102	1	SPINDLE
27	9101-4103	3	CAPSCREW
28	9101-4104	1	SPINDLE DEFLECTOR
29	9020-8226	1	WHEEL ADAPTER
30	9020-8227	6	STUD
31	9020-1854	10	WASHER

NOTE: QUANTITIES SHOWN ARE FOR ONE WHEEL END ASSY.

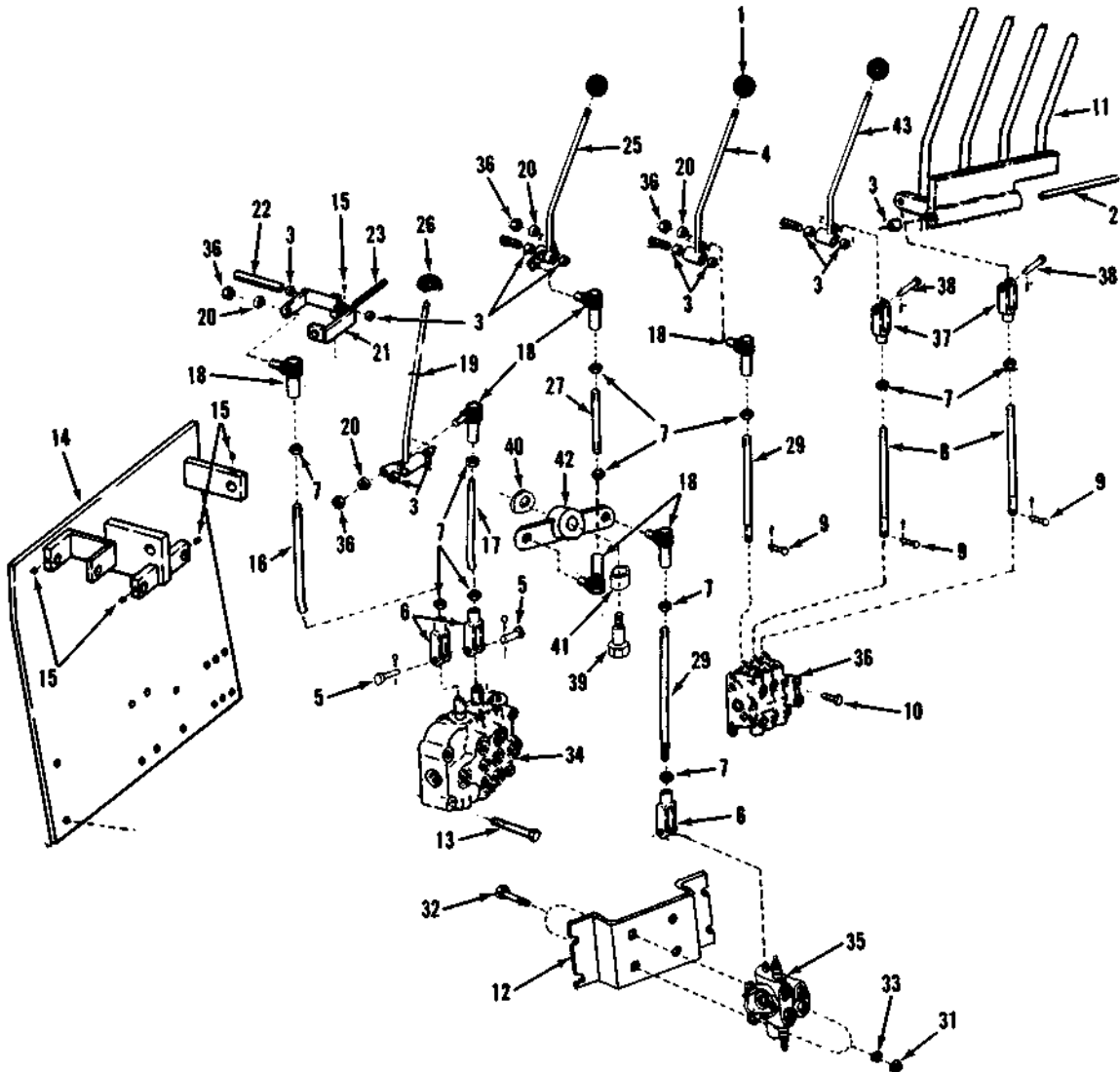


Item	Part No.	Qty.	Description Of Part
1	9020-0299	2	KNOB
2	9020-0282	1	SHAFT
3	9020-0290	8	BEARING
4	9040-0384	1	CONTROL LEVER
5	9002-1557	3	PIN
	8863-1309	3	COTTER PIN, 3/32x3/4
6	8882-1004	3	YOKE END
7	8850-1406	9	HEX JAM NUT, 3/8-24
8	9020-0498	2	LINKAGE ROD
9	9002-8974	2	YOKE PIN
	8863-1301	2	COTTER PIN, 1/16x1/2
10	8820-1036	4	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
11	9080-0819	1	COVER
12	8832-1014	10	SELF TAPPING SCREW, #6-32x3/8
13	8820-1076	4	HEX HD CAPSCREW, 1/2-13x3-3/4 GR5
14	9080-0133	1	MOUNTING PLATE
15	8822-1522	4	HEX SOCKET SET SCREW (cone point) 1/4-20x1/4
16	9020-0500	1	LINKAGE ROD
17	9020-0499	1	LINKAGE ROD
18	9020-0406	3	BALL JOINT
19	9040-0372	1	CONTROL LEVER
20	8855-1011	3	LOCKWASHER, 3/8
21	9040-0369	1	CONTROL BRACKET
22	9020-0279	1	SHAFT
23	9020-0280	1	SHAFT
24	9020-0281	1	SHAFT
25	9040-0383	1	CONTROL LEVER
26	9020-0638	1	KNOB
27	9080-1160	1	RUBBER COVER
28	9040-1706	2	ANGLE COVER
29	8832-1030	28	SELF TAPPING SCREW, #10-24x1/2



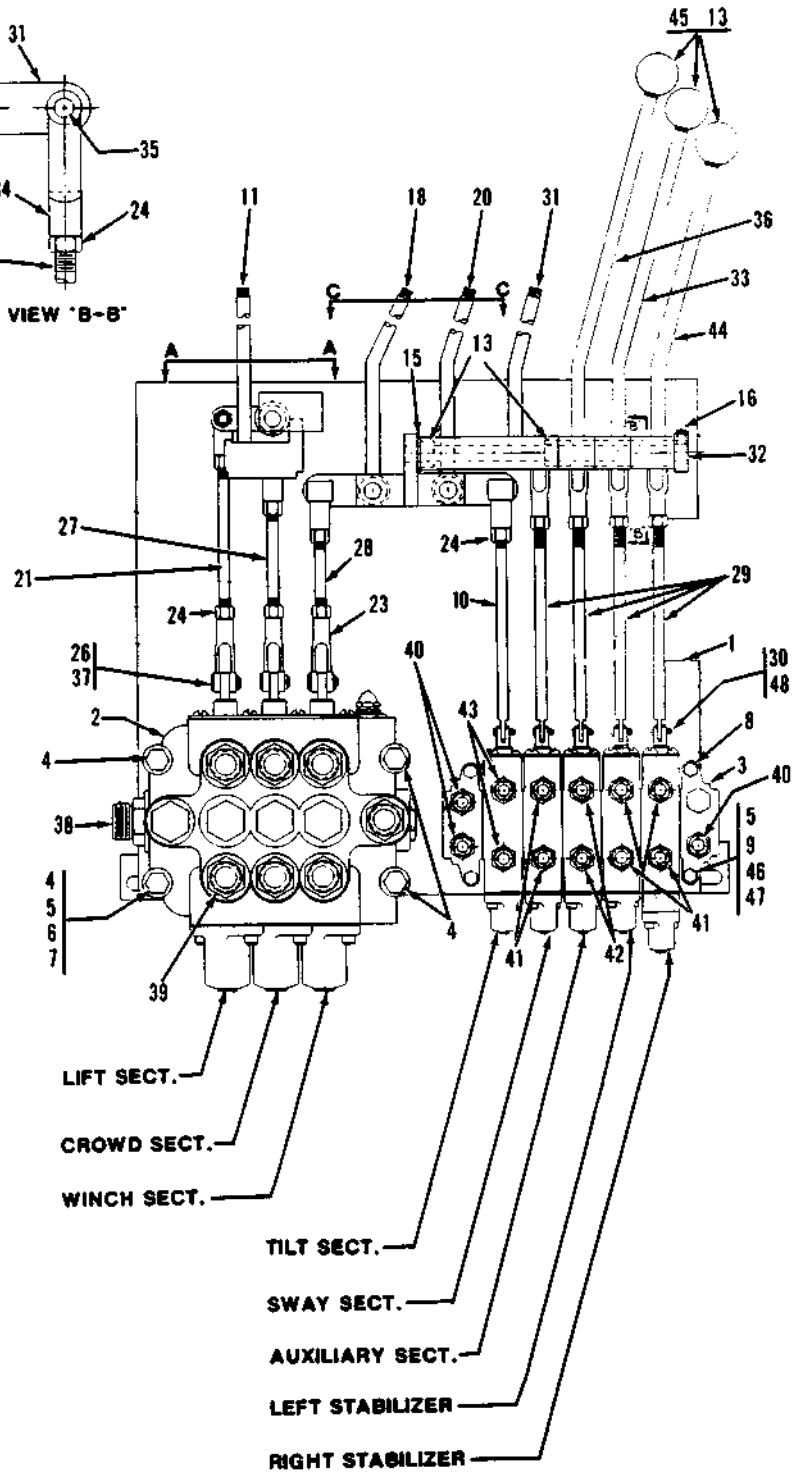
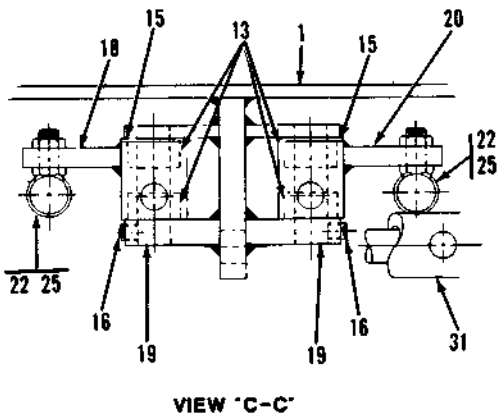
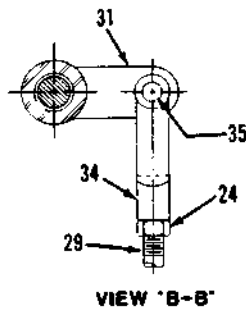
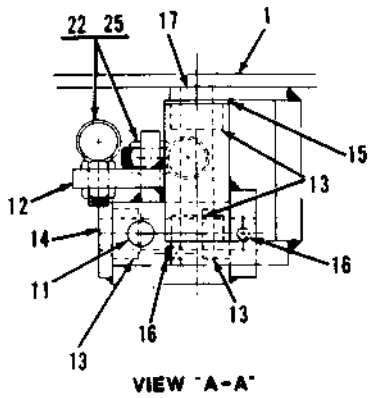
Item	Part No.	Qty.	Description Of Part
1	9020-0299	2	KNOB
2	9020-1559	1	PIN
3	9020-0290	10	BEARING
4	9040-0383	1	CONTROL LEVER
5	9002-1557	3	PIN
	8863-1309	3	COTTER PIN, 3/32x3/4
6	9002-8473	3	YOKE
7	8850-1406	10	HEX JAM NUT, 3/8-24
8	9020-0498	1	LINKAGE ROD
9	9002-8974	2	YOKE PIN
	8863-1301	2	COTTER PIN, 1/16x1/2
10	8820-1036	4	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
11	9040-1528	1	HANDLE ASSY
12	9102-1045	1	BRACKET
13	8820-1076	4	HEX HD CAPSCREW, 1/2-13x3-3/4 GR5
14	9080-0417	1	MOUNTING PLATE
15	8822-1522	4	HEX SOCKET SET SCREW (cone point) 1/4-20x1/4
16	9020-0500	1	LINKAGE ROD
17	9020-0499	1	LINKAGE ROD
18	9020-0406	6	BALL JOINT
19	9040-0372	1	CONTROL LEVER
20	8856-1113	4	FLAT WASHER, 5/8

Item	Part No.	Qty.	Description Of Part
21	9040-0369	1	CONTROL BRACKET
22	9020-0279	1	SHAFT
23	9020-0280	1	SHAFT
24	9020-0281	2	SHAFT
25	9040-0382	1	CONTROL LEVER
26	9020-0638	1	KNOB
27	9020-0501	1	LINKAGE ROD
28	9020-4198	1	LINKAGE ROD
29	9102-1049	1	LINKAGE ROD
30	8856-1107	2	FLAT WASHER, 1/4
31	8850-1008	1	HEX NUT, 1/2-13
32	8820-1068	4	HEX HD CAPSCREW, 1/2-13x1-3/4 GR5
33	8855-1013	4	LOCKWASHER, 1/2
34	9102-3066	Ref	MAIN CONTROL VALVE (see pg 10-19 for details)
35	9102-3065	Ref	WINCH VALVE (see page 10-25 for details)
36	9060-0294	Ref	AUXILIARY VALVE (see page 10-21 for details)
37	8882-1004	1	ADJUSTABLE YOKE END
38	9002-7987	1	SPRING CLEVIS
39	8825-1037	1	SOCKET HD SHOULDER SCREW, 1/2x1 (3/8-16 thread)
40	8856-1111	1	FLAT WASHER, 1/2
41	8806-1017	1	BEARING
42	9102-6016	1	BELLCRANK WELDMENT

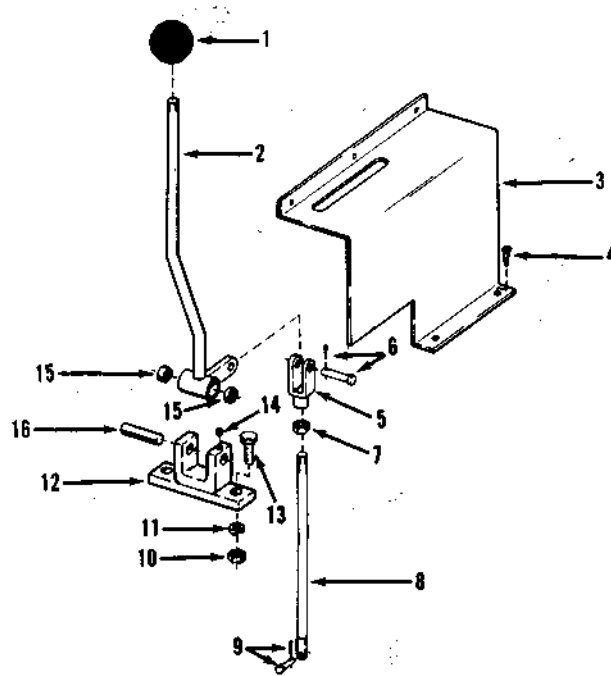


Item	Part No.	Qty.	Description Of Part
1	9020-0299	3	KNOB
2	9020-1559	1	PIN
3	9020-0290	12	BEARING
4	9040-0383	1	CONTROL LEVER
5	9002-1557	3	PIN
	8863-1309	3	COTTER PIN, 3/32x3/4
6	9002-8473	3	YOKE
7	8850-1406	10	HEX JAM NUT, 3/8-24
8	9020-0498	1	LINKAGE ROD
9	9002-8974	3	YOKE PIN
	8863-1301	3	COTTER PIN, 1/16x1/2
10	8820-1036	4	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
11	9040-1528	1	HANDLE ASSY
12	9102-1045	1	BRACKET
13	8820-1076	4	HEX HD CAPSCREW, 1/2-13x3-3/4 GR5
14	9080-0417	1	MOUNTING PLATE
15	8822-1522	4	HEX SOCKET SET SCREW (cone point) 1/4-20x1/4
16	9020-0500	1	LINKAGE ROD
17	9020-0499	1	LINKAGE ROD
18	9020-0406	6	BALL JOINT
19	9040-0372	1	CONTROL LEVER
20	8856-1113	4	FLAT WASHER, 5/8
21	9040-0369	1	CONTROL BRACKET
22	9020-0279	1	SHAFT
23	9020-0280	1	SHAFT
24	9020-0281	2	SHAFT

Item	Part No.	Qty.	Description Of Part
25	9040-0382	1	CONTROL LEVER
26	9020-0638	1	KNOB
27	9020-0501	1	LINKAGE ROD
28	9020-4198	1	LINKAGE ROD
29	9102-1049	1	LINKAGE ROD
30	8856-1107	2	FLAT WASHER
31	8850-1008	1	HEX NUT, 1/2-13
32	8820-1068	4	HEX HD CAPSCREW, 1/2-13x1-3/4 GR5
33	8855-1013	4	LOCKWASHER
34	9102-3066	Ref	MAIN CONTROL VALVE (see page 10-19 for details)
35	9102-3065	Ref	WINCH VALVE (see page 10-25 for details)
36	9060-0294	Ref	AUXILIARY VALVE (see page 10-21 for details)
37	8882-1004	2	ADJUSTABLE YOKE END
38	9002-7987	2	SPRING CLEVIS
39	8825-1037	1	SOCKET HD SHOULDER SCREW, 1/2x1 (3/8-16 thread)
40	8856-1111	1	FLAT WASHER, 1/2
41	8806-1017	1	BEARING
42	9102-6016	1	BELLCRANK WELDMENT
43	9040-0862	1	CONTROL LEVER

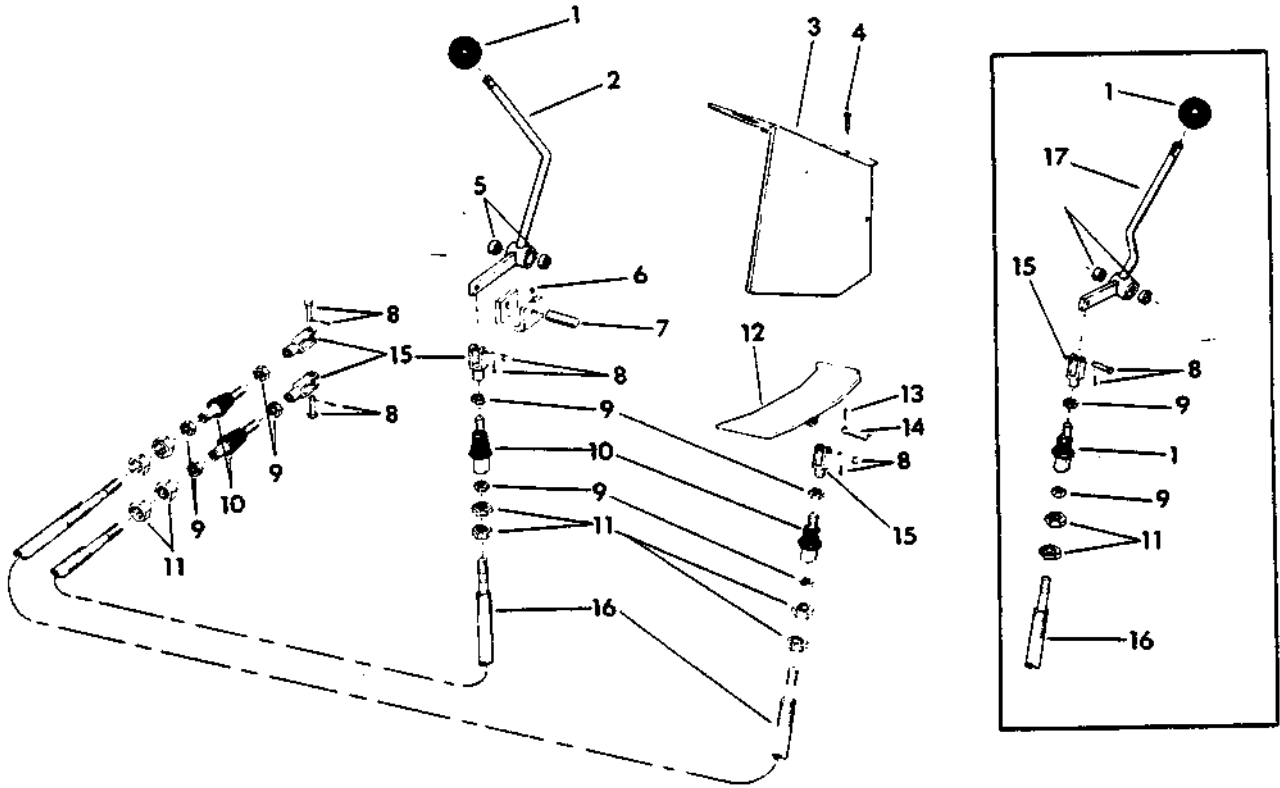


Item	Part No.	Qty.	Description Of Part
1	9080-0417	1	MOUNTING PLATE
2	9060-1829	1	MAIN CONTROL VALVE
3	9060-0717	1	AUXILIARY VALVE (see page 10-21)
4	8820-1076	4	HEX HD CAPSCREW, 1/2-13X3-3/4 Gr 5
5	9020-0970	2	MOUNTING BAR
6	8856-1111	1	FLAT WASHER, 1/2
7	8850-1008	1	HEX NUT, 1/2-13
8	8820-1036	3	HEX HD CAPSCREW, 3/8-16X1-1/4 Gr 5
9	8856-1109	1	FLAT WASHER, 3/8
10	9020-4198	1	LINKAGE ROD
11	9040-0372	1	CONTROL LEVER
12	9040-0369	1	BRACKET
13	9020-0290	16	BEARING
14	9020-0280	1	SHAFT
15	8856-1113	6	FLAT WASHER, 5/8
16	8822-1522	5	HEX SOCKET SET SCREW 1/4-20X1/4
17	9020-0279	1	SHAFT
18	9040-0382	1	CONTROL LEVER
19	9020-0281	2	SHAFT
20	9040-0383	1	CONTROL LEVER
21	9020-0500	1	LINKAGE ROD
22	9020-0406	4	BALL JOINT
23	9002-8473	3	YOKE
24	8850-1406	11	HEX JAM NUT, 3/8-24
25	8850-1306	4	HEX NUT, 3/8-24
26	9002-1557	3	PIN
27	9020-0499	1	LINKAGE ROD
28	9020-0501	1	LINKAGE ROD
29	9020-0498	4	LINKAGE ROD
30	9002-8974	5	YOKE PIN
31	9040-0862	1	CONTROL LEVER
32	9020-1559	1	PIN
33	9040-0864	1	CONTROL LEVER
34	8882-1004	4	ADJUSTABLE YOKE END
35	9002-1987	4	YOKE PIN & COTTER
36	9040-0863	1	CONTROL LEVER
37	8863-1309	3	COTTER PIN, 3/32X3/4
38	8866-2011	1	CONNECTOR (includes "o" ring)
	8859-1210	1	"O" RING
39	8866-2010	7	CONNECTOR (includes "o" ring)
	8859-1209	7	"O" RING
40	8866-2007	3	CONNECTOR (includes "o" ring)
	8859-1206	3	"O" RING
41	8866-2006	6	CONNECTOR (includes "o" ring)
	8859-1205	6	"O" RING
42	8866-2021	2	CONNECTOR (includes "o" ring)
	8859-1205	2	"O" RING
43	8866-2023	2	CONNECTOR (includes "o" ring)
	8859-1205	2	"O" RING
44	9040-0865	1	CONTROL LEVER
45	9020-0299	3	KNOB
46	8850-1006	1	HEX NUT, 3/8-16
47	8820-1037	1	HEX HD CAPSCREW, 3/8-16X1-1/2 Gr 5
48	8863-1301	5	COTTER PIN, 1/16X1/2



Item	Part No.	Qty.	Description Of Part
1	9020-0299	1	KNOB
2	9040-1661	1	CONTROL LEVER
3	9040-0435	1	COVER
4	8832-1014	5	SELF TAPPING SCREW, #6-32 X 3/8
5	8882-1004	1	ADJUSTABLE YOKE END
6	9002-7987	1	CLEVIS SPRING
7	8850-1406	1	HEX JAM NUT, 3/8 - 24
8	9020-0513	1	LINKAGE ROD
9	8863-3002	1	YOKE PIN, 5/16
	8863-1309	1	COTTER PIN, 3/32 X 3/4
10	8850-1006	2	HEX NUT, 3/8 - 16
11	8855-1011	2	LOCKWASHER, 3/8
12	9020-0511	1	CONTROL BRACKET
13	8820-1035	2	HEX HD CAPSCREW, 3/8-16 X 1, GR5
14	8844-1001	1	SQ HD SET SCREW, 1/4-20 X 1/2
15	9020-0290	2	BEARING
16	9020-0277	1	SHAFT

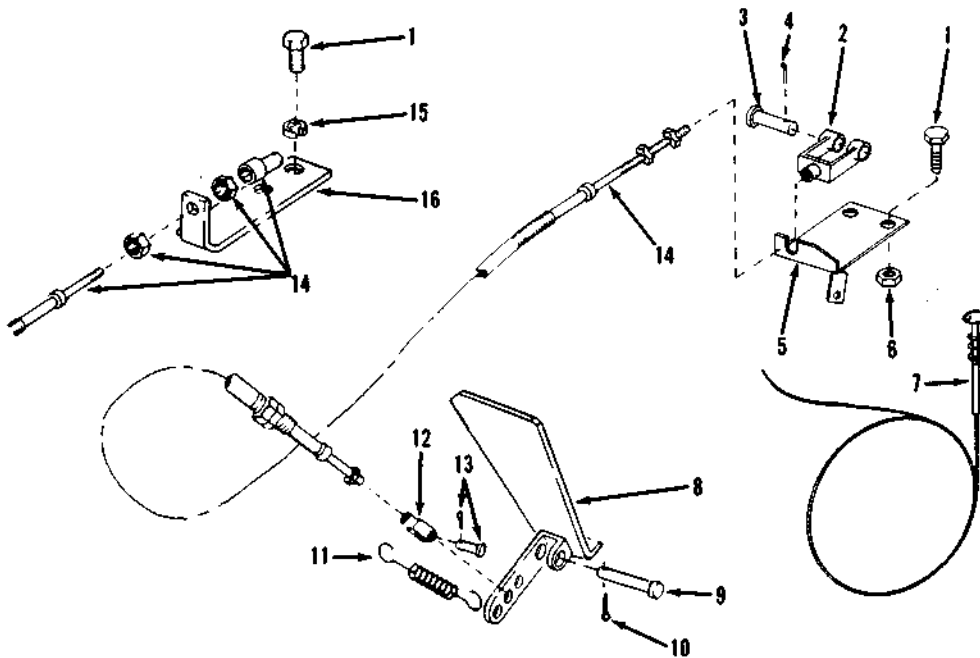
TRANSMISSION CONTROLS



KEY:

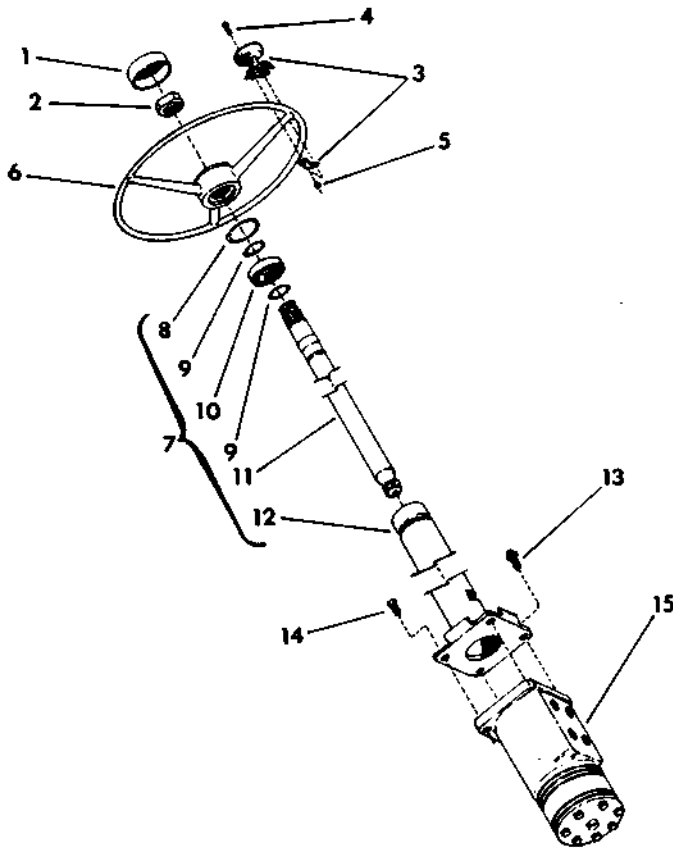
- A - TRANSMISSION CONTROLS, all units w/pedal operated forward-reverse
- B - TRANSMISSION CONTROLS, all units w/lever operated forward-reverse

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	200-299	KNOB.	1	2
2	400-385	LEVER, shift.	1	1
3	600-366	COVER	1	1
4	020-802	SCREW, self-tapping	2	2
5	200-290	BEARING	2	4
6	021-013	SCREW, set - 1/2" nc x 1/4"	1	2
7	200-277	SHAFT	1	2
8	200-302	PIN & COTTER.	4	4
9	021-118	NUT, jam - 3/8" n f	4	4
10	200-410	CONNECTOR, ball joint	4	4
11	021-122	NUT, jam - 7/16" nf	8	8
12	200-288	PEDAL, forward-reverse.	1	-
13	021-436	PIN, cotter	1	-
14	021-600	PIN, clevis	1	-
15	8882-1003	ADJUSTABLE YOKE END	4	4
16	200-306	CABLE	2	2
17	400-591	LEVER, forward-reverse.	-	1



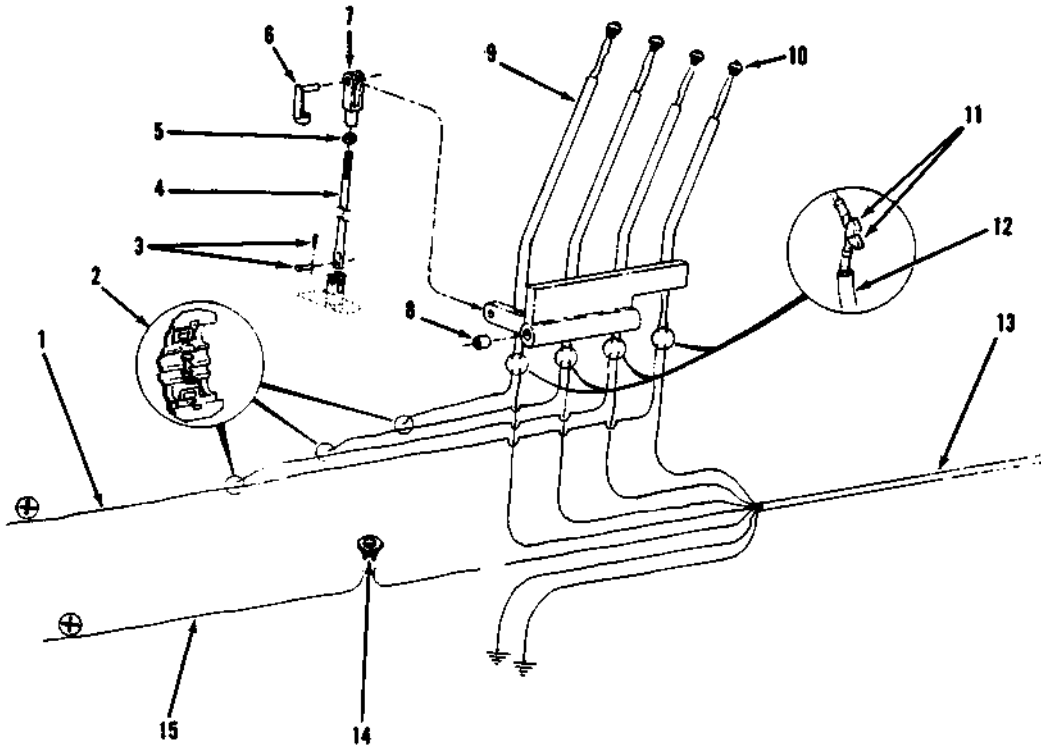
Item	Part No.	Qty.	Description Of Part
1	8820-1003	2	HEX HD CAPSCREW, 1/4-20 x 3/4 Gr 5
2	9002-7714	1	YOKE
3	9002-7720	1	CLEVIS PIN
4	9002-6021	1	COTTER PIN
5	9040-0712	1	ACCELERATOR BRACKET
6	8850-1004	2	HEX NUT, 1/4-20
7	9020-7829	1	CHOKE and SHUT OFF CABLE
	9020-7830	1	CLAMP
8	9020-0289	1	ACCELERATOR PEDAL
9	9002-1600	1	CLEVIS PIN
10	8863-1302	1	COTTER PIN, 1/16 x 3/4
11	9020-0559	1	SPRING
12	8882-1001	1	ADJUSTABLE YOKE END
13	8863-3002	1	YOKE PIN, 5/16
	8863-1308	1	COTTER PIN, 3/32 x 1/2
14	9020-0795	1	ACCELERATOR CABLE
15	8855-1009	2	LOCKWASHER, 1/4 (gasoline units)
16	9020-0289	1	ACCELERATOR BRACKET (gasoline units)
			NOTE: ITEMS 2 THRU 6 ARE USED ONLY ON UNITS WITH DIESEL ENGINE.

STEERING COLUMN

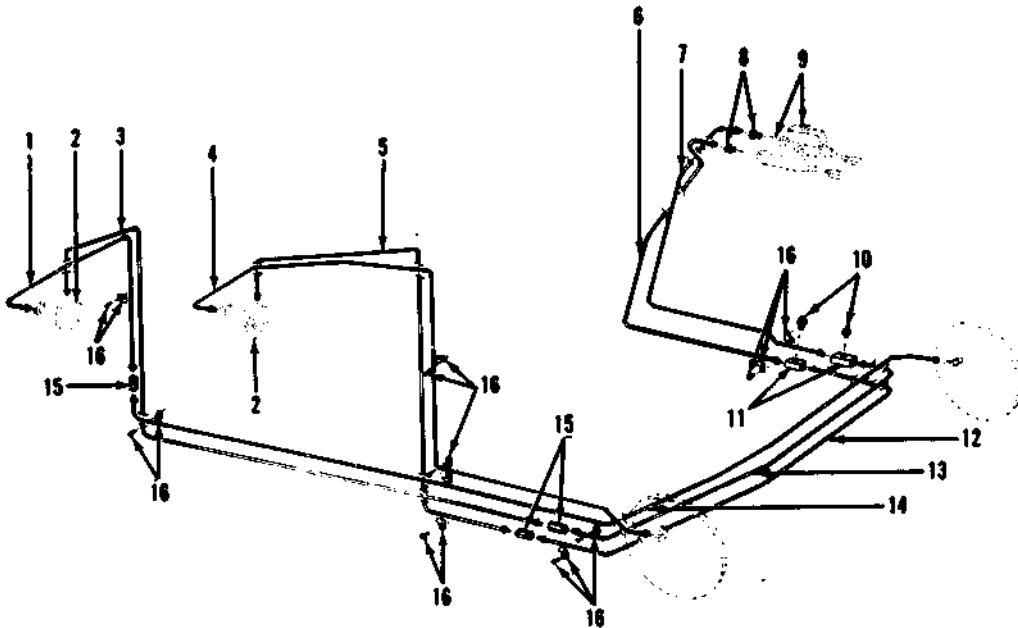


KEY:
 A - STEERING COLUMN, MODEL 554
 B - STEERING COLUMN, MODEL 552

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	600-274	CAP, steering	1	1
2	200-266	NUT, steering wheel	1	1
3	202-230	KNOB, spinner	1	1
4	020-397	• SCREW, flathead, 1/4" nc x 1"	2	2
5	021-093	• NUT, 1/4"	1	1
6	600-273	WHEEL, steering	1	1
7	600-267	COLUMN, orbitrol.	1	1
8	201-347	• RING, retaining	2	2
9	201-346	• RING, retaining	1	1
10	201-348	• BEARING	1	1
11	201-349	• SHAFT	1	1
12	201-350	• TUBE and FLANGE	2	2
13	026-019	• BOLT, 12 pt	2	2
14	020-021	BOLT, 3/8" nc x 3/4" - Gr. 5.	1	-
15	601-377	ORBITROL.	-	1
	601-378	ORBITROL.	1	1
	601-762	ORBITROL (units with CLARK trans.)	1	1



Item	Part No.	Qty.	Description Of Part
1	9020-4055	1	JUMPER WIRE
2	9002-8968	3	SPLICE
3	9002-6685	1	PIN AND COTTER
4	9020-0498	1	LINKAGE ROD
5	8850-1406	1	HEX JAM NUT 3/8-24
6	9002-7987	1	CLEVIS SPRING
7	8882-1004	1	ADJUSTABLE YOKE END
8	9020-0290	2	BEARING
9	9040-1528	1	HANDLE
	9020-0774	4	HANDLE GRIP
10	9020-6005	4	SWITCH ASSY (2 prong with wires)
11	9002-8969	AR	KNIFE DISCONNECT
12	9020-7081	AR	HEAT SHRINK
13	9020-4057	1	7 CONDUCTOR CABLE
14	9020-0434	1	SWITCH
15	9020-0351	1	JUMPER WIRE

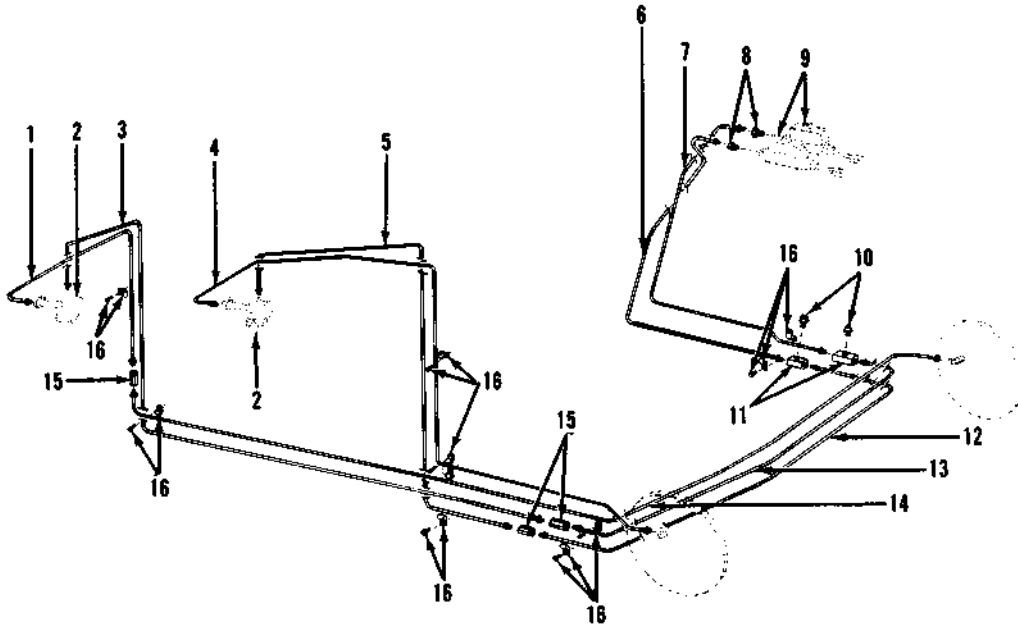


ROCKWELL AXLE

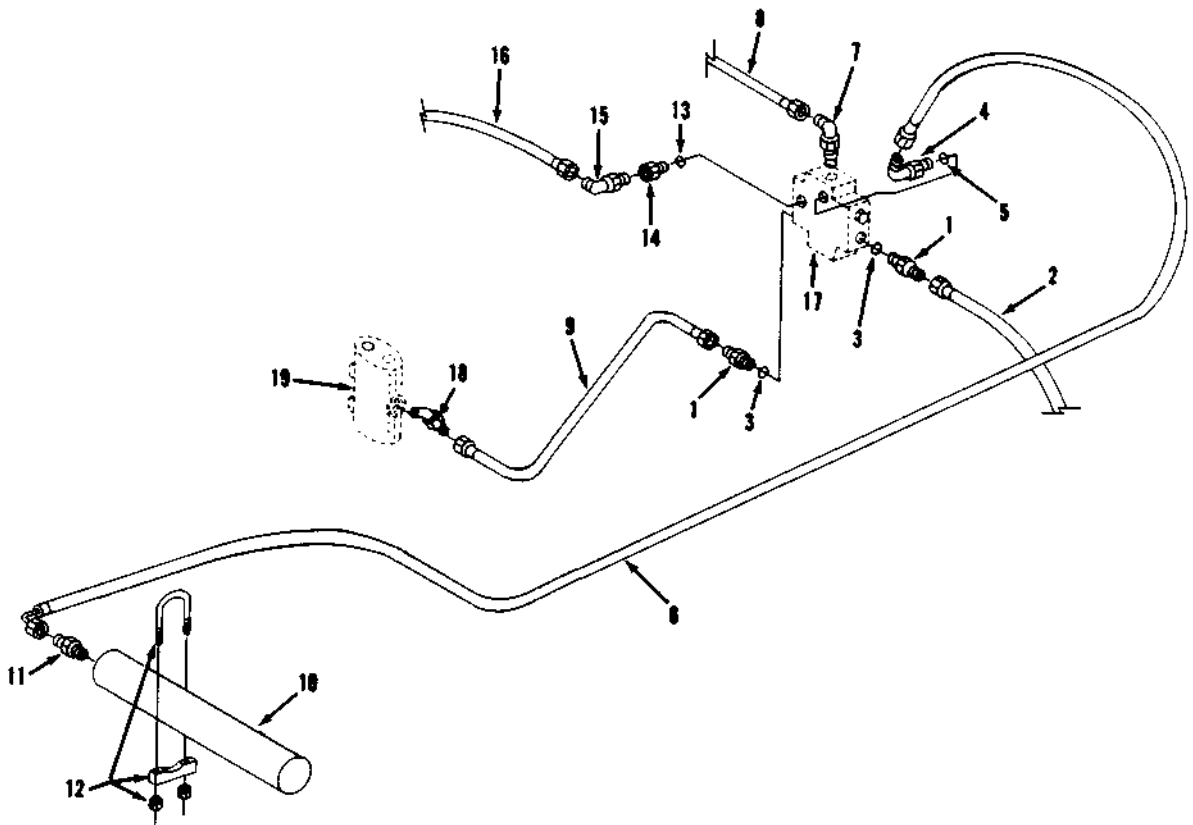
SOMA AXLE

Item	Part No.	Qty.	Description Of Part
1	9060-0489	1	BRAKE LINE
2		Ref	HYDROVAC (see page 8-10 for details)
3	9060-1257	1	BRAKE LINE
4	9060-1680	1	BRAKE LINE
5	9060-1256	1	BRAKE LINE
6	9060-0483	1	BRAKE LINE
7	9060-0482	1	BRAKE LINE
8	9020-0546	2	ADAPTER
9	9060-0110	2	MASTER CYLINDER
10	9020-0615	2	BRAKE SENDING UNIT
11	9020-0627	2	TEE
12	9060-0485	1	BRAKE LINE
13	9060-0484	1	BRAKE LINE
14	9060-1681	1	BRAKE LINE
15	9002-6453	3	UNION
16	9002-1705	AR	CLAMP
	8820-1001	AR	HEX HD CAPSCREW, 1/4-20x1/2 GR5
	8856-1002	AR	FLAT WASHER, 1/4

Item	Part No.	Qty.	Description Of Part
1	9060-0489	1	BRAKE LINE
2		Ref	HYDROVAC (see page 8-10 for details)
3	9060-0301	1	BRAKE LINE
4	9060-0487	1	BRAKE LINE
5	9060-0300	1	BRAKE LINE
6	9060-0483	1	BRAKE LINE
7	9060-0482	1	BRAKE LINE
8	9020-0541	2	ADAPTER
9	9060-2651	2	MASTER CYLINDER
10	9020-0615	2	BRAKE SENDING UNIT
11	9020-0627	2	TEE
12	9060-0485	1	BRAKE LINE
13	9060-0484	1	BRAKE LINE
14	9060-0490	1	BRAKE LINE
15	9002-6453	3	UNION
16	9002-1705	AR	CLAMP
	8820-1001	AR	HEX HD CAPSCREW, 1/4-20x1/2 GR5
	8856-1002	AR	FLAT WASHER, 1/4



Item	Part No.	Qty.	Description Of Part
1	9060-0489	1	TUBE ASSY
2		Ref	HYDROVAC (see page 8-10 for details)
3	9060-1257	1	TUBE ASSY
4	9060-1680	1	TUBE ASSY
5	9060-1256	1	TUBE ASSY
6	9060-0483	1	TUBE ASSY
7	9060-0482	1	TUBE ASSY
8	9020-0539	2	ADAPTER
9		Ref	MASTER CYLINDER (see page 8-12 for details)
10	9020-0615	2	BRAKE SENDING UNIT
11	9020-0627	2	TEE
12	9060-0485	1	TUBE ASSY
13	9101-3059	1	TUBE ASSY
14	9060-1681	1	TUBE ASSY
15	9002-6453	3	UNION
16	9002-1705	AR	CLAMP
	8820-1001	AR	HEX HD CAPSCREW, 1/4-20x1/2, GR5
	8856-1002	AR	FLAT WASHER, 1/4

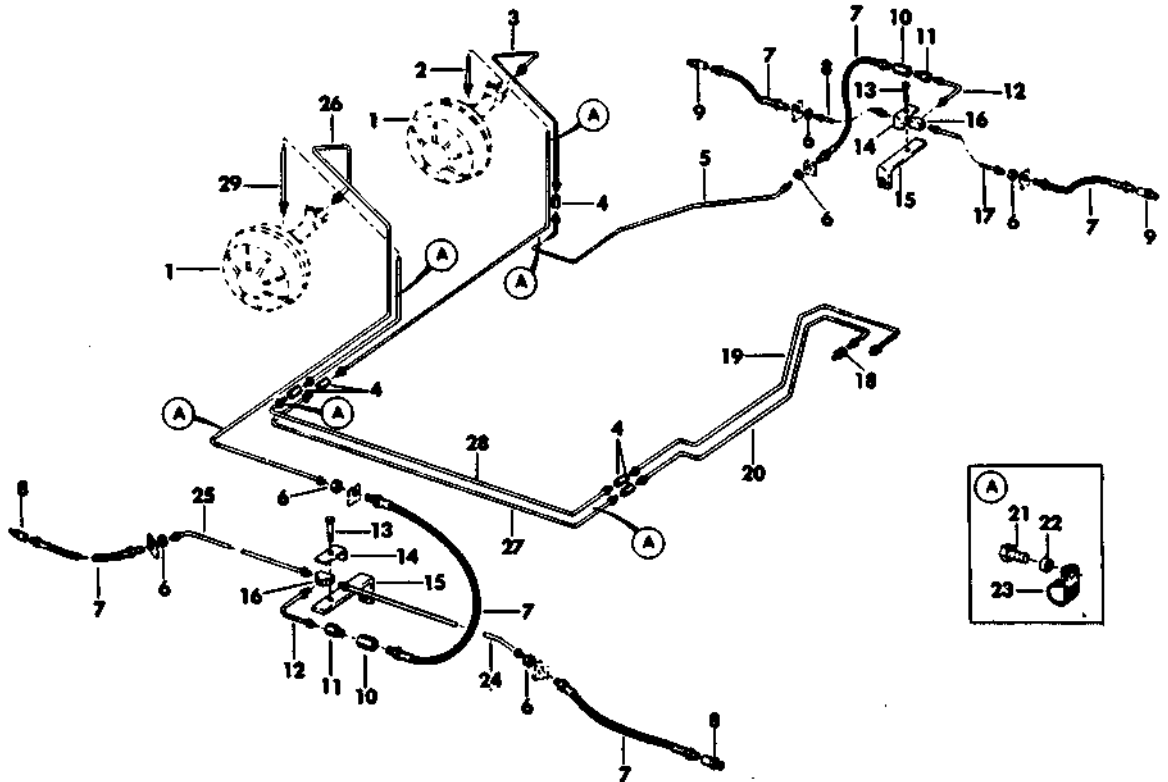


Item	Part No.	Qty.	Description Of Part
1	8866-2023	2	CONNECTOR (includes item 3)
2	7713-3440	1	HOSE ASSY
3	8859-1205	2	O-RING
4	8866-2065	1	ELBOW, 90 DEGREES (includes item 5)
5	8859-1205	1	O-RING
6	8471-7413	1	HOSE ASSY
7	9002-6687	1	ELBOW
8	8471-7328	1	HOSE ASSY
9	7713-3455	1	HOSE ASSY
10	9106-3084	1	ACCUMULATOR
11	8866-2020	1	CONNECTOR (includes o-ring)
	8859-1207	1	O-RING

Item	Part No.	Qty.	Description Of Part
12	8368-3175	2	CLAMP
13	8859-1202	1	O-RING
14	8656-1311	1	REDUCER
15	8866-2064	1	ELBOW, 90 DEGREES (includes o-ring)
	8859-1204	1	O-RING
16	7713-3412	1	HOSE ASSY
17	9104-3296	1	ACCUMULATOR CHARGE VALVE (see page 10-28 for details)
18	8866-2061	1	ELBOW, 90 DEGREES (includes o-ring)
	8859-1209	1	O-RING
19	9103-3240	1	PRIORITY FLOW CONTROL VALVE (see page 10-27 for details)

BRAKE LINES

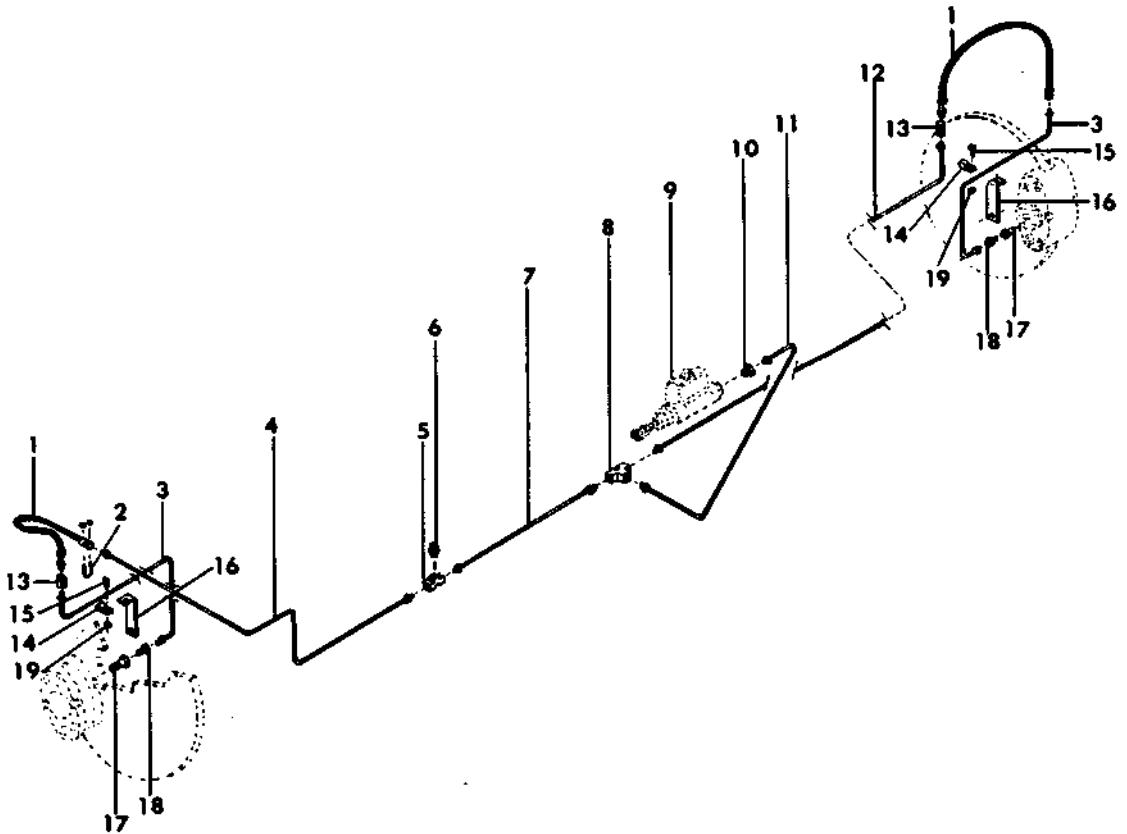
MODEL 554 W/4 WHEEL DRIVE SERVICE BRAKES



REF.	PART NO.	DESCRIPTION	REQ'D
1	- - -	HYDROVAC	-
2	600-301	LINE, brake	1
3	600-293	LINE, brake	1
4	026-453	UNION	5
5	600-291	LINE, brake	1
6	026-474	NUT, jam - 11/16" nf.	6
7	400-453	HOSE, brake	6
8	600-652	LINE, brake	1
9	026-451	ADAPTER	4
10	026-452	UNION	2
11	026-454	ADAPTER	2
12	600-304	LINE, brake	2
13	020-001	BOLT, 1/4" nc x 3/4" Gr. 5.	2
14	200-532	BRACKET	2
15	200-531	BRACKET	2
16	200-437	TEE	2
17	600-298	LINE, brake	1
18	200-541	ADAPTER	1
19	600-044	LINE, brake	1
20	600-043	LINE, brake	1
21	026-475	BOLT, 1/4" nc x 1/2" Gr. 5.	15
22	021-463	WASHER, lock - 1/4"	15
23	021-705	CLAMP	15
24	600-302	LINE, brake	1
25	600-303	LINE, brake	1
26	600-305	LINE, brake	1
27	600-307	LINE, brake	1
28	600-306	LINE, brake	1
29	600-300	LINE, brake	1

BRAKE LINES

MODEL 554 W/DIFFERENTIAL MOUNTED DISC SERVICE BRAKE

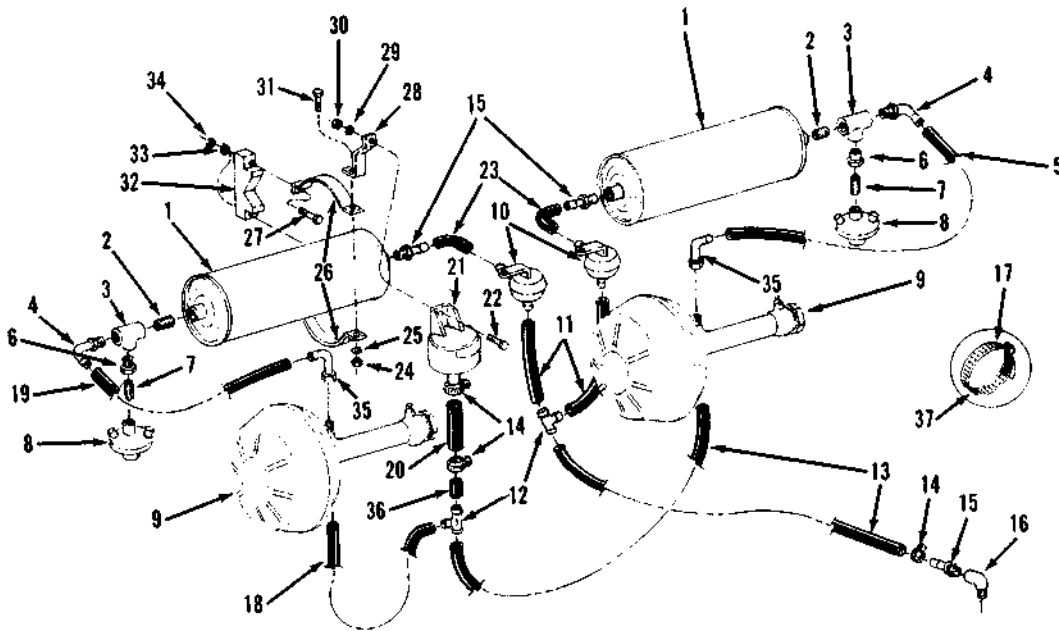


REF.	PART NO.	DESCRIPTION	REQ'D
1	400-453	HOSE	2
2	200-668	BOLT "U"	1
3	601-082	LINE, hydraulic.	2
4	601-085	LINE, hydraulic.	1
5	200-627	TEE.	1
6	200-615	UNIT, brake sending.	1
7	601-086	LINE, hydraulic.	1
8	200-627	TEE.	1
9	601-048	CYLINDER, master brake	1
10	200-539	ADAPTER.	1
11	601-084	LINE, hydraulic.	1
12	601-087	LINE, hydraulic.	1
13	026-453	ADAPTER.	2
14	021-705	CLAMP.	2
15	026-475	BOLT	2
16	401-100	BRACKET.	2
17	027-733	ADAPTER.	2
18	026-454	ADAPTER.	2
19	021-725	NUT.	2

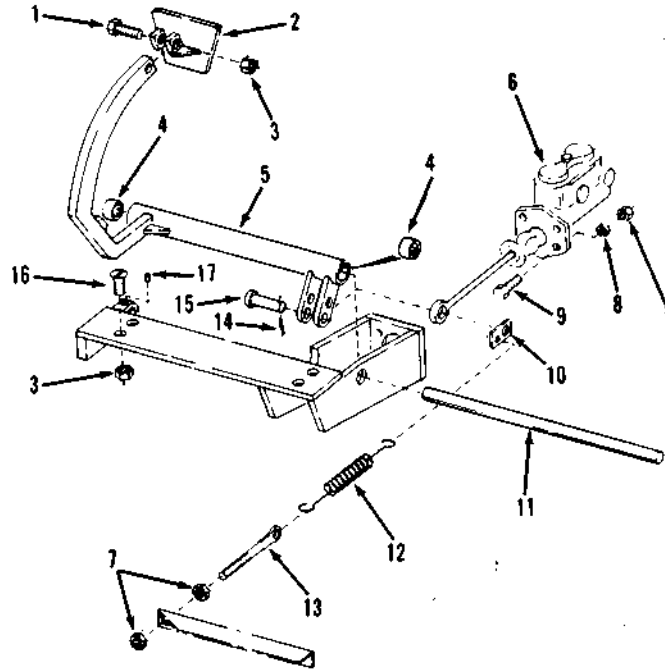
BRAKE LINES

MODEL 554 W/TRANSMISSION MOUNTED DISC SERVICE BRAKE

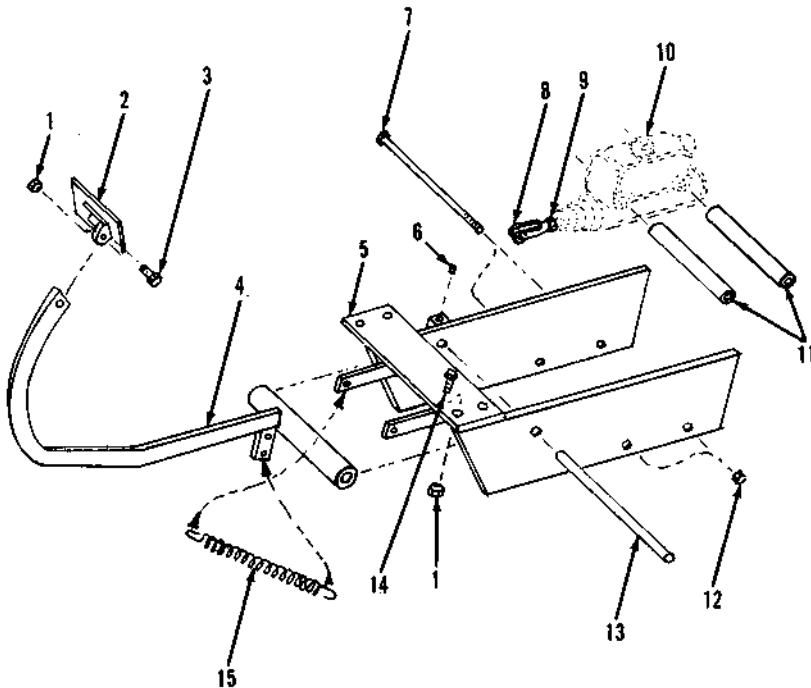
**FOR REPLACEMENT PARTS INFORMATION
CONTACT GRADALL - PARTS DEPARTMENT**



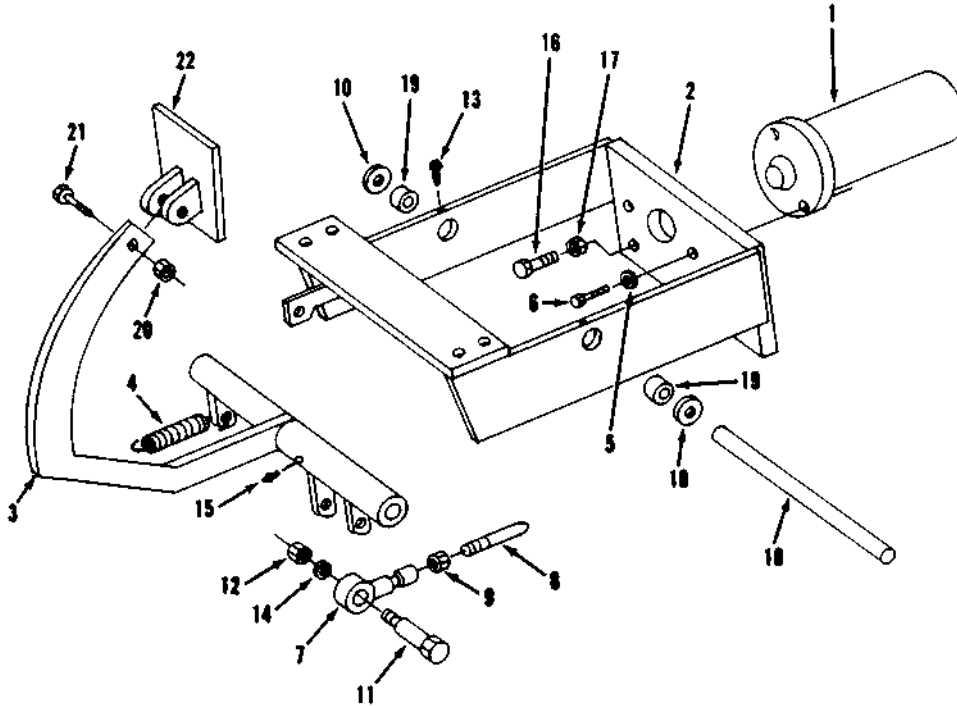
Item	Part No.	Qty.	Description Of Part
1	9060-0114	2	VACUM TANK
2	8870-1068	2	NIPPLE, 1/2 X 1 1/2
3	9002-6459	2	PIPE TEE
4	9101-3019	2	ELBOW CONECTOR
5		1	HOSE (comes with tank)
6	8871-1385	2	REDUCING BUSHING 1/2 x 1/8
7	9002-6204	2	PIPE NIPPLE
8	9060-0111	2	WARNING LIGHT SENDER
9	9060-1166	2	HYDROVAC
10	9060-0116	2	CHECK VALVE
11	9020-4084	2	HOSE
12	9101-3021	2	TEE
13	9020-4081	2	HOSE
14	8667-1187	2	HOSE CLAMP
15	9101-3018	3	ADAPTER
16	9002-7484	1	ELBOW 3/8 X 90 DEGREES
17	8668-3193	8	HOSE CLAMP
18	9020-4082	1	HOSE
19		1	HOSE (comes with tank)
20	9020-4089	1	HOSE
21	9060-0191	1	AIR CLEANER
22	8820-1035	1	HEX HD CAPSCREW, 3/8-16 X 1, GR5
23	9020-4088	2	HOSE
24	885--1004	4	HEX NUT, 1/4 - 20
25	8855-1009	4	LOCKWASHER, 1/4
26	9101-3020	8	TANK MOUNTING BAND
27	8820-1524	8	HEX HD CAPSCREW, 5/16-24 X 2 1/4 GR5
28	9020-0013	1	AIR CLEANER MOUNTING BRACKET
29	8855-1011	7	LOCKWASHER, 3/8
30	8850-1006	5	HEX NUT, 3/8 - 16
31	8820-1008	4	HEX HD CAPSCREW, 1/4-20 X 1 3/4 GR5
32	9101-3022	4	MOUNTING BLOCK
33	8855-1010	8	LOCKWASHER, 5/16
34	8850-1305	8	HEX NUT, 5/16 - 24
35	9020-0466	2	VACUM TUBE
36	9020-4087	1	HOSE
37	9002-1697	8	HOSE CLAMP



Item	Part No.	Qty.	Description Of Part
1	8820-1067	1	HEX HD CAPSCREW 1/2-13 X 1 1/2, GR5
2	9020-1463	1	BRAKE PEDAL
3	8850-1008	1	HEX NUT, 1/2 - 13
4	9020-0290	2	BEARING
5	9040-0321	1	BRAKE LEVER
6	9020-0261 9020-1625	1	MASTER CYLINDER REPAIR KIT
7	8850-1006	4	HEX NUT, 3/8 - 16
8	8855-1011	4	LOCKWASHER, 3/8
9	8820-1036	4	HEX HD CAPSCREW, 3/8-16 X 1 1/4, GR5
10	9020-0612	1	TAB
11	9020-0283	1	SHAFT
12	9020-0559	1	SPRING
13	9020-0613	1	BOLT
14	8863-1320	1	COTTER PIN, 1/8 X 1 1/2
15	9002-1565	1	CLEVIS PIN
16	8830-1348	4	FLAT HD BOLT, 1/2 NC X 1, GR5
17	8822-1250	1	SOCKET SET SCREW (flat point) 10 - 24 X 1/2

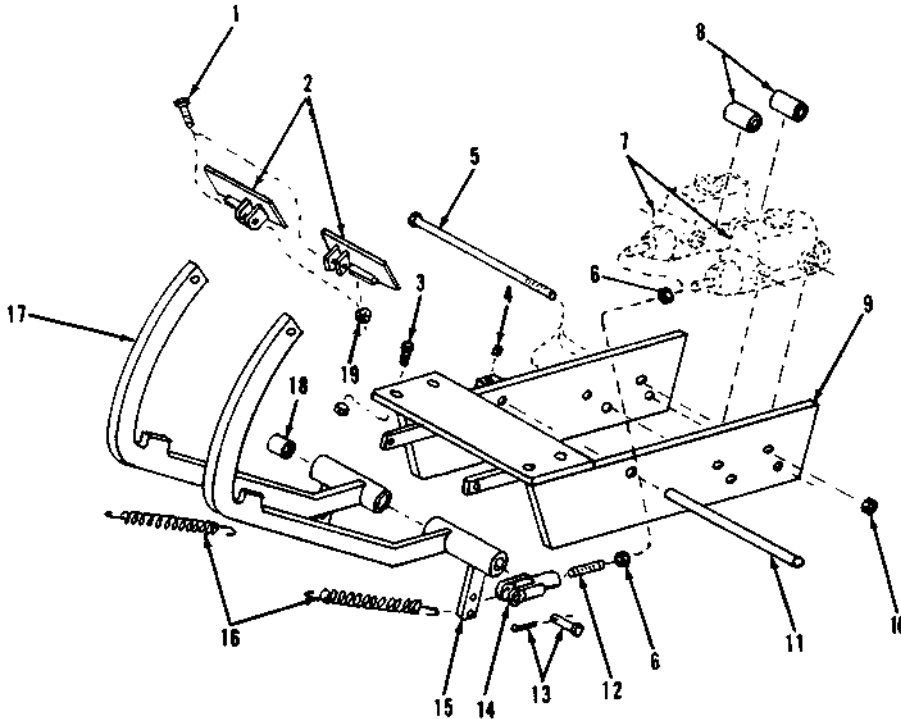


Item	Part No.	Qty.	Description Of Part
1	8850-1008	5	HEX NUT, 1/2 - 13
2	9020-1463	1	BRAKE PEDAL
3	8820-1067	1	HEX HD CAPSCREW, 1/2-13 X 1 1/2, GR5
4	9040-1011	1	BRAKE LEVER
5	9040-0464	1	MOUNTING BRACKET
6	8822-1682	1	SOCKET SET SCREW, 1/4-20 X 1/4
7	9020-0832	2	STUD
8	9020-0301	1	YOKE
9	8850-1406	1	HEX JAM NUT, 3/8 - 24
10	9060-1048	1	MASTER CYLINDER
11	9020-1630	2	SPACER
12	8850-1006	2	HEX NUT, 3/8 - 16
13	9020-0284	1	SHAFT
14	8820-1066	4	HEX HD CAPSCREW, 1/2-13 X 1 1/4, GR5
15	9020-0559	1	SPRING

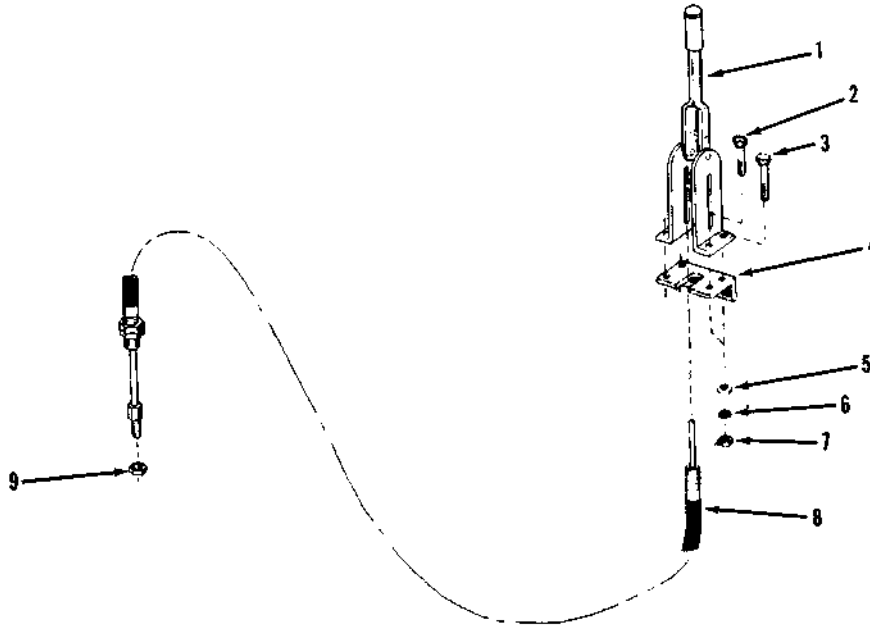


Item	Part No.	Qty.	Description Of Part
1		Ref	BRAKE VALVE (see page 10-29 for details)
2	9102-6022	1	BRACKET
3	9102-6023	1	BRAKE LEVER WELDMENT
4	9104-3154	1	SPRING
5	8855-1011	2	LOCKWASHER, 3/8
6	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
7	9106-3097	1	BALL JOINT
8	9102-1095	1	PUSH ROD
9	8850-1406	1	HEX JAM NUT, 3/8-24
10	9002-8662	2	WAVE BEND WASHER
11	8825-1022	1	SOCKET HD SHOULDER SCREW, 3/8X1-1/2

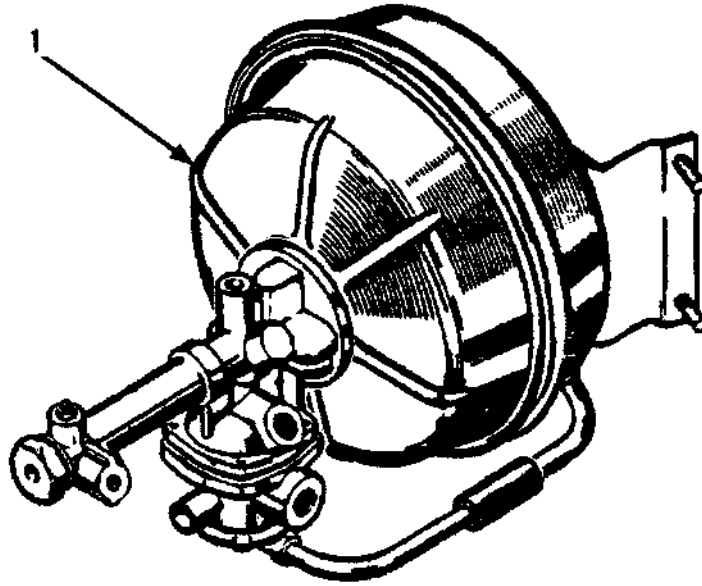
Item	Part No.	Qty.	Description Of Part
12	8850-1005	1	HEX NUT, 5/16-18
13	8844-1001	2	SQUARE HD SET SCREW, (cup point) 1/4-20x1/2
14	8855-1010	1	LOCKWASHER, 5/16
15	8867-1001	1	LUBE FITTING, STRAIGHT 1/8
16	8820-1042	1	HEX HD CAPSCREW, 3/8-16X2-3/4, GR5
17	8850-1106	1	HEAVY HEX JAM NUT, 3/8-16
18	9020-0284	1	SHAFT
19	9020-0290	2	BEARING
20	8850-1008	1	HEX NUT, 1/2-13
21	8820-1067	1	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5
22	9020-1463	1	PEDAL



Item	Part No.	Qty.	Description Of Part
1	8820-1067	2	HEX HD CAPSCREW, 1/2-13X1-1/2 Gr 5
2	9020-1463	2	BRAKE PEDAL
3	8820-1066	4	HEX HD CAPSCREW, 1/2-13X1-1/4 Gr 5
4	8822-1522	1	HEX SKT. SET SCREW (cone pt.) 1/4-20X1/4
5	9020-0832	2	STUD
6	8850-1407	4	HEX JAM NUT, 7/16-20
7	9060-0110	2	MASTER BRAKE CYLINDER
8	9020-1438	2	SPACER
9	9040-0464	1	MOUNTING BRACKET
10	8850-1006	6	HEX NUT, 3/8-16
11	9020-0284	1	SHAFT
12	9020-0828	2	LINKAGE ROD
13	9002-7717	2	CLEVIS & COTTER PIN
14	8882-1005	2	ADJUSTABLE YOKE END
15	9040-1843	1	LEFT BRAKE ARM
16	9020-0559	2	SPRING
17	9040-1842	1	RIGHT BRAKE ARM
18	9020-0290	4	BEARING
19	8850-1008	6	HEX NUT, 1/2-13
20	9020-7856	2	GASKET



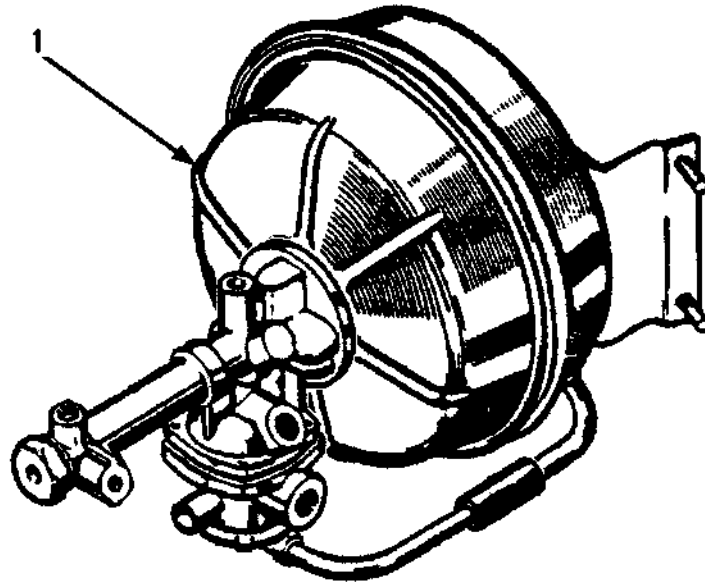
Item	Part No.	Qty.	Description Of Part
1	9060-0118	1	PARKING BRAKE LEVER
2	8820-1021	2	HEX HD CAPSCREW 5/16-18 x 1 1/4 Gr 5
3	8820-1023	2	HEX HD CAPSCREW 5/16-18 x 1 3/4 Gr 5
4	9020-1420	1	MOUNTING ANGLE
5	8856-1108	4	FLAT WASHER 5/16
6	8855-1010	4	LOCKWASHER 5/16
7	8850-1005	4	HEX NUT 5/16-18
8	9103-3253	1	PARKING BRAKE CABLE
9	8850-1406	1	HEX JAM NUT 3/8-24



Item	Part No.	Qty.	Description Of Part
* 1	9060-0190	1	HYDROVAC. THIS PART NUMBER IS NO LONGER AVAILABLE (see page 8-11 for replacement part)

* This page completely re-done, please remove old style page 8-10 and replace with 8-10 revised 10-16-96

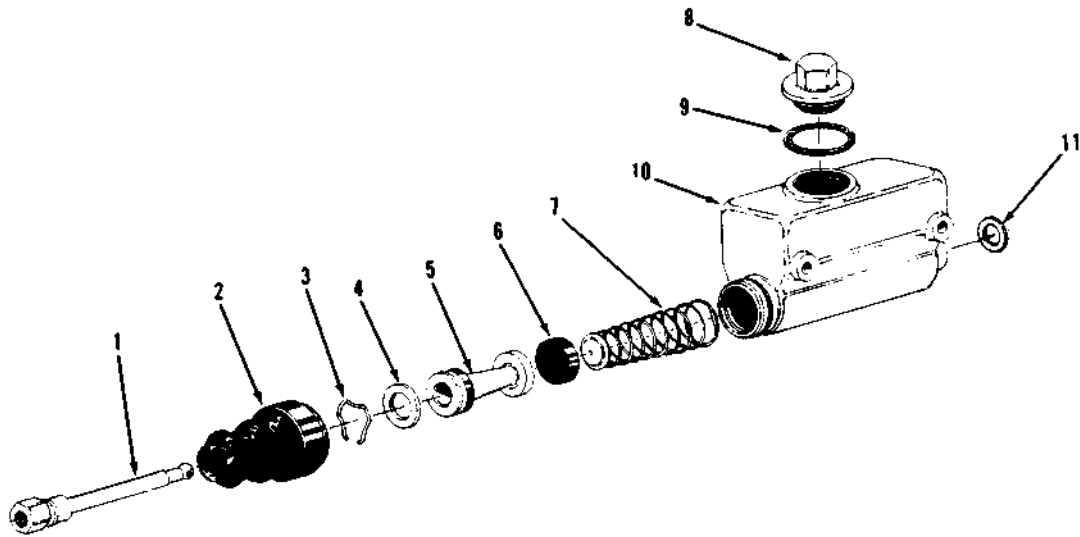
* This page is now obsolete, please refer to page 8-11.



Item	Part No.	Qty.	Description Of Part
* 1	9060-1166	1	<p>HYDROVAC - NO SERVICE PARTS ARE AVAILABLE PER VENDOR RECOMMENDATIONS. THIS PART SHOULD NOT BE SERVICED BY ANYONE OTHER THAN A BENDIX AUTHORIZED DISTRIBUTOR.</p> <p>NOTE: THIS PART 9060-1166 IS A DIRECT REPLACEMENT OF PART NUMBER 9060-0190 SHOWN ON PAGE 8-10.</p>

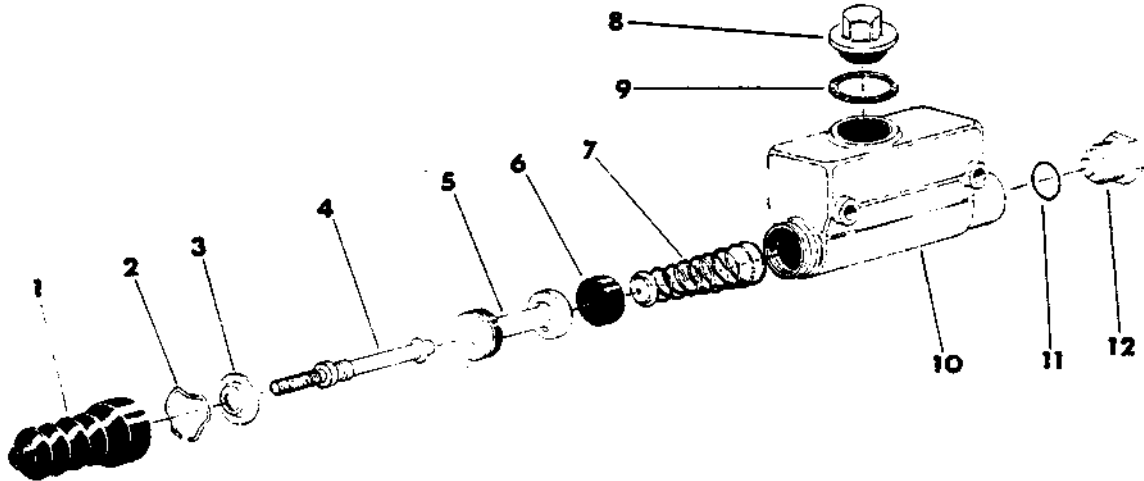
HYDROVAC (continued)

REF.	PART NO.	DESCRIPTION	REQ'D
13	201-019	SCREW, round head, 1/4" nf x 3".	1
14	201-020	CLAMP RING	1
15	026-197	PLUG, 3/4" NPT	1
16	201-022	NUT, 7/16" nf.	1
17	201-023	TUBE, vacuum	1
18	201-024	TUBE, control.	1
19	201-025	SEAL, ring	1
20	201-026	TUBE SEAT and FITTING.	1
21	201-027	SEAL	1
22	201-028	RETAINER and CUP ASSEMBLY.	1
23	201-029	SPRING, check valve.	1
24	201-030	WASHER	1
25	201-031	RING, snap	1
26	201-032	SCREW, bleed	1
27	201-033	SLAVE CYLINDER ASSEMBLY.	1
28	201-034	PISTON	1
29	201-036	* SEAL, cup.	1
30	201-044	PIN, valve plunger	1
31	201-037	RING, snap	1
32	201-038	RETAINER, seal	1
33	201-039	CUP, push rod seal	1
34	201-040	"O" RING	1
35	201-041	BEARING, push rod.	1
36	201-042	WASHER, support.	1
37	201-043	RING, retainer	1
38	201-070	PISTON CUP and DIAPHRAGM ASSEMBLY.	1
39	201-045	* CUP, valve piston.	2
40	201-047	* RETAINER, diaphragm.	1
41	201-048	* DIAPHRAGM.	1
42	201-049	RETAINER, spring	1
43	201-050	SPRING, valve return	1
44	201-057	STEM, valve.	1
45	201-056	SPRING, poppet return.	1
46	201-055	BODY, valve.	1
47	201-054	SCREW, self tapping.	1
48	201-053	SEAL, valve.	1
49	201-052	RETAINER, poppet	1
50	201-051	COVER, valve body.	1
--	200-963	KIT, repair	-



Item	Part No.	Qty.	Description Of Part
	9060-2651		MASTER CYLINDER
1	9040-1331	1	PUSH ROD
2	9040-1333	1	BOOT
3	9040-1334	1	LOCKWIRE
4	9040-1335	1	STOP PLATE
5	9040-1336	1	PISTON
6	9040-1337	1	CYLINDER CUP
7	9040-1338	1	SPRING
8	9040-1339	1	CAP
9	9040-1395	1	GASKET
10	9040-1332	1	TANK
11	9020-7856	1	GASKET
	9020-1478		CYLINDER REPAIR KIT (consists of items 2, 3, 5 & 6)

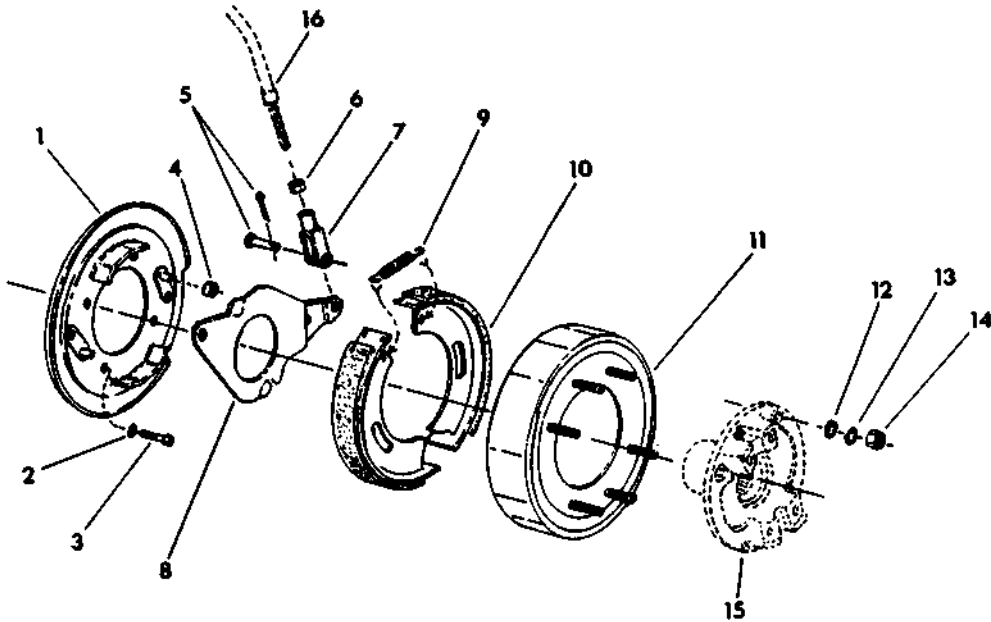
BRAKE MASTER CYLINDER
 MODEL 554 W/1-1/2" BRAKE MASTER CYLINDER



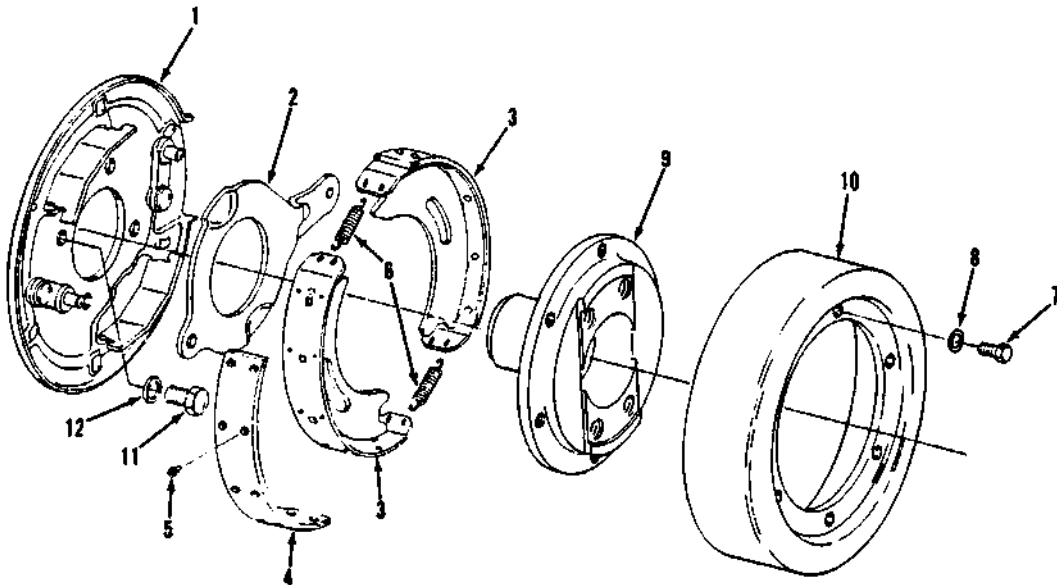
REF.	PART NO.	DESCRIPTION	REQ'D
--	601-048	CYLINDER, master	1
1	401-383	BOOT	1
2	401-385	LOCKWIRE	1
3	401-386	PLATE, stop.	1
4	401-384	ROD, push.	1
5	401-387	PISTON	1
6	401-388	CUP, cylinder.	1
7	401-389	SPRING	1
8	401-394	CAP.	1
9	401-395	GASKET	1
10	401-392	TANK	1
11	401-390	"O" RING	1
12	401-391	PLUG	1
--	401-393	KIT, cylinder repair - (consists of items 1, 2, 5, 6, and 11).	-

PARKING BRAKE

MODEL 552/554 W/TRANS. MOUNTED DRUM PARKING BRAKE (FUNK TRANS.)



REF.	PART NO.	DESCRIPTION	REQ'D
1	201-297	PLATE, backing	1
2	201-250	WASHER, star	4
3	020-015	BOLT, 1/2" nc x 1-1/4" - Gr. 5	4
4	201-298	SPACER	1
5	200-302	PIN, clevis, w/cotter.	1
6	021-118	NUT, jam	1
7	200-301	YOKE	1
8	201-299	BELLCRANK.	1
9	201-251	SPRING	1
10	201-252	SHOE, brake.	2
11	201-253	DRUM, brake.	1
12	201-254	WASHER, clipped.	6
13	021-456	WASHER, lock	6
14	021-098	NUT, 3/8" nf	6
15	- - -	YOKE and FLANGE.	1
16	- - -	CABLE, brake - (see Parking Brake Control page).	1



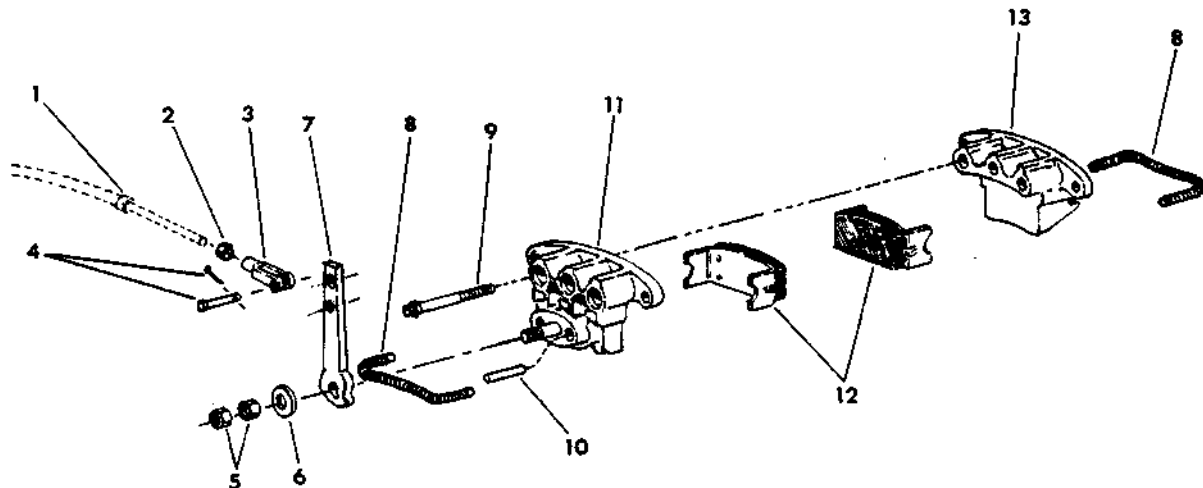
NOTE:
PARKING BRAKE ASSEMBLY
ONLY APPLIES TO THE 552

Item	Part No.	Qty.	Description Of Part
	7710-4260	1	PARKING BRAKE ASSEMBLY
	7710-4261	1	LINING & RIVET KIT (includes items 4 & 5)
1	7710-4262	1	BACKING PLATE ASSEMBLY
2	7710-4263	1	ACTUATING LEVER
3	7710-4264	2	SHOE & LINING ASSEMBLY
4	NSS	2	LINING (order P/N 7710-4261)
5	NSS	20	RIVET (order P/N 7710-4261)
6	7710-4265	2	RETURN SPRING
7	8820-1352	6	BOLT
8	8855-1011	6	LOCKWASHER
9	9020-4949	1	BRAKE FLANGE
10	9020-4950	1	BRAKE DRUM
11	7710-4268	4	CAPSCREW
12	7710-4269	4	LOCKWASHER

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PARKING BRAKE CALIPER

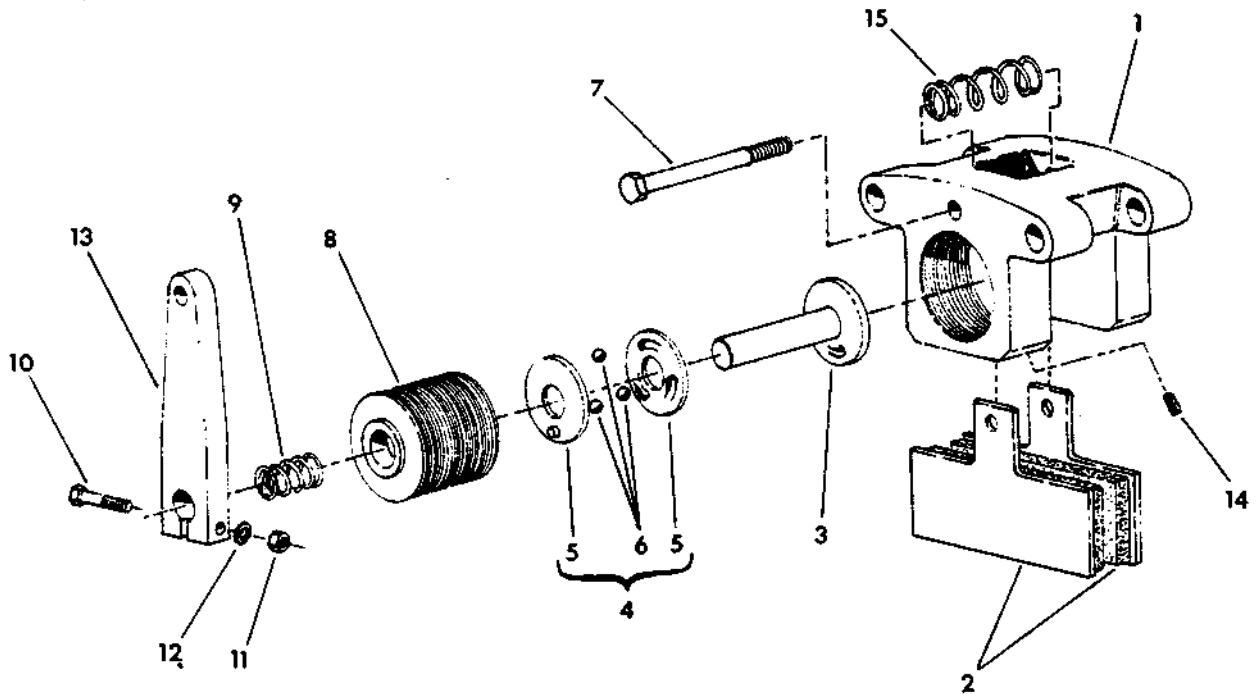
MODEL 552/554 W/TRANS. MOUNTED DISC PARKING BRAKE



REF.	PART NO.	DESCRIPTION	REQ'D
--	400-925	CALIPER, parking brake - (consists of items 5 thru 13)	-
1	- - -	CABLE, brake - (see Parking Brake Control page)	1
2	021-118	NUT, jam.	1
3	200-301	YOKE.	1
4	200-302	PIN, clevis and cotter.	1
5	021-119	NUT, jam.	2
6	401-367	WASHER.	1
7	401-361	LEVER	1
8	401-363	SPRING.	2
9	401-364	BOLT.	3
10	401-362	PIN	2
11	401-365	CALIPER, front half	1
12	401-024	SHOE, brake	2
13	401-366	CALIPER, rear half.	1

PARKING BRAKE CALIPER

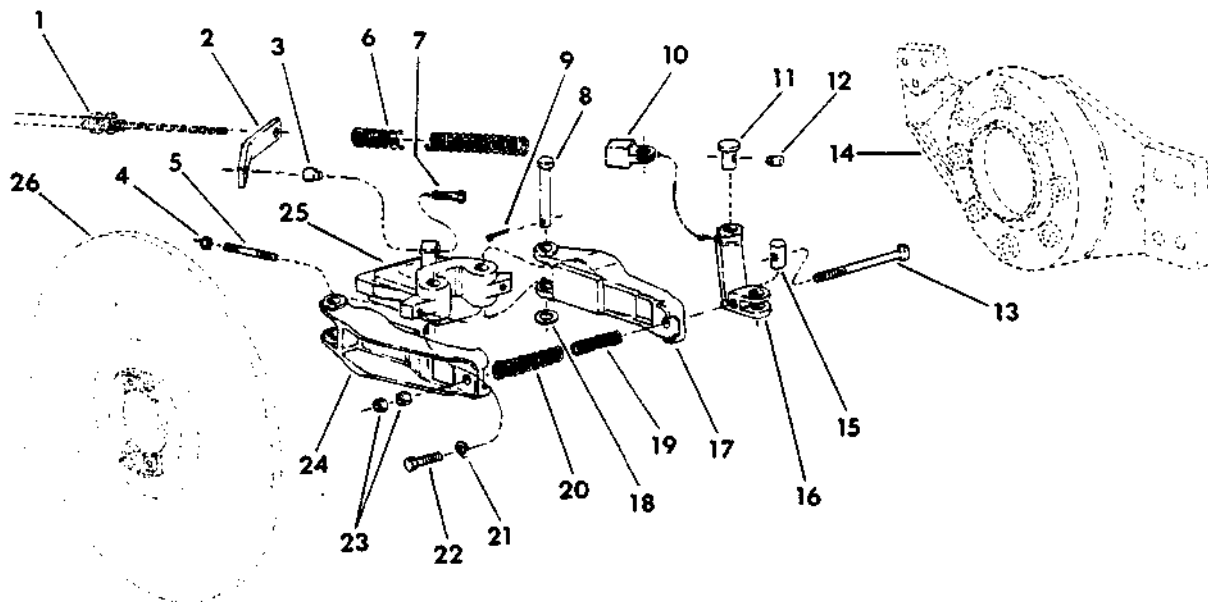
MODEL 554 WITH DUAL CALIPER TRANSMISSION MOUNTED DISC SERVICE BRAKE



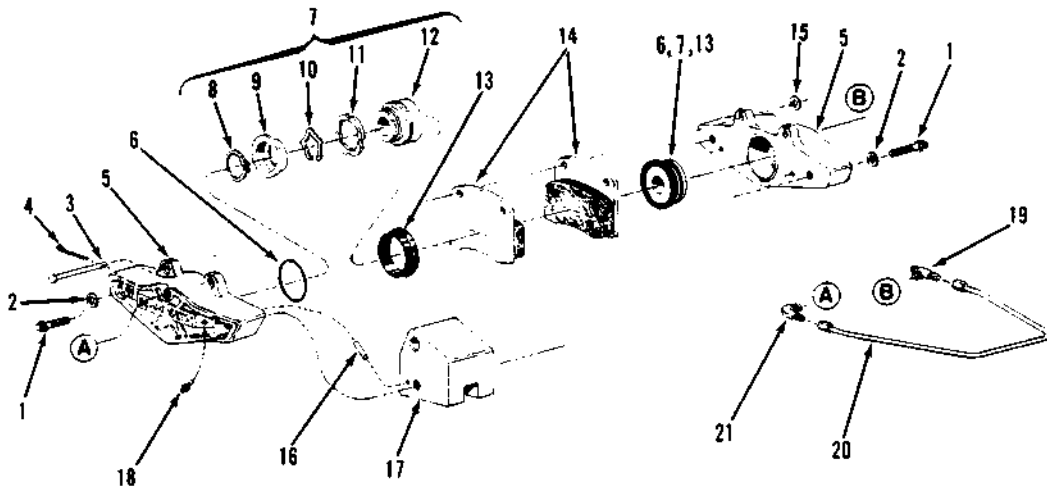
REF.	PART NO.	DESCRIPTION	REQ'D
--	401-570	CALIPER, parking brake.	-
1	NSS	HOUSING, caliper.	1
2	201-927	LINING.	2
3	401-466	PISTON.	1
4	401-463	KIT, repair	-
5	401-465	• PLATE, cam.	2
6	401-464	• BALL.	3
7	410-011	BOLT.	1
8	NSS	BODY.	1
9	401-462	SPRING.	1
10	410-012	BOLT.	1
11	410-013	NUT	1
12	410-014	WASHER.	1
13	401-461	LEVER	1
14	401-460	SETSCREW.	1
15	401-459	SPRING.	1

PARKING BRAKE CALIPER

MODEL 554 W/DIFFERENTIAL MOUNTED DISC PARKING BRAKE

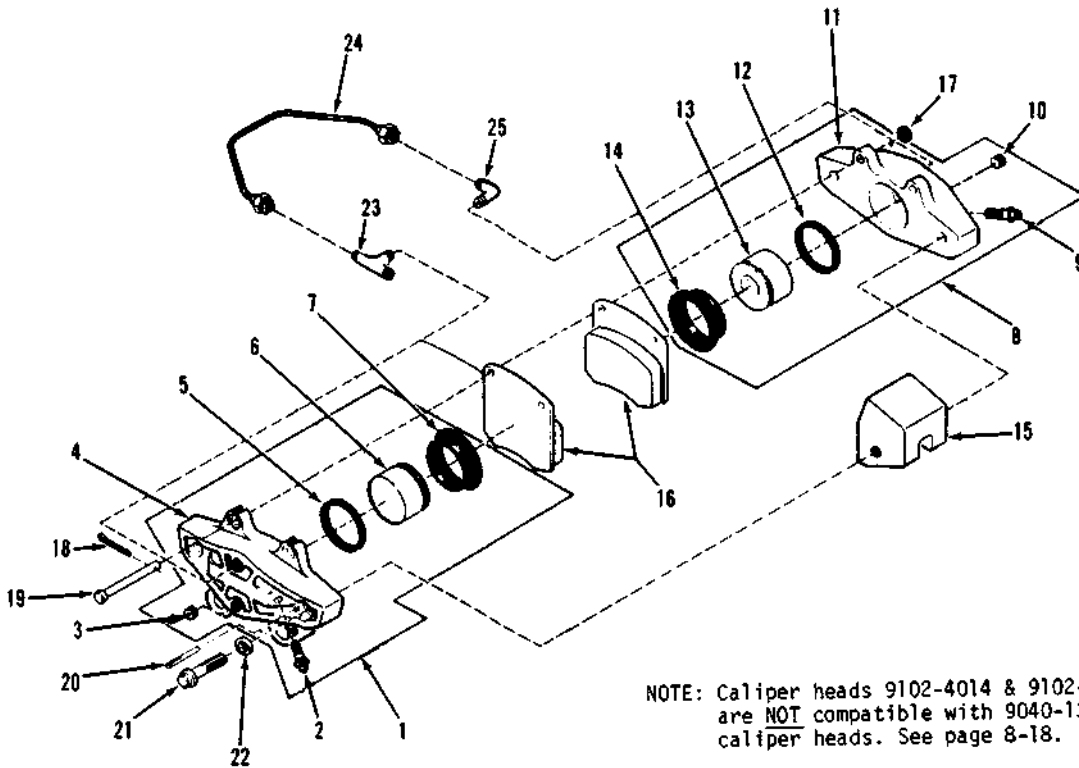


REF.	PART NO.	DESCRIPTION	REQ'D
--	401-271	BRAKE, parking - (consists of items 3, 4, 5, 8, 9, 11, 12, 13 and 15 thru 25)	-
1	- - -	CABLE, brake - (see Parking Brake Lever page)	1
2	401-106	BRACKET, brake cable	1
3	401-284	BUTTON, thrust	1
4	401-277	NUT	3
5	401-276	BOLT, thrust	2
6	201-831	SPRING	1
7	020-007	BOLT, 3/8" nc x 1" - Gr. 5	1
8	401-273	SHAFT	2
9	401-275	PIN	2
10	401-105	BLOCK	1
11	401-283	PIN	2
12	401-285	BUTTON, cable thrust	1
13	401-279	SHAFT, actuating lever	1
14	- - -	BRACKET, brake - (see Differential Carrier page)	1
15	401-283	SHAFT	1
16	401-278	LEVER, actuating	1
17	201-810	LEVER SUB ASSEMBLY	1
18	401-274	WASHER	2
19	401-281	SPRING	1
20	401-280	SPRING	1
21	401-286	WASHER, lock	3
22	401-287	BOLT, caliper mounting	3
23	401-282	NUT	1
24	201-811	LEVER SUB ASSEMBLY	1
25	401-272	CALIPER	1
26	- - -	BRAKE DISC and YOKE ASSEMBLY - (see Differential Carrier page)	-



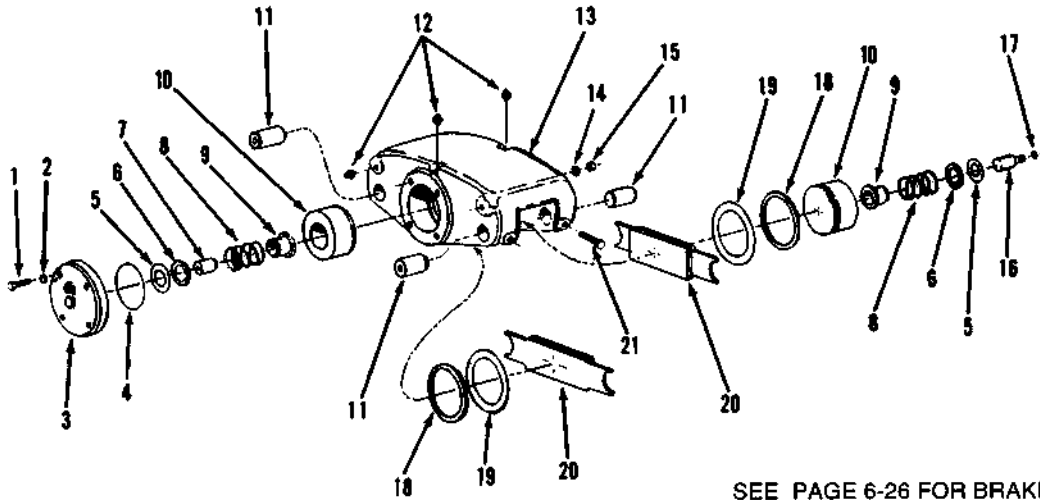
NOTE: (*) Items are no longer available. If replacement of one or more of these parts is required, a complete new brake assembly (9102-4008) must be purchased. See page 8-18A.

Item	Part No.	Qty.	Description Of Part
*-	9060-1045	-	BRAKE CALIPER (complete)
1	9040-1372	4	BOLT
2	9040-1373	4	FLAT WASHER
3	9002-1608	2	CLEVIS PIN
4	8863-1318	2	COTTER PIN
*5	9040-1370	2	CALIPER HEAD
6	9040-1376	2	"O" RING
*7	9040-1382	2	PISTON ASSEMBLY (retractable)
*8	9040-1377	1	. SNAP RING
*9	9040-1378	1	. SPRING RETAINER
*10	9040-1379	1	. SPRING
*11	9040-1380	1	. WASHER
*12	9040-1381	1	. PISTON
13	9060-1051	2	DUST SEAL
14	9060-1047	2	LINING
15	8856-1109	2	FLAT WASHER 3/8
16	9040-1374	4	PIN
17	9040-1375	2	SPACER BLOCK
18	9040-1371	4	BLEED SCREW
19	9040-1368	1	TEE
20	9040-1369	1	TUBE LINE
21	9002-6400	1	ELBOW - 90 DEGREES



NOTE: Caliper heads 9102-4014 & 9102-4015 are NOT compatible with 9040-1370 caliper heads. See page 8-18.

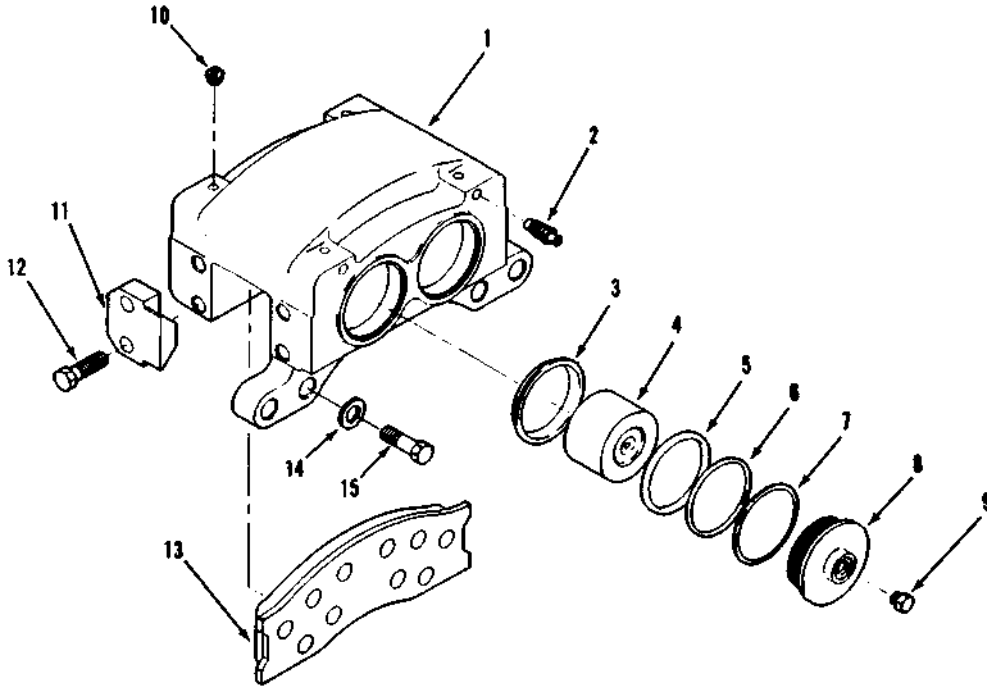
Item	Part No.	Qty.	Description Of Part
-	9102-4008	-	BRAKE ASSEMBLY
1	9102-4010	1	. SUB ASSEMBLY (front)
2	9102-4011	2	. . BLEED SCREW
3	9102-4013	1	. . PLUG
4	9102-4014	1	. . CALIPER HEAD
5	9102-4016	1	. . "O" RING
6	9102-4017	1	. . PISTON (nonretractable)
7	9102-4018	1	. . DUST SEAL
8	9102-4009	1	. SUB ASSEMBLY (rear)
9	9102-4011	2	. . BLEED SCREW
10	9102-4013	1	. . PLUG
11	9102-4015	1	. . CALIPER HEAD
12	9102-4016	1	. . "O" RING
13	9102-4017	1	. . PISTON (nonretractable)
14	9102-4018	1	. . DUST SEAL
15	9102-4023	1	. SPACER BLOCK
16	9102-4019	2	. LINING
17	9102-4022	2	. WASHER
18	8863-1318	2	. COTTER PIN 1/8X3/4
19	9002-1608	2	. CLEVIS PIN
20	9102-4012	2	. PIN
21	9040-1372	4	. BOLT
22	9040-1373	4	. FLAT WASHER
23	9040-1368	1	. TEE
24	9102-4020	1	. TUBE LINE
25	9102-4021	1	. ELBOW - 90 DEGREES



SEE PAGE 6-26 FOR BRAKE DISC

Item	Part No.	Qty.	Description Of Part
	9060-1114	Ref	SERVICE BRAKE ASSY (includes all items)
	9040-1360	1	PACKING KIT (includes items 4, 17, 18 & 19)
1	9040-1343	4	BOLT
2	9040-1344	4	WASHER
3	9040-1345	1	CAP
* 4		1	PACKING
5	9040-1350	2	RING
6	9040-1352	2	WASHER
7	9040-1346	1	GUIDE
8	9040-1353	2	SPRING
9	9040-1354	2	SLEEVE
10	9040-1349	2	PISTON
11	9040-1342	4	PIN
12	9040-1359	4	BLEEDER
*13		1	TORQUE PLATE (not sold separately, order part number 9060-1114)
14	9040-1344	1	WASHER
15	9040-1347	1	HEX NUT
16	9040-1348	1	GUIDE
*17		1	PACKING
*18		2	PACKING
*19		2	BOOT
20	9060-1113	2	CARRIER & LINING
21	9040-1341	4	BOLT
			NOTE: S/N #8611554 AND AFTER REQUIRE 5/8-11 MOUNTING BOLTS. BEFORE S/N #8611554 USE 1/2-13 BOLTS.
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

* Items 4, 13, 17, 18 & 19 are no longer available separately, must order packing kit or complete assy when servicing.

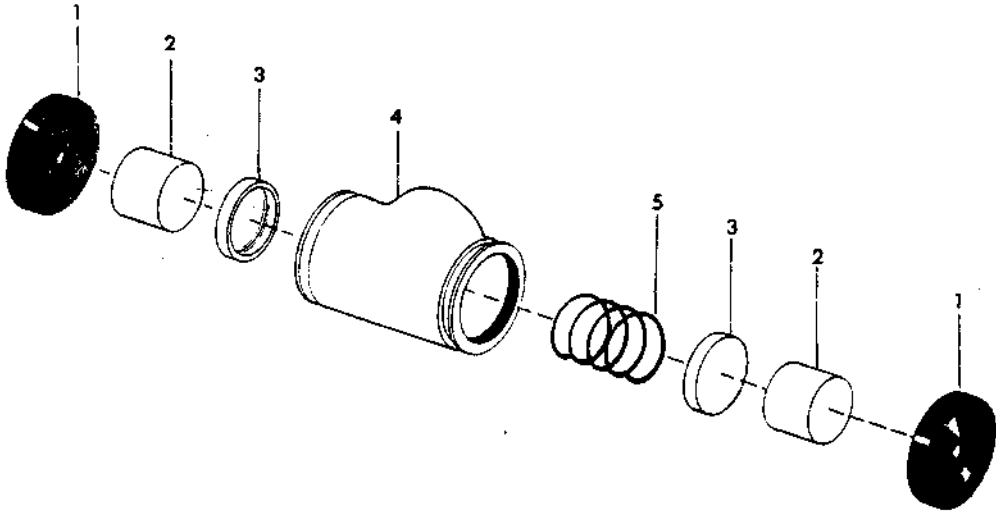


Item	Part No.	Qty.	Description Of Part
	9102-4111	Ref	BRAKE ASSY (includes items 1 thru 13)
1	9102-4050	1	HOUSING
2	9102-4051	2	BLEEDER SCREW
3	9102-4052	4	DUST SEAL
4	9102-4053	4	PISTON
5	9102-4054	4	BACKING RING
6	9102-4055	4	O RING
7	9102-4056	4	O RING
8	9102-4057	2	CAP
9	9102-4058	1	PLUG
10	9102-4059	4	PLUG
11	9102-4060	4	HOUSING PLACE
12	9102-4061	8	CAPSCREW
13	9102-4062	2	LINING ASSY
14	9102-4063	8	WASHER
15	9102-4064	8	CAPSCREW (brake assembly to steering knuckle)

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WHEEL BRAKE CYLINDER

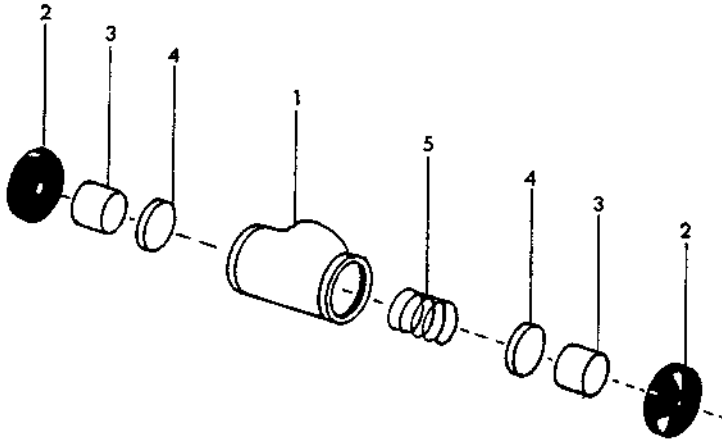
MODEL 554 W/ROCKWELL PSM250 AXLE



REF.	PART NO.	DESCRIPTION	REQ'D
	600-711	CYLINDER, wheel 2" diameter.	1
1	NSS	• BOOT	2
2	NSS	• PISTON	2
3	NSS	• CUP.	2
4	NSS	• BODY	1
5	NSS	• SPRING	1
	201-627	KIT, 2" wheel repair	1

WHEEL BRAKE CYLINDER

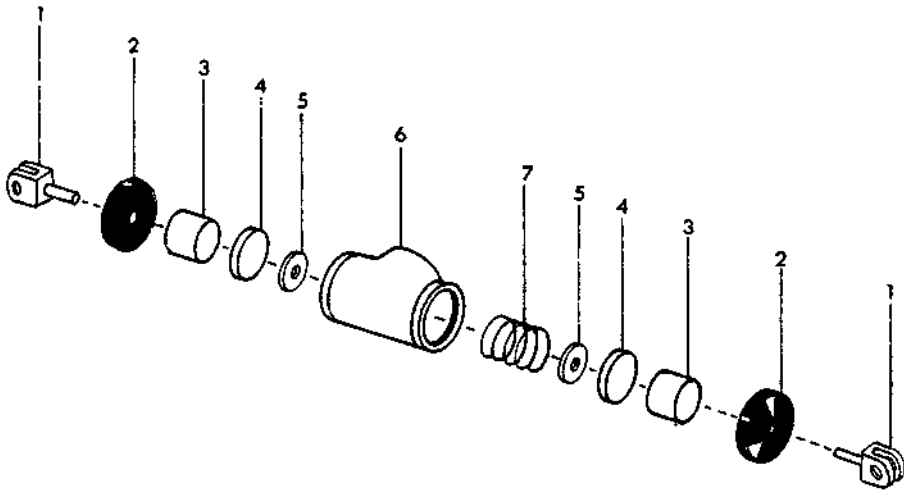
MODEL 554 W/ROCKWELL PS201 AXLE



REF.	PART NO.	DESCRIPTION	REQ'D
	203-616	CYLINDER, wheel 1 3/4" diameter.	2
1	NSS	• BODY	1
2	NSS	• BOOT	2
3	NSS	• PISTON	2
4	NSS	• CUP.	2
5	NSS	• SPRING	1
	400-587	KIT, 1 3/4" wheel repair	-

WHEEL BRAKE CYLINDER

MODEL 552 W/ROCKWELL PR108 AXLE

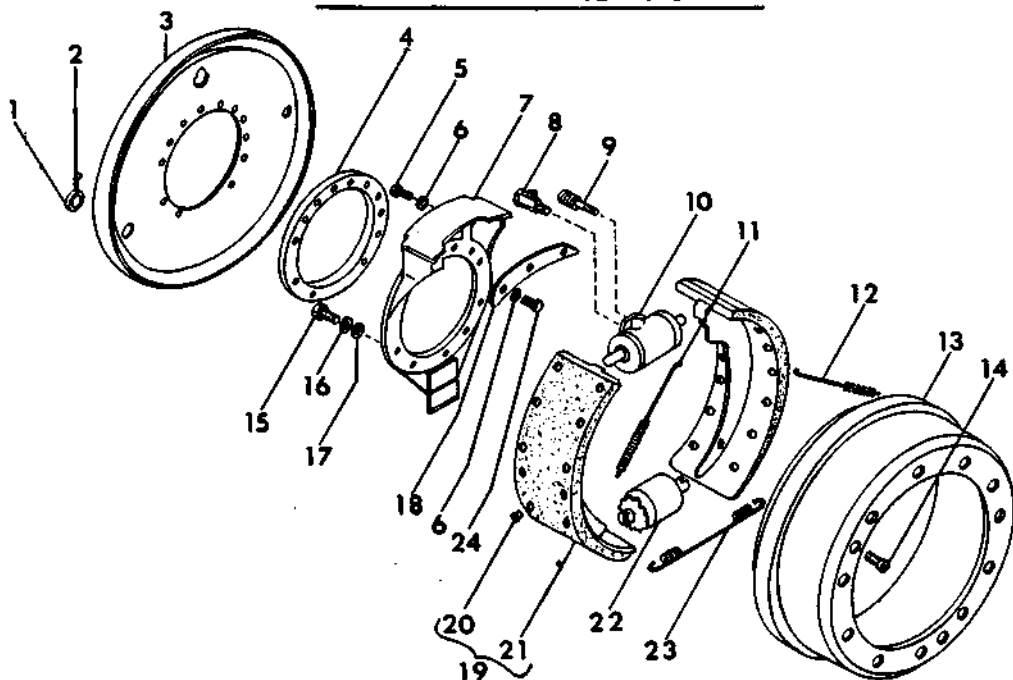


REF.	PART NO.	DESCRIPTION	REQ'D
--	203-802	CYLINDER, wheel 2" diameter.	2
1	203-615	• YOKE	2
2	NSS	• BOOT	2
3	NSS	• PISTON	2
4	NSS	• CUP.	2
5	NSS	• WASHER	2
6	NSS	• HOUSING.	1
7	NSS	• SPRING	1
--	201-627	KIT, 2" wheel repair	-

BRAKES

MODEL 552 W/SOMA AXLES

FOR UNITS W/ SPACER ITEM #4

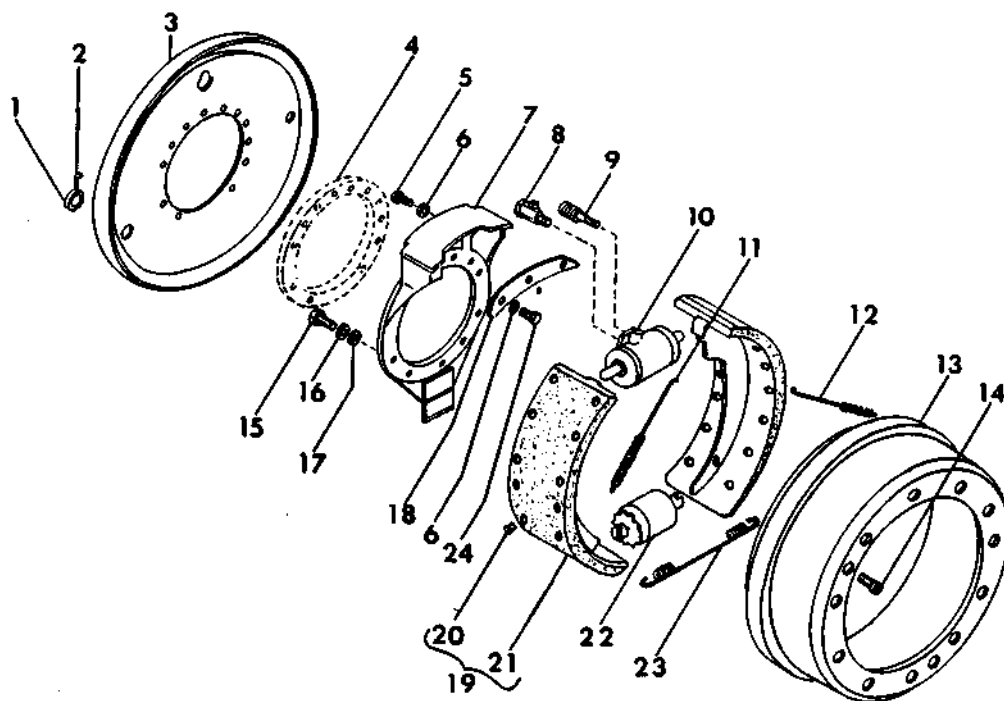


REF.	PART NO.	DESCRIPTION	REQ'D
	203-894	BRAKE, right complete	1
	203-895	BRAKE, left complete.	1
1	203-913	DUST COVER.	2
2	203-914	PROTECTION RING	2
3	203-916	DUST COVER.	1
4	203-915	SPACER.	1
5	203-902	BOLT.	2
6	203-900	WASHER.	4
7	203-896	BACKING PLATE	1
8	203-920	WHEEL CYLINDER FITTING.	1
9	203-919	BLEED SCREW	1
10	203-901	BRAKE CYLINDER.	1
11	203-906	SPRING.	1
12	203-908	SPRING.	2
13	203-917	BRAKE DRUM.	1
14	203-918	SCREW	3
15	203-912	BOLT.	1
16	203-911	WASHER.	1
17	203-910	WASHER, lock.	1
18	203-897	SPRING RETAINING PLATE.	1
	203-898	SPRING RETAINING PLATE.	1
19	203-903	BRAKE SHOE and LINING	2
20	203-905	•RIVET	32
21	203-904	•LINING.	2
22	203-909	BRAKE ADJUSTER.	1
23	203-907	SPRING.	1
24	203-899	BOLT.	2

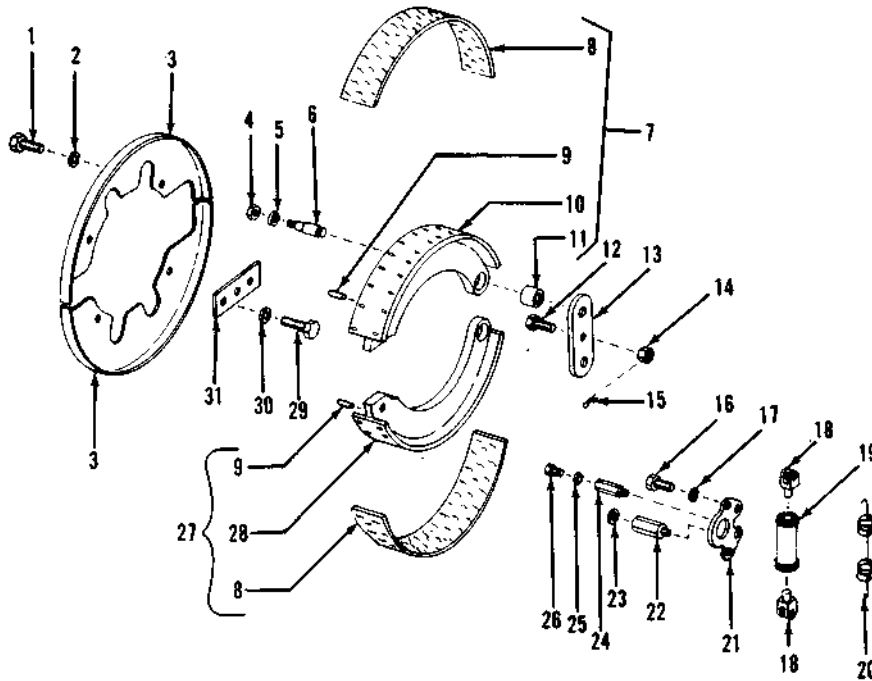
BRAKES

MODEL 552 W/ SOMA AXLES

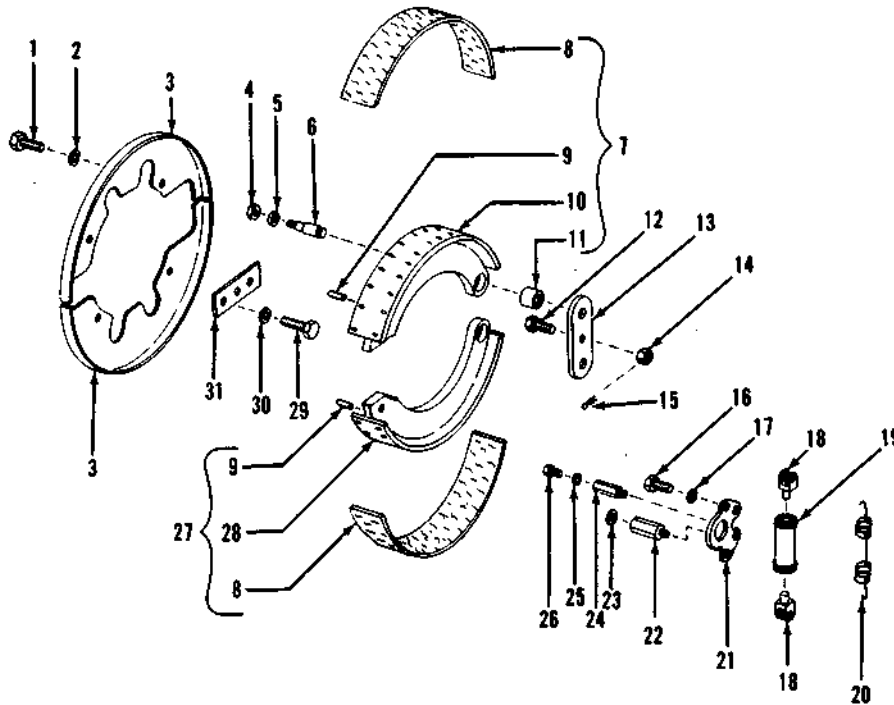
FOR UNITS W/O SPACER, ITEM 4



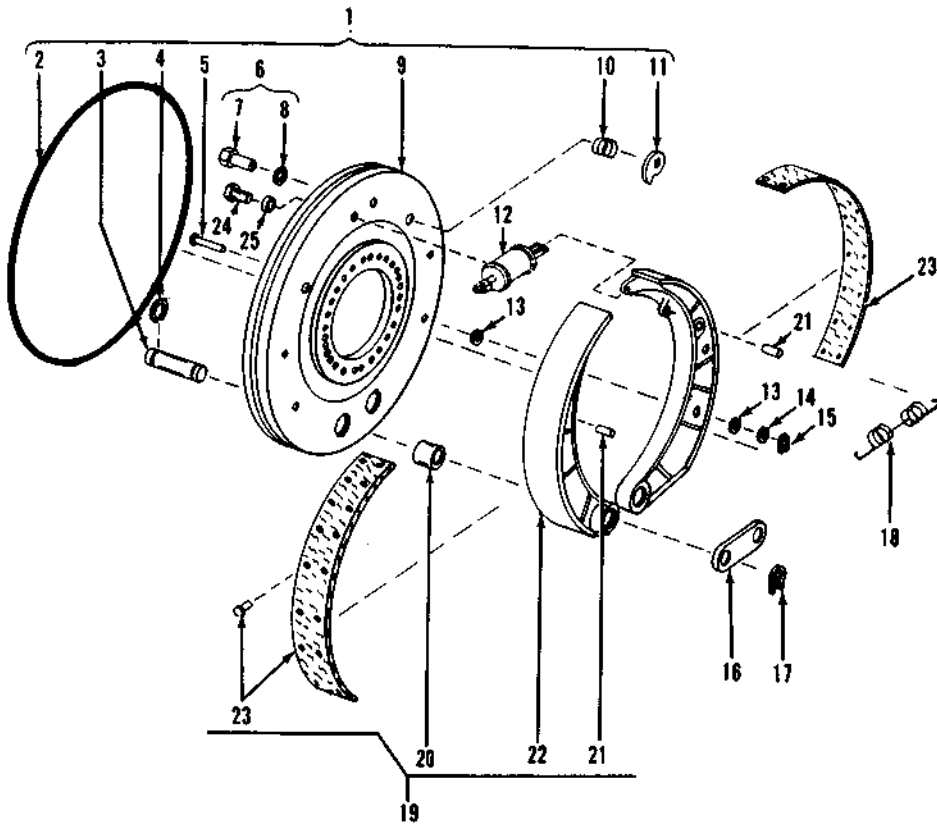
REF.	PART NO.	DESCRIPTION	REQ'D
--	208-216	BRAKE ASSEMBLY	2
1	208-217	DUST COVER	2
2	203-914	PROTECTION RING.	2
3	208-218	DUST COVER	1
4		SPACER	1
5	203-902	BOLT	2
6	203-900	WASHER	4
7	208-219	BACKING PLATE.	1
8	203-920	WHEEL CYLINDER FITTING	1
	208-220	WASHER	2
	208-221	BOLT	1
9	203-919	BLEED SCREW.	1
10	203-901	BRAKE CYLINDER	1
11	203-906	SPRING	1
12	203-908	SPRING	2
13	203-917	BRAKE DRUM	1
14	203-918	SCREW.	3
15	203-912	BOLT	1
16	203-911	WASHER	1
17	203-910	WASHER, lock	1
18	208-222	SPRING RETAINING PLATE	1
19	203-903	BRAKE SHOE and LINING.	2
20	203-905	• RIVET.	32
21	203-904	• LINING	2
22	208-223	BRAKE ADJUSTER	1
23	208-224	SPRING	1
24	208-225	BOLT	2



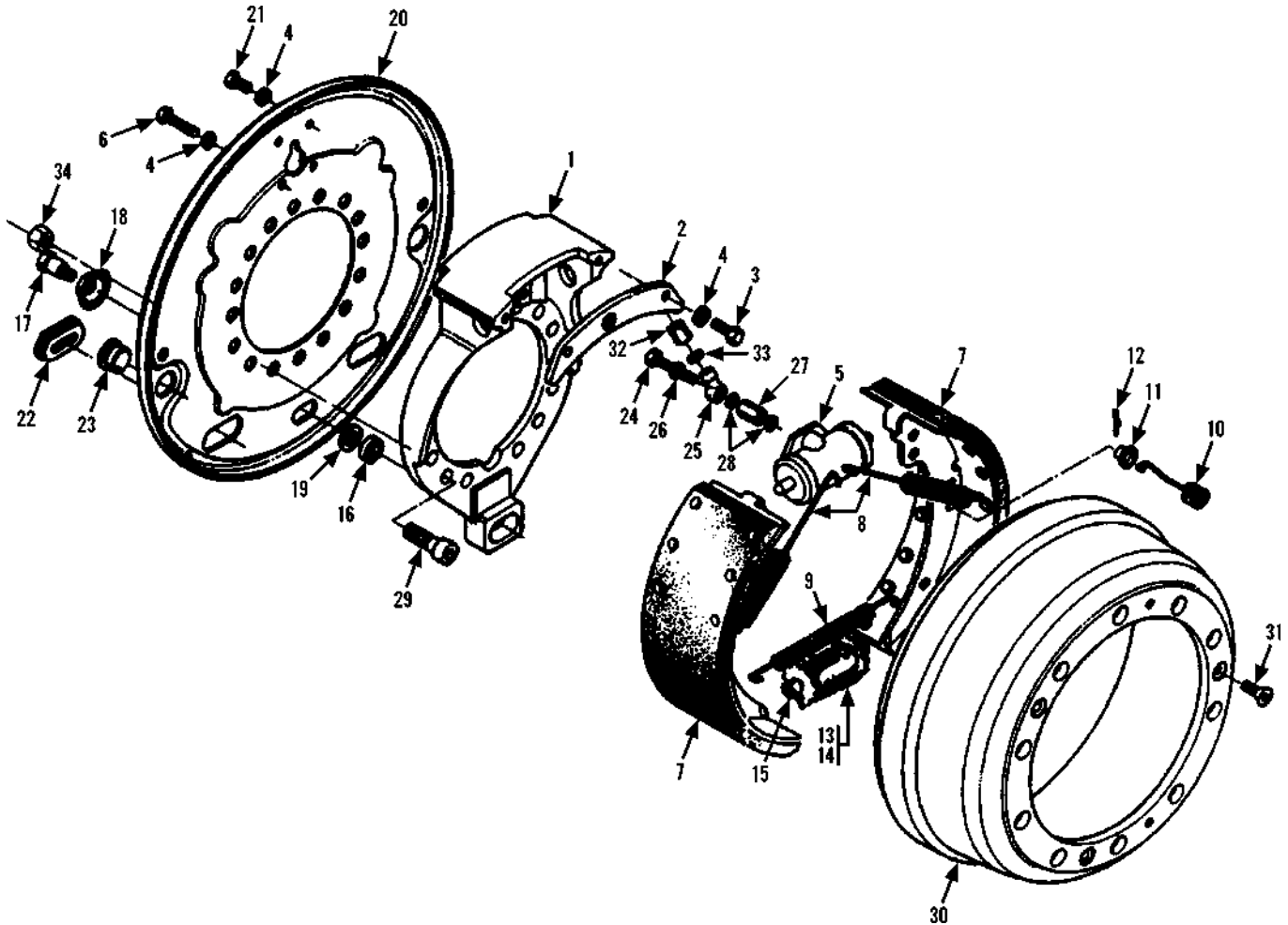
Item	Part No.	Qty.	Description Of Part
1	8368-4076	8	CAPSCREW
2	8348-3569	8	LOCKWASHER
3	9020-3688	2	SHIELD
	9020-3689	2	SHIELD
4	8307-4089	4	NUT
5	9020-7903	4	LOCKWASHER, 1"
6	9020-3690	4	PIN
7	7710-4387	2	BRAKE SHOE ASSEMBLY (left forward, right rear)
8	9020-3606	1	BRAKE LINING & RIVET KIT
9	7710-4384	4	PIN
10	9020-3608	4	BRAKE SHOE
11	8307-4470	4	BUSHING
12	9020-3691	2	BOLT
13	8307-4090	2	LINK
14	8307-3120	2	NUT
15	8863-1310	2	COTTER PIN, 3/32x1
16	8368-4316	4	CAPSCREW
17	8348-3569	4	LOCKWASHER
18	9020-3615	4	CONNECTING LINK
19	9060-0711	2	WHEEL CYLINDER (See pg. 8-21)
20	8307-1816	2	SPRING
21	9020-3693	2	ADAPTER
22	7710-4398	2	INLET FITTING EXTENSION
23	9020-3620	2	GASKET
24	9020-3695	2	BLEEDER SCREW
25	8855-1009	2	LOCKWASHER, 1/4"
26	8820-1500	2	HEX HD CAPSCREW, 1/4-28x1/2 Gr 5
27	7710-4383	2	BRAKE SHOE ASSEMBLY (right fwd, left rev.)
28	9020-3622	2	BRAKE SHOE
29	9020-3623	4	BOLT
30	8850-1011	4	LOCKWASHER, 3/8"
31	9020-3624	2	DUST SHIELD MOUNTING PLATE



Item	Part No.	Qty.	Description Of Part
1	9020-3600	12	CAPSCREW
3	9020-3601	12	WASHER
3	9020-3602	2	SHIELD
	9020-3603	2	SHIELD
4	8307-4089	4	NUT
5	8855-1018	4	LOCKWASHER, 1"
6	9020-3605	4	PIN
7	7710-4387	2	BRAKE SHOE ASSY (1 ft. fwd. & rt. rev.)
8	9020-3606	1	LINING & RIVET KIT
9	7710-4384	4	PIN
10	9020-3608	2	BRAKE SHOE
11	8307-4470	4	BUSHING
12	9020-3610	2	CAPSCREW
13	8307-4090	2	LINK
14	8307-3120	2	NUT
15	8863-1310	2	COTTER PIN, 3/32x1
16	9020-3613	4	CAPSCREW
17	8540-3189	4	LOCKWASHER
18	9020-3615	4	CONNECTING LINK
19	9020-3616	2	WHEEL CYLINDER, (See pg. 8-22)
20	8307-1816	2	SHOE RETURN SPRING
21	9020-3618	2	ADAPTER
22	7710-4398	2	INLET FITTING EXTENSION
23	9020-3620	2	GASKET
24	9020-3621	2	BLEEDER SCREW
25	8855-1009	2	LOCKWASHER, 1/4"
26	8820-1500	2	HEX HD CAPSCREW, 1/4-28x1/2 Gr 5
27	7710-4383	2	BRAKE SHOE ASSY (rt. fwd & 1 ft. rev.)
28	9020-3622	2	BRAKE SHOE
29	9020-3623	4	CAPSCREW
30	8855-1011	4	LOCKWASHER, 3/8"
31	9020-3624	2	DUST SHIELD MOUNTING PLATE

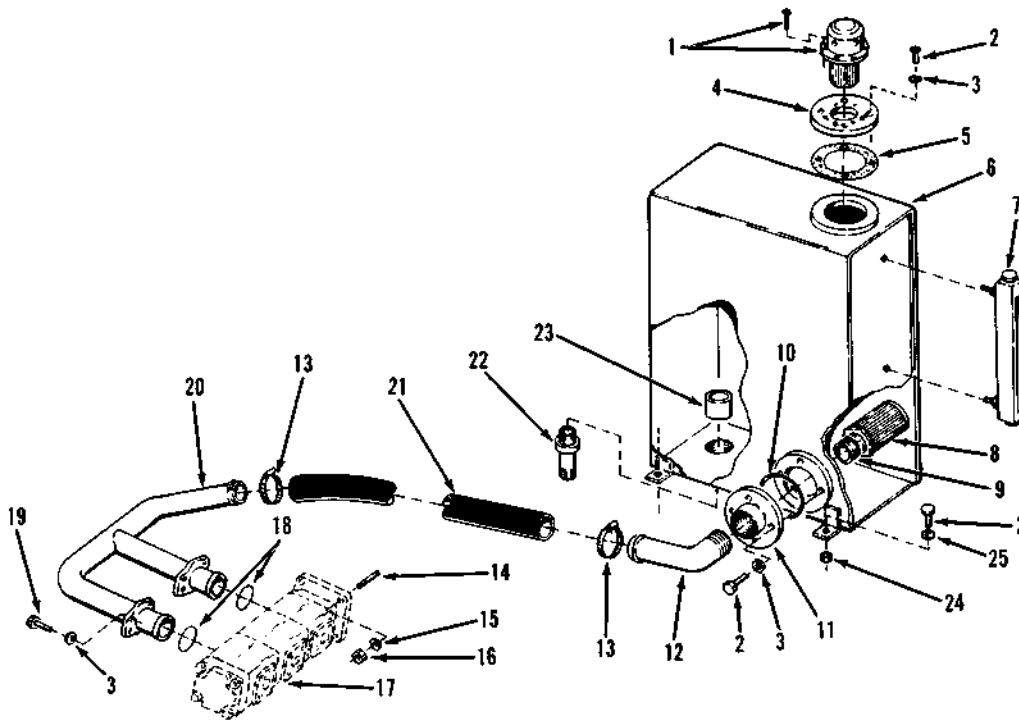


Item	Part No.	Qty.	Description Of Part
1	9020-3793	2	BRAKE SPIDER ASSEMBLY (includes items 2 thru 11)
2	9020-3794	2	SEAL
3	7710-4423	4	PIN
4	7710-4424	4	SNAP RING
5	9020-3797	4	SHOE GUIDE PIN
6	9020-3798	4	BRAKE SHOE ADJUSTMENT CAM PIN ASSY. (includes 7 & 8)
7	NSS	4	PIN
8	7710-4420	4	WASHER
9	NSS	2	SPIDER
10	7710-4421	4	SPRING
11	9020-3801	4	CAM
12	9060-0711	2	WHEEL CYLINDER (See pg. 8-21)
13	9020-3803	12	WASHER
14	9020-3804	4	WASHER
15	9020-3805	4	"C" WASHER
16	7710-4433	2	SPRING
17	8307-1422	4	"C" WASHER
18	7710-4434	2	SPRING
19	9020-3809	4	BRAKE SHOE ASSEMBLY (includes items 20 thru 23)
20	9020-3810	4	BUSHING
21	9020-3811	4	STOP PIN
22	NSS	4	BRAKE SHOE
23	9020-3812	1	LINING KIT
24	9020-3814	2	BOLT
25	8348-3569	2	WASHER



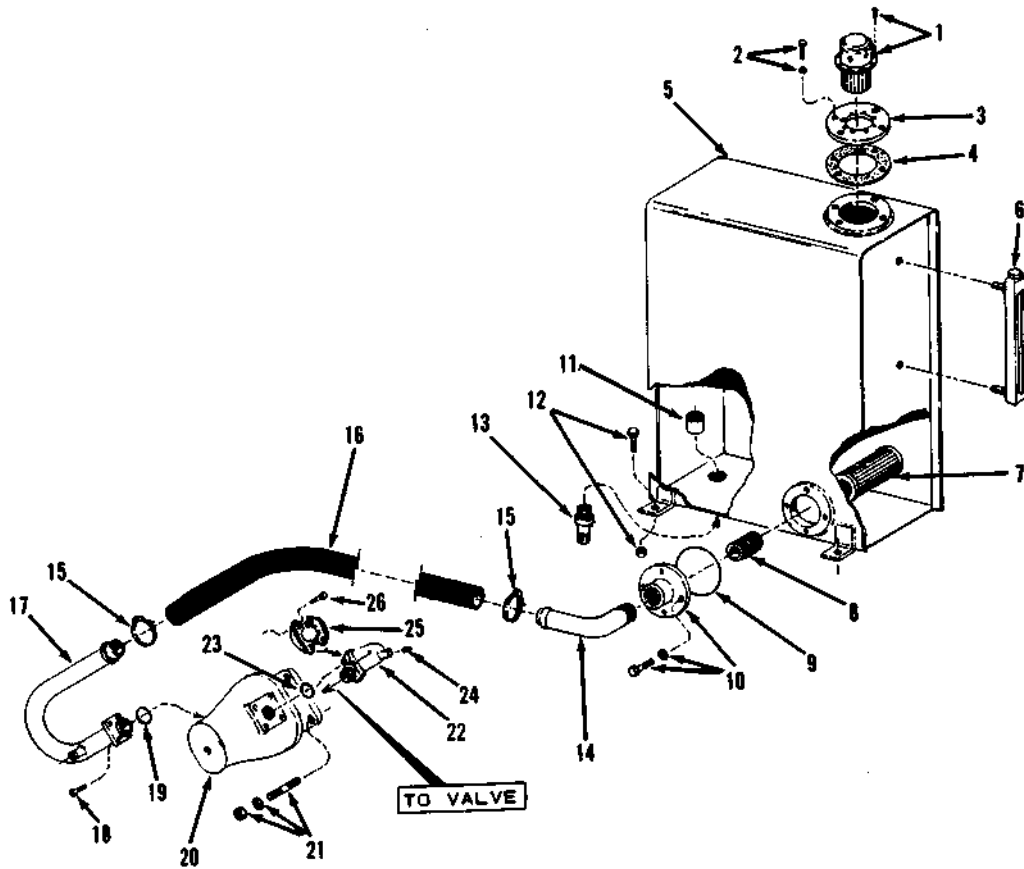
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9101-4105	Ref	BRAKE ASSY, (includes all items)	20	9101-4119	1	DUST SHIELD
1	9101-4106	1	BRAKE SPIDER	21	9101-4107	6	CAPSCREW
2	9020-3897	1	STRAP PLATE	22	9101-4121	2	PLUG
3	9101-4107	2	CAPSCREW	23	9101-4122	4	PLUG
4	9101-4108	10	WASHER	24	9101-4123	1	CAPSCREW
* 5	9101-4109	1	WHEEL CYLINDER, (includes seal kit)	25	9101-4124	1	CONNECTOR
* 6	9101-4110	2	CAPSCREW	26	9101-4125	1	SEALING RING
7	9101-4111	2	BRAKE SHOE ASSY	27	9101-4126	1	SPACER
8	9101-4112	2	PULL SPRING	28	9101-4127	2	SEALING RING
9	9101-4113	1	PULL SPRING	29	9101-4128	15	CAPSCREW
10	9020-3908	2	PRESSURE SPRING	*30	9101-4136	1	DRUM
11	9101-4114	2	LOCK PLATE	31	9020-1849	3	CAPSCREW
12	9101-4115	2	RING	32	9101-4120	1	CONNECTOR
13	9101-4116	1	SLACK ADJUSTER, (includes items 14 & 15)	33	9101-4129	1	WASHER
14	9101-4117	2	SPRING	34	9101-4130	15	NUT
15	9101-4118	2	CAPSCREW				NOTE: QUANTITIES SHOWN ARE FOR ONE WHEEL END ASSY.
16	9020-3910	1	WASHER				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
17	9020-3912	1	CAPSCREW				
18	9020-3911	1	SEAL				
19	9020-7946	1	WASHER				

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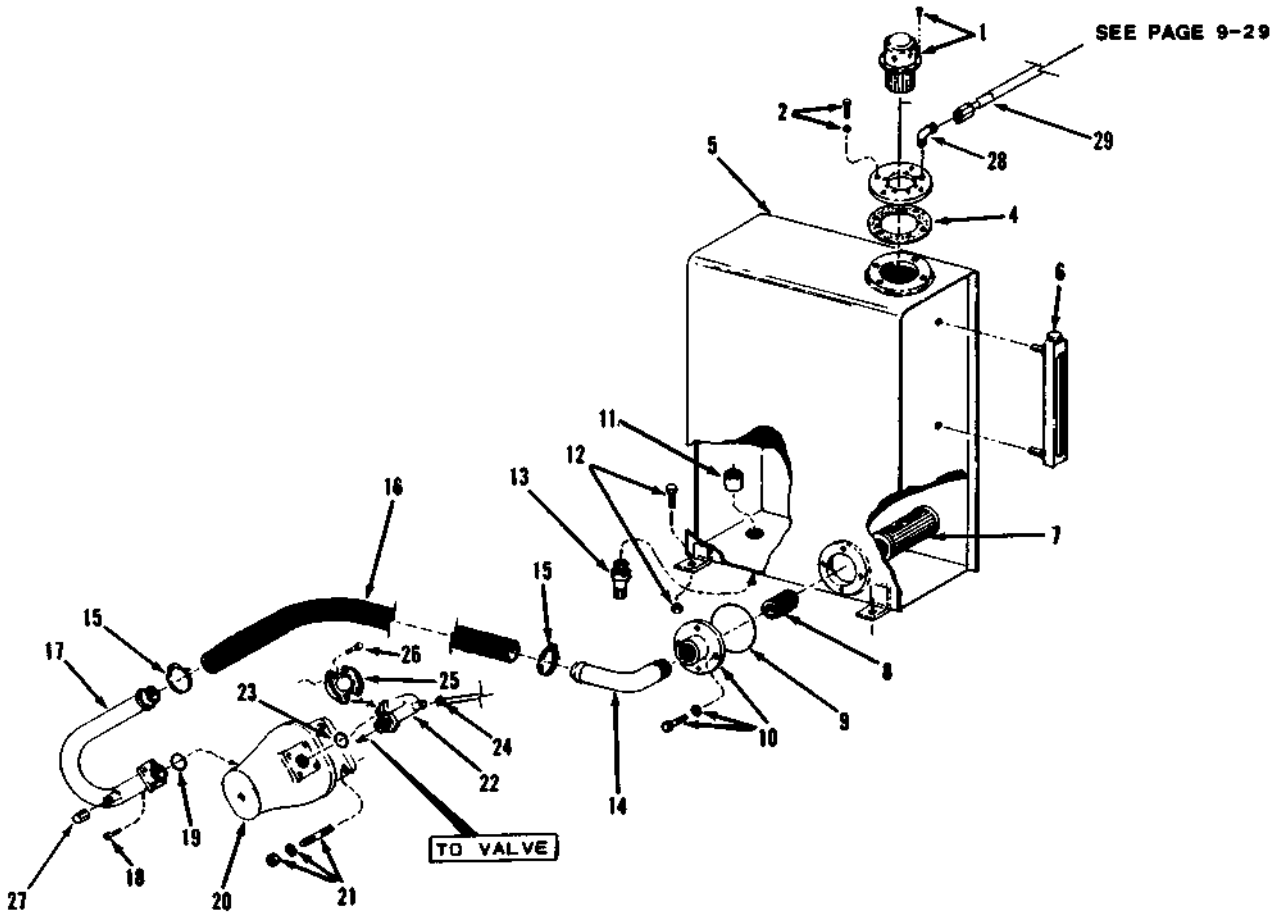


Item	Part No.	Qty.	Description Of Part
1	9020-0173	1	CAP AND STRAINER
2	8820-1035	11	HEX HD CAPSCREW, 3/8-16 X 1, GR5
3	8855-1011	16	LOCKWASHER, 3/8
4	9020-0177	1	FLANGE
5	9020-0396	1	GASKET
6	9060-0051	1	HYDRAULIC RESERVOIR
7	9020-3823	1	OIL SIGHT GAUGE
8	9070-0170	1	MAGNETIC SEPARATOR
9	8870-1009	1	CLOSE NIPPLE, 2 X 2
10	8859-1127	1	O RING
11	9040-0051	1	FILTER FLANGE
12	9002-6632	1	HYDRAULIC LINE
13	8423-1107	2	HOSE CLAMP
14	9020-0411	4	STUD
15	8855-1013	4	LOCKWASHER, 1/2
16	8850-1008	4	HEX NUT, 1/2 - 13
17		1	PUMP (see page 10-23)
18	9002-3225	2	O RING
19	8820-1036	8	HEX HD CAPSCREW, 3/8-16 X 1 1/4, GR5
20	9060-0200	1	PUMP MANIFOLD (before s/n 426)
	9060-1638	1	PUMP MANIFOLD (s/n 426 & after)
21	9020-4729	1	LOW PRESSURE HOSE (bulk)
22	9040-0610	1	CHECK VALVE ADAPTER
23	9020-1550	1	CHECK VALVE
24	8850-1006	3	HEX NUT, 3/8 - 16
25	8856-1109	3	FLAT WASHER, 3/8

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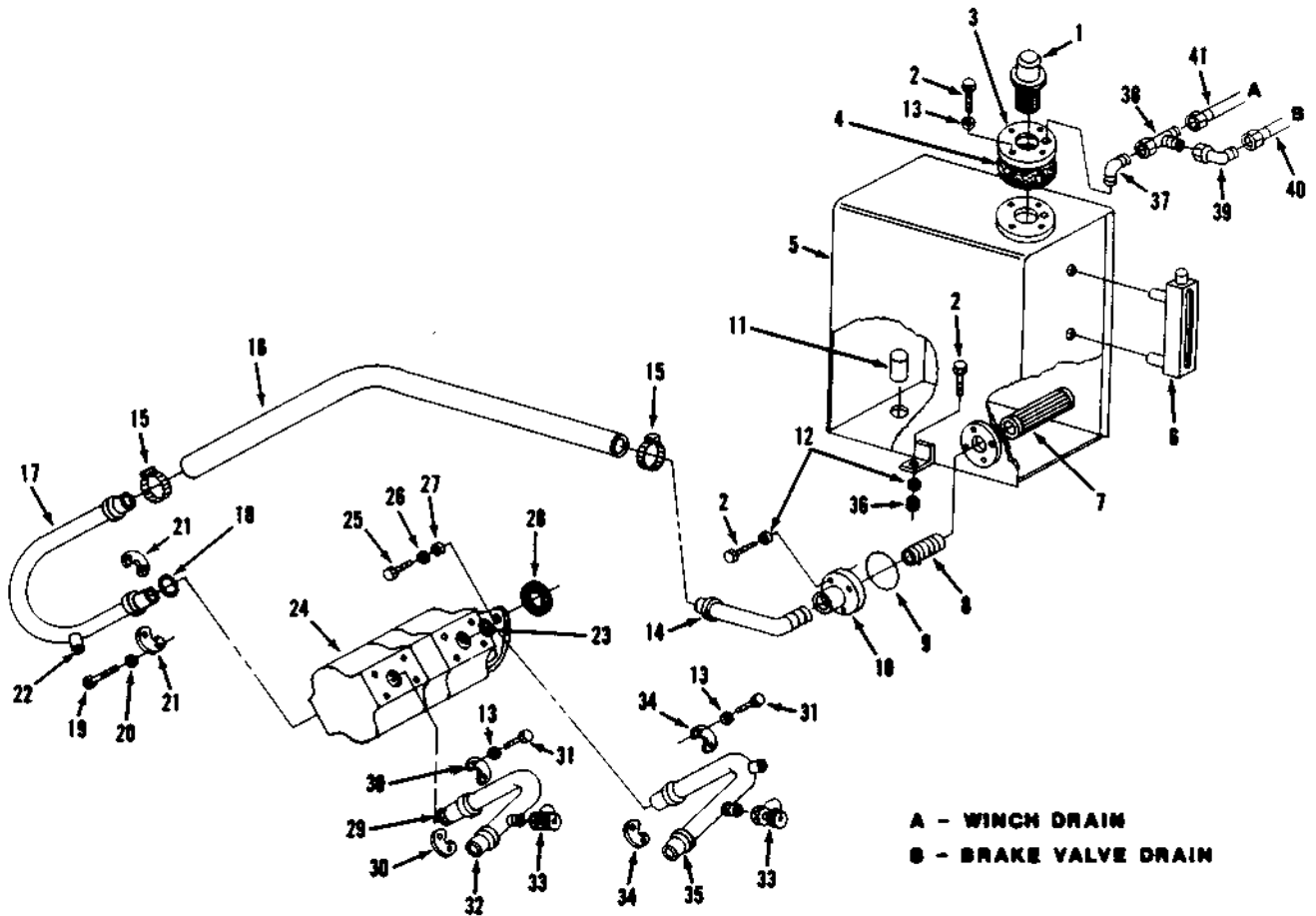


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9020-0173	1	CAP AND STRAINER	13	9040-0610	1	CHECK VALVE ADAPTER
2	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR 5	14	9002-6632	1	HYDRAULIC LINE
	8855-1011	4	LOCKWASHER, 3/8	15	8423-1107	2	HOSE CLAMP, 2"
3	9020-0177	1	FLANGE	16	9020-4729	1	LOW PRESSURE HOSE
4	9020-0396	1	GASKET	17	9020-5173	1	PUMP MANIFOLD
5	9060-0051	1	HYDRAULIC OIL TANK	18	8820-1067	4	HEX HD CAPSCREW, 1/2-13X1-1/2 GR 5
6	9020-3823	1	OIL SIGHT GAUGE	19	9002-8225	1	"O" RING (manifold to pump)
7	9060-0170	1	MAGNETIC SEPARATOR	20	9060-1789	1	PUMP
8	9002-6226	1	NIPPLE	21	9020-2327	4	PUMP MOUNTING STUD, 1/2 NC X 13-1/2
9	9002-3249	1	"O" RING GASKET				9020-3506
10	9040-0051	1	FLANGE				8850-1008
	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR 5	22	9060-1854	1	HYDRAULIC LINE
	8855-1011	4	LOCKWASHER, 3/8	23	8859-1210	1	"O" RING (pump outlet)
11	9020-1550	1	CHECK VALVE	24	8871-1281	1	HEX SOCKET PIPE PLUG, 1/4
12	8820-1035	AR	HEX HD CAPSCREW, 3/8-16X1, GR 5 (tank mounting)	25	8471-1334	2	FLANGE HALF
	8856-1109	AR	FLAT WASHER, 3/8	26	9002-7647	4	HEX HD CAPSCREW, 7/16 NC, GR 5
	8850-1006	AR	HEX NUT, 3/8-16				



Item	Part No.	Qty.	Description Of Part
1	9020-0173	1	CAP AND STRAINER
2	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5
	8855-1011	4	LOCKWASHER, 3/8
3	9102-1038	1	FILLER FLANGE
4	9020-0396	1	GASKET
5	9060-0051	1	HYDRAULIC OIL TANK
6	9020-3823	1	OIL SIGHT GAUGE
7	9060-0170	1	MAGNETIC SEPARATOR
8	8870-1009	1	CLOSE NIPPLE, 2 x 2
9	9002-3249	1	GASKET
10	9040-0051	1	FLANGE
	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5
	8855-1011	4	LOCKWASHER, 3/8
11	9020-1550	1	CHECK VALVE
12	8820-1035	AR	HEX HD CAPSCREW, 3/8-16x1, GR5 (tank mounting)
	8856-1109	AR	FLAT WASHER, 3/8
	8850-1006	AR	HEX NUT, 3/8-16
13	9040-0610	1	CHECK VALVE ADAPTER
14	9002-6632	1	HYDRAULIC LINE
15	8423-1107	2	HOSE CLAMP, 2"
16	9020-4729	1	LOW PRESSURE HOSE

Item	Part No.	Qty.	Description Of Part
17	9020-5173	1	PUMP MANIFOLD
18	8820-1067	4	HEX HD CAPSCREW, 1/2-13x1-1/2 GR5
	8855-1013	4	LOCKWASHER, 1/2
19	9002-8225	1	O RING (manifold to pump)
20		Ref	HYDRAULIC PUMP (see page 10-23.1 for details)
21	9020-2327	4	PUMP MOUNTING STUD, 1/2 NC x 13-1/2
	9020-3506	4	LOCKWASHER, 1/2
	8850-1008	4	HEX NUT, 1/2-13
22	9060-1854	1	HYDRAULIC LINE
23	8859-1210	1	O RING (pump outlet)
24	8471-7482	1	HOSE ASSY
25	8471-1334	2	FLANGE HALF
26	8820-1052	4	HEX HD CAPSCREW, 7/16-14x1-1/2 GR5
	8855-1012	4	LOCKWASHER, 7/16
27	8871-1282	1	HEX SOCKET PIPE PLUG, 3/8
28	8866-1112	1	MALE ELBOW - 90 DEGREES 3/4 x 1/2 TUBE
29	8471-6377	1	HOSE ASSY

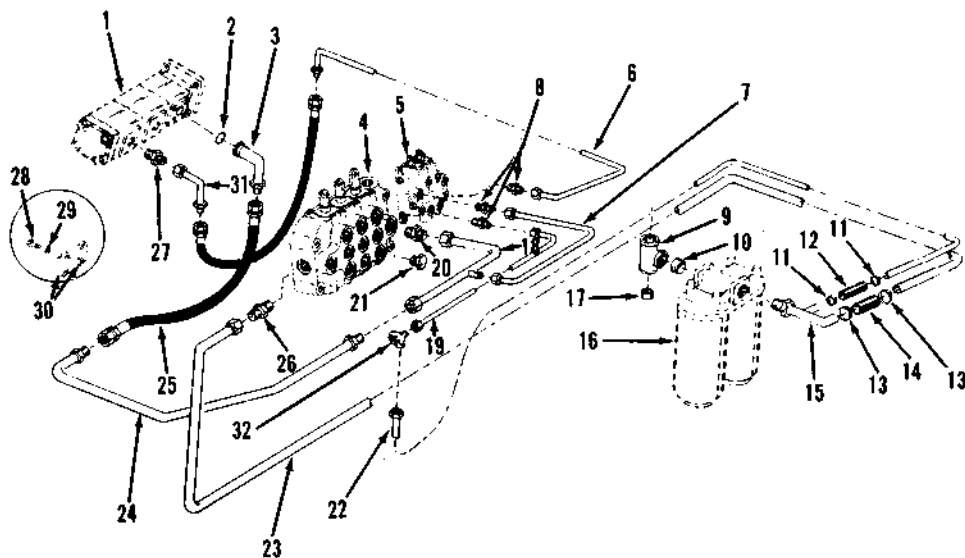


A - WINCH DRAIN
B - BRAKE VALVE DRAIN

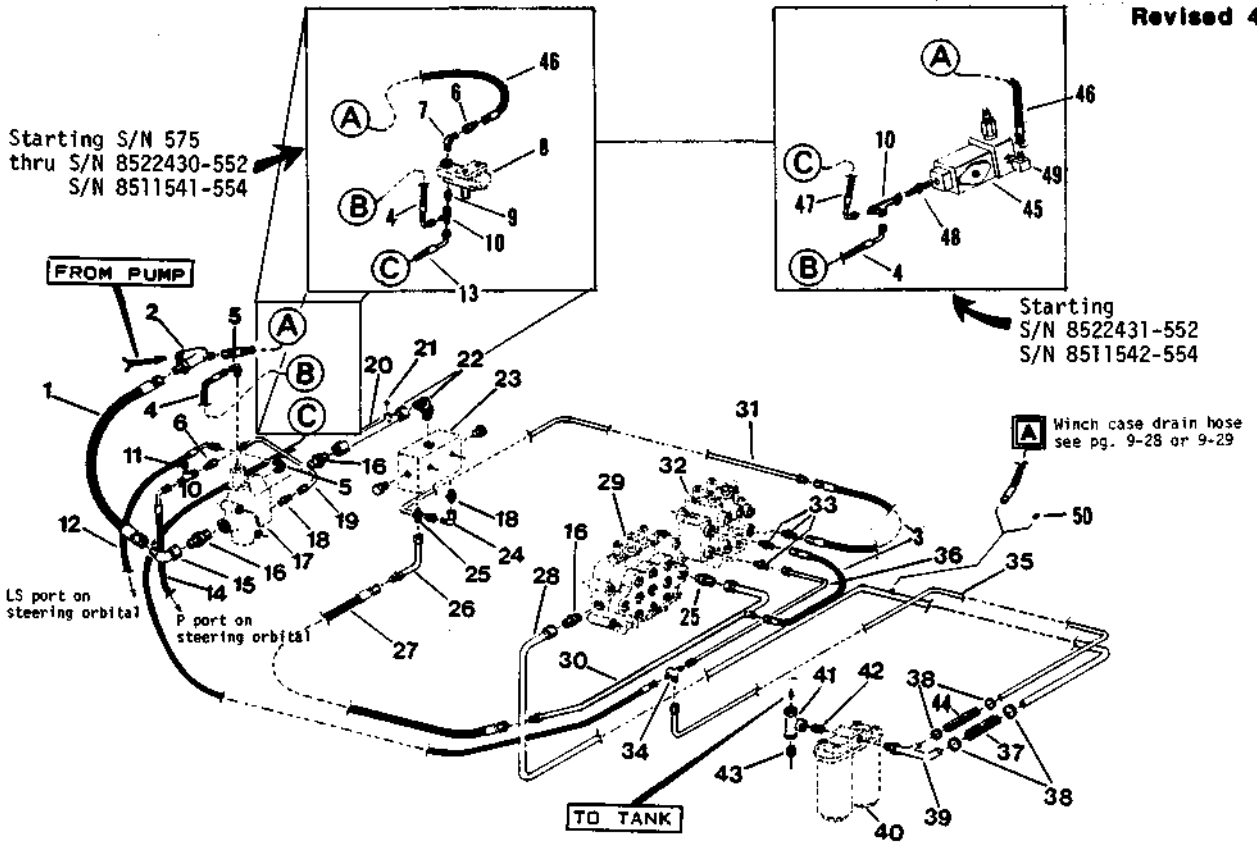
Item	Part No.	Qty.	Description Of Part
1	9020-0173	1	CAP & STRAINER
2	8820-1035	9	HEX HD CAPSCREW, 3/8-16X1, GR5
3	9102-1038	1	FLANGE
4	9041-0294	1	GASKET
5	9060-0051	1	HYDRAULIC OIL TANK
6	9020-3823	1	OIL SIGHT GAUGE
7	9060-0170	1	MAGNETIC SEPARATOR
8	8870-1009	1	CLOSE NIPPLE, 2X2
9	8859-1127	2	O-RING
10	9040-0051	1	FLANGE
11	9020-1550	1	CHECK VALVE
12	8856-1109	5	FLAT WASHER, 3/8
13	8855-1011	12	LOCKWASHER, 3/8
14	9002-6632	1	TUBE ASSY
15	8423-1107	2	HOSE CLAMP
16		1	LOW PRESSURE HOSE
17	9102-3079	1	INLET TUBE
18	7736-3038	1	SQUARE CUT SEAL
19	8820-1067	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5
20	8855-1013	4	LOCKWASHER, 1/2
21	8471-1427	2	FLANGE HALF
22	8871-1282	1	HEX SOCKET PIPE PLUG, 3/8

Item	Part No.	Qty.	Description Of Part
23	8866-1304	1	SQUARE CUT SEAL
24		Ref	HYDRAULIC PUMP (see page 10-23 for details)
25	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5
26	9020-3506	2	HARDENED WASHER
27	8855-1013	2	LOCKWASHER, 1/2
28	7713-4059	1	GASKET
29	8503-1525	1	SQUARE CUT SEAL
30	8471-1369	2	FLANGE HALF
31	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
32	9102-3084	1	TUBE ASSY
33	7713-3089	2	TEST COUPLING
34	8471-1333	2	FLANGE HALF
35	9105-3344	1	TUBE ASSY
36	8850-1006	1	HEX NUT, 3/8
37	8866-1112	1	MALE ELBOW, 90 DEGREES, 3/8X1/2 TUBE
38	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
39	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
40	8471-7875	1	HOSE ASSY
41	8471-6377	1	HOSE ASSY

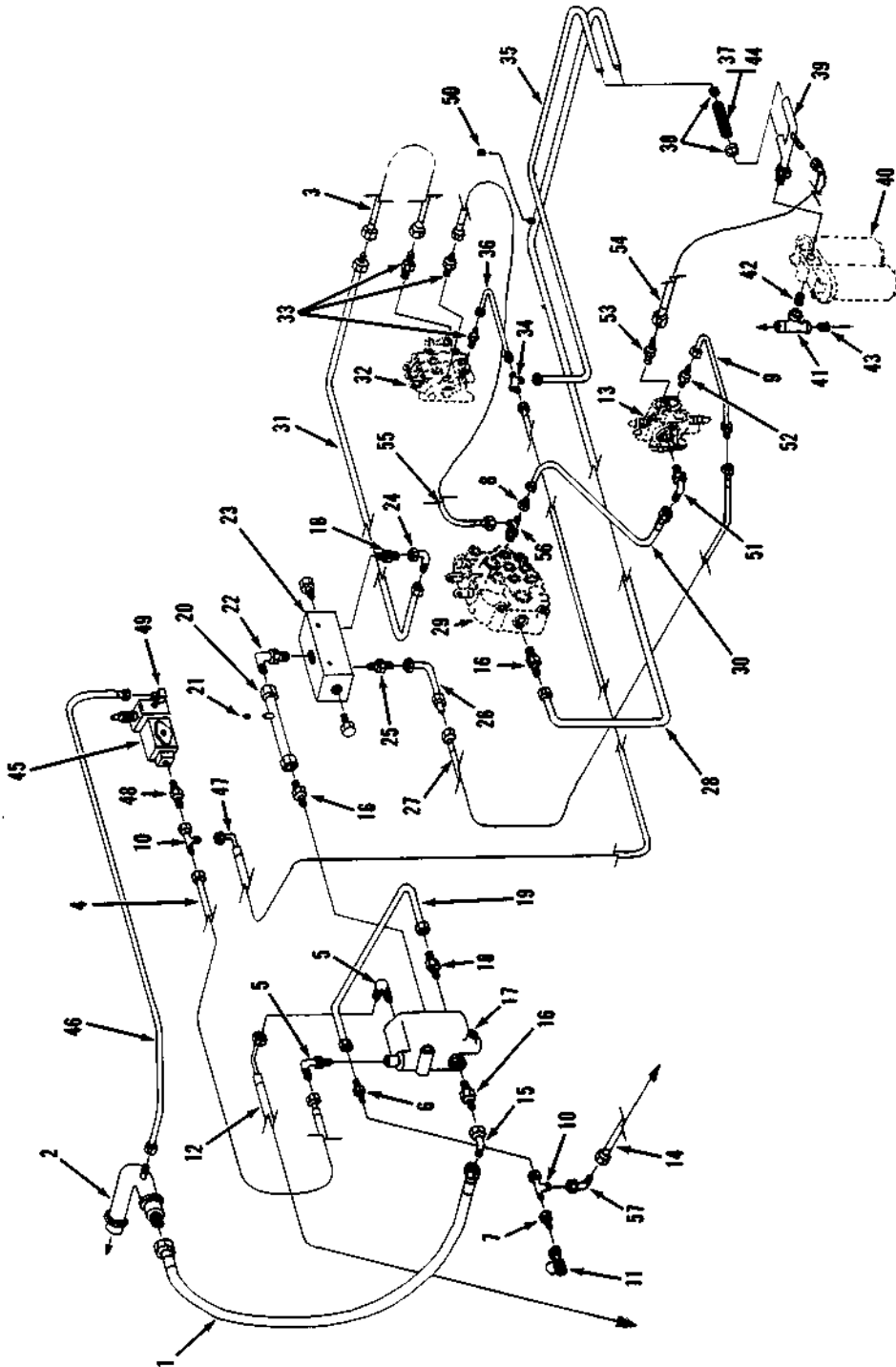
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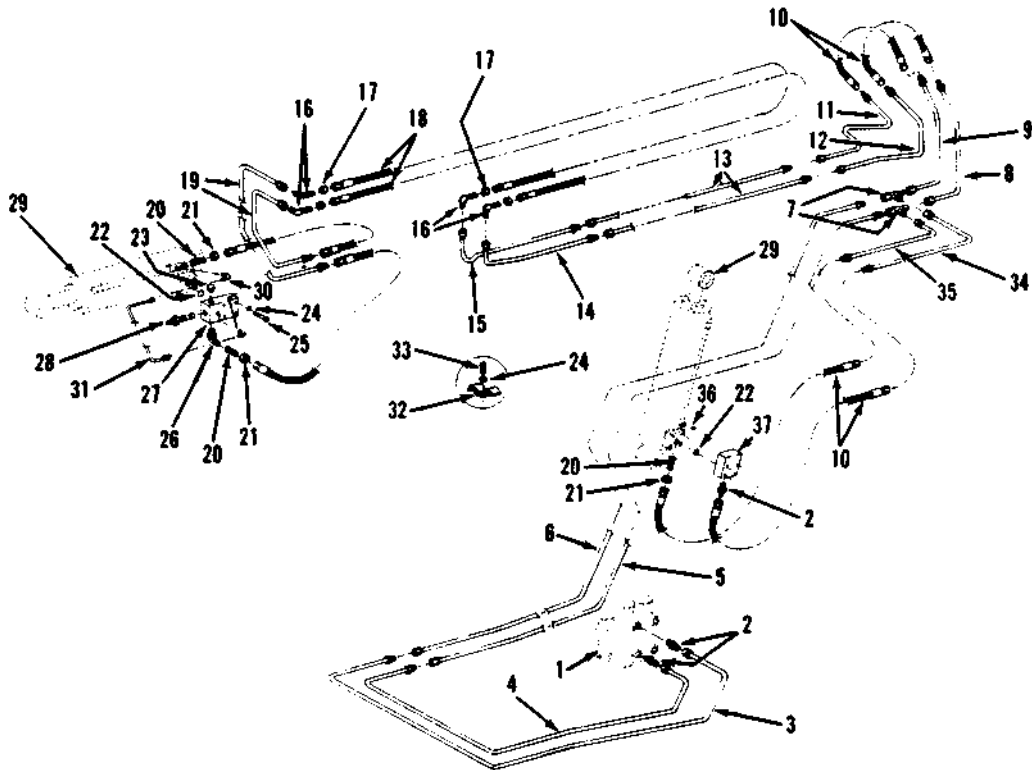
Item	Part No.	Qty.	Description Of Part
1		1	PUMP
2	9002-3222	1	O RING
3	9060-0238	1	HYDRAULIC LINE
4		1	MAIN CONTROL VALVE
5		1	AUXILIARY VALVE
6	9060-0242	1	HYDRAULIC LINE
7	9060-0240	1	HYDRAULIC LINE
8	8866-2007	3	CONNECTOR (includes o ring)
	8859-1206	3	O RING
9	9002-6463	1	PIPE TEE
10	8870-1008	1	CLOSE NIPPLE, 1 1/2 X 1 3/4
11	8668-3193	2	HOSE CLAMP
12	9002-6633	AR	HOSE, 3/4 I.D. (bulk)
13	8667-1187	2	HOSE CLAMP
14	9002-6010	AR	HOSE, 1 1/4 I.D. (bulk)
15	9040-0374	1	RETURN LINE MANIFOLD
16		1	HYDRAULIC FILTER
17	8877-1257	1	SQ HD PIPE PLUG, 1 1/2
18	9060-0201	1	HYDRAULIC LINE
19	9060-0217	1	HYDRAULIC LINE
20	8866-2010	1	CONNECTOR (includes o ring)
	8859-1209	1	O RING
21	8866-2179	3	HEX HD PLUG (includes o ring)
	8859-1209	3	O RING
22	9060-0218	1	HYDRAULIC LINE
23	9060-0208	1	HYDRAULIC LINE
24	9060-0239	1	HYDRAULIC LINE
25	9002-2045	1	HOSE
26	8866-2011	1	CONNECTOR (includes o ring)
	8859-1210	1	O RING
27	8866-2022	1	CONNECTOR (includes o ring)
	8859-1207	1	O RING
28	8820-1036	4	HEX HD CAPSCREW 3/8-16 X 1 1/4, GR5
29	8855-1011	4	LOCKWASHER, 3/8
30	9002-6639	1	FLANGE CLAMP
31	9060-0224	1	HYDRAULIC LINE



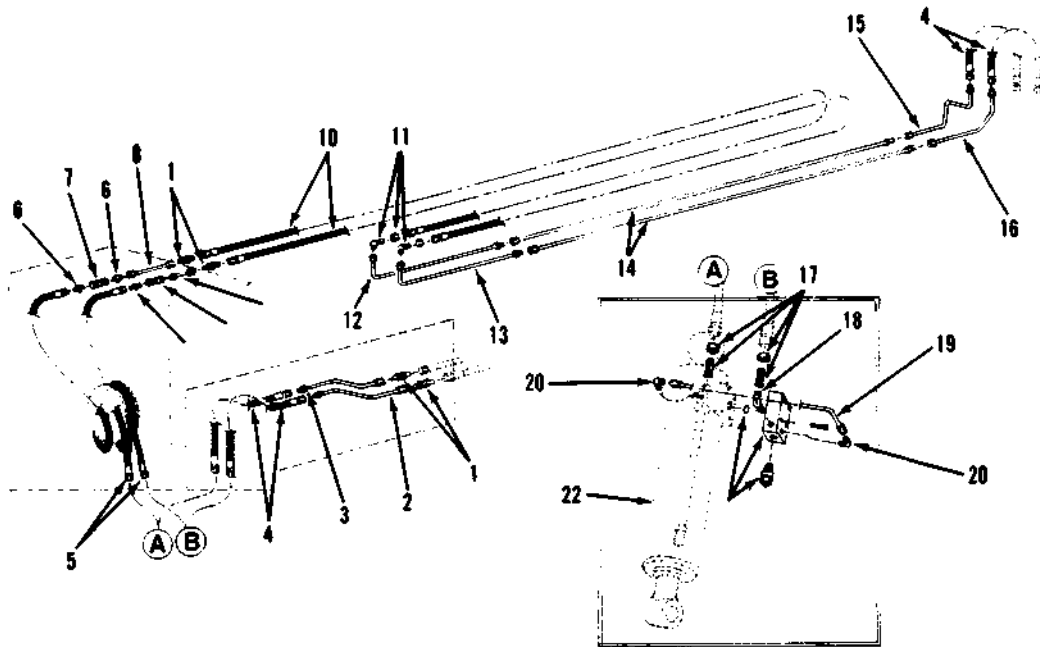
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9002-7745	1	HIGH PRESSURE HOSE	25	8866-2010	2	CONNECTOR (INCLUDES "O" RING)
2	9060-1854	1	HYDRAULIC LINE	26	8859-1209	2	"O" RING
3	9002-2043	2	HIGH PRESSURE HOSE	27	9060-1855	1	HYDRAULIC LINE
4	9020-4993	1	HIGH PRESSURE HOSE	28	9002-2045	1	HIGH PRESSURE HOSE
5	9002-8499	5	ADJUSTABLE ELBOW - 90 DEGREES	29	9060-0208	1	HYDRAULIC LINE
6	8692-3006	2	REDUCER	29	9060-1829	1	MAIN CONTROL VALVE (SEE PAGE 10-19)
7	8874-3046	1	MALE ELBOW - 90 DEGREES 3/4X3/4 TUBE	30	9060-1858	1	HYDRAULIC LINE
8	9060-1711	1	RELIEF VALVE	31	9060-1853	1	HYDRAULIC LINE
9	9002-7641	1	CONNECTOR	32	- - - -	1	AUXILIARY VALVE (SEE PAGE 10-20 and 10-21)
10	8866-2240	2	SWIVEL NUT RUN TEE - 1/2 TUBE	33	8866-2007	3	CONNECTOR (INCLUDES "O" RING)
11	7713-3089	1	TEST C PLG. (CAP 8866-1365 Replaced)	34	8859-1206	3	"O" RING
	7724-1003	1	ADAPTER	35	9060-0244	1	JUNCTION BLOCK
12	9020-6448	1	HIGH PRESSURE HOSE	36	9060-0290	1	HYDRAULIC LINE
13	9020-5797	1	HIGH PRESSURE HOSE	37	9060-0217	1	HYDRAULIC LINE
14	9020-4994	1	HIGH PRESSURE HOSE	38	9020-1998	1	LOW PRESSURE HOSE
15	8866-2111	1	ELBOW - 90 DEGREE (SWIVEL NUT)	38	8667-1187	4	HOSE CLAMP
16	8866-2011	3	CONNECTOR (INCLUDES "O" RING)	39	9040-0374	1	RETURN LINE MANIFOLD
	8859-1210	3	"O" RING	40	9060-0128	1	HYDRAULIC FILTER (PG. 10-24)
17	9060-1780	1	STEERING PRIORITY VALVE	41	9002-6463	1	TEE
18	8345-1104	2	CONNECTOR	42	8870-1008	1	CLOSE NIPPLE 1-1/2X1-3/4
19	9060-1856	1	HYDRAULIC LINE	43	8871-1257	1	SQUARE HEAD PIPE PLUG 1-1/2
20	9060-1857	1	HYDRAULIC LINE	44	9020-4089	1	LOW PRESSURE HOSE
21	9103-3032	1	STAUFF TEST COUPLING	45	9020-7331	1	RELIEF VALVE
22	8866-2070	1	ELBOW - 90 DEGREE (INCLUDES "O" RING)	46	8471-7482	1	HOSE ASSEMBLY
	8859-1210	1	"O" RING	47	9020-5000	1	HOSE ASSEMBLY
23	9060-1779	1	FLOW DIVIDER VALVE	48	8874-3003	1	ADAPTER
24	8866-2107	1	ELBOW - 90 DEGREE (SWIVEL NUT)	49	8874-3074	1	FITTING 90 DEGREES
				50	8866-1362	1	CAP, (repl. winch case drain line)



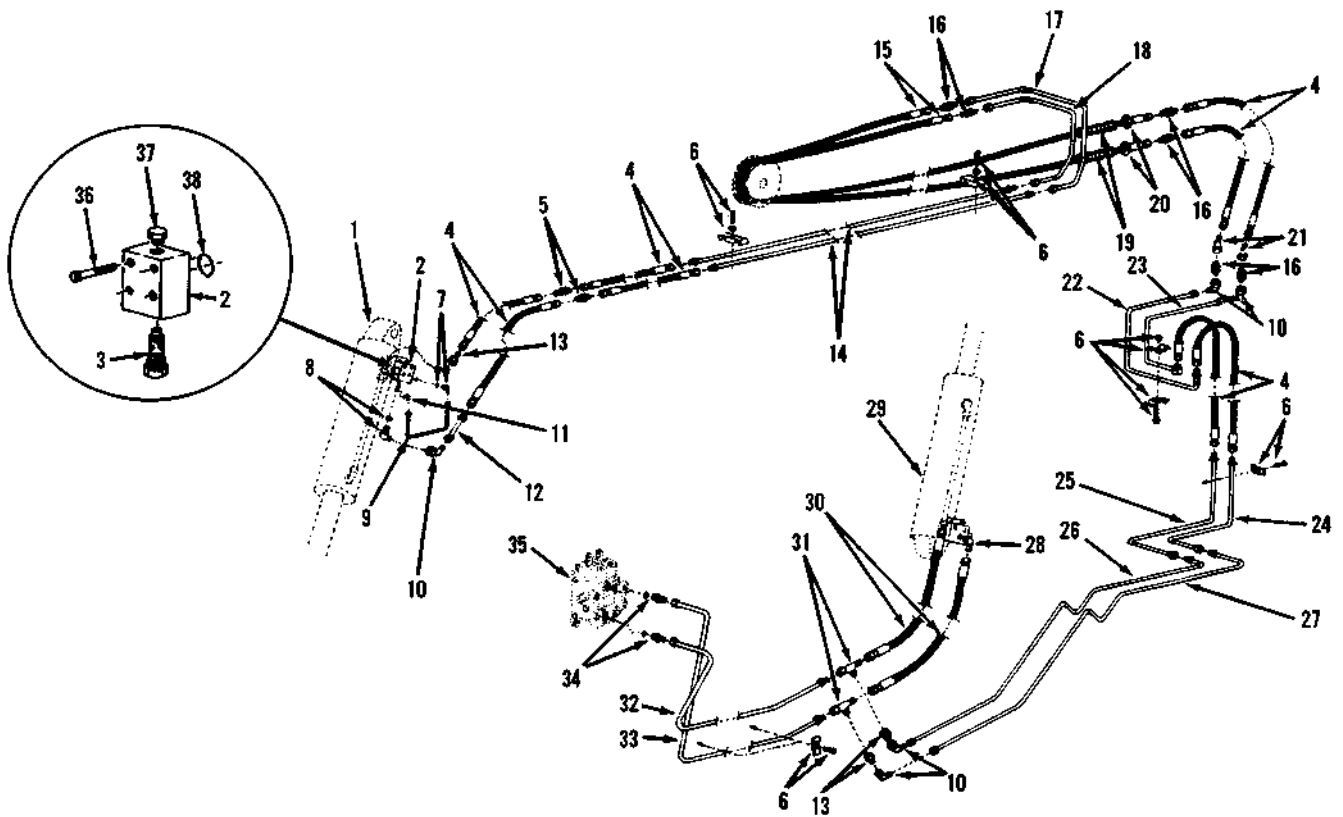
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9002-7745	1	HOSE ASSY	32		Ref	AUXILIARY VALVE (see page 10-20 & 10-21 for details)
2	9060-1854	1	HYDRAULIC LINE	33	8866-2007	3	CONNECTOR (includes o ring)
3	9002-2043	1	HOSE ASSY		8859-1206	3	O RING
4	9020-4993	1	HOSE ASSY	34	9060-0244	1	JUNCTION BLOCK
5	9002-8499	2	ADJUSTABLE ELBOW - 90 DEG.	35	9060-0290	1	TUBE ASSY
6	8365-1133	1	CONNECTOR	36	9060-0217	1	TUBE ASSY
7	7724-1003	1	ADAPTER	37	9020-1998	1	LOW PRESSURE HOSE
8	8866-1347	2	TUBE END REDUCER 1 x 3/4	38	8667-1187	4	HOSE CLAMP
9	9102-3064	1	TUBE ASSY	39	9040-0374	1	RETURN LINE MAINFOLD
10	8866-2240	2	SWIVEL NUT RUN TEE - 1/2 TUBE	40		Ref	HYDRAULIC FILTER (see page 10-24 for details)
11	7713-3089	1	TEST COUPLING	41	9002-6463	1	TEE
12	8471-7547	1	HOSE ASSY	42	8870-1008	1	CLOSE NIPPLE 1-1/2 x 1-3/4
13		Ref	WINCH VALVE (see page 10-25 for details)	43	8871-1257	1	SQUARE HD PIPE PLUG, 1-1/2
14	9020-4994	1	HOSE ASSY	44	9020-4089	1	LOW PRESSURE HOSE
15	8866-2111	1	ELBOW - 90 DEGREE (swivel nut)	45		Ref	RELIEF VALVE (see page 10-26 for details)
16	8866-2011	3	CONNECTOR (includes o ring)	46	8471-7482	1	HOSE ASSY
17	8859-1210	3	O RING	47	9020-5000	1	HOSE ASSY
		Ref	STEERING PRIORITY VALVE (see page 10-27 for details)	48	8874-3003	1	ADAPTER
18	8345-1104	2	CONNECTOR	49	8874-3074	1	MALE ELBOW - 90 DEGREES
19	9060-1856	1	TUBE ASSY	50	8866-1362	1	3/8 x 5/8 TUBE
20	9060-1857	1	TUBE ASSY	51	8866-2061	1	HEX CAP, 1/4 TUBE
21	9103-3032	1	TEST COUPLING				ELBOW - 90 DEGREES (includes o ring)
22	8866-2070	1	ELBOW - 90 DEGREE (includes o ring)		8859-1209	1	O RING
	8859-1210	1	O RING	52	8866-2008	1	CONNECTOR (includes o ring)
23	9060-1779	1	FLOW DIVIDER VALVE		8859-1207	1	O RING
24	8866-2107	1	ELBOW - 90 DEGREE (swivel nut)	53	8866-2025	1	CONNECTOR (includes o ring)
25	8866-2010	1	CONNECTOR (includes o ring)		8859-1209	1	O RING
	8859-1209	1	O RING	54	8471-7474	1	HOSE ASSY
26	9060-1855	1	TUBE ASSY	55	8471-6867	1	HOSE ASSY
27	9002-2045	1	HOSE ASSY	56	8866-2144	1	RUN TEE (includes o ring)
28	9060-0208	1	TUBE ASSY		8859-1209	1	O RING
29		Ref	MAIN CONTROL VALVE (see page 10-19 for details)	57	8866-2120	1	ELBOW - 45 DEGREES (swivel nut)
30	9060-1858	1	TUBE ASSY				
31	9060-1853	1	TUBE ASSY				



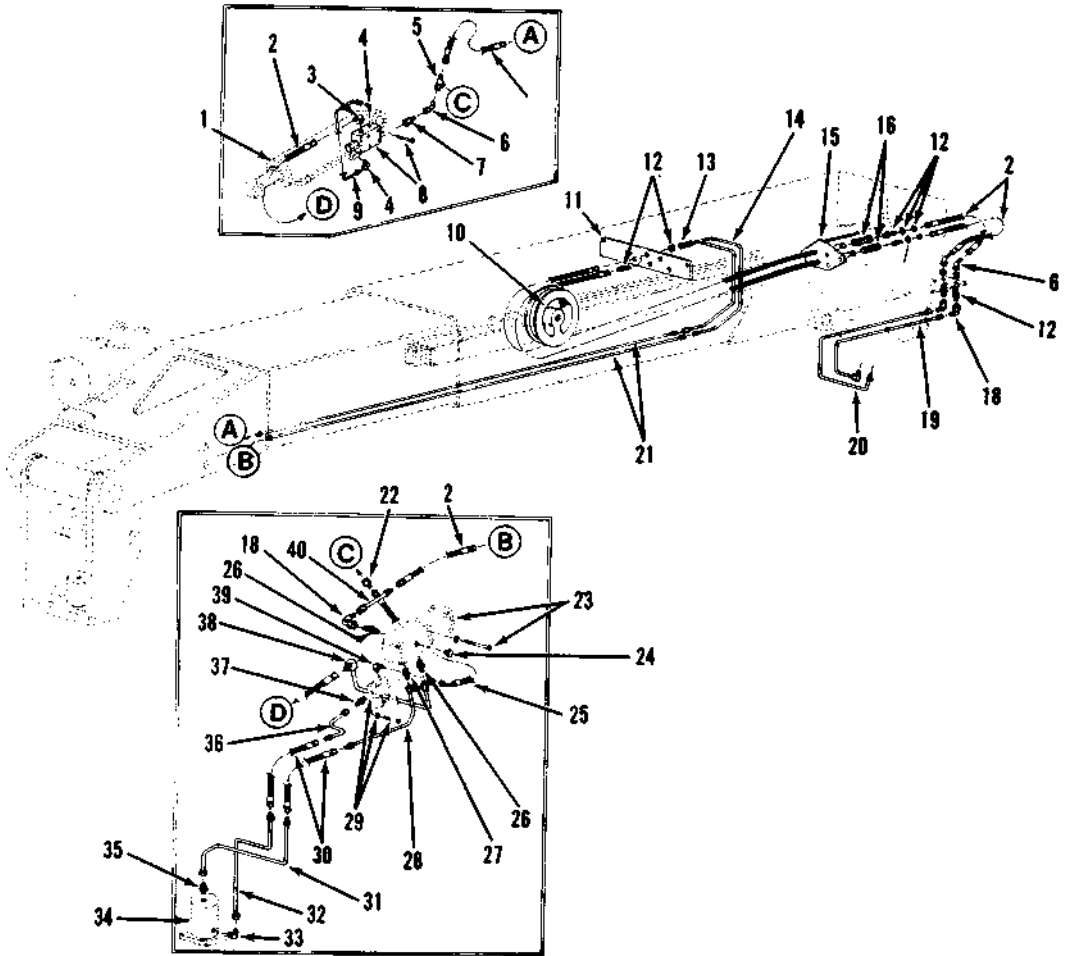
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9060-0167	1	AUX. CONTROL VALVE (2 spool) (see page 10-20 for details)	21	8866-1408	3	TUBE NUT
2	8866-2006	3	CONNECTOR (includes o ring)	22	8859-1022	2	O-RING
	8859-1205	3	O-RING	23	8866-2177	1	HEX HD PLUG (includes O-ring)
3	9060-0209	1	HYDRAULIC LINE		8859-1207	1	O-RING
4	9060-0210	1	HYDRAULIC LINE	24	8855-1011	AR	LOCKWASHER, 3/8
5	9060-0468	1	HYDRAULIC LINE	25	8820-1042	AR	HEX HD CAPSCREW, 3/8-16x2 3/4 Gr 5
6	9060-0467	1	HYDRAULIC LINE	26	8866-2067	1	ELBOW - 90 DEGREES (includes O-ring)
7	9002-6915	1	TEE	27	9040-0066	1	VALVE BLOCK
8	9060-0473	1	HYDRAULIC LINE	28	9060-0130	1	OVERCENTER VALVE
9	9060-0471	1	HYDRAULIC LINE	29	9080-0082	2	TILT & TILT COMP. CYL. (see page 10-5 for details)
10	9002-2042	6	HIGH PRESSURE HOSE	30	8874-3041	2	MALE ELBOW - 90 DEGREES 1/8x1/4 TUBE
11	9060-0348	1	HYDRAULIC LINE	31	9060-0351	1	PILOT TUBE
12	9060-0347	1	HYDRAULIC LINE	32	9020-0483	AR	CLAMP
13	9060-0353	2	HYDRAULIC LINE	33	8820-1037	AR	HEX HD CAPSCREW, 3/8-16x1 1/2 Gr 5
14	9060-0349	1	HYDRAULIC LINE	34	9060-0247	1	HYDRAULIC LINE
15	9060-0350	1	HYDRAULIC LINE	35	9060-0248	1	HYDRAULIC LINE
16	9002-7180	4	90 DEGREE ELBOW	36	9002-6194	1	PLUG
17	8866-2205	4	HEX LOCKNUT, 9/16-18	37	9040-0324	1	DUMMY BLOCK
18	9020-0951	2	HIGH PRESSURE HOSE (552)				
	9020-0625	2	HIGH PRESSURE HOSE (554)				
19	9060-0352	2	HYDRAULIC LINE				
20	8866-1346	3	TUBE END REDUCER, 3/4x1/2				



Item	Part No.	Qty.	Description Of Part
1	8866-1085	1	BULKHEAD UNION 3/4-16 x 1/2 TUBE
2	9060-0686	1	HYDRAULIC LINE
3	9060-0687	1	HYDRAULIC LINE
4	9002-2042	4	HIGH PRESSURE HOSE
5	9020-0951	2	HOSE
6	8866-2006	3	CONNECTOR (includes o-ring)
	8859-1205	2	O-RING
7	9002-6690	2	QUICK DISCONNECT
8	9040-0528	1	ADAPTER TUBE
9	9040-0527	1	ADAPTER TUBE
10	9002-9997	2	HOSE
11	9002-7180	2	90-DEGREE BULKHEAD FITTING
12	9060-0350	1	HYDRAULIC LINE
13	9060-0349	1	HYDRAULIC LINE
14	9060-0353	2	HYDRAULIC LINE
15	9060-0348	1	HYDRAULIC LINE
16	9060-0347	1	HYDRAULIC LINE
17	8866-1346	2	TUBE END REDUCER 3/4X1/2
18	8866-2067	1	ELBOW-90 DEGREES (includes o-ring)
	8859-1207	1	O-RING
19	9060-0351	1	PILOT LINE
20	8874-3041	2	MALE ELBOW-90 DEGREES 1/8X1/4 TUBE
21	9040-0066	1	VALVE BLOCK
	9060-0130	1	VALVE CARTRIDGE
	8859-1022	1	O-RING
	8820-1540	4	HEX HD CAPSCREW, 3/8-24X2 1/2 GR5
22	9080-0084	1	TILT CYLINDER (see page 10-5)

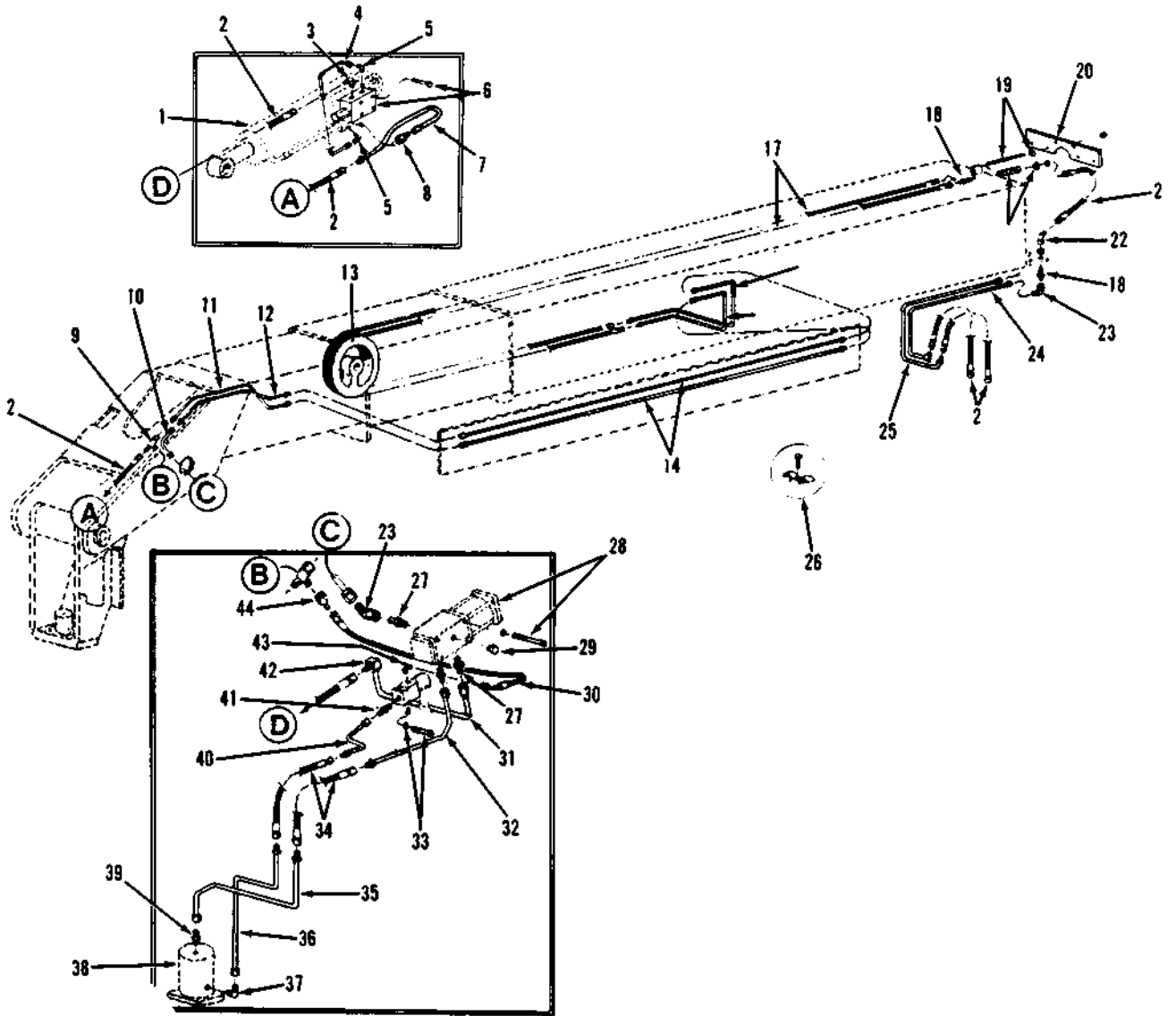


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0086	1	FORK LIFT CYLINDER (see page 10-5 for details)	18	9060-1198	1	HYDRAULIC LINE
2	9040-1624	1	COUNTERBALANCE VALVE	19	9020-0313	2	SPRING
3	9060-1323	1	VALVE RELIEF CARTRIDGE	20	9002-7475	2	WASHER
4	9002-2043	8	HIGH PRESSURE HOSE	21	8866-2121	2	ELBOW, 45 DEGREES (swivel nut)
5	9002-7919	2	CONNECTOR	22	9060-1298	1	HYDRAULIC LINE
6	9020-0483	AR	CLAMP	23	9060-1299	1	HYDRAULIC LINE
	8820-1035	AR	HEX HD CAPSCREW, 3/8-16X1, GR5	24	9060-1383	1	HYDRAULIC LINE
	8850-1006	AR	HEX NUT, 3/8-16	25	9060-1382	1	HYDRAULIC LINE
7	9002-7906	1	90-DEGREE ADJUSTABLE ELBOW	26	9060-1380	1	HYDRAULIC LINE
8	8866-2066	1	ELBOW, 90 DEGREES (includes o-ring)	27	9060-1381	1	HYDRAULIC LINE
	8859-1206	1	O-RING	28	8866-2067	1	ELBOW, 90 DEGREES (includes o-ring)
9	9040-1648	1	HYDRAULIC LINE		8859-1207	1	O-RING
10	8866-2107	5	ELBOW, 90 DEGREES (swivel nut)	29	9080-0082	1	TILT COMPENSATING CYLINDER (see page 10-5 for details)
11	8874-3041	1	MALE ELBOW, 90 DEGREES, 1/8X1/4 TUBE	30	9002-2044	2	HIGH PRESSURE HOSE
12	9060-1331	1	HYDRAULIC LINE	31	8866-2242	2	SWIVEL NUT RUN TEE, 1/4 TUBE
13	8692-3006	3	REDUCER ADAPTER	32	9060-1115	1	HYDRAULIC LINE
14	9060-1161	2	HYDRAULIC LINE	33	9060-1116	2	HYDRAULIC LINE
15	9020-1978	2	HIGH PRESSURE HOSE	34	8866-2006	1	CONNECTOR (includes o-ring)
16	9002-9939	4	BULKHEAD CONNECTOR		8859-1205	1	O-RING
17	9060-1199	1	HYDRAULIC LINE	35		1	AUXILIARY VALVE (see page 10-20 for details)

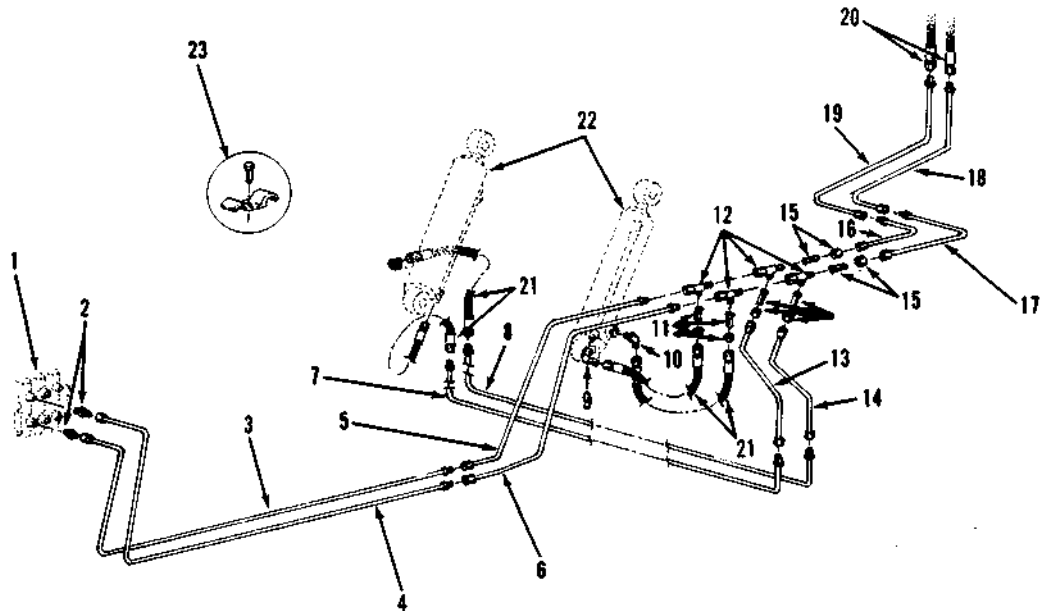


Item	Part No.	Qty.	Description Of Part
1		Ref	TILT CYLINDER (see page 10-5 for breakdown)
2	9002-2043	5	HOSE ASSY
3	8866-2066	1	ELBOW - 90 DEGREES (includes o-ring)
4	8859-1206	1	O-RING
	8874-3041	2	MALE ELBOW - 90 DEGREES
5	8866-2241	1	1/8 X 1/4 TUBE
6	8866-2121	3	SWIVELNUT RUN TEE - 5/8 TUBE
7	8692-3006	1	ELBOW - 45 DEGREES (swivel nut)
8		1	REDUCER
	9040-1624	1	VALVE BLOCK
	9060-1323	1	VALVE CARTRIDGE
	8859-1022	1	O-RING
9	8820-1526	4	HEX HD CAPSCREW, 5/16-24X2-3/4 GR5
	9040-1648	1	PILOT LINE
10	9040-1154	1	TILT HOSE SHEAVE (DOUBLE)
	9020-0314	2	BUSHING
11	9040-1643	1	HOSE ANCHOR BRACKET
12	9002-6690	6	HYDRAULIC ADAPTER
13	9060-1198	1	HYDRAULIC LINE
14	9060-1199	1	HYDRAULIC LINE
15	9060-1318	1	HOSE TENSIONING PLATE
16	9020-0313	2	SPRING
17	9002-7475	2	WASHER

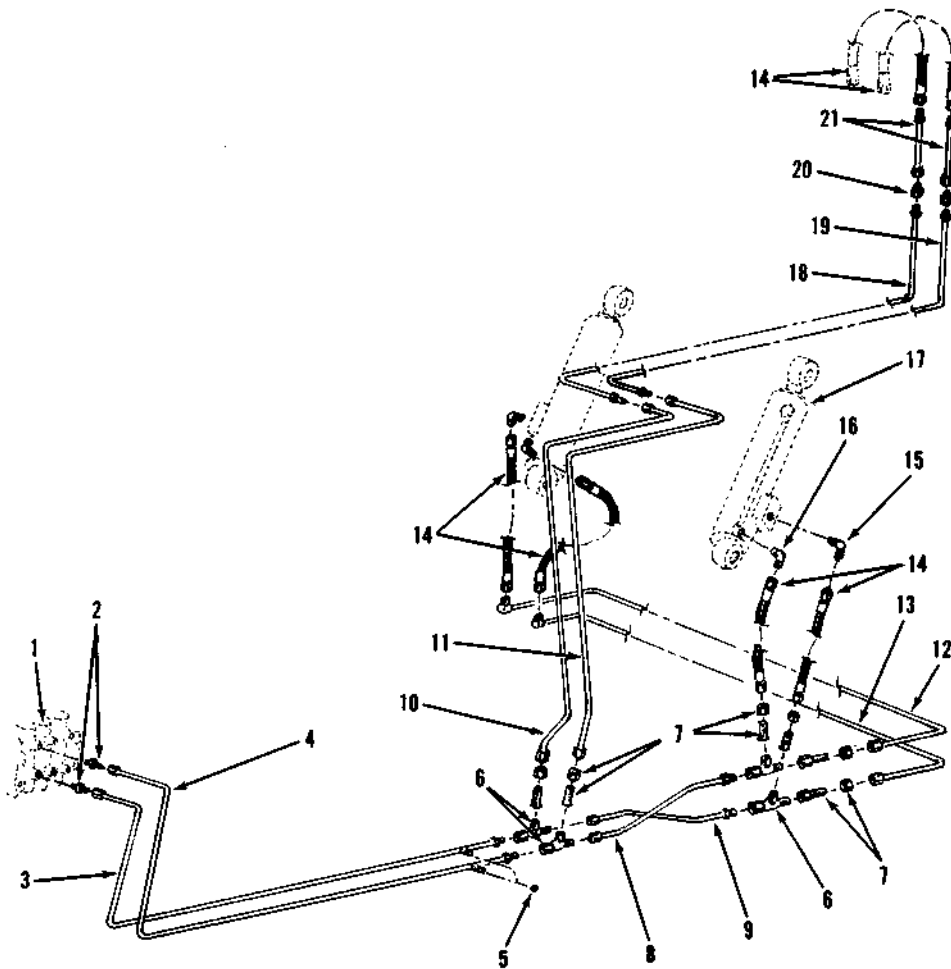
Item	Part No.	Qty.	Description Of Part
18	8866-2107	3	ELBOW - 90 DEGREE (Swivel nut)
19	9060-1210	1	HYDRAULIC LINE (552)
	9060-1148	1	HYDRAULIC LINE (554)
20	9060-1209	1	HYDRAULIC LINE (552)
	9060-1147	1	HYDRAULIC LINE (554)
21	9060-1130	2	HYDRAULIC LINE
22	9002-9935	1	REDUCER
23	9060-1493	1	SOLENOID VALVE
	8820-1046	3	HEX HD CAPSCREW, 3/8-16X3-3/4 GR5
24	8866-2175	1	HEX HD PLUG (includes o-ring)
	8859-1205	1	O-RING
25	9020-7850	1	HOSE ASSY
26	8866-2021	2	CONNECTOR (includes o-ring)
	8859-1205	2	O-RING
27	8866-2018	1	CONNECTOR (includes o-ring)
	8859-1205	1	O-RING
28	9060-1545	1	HYDRAULIC LINE
29	9020-6664	1	SOLENOID VALVE
	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4 GR5
	8856-1111	2	FLAT WASHER, 1/4
30	9002-2042	2	HOSE ASSY
31	9060-1548	1	HYDRAULIC LINE
32	9060-1549	1	HYDRAULIC LINE
33	8866-2064	1	ELBOW - 90 DEGREES (includes o-ring)
	8859-1204	1	O-RING
34	9060-1440	1	QS CYLINDER (see page 10-17.1)
35	8866-2005	1	CONNECTOR (includes o-ring)
	8859-1204	1	O-RING
36	9020-7903	1	HYDRAULIC LINE
37	8866-2005	1	CONNECTOR (includes o-ring)
	8859-1204	1	O-RING
38	9060-1543	1	HYDRAULIC LINE
39	8866-2064	1	ELBOW - 90 DEGREES (includes o-ring)
	8859-1204	1	O-RING
40	9060-1542	1	HYDRAULIC LINE



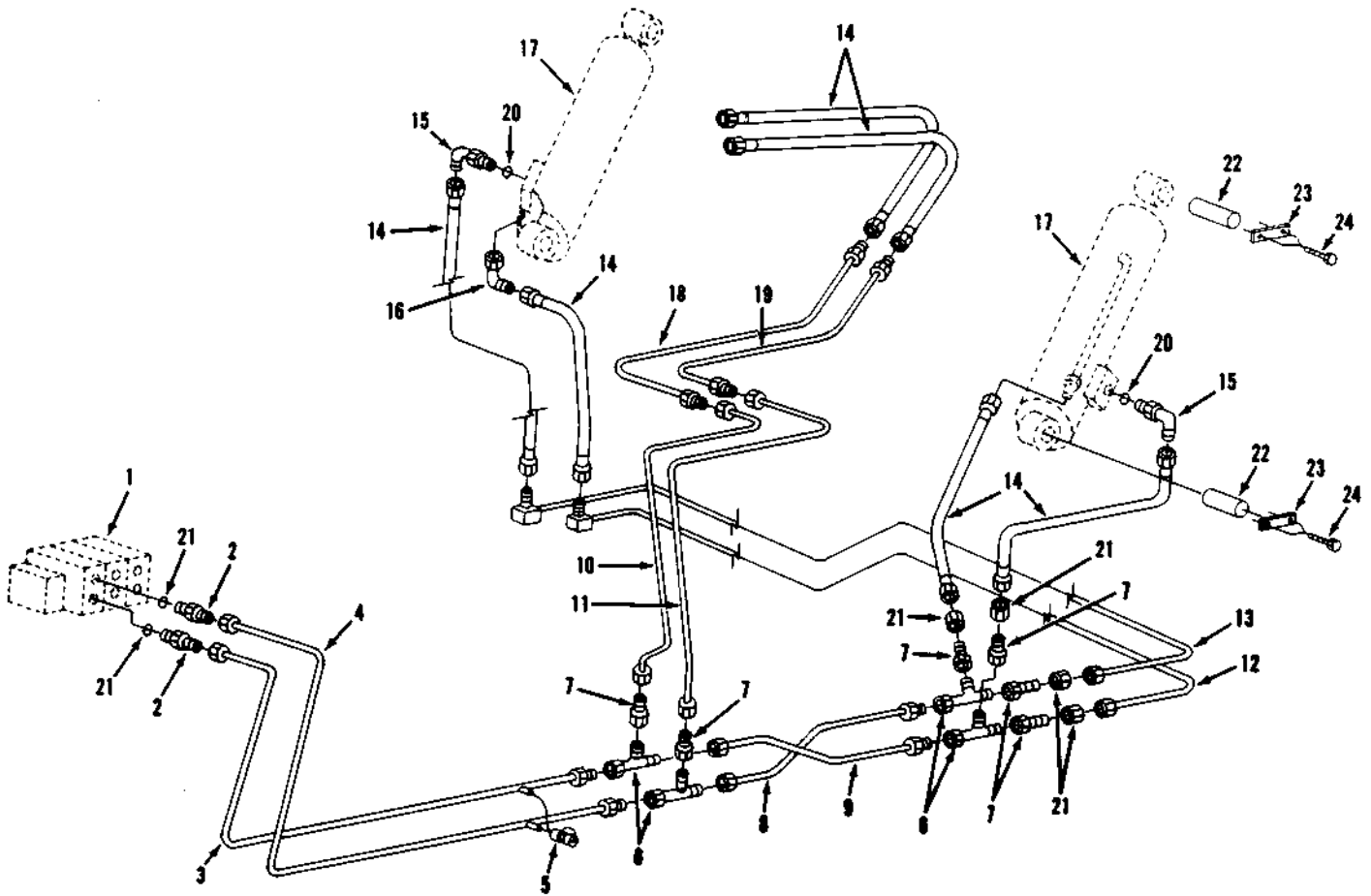
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0086	1	TILT CYLINDER (for breakdown see page 10-5)	24	9060-1210	1	HYDRAULIC LINE (552)
2	8471-6448	1	HOSE	9060-1148	1	HYDRAULIC LINE (554)	
3	8866-2066	1	ELBOW - 90 DEGREES (includes "o" ring)	25	9060-1209	1	HYDRAULIC LINE (552)
	8859-1206	1	"O" RING	9060-1147	1	HYDRAULIC LINE (554)	
4	9040-1648	1	PILOT LINE	26	9020-0482	AR	CLAMP
5	8874-3041	2	MALE ELBOW - 90 DEGREES 1/8X1/4 TUBE	8820-1035	AR	HEX HD CAPSCREW, 3/8-16X1, Gr 5	
6	9040-1624	1	VALVE BLOCK	27	8866-2021	2	CONNECTOR (includes "o" ring)
	9060-1323	1	VALVE CARTRIDGE	8859-1205	2	"O" RING	
	8859-1022	1	"O" RING	28	9060-1493	1	SOLENOID VALVE
	8820-1526	4	HEX HD CAPSCREW, 5/16-24X2-3/4 Gr 5	8820-1046	3	HEX HD CAPSCREW, 3/8-16X3-3/4 Gr 5	
7	9102-3049	1	HYDRAULIC LINE	29	8866-2175	1	HEX HD PLUG (includes "o" ring)
8	8692-3006	1	ADAPTER	8859-1205	1	"O" RING	
9	8866-2241	1	SWIVEL NUT RUN TEE, 1/4 TUBE	30	9020-7850	1	HOSE
10	9060-1563	1	HYDRAULIC LINE	31	8866-2018	1	CONNECTOR (includes "o" ring)
11	9060-1399	1	HYDRAULIC LINE	8859-1205	1	"O" RING	
12	9060-1400	1	HYDRAULIC LINE	32	9060-1562	1	HYDRAULIC LINE
13	9040-1154	1	TILT HOSE SHEAVE (double) 5/8" SHAFT	33	9020-6664	1	SOLENOID VALVE
	9020-0314	2	BUSHING	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4 Gr 5	
	9040-3009	1	TILT HOSE SHEAVE (double) 1" SHAFT	8856-1107	2	FLAT WASHER, 1/4	
	9020-5827	2	BUSHING	34	9002-2042	2	HOSE
14	9060-1302	2	HYDRAULIC LINE	35	9060-1548	1	HYDRAULIC LINE
15	9060-1163	1	HYDRAULIC LINE	36	9060-1549	1	HYDRAULIC LINE
16	9060-1162	1	HYDRAULIC LINE	37	8866-2064	1	ELBOW - 90 DEGREES (includes "o" ring)
17	9020-1978	2	HYDRAULIC HOSE	8859-1204	1	"O" RING	
18	9020-4141	2	HYDRAULIC HOSE	38	9060-1440	1	QS CYLINDER (For breakdown see page 10-17.1)
19	9040-1637	2	HOSE TENSION BRACKET	39	8866-2005	1	CONNECTOR (includes "o" ring)
	8850-1008	4	HEX NUT, 1/2-13	8859-1204	1	"O" RING	
20	9040-1510	1	BRACKET	40	9020-7903	1	HYDRAULIC LINE
21	9020-0313	2	SPRING	41	8866-2005	1	CONNECTOR (includes "o" ring)
	9002-7475	2	WASHER	8859-1204	1	"O" RING	
22	8866-2121	2	ELBOW - 45 DEGREES (swivel nut)	42	9060-1561	1	HYDRAULIC LINE
23	9002-9938	3	ELBOW - 90 DEGREE SWIVEL	43	8866-2064	1	ELBOW - 90 DEGREES (includes "o" ring)
				8859-1204	1	"O" RING	
				44	9002-9935	1	REDUCER



Item	Part No.	Qty.	Description Of Part
1		Ref	AUXILIARY VALVE (see page 10-20 for breakdown)
2	8866-2023	2	CONNECTOR (includes o-ring)
	8859-1205	2	O-RING
3	9060-1474	1	HYDRAULIC LINE
4	9060-1475	1	HYDRAULIC LINE
5	9060-1472	1	HYDRAULIC LINE
6	9060-1490	1	HYDRAULIC LINE
7	9060-1491	1	HYDRAULIC LINE
8	9060-1492	1	HYDRAULIC LINE
9	8866-2106	2	ELBOW - 90 DEGREES (Swivel Nut)
10	8866-2065	2	ELBOW - 90 DEGREES (includes o-ring)
	8859-1205	2	O-RING
11	8866-1346	4	TUBE END REDUCER, 3/4X1/2
	8866-1408	4	NUT, 3/4 TUBE
12	8866-2242	4	SWIVEL NUT RUN TEE 3/4 TUBE
13	9060-1510	1	HYDRAULIC LINE
14	9060-1641	1	HYDRAULIC LINE
15	8692-3006	2	REDUCER
16	9060-1508	1	HYDRAULIC LINE
17	9060-1509	1	HYDRAULIC LINE
18	9060-1482	1	HYDRAULIC LINE
19	9060-1483	1	HYDRAULIC LINE
20	9002-2043	2	HOSE ASSY
21	9002-2042	4	HOSE ASSY
22	9080-0804	2	COMP CYLINDER (see page 10-7 for breakdown)
23	9020-0483	AR	TUBE CLAMP
	8820-1035	AR	HEX HD CAPSCREW, 3/8-16X1, GR5



Item	Part No.	Qty.	Description Of Part
1		Ref	AUXILIARY VALVE (see page 10-20 for breakdown)
2	8866-2023	2	CONNECTOR (includes o-ring)
	8859-1205	2	O-RING
3	9060-1474	1	HYDRAULIC LINE
4	9060-1475	1	HYDRAULIC LINE
5	8871-1251	2	SQUARE HEAD PIPE PLUG 1/4
6	8866-2242	4	SWIVEL NUT RUN TEE 3/4 TUBE
7	8866-1346	6	TUBE END REDUCER, 3/4X1/2
	9002-6646	6	TUBE NUT
8	9060-1476	1	HYDRAULIC LINE
9	9060-1477	1	HYDRAULIC LINE
10	9060-1480	1	HYDRAULIC LINE
11	9060-1481	1	HYDRAULIC LINE
12	9060-1478	1	HYDRAULIC LINE
13	9060-1479	1	HYDRAULIC LINE
14	9002-2042	6	HOSE ASSY
15	8866-2065	2	ELBOW - 90 DEGREES (includes o-ring)
	8859-1205	2	O-RING
16	8866-2106	2	ELBOW - 90 DEGREE (swivel nut)
17	9080-0804	2	COMP CYL (for breakdown see page 10-7)
18	9060-1482	1	HYDRAULIC LINE
19	9060-1483	1	HYDRAULIC LINE
20	9002-9935	2	ADAPTER
21	9060-1188	2	HYDRAULIC LINE

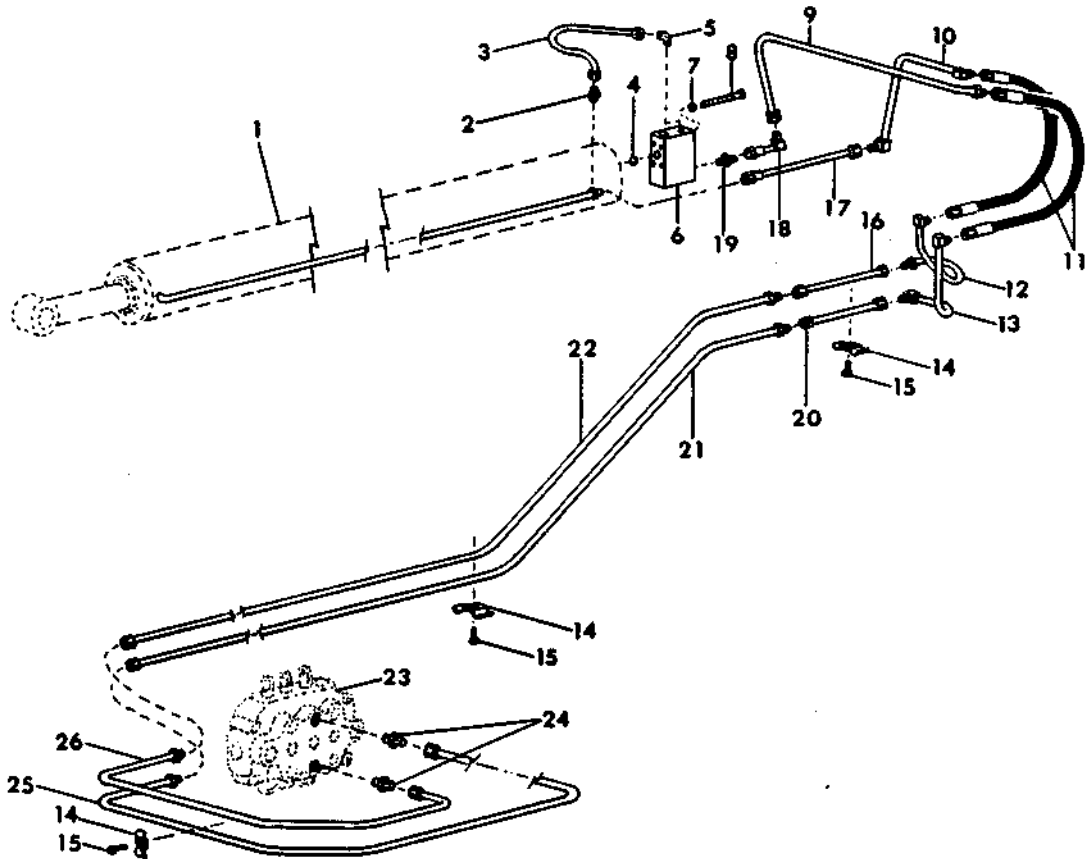


Item	Part No.	Qty.	Description Of Part
1		Ref	AUXILIARY VALVE (see page 10-21 for details)
2	8866-2023	2	CONNECTOR (includes item 20)
3	9060-1474	1	TUBE ASSY
4	9060-1475	1	TUBE ASSY
5	9103-3032	2	TEST COUPLING
6	8866-2242	4	SWIVEL NUT RUN TEE, 3/4 TUBE
7	8866-1346	6	TUBE END REDUCER, 3/4X1/2
8	9060-1476	1	TUBE ASSY
9	9060-1477	1	TUBE ASSY
10	9060-1480	1	TUBE ASSY
11	9060-1481	1	TUBE ASSY
12	9060-1478	1	TUBE ASSY
13	9060-1479	1	TUBE ASSY

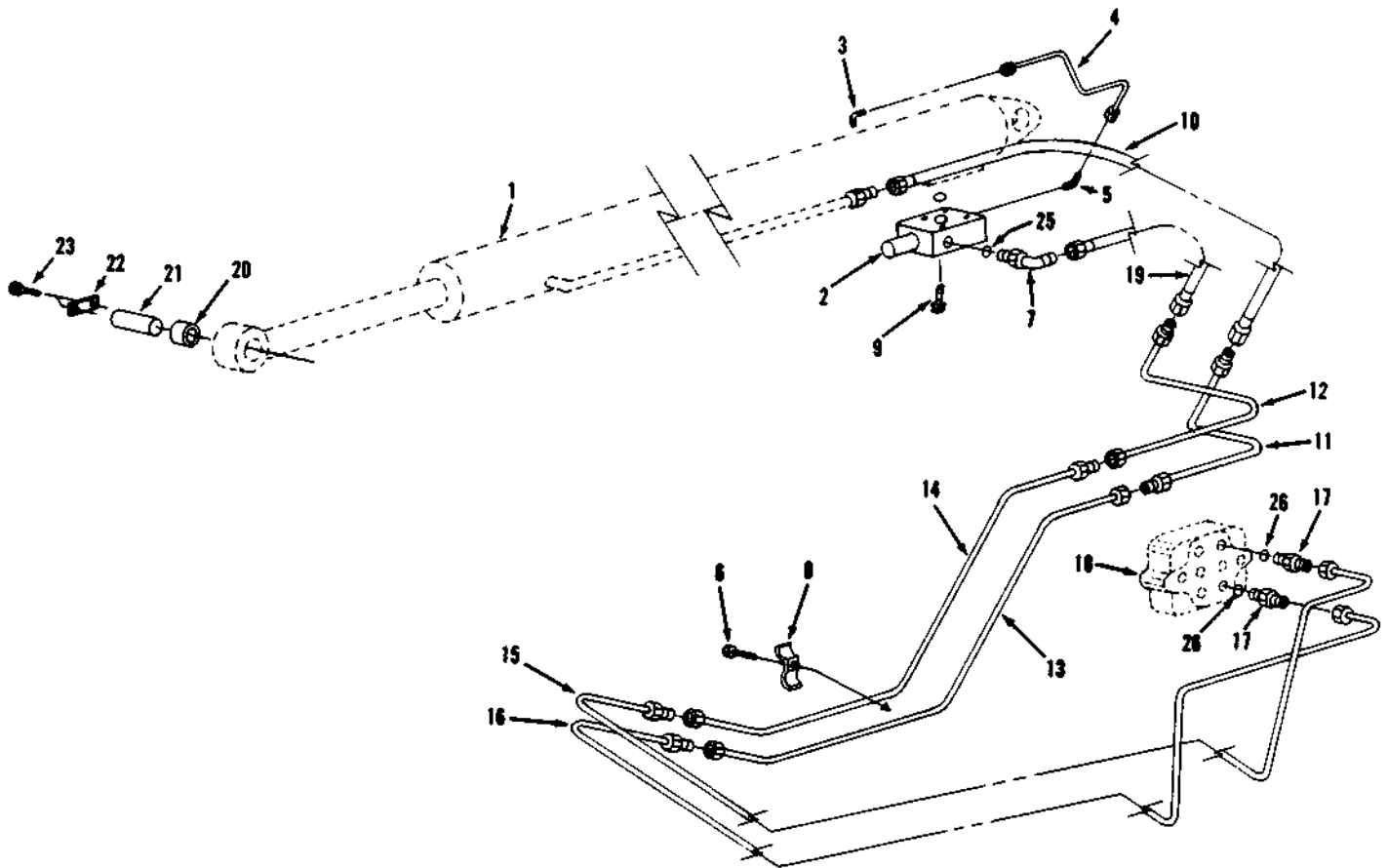
Item	Part No.	Qty.	Description Of Part
14	9002-2042	6	HOSE ASSY
15	8866-2065	2	ELBOW, 90 DEGREES (includes item 20)
16	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
17		Ref	COMPENSATING CYLINDER (see page 10-7 for details)
18	9102-3059	1	TUBE ASSY
19	9102-3060	1	TUBE ASSY
20	8859-1205	4	O-RING
21	8866-1408	4	TUBE NUT, 3/4
22	9002-7653	4	PIN
23	9020-1436	4	RETAINER
24	8820-1068	8	HEX HD CAPSCREW, 1/2-13X1-3/4, GR5

CROWD HYDRAULICS

MODEL 552/554 W/3SL BOOM

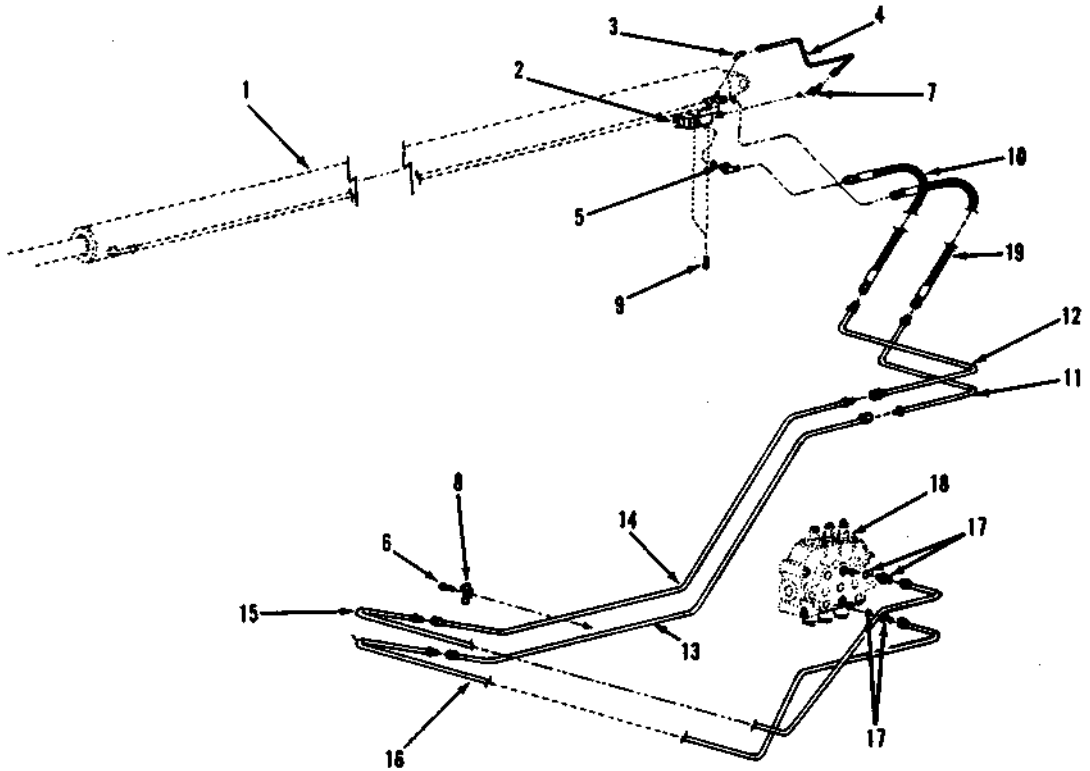


REF.	PART NO.	DESCRIPTION	REQ'D
1	800-271	CYLINDER, crowd.	1
2	027-364	FITTING.	1
3	601-538	LINE, hydraulic.	1
4	023-211	"O" RING	1
5	026-400	ELBOW.	1
6	601-513	VALVE, counterbalance.	1
7	021-456	WASHER, flat 3/8"	4
8	020-083	BOLT	4
9	600-801	LINE, hydraulic.	1
10	600-802	LINE, hydraulic.	1
11	022-045	HOSE	2
12	601-799	LINE, hydraulic.	1
13	601-800	LINE, hydraulic.	1
14	200-482	CLAMP.	4
15	020-013	BOLT	4
16	601-413	LINE, hydraulic.	1
17	600-340	LINE, hydraulic.	1
18	600-329	LINE, hydraulic.	1
19	026-693	FITTING.	1
20	601-412	LINE, hydraulic.	1
21	601-410	LINE, hydraulic.	1
22	601-411	LINE, hydraulic.	1
23	600-125	MAIN VALVE	1
24	026-602	FITTING.	1
25	600-204	LINE, hydraulic.	1
26	600-205	LINE, hydraulic.	1

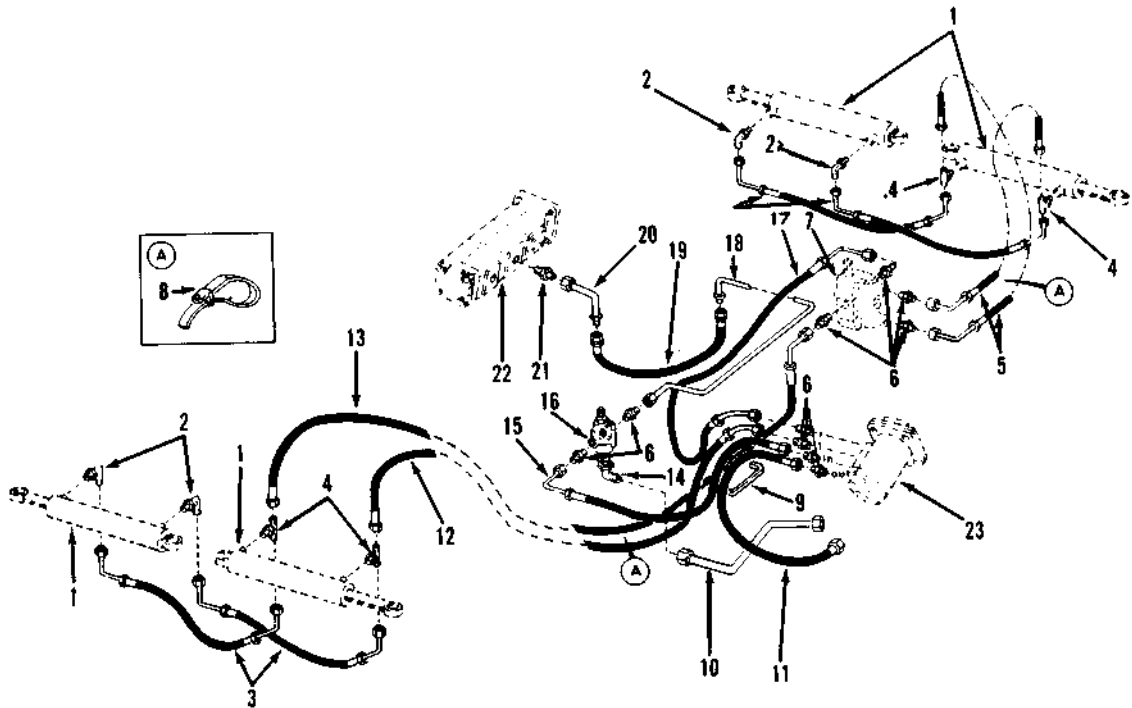


Item	Part No.	Qty.	Description Of Part
1	9103-4030	Ref	COUNTERBALANCE VALVE SEAL KIT
		Ref	CROWD CYLINDER - 2S (see page 10-2 for details)
		Ref	CROWD CYLINDER - 3S (see page 10-3 for details)
2	9060-1379	1	COUNTERBALANCE VALVE
3	8874-3041	1	MALE ELBOW, 90 DEGREES, 1/8X1/4 TUBE
4	9060-1157	1	TUBE ASSY
5	9002-7906	1	ELBOW
6	8820-1037	AR	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5
7	8866-2067	1	ELBOW, 90 DEGREES (includes item 25)
8	9020-0482	1	TUBE CLAMP
9	8820-1069	2	HEX HD CAPSCREW, 1/2-13X2, GR5
10	9002-2044	1	HOSE ASSY

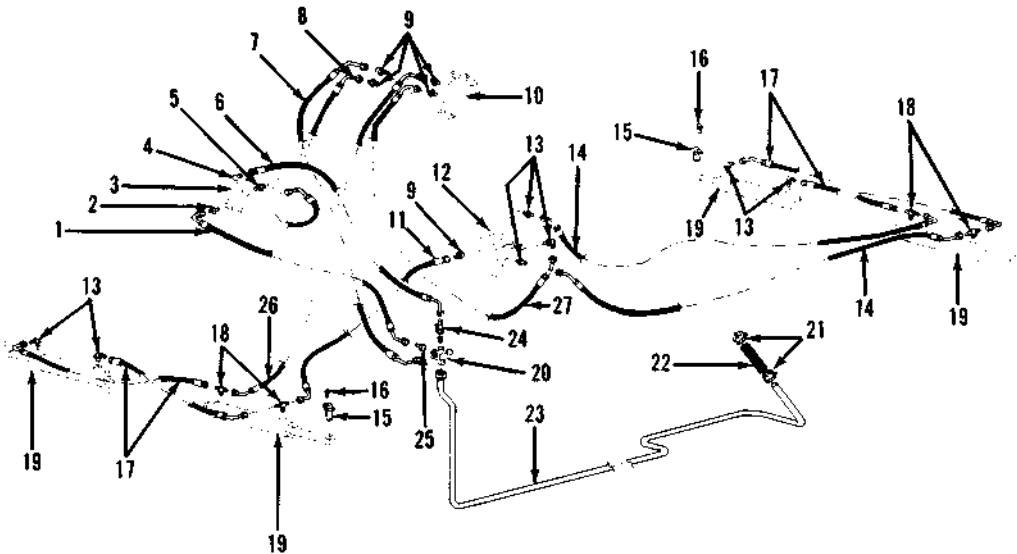
Item	Part No.	Qty.	Description Of Part
11	9101-3050	1	TUBE ASSY
12	9101-3051	1	TUBE ASSY
13	9020-5992	1	TUBE ASSY
14	9020-5991	1	TUBE ASSY
15	9060-0204	1	TUBE ASSY
16	9060-0205	1	TUBE ASSY
17	8866-2010	1	CONNECTOR (includes item 26)
18		ref	CONTROL VALVE (see page 10-19 for details)
19	8471-6026	1	HOSE ASSY
20	9002-7528	4	BUSHING
21	9002-7636	1	PIN
22	9020-0977	2	RETAINER
23	8820-1097	4	HEX HD CAPSCREW, 5/8-11X2, GR5
24	9002-7631	1	PIN
25	8859-1207	1	O-RING
26	8859-1209	2	O-RING



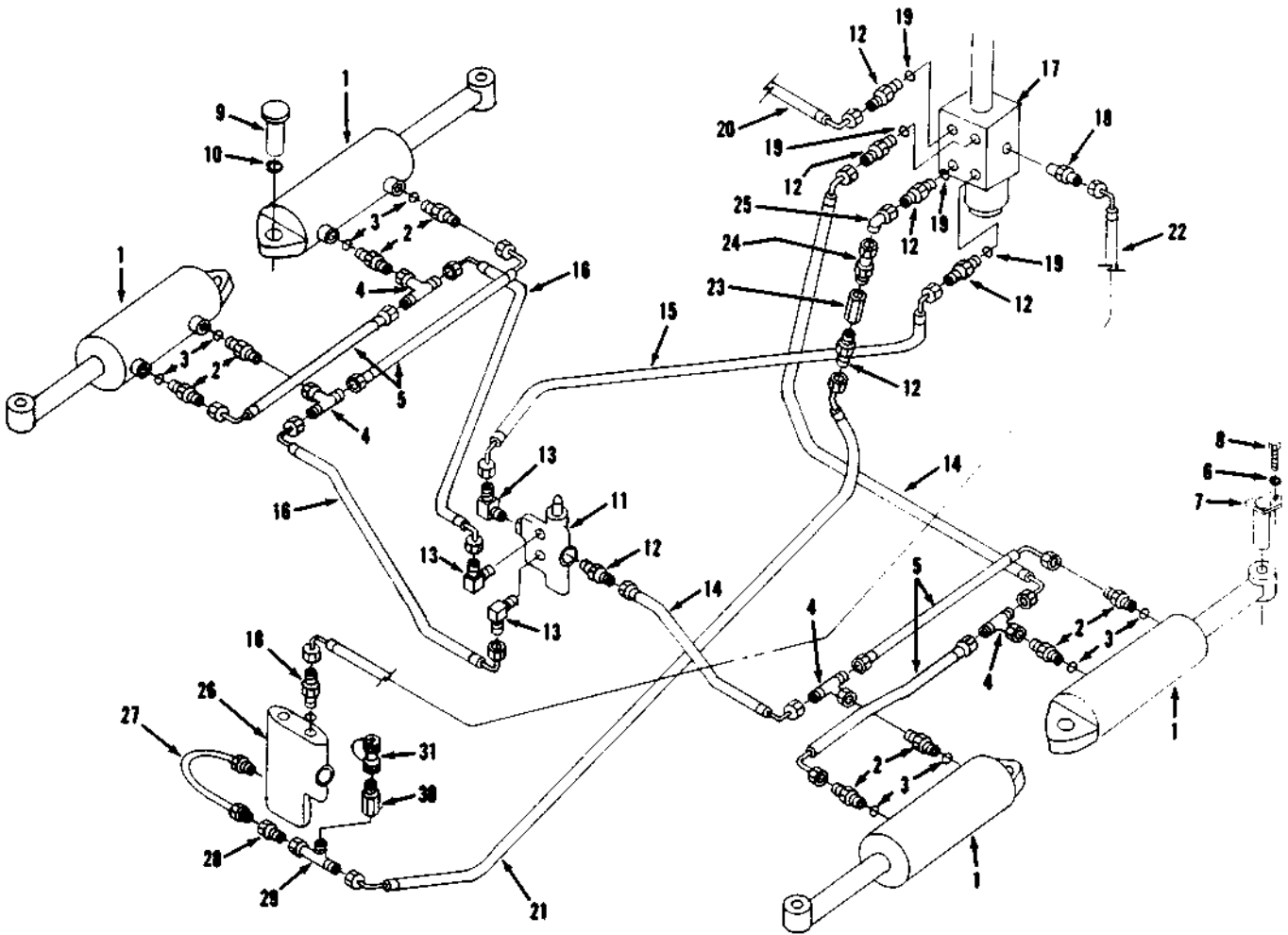
Item	Part No.	Qty.	Description Of Part
1		1	CROWD CYLINDER (see page 10-2 10-3 for breakdown)
2	9060-1379	1	COUNTERBALANCE VALVE (includes o ring)
3	8874-3041	1	MALE ELBOW - 90 DEGREES 1/8 x 1/4 TUBE
4	9060-1157	1	HYDRAULIC LINE
5	9002-7906	1	ELBOW - 90 DEGREES
6	8820-1037	AR	HEX HD CAPSCREW, 3/8-16x1-1/2 GR5
7	8866-2067 8859-1207	1	ELBOW - 90 DEGREES (includes o ring)
8	9020-0482	AR	TUBE CLAMP
9	8820-1072	2	HEX HD CAPSCREW, 1/2-13x2-3/4 GR5
10	8471-6407	1	HOSE ASSY
11	9101-3050	1	HYDRAULIC LINE
12	9101-3051	1	HYDRAULIC LINE
13	9020-5992	1	HYDRAULIC LINE
14	9020-5991	1	HYDRAULIC LINE
15	9060-0204	1	HYDRAULIC LINE
16	9060-0205	1	HYDRAULIC LINE
17	8866-2010 8859-1209	1	CONNECTOR (includes o ring) O RING
18	9060-1829	1	CONTROL VALVE (see page 10-19 for breakdown)
19	8471-6428	1	HOSE ASSY



Item	Part No.	Qty.	Description Of Part
1		4	STEERING CYLINDER
2	8866-2064	4	ELBOW 90 DEGREES (includes o ring)
	8859-1204	4	O RING
3	9020-0620	4	HOSE
4	8866-2152	4	BRANCH TEE (includes o ring)
	8859-1204	4	O RING
5	7713-3430	2	HOSE
6	8866-2006	10	CONNECTOR (includes o ring)
	8859-1205	10	O RING
7		1	STEERING SELECTOR VALVE
8	9002-7187	12	PLASTIC TIE
9	9002-6683	1	GROMMET
10	9060-0246	1	HYDRAULIC LINE
11	9020-0618	1	HIGH PRESSURE HOSE
12	9020-0623	1	HIGH PRESSURE HOSE
13	9020-0619	1	HIGH PRESSURE HOSE
14	8866-2067	1	ELBOW 90 DEGREES (includes o ring)
	8859-1207	1	O RING
15	9020-0617	1	HIGH PRESSURE HOSE
16	9060-0166	1	STEERING RELIEF VALVE
17	9020-0621	1	HIGH PRESSURE HOSE
18	9060-0214	1	HYDRAULIC LINE
19	9002-2044	1	HIGH PRESSURE HOSE
20	9060-0225	1	HYDRAULIC LINE
21	8866-2024	1	CONNECTOR (includes o ring)
	8859-1206	1	O RING
22		1	PUMP (see page 10-23)
23		1	ORBITROL

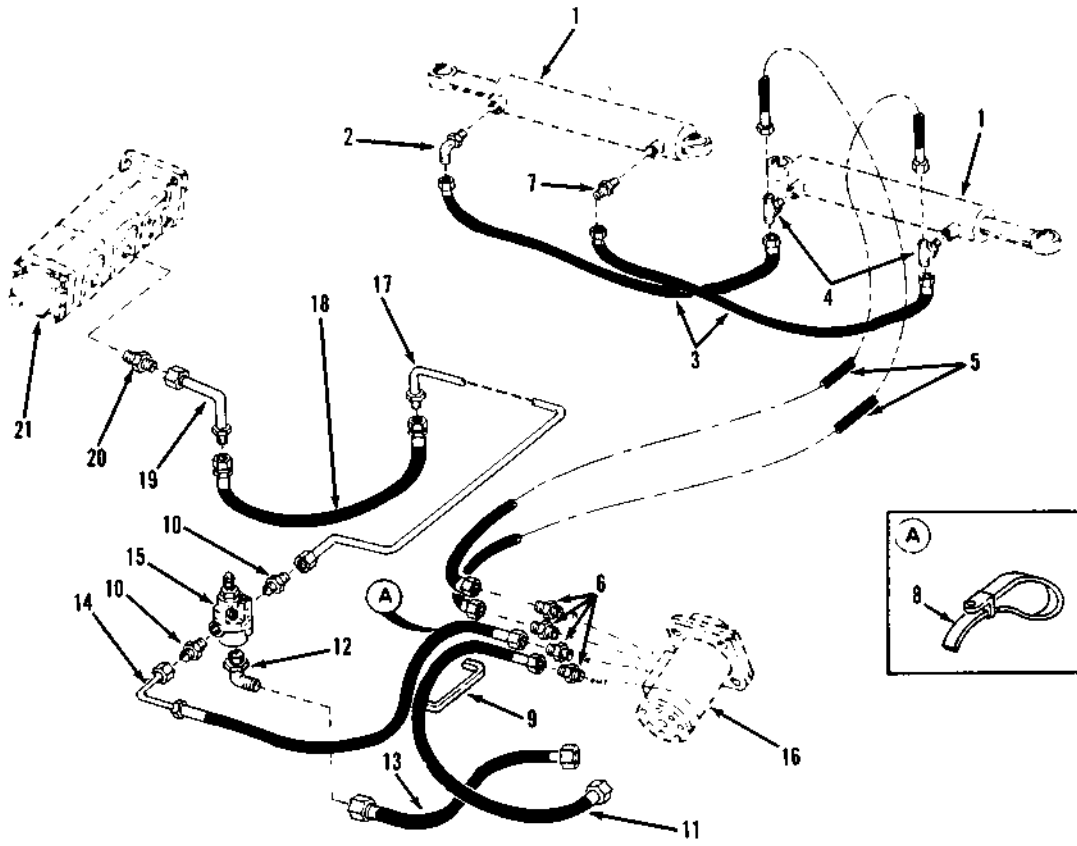


Item	Part No.	Qty.	Description Of Part
1	9020-0666	1	HOSE
2	8866-2019	1	CONNECTOR (includes o ring)
	8859-1206	1	O RING
3		1	DIVERTER VALVE
4	8866-2064	1	ELBOW 90 DEGREE (includes o ring)
	8859-1204	1	O RING
5	8866-2026	1	CONNECTOR (includes o ring)
	8859-1204	1	O RING
6	9020-0665	1	HOSE
7	9020-0618	1	HOSE
8	9020-0617	1	HOSE
9	8866-2006	5	CONNECTOR (includes o ring)
	8859-1205	5	O RING
10		1	ORBITROL
11	9020-0623	1	HOSE
12		1	STEERING SELECTOR VALVE
13	9002-6687	5	ADAPTER
14	7710-3430	2	HOSE
15	9040-0520	4	PIN
16	8820-1565	4	HEX HD CAPSCREW, 1/4-20 X 1 1/4,
		4	GR5
17	9020-1551	4	HOSE
18	8866-2224	4	SWIVEL NUT BRANCH TEE 3/8 TUBE
		4	3/8 TUBE
19		4	STEERING CYLINDER
20	9060-0244	1	JUNCTION BLOCK
21	8668-3193	2	HOSE CLAMP
22	9002-6633	1	HOSE
23	9060-0290	1	HYDRAULIC LINE
24	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
25	8866-1408	1	TUBE NUT, 3/4 TUBE
	8866-1346	1	TUBE END REDUCER, 3/4 X 1/2
26	9020-0619	1	HOSE
	9020-0621	1	HOSE

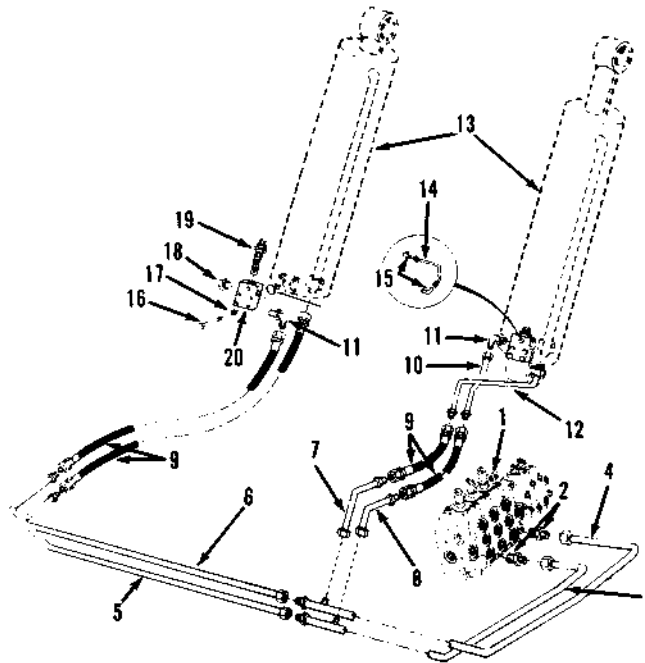


Item	Part No.	Qty.	Description Of Part
1		Ref	STEERING CYLINDER (see page 10-10 for details)
2	8866-2018	8	CONNECTOR (includes item 3)
3	8859-1205	14	O-RING
4	8866-2224	4	SWIVEL NUT BRANCH TEE, 3/8 TUBE
5	9020-1551	4	HOSE ASSY
6	8855-1013	2	LOCKWASHER, 1/2
7	9102-6021	2	PIN
8	8820-1565	2	HEX HD CAPSCREW, 1/2-20X1-1/4, GR5
9	9102-1063	2	PIN
10	8858-1140	2	RETAINING RING
11		Ref	SELECTOR VALVE (see page 10-18 for details)
12	8866-2006	6	CONNECTOR (includes item 3)
13	9002-6687	3	ELBOW
14	9020-0619	2	HOSE ASSY

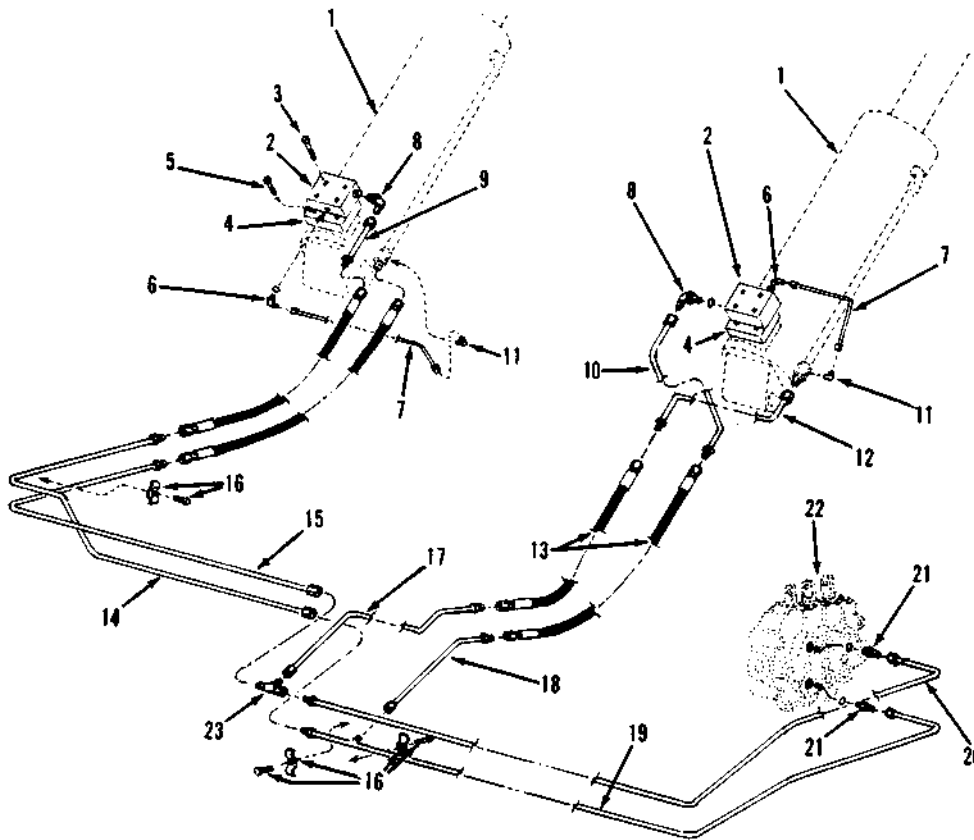
Item	Part No.	Qty.	Description Of Part
15	9020-0621	1	HOSE ASSY
16	9020-0622	2	HOSE ASSY
17	9060-1762	1	ORBITROL
18	8366-1316	2	CONNECTOR
19	8859-1205	5	O-RING
20	9020-0618	1	HOSE ASSY
21	9020-4994	1	HOSE ASSY
22	8471-7547	1	HOSE ASSY
23	9020-2926	1	CHECK VALVE
24	9040-0527	1	TUBE ASSY
25	8866-2120	1	ELBOW, 45 DEGREES (swivel nut)
26		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-27 for details)
27	9060-1856	1	TUBE ASSY
28	8365-1133	1	FITTING
29	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
30	7724-1003	1	ADAPTER
31	7713-3089	1	TEST COUPLING



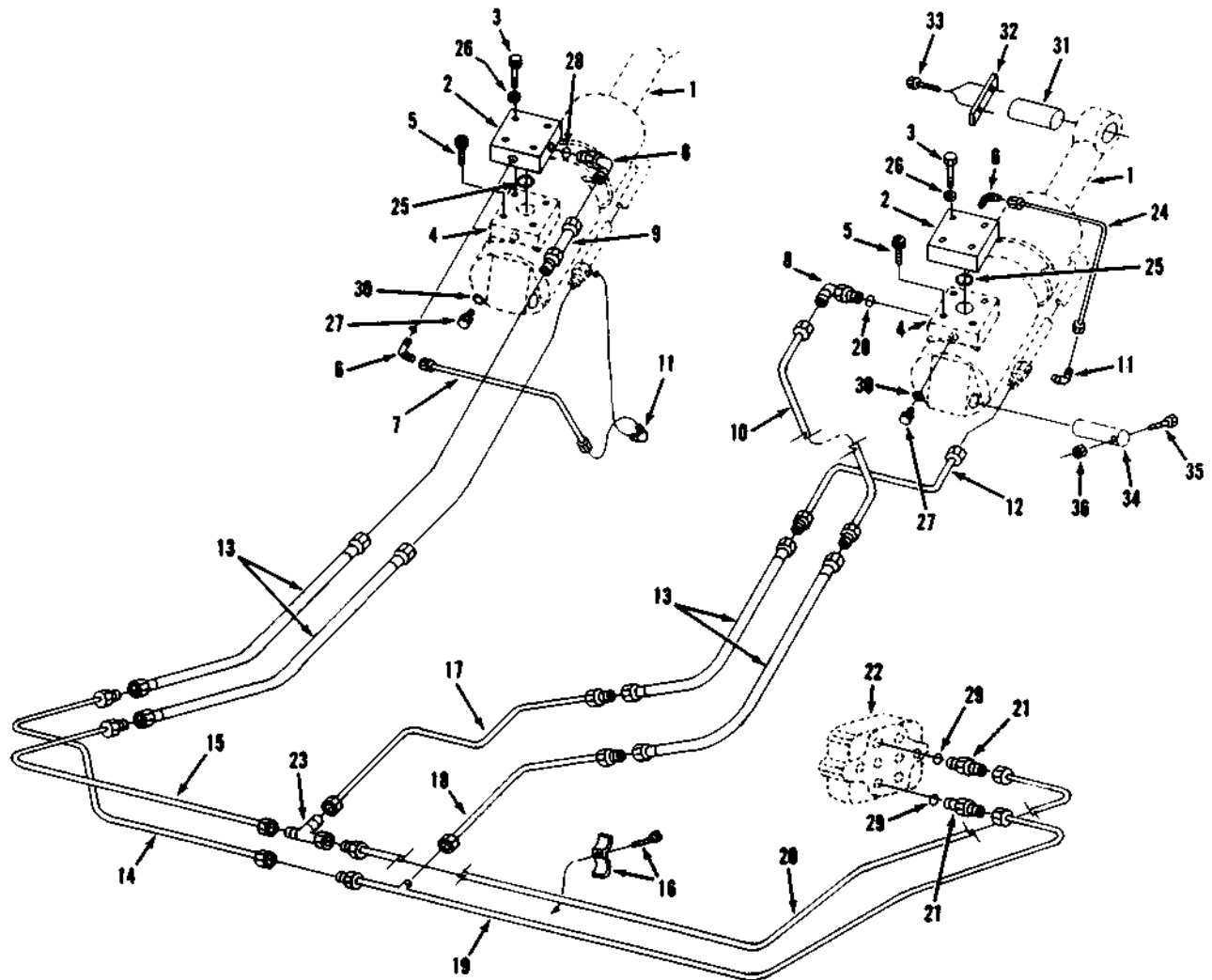
Item	Part No.	Qty.	Description Of Part
1		2	STEERING CYLINDER
2	8866-2064	1	ELBOW 90 DEGREE (includes o ring)
	8859-1204	1	O RING
3	9020-0870	2	HIGH PRESSURE HOSE
4	8866-2139	2	RUN TEE (includes o ring)
	8859-1204	2	O RING
5	9020-0869	2	HIGH PRESSURE HOSE
6	8866-2006	4	CONNECTOR (includes o ring)
	8859-1205	4	O RING
7	8866-2005	1	CONNECTOR (includes o ring)
	8859-1204	1	O RING
8	9002-7187	18	PLASTIC TIE
9	9002-6683	1	GROMMET
10	8866-2007	1	CONNECTOR (includes o ring)
	8859-1206	1	O RING
11	9020-0618	1	HIGH PRESSURE HOSE
12	9002-6687	1	ELBOW, 90 DEGREES
13	9020-0665	1	HIGH PRESSURE HOSE
14	9020-0617	1	HIGH PRESSURE HOSE
15	9060-0166	1	STEERING RELIEF VALVE
16		1	ORBITROL
17	9060-0214	1	HYDRAULIC LINE
18	9002-2044	1	HIGH PRESSURE HOSE
19	9060-0225	1	HYDRAULIC LINE
20	8866-2024	1	CONNECTOR (includes o ring)
	8859-1206	1	O RING
21		1	PUMP (see page 10-23)



Item	Part No.	Qty.	Description Of Part
1		1	MAIN CONTROL VALVE
2	8866-2010	2	CONNECTOR (includes o ring)
	8859-1209	2	O RING
3	9060-0203	1	HYDRAULIC LINE
4	9060-0202	1	HYDRAULIC LINE
5	9060-0265	1	HYDRAULIC LINE
6	9060-0229	1	HYDRAULIC LINE
7	9060-0221	1	HYDRAULIC LINE
8	9060-0220	1	HYDRAULIC LINE
9	9002-2044	4	HOSE
10	9060-0223	1	HYDRAULIC LINE
11	8866-2067	2	ELBOW 90 DEGREE (includes o ring)
	8859-1207	2	O RING
12	9060-0222	1	HYDRAULIC LINE
13		2	LIFT CYLINDER
14	9060-1327	2	PILOT LINE
15	8874-3041	4	MALE ELBOW, 90 DEGREE (1/8 X 1/4 TUBE)
16	8820-1042	8	HEX HD CAPSCREW, 3/8-16 X 2 1/2, GR5
17	8855-1011	11	LOCKWASHER, 3/8
18	8866-2177	2	HEX HD PLUG (includes o ring)
	8859-1207	2	O RING
19	9060-0130	2	OVERCENTER VALVE
20	9040-0066	2	VALVE BLOCK



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0081	2	LIFT CYLINDER (breakdown on page 10-1)	11	8874-3041	2	MALE ELBOW, 90 DEGREES, 1/8X1/4 TUBE
2	9060-1379	2	COUNTERBALANCE VALVE (includes relief cartridge)	12	9060-0222	1	HYDRAULIC LINE
	9103-4030	AR	EXTERNAL "O" RING KIT	13	9002-2044	4	HIGH PRESSURE HOSE
3	8820-1072	8	HEX HD CAPSCREW, 1/2-13X2-3/4 Gr 5	14	9060-0228	1	HYDRAULIC LINE
	8855-1013	8	LOCKWASHER, 1/2	15	9060-1802	1	HYDRAULIC LINE
4	9060-1460	2	ADAPTER BLOCK	16	9020-0483	3	CLAMP
	8866-2175	2	HEX HD PLUG (includes "o" ring)		8820-1037	3	HEX HD CAPSCREW, 3/8-16X1-1/2 Gr 5
	8859-1205	2	"O" RING	17	9060-1800	1	HYDRAULIC LINE
	9002-3124	2	"O" RING (valve to block)	18	9060-1801	1	HYDRAULIC LINE
5	8821-1544	8	SOCKET HD CAPSCREW, 3/8-24X1 Gr 8	19	9060-0203	1	HYDRAULIC LINE
6	9002-7906	2	ELBOW - 90 DEGREE ADJUSTALBE	20	9060-1803	1	HYDRAULIC LINE
7	9060-1315	1	HYDRAULIC LINE	21	8866-2010	2	CONNECTOR (includes "o" ring)
8	8866-2067	2	ELBOW - 90 DEGREES (includes "o" ring)		8859-1209	2	"O" RING
	8859-1207	2	"O" RING	22	9060-1829	1	MAIN HYDRAULIC VALVE (breakdown on pg 10-19)
9	9060-1313	1	HYDRAULIC LINE	23	8866-2242	1	SWIVEL NUT RUN TEE, 1/4 TUBE
10	9060-0223	1	HYDRAULIC LINE	24	9060-1316	1	TUBE LINE

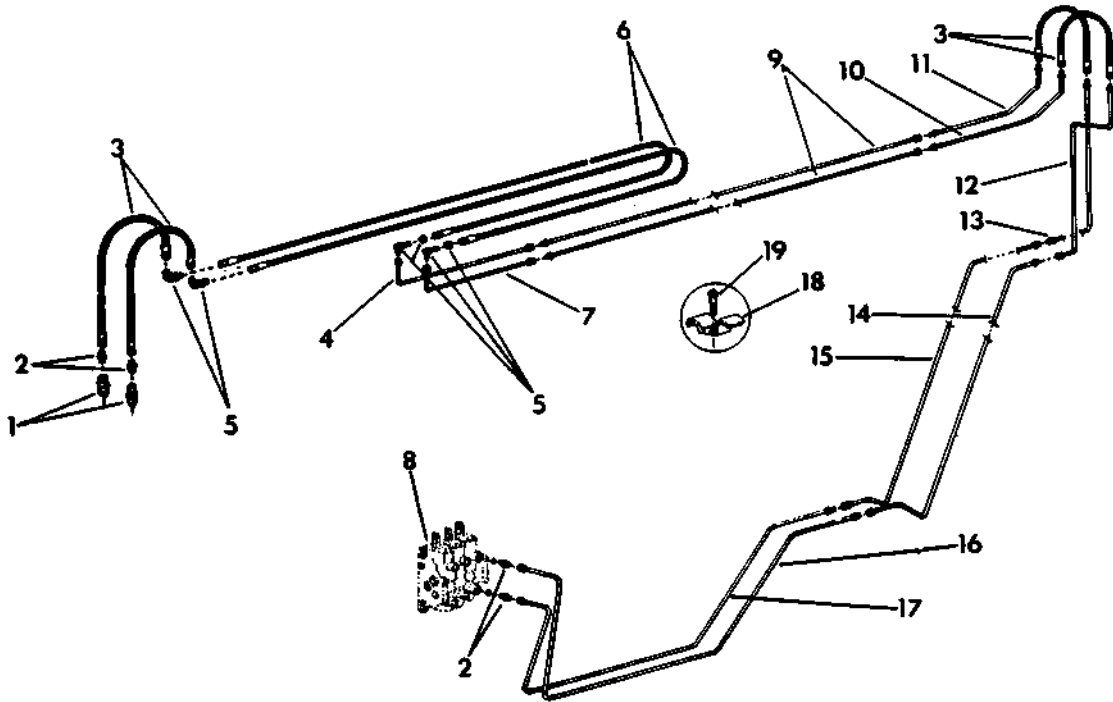


Item	Part No.	Qty.	Description Of Part
1		Ref	LIFT CYLINDER (see page 10-1 for details)
2	9060-1379	2	COUNTERBALANCE VALVE
	9103-4030	AR	SEAL KIT
3	8820-1072	8	HEX HD CAPSCREW, 1/2-13X2-3/4, GR5
4	9060-1460	2	ADAPTER BLOCK
5	8821-1544	8	SOCKET HD CAPSCREW, 3/8-24X1, GR8
6	9002-7906	2	ELBOW
7	9060-1315	1	TUBE ASSY
8	8866-2067	2	ELBOW, 90 DEGREES (includes item 28)
9	9060-1313	1	TUBE ASSY
10	9060-0223	1	TUBE ASSY
11	8874-3041	2	MALE ELBOW, 90 DEGREES, 1/8X1/4 TUBE
12	9060-0222	1	TUBE ASSY
13	9002-2044	4	HOSE ASSY
14	9060-0228	1	TUBE ASSY
15	9060-1802	1	TUBE ASSY
16	9020-0483	3	CLAMP
	8820-1037	3	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5

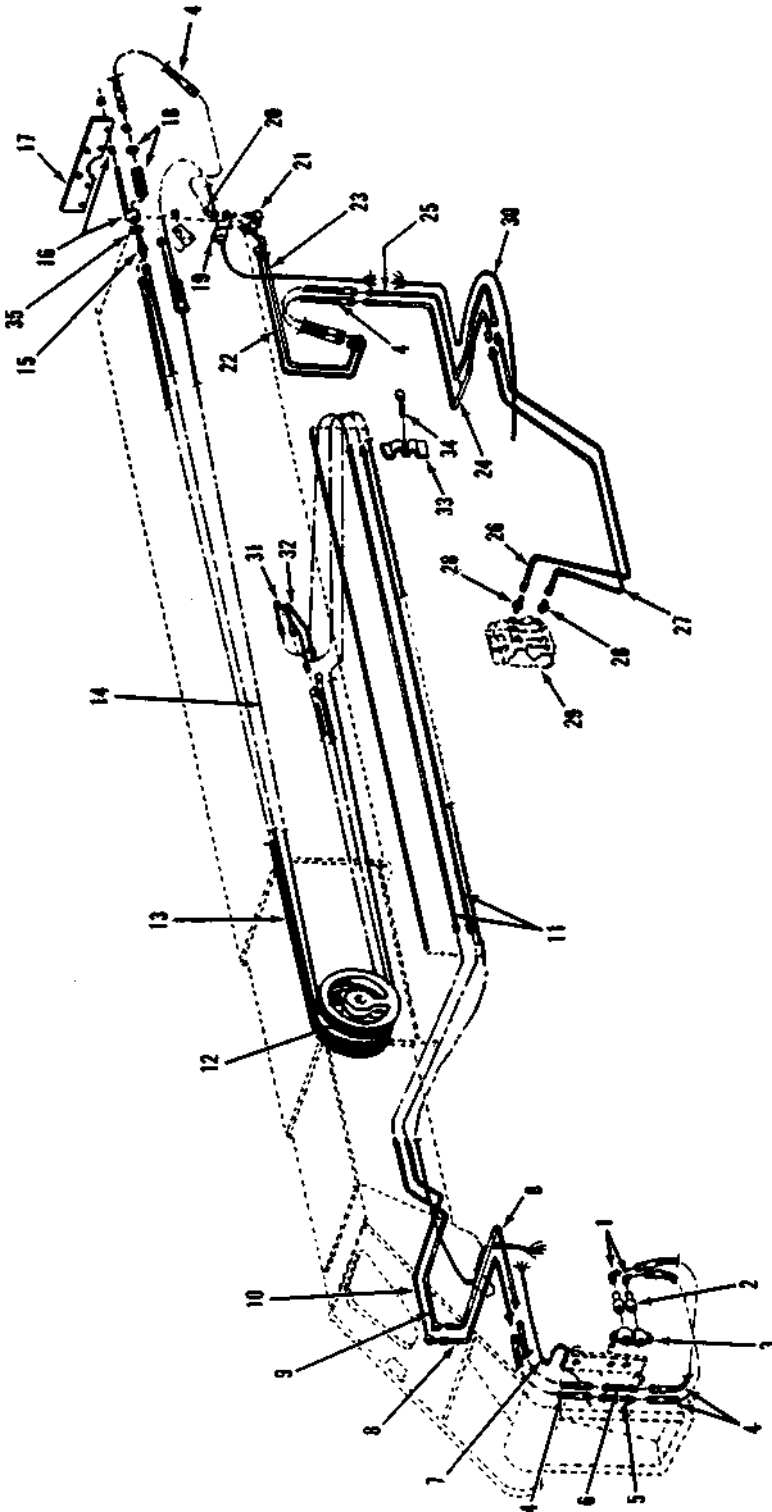
Item	Part No.	Qty.	Description Of Part
17	9060-1800	1	TUBE ASSY
18	9060-1801	1	TUBE ASSY
19	9060-0203	1	TUBE ASSY
20	9060-1803	1	TUBE ASSY
21	8866-2010	2	CONNECTOR (includes item 29)
22		Ref	CONTROL VALVE (see page 10-19 for details)
23	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE
24	9060-1316	1	TUBE ASSY
25	9002-3124	2	O-RING
26	8855-1013	8	LOCKWASHER, 1/2
27	8866-2175	2	HEX HD PLUG (includes item 30)
28	8859-1207	2	O-RING
29	8859-1209	2	O-RING
30	8859-1205	2	O-RING
31	9002-7636	2	PIN
32	9020-0977	2	RETAINER
33	8820-1097	4	HEX HD CAPSCREW, 5/8-11X2, GR5
34	9002-2013	2	PIN
35	8820-1326	2	HEX HD CAPSCREW, 5/8-11X5-3/4
36	8850-1010	2	HEX NUT, 5/8

AUXILIARY HYDRAULICS

ALL UNITS WITH 3SL BOOM



REF.	PART NO.	DESCRIPTION	REQ'D
1	026-690	COUPLER, quick disconnect.	2
2	026-600	ADAPTER.	4
3	022-042	HOSE, high pressure.	4
4	600-349	LINE, hydraulic.	1
5	027-180	ELBOW, 90° bulkhead.	4
6	200-950	HOSE, high pressure.	2
7	600-350	LINE, hydraulic.	1
8	---	VALVE, auxiliary (for breakdown see page 10-21)	1
9	600-353	LINE, hydraulic.	2
10	600-348	LINE, hydraulic.	1
11	600-347	LINE, hydraulic.	1
12	600-507	LINE, hydraulic.	1
13	600-508	LINE, hydraulic.	1
14	601-305	LINE, hydraulic.	1
15	601-304	LINE, hydraulic.	1
16	601-150	LINE, hydraulic.	1
17	601-149	LINE, hydraulic.	1
18	200-482	CLAMP.	AR
19	020-007	BOLT, 3/8" nc x 1"	AR

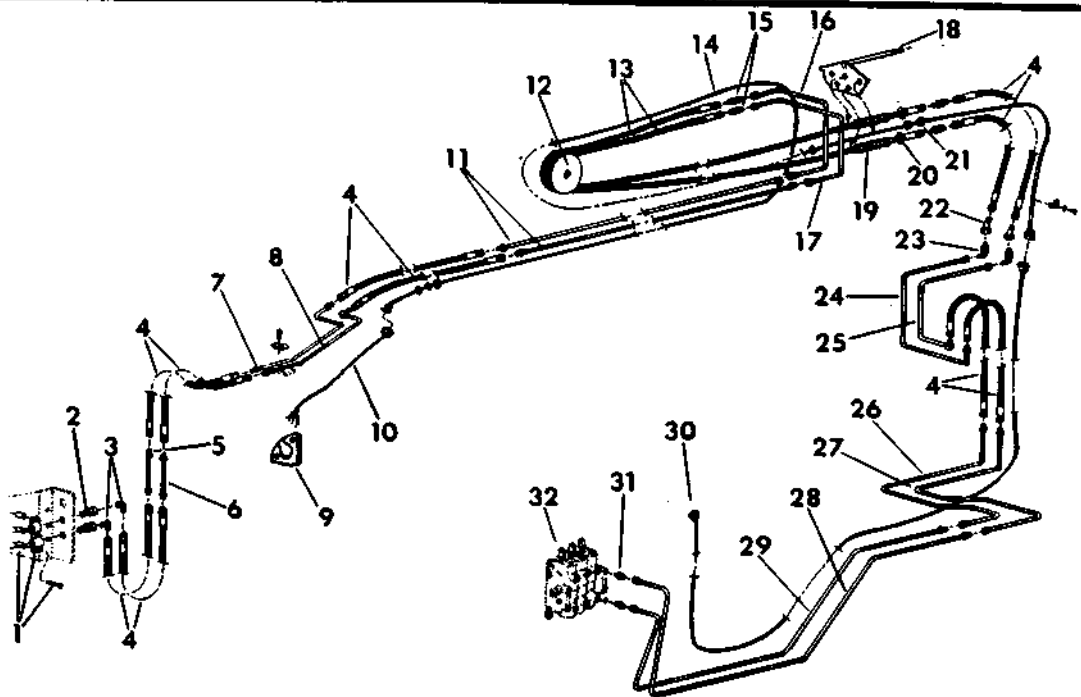


Item	Part No.	Qty.	Description Of Part
	9102-5060		AUXILIARY HYDRAULIC INSTALLATION 554 (includes all items except #14,17,19 & 25 thru 30)
	9101-5047		AUXILIARY HYDRAULIC INSTALLATION 552 (includes all items except #14,17,19 & 25 thru 30)
1	8874-3045	2	MALE ELBOW-90 DEGREES 1/2x5/8 TUBE
2	9020-4245	2	FEMALE HYDRAULIC BODY
3	9020-4711	1	HANGER BRACKET
	9020-3173	4	SPACER TUBE
	8820-1007	2	HEX HD CAPSCREW, 1/4-20x1-1/2 GR5
	8820-1022	2	HEX HD CAPSCREW, 5/16-18x1-1/2 GR5
4	9002-2043		HOSE ASSY
5	9060-1546	1	TUBE ASSY
6	9060-1547	1	TUBE ASSY
7	9020-3249	1	BOOM HEAD HARNESS
	9020-4293	1	FEMALE ELECTRICAL COUPLING
8	9020-6319	2	TUBE ASSY
9	9020-6321	1	TUBE ASSY
10	9020-6322	1	TUBE ASSY
11	9060-1302	2	TUBE ASSY
12	9040-1154	1	AUX. HOSE SHEAVE (double) 5/8" SHAFT
	9020-0314	2	BUSHING
	9040-1733	1	AUX. ELECTRIC SHEAVE (single) 5/8" SHAFT
	9020-0314	1	BUSHING
	9040-3009	1	AUX. HOSE SHEAVE (double) 1" SHAFT
	9020-5827	2	BUSHING
	9040-3008	1	AUX. ELECTRIC SHEAVE (single) 1" SHAFT
	9020-5827	1	BUSHING
13	9020-4141	2	HOSE
14	9020-4237	1	CONDUIT HOSE
	9020-4707	1	7 CABLE CONDUCTOR
15	9002-9939	2	BULKHEAD ADAPTER
16	9040-1637	3	HOSE TENSION BRACKET
	8850-1008	6	HEX NUT, 1/2-13
17	9040-1510	1	BRACKET
18	9020-0313	3	SPRING
	9002-7475	2	WASHER
19	9020-4263	2	STRAIN RELIEF CONNECTOR
20	8866-2121	2	ELBOW - 45 DEGREES (swivel nut)
21	9002-9938	2	90 DEGREE BULKHEAD
22	9060-1432	1	TUBE ASSY (552)
	9060-1153	1	TUBE ASSY (554)
23	9060-1433	1	TUBE ASSY (552)
	9060-1154	1	TUBE ASSY (554)
24	9060-1151	1	TUBE ASSY

Item	Part No.	Qty.	Description Of Part
25	9060-1152	1	TUBE ASSY
26	9060-1149	1	TUBE ASSY
27	9060-1150	1	TUBE ASSY
28	9002-9978	2	ADAPTER
29		Ref	AUXILIARY VALVE (see pg 10-21 for details)
30		1	7 CABLE CONDUCTOR
31	9060-1173	1	TUBE ASSY
32	9060-1174	1	TUBE ASSY
33	9020-0483	4	TUBE CLAMP
34	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1 GR5
35	8856-1116	2	FLAT WASHER, 7/8

AUX. HYDRAULICS and ELECTRIC

552/554 W/ 2S BOOM

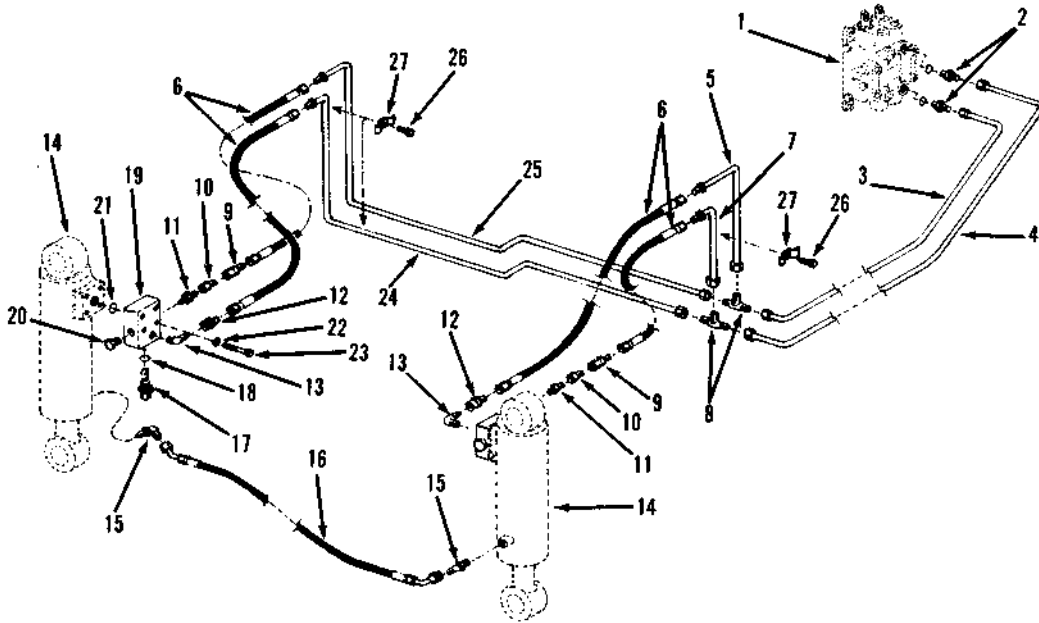


REF.	PART NO.	DESCRIPTION	REQ'D
1	204-711	HANGER BRACKET.	1
	203-173	SPACER.	4
	020-017	BOLT, 1/4 nc x 1 1/2 - Gr. 5.	2
	020-019	BOLT, 5/16 nc x 1 1/2 - Gr. 5	2
2	204-245	BODY, coupler	2
	203-304	PLUG, protector	2
3	026-404	ELBOW, 90°.	2
4	022-043	HOSE.	10
5	601-546	LINE, hydraulic	1
6	601-547	LINE, hydraulic	1
7	601-541	LINE, hydraulic	1
8	601-540	LINE, hydraulic	1
9	204-193	RECEPTICAL.	1
10	SEE PAGE 9-15.1		1
11	601-330	LINE, hydraulic	2
12	401-154	SHEAVE, aux hose (double)	1
	200-314	BUSHING	2
	401-733	SHEAVE, aux electric (single)	1
	200-314	BUSHING	2
13	201-978	HOSE.	2
14	SEE PAGE 9-15.1		2
15	026-690	ADAPTER, bulkhead	4
16	601-196	LINE, hydraulic	1
17	601-197	LINE, hydraulic	1
18	601-318	PLATE, hose tensioning.	1
19	200-313	SPRING.	2
20	027-475	WASHER.	2
21	204-263	CONNECTOR, strain relief.	2
22	029-941	ELBOW, 45° swivel	2
23	029-938	ELBOW, 90° bulkhead	2
24	601-432	LINE, hydraulic (model 552)	1
	601-153	LINE, hydraulic (model 554)	1

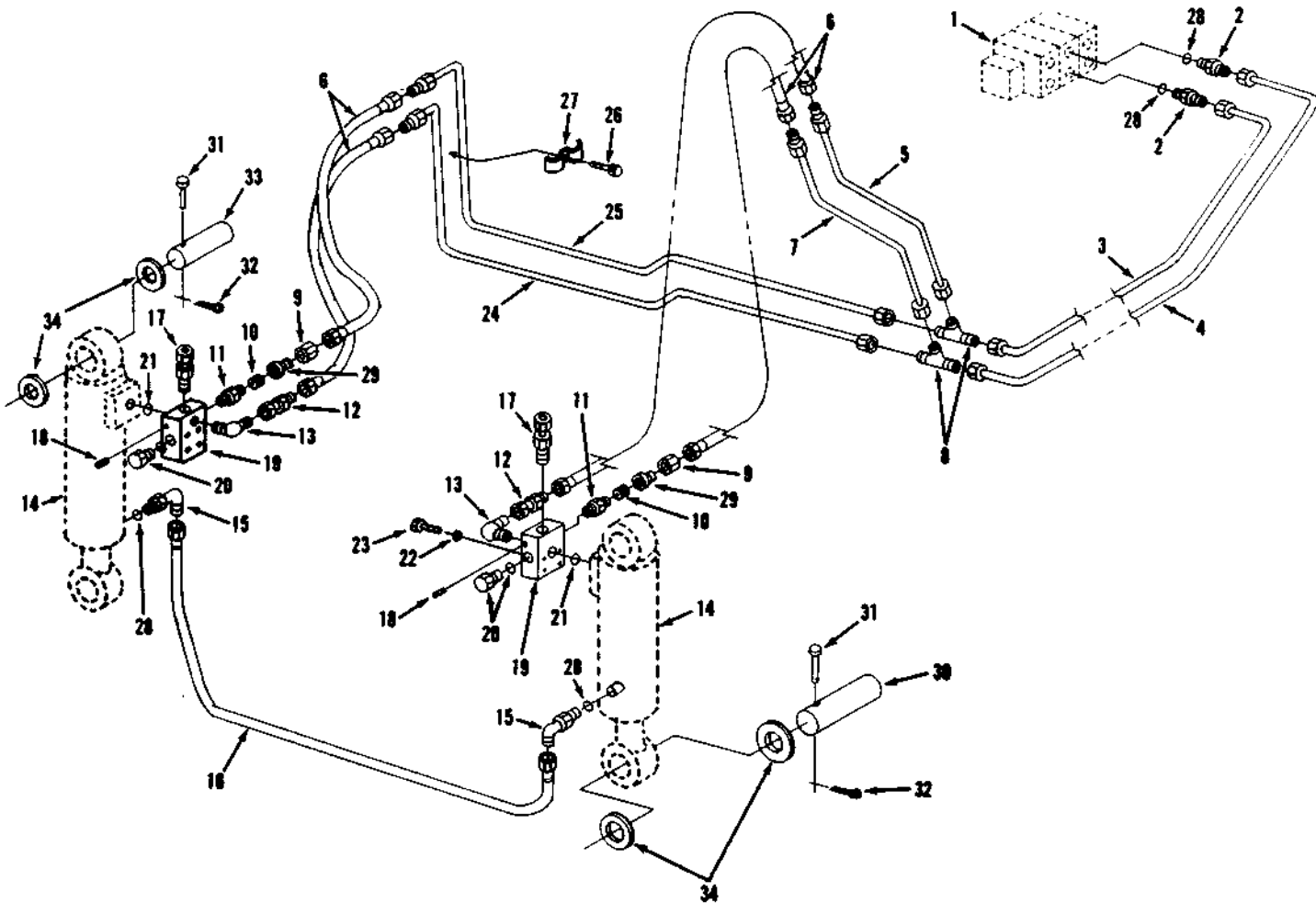
AUX. HYDRAULICS and ELECTRIC

552/554 W/ 2S BOOM

REF.	PART NO.	DESCRIPTION	REQ'D
25	601-433	LINE, hydraulic (model 552)	1
	601-154	LINE, hydraulic (model 554)	1
26	601-151	LINE, hydraulic	1
27	601-152	LINE, hydraulic	1
28	601-149	LINE, hydraulic	1
29	601-150	LINE, hydraulic	1
30		CABLE, 7 conductor.	1
31	029-978	ADAPTER	2
32	---	VALVE, auxiliary (for breakdown see page 10-21)	1
10	9020-3822	CABLE, 7 conductor (FOR SERVICE ALSO ORDER)	1
	9002-6803	TERMINAL, female.	7
	9002-6808	TERMINAL, male.	7
	9002-6840	CONNECTOR, male	1
	9002-6849	CONNECTOR, female	1
14	9020-4059	HOSE, conduit	1
	9020-4706	CABLE, 7 conductor (FOR SERVICE ALSO ORDER)	1
	9002-6803	TERMINAL, female.	7
	9002-6808	TERMINAL, male.	7
	9002-6840	CONNECTOR, male	1
	9002-6849	CONNECTOR, female	1

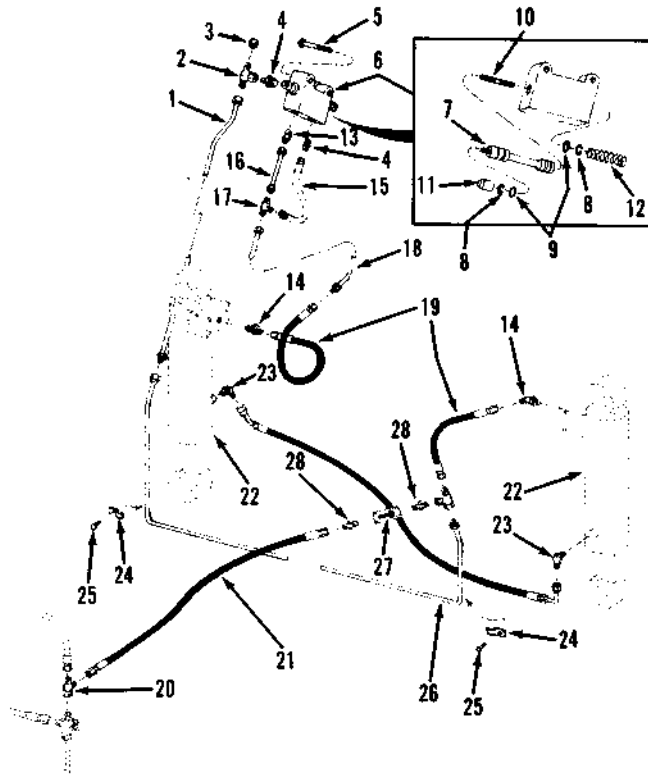


Item	Part No.	Qty.	Description Of Part
1		1	AUXILIARY VALVE
2	8866-2006	2	CONNECTOR (includes o ring)
	8859-1205	2	O RING
3	9060-0322	1	HYDRAULIC LINE
4	9060-0323	1	HYDRAULIC LINE
5	9060-0356	1	HYDRAULIC LINE (before s/n 415)
	9060-1066	1	HYDRAULIC LINE (s/n 415 & after)
6	9002-2042	4	HIGH PRESSURE HOSE
7	9060-0357	1	HYDRAULIC LINE (before s/n 415)
	9020-1830	1	HYDRAULIC LINE (s/n 415 & after)
8	8866-1306	2	UNION TEE, 1/2 TUBE
9	8866-1408	2	TUBE NUT, 3/4
10	9020-0819	2	SWAY RESTRICTOR ORIFICE (slow - .039) SWAY RESTRICTOR ORIFICE (fast - .078)
11	8866-2008	2	CONNECTOR (includes o ring)
	8859-1207	2	O RING
12	9020-0600	2	ADAPTER
13	8874-3041	2	MALE ELBOW, 90 DEGREE, 1/8 X 1/4, TUBE
14	9080-0020	2	SWAY CYLINDER
15	9002-6942	2	ELBOW, 90 DEGREE
16	9020-0639	1	HIGH PRESSURE HOSE
17	9060-0727	2	PILOT OPERATED CHECK VALVE
18	8859-1022	1	O RING
19	9040-0066	2	VALVE BLOCK
20	8866-2177	2	HEX HD PLUG (includes o ring)
	8859-1207	2	O RING
21	8859-1022	2	O RING
22	8855-1011	8	LOCKWASHER
23	8820-1541	8	HEX HD CAPSCREW, 3/8-24 X 2 3/4 GR5
24	9060-0355	1	HYDRAULIC LINE
25	9060-1154	1	HYDRAULIC LINE
26	8820-1037	3	HEX HD CAPSCREW, 3/8-16 X 1 1/2 GR5
27	9020-0483	3	CLAMP

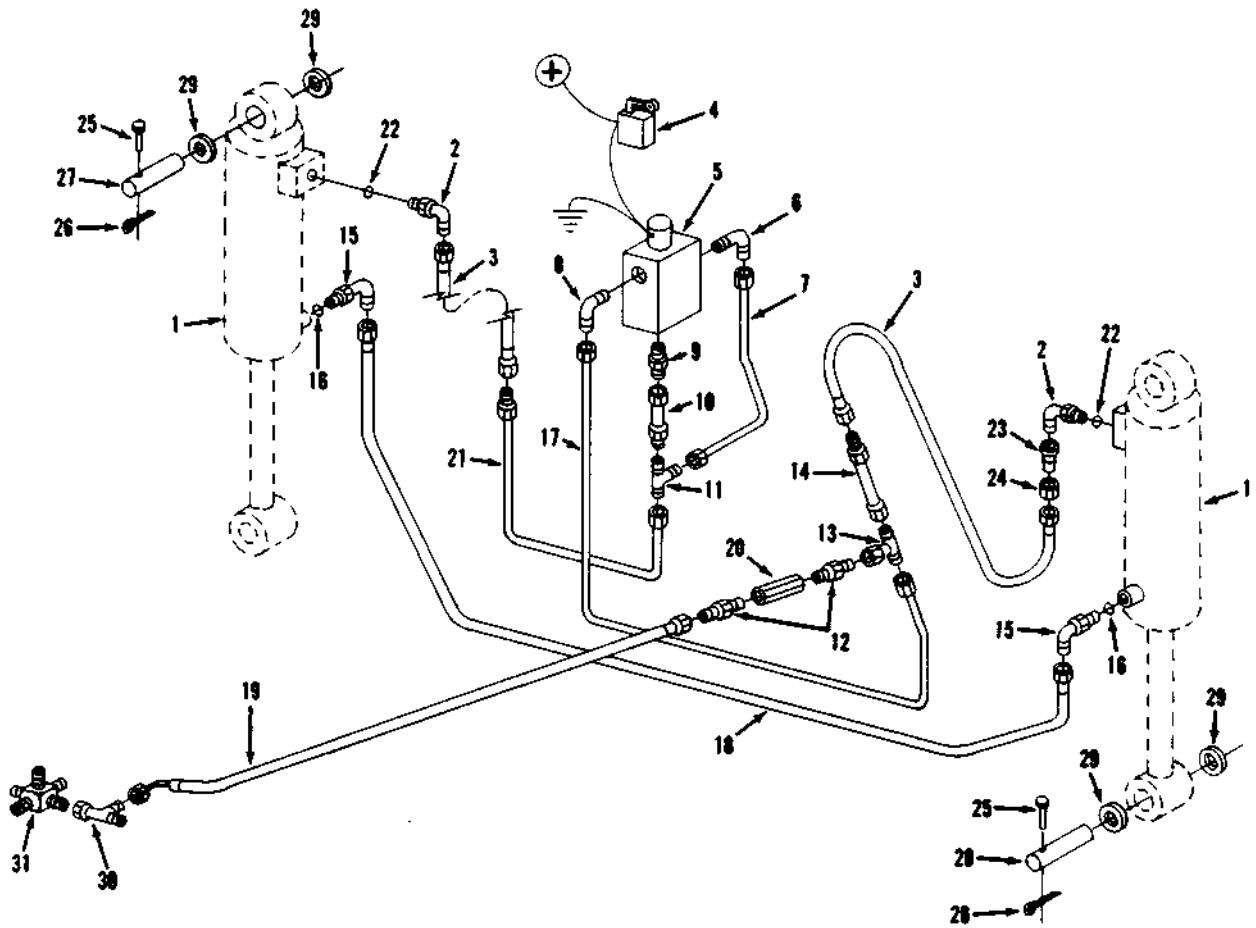


Item	Part No.	Qty.	Description Of Part
1		Ref	AUXILIARY VALVE (see page 10-21 for details)
2	8866-2006	2	CONNECTOR (includes item 28)
3	9060-0322	1	TUBE ASSY
4	9060-0323	1	TUBE ASSY
5	9102-3087	1	TUBE ASSY
6	9002-2042	4	HOSE ASSY
7	9102-3088	1	TUBE ASSY
8	8866-1306	2	UNION TEE, 1/2 TUBE
9	8866-1408	2	TUBE NUT, 3/4
10	9020-3465	2	ORIFICE
11	8866-2008	2	CONNECTOR (includes o-ring)
	8859-1207	2	O-RING
12	9020-0600	2	ADAPTER
13	8874-3041	2	MALE ELBOW, 90 DEGREES, 1/8X1/4 TUBE
14		Ref	SWAY CYLINDER (see page 10-12 for details)
15	8866-2065	2	ELBOW, 90 DEGREES (includes item 28)
16	8471-7875	1	HOSE ASSY
17	9060-0130	2	CHECK VALVE
18	8871-1280	2	HEX SOCKET PIPE PLUG, 1/8

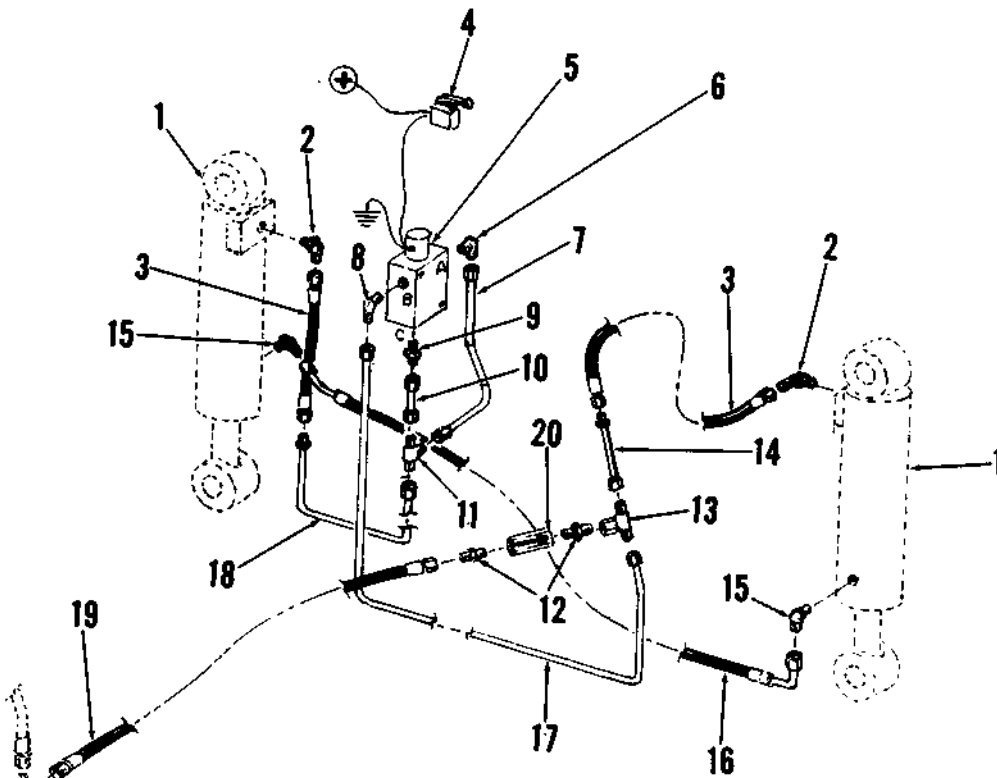
Item	Part No.	Qty.	Description Of Part
19	9040-0066	2	VALVE BLOCK
20	8866-2177	2	HEX HD PLUG (includes o-ring)
	8859-1207	2	O-RING
21	8859-1022	2	O-RING
22	8855-1011	8	LOCKWASHER, 3/8
23	8820-1541	8	HEX HD CAPSCREW, 3/8-24X2-3/4, GR5
24	9060-0355	1	TUBE ASSY
25	9060-1154	8	TUBE ASSY
26	8820-1037	3	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5
27	9020-0483	3	CLAMP
28	8859-1205	4	O-RING
29	9020-1583	2	REDUCER
30	9002-2000	2	PIN
31	9002-1622	4	CLEVIS PIN
32	8863-1318	4	COTTER PIN, 1/8X1
33	9040-0438	2	PIN
34	9020-7727	AR	SHIM
	9020-7728	AR	SHIM
	9020-7729	AR	SHIM
	9020-7730	AR	SHIM



Item	Part No.	Qty.	Description Of Part
1	9060-0684	1	HYDRAULIC LINE
2	9002-7699	1	TEE
3	9002-6701	1	CAP
4	9002-7641	2	ADAPTER
5	8820-1023	2	HEX HD CAPSCREW, 5/16-18 X 1 3/4, GR5
6	9020-1472	1	DIVERTER VALVE (includes 7, 8, & 9)
7	NSS	1	DIVERTER VALVE SPOOL
8	9040-1396	2	SNAP RING
9	9040-1397	2	QUAD RING
10	9020-1469	1	STUD
11	9040-0821	1	SPOOL ACTUATING EXTENSION
12	9040-0822	1	SPRING
13	9020-1470	1	ADAPTER WITH ORIFICE
14	8866-2067	1	ELBOW 90 DEGREE (includes o ring)
	8859-1207	1	O RING
15	9060-0681	1	HYDRAULIC LINE
16	9040-0528	1	HYDRAULIC LINE
17	8866-1306	1	UNION TEE, 1/2 TUBE
18	9060-0683	1	HYDRAULIC LINE
19	9002-2042	2	HOSE
20	8866-2239	1	SWIVEL NUT RUN TEE 3/8 TUBE
21	9002-7644	1	HOSE
22		2	STABILIZER CYLINDER
23	9002-6942	2	ELBOW
24	9020-0483	2	CLAMP
25	8820-1035	2	HEX HD CAPSCREW, 3/8-16 X 1, GR5
26	9060-1329	1	HYDRAULIC LINE
27	9020-1468	1	CHECK VALVE
28	8866-2006	2	CONNECTOR (includes o ring)
	8859-1205	2	O RING

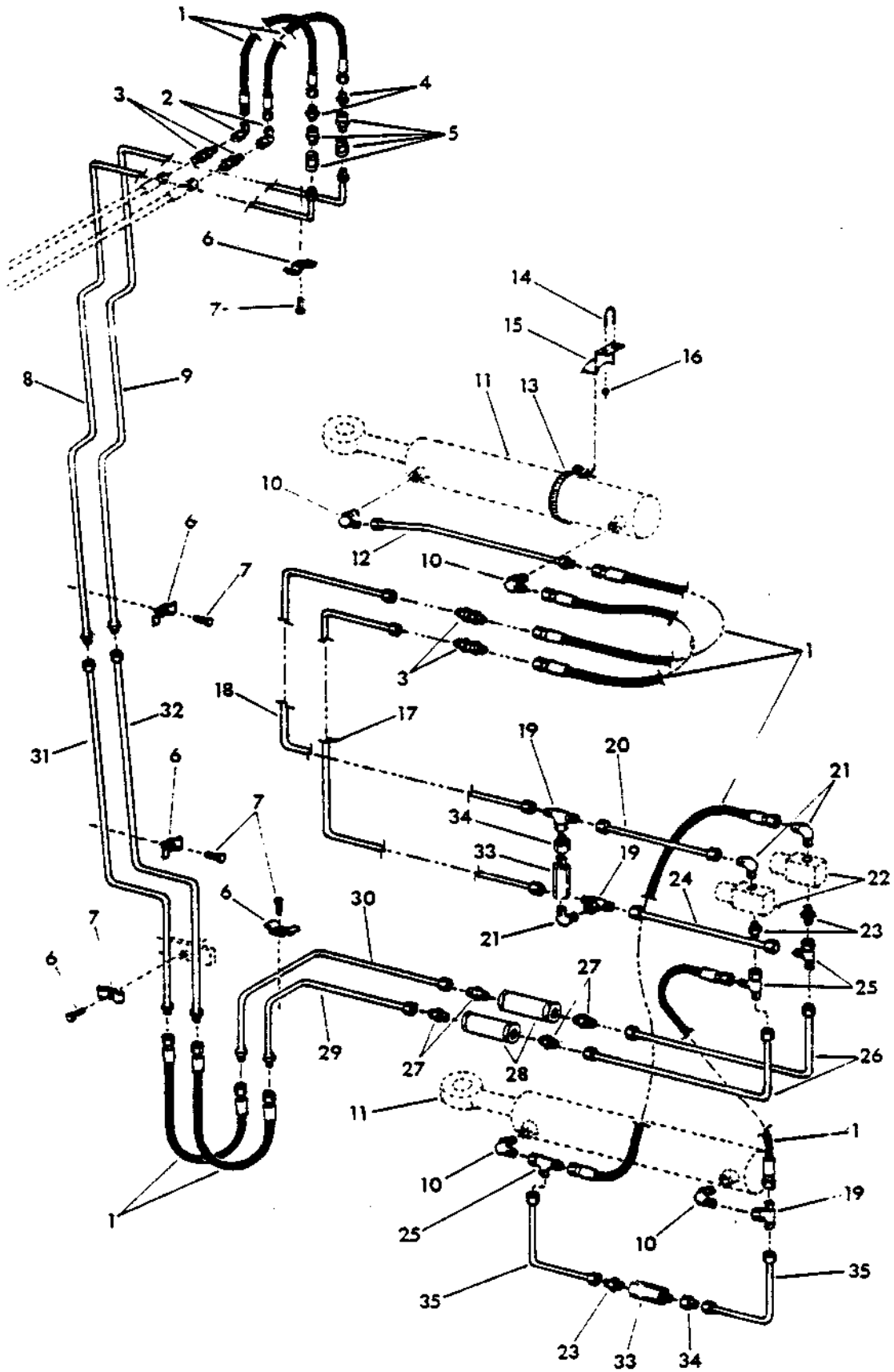


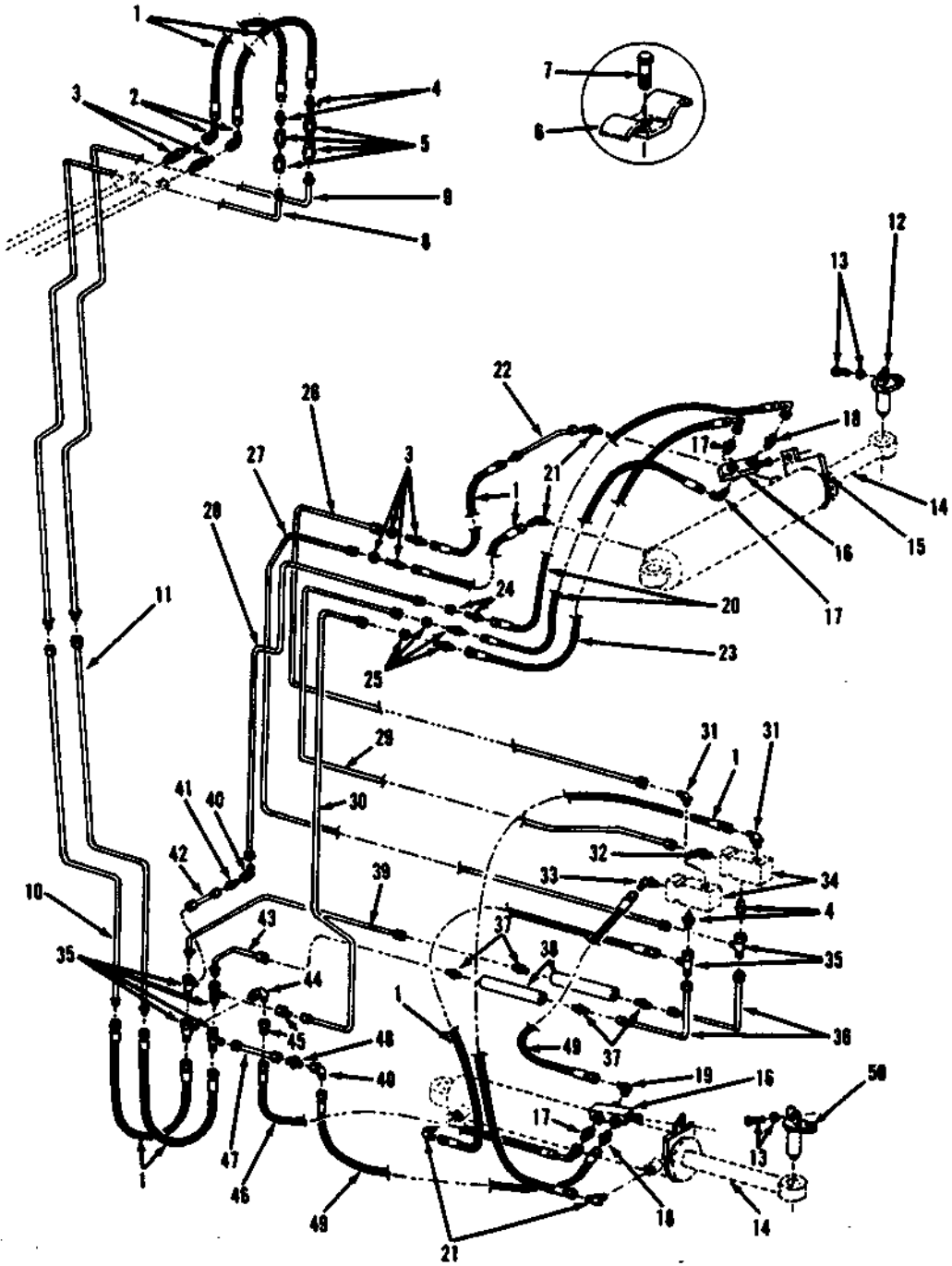
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	SWAY CYLINDER (see page 10-12 for details)	16	8859-1205	4	O-RING
2	8866-2067	2	ELBOW, 90 DEGREES (includes item 22)	17	9060-1470	1	TUBE ASSY
3	9002-2043	2	HOSE ASSY	18	9020-0639	1	HOSE ASSY
4	9020-0616	1	BACKUP SWITCH	19	9020-1600	1	HOSE ASSY
5	9060-2711	1	DIVERTER VALVE	20	9020-2926	1	CHECK VALVE
6	8866-1112	1	MALE ELBOW, 90 DEGREES, 3/8X1/2 TUBE	21	9060-1473	1	TUBE ASSY
7	9060-1471	1	TUBE ASSY	22	8859-1207	2	O-RING
8	8874-3044	1	MALE ELBOW, 90 DEGREES, 3/8X1/2 TUBE	23	8866-1346	1	TUBE END REDUCER, 3/4X1/2
9	9020-4253	1	FITTING	24	8866-1408	1	TUBE NUT, 3/4
10	9040-0528	1	TUBE ASSY	25	9002-1622	4	CLEVIS PIN
11	8866-1306	1	UNION TEE, 1/2 TUBE	26	8863-1318	4	COTTER PIN, 1/8X1
12	8866-2006	2	CONNECTOR (includes o-ring)	27	9040-0438	2	PIN
13	9002-7699	1	TEE	28	9002-2000	2	PIN
14	9060-1469	1	TUBE ASSY	29	9020-7727	AR	SHIM
15	8866-2065	2	ELBOW, 90 DEGREES (includes item 16)		9020-7728	AR	SHIM
					9020-7729	AR	SHIM
					9020-7730	AR	SHIM
					8866-2239	1	SWIVEL NUT RUN TEE, 1/4 TUBE
				30	8866-2239	1	SWIVEL NUT RUN TEE, 1/4 TUBE
				31	9060-0244	1	JUNCTION BLOCK



Item	Part No.	Qty.	Description Of Part
1	9080-0020	2	CYLINDER
2	8866-2067	2	ELBOW - 90 DEGREES (INCLUDES "O" RING
	8859-1207	2	"O" RING
	8866-1346	2	TUBE END REDUCER 3/4X1/2
	9002-6646	2	NUT
3	9002-2042	2	HOSE
4	9020-0616	1	BACKUP SWITCH
5	9060-2711	1	DIVERTER VALVE
6	8866-1112	1	MALE ELBOW - 90 DEGREES 3/8X1/2
7	9060-1471	1	HYDRAULIC LINE
8	8874-3044	1	MALE ELBOW - 90 DEGREES 3/8X1/2
9	9020-4253	1	FITTING
10	9040-0528	1	HYDRAULIC LINE
11	8866-1306	1	UNION TEE 1/2 TUBE
12	8866-2006	2	CONNECTOR (INCLUDES "O" RING)
	8859-1205	2	"O" RING
13	9002-7699	1	TEE
14	9060-1469	1	HYDRAULIC LINE
15	8866-2065	2	ELBOW - 90 DEGREES (INCLUDES "O" RING)
	8859-1205	2	"O" RING
16	9020-0639	1	HOSE
17	9060-1470	1	HYDRAULIC LINE
18	9060-1473	1	HYDRAULIC LINE
19	9020-1600	1	HOSE
20	9020-2926	1	CHECK VALVE

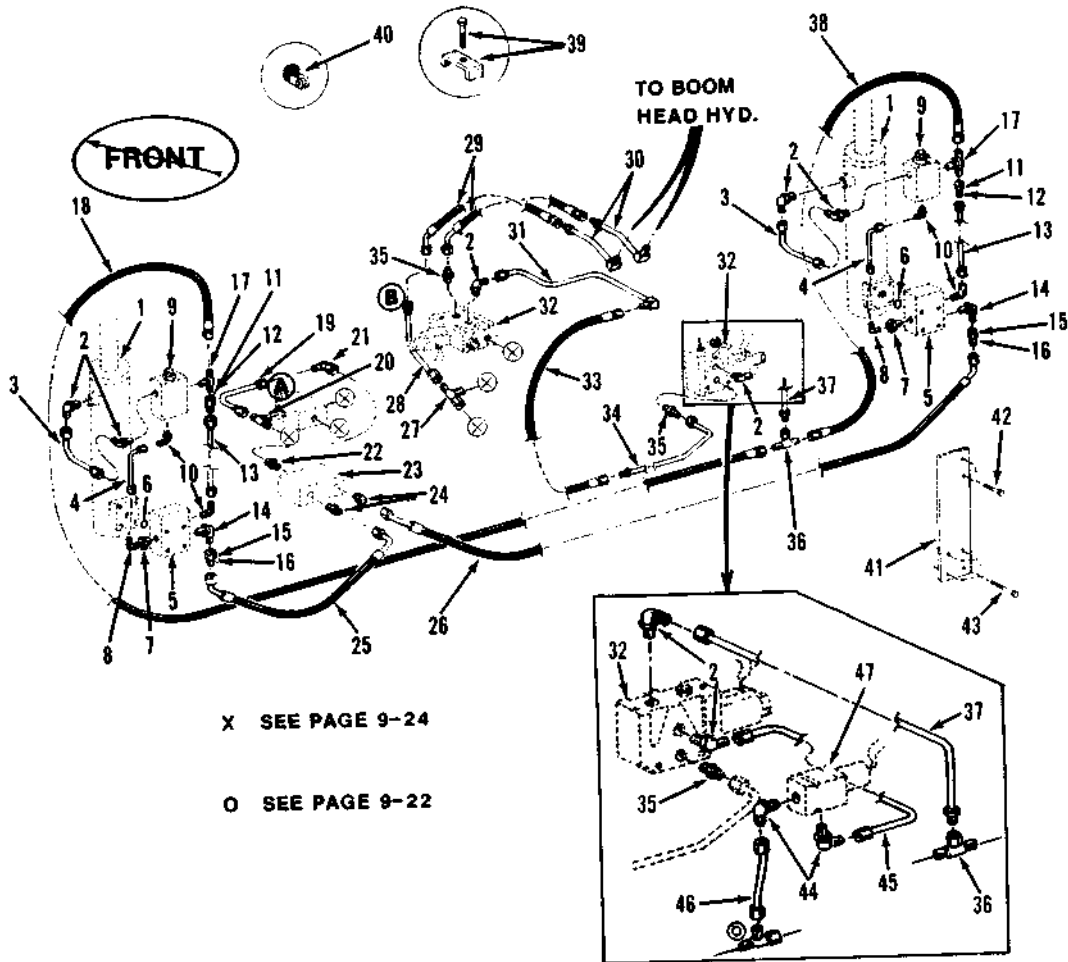
SWING FORK HYDRAULICS





Item	Part No.	Qty.	Description Of Part
1	9002-2042	8	HIGH PRESSURE HOSE
2	8866-2106	2	ELBOW-90 DEGREE (swivel nut)
3	8866-1085	4	BULKHEAD UNION, 3/4-16 x 1/2 tube
4	8866-2006	4	CONNECTOR (includes "O" ring)
	8859-1205	4	"O" RING
5	9002-6690	2	QUICK DISCONNECT COUPLER
6	9020-0482	AR	TUBE CLAMP
7	8820-1035	AR	HEX. HD. CAPSCREW, 3/8-16x1, GR5
8	9060-1259	1	HYDRAULIC LINE
9	9060-1260	1	HYDRAULIC LINE
10	9060-1132	1	HYDRAULIC LINE
11	9060-1133	1	HYDRAULIC LINE
12	9040-2542	1	PIN
13	8820-1067	2	HEX. HD. CAPSCREW, 1/2-13 x 1 1/2, GR5
	8850-1008	2	HEX NUT, 1/2 - 13
14	9080-0579	2	TILT & FRAME SWING CYLINDER
15	9040-2540	1	BRACKET
* 16	9060-1695	2	DIVERTER VALVE
17	8874-3002	2	MALE ADAPTER, 1/4 x 3/8 TUBE
18	8874-3010	2	MALE ADAPTER, 1/4 x 1/4 TUBE
19	8874-3055	2	MALE ELBOW, 90 DEGREES 1/4 x 1/4 TUBE
20	9060-1699	2	HIGH PRESSURE HOSE
21	7713-1088	4	
22	9060-1138	1	HYDRAULIC LINE
23	9060-1700	1	HIGH PRESSURE HOSE
24	8866-1082	2	BULKHEAD UNION, 7/16-20 x 1/4 TUBE
25	8866-1084	1	BULKHEAD UNION, 9/16-18 x 3/8 TUBE
26	9060-1691	1	HYDRAULIC LINE
27	9060-1690	1	HYDRAULIC LINE
28	9060-1693	1	HYDRAULIC LINE
29	9060-1692	1	HYDRAULIC LINE
30	9060-1689	1	HYDRAULIC LINE
31	8866-1065	2	ELBOW, 90 DEGREES (includes "O" ring)
32	8866-2003	1	CONNECTOR (includes "O" ring)
	8859-1202	1	"O" RING
33	8866-2062	1	ELBOW, 90 DEGREES (includes "O" ring)
	8859-1202	1	"O" RING
34	9060-1698	2	VALVE
	9020-0097	2	HEX. HD. CAPSCREW, 1/4-20x4 GR5
	8856-1107	4	FLAT WASHER, 1/4
	8850-1004	2	HEX NUT, 1/4 - 20
35	8866-2240	6	SWIVEL NUT RUN TEE, 1/2 TUBE
36	9060-1385	2	HYDRAULIC LINE
* 37	8874-3003	4	MALE ADAPTER, 3/8 x 1/2 TUBE
38	9060-1696	2	VALVE
39	9060-1687	1	HYDRAULIC LINE
40	9020-3419	2	90 DEGREE ELBOW
41	9060-1697	1	CHECK VALVE
42	9020-3416	1	HYDRAULIC LINE
43	9060-1688	1	HYDRAULIC LINE
44	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
45	9002-7978	2	ADAPTER
46	9060-1694	1	HIGH PRESSURE HOSE
47	9020-3416	1	HYDRAULIC LINE
48	9060-1697	1	CHECK VALVE
49	9002-7485	2	HIGH PRESSURE HOSE
50	9040-2541	1	PIN

Item	Part No.	Qty.	Description Of Part
1	9002-2042	8	HIGH PRESSURE HOSE
2	8866-2106	2	ELBOW - 90 DEGREE (swivel nut)
3	8866-1085	4	BULKHEAD UNION, 3/4-16 X 1/2 tube
4	8866-2006	4	CONNECTOR (includes "o" ring)
	8859-1205	4	O RING
5	9002-6690	2	QUICK DISCONNECT COUPLER
6	9020-0482	AR	TUBE CLAMP
7	8820-1035	AR	HEX HD CAPSCREW, 3/8-16 X 1, GR5
8	9060-1259	1	HYDRAULIC LINE
9	9060-1260	1	HYDRAULIC LINE
10	9060-1132	1	HYDRAULIC LINE
11	9060-1133	1	HYDRAULIC LINE
12	9040-2542	1	PIN
13	8820-1067	2	HEX HD CAPSCREW, 1/2-13 X 1 1/2, GR5
	8850-1008	2	HEX NUT, 1/2 - 13
14	9080-0579	2	TILT & FRAME SWING CYLINDER
15	9040-2540	1	BRACKET
16	9050-1695	2	DIVERTER VALVE
17	8874-3002	2	MALE ADAPTER, 1/4 X 3/8 TUBE
18	8874-3010	2	MALE ADAPTER, 1/4 X 1/4 TUBE
19	8874-3055	2	MALE ELBOW, 90 DEGREES 1/4 X 1/4 TUBE
20	9060-1699	2	HIGH PRESSURE HOSE
21	7713-1088	4	
22	9060-1138	1	HYDRAULIC LINE
23	9060-1700	1	HIGH PRESSURE HOSE
24	8866-1082	2	BULKHEAD UNION, 7/16-20 X 1/4 TUBE
25	8866-1084	1	BULKHEAD UNION, 9/16-18 X 3/8 TUBE
26	9060-1691	1	HYDRAULIC LINE
27	9060-1690	1	HYDRAULIC LINE
28	9060-1693	1	HYDRAULIC LINE
29	9060-1692	1	HYDRAULIC LINE
30	9060-1689	1	HYDRAULIC LINE
31	8866-1065	2	ELBOW, 90 DEGREES (includes o ring)
32	8866-2003	1	CONNECTOR (includes o ring)
	8859-1202	1	O RING
33	8866-2062	1	ELBOW, 90 DEGREES (includes o ring)
	8859-1202	1	O RING
34	9060-1698	2	VALVE
	9020-0097	2	HEX HD CAPSCREW, 1/4-20 X 4 GR5
	8856-1107	4	FLAT WASHER, 1/4
	8850-1004	2	HEX NUT, 1/4 - 20
35	8866-2240	6	SWIVEL NUT RUN TEE, 1/2 TUBE
36	9060-1385	2	HYDRAULIC LINE
37	8874-3015	4	MALE ADAPTER, 1/4 X 1/2 TUBE
38	9060-1696	2	VALVE
39	9060-1687	1	HYDRAULIC LINE
40	9020-3419	2	90 DEGREE ELBOW
41	9060-1697	1	CHECK VALVE
42	9020-3416	1	HYDRAULIC LINE
43	9060-1688	1	HYDRAULIC LINE
44	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
45	9002-7978	2	ADAPTER
46	9060-1694	1	HIGH PRESSURE HOSE
47	9020-3416	1	HYDRAULIC LINE
48	9060-1697	1	CHECK VALVE
49	9002-7485	2	HIGH PRESSURE HOSE
50	9040-2541	1	PIN

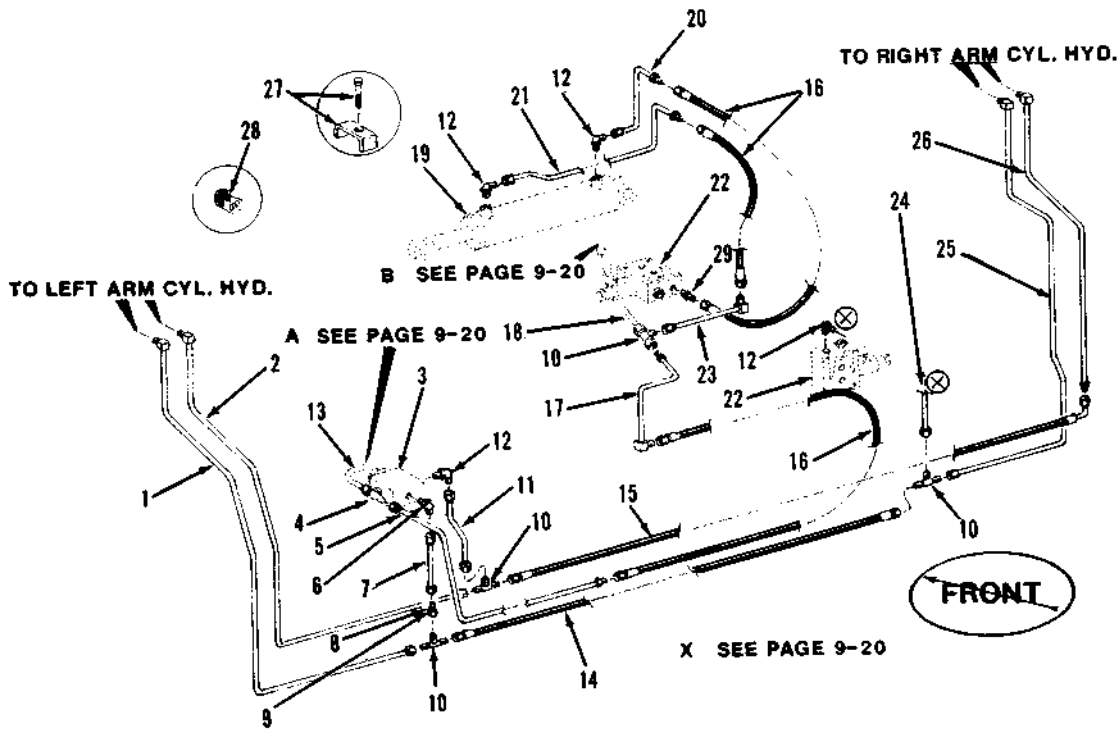


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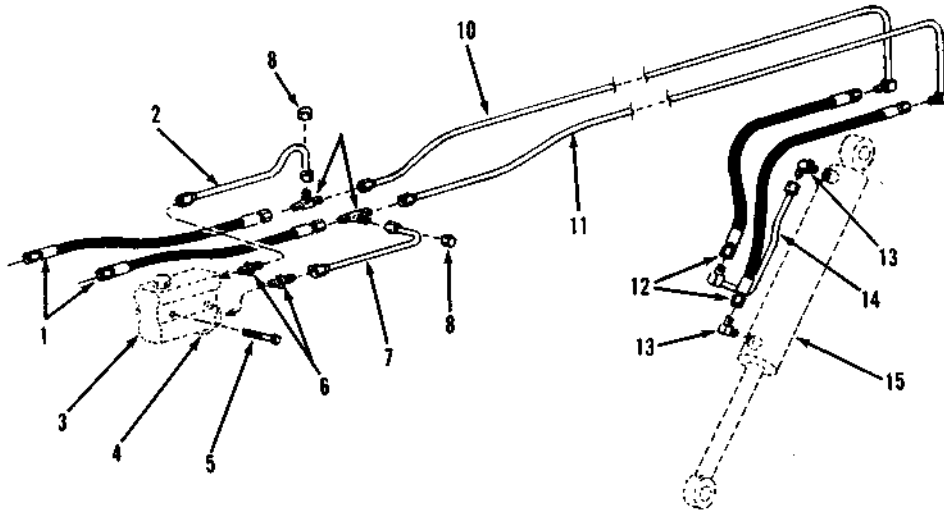
O SEE PAGE 9-22

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9080-0021	2	ARM LIFT CYLINDER (see page 10 - 16 for breakdown)	10	8874-3041	4	MALE ELBOW, 90 DEGREES 1/8 X 1/4 TUBE
2	8866-2065	4	ELBOW, 90 DEGREES, (includes o ring)	11	8866-1341	2	TUBE END REDUCER, 1/2 X 1/4
	8859-1205	4	O RING	12	8866-1406	2	TUBE NET, 1/2
3	9060-1889	2	HYDRAULIC LINE	13	9060-1891	2	HYDRAULIC LINE
4	9060-1890	7	HYDRAULIC LINE	14	8866-1067	2	ELBOW, 90 DEGREES (includes o ring)
5	9060-0130	2	VALVE BLOCK		8859-1207	2	O RING
	9060-0727	2	VALVE CARTRIDGE	15	8866-1346	2	TUBE END REDUCER, 3/4 X 1/2
	8820-1540	8	HEX HD CAPSCREW, 3/8-24 X 2 1/2, GR5	16	8866-1408	2	TUBE NUT, 3/4
6	8859-1022	2	O RING	17	9002-7645	2	ADJUSTABLE TEE
7	9040-1987	2	FITTING (with tapped hole)	18	9020-5123	1	HIGH PRESSURE HOSE
8	9002-7906	2	90 DEGREES ELBOW	19	9060-1898	1	HYDRAULIC LINE
9	9060-2051	3	COUNTERBALANCE VALVE	20	8866-2225	1	SWIVEL NUT BRANCH TEE 1/2" TUBE

Item	Part No.	Qty.	Description Of Part
21	9002-7678	1	ELBOW, 90 DEGREES SWIVEL
22	9002-7641	1	CONNECTOR
23	8368-3211	1	FLOW DIVIDER VALVE
	8820-1023	2	HEX HD CAPSCREW, 5/16-18 X 1 3/4, GR5
	8856-1108	4	FLAT WASHER 5/16
24	9002-7752	2	CONNECTOR
25	9020-5122	1	HIGH PRESSURE HOSE
26	9020-5124	1	HIGH PRESSURE HOSE
27	8866-2240	1	SWIVEL NUT RUN TEE 1/2 TUBE
28	9060-1906	1	HYDRAULIC LINE
29	9020-5120	2	HIGH PRESSURE HOSE
30	9060-1903	2	HYDRAULIC LINE
31	9060-1968	1	HYDRAULIC LINE
32	9060-1879	2	SOLENOID VALVE (for breakdown see page 10-21.1)
	8820-1028	6	HEX HD CAPSCREW, 5/16-18 X 3, GR5
	8856-1108	6	FLAT WASHER, 5/16
	8850-1005	6	HEX NUT, 5/16 - 18
33	9002-2042	1	HIGH PRESSURE HOSE
34	9060-1970	1	HYDRAULIC LINE
35	8866-2006	2	CONNECTOR (includes o ring)
	8859-1205	2	O RING
36	3366-1306	1	UNION TEE, 1/2 TUBE
37	9020-7792	1	HYDRAULIC LINE
38	9020-5128	1	HIGH PRESSURE HOSE
39	9020-0483	AR	LINE CLAMP
	9020-2285	AR	LINE CLAMP
	8820-1035	AR	HEX HD CAPSCREW, 3/8-16 X 1, GR5
	8820-1038	AR	HEX HD CAPSCREW, 3/8-16 X 1 3/4, GR5
	8850-1006	AR	HEX NUT, 3/8 - 16
40	8511-1214	AR	HOSE CLAMP
41	9040-2781	2	VALVE MOUNTING BRACKET
42	8820-1009	4	HEX HD CAPSCREW, 1/4-20 X 2, GR5
	8850-1004	4	HEX NUT, 1/4 - 20
43	8820-1541	8	HEX HD CAPSCREW, 3/8-24 X 2 3/4, GR5
44	7713-1088	2	90 DEGREES ADJUSTABLE ELBOW
45	9020-7793	1	HYDRAULIC LINE
46	9020-7794	1	HYDRAULIC LINE
47	9020-6664	1	SOLENOID VALVE

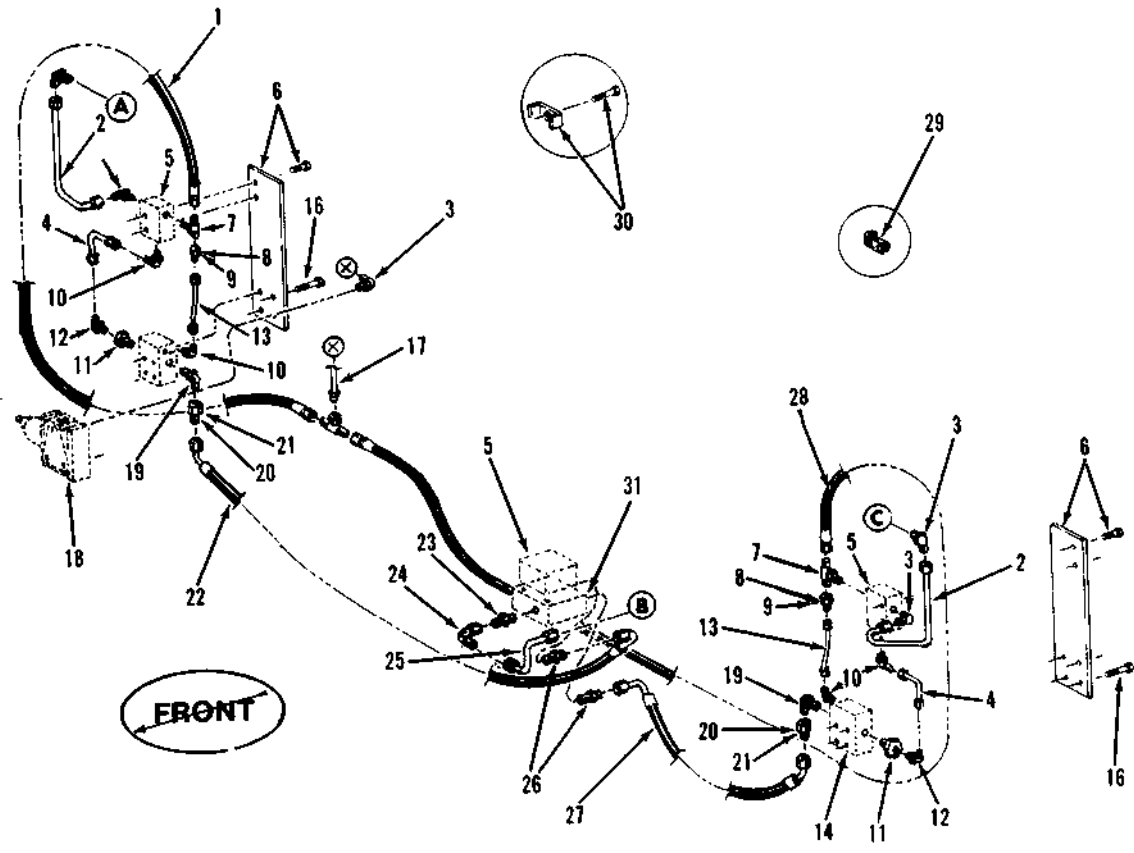


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9060-1892	1	HYDRAULIC LINE	18	9060-1906	1	HYDRAULIC LINE
2	9060-1893	1	HYDRAULIC LINE	19	9080-0692	1	SIDE SHIFT CYLINDER (see page 10-15)
3	9060-2051	1	COUNTERBALANCE VALVE	20	9060-1371	1	HYDRAULIC LINE
4	8866-2225	1	SWIVEL NUT BRANCH TEE 1/2 TUBE	21	9060-1372	1	HYDRAULIC LINE
5	9060-1909	1	HYDRAULIC LINE	22	9060-1879	2	COUNTERBALANCE VALVE (see page 10-21)
6	9002-7906	1	ELBOW, 90 DEGREES ADJUSTABLE	23	9060-1907	1	HYDRAULIC LINE
7	9060-1900	1	HYDRAULIC LINE	24	9020-7794	1	HYDRAULIC LINE
8	8866-1341	1	TUBE END REDUCER, 1/2 X 1/4	25	9060-1895	1	HYDRAULIC LINE
9	9003-0377	1	NUT	26	9060-1894	1	HYDRAULIC LINE
10	8866-2240	3	SWIVEL NUT RUN TEE 1/2 TUBE	27	9020-0483	AR	LINE CLAMP
11	9060-1901	1	HYDRAULIC LINE		9002-2285	AR	LINE CLAMP
12	8866-2065	4	ELBOW, 90 DEGREES (includes o ring)		8820-1035	AR	HEX HD CAPSCREW, 3/8-16 X 1, GR5
	8859-1205	4	O RING		8820-1038	AR	HEX HD CAPSCREW, 3/8-16 X 1 3/4, GR5
13	9060-1898	1	HYDRAULIC LINE		8850-1006	AR	HEX NUT, 3/8 - 16
14	9020-5125	1	HIGH PRESSURE HOSE	28	8511-1214	AR	HOSE CLAMP
15	9020-5126	1	HIGH PRESSURE HOSE	29	8866-2006	1	CONNECTOR (includes o ring)
16	9002-2042	3	HIGH PRESSURE HOSE		8859-1205	1	O RING
17	9060-1908	1	HYDRAULIC LINE				

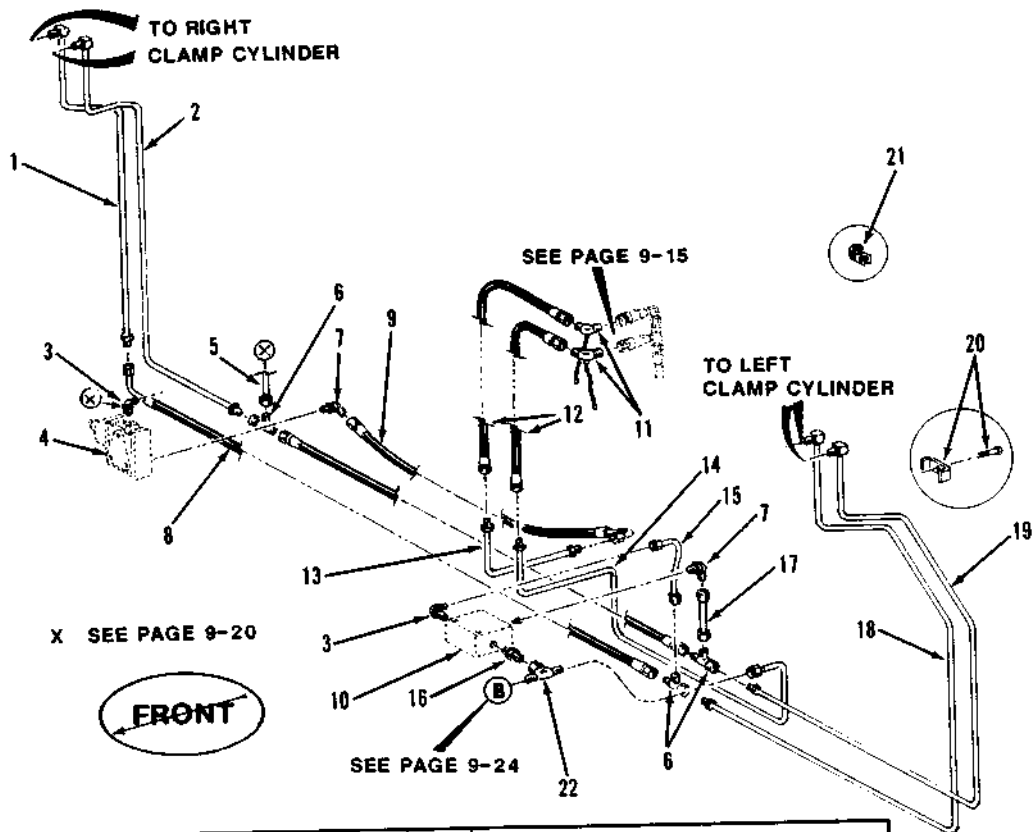


Item	Part No.	Qty.	Description Of Part
1	9002-2042	2	HIGH PRESSURE HOSE
2	9060-1361	1	HYDRAULIC LINE (used only on right arm hydraulics)
3	9060-1629	1	CROSSOVER RELIEF VALVE (see page 10-10)
4	8871-1253	2	SQ.HD PIPE PLUG, 1/2
5	8820-1038	2	HEX HD CAPSCREW, 3/8-16 X 1 3/4, GR5
6	9002-7752	2	ADAPTER
7	9060-1632	1	HYDRAULIC LINE (used only on right arm hydraulics)
8	8866-1365	2	HEX CAP, 1/2 TUBE (used in place of items 2 & 7 on left arm hyd.)
9	8866-1306	2	UNION TEE, 1/2 TUBE
10	9060-1357	1	HYDRAULIC LINE
11	9060-1356	1	HYDRAULIC LINE
12	9002-2042	2	HIGH PRESSURE HOSE
13	9002-6942	2	90 DEGREES ELBOW
14	9060-1364	1	HYDRAULIC LINE
15	9080-2004	1	ARM CLAMP CYLINDER (see page 10-8)

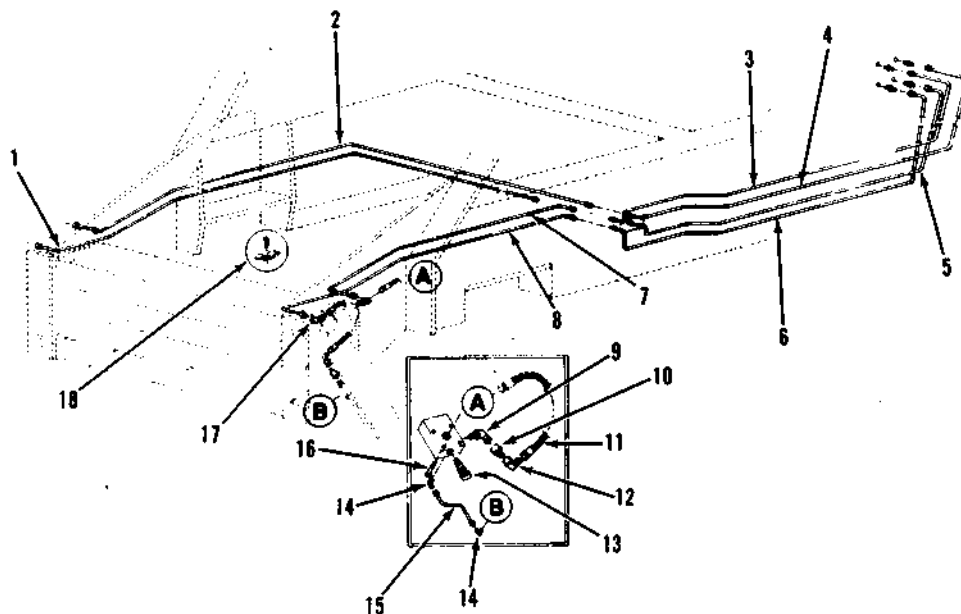
- A TO RIGHT GRAPPLE ARM CYLINDER
- B SEE PAGE 9-15
- C TO LEFT GRAPPLE ARM CYLINDER
- X SEE PAGE 9-20



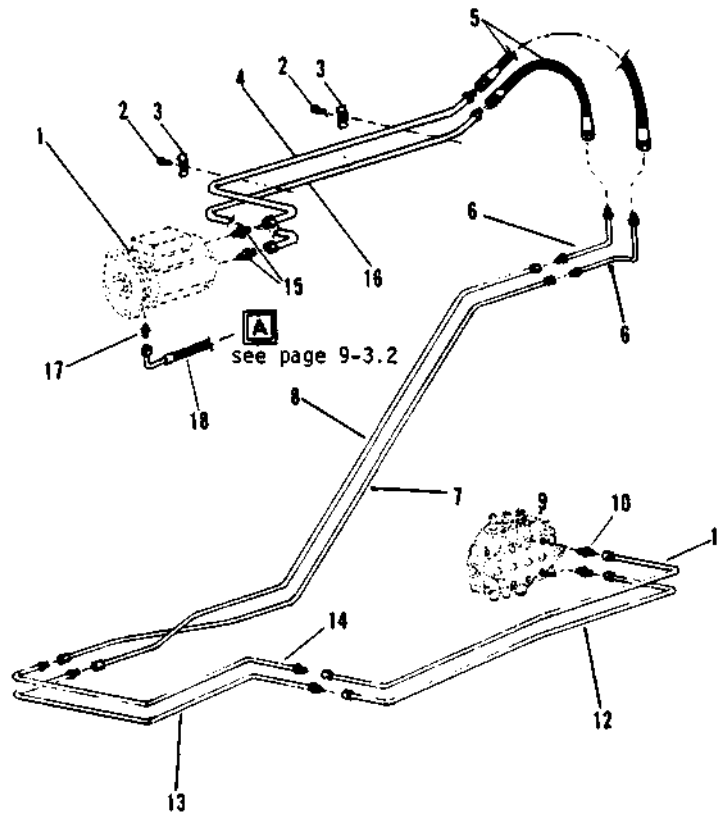
Item	Part No.	Qty.	Description Of Part
1	9020-5128	1	HIGH PRESSURE HOSE
2	9060-1889	2	HYDRAULIC LINE
3	8866-2065	5	ELBOW 90 DEGREES (includes o ring)
	8859-1205	5	O RING
4	9060-1890	2	HYDRAULIC LINE
5	9060-2051	3	COUNTERBALANCE VALVE
6	9040-2781	2	VALVE MOUNTING BRACKET
	8820-1009	4	HEX HD CAPSCREW, 1/4-20 X 2, GR5
	8850-1004	4	HEX NUT, 1/4 - 20
7	8866-2153	2	BRANCH TEE (includes o ring)
	8859-1205	2	O RING
8	8866-1341	2	TUBE END REDUCER, 1/2 X 1/4
9	9002-6377	2	
10	8874-3041	4	MALE ELBOW, 90 DEGREES, 1/8 X 1/4 TUBE
11	9040-1987	2	FITTING (with tapped hole)
12	9002-7906	2	90 DEGREES ELBOW
13	9060-1891	2	HYDRAULIC LINE
14	9040-0066	2	VALVE BLOCK
	9060-0727	2	VALVE CARTRIDGE
	8820-1540	4	HEX HD CAPSCREW, 3/8-24 X 2 1/2, GR5
15	8859-1022	2	O RING (valve block to arm cylinder not shown)
16	8820-1541	8	HEX HD CAPSCREW, 3/8-24 X 2 3/4, GR5
17	9020-7792	1	HYDRAULIC LINE
18	9060-1879	1	SOLENOID VALVE (see page 10-21.1)
	8820-1028	3	HEX HD CAPSCREW, 5/16-18 X 3, GR5
	8850-1005	3	HEX NUT, 5/16 - 18
	8856-1108	3	FLAT WASHER, 5/16
19	8866-2067	2	ELBOW 90 DEGREES (includes o ring)
	885901207	2	O RING
20	8866-1346	2	TUBE END REDUCER, 3/4 X 1/2
21	8866-1408	2	TUBE NUT, 3/4
22	9020-5124	2	HIGH PRESSURE HOSE
23	9002-7641	1	CONNECTOR
24	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
25	9060-1898	1	HYDRAULIC LINE
26	9002-7752	2	CONNECTOR
27	9020-5122	1	HIGH PRESSURE HOSE
28	9020-5123	1	HIGH PRESSURE HOSE
29	3511-1214	AR	HOSE CLAMP
30	9020-0483	AR	LINE CLAMP
	9020-2285	AR	LINE CLAMP
	8820-1035	AR	HEX HD CAPSCREW, 3/8-16 X 1, GR5
	8820-1038	AR	HEX HD CAPSCREW, 3/8-16 X 1 3/4, GR5
	8850-1006	AR	HEX NUT, 3/8 - 16
31	8368-3211	1	FLOW DIVIDER VALVE



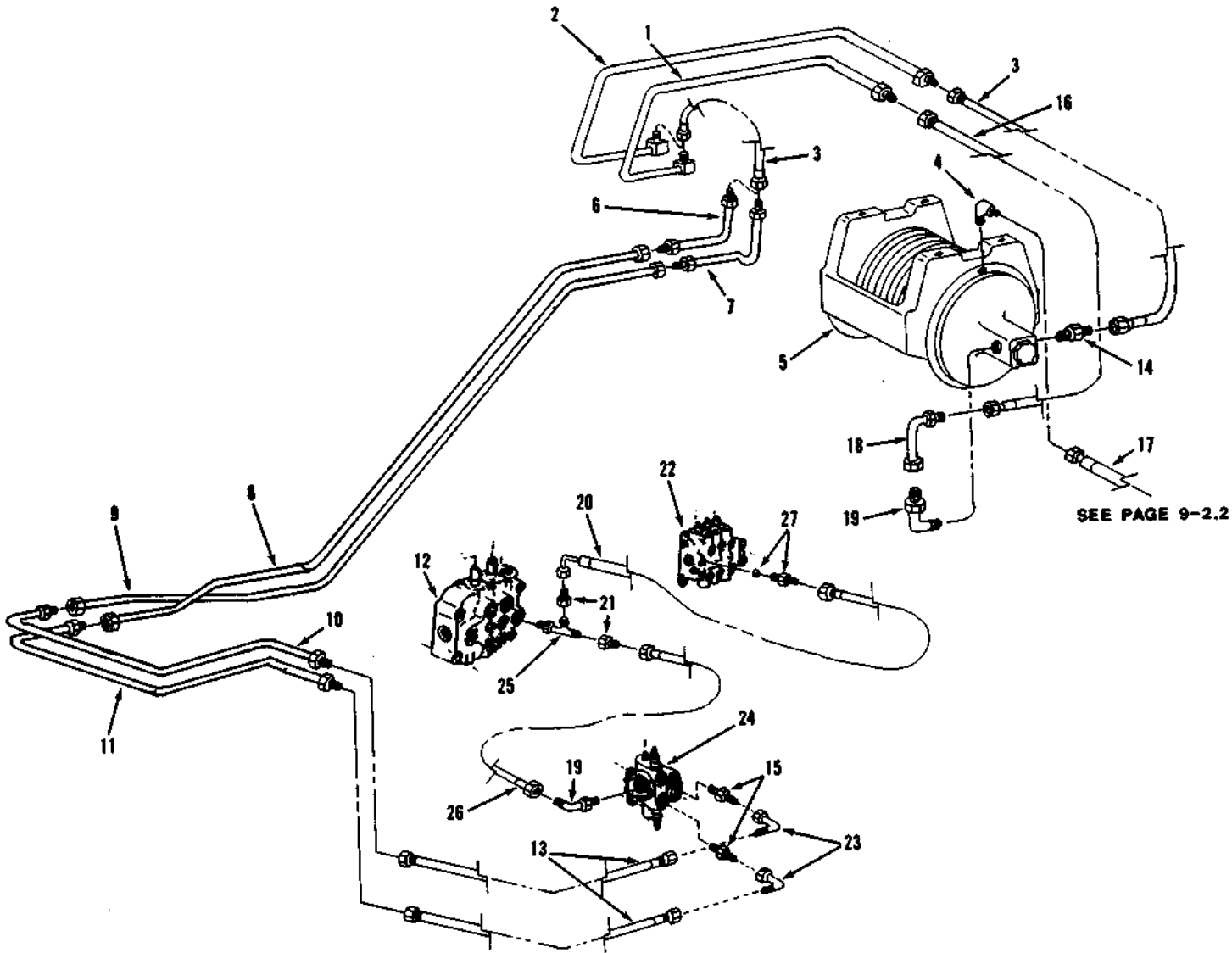
Item	Part No.	Qty.	Description Of Part
1	9060-1894	1	HYDRAULIC LINE
2	9060-1895	1	HYDRAULIC LINE
3	8866-2065	3	ELBOW 90 DEGREES (includes o ring)
	8859-1205	3	O RING
4	9060-1879	2	SOLENOID VALVE (see page 10-21.1)
5	9020-7794	1	HYDRAULIC LINE
6	8866-2240	3	SWIVEL NUT RUN TEE 1/2 TUBE
7	9002-7906	2	90 DEGREES ADJUSTABLE ELBOW
8	9020-5126	1	HIGH PRESSURE HOSE
9	9020-5127	1	HIGH PRESSURE HOSE
10	9060-2051	1	CHECK VALVE
11	9020-3286	2	90 DEGREES ELBOW (special)
12	9002-2042	2	HIGH PRESSURE HOSE
13	9060-1902	1	HYDRAULIC LINE
14	9060-1899	1	HYDRAULIC LINE
15	9060-1901	1	HYDRAULIC LINE
16	8866-2006	1	CONNECTOR (includes o ring)
17	8859-1205	1	O RING
17	9060-1900	1	HYDRAULIC LINE
18	9060-1893	1	HYDRAULIC LINE
19	9060-1892	1	HYDRAULIC LINE
20	9020-0483	AR	LINE CLAMP
	9020-2285	AR	LINE CLAMP
	8820-1035	AR	HEX HD CAPSCREW, 3/8-16 X 1, GR5
	8820-1038	AR	HEX HD CAPSCREW, 3/8-16 X 1 3/4, GR5
	8850-1006	AR	HEX NUT, 3/8 - 16
21	8511-1214	AR	HOSE CLAMP
22	8866-2225	1	SWIVEL NUT BRANCH TEE 1/2 TUBE



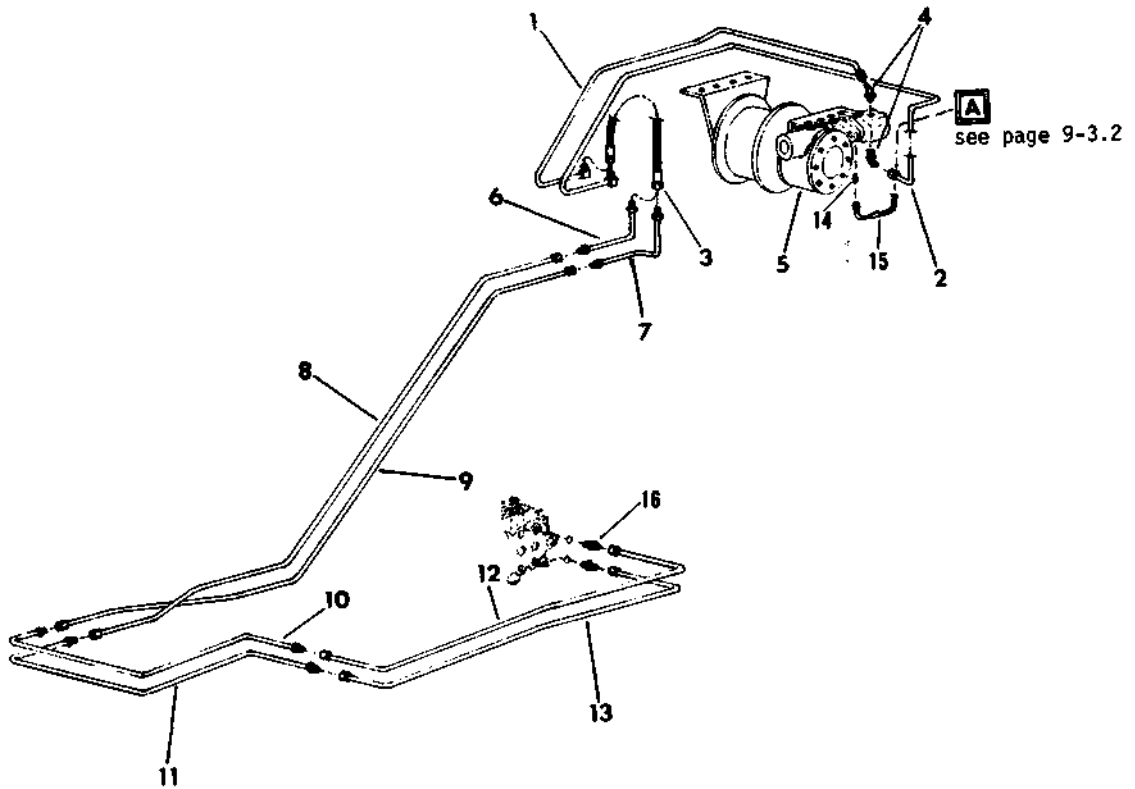
Item	Part No.	Qty.	Description Of Part
1	9060-1118	1	HYDRAULIC LINE
2	9060-1117	1	HYDRAULIC LINE
3	9060-0726	1	HYDRAULIC LINE
4	9060-0724	1	HYDRAULIC LINE
5	9060-0723	1	HYDRAULIC LINE
6	9060-0725	1	HYDRAULIC LINE
7	9060-1120	1	HYDRAULIC LINE
8	9060-1119	1	HYDRAULIC LINE
9	8866-2067	2	ELBOW - 90 DEGREES (INCLUDES "O" RING
	8859-1207	2	"O" RING
10	8866-1346	4	TUBE END REDUCER 3/8X1/4
	9002-6646	4	TUBE NUT
11	9002-2042	4	HOSE
12	8866-2106	4	ELBOW - 90 DEGREES (SWIVEL NUT)
13	9040-0066	2	VALVE BLOCK
	9060-0727	2	PILOT VALVE CARTRIDGE
	8859-1022	2	"O" RING
14	8874-3041	4	MALE ELBOW - 90 DEGREES
		2	1/8X1/4 TUBE
15	9060-1018	2	PILOT LINE
16	8820-1540		HEX HEAD CAPSCREW 3/8-24X2-1/2 (GRADE 5)
17	9002-7609	4	SWIVEL FITTING
18	9020-0483	AR	CLAMP
	8820-1035	AR	HEX HEAD CAPSCREW 3/8-16X1 (GRADE 5)
19	9060-0717	1	VALVE (SEE PAGE 10-21)



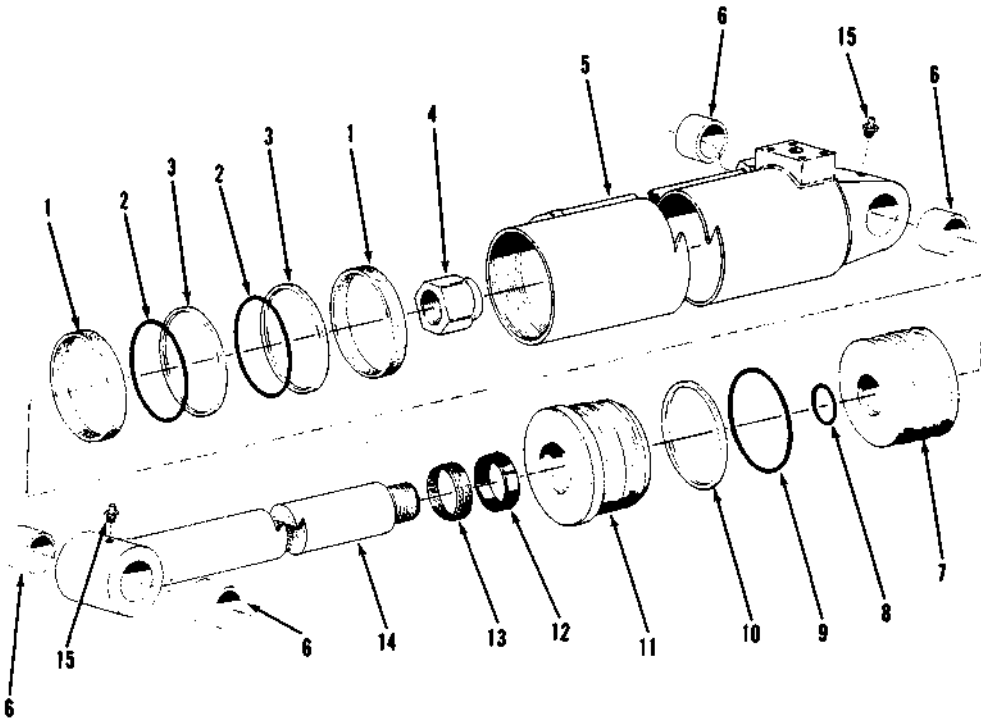
Item	Part No.	Qty.	Description Of Part
1	9041-0292	1	MOTOR, winch (see page 10-22)
2	8820-1036	5	BOLT
3	9020-0482	5	CLAMP
4	9060-0384	1	LINE, hydraulic
5	9002-2045	2	HOSE
6	9060-0343	2	LINE, hydraulic
7	9020-5989	1	LINE, hydraulic
8	9020-5988	1	LINE, hydraulic
9	9060-1829	1	MAIN VALVE
10	8866-2010	2	FITTING
11	9060-1848	1	LINE, hydraulic
12	9060-1847	1	LINE, hydraulic
13	9060-5990	1	LINE, hydraulic
14	9060-1852	1	LINE, hydraulic
15	8866-2027	2	FITTING
16	9060-0385	1	LINE, hydraulic
17	8866-1004	1	FITTING
18	9102-3046	1	HOSE, case drain



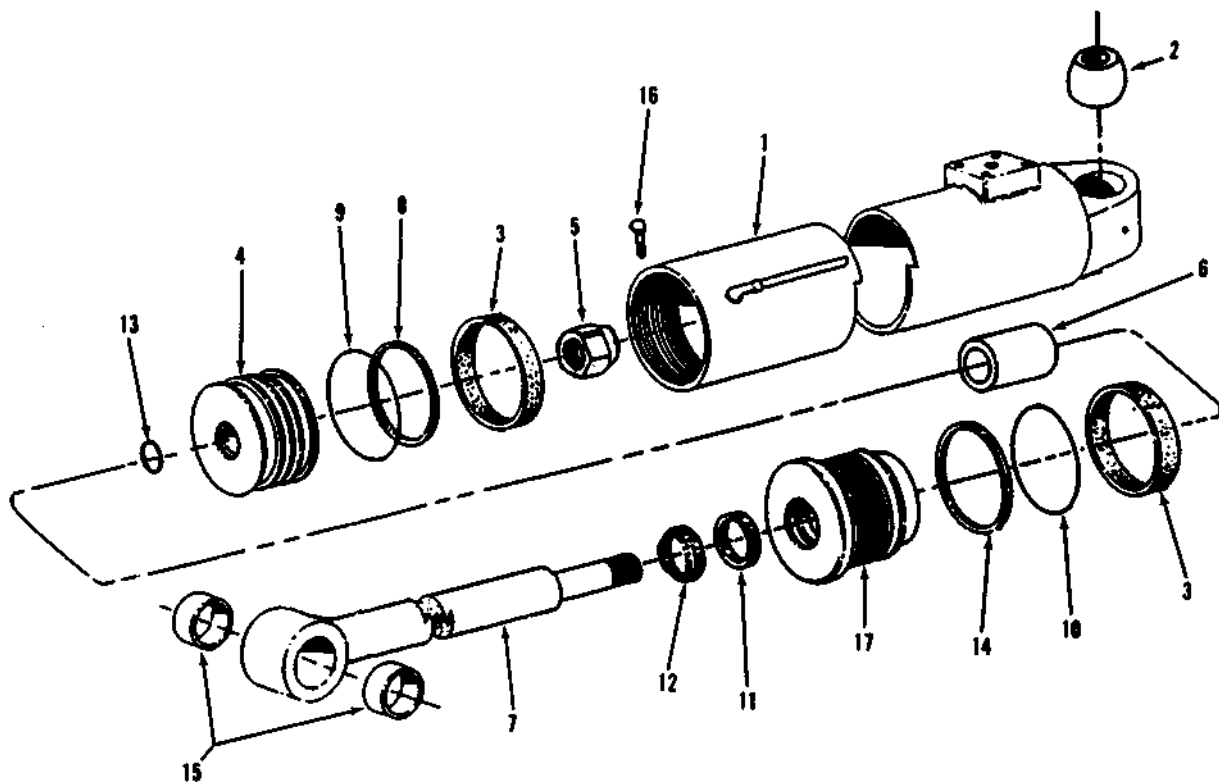
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9102-3053	1	TUBE ASSY	16	8471-6247	1	HOSE ASSY
2	9102-3054	1	TUBE ASSY	17	8471-6377	1	HOSE ASSY
3	9002-2044	3	HOSE ASSY	18	8366-1260	1	SWIVEL NUT ELBOW
4	8866-1114	1	MALE ELBOW - 90 DEGREES	19	8866-2061	3	ELBOW - 90 DEGREES (includes o ring)
5		Ref	WINCH (see page 4-5 for breakdown)		8859-1209	3	O RING
6	9060-1178	1	TUBE ASSY	20	8471-6867	1	HOSE ASSY
7	9060-1179	1	TUBE ASSY	21	8866-1347	2	TUBE END REDUCER 1 x 3/4
8	9020-5988	1	TUBE ASSY	22		Ref	AUXILIARY VALVE (see page 10-21 for details)
9	9020-5989	1	TUBE ASSY	23	8866-2108	2	ELBOW - 90 DEG (swivel nut)
10	9060-1852	1	TUBE ASSY	24		Ref	WINCH VALVE (see page 10-25 for details)
11	9020-5990	1	TUBE ASSY	25	8866-2144	1	RUN TEE (includes o ring)
12		Ref	CONTROL VALVE (see page 10-19 for breakdown)		8859-1209	1	O RING
13	7713-3352	2	HOSE ASSY	26	8471-6766	1	HOSE ASSY
14	8866-2025	1	CONNECTOR (includes o ring)	27	8866-2007	1	CONNECTOR (includes o ring)
	8859-1209	1	O RING		8859-1206	1	O RING
15	8866-2008	2	CONNECTOR (includes o ring)				



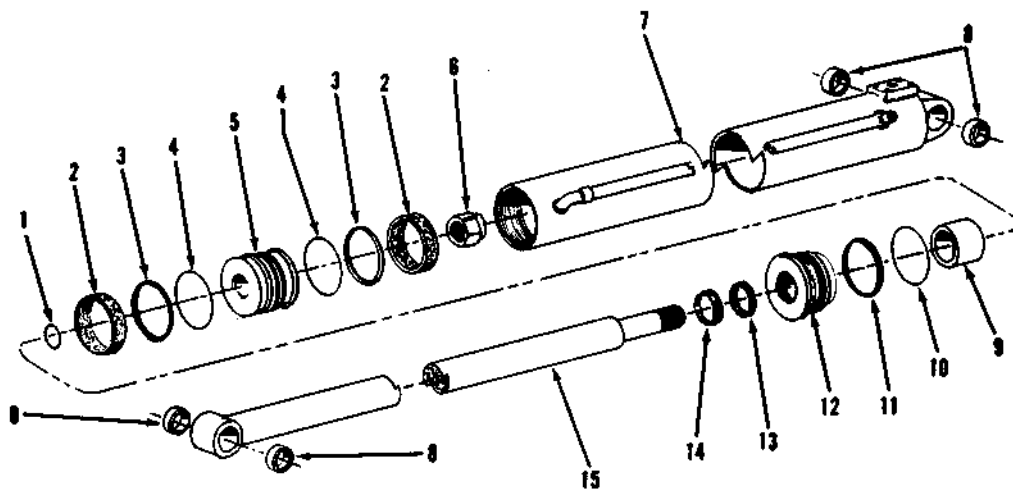
Item	Part No.	Qty.	Description Of Part
1	9020-5505	1	LINE, hydraulic
2	9020-5504	1	LINE, hydraulic
3	9002-2044	2	HOSE, high pressure
4	8866-2061	2	ELBOW, 90 degree adjustable
5			WINCH (see page 4-5)
6	9060-1178	1	LINE, hydraulic
7	9060-1179	1	LINE, hydraulic
8	9020-5988	1	LINE, hydraulic
9	9020-5989	1	LINE, hydraulic
10	9060-1852	1	LINE, hydraulic
11	9020-5990	1	LINE, hydraulic
12	9060-1848	1	LINE, hydraulic
13	9060-1847	1	LINE, hydraulic
14	8866-1004	1	FITTING
15	9101-3025	1	HOSE, case drain
16	8866-2010	2	ADAPTER



Item	Part No.	Qty.	Description Of Part
	9080-0081	1	LIFT CYLINDER (7" bore 32" stroke)(includes all items)
	9020-0844	1	CYLINDER REPAIR KIT (includes items 1,2,3,8,9,10,12,13)
1	9002-2262	2	WEAR RING
2	9002-3361	2	PISTON O-RING
3	9002-2242	2	PISTON SEAL
4	9002-2234	1	NUT
5	9060-0181	1	BARREL ASSEMBLY
6	9002-2150	4	BUSHING
7	9040-0064	1	PISTON
8	8859-1106	1	O-RING
9	9002-3438	1	ROD BEARING O-RING
10	9002-5438	1	BACKUP RING
11	9040-0059	1	ROD BEARING
12	9002-2252	1	ROD SEAL
13	9002-2282	1	WIPER RING
14	9040-0191	1	ROD ASSY
15	8867-1001	2	LUBE FITTING - STRAIGHT 1/8



Item	Part No.	Qty.	Description Of Part
	9101-3029		CROWD CYLINDER ASSY (includes all items)
	9101-4069		SEAL KIT (consists of items 3,8,9,10,11,12,13 & 14)
1	9101-4063	1	BARREL ASSY (includes item 2)
2	9101-3028	1	BEARING
3		2	WEAR RING
4	9101-4065	1	PISTON ASSY (includes items 10, 11,12, & 14)
5	9101-4066	1	NUT
6	9101-4067	1	STROKE LIMITER
7	9101-4064	1	ROD ASSY (includes item 15)
8		1	PISTON SEAL
9		1	O RING
10		1	O RING
11		1	ROD SEAL
12		1	WIPER RING
13		1	O RING
14		1	BACKUP RING
15		2	BUSHING
16	9101-4068	1	CAPSCREW
17	9104-4018	1	ROD BEARING ASSY (includes items 8 & 9)

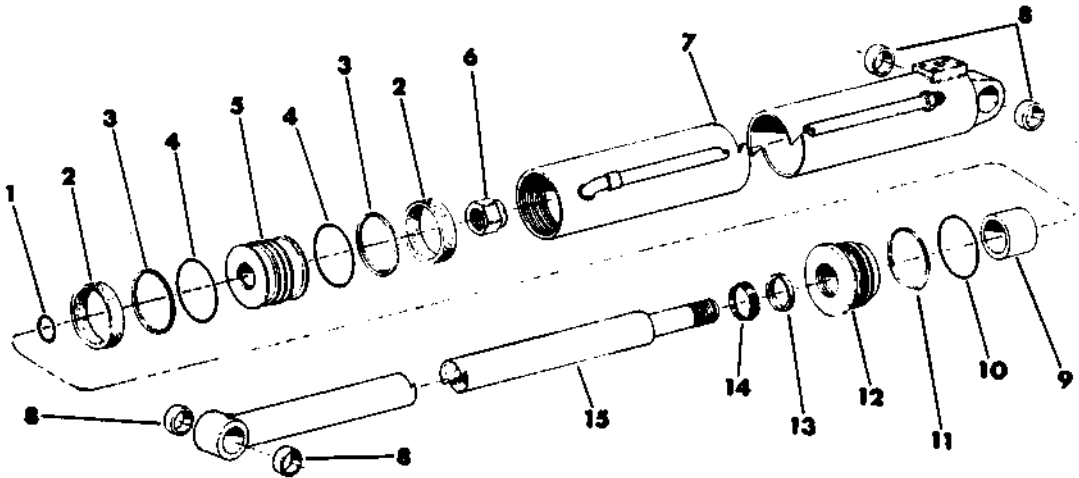


Item	Part No.	Qty.	Description Of Part
	9080-1227		CROWD CYLINDER ASSY (includes all items)
	9100-4001		SEAL KIT (consists of items 1,2,3,4,10,11,13 & 14)
1		1	O RING
2		2	WEAR RING
3		2	PISTON SEAL
4		2	O RING
5	9101-4060	1	PISTON ASSY (includes items 2,3, & 4)
6	9002-2233	1	NUT
7	9101-4062	1	BARREL ASSY (includes item 8)
8	9020-7326	4	BUSHING
9	9020-1929	1	STROKE LIMITER
10		1	O RING
11		1	BACKUP RING
12	9101-4061	1	ROD BEARING ASSY (includes items 10 & 11)
13		1	ROD SEAL
14		1	WIPER RING
15	9101-4059	1	ROD ASSY (includes item 8)
			NOTE: ONLY PART NUMBERED ITEMS ARE AVAILABLE FOR SERVICE REPLACEMENT.

Item	Part No.	Qty.	Description Of Part
	9080-0499		CROWD CYLINDER ASSY (includes all items)
	9020-0842		SEAL KIT (consists of items 1,2,3,4,10,11,13 & 14)
1		1	O RING
2		2	WEAR RING
3		2	PISTON SEAL
4		2	O RING
5	9040-0087	1	PISTON
6	9002-2233	1	NUT
7	9040-1547	1	BARREL
8	9020-7326	4	BUSHING
9	9020-1929	1	STROKE LIMITER
10		1	O RING
11		1	BACKUP RING
12	9040-0060	1	ROD BEARING
13		1	ROD SEAL
14		1	WIPER RING
15	9040-0282	1	PISTON ROD
			NOTE: ONLY PART NUMBERED ITEMS ARE AVAILABLE FOR SERVICE REPLACEMENT.

CROWD CYLINDER

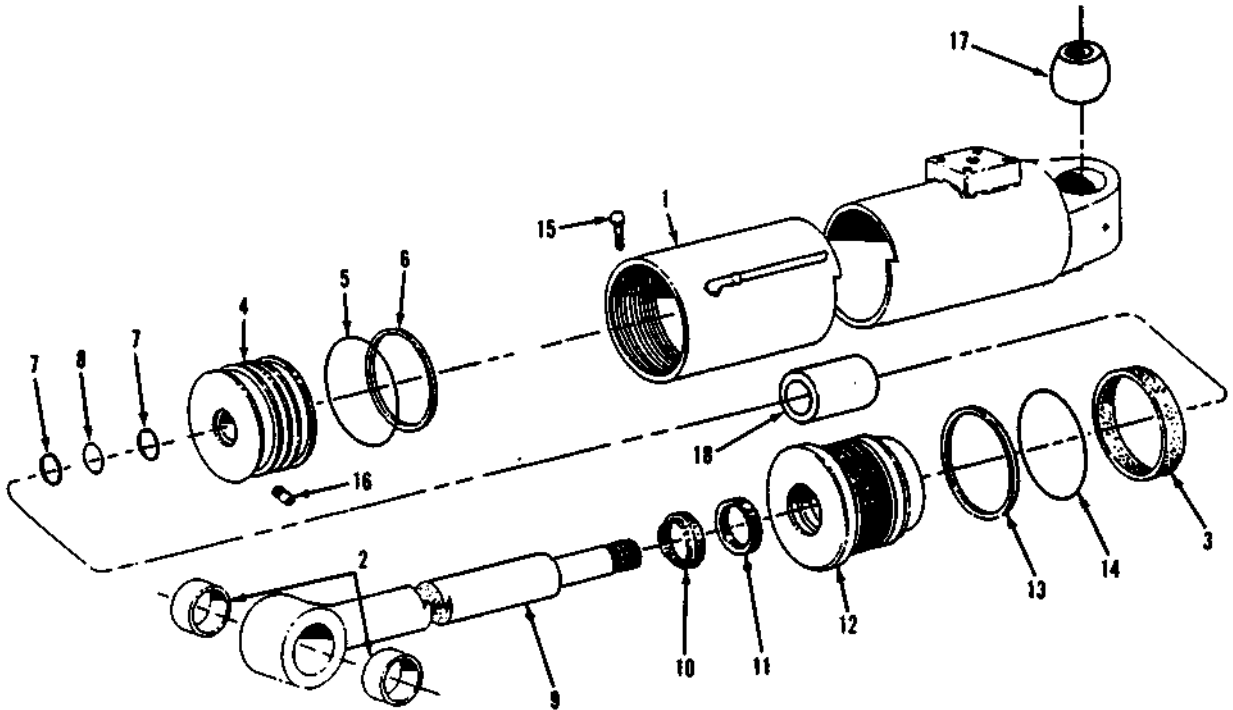
ALL 35 BOOMS



KEY:

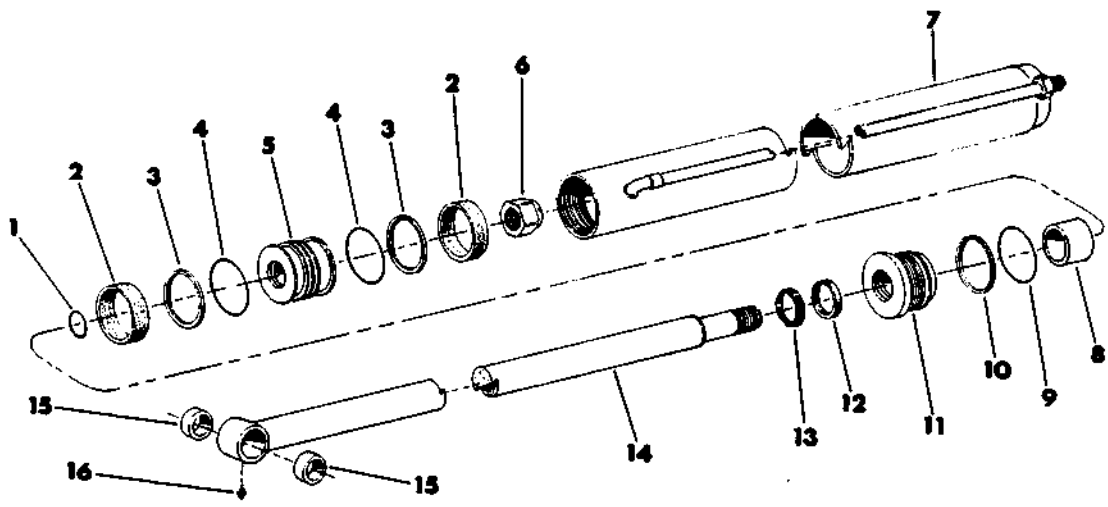
- A - 800-499 Units without crowd cylinder mount on 3rd
- B - 801-227 Units with crowd cylinder mount on 3rd

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
--	800-499	CYLINDER, crowd - 6" bore, 108" stroke	-	-
1	023-224	"O" RING, piston rod	1	1
2	022-261	RING, wear	2	2
3	022-241	SEAL, piston	2	2
4	023-253	"O" RING	2	2
5	400-087	PISTON	1	1
6	022-233	NUT.	1	1
7	401-547	BARREL	1	1
8	027-528	BUSHING.	4	2
9	201-929	SPACER	1	1
10	023-433	"O" RING, rod bearing.	1	1
11	024-433	RING, backup	1	1
12	400-060	BEARING, rod	1	1
13	022-251	SEAL, rod.	1	1
14	022-281	RING, wiper.	1	1
15	400-282	ROD, piston.	1	-
--	200-842	KIT, cylinder repair (consists of items 1, 2, 3, 4, 10, 11, 13 and 14)	-	1



Item	Part No.	Qty.	Description Of Part
	9101-3027		CROWD CYLINDER ASSY (includes all items)
	9103-4225		SEAL KIT (consists of items 3, 5, 6, 7, 8, 10, 11, 13 & 14)
1	9103-4226	1	BARREL ASSY (includes item 17)
2	9002-7528	2	BUSHING
3		1	WEAR RING
4	9103-4228	1	PISTON ASSY (includes items 5 & 6)
5		1	O RING
6		1	PISTON SEAL
7		2	BACKUP RING
8		1	O RING
9	9103-4227	1	ROD ASSY (includes item 2)
10		1	WIPER RING
11		1	ROD SEAL
12	9103-4229	1	ROD BEARING ASSY (includes items 13 & 14)
13		1	BACKUP RING
14		1	O RING
15	9104-4016	1	HEX HD SELF TAPPING SCREW
16	9104-4020	1	SET SCREW
17	9103-3028	1	BEARING
18	9103-4230	1	STROKE LIMITER

CROWD CYLINDER
SS & SL STYLE BOOMS

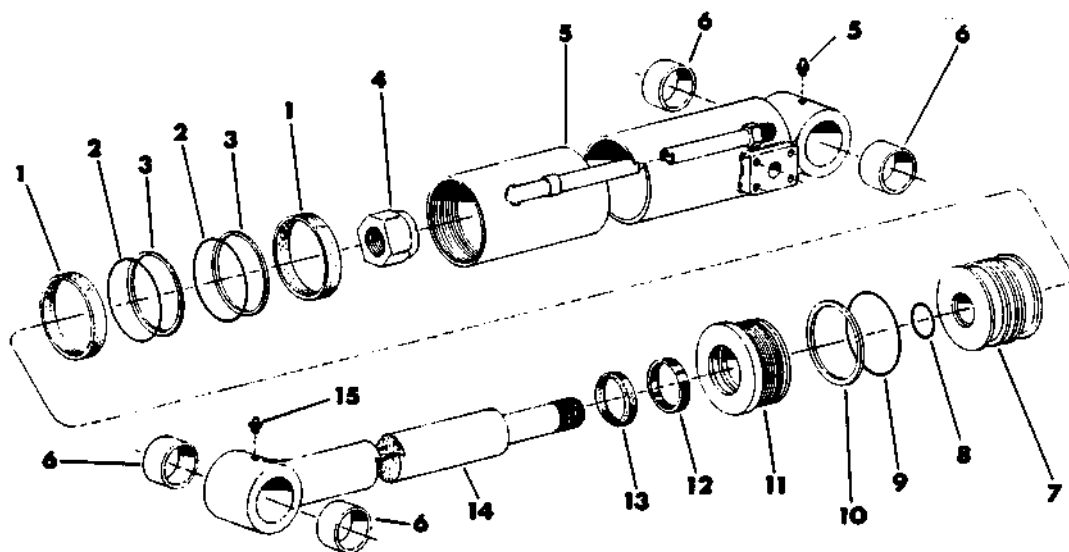


KEY:

- A - 800-004 CROWD CYLINDER, model 552 w/388 boom
- B - 800-060 CROWD CYLINDER, model 554 before s/n 329
- C - 800-271 CROWD CYLINDER, model 554 s/n 329 and after

REF.	PART NO.	DESCRIPTION	REQ'D		
			A	B	C
1	023-224	"O" RING, piston rod.	1	1	1
2	022-261	RING, wear.	2	2	2
3	022-241	SEAL, piston.	2	2	2
4	023-253	"O" RING, piston.	2	2	2
5	400-087	PISTON.	1	1	1
6	022-233	NUT	1	1	1
7	400-443	BARREL.	1	-	-
	400-078	BARREL.	-	1	1
8	200-157	SPACER.	1	1	1
9	023-433	"O" RING, rod bearing	1	1	1
10	024-433	RING, backup.	1	1	1
11	400-060	BEARING, rod.	1	1	1
12	022-251	SEAL, rod	1	1	1
13	022-281	RING, wiper	1	1	1
14	400-291	ROD, piston	1	1	1
	400-290	ROD, piston	-	1	1
15	022-143	BUSHING	-	2	-
16	022-217	FITTING, grease	-	1	-
--	200-842	KIT, cylinder repair - (consists of items 1,2,3,4, 9,10,12, and 13).	-	-	-

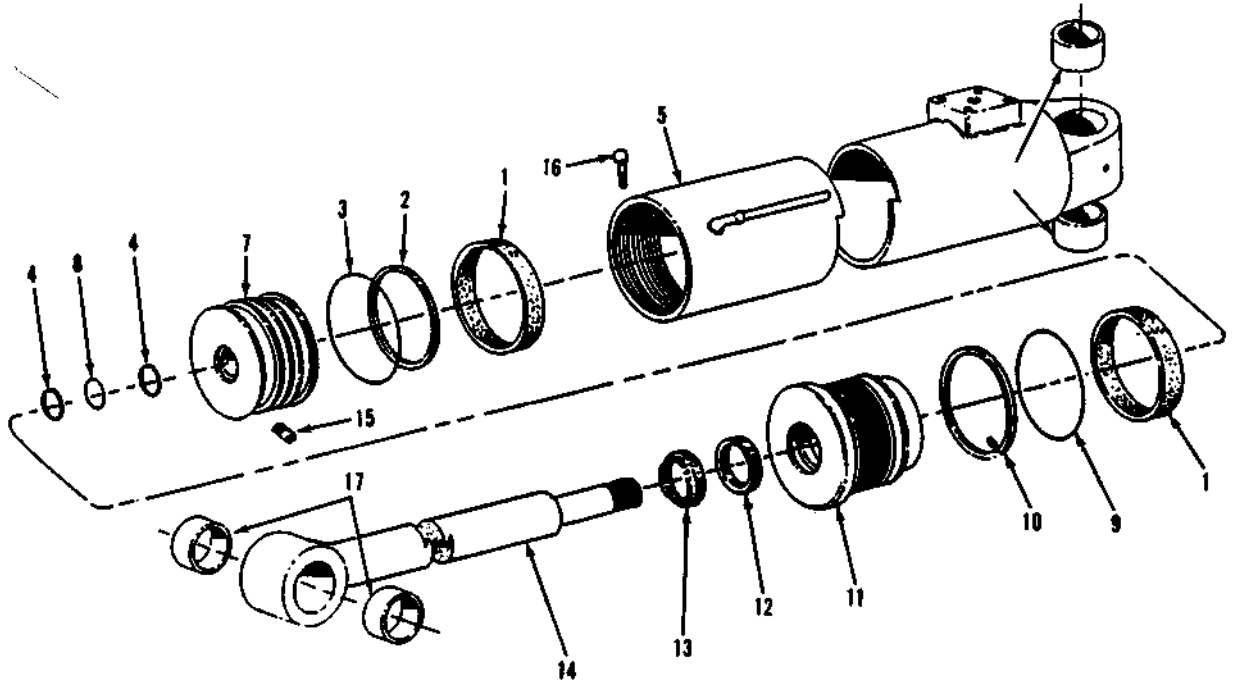
TILT CYLINDER



KEY:

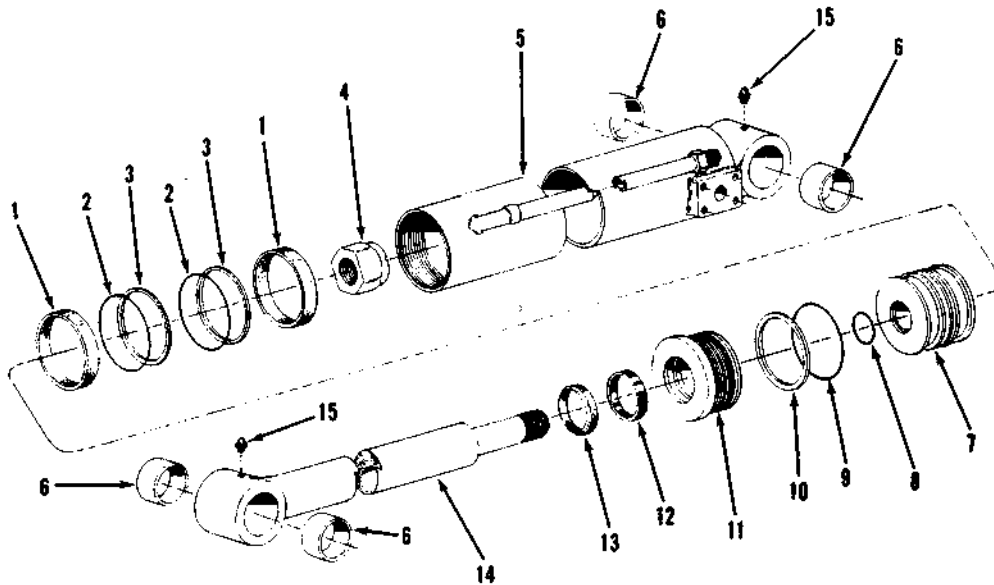
- A - 800-082 TILT CYLINDER, with universal head
- B - 800-084 TILT CYLINDER, all 3SL booms w/high reach head
- C - 800-085 TILT CYLINDER, all 2S booms w/head extension
- D - 800-086 TILT CYLINDER, all 2S and 3S boom units

REF.	PART NO.	DESCRIPTION	REQ'D			
			A	B	C	D
1	022-262	RING, wear.	2	2	2	2
2	023-361	"O" RING.	2	2	2	2
3	022-242	SEAL, piston.	2	2	2	2
4	022-234	NUT	1	1	1	1
5	600-182	BARREL.	1	1	-	-
	600-185	BARREL.	-	-	1	-
	600-186	BARREL.	-	-	-	1
6	022-150	BUSHING	4	4	4	4
7	400-064	PISTON.	1	1	1	1
8	023-228	"O" RING, piston rod.	1	1	1	1
9	023-438	"O" RING, rod bearing	1	1	1	1
10	025-438	RING, backup.	1	1	1	1
11	400-059	BEARING, rod.	1	1	1	1
12	022-252	SEAL, rod	1	1	1	1
13	022-282	RING, wiper	1	1	1	1
14	400-192	ROD, piston	1	-	-	-
	400-194	ROD, piston	-	1	-	-
	400-195	ROD, piston	-	-	1	1
15	022-217	FITTING, grease	2	2	2	2
--	200-844	KIT, cylinder repair (consists of items 1, 2, 3, 8, 9, 10, 12, and 13)	-	-	-	-

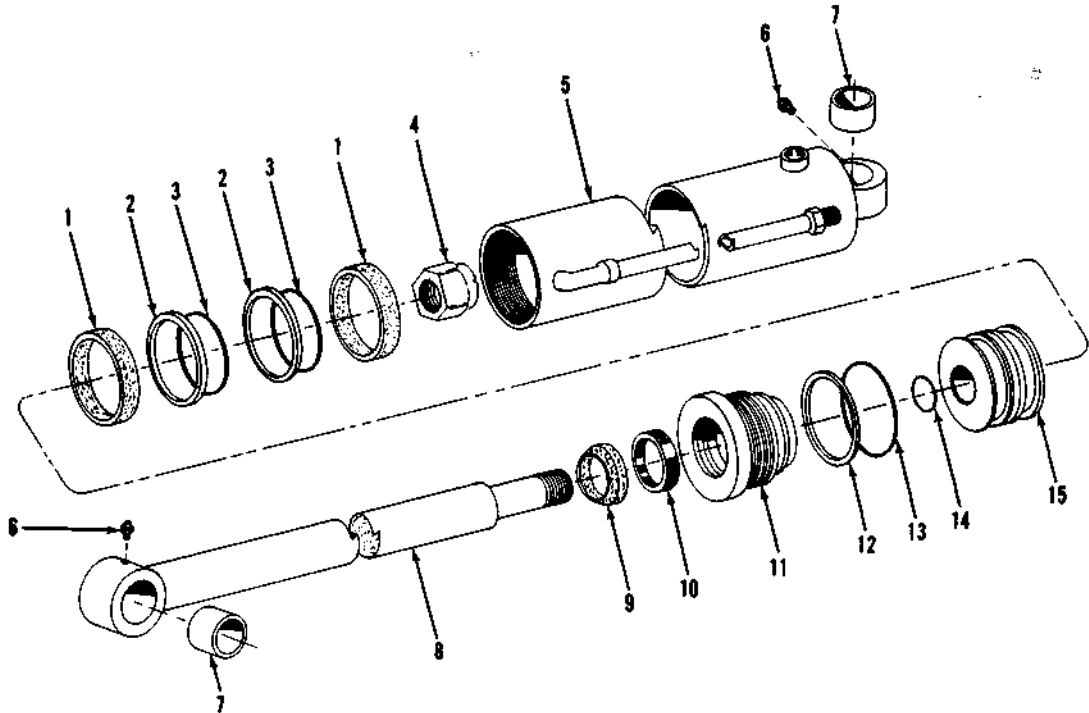


Item	Part No.	Qty.	Description Of Part
	9101-3030		TILT CYLINDER ASSY (includes all items)
	9103-4231		SEAL KIT (consists of items 1,2,3,4,8,9,10,12,13)
1		2	WEAR RING
2		1	PISTON SEAL
3		1	O RING
4		2	BACKUP RING
5	9103-4231	1	BARREL ASSY (includes item 6)
6	9002-2158	2	BUSHING
7	9103-4234	1	PISTON ASSY (includes items 2 & 3)
8		1	O RING
9		1	O RING
10		1	BACKUP RING
11	9103-4235	1	ROD BEARING ASSY (includes items 9 & 10)
12		1	ROD SEAL
13		1	WIPER RING
14	9103-4233	1	ROD ASSY (includes item 17)
15	9104-4067	1	SET SCREW
16	9104-4073	1	HEX HD SELF TAPPING SCREW
17	9002-2158	2	BUSHING

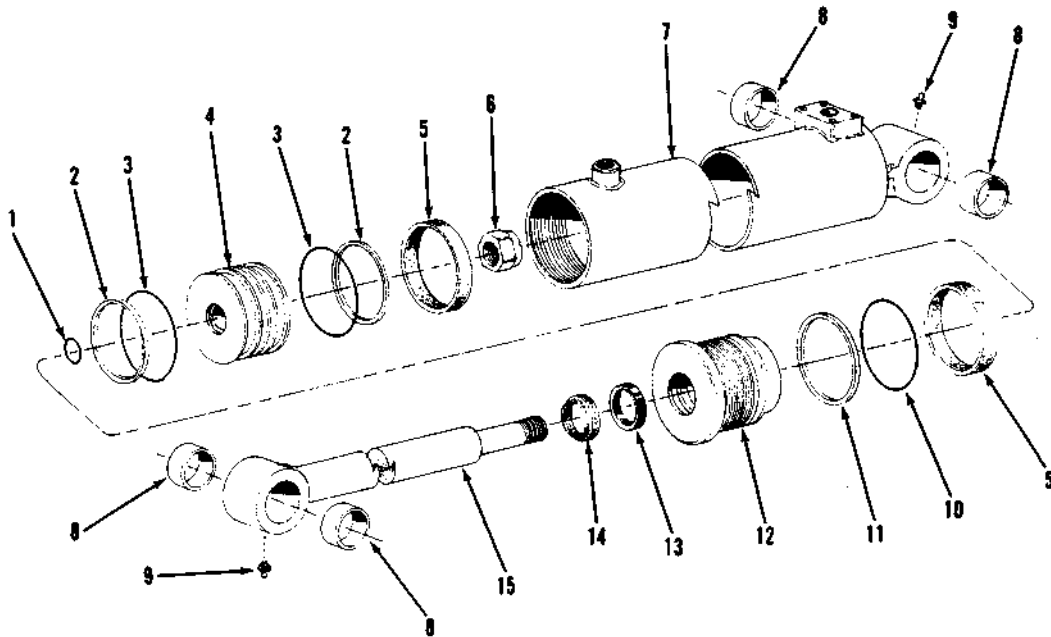
NOTE: ONLY PART NUMBERED ITEMS ARE AVAILABLE FOR SERVICE REPLACEMENT.



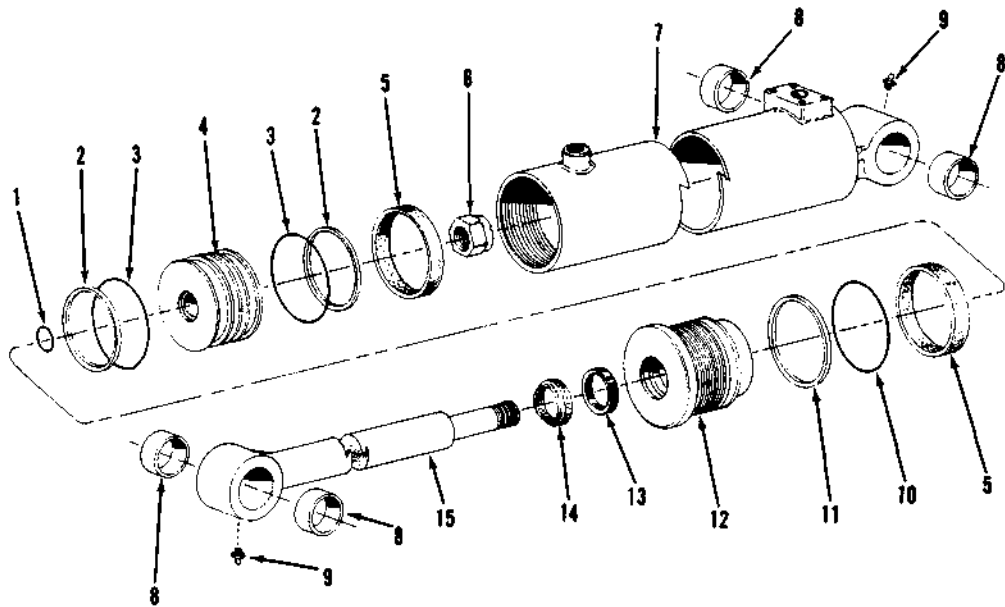
Item	Part No.	Qty.	Description Of Part
	9080-0082	1	TILT COMPENSATING CYLINDER
	9020-0844	1	CYLINDER REPAIR KIT (includes items 1,2,3,8,9,10,12,13)
1	9002-2262	2	WEAR RING
2	9002-3361	2	O-RING
3	9002-2242	2	PISTON SEAL
4	9002-2234	1	NUT
5	9060-0182	1	BARREL
6	9002-2150	4	BUSHING
7	9040-0064	1	PISTON
8	8859-1106	1	O-RING
9	9002-3438	1	ROD BEARING O-RING
10	9002-5438	1	BACKUP RING
11	9040-0059	1	ROD BEARING
12	9002-2252	1	ROD SEAL
13	9002-2282	1	WIPER RING
14	9040-0192	1	PISTON ROD
15	8867-1001	2	LUBE FITTING - STRAIGHT 1/8



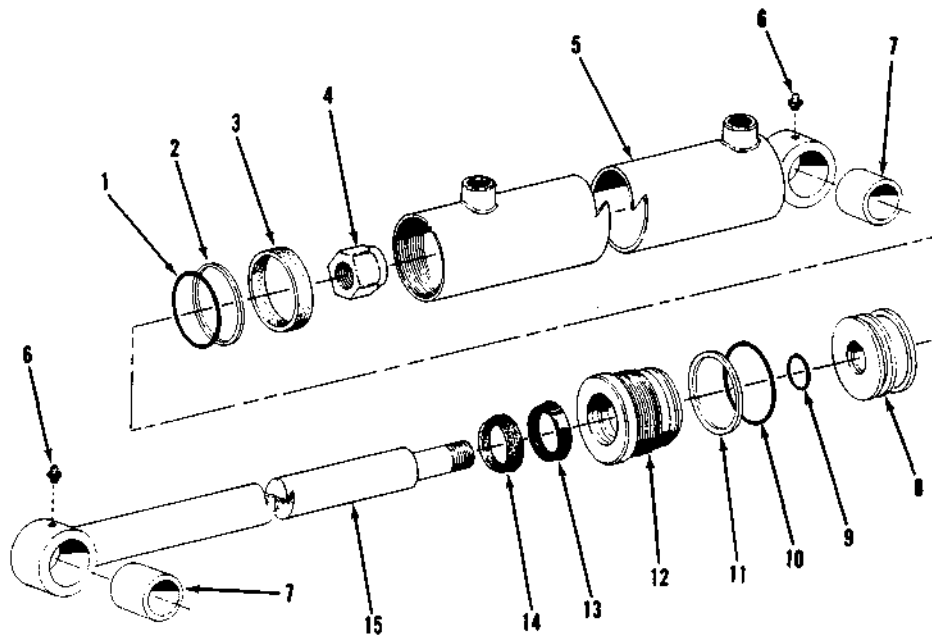
Item	Part No.	Qty.	Description Of Part
	9080-0804	1	DOUBLE COMPENSATING CYLINDER 4" bore, 18" stroke)(includes all items)
	9020-1553	1	CYLINDER REPAIR KIT (includes item 1,2,3,9,10,12,13,14)
1	9103-4040	2	WEAR RING
2	9002-2239	2	PISTON SEAL
3	9103-4041	2	O-RING
4	9002-2232	1	NUT
5	9080-0951	1	BARREL ASSY
6	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
7	9002-2200	2	BUSHING
8	9040-2611	1	ROD ASSY
9	9103-4051	1	WIPER RING
10	9103-4052	1	ROD SEAL
11	9040-0062	1	ROD BEARING
12	9103-4045	1	BACKUP RING
13	9103-4046	1	ROD BEARING O-RING
14	9002-3128	1	PISTON ROD O-RING
15	9040-2123	1	PISTON



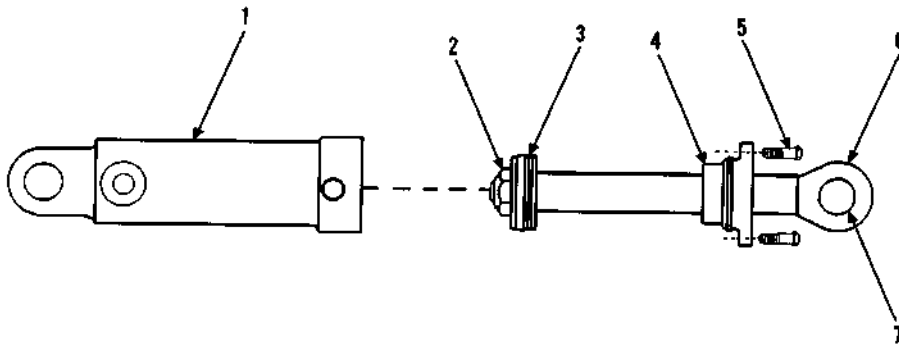
Item	Part No.	Qty.	Description Of Part
	9080-0020	1	SWAY CYLINDER (4" bore, 7" stroke)(includes all items)
	9020-1553	1	CYLINDER REPAIR KIT (includes items 1,2,3,5,10,11,13,14)
1	9103-4047	1	PISTON ROD O-RING
2	9002-2239	2	PISTON SEAL
3	9103-4041	2	PISTON O-RING
4	9040-0061	1	PISTON
5	9103-4040	2	WEAR RING
6	9002-2232	1	NUT
7	9040-0030	1	BARREL ASSY (includes item 8)
8	9002-2200	2	BUSHING
9	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
10	9103-4046	1	ROD BEARING O-RING
11	9103-4045	1	BACKUP RING
12	9040-0062	1	ROD BEARING
13	9103-4052	1	ROD SEAL
14	9103-4051	1	WIPER
15	9040-0244	1	ROD ASSY (includes item 8)



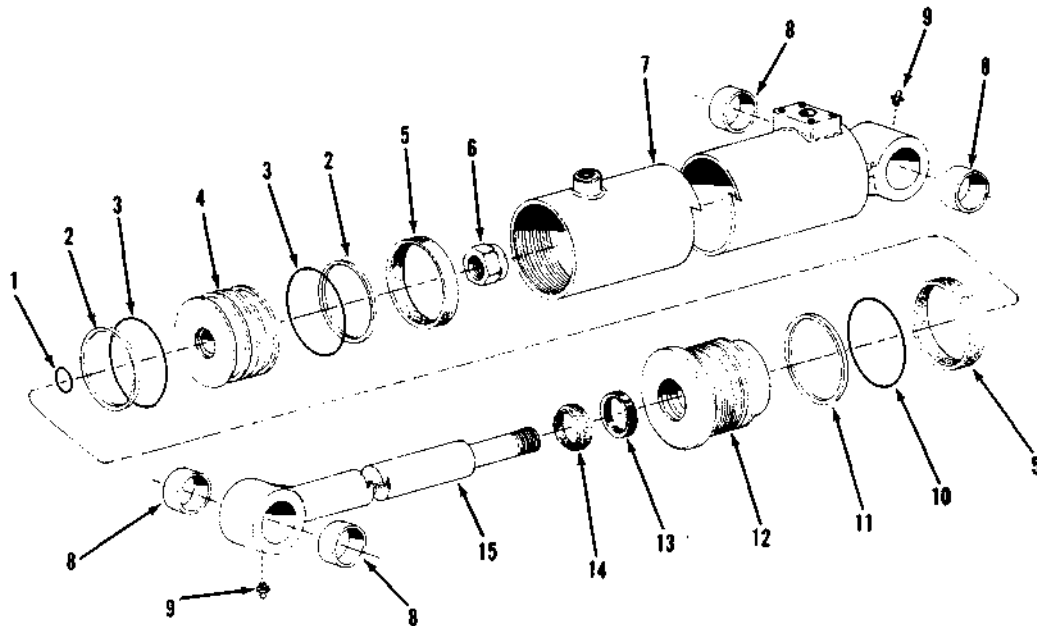
Item	Part No.	Qty.	Description Of Part
	9080-0152	1	SWAY CYLINDER (5" bore, 7" stroke)(includes all items)
	9020-0845	1	CYLINDER REPAIR KIT (includes items 1,2,3,5,10,11,13,14)
1	8859-1027	1	PISTON ROD O-RING
2	9002-2240	2	PISTON SEAL
3	9002-3157	2	PISTON O-RING
4	9040-0393	1	PISTON
5	9002-2260	2	WEAR RING
6	9002-2232	1	NUT
7	9080-0155	1	BARREL ASSY (includes item 8)
8	9002-2141	4	BUSHING
9	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
10	9002-3349	1	ROD BEARING O- RING
11	9002-5349	1	BACKUP RING
12	9040-0074	1	ROD BEARING
13	9002-2250	1	ROD SEAL
14	9002-2280	1	WIPER
15	9040-0411	1	ROD ASSY (includes item 8)



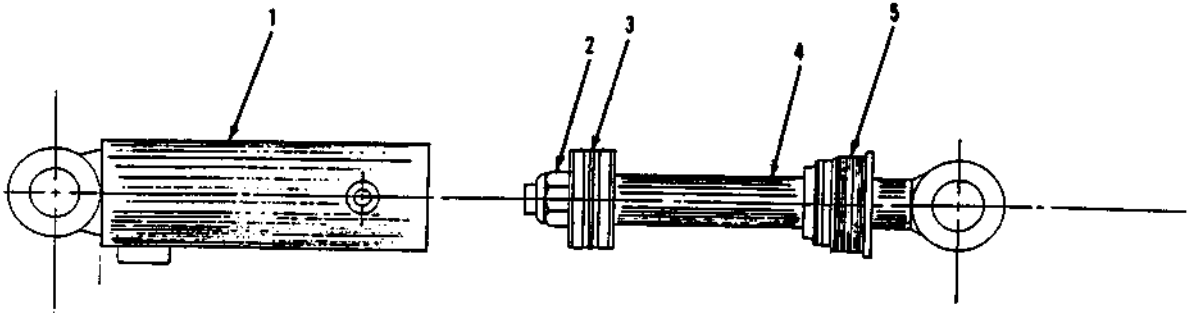
Item	Part No.	Qty.	Description Of Part
	9080-0070	1	STEERING CYLINDER (2-1/2" bore 11" stroke)(includes all items)
	9020-0843	1	CYLINDER REPAIR KIT (includes items 1,2,3,8,9,10,12,13)
1	9002-3137	1	PISTON O-RING
2	9002-2236	1	PISTON SEAL
3	9002-2256	1	WEAR RING
4	9002-2230	1	NUT
5	9040-0120	1	BARREL (includes item 7)
6	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
7	9002-2176	2	BUSHING
8	9040-0054	1	PISTON
9	8859-1019	1	PISTON ROD O-RING
10	8859-1106	1	ROD BEARING O-RING
11	9002-5228	1	BACKUP RING
12	9040-0053	1	ROD BEARING
13	9002-2246	1	ROD SEAL
14	9002-2266	1	WIPER RING
15	9040-0090	1	PISTON ROD (includes item 7)



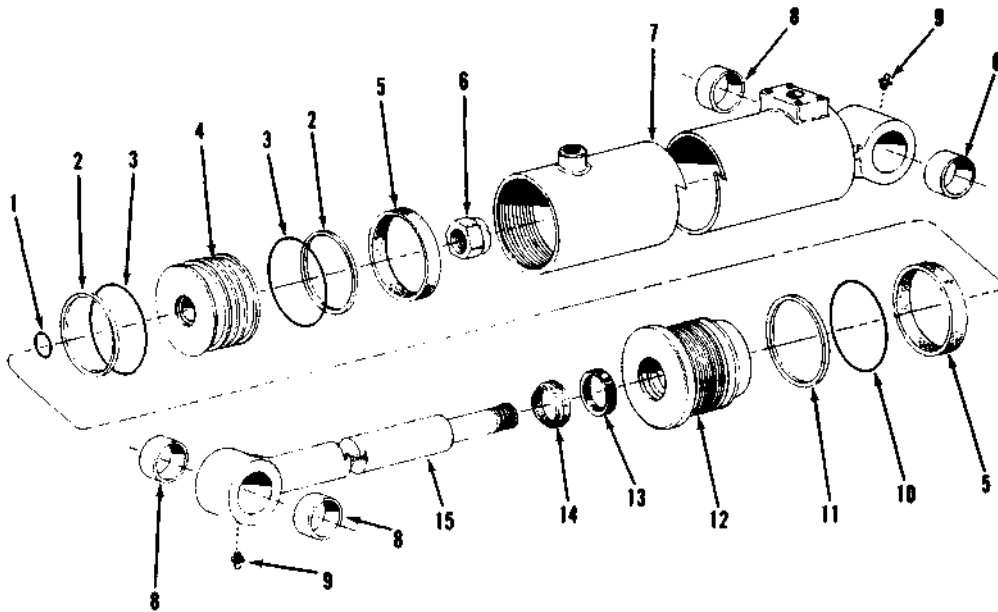
Item	Part No.	Qty.	Description Of Part
	9102-3076	2	STEERING CYLINDER (includes all items)
	9102-4105	AR	SEAL KIT
1	9102-4099	1	BARREL ASSY
2	9102-4100	1	HEX NUT
3	9102-4101	1	PISTON ASSY
4	9102-4102	1	ROD BEARING ASSY
5	9102-4103	8	CAPSCREW
6	9102-4104	1	ROD ASSY
* 7	9102-4122	1	BUSHING (rod end)



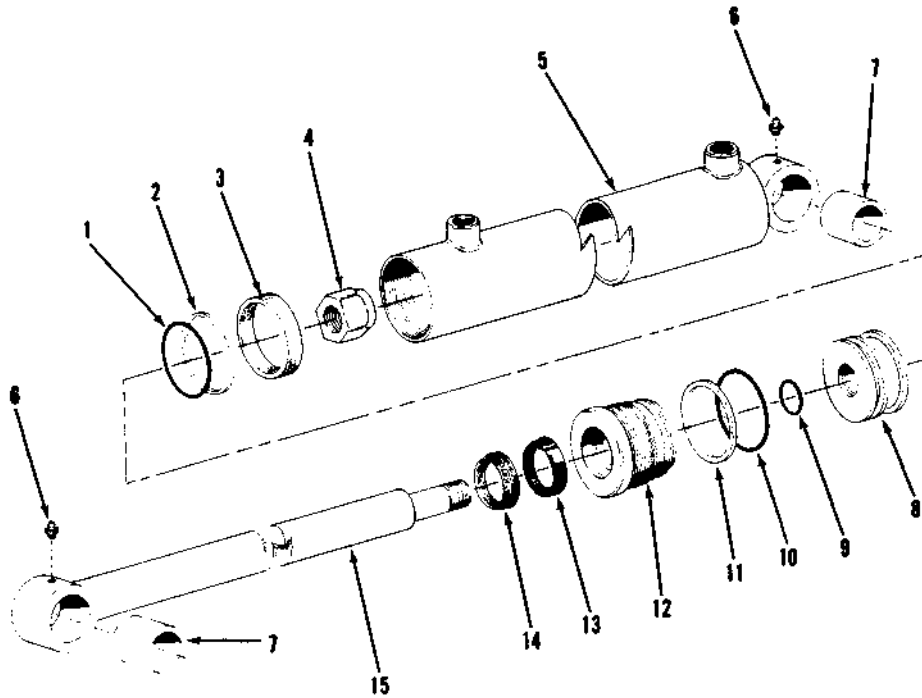
Item	Part No.	Qty.	Description Of Part
	9080-0020	1	STABILIZER CYLINDER (4" bore 7" stroke)(includes all items)
	9020-1553	1	CYLINDER REPAIR KIT (includes items 1,2,3,5,10,11,13,14)
1	9103-4047	1	PISTON ROD O-RING
2	9002-2239	2	PISTON SEAL
3	9103-4041	2	PISTON O-RING
4	9040-0061	1	PISTON
5	9103-4040	2	WEAR RING
6	9002-2232	1	NUT
7	9040-0030	1	BARREL ASSY (includes item 8)
8	9002-2200	2	BUSHING
9	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
10	9103-4046	1	ROD BEARING O-RING
11	9103-4045	1	BACKUP RING
12	9040-0062	1	ROD BEARING
13	9103-4052	1	ROD SEAL
14	9103-4051	1	WIPER RING
15	9040-0244	1	ROD ASSY (includes item 8)



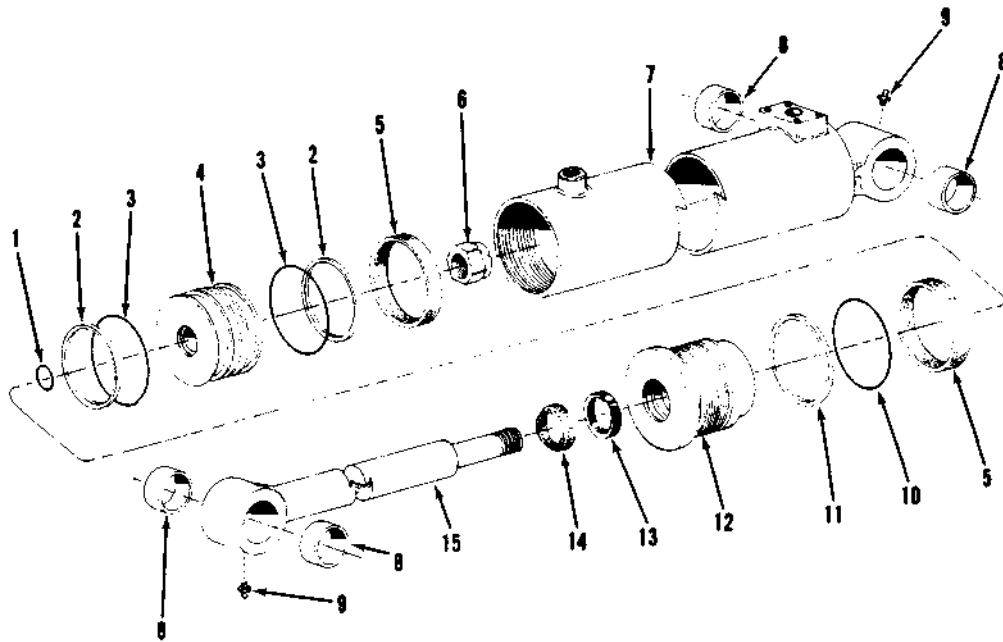
Item	Part No.	Qty.	Description Of Part
	9102-3077		SWAY CYLINDER (includes all items)
	9102-4110	AR	SEAL KIT
1	9102-4106	1	BARREL ASSY
2	9102-4206	1	HEX NUT
3	9102-4107	1	PISTON ASSY
4	9102-4108	1	ROD ASSY
5	9102-4109	1	ROD BEARING ASSY



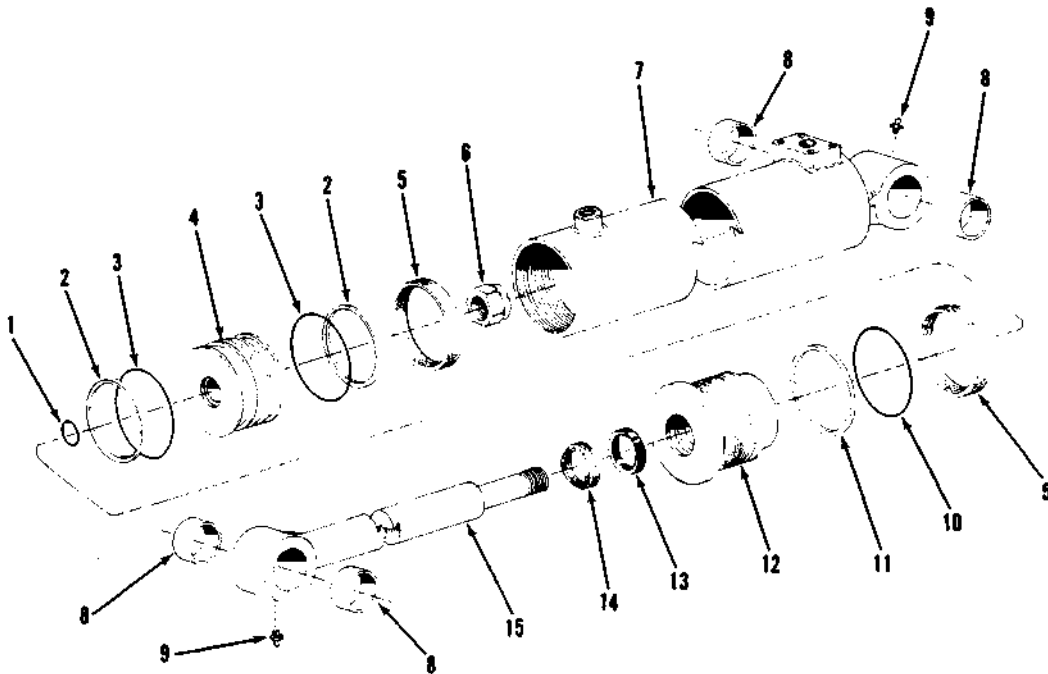
Item	Part No.	Qty.	Description Of Part
	9080-0475	1	OUTRIGGER CYLINDER (4" bore, 22" stroke)(includes all items)
	9020-3222	1	CYLINDER REPAIR KIT (includes items 1,2,3,5,10,11,13,14)
1	9002-3128	1	PISTON ROD O-RING
2	9002-2239	2	PISTON SEAL
3	9103-4041	2	PISTON O-RING
4	9040-2123	1	PISTON
5	9103-4040	2	WEAR RING
6	9002-2232	1	NUT
7	9060-0737	1	BARREL
8	9002-2202	2	BUSHING
9	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
10	9103-4046	1	ROD BEARING O-RING
11	9002-4342	1	BACKUP RING
12	9040-2122	1	ROD BEARING
13	9002-2250	1	ROD SEAL
14	9002-2280	1	WIPER RING
15	9040-2786	1	PISTON ROD



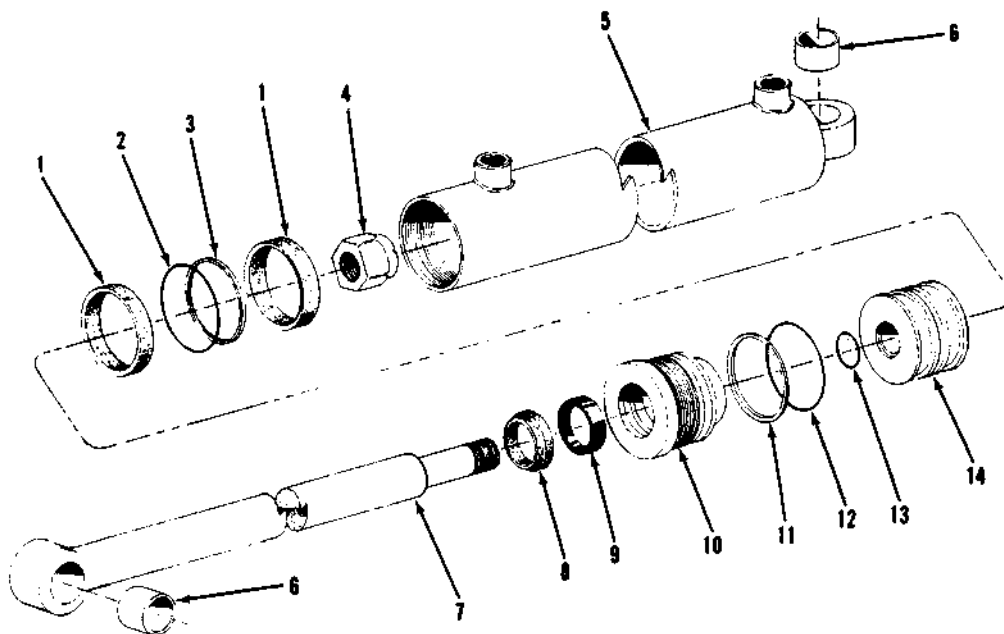
Item	Part No.	Qty.	Description Of Part
	9080-0579	1	SWING CYLINDER (2-1/2" bore, 11" stroke)(includes all items)
	9020-0843	1	CYLINDER REPAIR KIT (includes items 1,2,3,8,9,10,12,13)
1	9002-3137	1	PISTON O-RING
2	9002-2236	1	PISTON SEAL
3	9002-2256	1	WEAR RING
4	9002-2230	1	NUT
5	9040-1085	1	BARREL
6	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
7	9002-2176	2	BUSHING
8	9040-0054	1	PISTON
9	8859-1019	1	PISTON ROD O-RING
10	8859-1106	1	ROD BEARING O-RING
11	9002-5228	1	BACKUP RING
12	9040-0053	1	ROD BEARING
13	9002-2246	1	ROD SEAL
14	9002-2266	1	WIPER RING
15	9040-1086	1	PISTON ROD



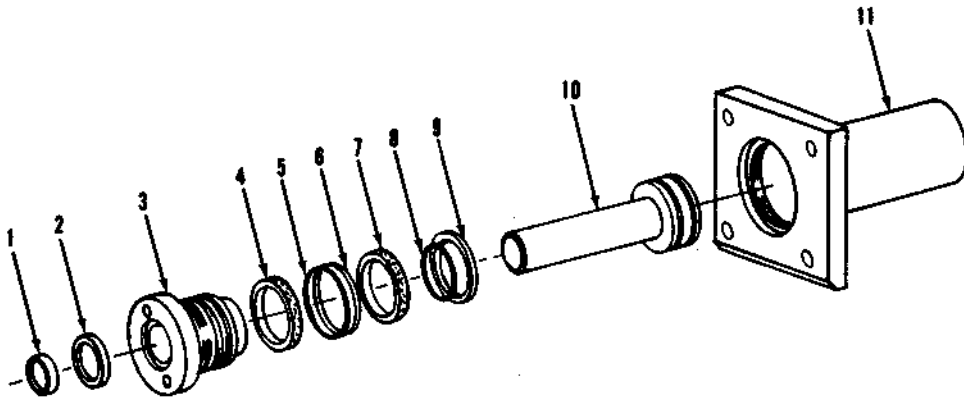
Item	Part No.	Qty.	Description Of Part
	9080-0692	1	CLAMP CYLINDER (5" bore, 12" stroke)(includes all items)
	9020-0845	1	CYLINDER REPAIR KIT (includes items 1,2,3,5,10,11,13,14)
1	8859-1027	1	PISTON ROD O-RING
2	9002-2240	2	PISTON SEAL
3	9002-3157	2	PISTON O-RING
4	9040-0393	1	PISTON
5	9002-2260	2	WEAR RING
6	9002-2232	1	NUT
7	9080-0691	1	BARREL
8	9002-2141	4	BUSHING
9	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
10	9002-3349	1	ROD BEARING O-RING
11	9040-0074	1	BACKUP RING
12	9002-2250	1	ROD BEARING
13	9002-2280	1	ROD SEAL
14	9040-0411	1	WIPER
15	9040-1543	1	PISTON ROD



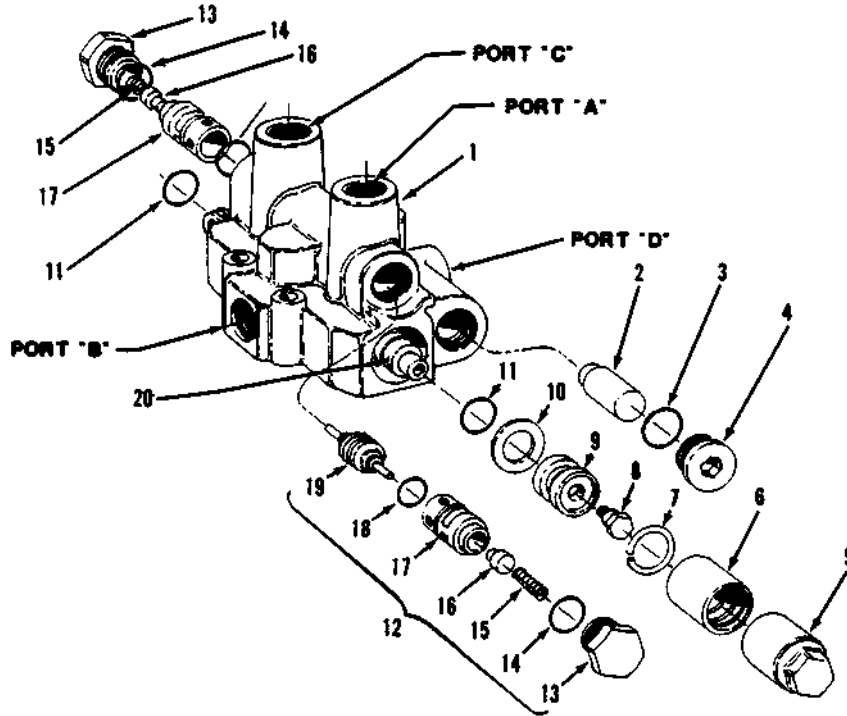
Item	Part No.	Qty.	Description Of Part
	9080-0021	1	ARM LIFT CYLINDER (4" bore, 9" stroke)(includes all items)
	9020-1553	1	CYLINDER REPAIR KIT (includes items 1,2,3,5,10,11,13,14)
1	9103-4047	1	PISTON ROD O-RING
2	9002-2239	2	PISTON SEAL
3	9103-4041	2	PISTON O-RING
4	9040-0061	1	PISTON
5	9103-4040	2	WEAR RING
6	9002-2232	1	NUT
7	9040-0031	1	BARREL (includes one item 8)
8	9002-2200	2	BUSHING
9	8867-1001	2	LUBE FITTING - STRAIGHT 1/8
10	9103-4046	1	ROD BEARING O-RING
11	9103-4045	1	BACKUP RING
12	9040-0062	1	ROD BEARING
13	9103-4052	1	ROD SEAL
14	9103-4051	1	WIPER
15	9040-0245	1	PISTON ROD (includes one item 8)



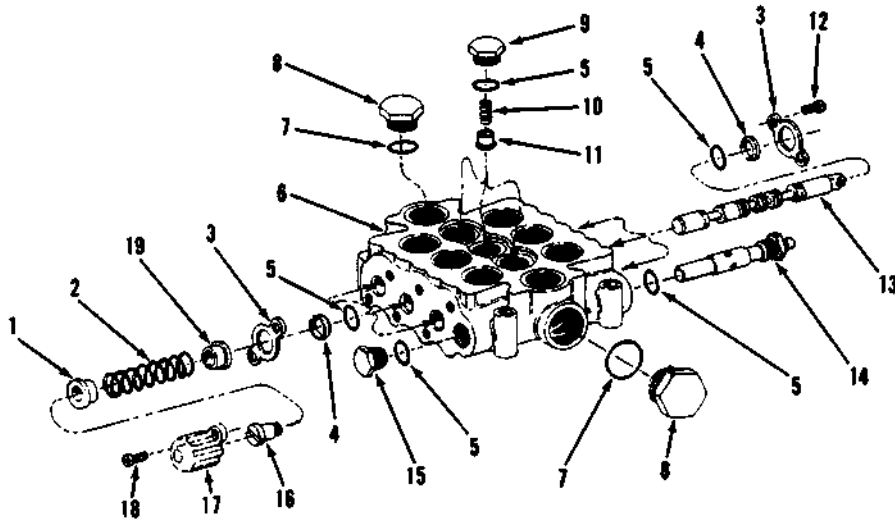
Item	Part No.	Qty.	Description Of Part
	9080-2004	1	CLAMP CYLINDER (3" bore, 9" stroke)(includes all items)
	9020-2551	1	CYLINDER REPAIR KIT (includes items 1,2,3,8,9,11,12,13)
1	9002-2257	2	WEAR RING
2	9002-3145	1	PISTON O-RING
3	9002-2237	1	PISTON SEAL
4	9002-2230	1	NUT
5	9060-2165	1	BARREL
6	9002-7526	2	BUSHING
7	9040-2112	1	PISTON ROD
8	9002-2277	1	WIPER RING
9	9002-2247	1	ROD SEAL
10	9040-2099	1	ROD BEARING
11	9002-4232	1	BACKUP RING
12	9002-3232	1	ROD BEARING O-RING
13	9002-3117	1	PISTON ROD O-RING
14	9040-2098	1	PISTON



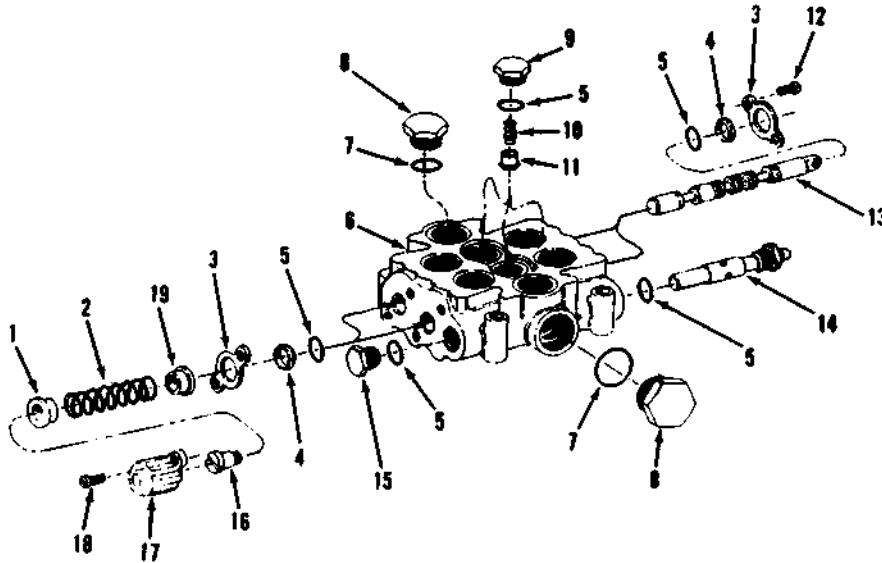
Item	Part No.	Qty.	Description Of Part
	9060-1440		LOCKING CYLINDER
	9100-4004		SEAL KIT (consists of items 1,2,4,5,6,7,8,9)
1	9002-8470	1	WIPER
2	9002-2247	1	ROD SEAL
3	9040-2691	1	ROD BEARING
4	9002-7981	1	PLUG
5	9002-8228	1	O RING
6	9002-5228	1	BACKUP RING
7	9002-2256	1	WEAR RING
8	9002-8137	1	O RING
9	9002-2236	1	PISTON SEAL
10	9040-2690	1	PISTON ROD ASSY
11	9060-1781	1	BARREL ASSY



Item	Part No.	Qty.	Description Of Part
	9060-0317		STEERING SELECTOR VALVE (includes all items)
1	NSS	1	VALVE BODY
2	9040-1421	1	PLUG
3	9040-1419	1	O RING
4	9040-1420	1	PLUG
5	9040-1427	1	SPOOL CAP
6	9040-1426	1	DETENT BARREL
7	9040-1425	1	SNAP RING
8	9040-1424	1	SHOULDER BOLT (special)
9	9040-1423	2	SNAP RING RETAINER
10	9040-1422	1	O RING RETAINER
11	9040-1418	2	O RING
12	9040-1413	2	CHECK VALVE (consists of items 13 thru 19)
13	9040-1417	1	CAP
14	9040-1414	1	O RING
15	9040-1416	1	SPRING
16	NSS	1	POPPET
17	NSS	1	SLEEVE
18	9040-1415	1	O RING
19	NSS	1	SHUTTLE
20	NSS	1	VALVE SPOOL

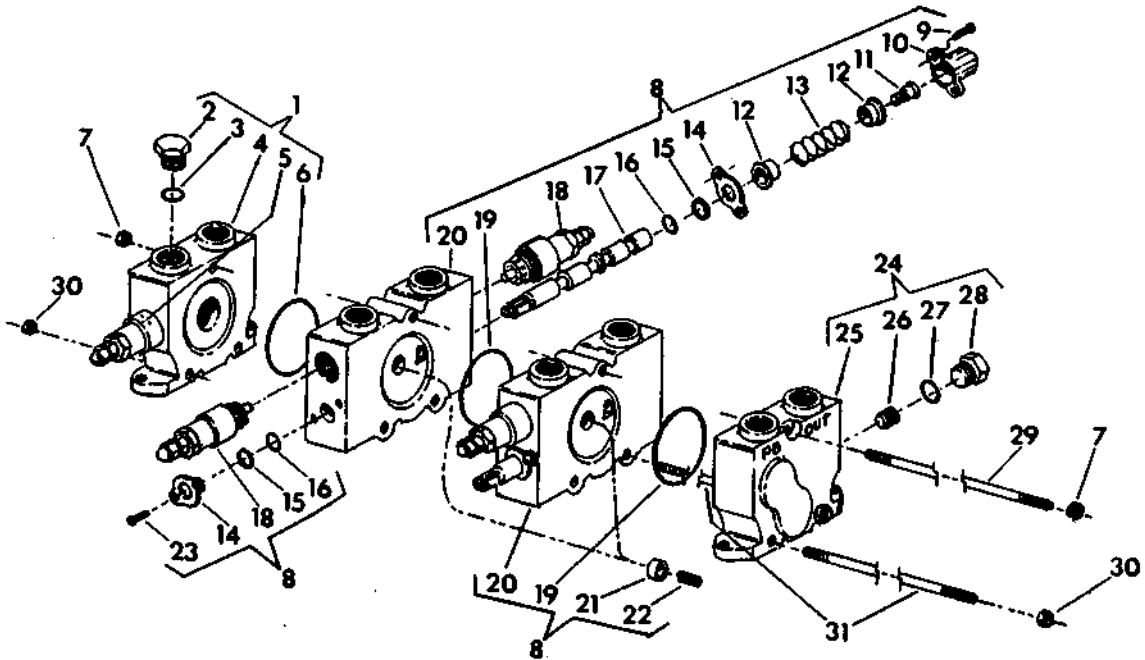


Item	Part No.	Qty.	Description Of Part
	9060-1829	-	MAIN CONTROL VALVE (3 SPOOL)
1	9020-1315	3	SPRING SEAT
2	9020-1311	3	SPRING
3	9020-1303	6	SEAL PLATE
4	9020-1312	6	WIPER
5	9020-1302	10	O RING
6	NSS	1	HOUSING
7	9020-1309	2	O RING
8	9020-1310	2	PLUG
9	9020-1305	3	PLUG
10	9020-1306	3	SPRING
11	9020-1307	3	POPPET
12	9020-1314	6	BOLT
13	NSS	3	PLUNGER
14	9020-1317	1	MAIN RELIEF VALVE
	9101-4012	AR	SEAL KIT
15	9020-1304	1	PLUG
16	9020-1316	3	BOLT
17	9020-1313	3	PLUNGER CAP
18	9020-1308	6	BOLT
19	9101-4011	3	SPRING SEAT



Item	Part No.	Qty.	Description Of Part
	9102-3066	-	MAIN CONTROL VALVE (2 SPOOL)
1	9020-1315	2	SPRING SEAT
2	9020-1311	2	SPRING
3	9020-1303	4	SEAL PLATE
4	9020-1312	4	WIPER
5	9020-1302	7	O RING
6	NSS	1	HOUSING
7	9020-1309	2	O RING
8	9020-1310	2	PLUG
9	9020-1305	2	PLUG
10	9020-1306	2	SPRING
11	9020-1307	2	POPPET
12	9020-1314	4	BOLT
13	NSS	2	PLUNGER
14	9020-1317	1	MAIN RELIEF VALVE
	9101-4012	1	SEAL KIT
15	9020-1304	1	PLUG
16	9020-1316	2	BOLT
17	9020-1313	2	PLUNGER CAP
18	9020-1308	4	BOLT
19	9101-4011	2	SPRING SEAT

AUXILLIARY VALVE

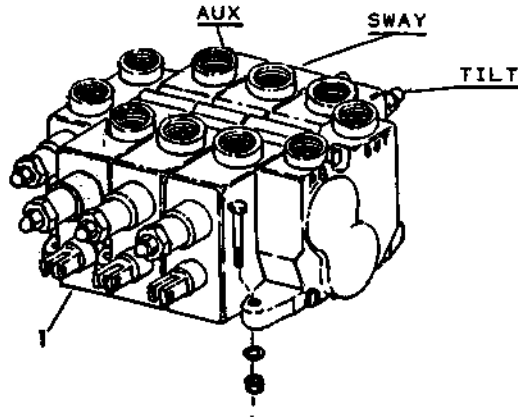


REF.	PART NO.	DESCRIPTION	REQ'D
--	600-167	VALVE, auxiliary (sway and fork control)	1

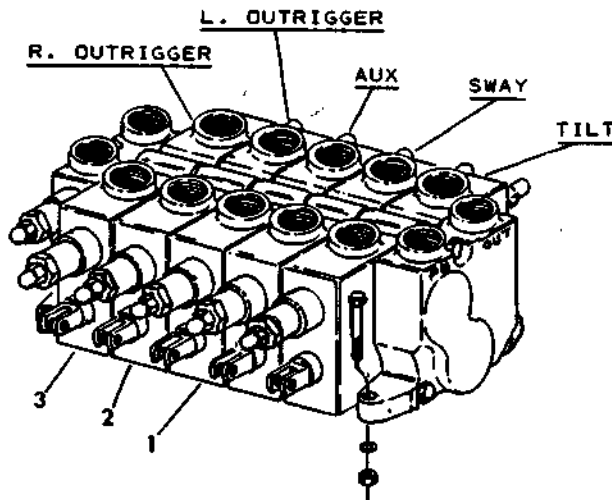
PARTS LISTED BELOW ARE FOR ONE COMPLETE VALVE

1	201-318	SECTION, inlet	1
2	201-376	• PLUG	1
3	201-375	• "O" RING, plug	1
4	201-377	• HOUSING	1
5	201-379	• CARTRIDGE, relief	1
6	201-378	• "O" RING (between housings)	1
7	201-321	NUT - 3/8" nc	2
8	601-006	SECTION, working (parallel)	2
9	201-388	• BOLT, cap	2
10	201-386	• CAP	1
11	201-385	• BOLT, shoulder	1
12	201-383	• SPRING, seat	2
13	201-384	• SPRING	1
14	201-382	• PLATE, seal	2
15	201-387	• RING, wiper	2
16	201-389	• "O" RING	2
17	201-380	• SPOOL	1
18	201-379	• CARTRIDGE, relief	2
19	201-378	• "O" RING	1
20	NSS	• HOUSING	1
21	201-381	• POPPET	1
22	201-391	• SPRING	1
23	201-390	• SCREW, round head - machine	2
24	201-319	SECTION, outlet	1
25	201-373	• HOUSING	1
26	201-374	• PLUG, pipe - 3/8"	1
27	201-375	• "O" RING	1
28	201-376	• PLUG	1
29	201-324	ROD, tie (upper)	1
30	201-322	NUT - 5/16" nc	4
31	201-323	ROD, tie (lower)	2

AUXILLIARY VALVE

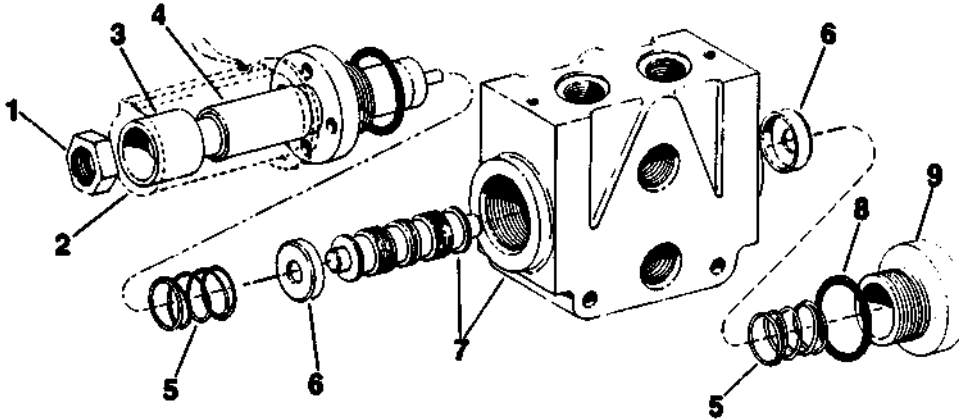


REF.	PART NO.	DESCRIPTION	REQ'D
--	600-294	VALVE, 3 section.	--
1	601-335	VALVE SECTION, parallel (auxiliary hydraulic)	1

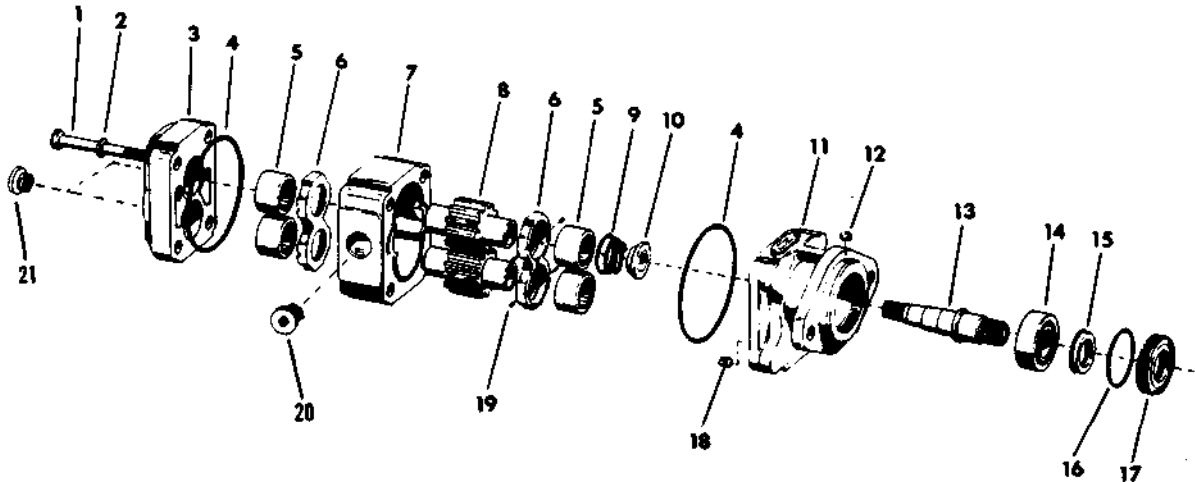


REF.	PART NO.	DESCRIPTION	REQ'D
--	600-717	VALVE, 5 section.	--
1	601-335	VALVE SECTION, parallel (auxiliary hydraulic)	1
2	601-335	VALVE SECTION, parallel (left outrigger control)	1
3	601-336	VALVE SECTION, series (right outrigger control)	1

SOLENOID VALVE



REF.	PART NO.	DESCRIPTION	REQ'D
--	601-879	VALVE, solenoid	2
1	206-818	• NUT	1
2	206-826	• COIL - 12V DC	1
3	206-819	• SLEEVE.	1
4	206-820	• TUBE SUB-ASSEMBLY	1
5	206-822	• SPRING.	2
6	206-823	• RETAINER.	2
7	206-821	• BODY and SPOOL.	1
8	206-825	• "O" RING.	1
9	206-824	• PLUG.	1

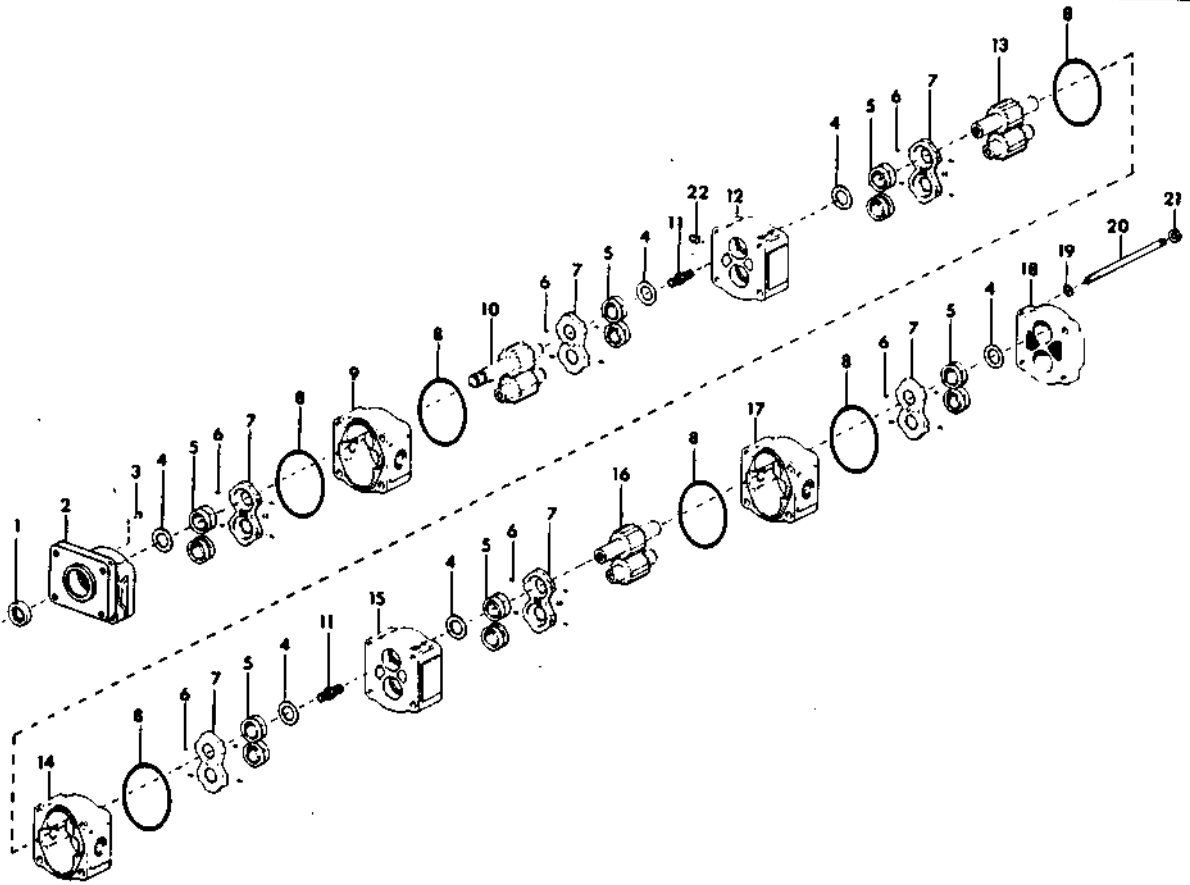


When ordering 9041-0292 motor to replace either 9020-2032 or 9060-0177 you must order 1-8871-1251 plug and either items 20 or 21 depending on how your motor is ported

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
A	9020-2032	-	MOTOR, winch - w/side porting (2S or 3S booms)	8	9020-3211	1	GEAR SET
B	9060-0177	-	MOTOR, winch - w/end porting (2SS or 3SL booms)	9	9020-3212	1	SPRING
C	9041-0292	-	MOTOR, winch - w/both end and side porting (2S or 3S boom)	10	9020-3213	1	BUSHING, shaft
1	9020-3203	4	BOLT	11	9020-3214	1	COVER, shaft end (without case drain)
2	9020-3204	4	WASHER		9101-4008	1	COVER, shaft end (with case drain)
3	9020-3205	1	COVER, end no ports (A-ONLY)	12	8871-1251	1	PLUG, pipe 1/4" NPT
4	9020-3206	1	COVER, end with ports (B&C motors)	13	9020-3215	1	SHAFT
5	8664-1043	2	"O" RING	14	9020-3216	1	BEARING
6	8664-1046	4	BEARING, roller	15	9020-3217	1	SEAL, high pressure
7	8507-1469	2	THRUST PLATE	16	9020-3218	1	"O" RING
	9020-3210	1	HOUSING, gear (B&C motors)(to use on motor-A install 2-8866-2196 plugs)	17	9020-3219	1	RING, retainer
				18	8507-5051	2	CHECK ASSEMBLY
				19	8593-1027	12	SEAL, pocket
				20	8866-2196	2	PLUG
				21	8866-2195	2	PLUG

HYDRAULIC PUMP

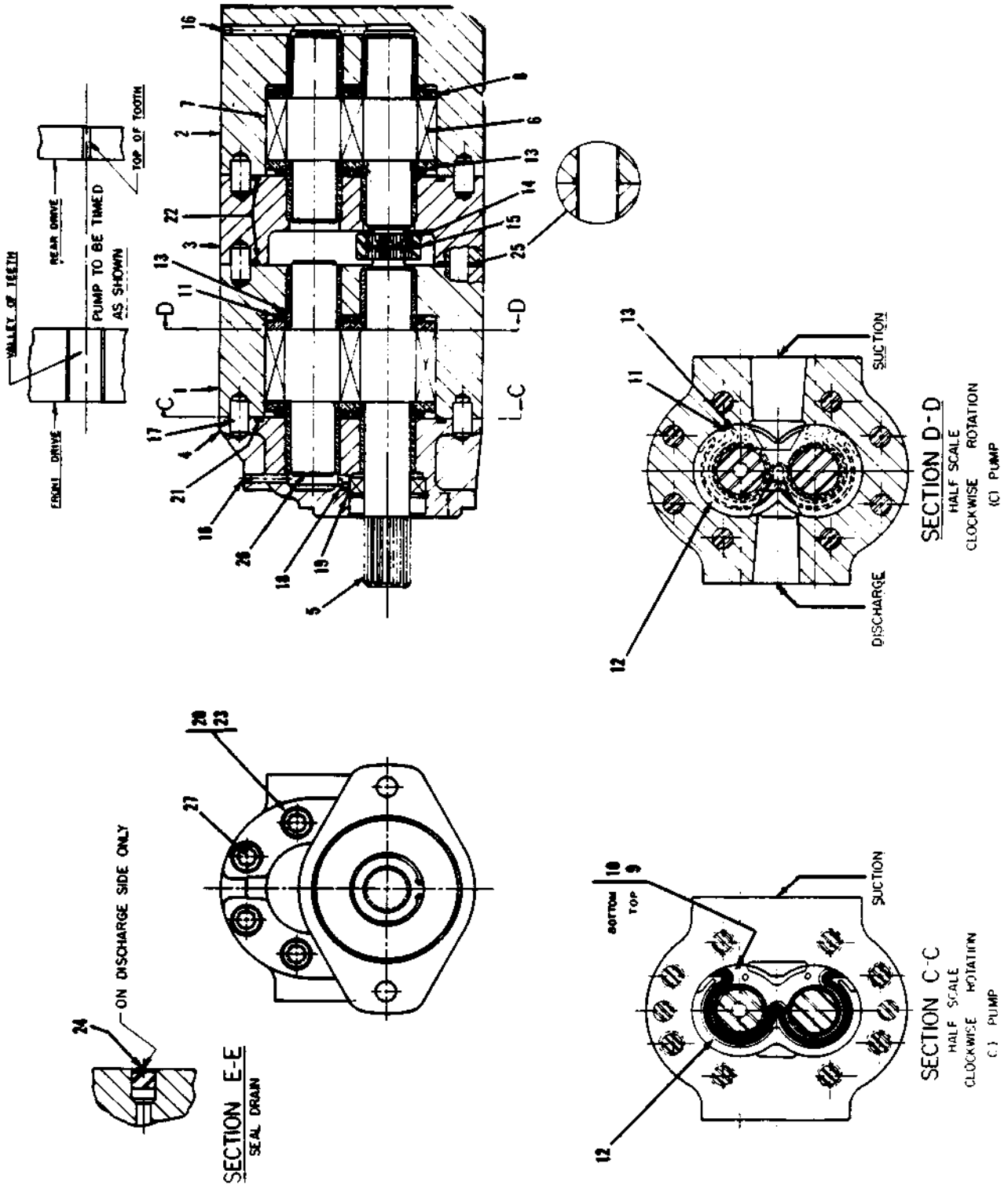
3 SECTION PUMP



KEY:

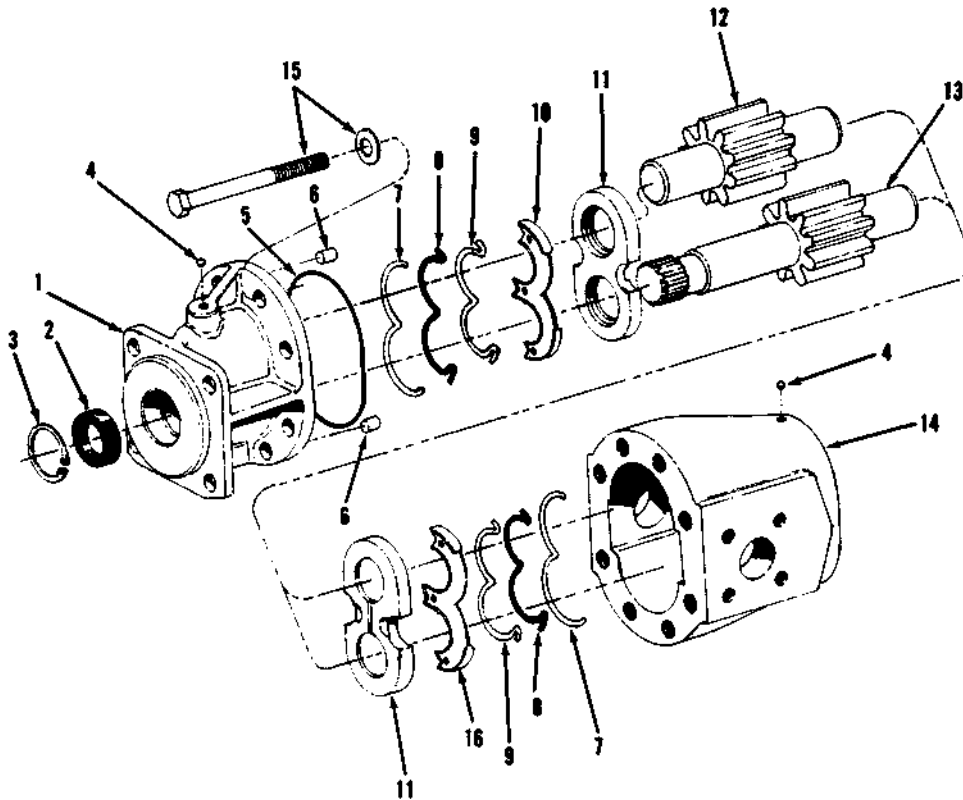
- A - 600-165 PUMP, hydraulics - model 552/554 before S/N 426
- B - 601-124 PUMP, hydraulics - model 552/554 S/N 426 and after

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	201-328	SEAL, shaft	1	1
2	201-325	FLANGE, mounting.	1	1
3	201-329	PLUG.	1	1
4	201-326	SEAL, ring.	6	6
5	201-327	BEARING, roller	12	12
6	201-334	SEAL, pocket.	36	36
7	201-333	PLATE, thrust	6	6
8	201-335	GASKET.	6	6
9	201-332	HOUSING, main section	1	1
10	201-336	GEAR SET, main section.	1	1
11	201-340	SHAFT	1	1
12	201-337	CARRIER, bearing.	1	1
13	201-339	GEAR SET, auxilliary section.	1	-
	410-015	GEAR SET, auxilliary section.	-	1
14	201-338	HOUSING, auxilliary section.	1	-
	410-016	HOUSING, auxilliary section.	-	1
15	201-341	CARRIER, bearing.	1	1
16	201-339	GEAR SET, steering section.	1	1
17	201-338	HOUSING, steering section	1	1
18	201-330	COVER, port end	1	1
19	201-343	WASHER,	4	4
20	201-342	STUD,	4	4
21	201-331	NUT	4	4
22	201-334	PLUG,	1	1



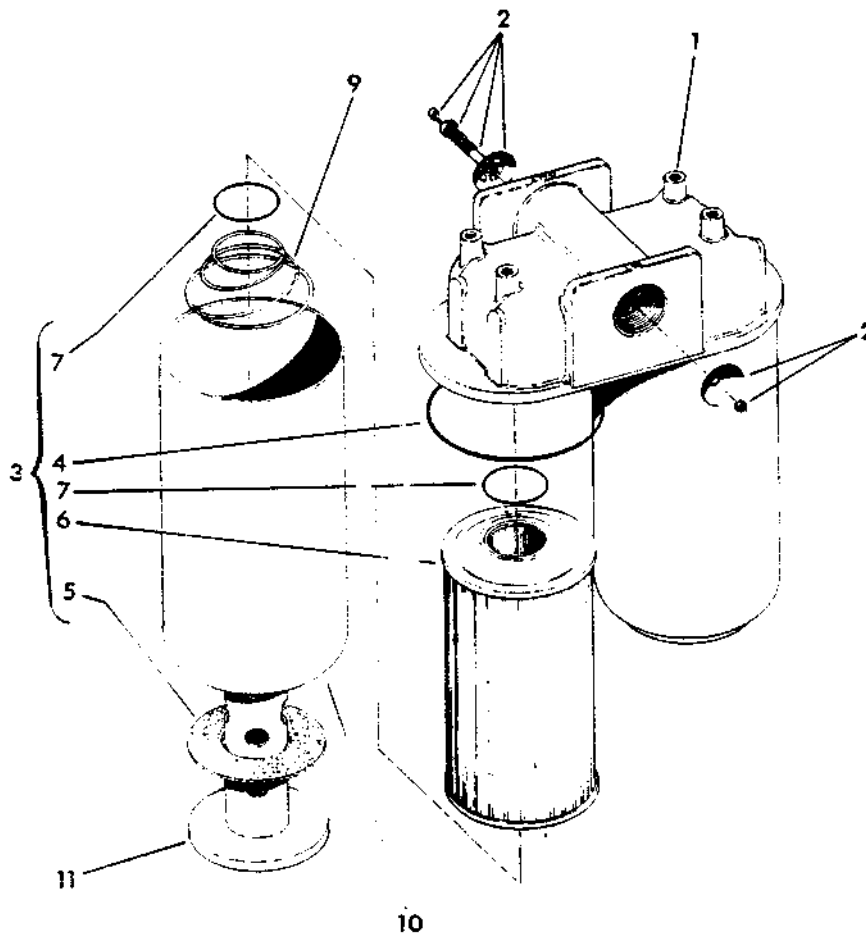
Item	Part No.	Qty.	Description Of Part
1	9105-3087	1	HYDRAULIC PUMP (includes all items)
2	9102-4112	1	BODY
3	9102-4026	1	BODY
4	9020-2419	1	BEARING PLATE
5	9104-4211	1	FLANGE
6	9102-4113	1	DRIVE GEAR (front)
7	9102-4029	1	DRIVE GEAR (rear)
8	9104-4220	1	IDLER GEAR (rear)
9	9020-2406	4	PRESSURE PLATE
10	9020-2407	2	ISOLATION PLATE (top)
11	9020-2403	2	ISOLATION PLATE (bottom)
12	9020-2405	4	O RING
13	9020-2404	4	RETAINER RING
			BACK UP RING (white)

Item	Part No.	Qty.	Description Of Part
14	9104-4218	1	SPLINE COUPLING
15	9020-2402	1	SNAP RING
16	9020-2435	1	BALL, 1/4"
17	9020-2376	6	DOWEL
18	9020-2371	1	SEAL
19	9020-2372	1	SNAP RING
20	9104-4223	8	NUT
21	9020-2379	1	O RING
22	9020-2396	2	O RING
23	9104-4222	8	WASHER
24	9104-4213	1	PLUG
25	9020-2383	8	O RING
26	9106-4023	1	IDLER GEAR (front)
27	9102-4114	8	STUD

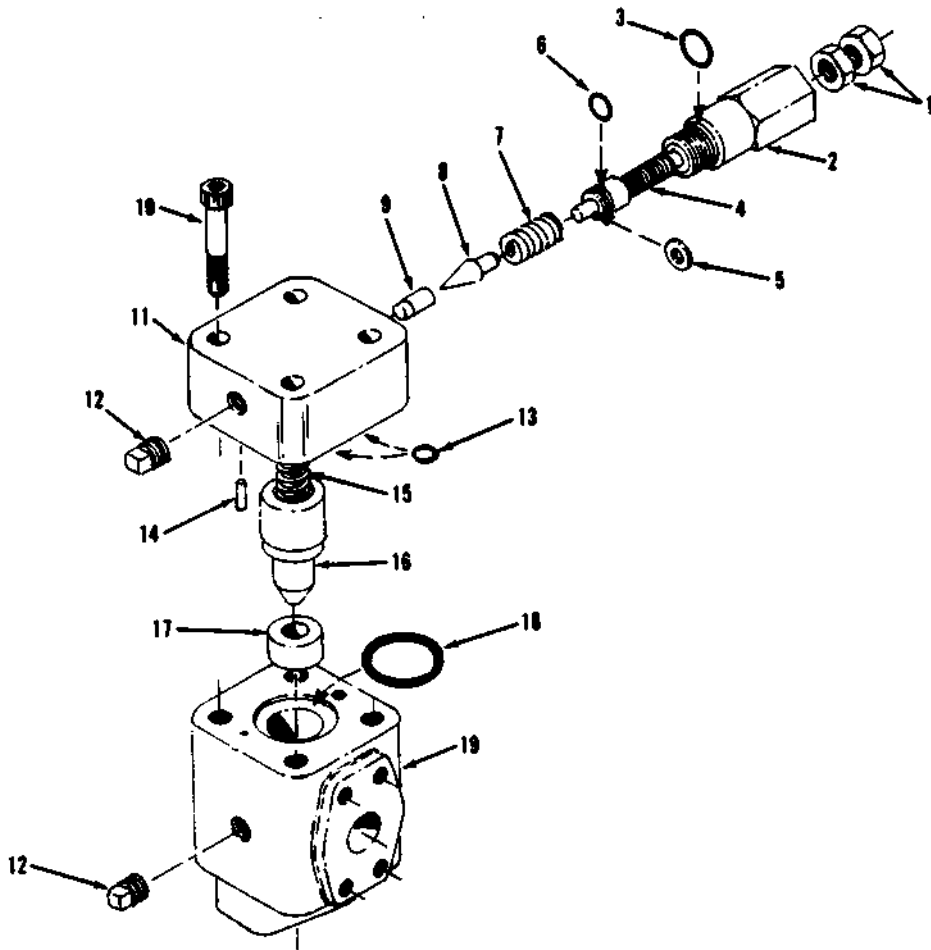


Item	Part No.	Qty.	Description Of Part
	9060-1789		HYDRAULIC PUMP (includes all items)
1	9101-4058	1	SEAL KIT (includes items 2,3,5)
2	9020-7055	1	FLANGE (with bushings)
3	9020-2371	1	SEAL
4	9020-2372	1	SNAP RING
5	9020-2435	2	BALL, 1/4"
6	9020-2379	1	O RING
7	9020-2376	2	DOWEL
8	9020-2405	2	RETAINER RING
9	9020-2403	2	O RING SEAL
10	9020-7059	2	BACKUP RING
11	9020-2406	1	TOP ISOLATION PLATE
12	9020-2399	2	PRESSURE PLATE
13	9020-8269	1	IDLER GEAR
14	9020-8270	1	DRIVE GEAR
15	9020-8271	1	BODY (with bushings)
16	9002-7736	8	HEX HD CAPSCREW, 1/2NC x 1-1/4 GR8
	9104-4222	8	WASHER
	9020-2407	1	BOTTOM ISOLATION PLATE

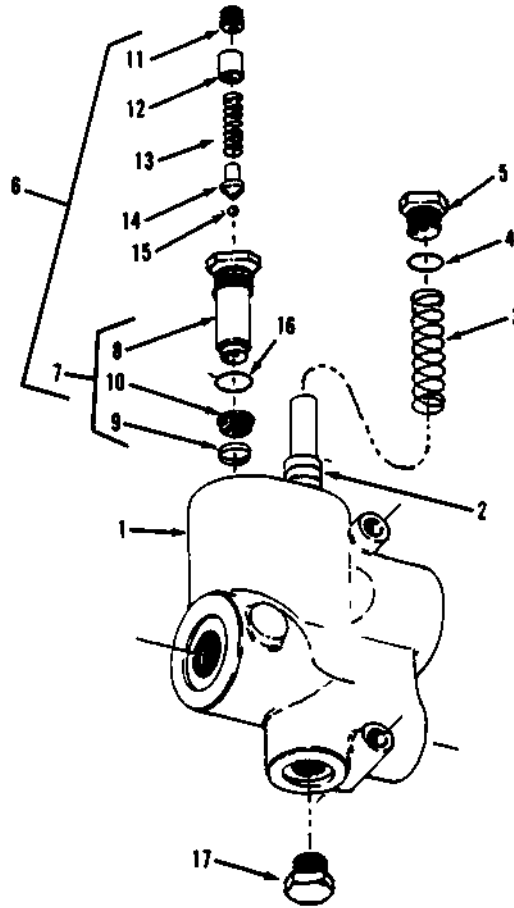
HYDRAULIC FILTER ASSEMBLY



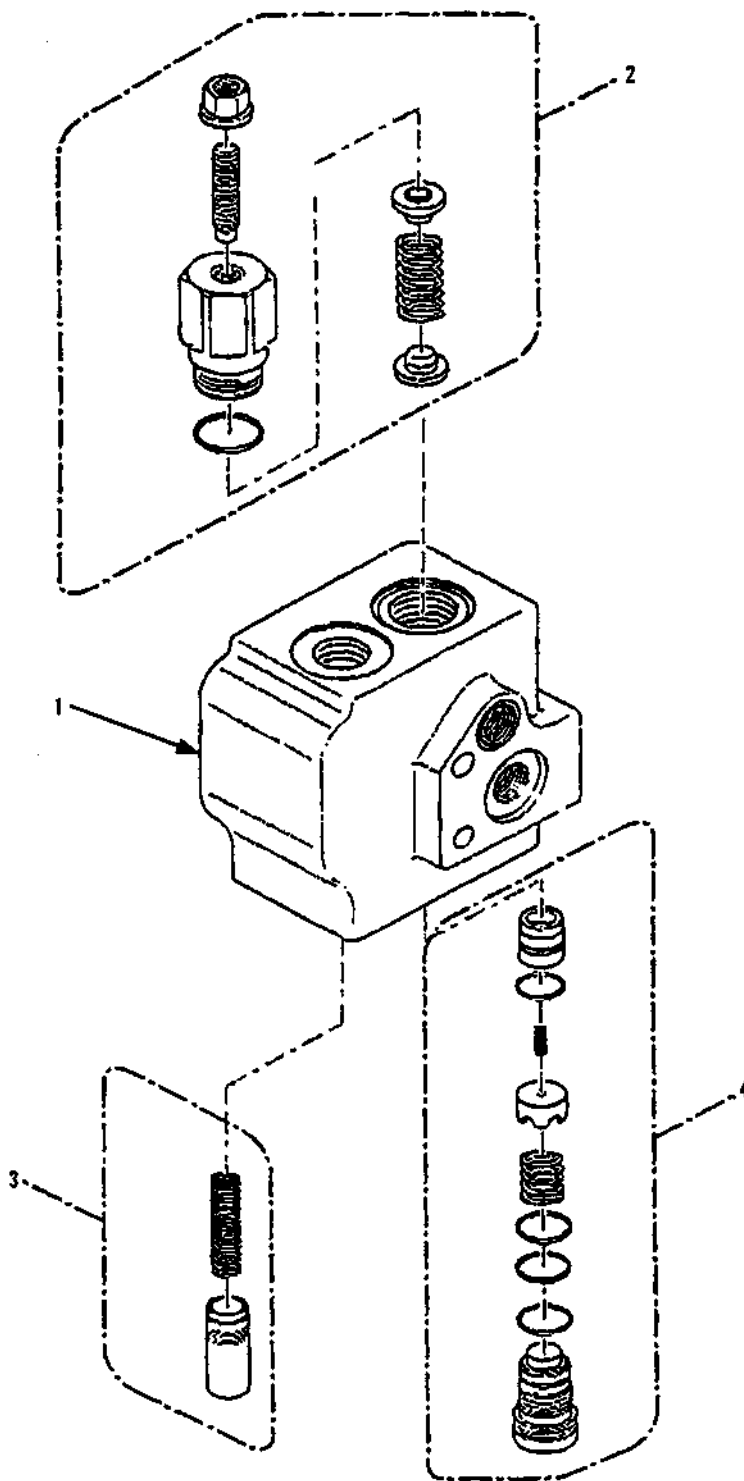
REF.	PART NO.	DESCRIPTION	REQ'D
--	600-128	FILTER ASSEMBLY, hydraulic	-
1	401-492	HEAD	1
2	401-493	VALVE, bypass.	1
3	401-467	KIT, element and seal.	2
4	401-469	• "O" RING	1
5	401-468	• SEAL	1
6	200-853	• ELEMENT.	1
7	401-470	• SEAL	2
8	401-497	WASHER	2
9	401-496	SPRING	2
10	401-495	HOUSING, filter.	1
11	401-494	CENTER POST.	2



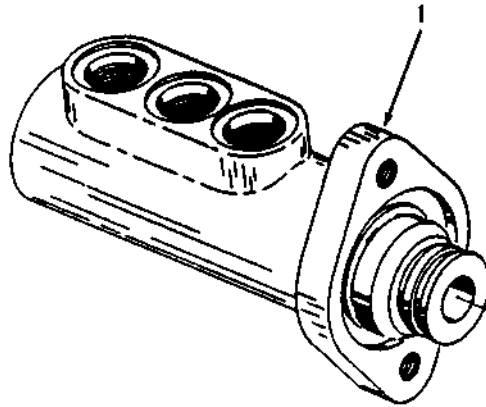
Item	Part No.	Qty.	Description Of Part
	9020-7314	-	RELIEF VALVE (includes all items
	9020-8057	-	SEAL KIT (consists of items 3,6,
			13 & 18)
1	8850-1406	2	HEX JAM NUT, 3/8-24
2	9020-8040	1	HEAD
3	9020-8041	1	O RING
4	9020-8042	1	ADJUSTING SCREW
5	9020-8043	1	SHIM
6	9020-8044	1	O RING
7	9020-8045	1	SPRING
8	9020-8046	1	CONE
9	9020-8047	1	SEAT
10	9020-8048	1	SCREW
11	9020-8049	1	CAP
12	9002-7462	2	PIPE PLUG
13	9020-8050	2	O RING
14	9020-8051	1	PIN
15	9020-8052	1	SPRING
16	9020-8053	1	PISTON
17	9020-8054	1	SEAT
18	9020-8055	1	O RING
19	9020-8056	1	VALVE BODY



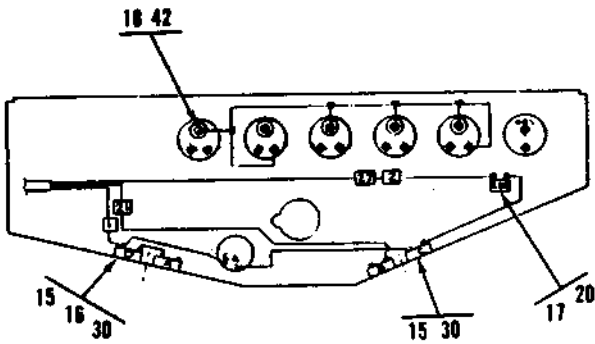
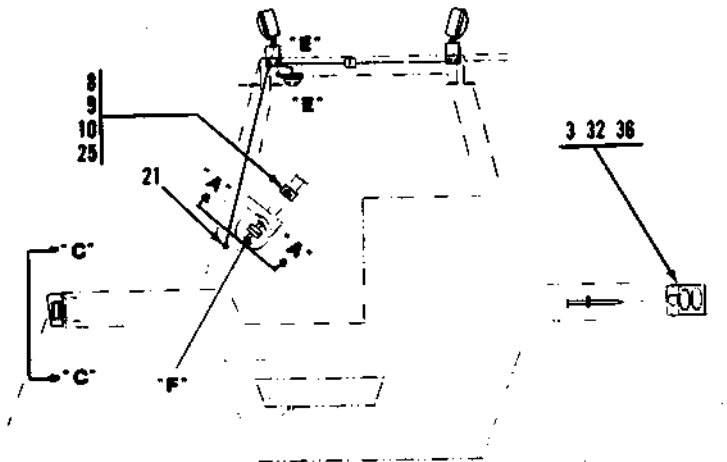
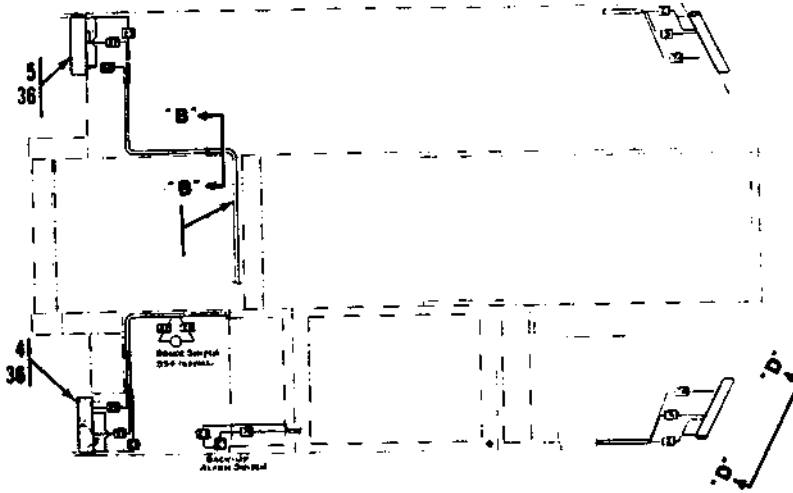
Item	Part No.	Qty.	Description Of Part
	9103-3240	1	PRIORITY VALVE (includes all items) 2500 P.S.I. RELIEF SETTING
1	9020-6548	1	HOUSING (includes item 2)
2	9020-6549	1	SPOOL
3	9020-6550	1	SPRING
4	8859-1206	1	"O" RING
5	9020-6552	1	PLUG
6	9020-6553	1	RELIEF CARTRIDGE (includes items 7 thru 16)
7	9020-6554	1	RELIEF VALVE SUB BODY (includes items 8 thru 10)
8	9020-6555	1	BODY
9	9020-6556	1	RING
10	9020-6557	1	SCREEN
11	9020-6558	1	RELIEF VALVE ADJUSTING SCREW
12	9020-6559	1	SPRING GUIDE
13	9020-6560	1	SPRING
14	9020-6561	1	BALL HOLDER
15	9020-6562	1	BALL
16	8859-1205	1	"O" RING
17	9020-6564	1	PLUG



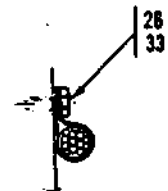
Item	Part No.	Qty.	Description Of Part
1	9104-3296	1	ACCUMULATOR CHARGE VALVE
2	9104-4538	1	LG. SPRING REPAIR KIT
3	9104-4539	1	SPOOL & SM. SPRING REPAIR KIT
4	9104-4540	1	ELEMENT & SEAL KIT
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



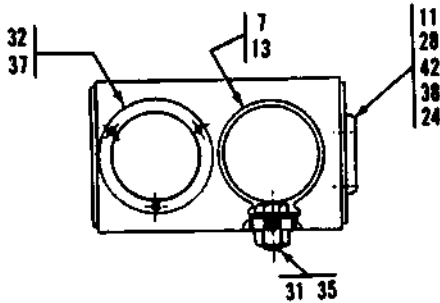
Item	Part No.	Qty.	Description Of Part
1	9102-3105 9106-4057	1 AR	BRAKE VALVE REPAIR KIT



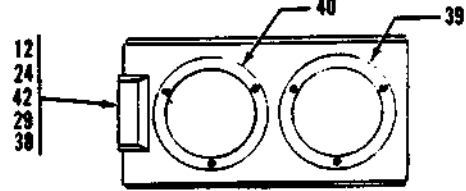
VIEW "A"- "A" DASH WIRING



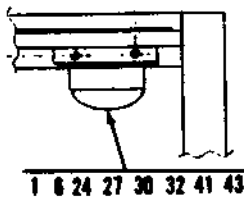
SECT. "B"- "B"



VIEW "C"- "C" FRONT LIGHT ASSY



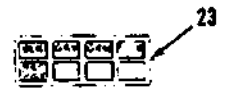
VIEW "D"- "D" REAR LIGHT ASSY



VIEW "E"- "E" DOME LIGHT MTG.



**MALE CONNECTOR
 LIGHT HARNESS**



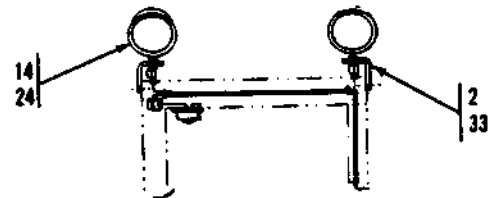
**FEMALE CONNECTOR
 TURN SIG. HARNESS**

VIEW "F" CONNECTOR DETAIL



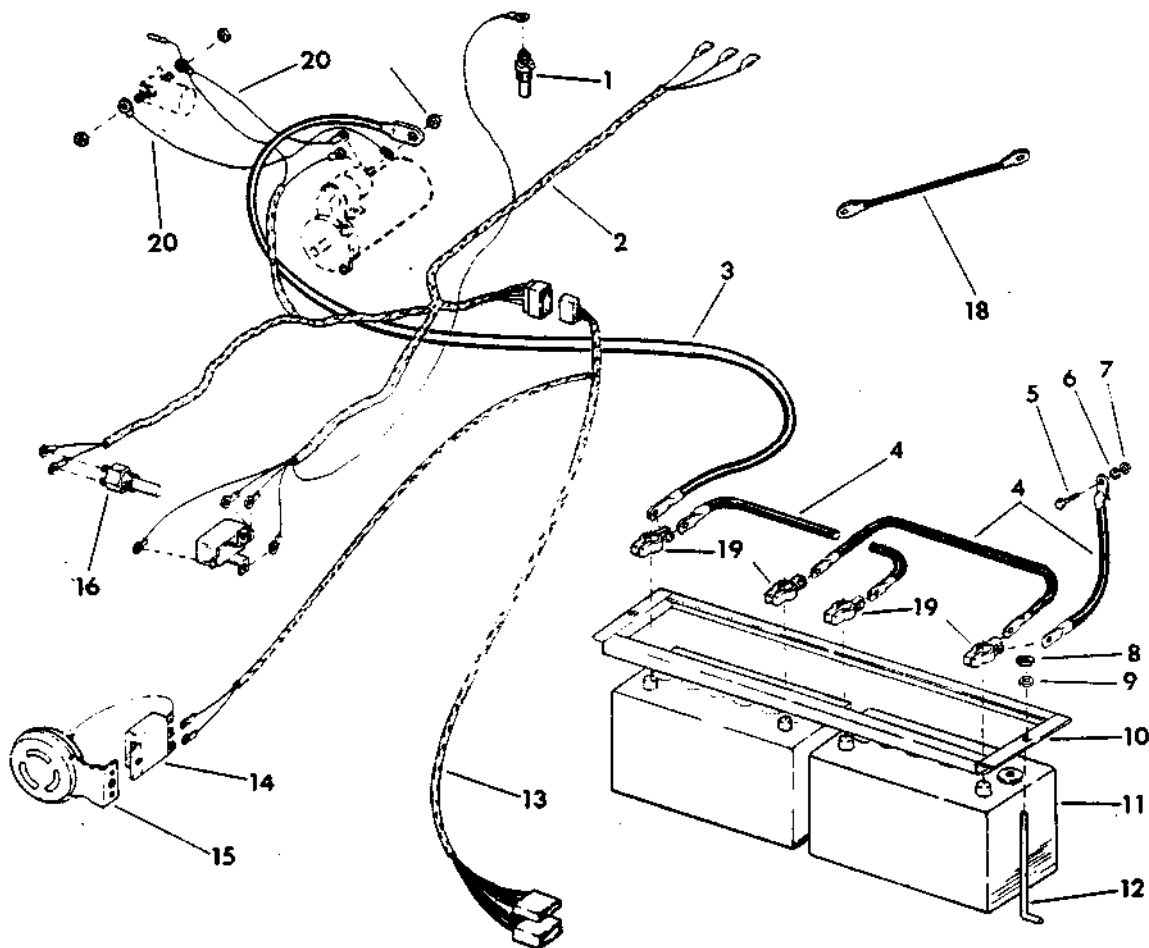
TOP SWITCH
BOTTOM SWITCH

ALTERNATE BRAKE SWITCH 552 ONLY



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9101-5015		LIGHT PACKAGE ASSY (includes all items)	23	9002-6849	1	CONNECTOR BODY
1	9101-1009	1	DOME LIGHT MOUNTING	24	9002-6830	10	CONNECTOR
2	9020-6129	3	LIGHT MOUNTING BRACKET	25	9002-6806	5	CONNECTOR
3	9060-0371	2	REAR LIGHT BRACKET	26	9002-1705	20	TUBE CLAMP
4	9060-0370	1	L.H. FRONT BRACKET	27	8903-1425	1	#10 TERMINAL
5	9060-0369	1	R.H. FRONT BRACKET	28	8903-1253	4	EYELET TERMINAL
6	8830-1191	3	ROUND HEAD MACHINE SCREW #10-32x3/8	29	8903-1117	2	TERMINAL GROMMET
7	9020-6325	2	JUMPER WIRE	30	8850-1613	7	HEX NUT, #10-32
8	9101-3026	1	PIGTAIL CONNECTOR	31	8850-1006	2	HEX NUT, 3/8-16
9	9020-1829	1	FLASHER SWITCH	32	8832-1022	28	SELF TAPPING SCREW #8-32x3/8
10	9020-0999	1	TURN SIGNAL	33	9002-7316	26	DRILL & TAP SCREW
11	8668-3450	2	AMBER CLEARANCE LIGHT	34	8820-1038	2	HEX HD CAPSCREW, 3/8-16x1-3/4 GR5
12	8668-3449	2	RED CLEARANCE LIGHT	35	8820-1035	16	HEX HD CAPSCREW, 3/8-16x1 GR5
13	9020-0590	2	HEAD LAMP	36	8679-3219	2	AMBER TURN SIGNAL
14	9020-0586	3	HEAD LAMP	37	8698-3193	14	BULLET TERMINAL
15	9020-0506	2	CIRCUIT BREAKER	38	8668-3448	2	BACK-UP LIGHT
16	9020-0352	2	JUMPER WIRE	39	8668-3447	2	STOP & TURN LIGHT
17	9020-0351	1	JUMPER WIRE	40	2486-1167	1	DOME LIGHT
18	9020-0347	5	LIGHTING KIT	41	2460-1589	8	CONNECTOR
19	9080-0185	1	WIRE HARNESS	42	9002-9955	1	GROMMET
20	9020-0171	1	HEADLIGHT SWITCH				
21	9002-7214	9	BUTTON GROMMET				
22	9002-7187	20	TIE WRAP				

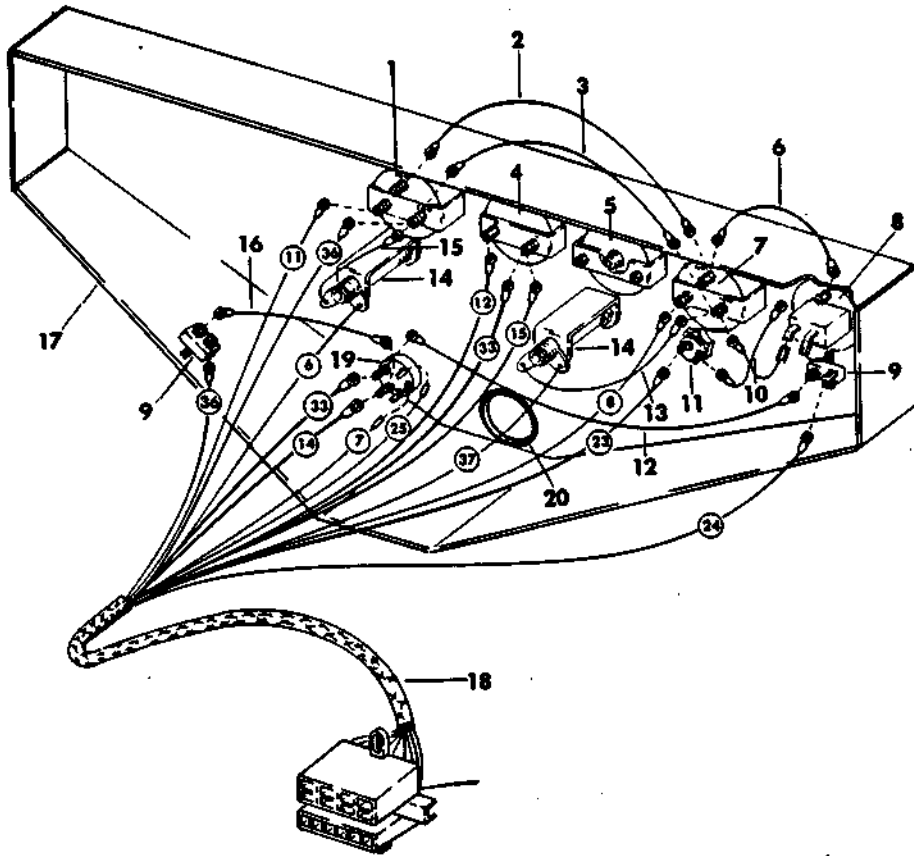
ENGINE WIRING



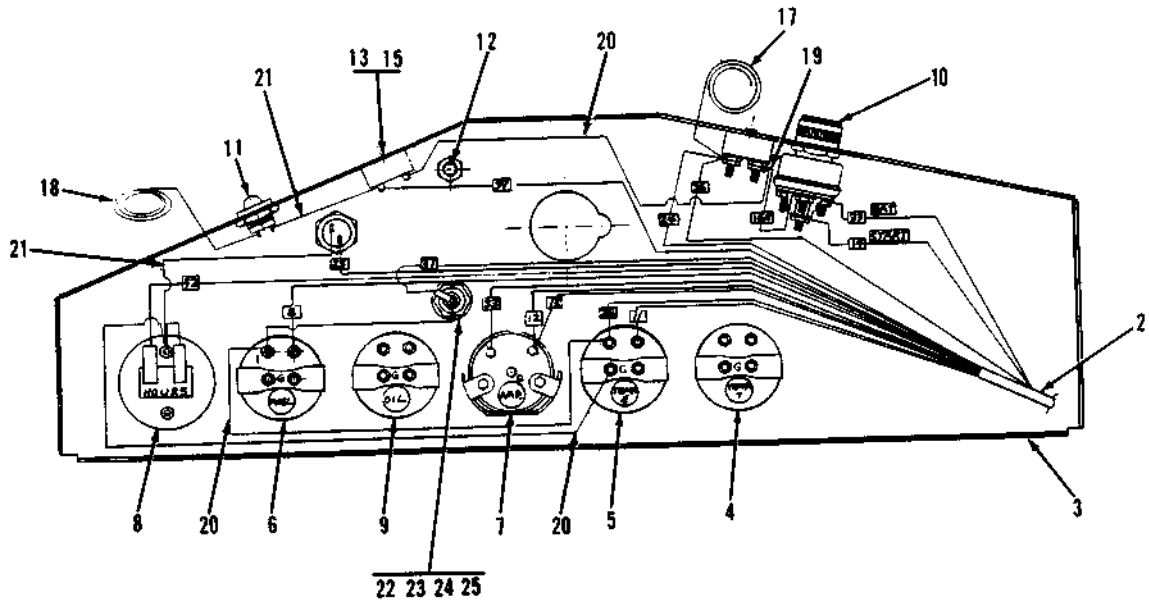
KEY:
 A - - ENGINE WIRING, all units w/gas engines
 B - - ENGINE WIRING, all units w/diesel engines

REF.	PART NO.	DESCRIPTION	REQ'D	
			A	B
1	200-186	SENDER, temperature	1	1
2	600-617	HARNES, engine wiring.	1	1
3	200-357	CABLE, starter.	1	1
4	200-811	CABLE, battery.	3	3
5	020-007	BOLT, 3/8" nc x 1" Gr. 5.	1	1
6	021-465	WASHER, lock - 3/8"	3	3
7	021-097	NUT, 3/8" nc.	1	1
8	021-095	NUT, 5/16" nc	2	2
9	021-464	WASHER, lock - 5/16".	2	2
10	200-383	BRACKET, battery hold-down.	1	1
11	200-809	BATTERY	2	2
12	200-382	STUD, hold-down	2	2
13	600-616	HARNES, cab wiring	1	1
14	600-153	RELAY	1	1
15	600-152	HORN.	1	1
16	200-191	SWITCH, converter temperature	1	1
17	026-344	NUT, 3/8" nc (brass).	-	1
18	200-789	STRAP, ground	-	4
19	027-325	CLAMP, battery port	-	2
20	200-877	WIRE, jumper.	-	2

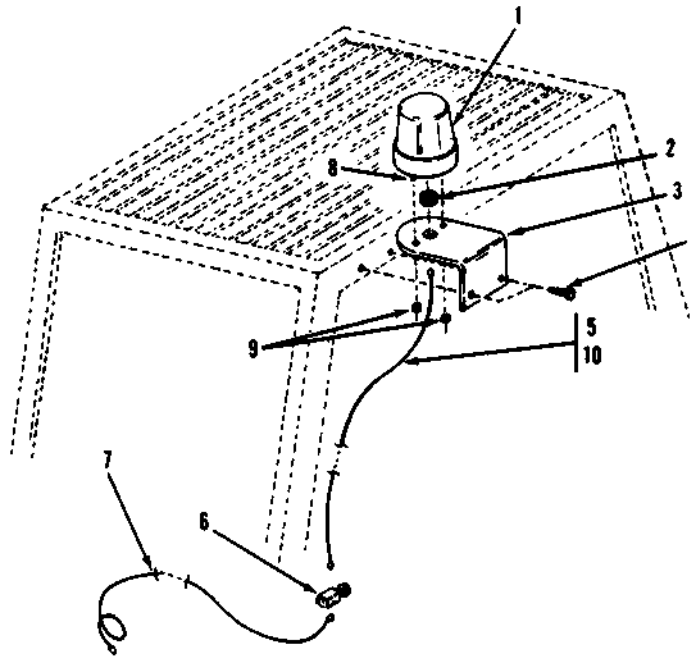
DASH WIRING



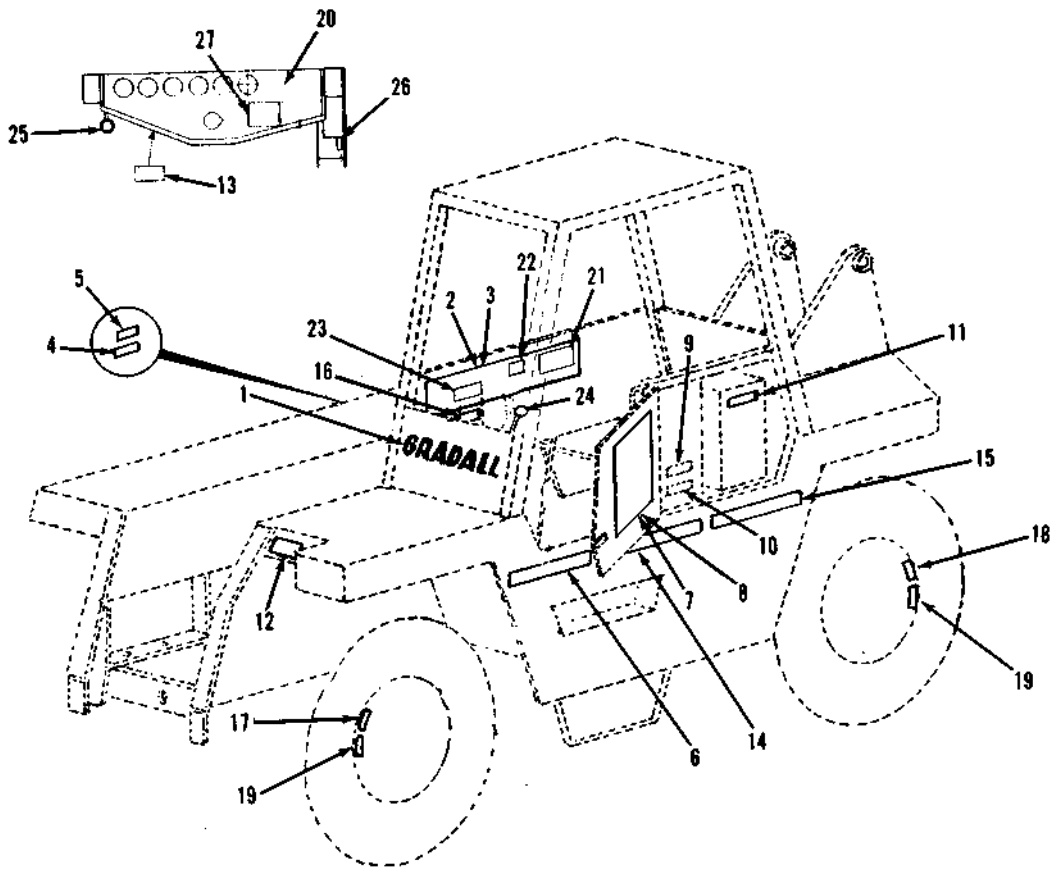
REF.	PART NO.	DESCRIPTION	REQ'D
1	200-185	GAUGE, water temperature.	1
2	200-354	WIRE, jumper.	1
3	200-353	WIRE, jumper.	1
4	200-190	GAUGE, ammeter.	1
5	200-183	GAUGE, oil pressure	1
6	200-352	WIRE, jumper.	1
7	200-187	GAUGE, fuel	1
8	200-348	METER, hour	1
9	200-506	BREAKER, circuit.	1
10	200-351	WIRE, jumper.	1
11	200-434	BUTTON, horn.	2
12	200-355	WIRE, jumper.	1
13	200-350	WIRE, jumper.	2
14	200-192	LIGHT, warning.	1
15	200-349	WIRE, jumper.	1
16	200-381	WIRE, jumper.	1
17	600-192	DASH.	1
18	600-264	HARNES, dash wiring.	1
19	200-170	SWITCH, ignition.	1
20	200-265	GROMMET	1
21	200-614	WIRE, jumper.	1



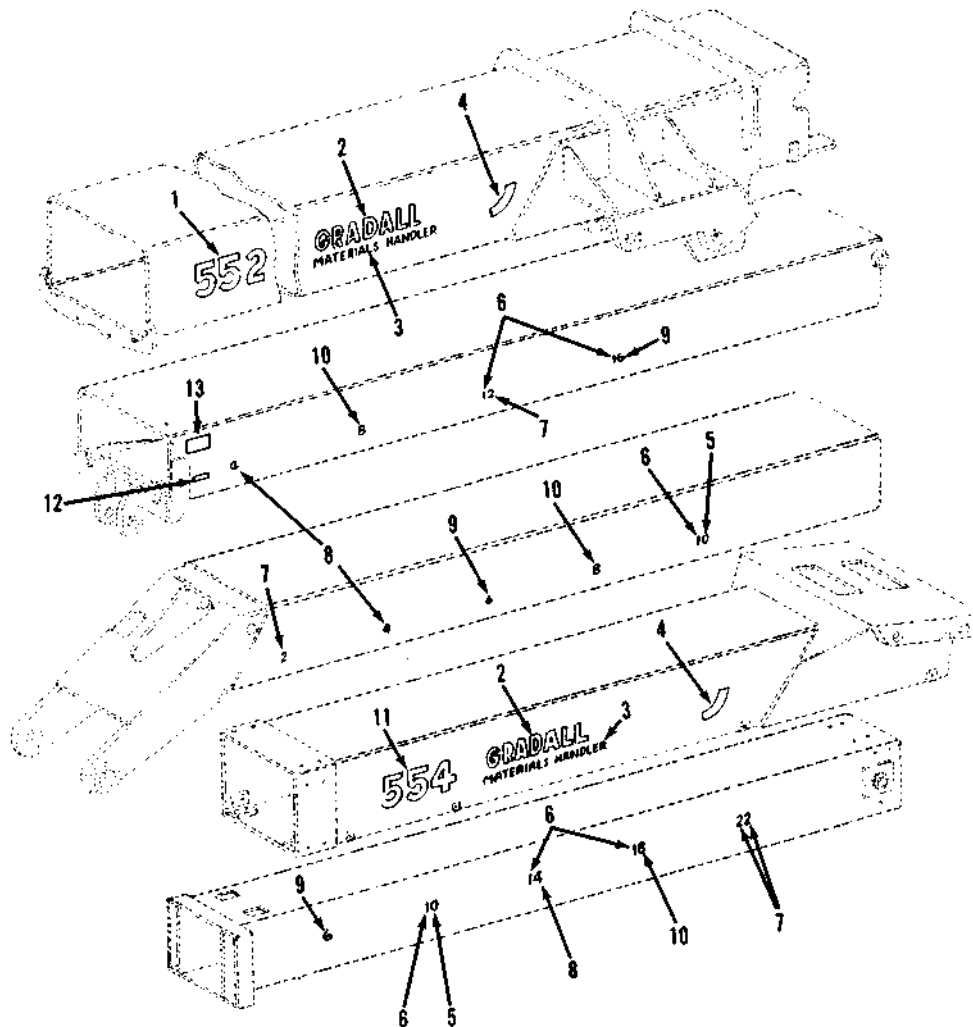
Item	Part No.	Qty.	Description Of Part
1	9101-3004	1	DASH DECAL (not shown)
2	9060-1790	1	DASH HARNESS
3	9060-0192	1	DASH WELDMENT
4	9020-3923	1	TRANSMISSION TEMPERATURE GAUGE
5	9020-0185	1	WATER TEMPERATURE GAUGE
6	9020-0187	1	FUEL GAUGE
7	9020-0190	1	AMMETER GAUGE
8	9020-0348	1	HOUR METER GAUGE
9	9020-0183	1	OIL PRESSURE GAUGE
10	8668-3135	1	IGNITION SWITCH
11	9020-0434	2	BUTTON SWITCH
12	9020-0308	1	PUSH/PULL CABLE
13	9020-0506	2	CIRCUIT BREAKER
14	9002-0504	2	PAN HEAD SCREW
15	8850-1613	4	HEX NUT, 3/8-32
16	8850-1612	2	HEX NUT, 3/8-24
17	9102-4055	1	JUMPER WIRE
18	9020-0919	1	JUMPER WIRE
19	9020-0381	1	JUMPER WIRE
20	9020-0354	3	JUMPER WIRE
21	9020-0352	2	JUMPER WIRE
22	8698-3188	1	EYELET (552)
23	9103-3084	1	BRAKE INDICATOR LIGHT (552)
24	9002-8960	1	MALE TERMINAL (552)
25	9002-8959	1	FEMALE TERMINAL (552)



Item	Part No.	Qty.	Description Of Part
	9080-1343		ROTATING BEACON ASSY (includes all items)
1	9020-0685	1	ROTATING BEACON
2	9002-7214	1	GROMMET
3	9040-0706	1	BRACKET
4	9002-7316	3	SELF TAPPING SCREW
5	9020-0791	1	JUMPER WIRE
6	9020-0171	1	SWITCH
7	9020-0352	1	JUMPER WIRE
8	8820-1014	2	HEX HD CAPSCREW, 1/4-20x3-1/4 GR5
9	8850-1004	2	HEX NUT, 1/4-20
10	8698-3193	2	BULLET TERMINAL

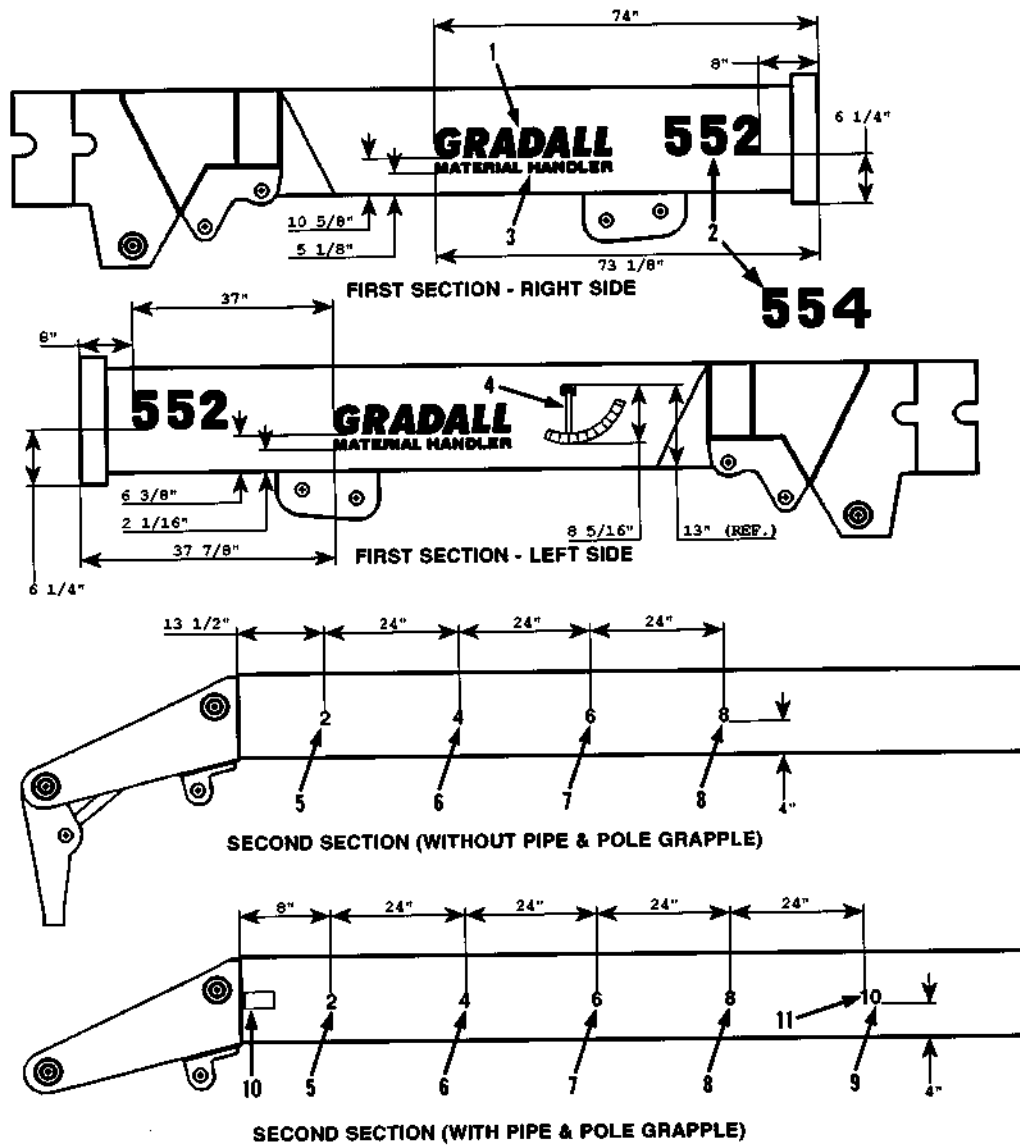


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8364-1675	1	"GRADALL" DECAL (white)	16	9101-3005	1	BOOM EXTENSION DECAL
	7733-3011	1	"GRADALL" DECAL (Black)	17	9101-3007	2	DRIVE TIRE DECAL (552)
2	9102-3010	1	CONTROLS DECAL (554)	18	9101-3008	2	STEERING TIRE DECAL (552)
3	9101-3006	1	CONTROLS DECAL (552)	19	9102-3003	4	TIRE DECAL (554)
4	9100-3052	1	WARNING DECAL	20	9101-3004	1	DASH DECAL
5	7702-3008	1	DIESEL FUEL DECAL	21	9101-3013	1	3 S CAPACITY CHART
6	9100-3029	1	WARNING DECAL		9101-3014	1	2 S CAPACITY CHART
7	9101-3015	1	SERVICE DECAL (552)	22	9102-3007	1	TIRE DAMAGE DECAL
8	9102-3009	1	SERVICE DECAL (554)	23	9015-3003	1	AUX. HYDRAULIC DECAL
9	9101-3001	1	SERIAL NO. PLATE		9015-3004	1	SIDE SHIFT DECAL
10	9100-3030	1	PATENT DECAL	24	9100-3044	1	BOOM OPERATING DECAL
11	7702-3006	1	HYDRAULIC OIL DECAL	25	9101-3017	1	SHIFT DECAL
12	8360-1011	1	DANGER DECAL	26	9101-3009	1	TRANSMISSION SHIFT DECAL
13	9100-3043	1	QUICK SWITCH DECAL	27	9101-3012	1	TRANSMISSION TEMP. DECAL
14	9100-3051	1	WARNING DECAL	28	9101-3032	1	"COOLANT" DECAL (not shown)
15	9100-3036	1	OPERATOR PROTECTION DECAL	29	9103-3094	1	SMV EMBLEM (not shown)



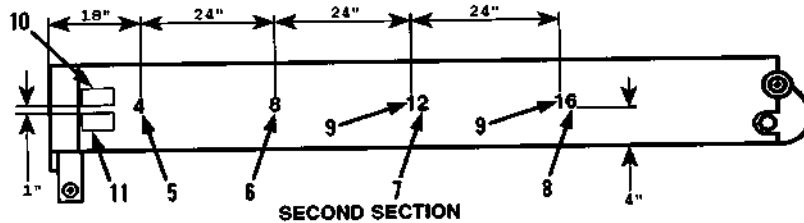
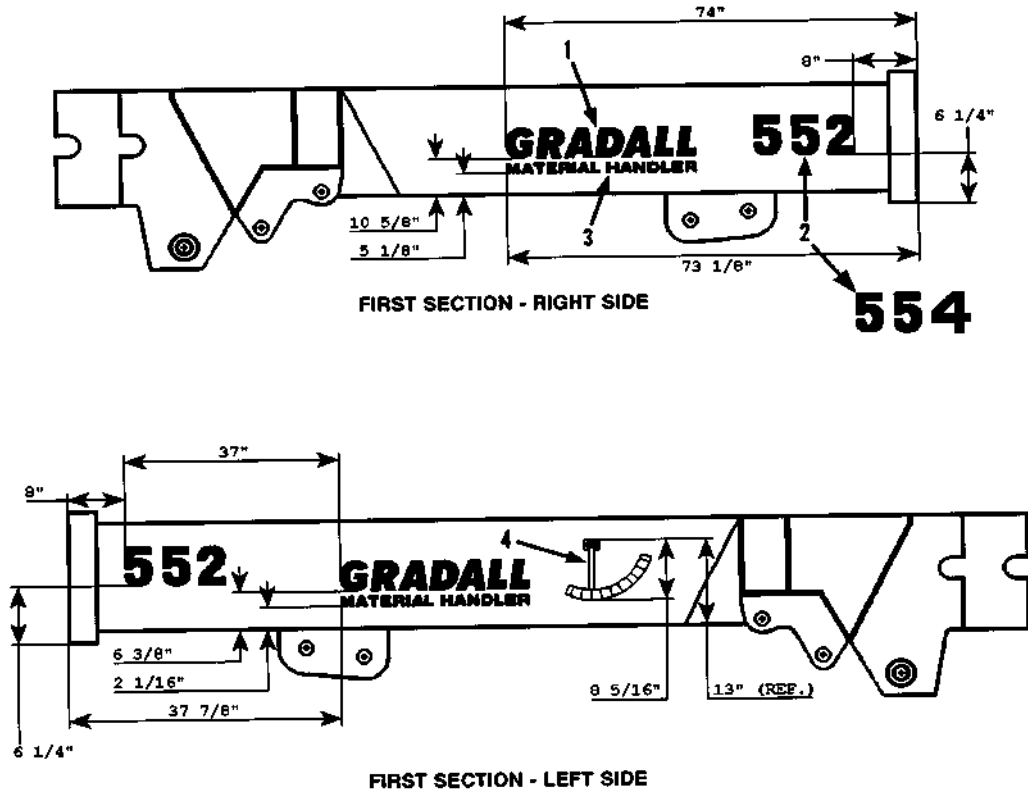
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9103-3003	1	"552" DECAL (white)	8	9104-3135	AR	"2" DECAL (black)
	9101-3002	1	"552" DECAL (black)		9100-3020	AR	"4" DECAL (white)
2	9100-3006	2	"GRADALL" DECAL (white)		9104-3136	AR	"4" DECAL (black)
	9104-3132	2	"GRADALL" DECAL (black)	9	9100-3025	AR	"6" DECAL (white)
3	9104-3039	2	"MATERIALS HANDLER" DECAL (white)		9104-3137	AR	"6" DECAL (black)
	9104-3038	2	"MATERIALS HANDLER" DECAL (black)	10	9100-3027	AR	"8" DECAL (white)
4	9100-3031	1	"BOOM ANGLE INDICATOR" DECAL		9104-3138	AR	"8" DECAL (black)
5	9100-3014	AR	"0" DECAL (white)	11	9102-3002	2	"554" DECAL (white)
	9104-3133	AR	"0" DECAL (black)		9102-3001	2	"554" DECAL (black)
6	9100-3016	AR	"1" DECAL (white)	12	9101-3005	1	BOOM EXTENSION DECAL
	9104-3134	AR	"1" DECAL (black)	13	9102-3007	1	TIRE DAMAGE DECAL
7	9100-3018	AR	"2" DECAL (white)				

2S - BOOM

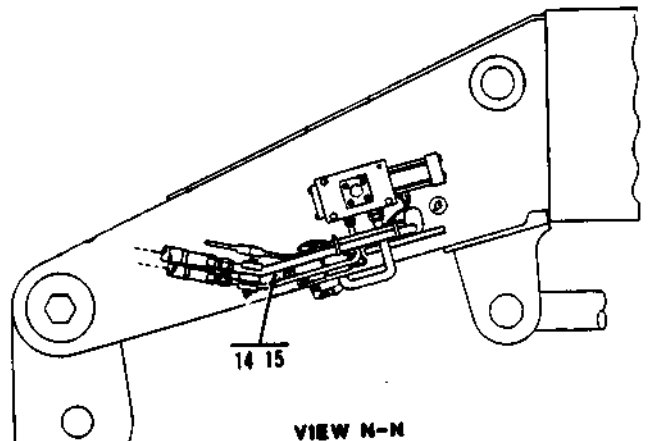
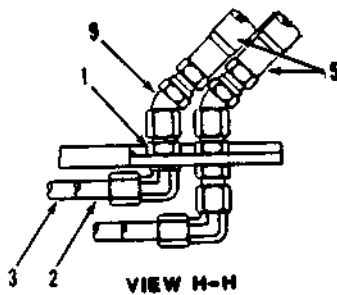
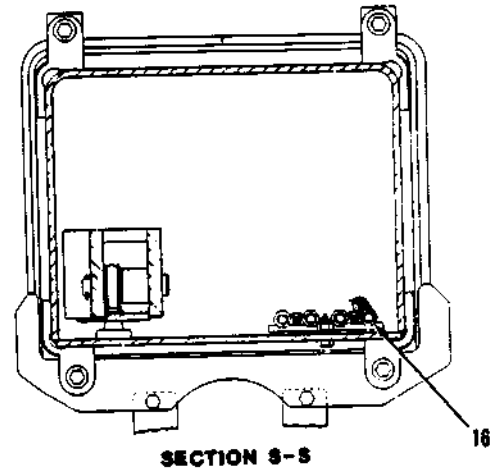
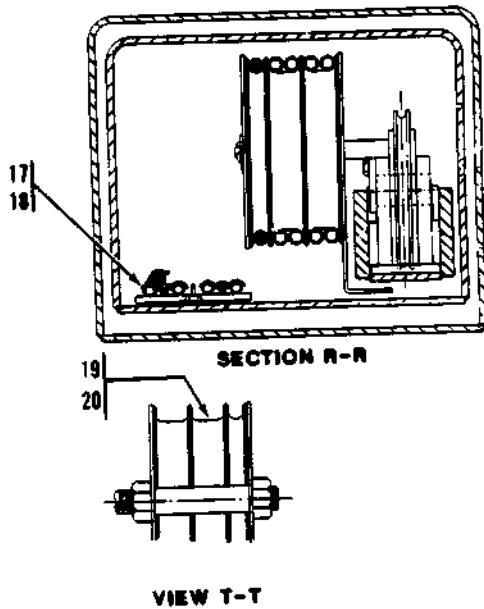
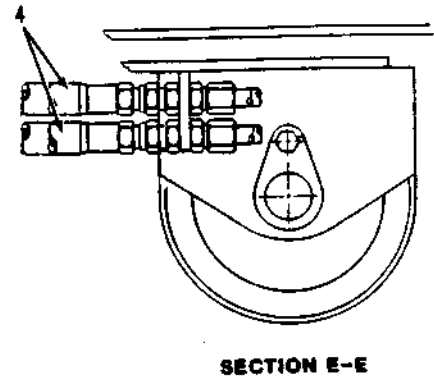
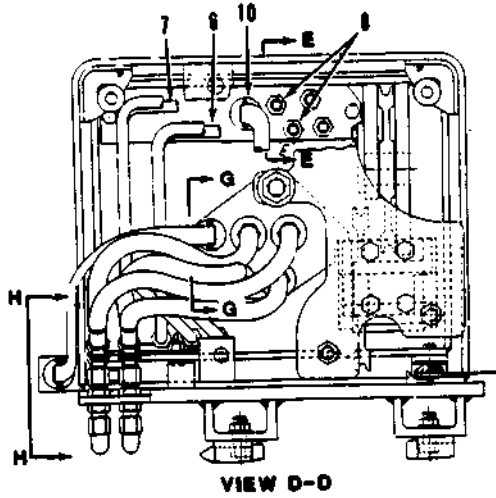


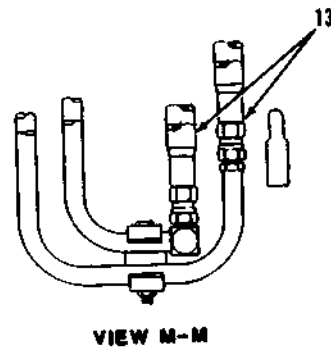
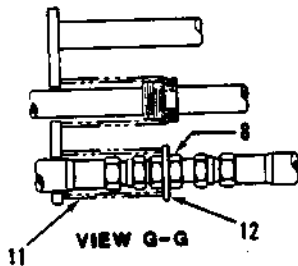
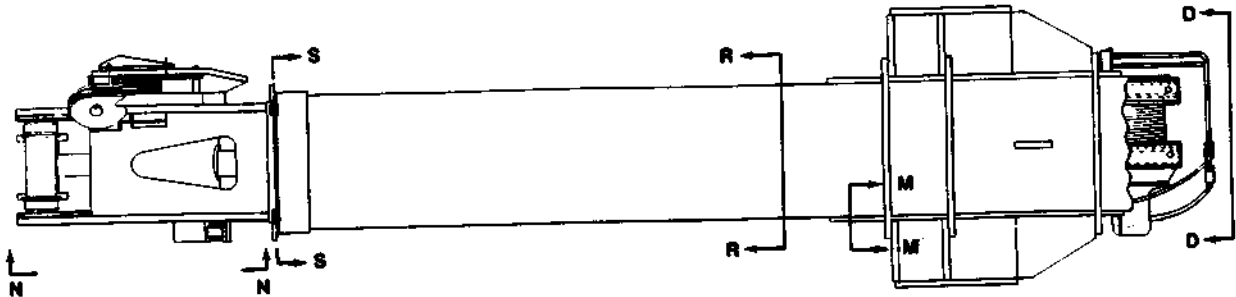
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9100-3006	2	"GRADALL" DECAL, WHITE (standard)	6	9100-3020	1	"4" DECAL, WHITE (standard)
	9104-3132	2	"GRADALL" DECAL, BLACK (optional)		9104-3136	1	"4" DECAL, BLACK (optional)
2	9101-3003	2	"552" DECAL, WHITE (standard)	7	9100-3025	1	"6" DECAL, WHITE (standard)
	9101-3002	2	"552" DECAL, BLACK (optional)		9104-3157	1	"6" DECAL, BLACK (optional)
	9102-3002	2	"554" DECAL, WHITE (standard)	8	9100-3027	1	"8" DECAL, WHITE (standard)
	9102-3001	2	"554" DECAL, BLACK (optional)		9104-3138	1	"8" DECAL, BLACK (optional)
3	9104-3039	2	"MATERIAL HANDLER" DECAL, WHITE (standard)	9	9100-3014	1	"0" DECAL, WHITE (standard)
	9104-3038	2	"MATERIAL HANDLER" DECAL, BLACK (optional)		9104-3133	1	"0" DECAL, BLACK (optional)
4	9100-3031	1	ANGLE INDICATOR DECAL	10	9102-3007	1	TIRE DAMAGE DECAL
5	9100-3018	1	"2" DECAL, WHITE (standard)	11	9100-3016	1	"1" DECAL, WHITE (standard)
	9104-3135	1	"2" DECAL, BLACK (optional)		9104-3134	1	"1" DECAL, BLACK (optional)

3S - BOOM

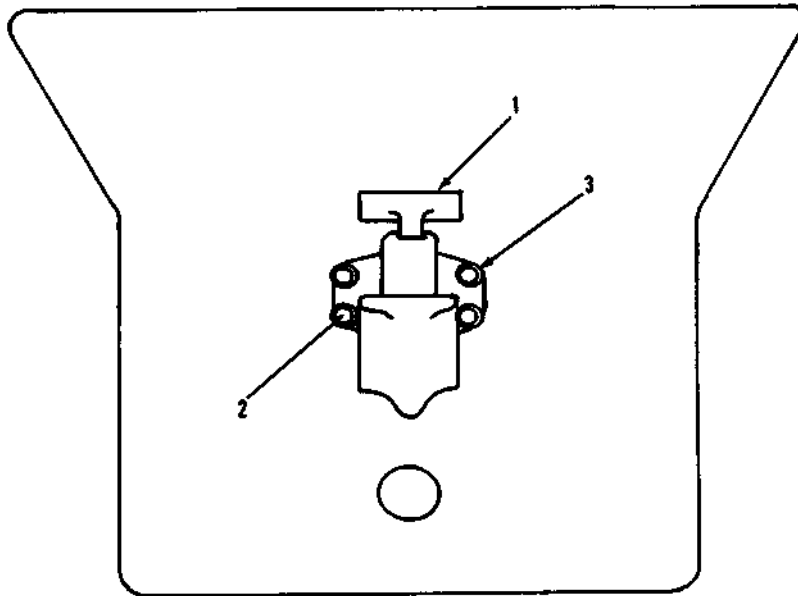


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9100-3006	2	"GRADALL" DECAL, WHITE (standard)	5	9100-3020	1	"4" DECAL, WHITE (standard)
	9104-3132	2	"GRADALL" DECAL, BLACK (optional)		9104-3136	1	"4" DECAL, BLACK (optional)
2	9101-3003	2	"552" DECAL, WHITE (standard)	6	9100-3027	1	"8" DECAL, WHITE (standard)
	9101-3002	2	"552" DECAL, BLACK (optional)		9104-3138	1	"8" DECAL, BLACK (optional)
	9102-3002	2	"554" DECAL, WHITE (standard)		7	9100-3018	1
9102-3001	2	"554" DECAL, BLACK (optional)	9104-3135	1		"2" DECAL, BLACK (optional)	
3	9104-3039	2	"MATERIAL HANDLER" DECAL, WHITE (standard)	8	9100-3025	1	"6" DECAL, WHITE (standard)
	9104-3038	2	"MATERIAL HANDLER" DECAL, BLACK (optional)		9104-3157	1	"6" DECAL, BLACK (optional)
4	9100-3031	1	ANGLE INDICATOR DECAL	9	9100-3016	1	"1" DECAL, WHITE (standard)
					9104-3134	1	"1" DECAL, BLACK (optional)
				10	9102-3007	1	TIRE DAMAGE DECAL
				11	9101-3005	1	BOOM EXTENSION DECAL

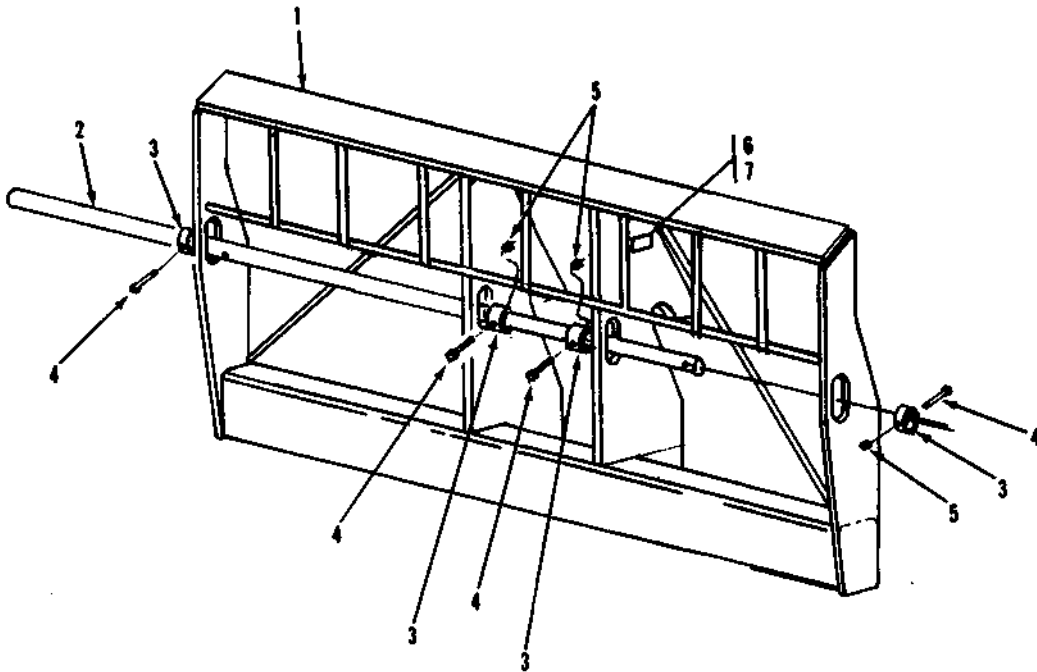




Item	Part No.	Qty.	Description Of Part
	9101-5052	Ref	AUXILIARY HYDRAULIC INSTALLATION (includes all items)
1	9002-9938	2	90 DEGREE BULKHEAD FITTING
2	9060-1433	1	TUBE ASSY
3	9060-1432	1	TUBE ASSY
4	9020-1978	2	HOSE ASSY
5	9002-2043	2	HOSE ASSY
6	9060-1196	1	TUBE ASSY
7	9060-1197	1	TUBE ASSY
8	9002-9939	4	BULKHEAD FITTING
9	8866-2121	2	ELBOW, 45 DEGREES, (swivel nut)
10	9020-4263	1	STRAIN RELIEF CONNECTORS
11	9020-0313	2	SPRING
12	8856-1117	2	FLAT WASHER, 1"
13	9002-2043	2	HOSE ASSY
14	9060-1540	1	TUBE ASSY
15	9060-1541	1	TUBE ASSY
16	9060-1330	2	TUBE ASSY
17	9020-0482	3	TUBE CLAMP
18	8820-1035	3	HEX HD CAPSCREW, 3/8-16X1, GR5
19	9040-1154	1	HOSE SHEAVE
20	9020-0314	2	BUSHING

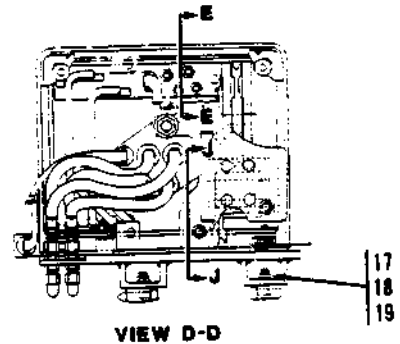
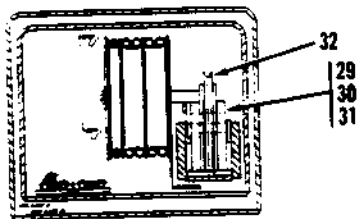
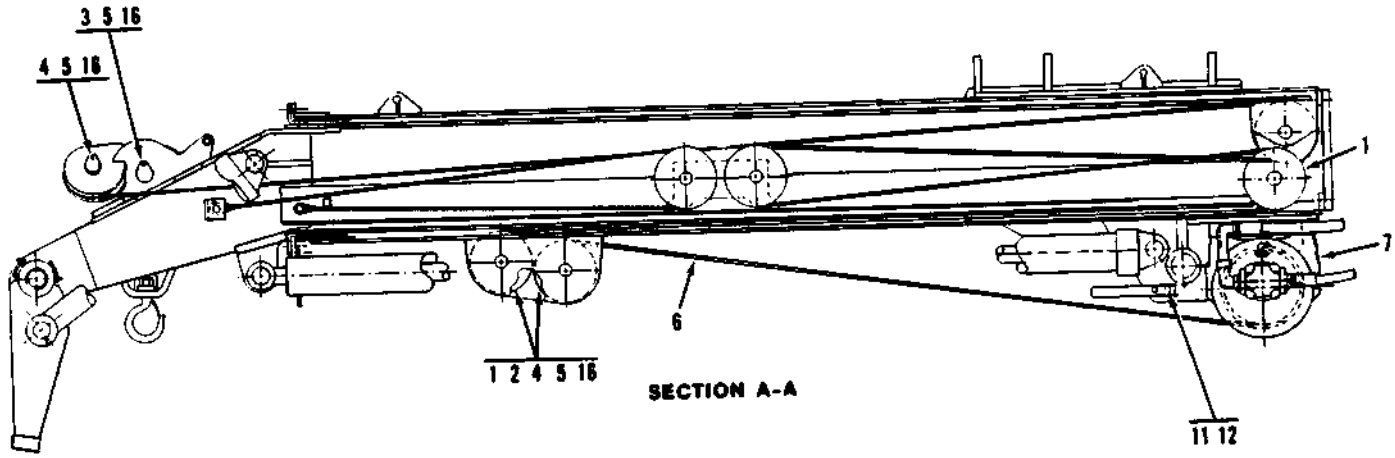
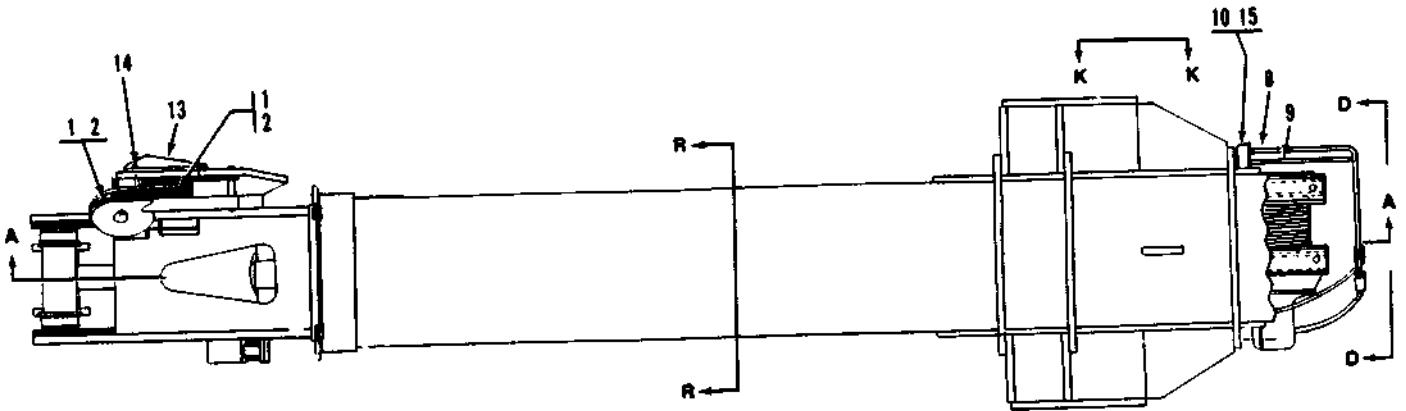


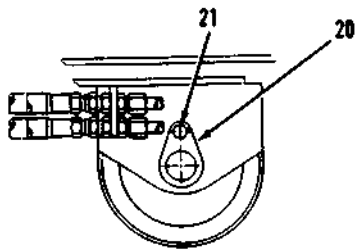
Item	Part No.	Qty.	Description Of Part
	9101-5014		TOW HOOK INSTALLATION (includes all items)
1	9020-0602	1	PINTLE HOOK
2	8820-1068	4	HEX HD CAPSCREW
3	8855-1013	4	LOCKWASHER



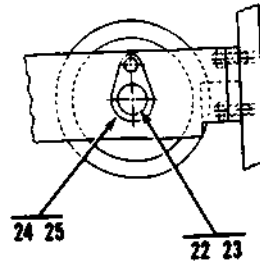
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9025-5003		80" CARRIAGE ASSY (includes all items)		9025-5018		60" CARRIAGE ASSY (includes all items)
1	9080-0824	1	CARRIAGE WELDMENT	1	9080-0825	1	CARRIAGE WELDMENT
2	9040-1918	2	FORK PIN	2	9040-1917	2	FORK PIN
3	9020-0752	4	COLLAR	3	9020-0752	4	COLLAR
4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5	4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	4	HEX LOCKNUT, 5/8-11	5	8852-1310	4	HEX LOCKNUT, 5/8-11
6	9015-3001	1	SERIAL NO. PLATE	6	9015-3001	1	SERIAL NO. PLATE
7	8834-1022	4	DRIVE SCREW #10x3/8	7	8834-1022	4	DRIVE SCREW #10x3/8

Item	Part No.	Qty.	Description Of Part
	9025-5041		48" CARRIAGE ASSY (includes all items)
1	9025-6002	1	CARRIAGE WELDMENT
2	9025-1015	2	FORK PIN
3	9020-0752	4	COLLAR
4	8820-1107	4	HEX HD CAPSCREW, 5/8-11x5 GR5
5	8852-1310	4	HEX LOCKNUT, 5/8-11
6	9015-3001	1	SERIAL NO. PLATE
7	8834-1022	4	DRIVE SCREW #10x3/8

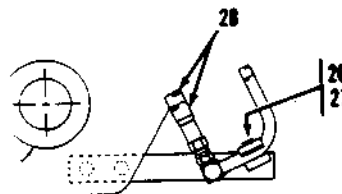




SECTION E-E

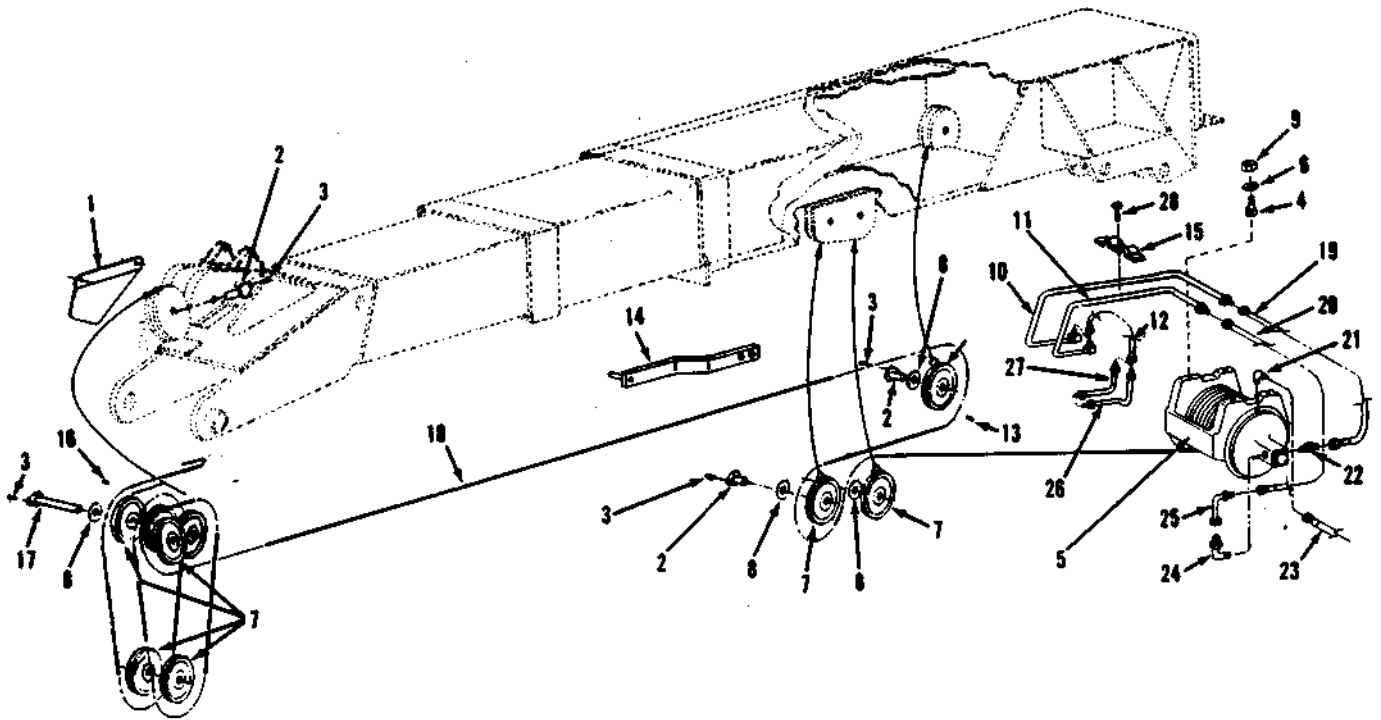


VIEW J-J



VIEW K-K

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9101-5051	Ref	WINCH W/4L INSTALLATION (includes all items)	16	8867-1001	4	LUBE FITTING - STRAIGHT, 1/8
1	9040-0301	8	SHEAVE	17	7714-1077	4	HARDENED WASHER
2	9020-0253	5	THRUST WASHER	18	8850-1010	4	HEX NUT, 5/8-11
3	9040-1097	1	PIN	19	8320-1022	4	HEX HD CAPSCREW, 5/8-11X2-1/4, GR5
4	9040-0993	3	PIN	20	9040-0993	1	PIN
5	8820-1063	4	HEX HD CAPSCREW, 1/2-13X3/4, GR5	21	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5
6	9101-3097	Ref	CABLE	22	9020-0253	1	THRUST WASHER
7	9102-3063	1	WINCH (see page 4-5 for details)	23	9020-1885	1	SPACER
8	9102-3054	1	TUBE ASSY	24	9040-1631	1	PIN
9	9102-3053	1	TUBE ASSY	25	8867-1001	2	LUBE FITTING - STRAIGHT, 1/8
10	8820-1036	1	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5	26	9020-0483	1	TUBE CLAMP
11	9040-1590	1	BRACKET	27	8820-1036	1	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
12	8820-1065	2	HEX HD CAPSCREW, 1/2-13X1, GR5	28	9002-2044	2	HOSE ASSY
13	9040-1586	1	SHEAVE GUIDE	29	8867-1001	2	LUBE FITTING - STRAIGHT, 1/8
14	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5	30	9040-0993	2	PIN
15	9020-0483	1	TUBE CLAMP	31	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5
				32	9040-0301	2	SHEAVE



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9101-5046		WINCH INSTALLATION (includes 1 thru 18)	18	9101-3097	1	WINCH CABLE
1	9040-1586	1	SHEAVE GUIDE	19	9002-2044	1	HOSE ASSY
2	9040-0993	4	PIN	20	8471-6247	1	HOSE ASSY
3	8820-1065	4	HEX HD CAPSCREW, 1/2-13x1 GR5	21	8866-1114	1	MALE ELBOW - 90 DEGREES 3/4 x 1/2 TUBE
4	8320-1022	4	HEX HD CAPSCREW	22	8866-2025	1	CONNECTOR (includes o ring)
5		Ref	WINCH (see page 4-5)	23	8859-1209	1	O RING
6	7714-1077	4	WASHER	24	8471-6377	1	HOSE ASSY
7	9040-0301	AR	SHEAVE (with bushing)	25	8866-2061	1	ELBOW - 90 DEGREES (includes o ring)
8	9020-0253	5	THRUST WASHER	26	8859-1209	1	O RING
9	8850-1010	4	HEX NUT, 5/8-11	27	8366-1260	1	SWIVEL NUT ELBOW
10	9102-3054	1	TUBE ASSY	28	9060-1179	1	TUBE ASSY
11	9102-3053	1	TUBE ASSY		9060-1178	1	TUBE ASSY
12	9002-2044	2	HOSE ASSY		8820-1036	1	HEX HD CAPSCREW, 3/8-16x1-3/4 GR5
13	8867-1022	2	LUBE FITTING - 90 DEG 1/8				
14	9040-1590	1	TUBE LINE BRACKET				
15	9020-0482	1	TUBE CLAMP				
16	8867-1001	2	LUBE FITTING - STRAIGHT 1/8				
17	9040-1097	1	PIN				