

PARTS MANUAL
FOR
HAGIE MODEL 200 DETASSELER

HAGIE MANUFACTURING COMPANY

BOX 273 CLARION, IOWA 50525 (515) 532-2861

COVERS MACHINE SERIAL NUMBERS: 042439001 thru 042439100

06-93 493131
02-08

DETASSELER IDENTIFICATION

Each Hagie detasseler is identified by means of a frame serial number. This serial number denotes the model, the year in which it was built, and the number of the detasseler. As for further identification, the engine has a serial number, the hydrostatic pump has a serial number, the wheel motors have identification tags, and the planetary hubs have identification plates that describe the type of mount and gear ratio. To insure prompt, efficient service when ordering parts or requesting service repairs from Hagie Manufacturing Company, record the serial and identification numbers in the space provided below.

NOTE: Reference to left hand and right hand used throughout this manual refers to the position when seated in the operator's seat facing forward.

DETASSELER SERIAL NUMBER

ENGINE SERIAL NUMBER

PLANETARY HUB IDENTIFICATION NUMBERS

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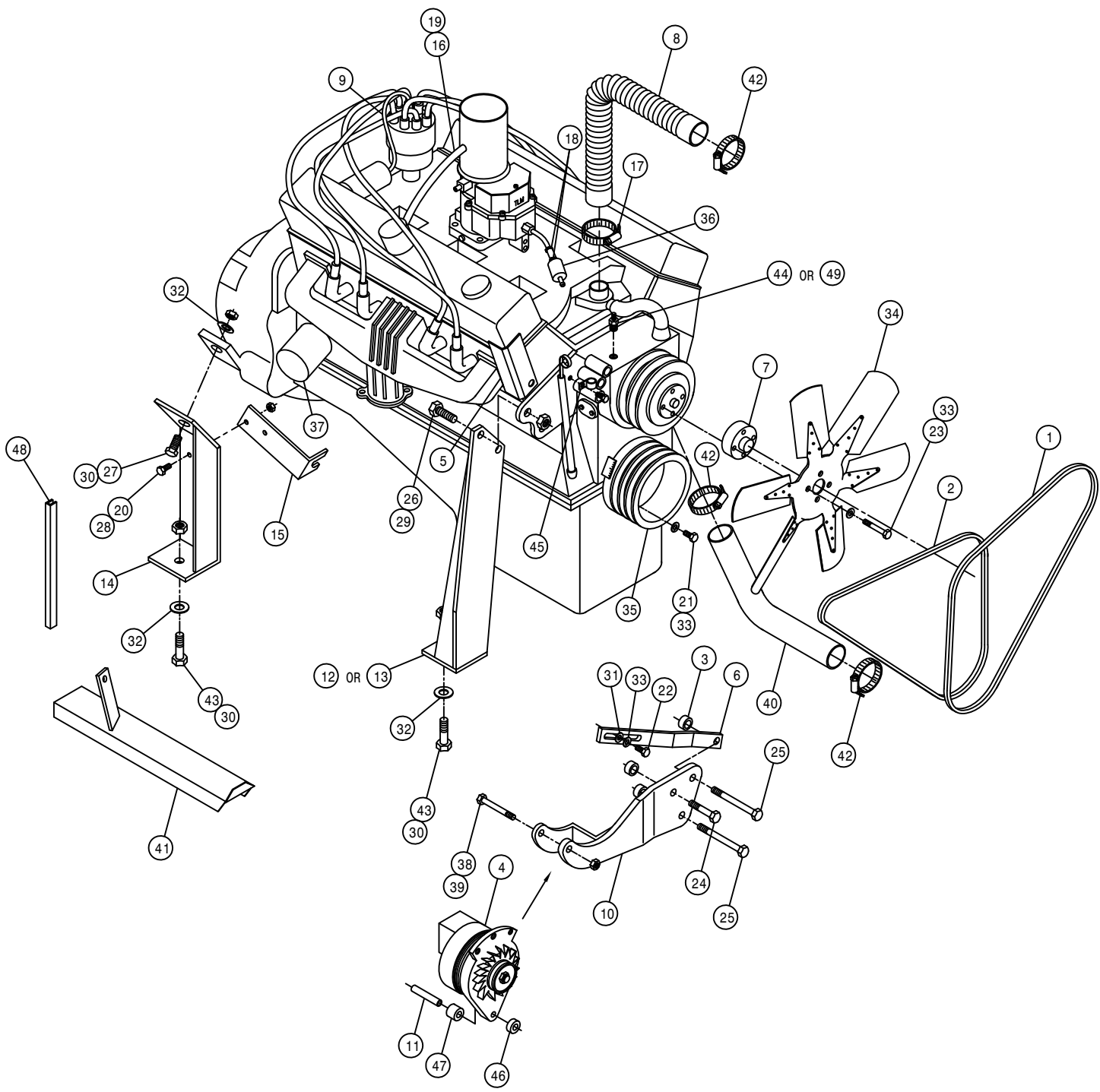
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CHRYSLER ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

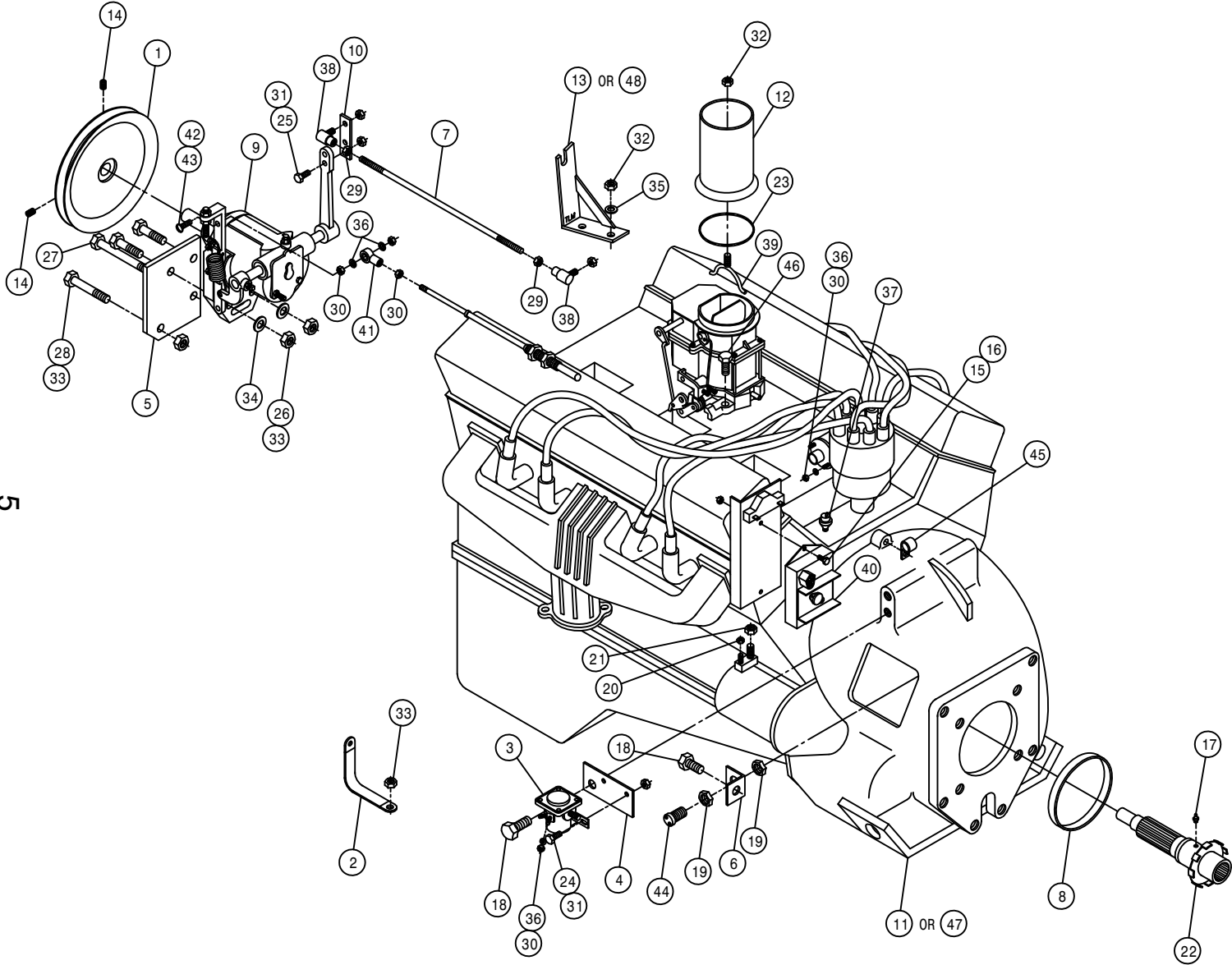
1	1	147000	BELT GATES 2490 TRUFLEX	
2	1	147001	BELT GATES 7512	
3	3	200015	ADJ TUBE SPACER3/40DX11GAX3/8	
4	1	291487	72 AMP ALT W/ REGULATOR	
5	1	314303	EXHAUST MANIF HEAT SHIELD	
6	1	314309	ALT ADJ ARM	
7	1	314359	FAN SPACER CHRY 383014	
8	1	314832	RADIATOR HOSE 1.75 X 19	
9	1	314841	COIL WIRE FOR CHRY 318	
10	1	314849	CHRY 72A ALT MT WLD	90
11	1	314852	CHRY 72A ALT MT SLV PRESTO	90
12	1	341793	RH FRT MTR MT WLD 200 318	89
13	1	341794	LH FRT MTR MT WLD 200 318	89
14	2	341797	REAR MTR MT WLD 200 318	89
15	1	341815	HYDST CABLE MT 200 CHRY 318	
16	2	520070	HOSE CLAMP NO 8 PLATED	
17	1	520085	HOSE CLAMP NO 24 PLATED	
18	2	520120	HOSE CLAMP NO 4 PLATED MINI	
19	1	601151	HOSE, 5/8 X 12 HEATER	
20	2	900002	1/4UNC X 3/4 HEX BOLT	
21	6	900064	5/16UNC X 3/4 HEX BOLT	
22	1	900065	5/16UNC X 1 HEX BOLT	
23	4	900069	5/16UNC X 2 HEX BOLT	
24	1	900132	3/8UNC X 1 3/4 HEX BOLT	
25	2	900142	3/8UNC X 5 HEX BOLT	
26	4	900198	7/16UNC X 1 3/4 HEX BOLT	
27	2	900283	1/2UNC X 2 1/4 HEX BOLT	
28	2	914000	1/4UNC HEX STOVER NUT	
29	4	914006	7/16UNC HEX STOVER NUT	
30	6	914008	1/2UNC HEX STOVER NUT	
31	1	920001	5/16 FLAT WASHER SAE PLT	
32	6	920004	1/2 FLAT WASHER SAE	
33	11	920501	LOCK WASH 5/16	
34	1	316180	22 IN DIA 6 BLADE 2.25 PITCH	
35	1	314824	3GR CRANK PULLEY CHRY 318	
36	1	314388	FUEL LINE W/ FILT CHRY 318	
37	1	319260	PH8 FRAM FILT OIL	
38	1	900137	3/8UNC X 3 1/4 HEX BOLT	
39	1	914004	3/8UNC HEX STOVER NUT	
40	1	314417	LWR RAD HOSE 8240 82 318 CHRY	
41	1	314428	CABLE HEAT SHLD WLD CHRY 318	
42	3	520067	HOSE CLAMP NO 28 PLATED	
43	4	900265	1/2UNC X 1 1/2 HEX BOLT	
44	1	314471	TEMP SENDR 280D 3/8NPT FOR GA	
45	1	520128	CUSH HOSE CLAMP 9/16D X 3/4W	
46	1	314853	CHRY ALT FRONT BUSH PRESTO 90	
47	1	314854	CHRY ALT REAR BUSH PRESTO 90	
48	2	193012	QUICKEDGE TRIM .135 TO .250	
49	1	314437	TEMP SENDR 280D 1/8NPT FOR GA	

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CHRYSLER ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION



1	1	147030	6IN PULLEY A GR 5/8 BORE
2	1	290109	GROUND STRAP, 8IN 17/32 HOLES
3	1	310491	STARTER SOLENOID FORD 300 ENG
4	1	311021	START SOLENOID MT 473 CHRY
5	1	311044	GOV MT WLD
6	1	314302	TACH SENSOR MT
7	1	314311	GOV CONTROL ROD
8	1	314323	SUND PUMP SPACER RING 647 3/8
9	1	314337	GOV REWORKED 647
10	1	314341	GOV ARMEXTENSION647CHRY
11	1	314728	CHRY 318 X-8 STUB ENGINE
12	1	314732	AIR INTAKE TUBE WLD 2840 82
13	1	314878	THROT CABLE BRKT WLD CHRY 91
14	2	470054	SET SCREW 5/16X 1/4 AL HD CUP
15	2	470121	1/4UNC HEX FLANGED LOCK NUT
16	2	470122	1/4UNC X 1/2 FLANGED HEX BOLT
17	1	471005	1/4 28 X 1/2 GREASE ZERK
18	2	472363	9/16UNC X 3/4 HEX BOLT
19	2	473061	3/4UNF TRUSEAL HEX NUT
20	1	473770	05MM-.80 HEX NUT
21	1	473778	08MM-1.25 HEX NUT
22	1	800490	CHRY 318 OUTPUT SHFT WLD 14T
23	1	870334	NEO ORING 2 5/8 X 3
24	2	900000	1/4UNC X 1/2 HEX BOLT
25	2	900002	1/4UNC X 3/4 HEX BOLT
26	2	900131	3/8UNC X 1 1/2 HEX BOLT
27	1	900142	3/8UNC X 5 HEX BOLT
28	1	900170	3/8UNC X 2 1/4 HEX BOLT
29	2	910001	1/4UNF HEX NUT
30	6	910027	#10-32 HEX NUT
31	4	914000	1/4UNC HEX STOVER NUT
32	3	914002	5/16UNC HEX STOVER NUT
33	4	914004	3/8UNC HEX STOVER NUT
34	2	920002	WASH FLAT 3/8 SAE
35	2	920501	LOCK WASH 5/16
36	6	920510	LOCK WASH NO 10
37	1	314361	CHRY 318 OIL SENDER SWITCH
38	2	473918	BALL JOINT 1/4 28 FEM STUDED
39	1	314649	AIRINTK CLAMP FOR 314453 CARB
40	1	314362	ELECT IGN MODULATOR 647
41	1	473921	BALL JOINT NO 10-32 THD
42	1	914027	#10-32 HEX STOVER NUT
43	1	903893	10 32 X 1 SLT RD HD MACH SCR
44	1	291206	SENSOR SPEEDO TACH 640
45	1	520128	CUSH HOSE CLAMP 9/16D X 3/4W
46	4	900065	5/16UNC X 1 HEX BOLT
47	1	314922	CHRY ENGINE 5.2L 93
48	1	314918	THROT CABLE BRKT WLD CHRY 93

NOTE: DETAIL 47 AND 48 ARE USED WITH THE 2.5 LITER ENGINE.

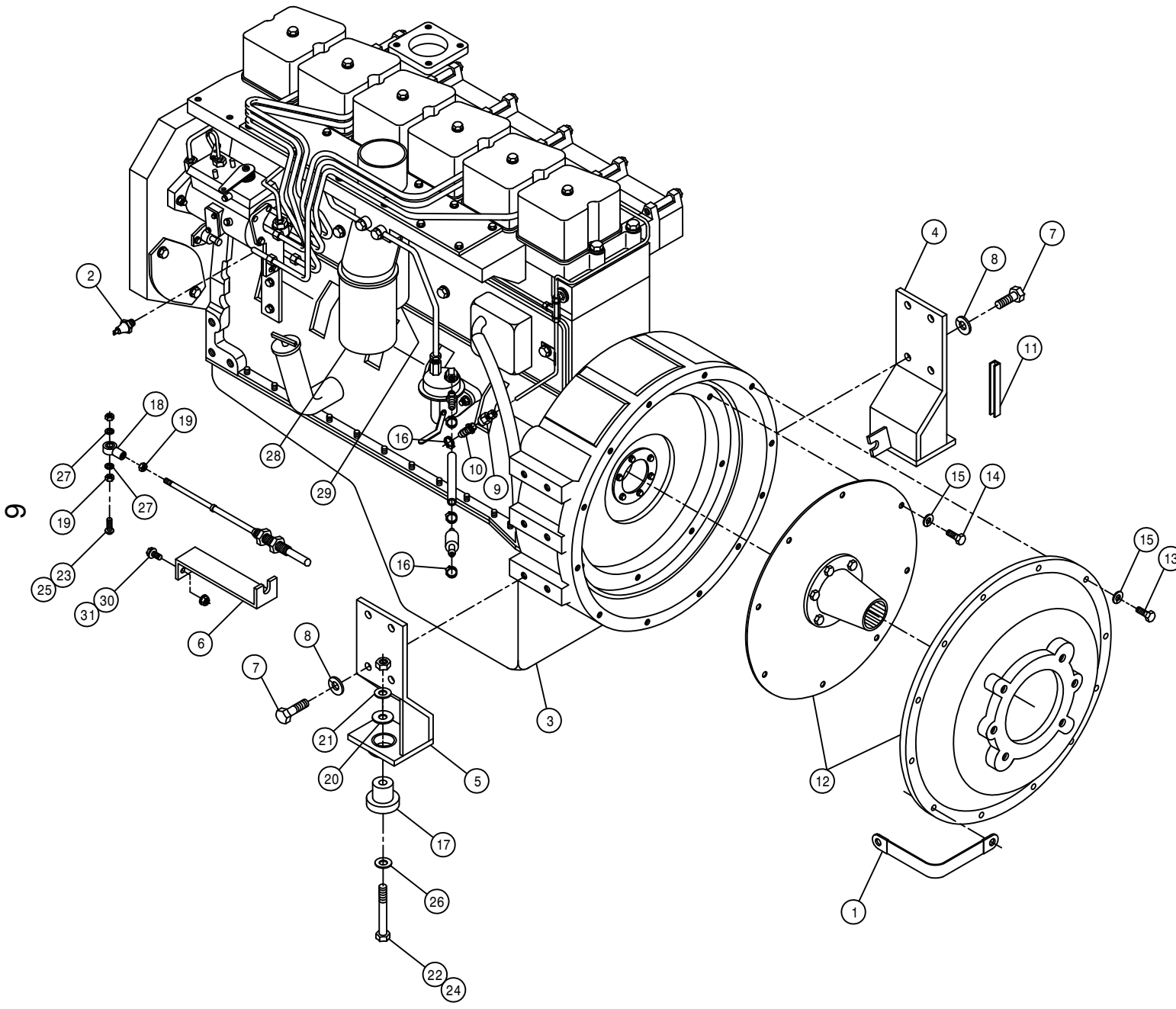
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ENGINE ASSEMBLY

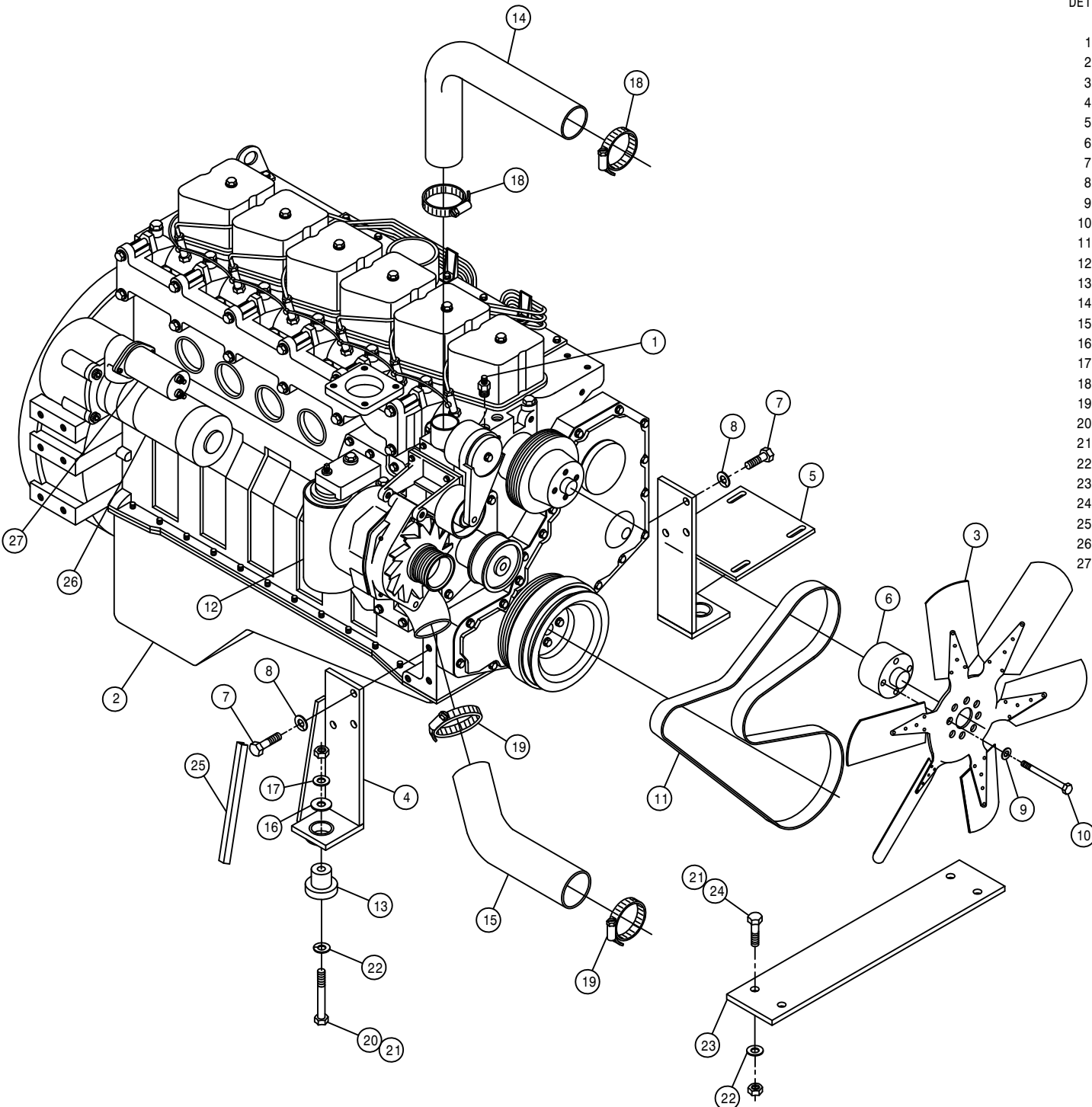
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	290107	ENG TO GROUND STRAP 8 IN TB2
2	1	314788	OIL SENDER .125NPT PERK6.3544
3	1	316185	CUMMINS ENGINE 6B5.9
4	1	316193	RH REAR MTR MT WLD CUMM 92
5	1	316194	LH REAR MTR MT WLD CUMM 92
6	1	316198	THROTTLE CABLE MT CUMM 92
7	8	473775	12MM-1.75 X 30MM HEX BOLT
8	473784	LOCKWASHER 12MM PL	
9	1	618611	1/8FNPT-3/16 TUBE ADPTR,BRASS
10	1	711001	1/8 NPT X 5/16 HOSE BARB
11	1	193012	QUICKEDGE TRIM .135 TO .250
12	1	800494	CUMM TO SUND DRIVE ASSY 14T
13	12	473792	10MM-1.50 X 30MM HEX BOLT
14	8	473793	10MM-1.50 X 20MM HEX BOLT
15	20	473798	LOCKWASHER 10MM PL TB2
16	2	520120	HOSE CLAMP NO 4 PLATED MINI
17	2	311032	ENG IS/LATOR 470 472 1978
18	1	473921	BALL JOINT NO 10-32 THD
19	2	910027	#10-32 HEX NUT
20	2	483037	FLAT WASH 5/8 REGULAR
21	2	483041	1/2 REGULAR FLAT WASH PLT
22	2	900269	1/2UNC X 2 3/4 HEX BOLT
23	1	903893	10 32 X 1 SLT RD HD MACH SCR
24	2	914008	1/2UNC HEX STOVER NUT
25	1	914027	#10-32 HEX STOVER NUT
26	2	920004	1/2 FLAT WASHER SAE
27	2	920510	LOCK WASH NO 10
28	1	316208	FUEL FILTER, PRIMARY CUMM 92
29	1	316209	FUEL FILTER, SECONDARY CUMM92
30	2	470118	1/4UNC X 3/4 FLANGED HEX BOLT
31	2	470121	1/4UNC HEX FLANGED LOCK NUT



ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION



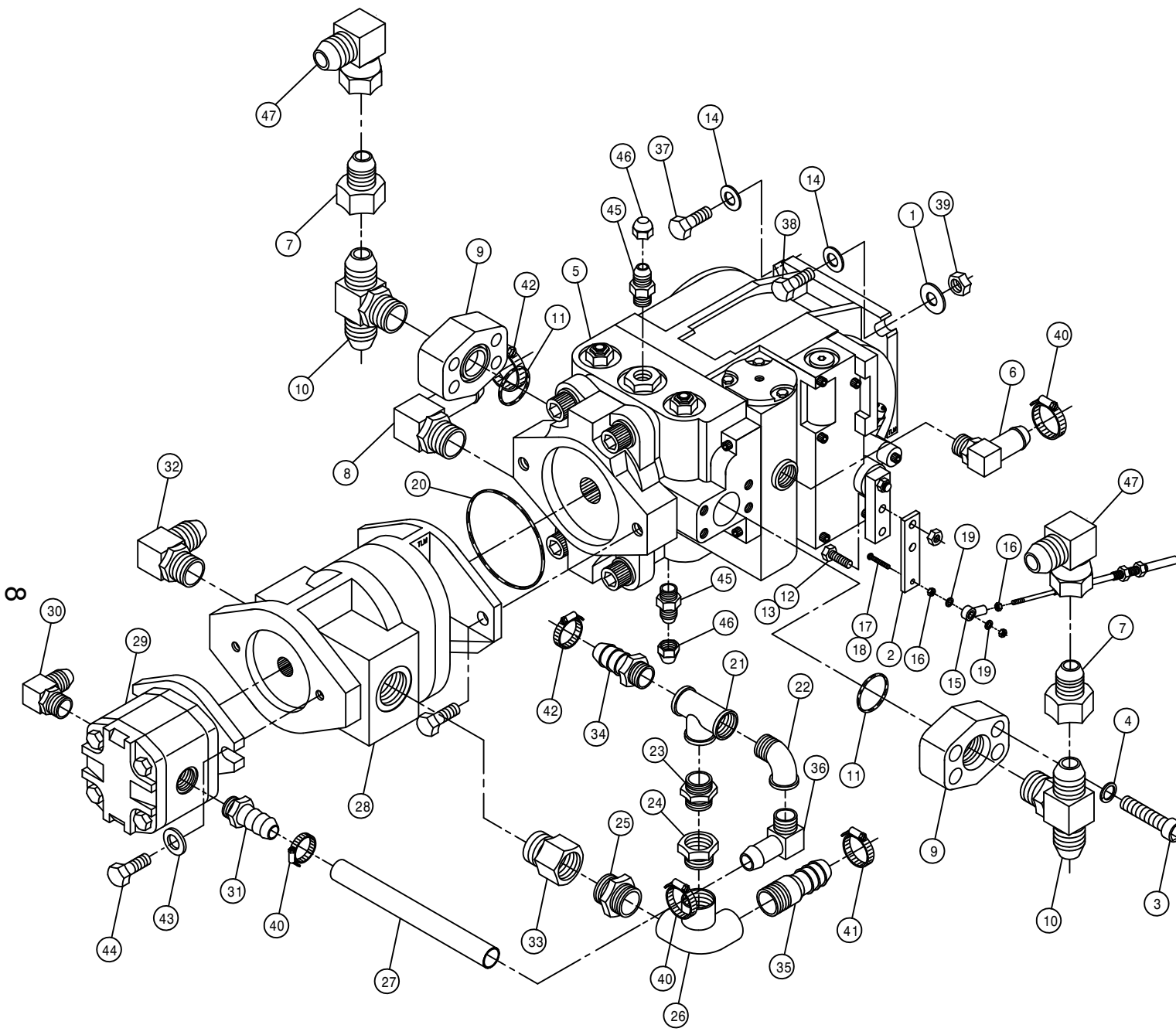
DET.	QTY	PART NO.	DESCRIPTION
1	1	314836	TEMP SENDR 280D 1/2NPT FOR GA
2	1	316185	CUMMINS ENGINE 6B5.9
3	1	316180	22 IN DIA 6 BLADE 2.25 PITCH
4	1	316187	RH FRT MTR MT WLD CUMM 92
5	1	316188	LH FRT MTR MT WLD CUMM 92
6	1	316199	22IN FAN SPACER CUMM 92
7	6	473775	12MM-1.75 X 30MM HEX BOLT
8	6	473784	LOCKWASHER 12MM PL
9	4	473804	8MM LOCKWASHER
10	4	473822	08MM-1.25 X 70MM HEX BOLT
11	1	316206	POLY V BELT CUMMINS DIESEL 92
12	1	316207	LUBE FILTER CUMMINS DIESEL 92
13	2	311032	ENG IS/LATOR 470 472 1978
14	1	314832	RADIATOR HOSE 1.75 X 19
15	1	314886	RADIATOR HOSE 2 1/4 20717
16	2	483037	FLAT WASH 5/8 REGULAR
17	2	483041	1/2 REGULAR FLAT WASH PLT
18	2	520067	HOSE CLAMP NO 28 PLATED
19	2	520099	HOSE CLAMP NO 40 PLATED
20	2	900269	1/2UNC X 2 3/4 HEX BOLT
21	6	914008	1/2UNC HEX STOVER NUT
22	6	920004	1/2 FLAT WASHER SAE
23	1	341968	TIE PLT 250/280 CUMM 92
24	4	900265	1/2UNC X 1 1/2 HEX BOLT
25	1	193012	QUICKEDGE TRIM .135 TO .250
26	1	316216	STARTER FOR 316185-CUMM 6CYL
27	1	316217	START SOL FOR 316185-CUMM6CYL

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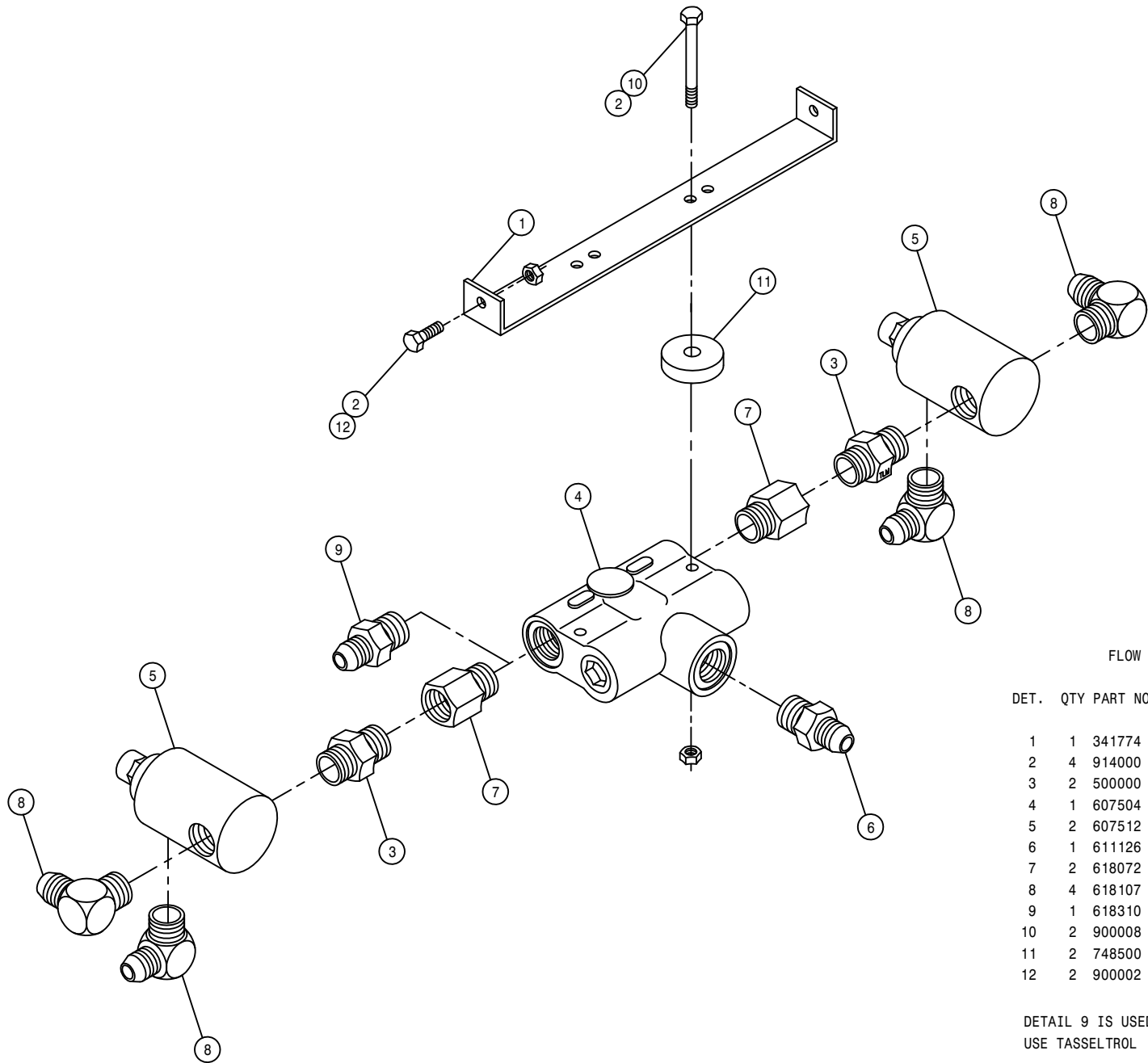
SUNDSTRAND PUMP ASSEMBLY

DET. QTY PART NO. DESCRIPTION



1	2	483041	1/2 REGULAR FLAT WASH PLT
2	1	316160	PUMP CONT LEVER EXT 280 CUMM
3	8	470188	7/16-14 X 1 1/2 SOCHD CAP SCR
4	8	470189	7/16 HC LOCK WASH FOR 618598
5	1	606884	SUND 75CC ECLIPSE PUMP B-MT
6	1	618118	3/4 HOSE BARB-90-1 1/16MOR
7	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR
8	1	618564	1IN HOSE BARB-90-1 5/16MOR
9	2	618598	1 IN 4-BOLT FLG X 1 5/16FOR
10	2	618599	1 5/16MOR BRANCH TEE-1 5/16MJ
11	2	870219	BUNA ORING 1 5/16 X 1 9/16
12	2	900003	1/4UNC X 1 HEX BOLT
13	2	914000	1/4UNC HEX STOVER NUT
14	4	920004	1/2 FLAT WASHER SAE
15	1	473921	BALL JOINT NO 10-32 THD
16	2	910027	#10-32 HEX NUT
17	1	903893	10 32 X 1 SLT RD HD MACH SCR
18	1	914027	#10-32 HEX STOVER NUT
19	2	920510	LOCK WASH NO 10
20	1	608670	O-RING FOR 606865 SUND B-MT
21	1	505101	BLK PIPE TEE 1.00NPT
22	1	505200	BLK PIPE ST EL 90DEG 1.00NPT
23	1	505105	1MNPT HEX PIPE NIPPLE STL
24	1	506005	1 1/4 TO 1 RED BUSH BLK MAL
25	1	507026	1 1/4MNPT HEX PIPE NIPPLE STL
26	1	506701	SIDE OUTLET EL 90DEG 1.25NPT
27	1	601311	HOSE, 3/4 X 8 2BR RED
28	1	606894	SUND GEAR PUMP 3.40CI SPLINED
29	1	606891	SUND GEAR PMP .52CI SPLINED
30	1	611128	7/8MJIC-90-7/8MOR LBO
31	1	618075	3/4 HOSE BARB-1 1/16MOR
32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
33	1	618596	1 5/8MOR-1 1/4FNPT ADPTR
34	1	714560	1NPT X 1 HOSE BARB
35	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
36	1	716000	3/4 HOSE BARB-90-1MNPT
37	2	900266	1/2UNC X 1 3/4 HEX BOLT
38	2	900267	1/2UNC X 2 HEX BOLT
39	2	914008	1/2UNC HEX STOVER NUT
40	3	520055	HOSE CLAMP NO 12 PLATED
41	1	520085	HOSE CLAMP NO 24 PLATED
42	2	520087	HOSE CLAMP NO 20 PLATED
43	2	920002	WASH FLAT 3/8 SAE
44	2	900130	3/8UNC X 1 1/4 HEX BOLT
45	2	618126	9/16MJIC-9/16MOR ADPTR
46	2	618531	9/16FJIC CAP NUT
47	2	618191	1 1/16MJ-90-1 1/16FJ SWIV LBO

NOTE: 1. ASSEMBLY SHOWN IS FOR GAS OPTION EXCEPT FOR DETAIL 47 WHICH IS FOR DIESEL OPTION.
 2. FOR DIESEL OPTION REPLACE ITEMS 1, 14, 37, 38, AND 39 WITH (4) 900265 - 1/2 UNC X 1 1/2 HEX BOLT AND (4) 920004 - 1/2 SAE FLAT WASHER.



FLOW DIVIDER ASSEMBLY

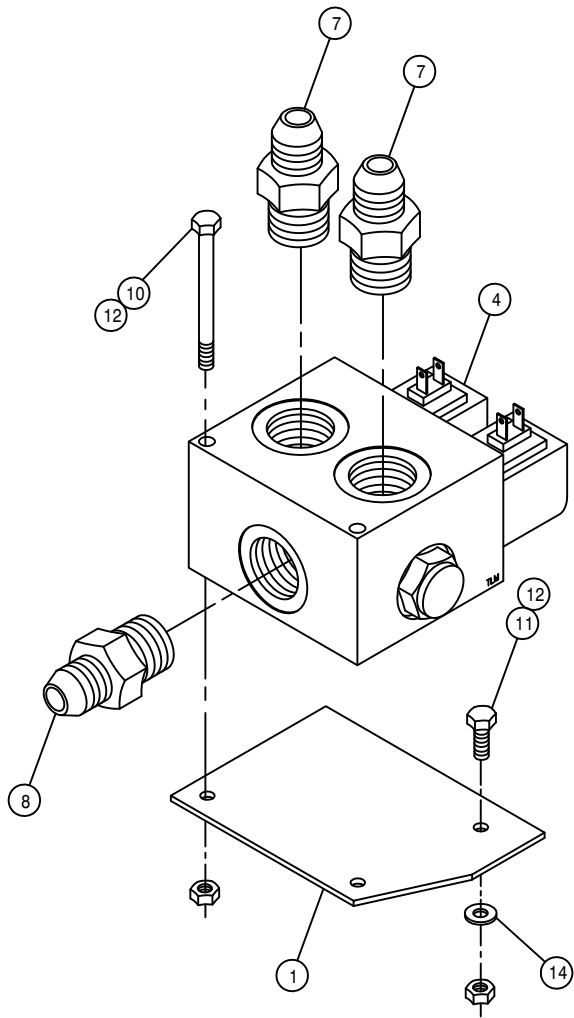
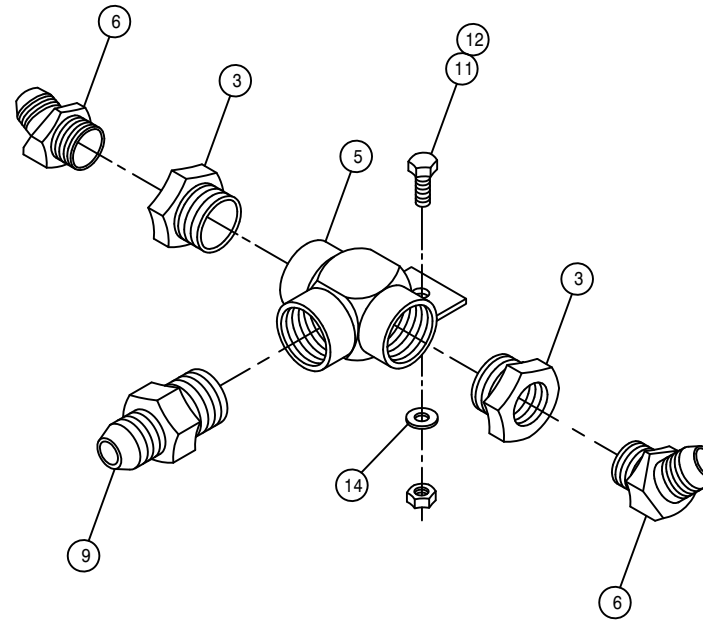
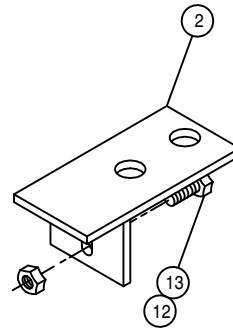
DET.	QTY	PART NO.	DESCRIPTION	
1	1	341774	FLOW DIVIDER MT 280	89
2	4	914000	1/4UNC HEX STOVER NUT	
3	2	500000	1/2MNPT HEX PIPE NIPPLE STL	
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	
5	2	607512	RELIEF VALVE, RL50 1800 PSI	
6	1	611126	7/8MJIC-7/8MOR ADPTR	
7	2	618072	7/8MOR-1/2FNPT ADPTR	
8	4	618107	9/16MJIC-90-1/2MNPT LBO	
9	1	618310	9/16MJIC-7/8MOR ADPTR	
10	2	900008	1/4UNC X 2 1/2 HEX BOLT	
11	2	748500	RUBER WASH 3/8X1/4IDX1 1/2 OD	
12	2	900002	1/4UNC X 3/4 HEX BOLT	

DETAIL 9 IS USED WITH OPTIONS THAT
USE TASSELTRON

POSITRACTION VALVE ASSEMBLY

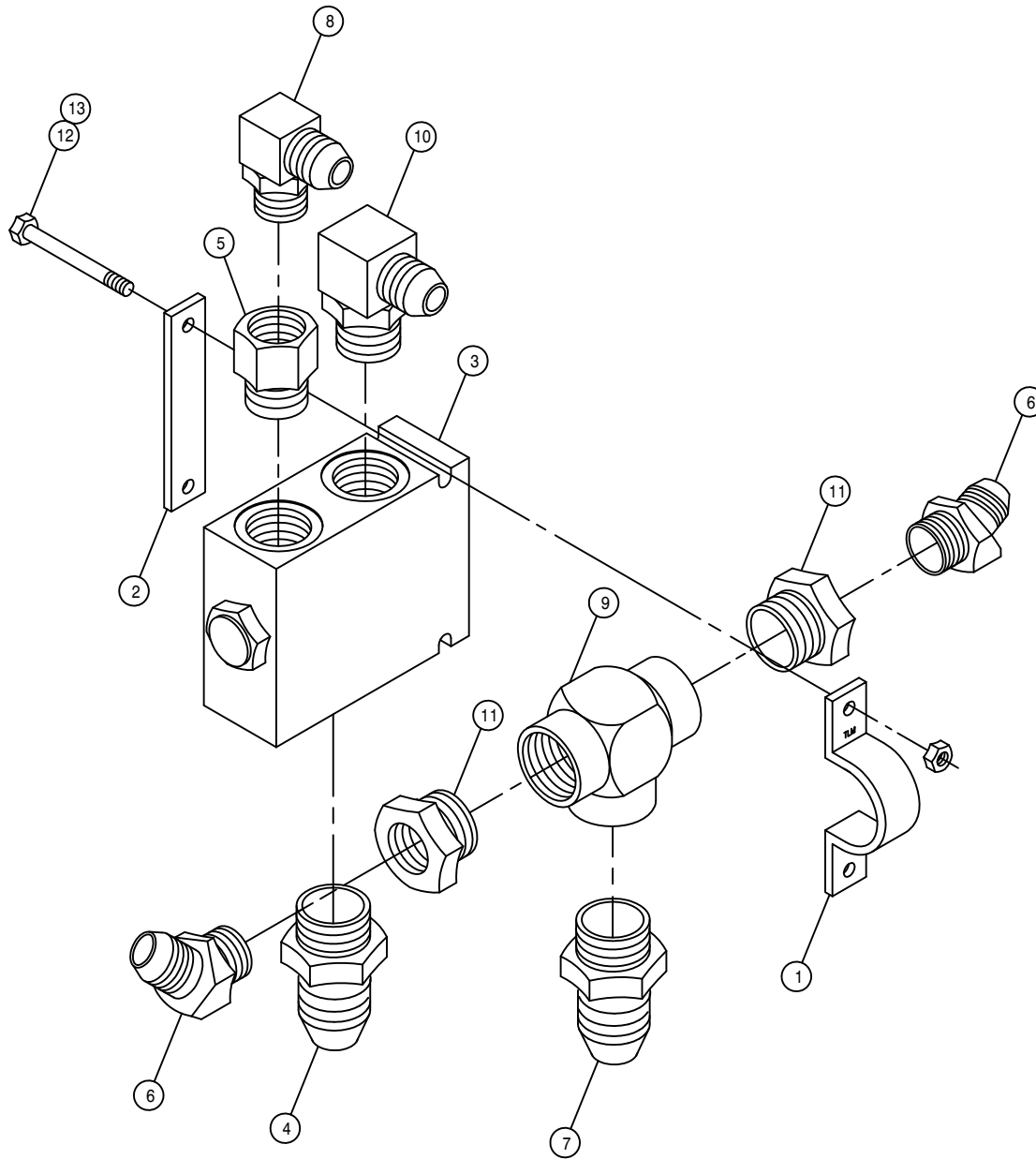
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION	
1	1	341849	POSITRACTION VALVE MT	200
2	1	341850	200 RETURN TEE MT WLD	89
3	2	505213	RED BUSH 1 X 3/4 BLK MAL	
4	1	610513	POSITRACTION VLV W/BYPASS 60G	
5	1	614660	1IN STL TEE WLD 280	89
6	2	618156	7/8MJIC-90-3/4MNPT LBO	
7	2	618601	7/8MJIC-1 5/16MOR ADPT	
8	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	
9	1	618322	1 5/16MJIC-1MNPT ADPTR	
10	2	900012	1/4UNC X 3 1/2 HEX BOLT	
11	2	900002	1/4UNC X 3/4 HEX BOLT	
12	5	914000	1/4 UNC STOVER NUT	
13	1	900003	1/4UNC X 1 HEX BOLT	
14	2	920000	1/4 FLAT WASH SAE	



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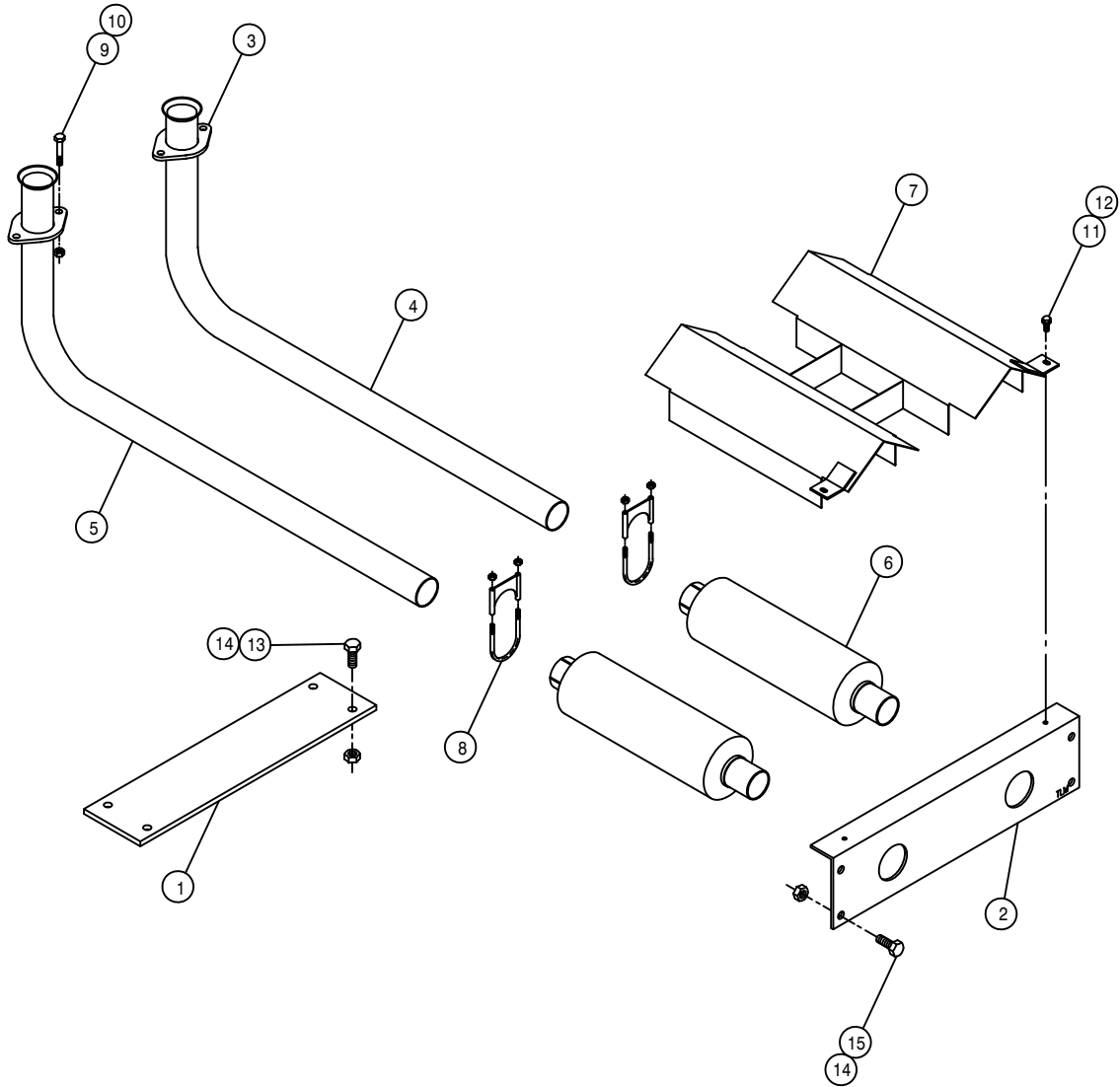
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POSITRACTION VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

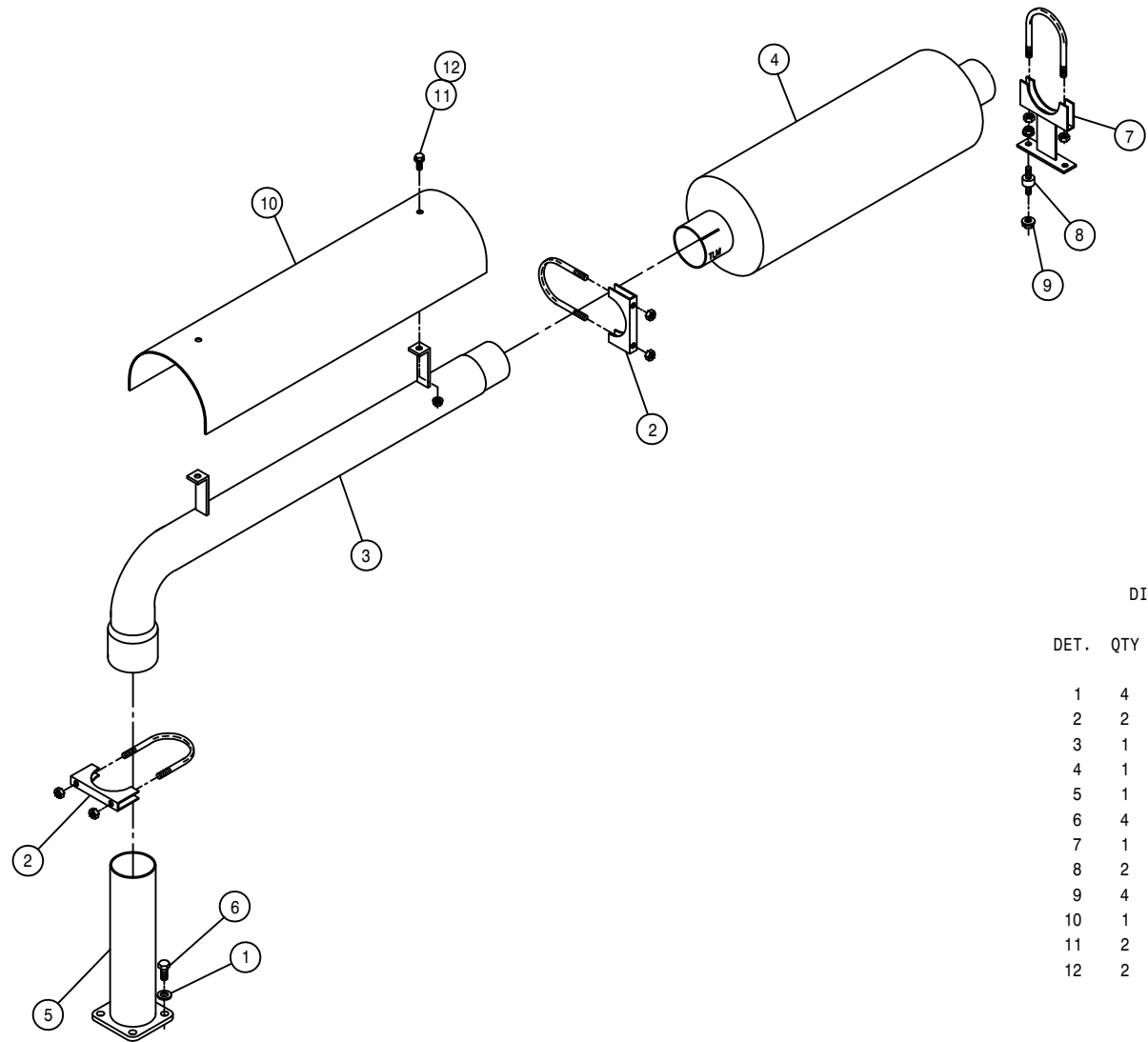
1	1	314842	TEE CLAMP, TRAC VLV 200	89
2	1	314843	TEE KEEPER, TRAC VLV 200	89
3	1	610468	POSITRACTION VLV MOD CONT 20G	
4	1	618308	1 1/16MJIC-1 5/16MOR ADPTR	
5	1	618312	1 5/16MOR-1 1/16FOR ADPTR	
6	2	618323	7/8MJIC-45-1/2MNPT LBO	
7	1	618434	1 1/16MJIC-1MNPT ADPTR	
8	1	618535	7/8MJIC-90-1 1/16MOR LBO	
9	1	618575	1FNPT PIPE TEE STL	
10	1	618589	7/8MJIC-90-1 5/16MOR LBO	
11	2	505005	RED BUSH 1 TO 1/2	
12	2	900010	1/4UNC X 3 HEX BOLT	
13	2	914000	1/4 UNC STOVER NUT	



EXHAUST PIPE ASSEMBLY

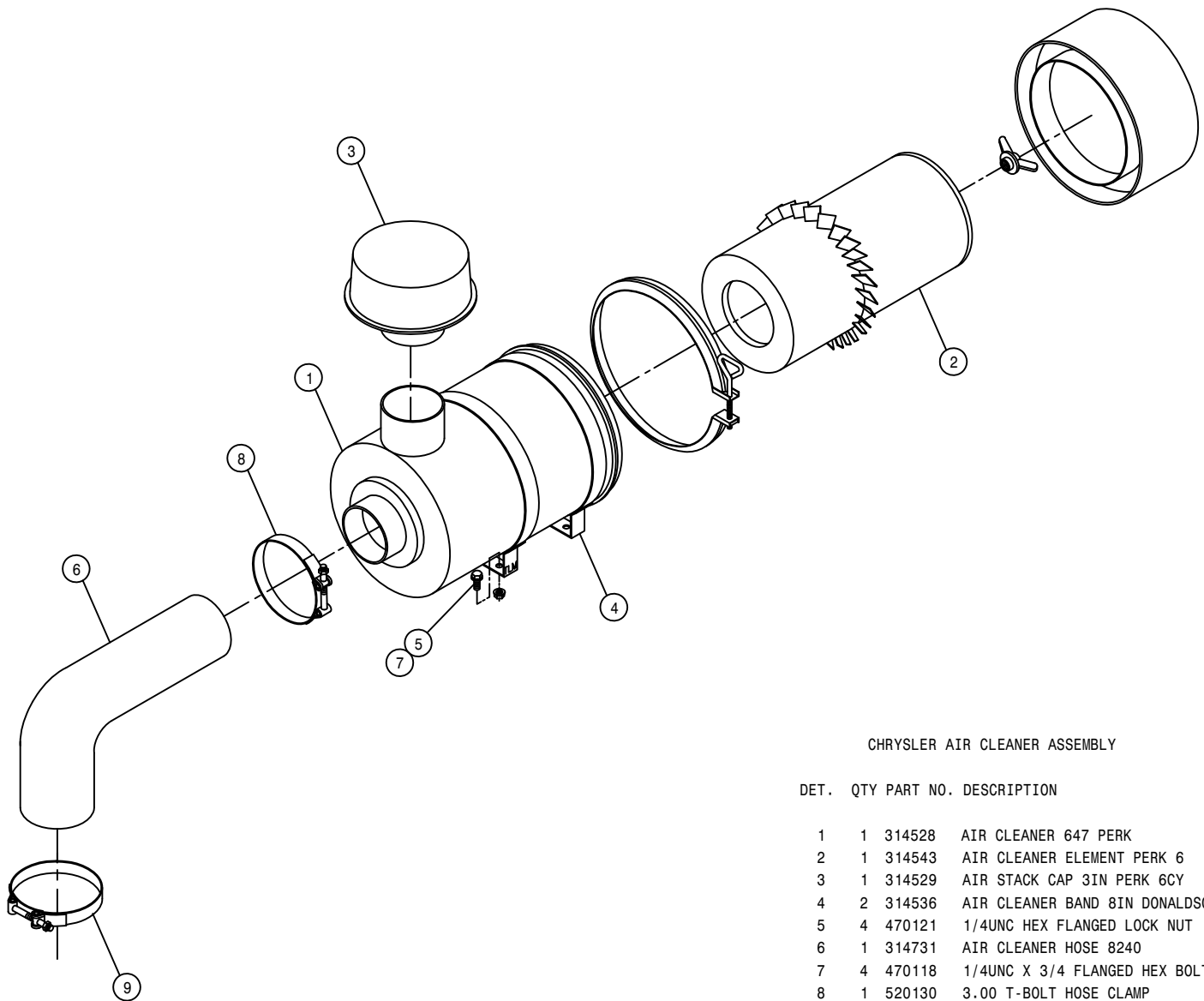
DET. QTY PART NO. DESCRIPTION

1	1	361347	MAINFRAME TIE PLATE 200 318
2	1	361346	MAINFRAME REAR TIE ANGLE 280
3	2	314735	EXHAUST PIPE FLG 8240 318 82
4	1	314873	RH EXHAUST PIPE 200 CHRY 91
5	1	314874	LH EXHAUST PIPE 200 CHRY 91
6	2	319287	MUFFLER CHRY 440
7	1	341829	MUFFLER HEAT SHIELD WLD200 89
8	2	319327	MUFFLER CLAMP 2IN HVY DUTY
9	4	900170	3/8UNC X 2 1/4 HEX BOLT
10	4	914004	3/8UNC HEX STOVER NUT
11	3	470118	1/4UNC X 3/4 FLANGED HEX BOLT
12	3	470121	1/4UNC HEX FLANGED LOCK NUT
13	4	900265	1/2UNC X 1 1/2 HEX BOLT
14	8	914008	1/2UNC HEX STOVER NUT
15	4	900263	1/2UNC X 1 HEX BOLT



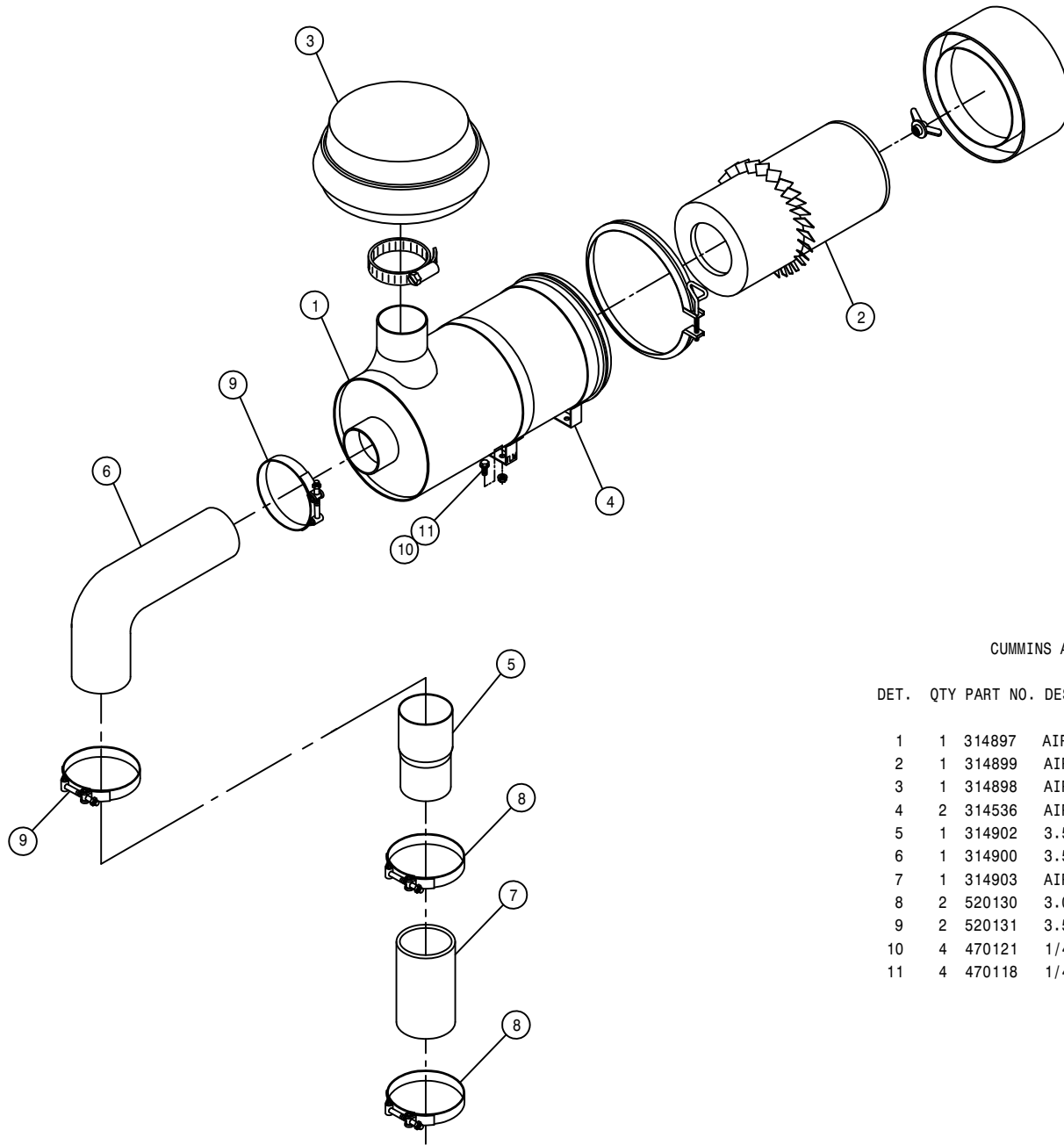
DIESEL EXHAUST PIPE ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	4	473798	LOCKWASHER 10MM PL TB2
2	2	472216	2.50 MUFFLER CLAMP .31 UNC
3	1	316236	280 EXHAUST PIPE EXTEN WLD 93
4	1	314554	PERK MUFFLER SAWED 647
5	1	316231	EXHAUST PIPE WLD, CUMM 280 93
6	4	473797	10MM-1.50 X 25MM HEX BOLT
7	1	316226	MUFFLER SUPP BRKT WLD 250/280
8	2	470210	ANTI-VIBRATION MT .75D X 1.00
9	4	470113	5/16UNC HEX FLANGED LOCK NUT
10	1	316238	280 EXH PIPE GUARD WLD 93
11	2	470122	1/4UNC X 1/2 FLANGED HEX BOLT
12	2	470121	1/4UNC HEX FLANGED LOCK NUT



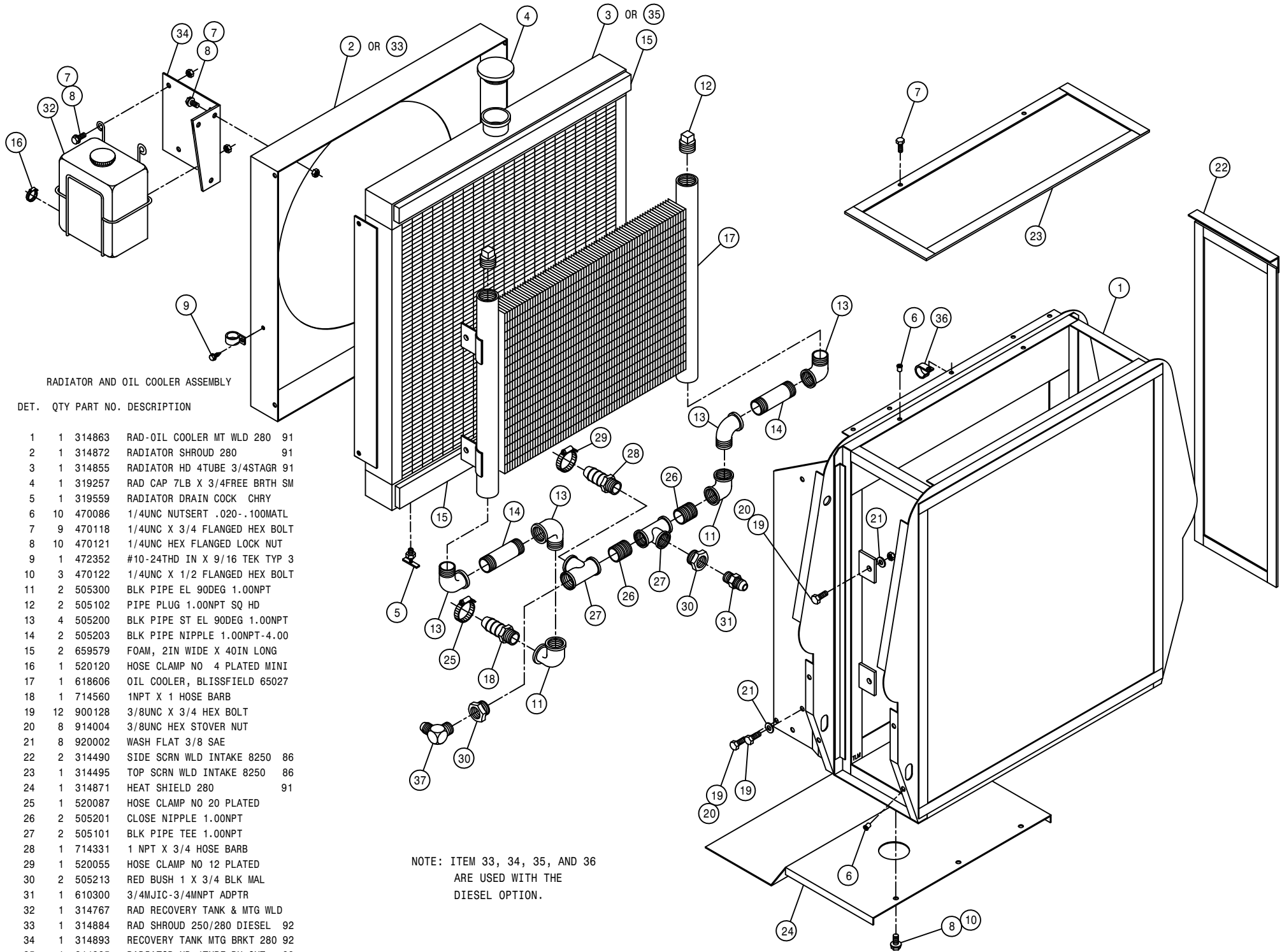
CHRYSLER AIR CLEANER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	314528	AIR CLEANER 647 PERK
	1	314543	AIR CLEANER ELEMENT PERK 6
	1	314529	AIR STACK CAP 3IN PERK 6CY
	2	314536	AIR CLEANER BAND 8IN DONALDSON
	4	470121	1/4UNC HEX FLANGED LOCK NUT
	6	314731	AIR CLEANER HOSE 8240
	7	470118	1/4UNC X 3/4 FLANGED HEX BOLT
	8	520130	3.00 T-BOLT HOSE CLAMP
	9	520129	2.75 T-BOLT HOSE CLAMP



CUMMINS AIR CLEANER

DET.	QTY	PART NO.	DESCRIPTION
1	1	314897	AIR CLEANER, 280 CFM
2	1	314899	AIR CLEANER ELEMENT FOR314897
3	1	314898	AIR CLEANER HOOD FOR 314897
4	2	314536	AIR CLEANER BAND 8IN DONALDSON
5	1	314902	3.50 - 3.00 X 6.00LG PIPE
6	1	314900	3.50 90 DEG AIR INTAKE HOSE
7	1	314903	AIR CLEANER HOSE 3ID X 6.50LG
8	2	520130	3.00 T-BOLT HOSE CLAMP
9	2	520131	3.50 T-BOLT HOSE CLAMP
10	4	470121	1/4UNC HEX FLANGED LOCK NUT
11	4	470118	1/4UNC X 3/4 FLANGED HEX BOLT



RADIATOR AND OIL COOLER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	314863	RAD-OIL COOLER MT WLD 280	91
2	1	314872	RADIATOR SHROUD 280	91
3	1	314855	RADIATOR HD 4TUBE 3/4STAGR 91	
4	1	319257	RAD CAP 7LB X 3/4FREE BRTH SM	
5	1	319559	RADIATOR DRAIN COCK CHRY	
6	10	470086	1/4UNC NUTSERT .020-.100MATL	
7	9	470118	1/4UNC X 3/4 FLANGED HEX BOLT	
8	10	470121	1/4UNC HEX FLANGED LOCK NUT	
9	1	472352	#10-24THD IN X 9/16 TEK TYP 3	
10	3	470122	1/4UNC X 1/2 FLANGED HEX BOLT	
11	2	505300	BLK PIPE EL 90DEG 1.00NPT	
12	2	505102	PIPE PLUG 1.00NPT SQ HD	
13	4	505200	BLK PIPE ST EL 90DEG 1.00NPT	
14	2	505203	BLK PIPE NIPPLE 1.00NPT-4.00	
15	2	659579	FOAM, 2IN WIDE X 40IN LONG	
16	1	520120	HOSE CLAMP NO 4 PLATED MINI	
17	1	618606	OIL COOLER, BLISSFIELD 65027	
18	1	714560	1NPT X 1 HOSE BARB	
19	12	900128	3/8UNC X 3/4 HEX BOLT	
20	8	914004	3/8UNC HEX STOVER NUT	
21	8	920002	WASH FLAT 3/8 SAE	
22	2	314490	SIDE SCR N WLD INTAKE 8250	86
23	1	314495	TOP SCR N WLD INTAKE 8250	86
24	1	314871	HEAT SHIELD 280	91
25	1	520087	HOSE CLAMP NO 20 PLATED	
26	2	505201	CLOSE NIPPLE 1.00NPT	
27	2	505101	BLK PIPE TEE 1.00NPT	
28	1	714331	1 NPT X 3/4 HOSE BARB	
29	1	520055	HOSE CLAMP NO 12 PLATED	
30	2	505213	RED BUSH 1 X 3/4 BLK MAL	
31	1	610300	3/4MJIC-3/4MNPT ADPTR	
32	1	314767	RAD RECOVERY TANK & MTG WLD	
33	1	314884	RAD SHROUD 250/280 DIESEL 92	
34	1	314893	RECOVERY TANK MTG BRKT 280 92	
35	1	314885	RADIATOR HD 4TUBE RH-OUT 92	
36	1	520128	CUSH HOSE CLAMP 9/16D X 3/4W	
37	1	610305	3/4MJIC-90-3/4MNPT LBO	

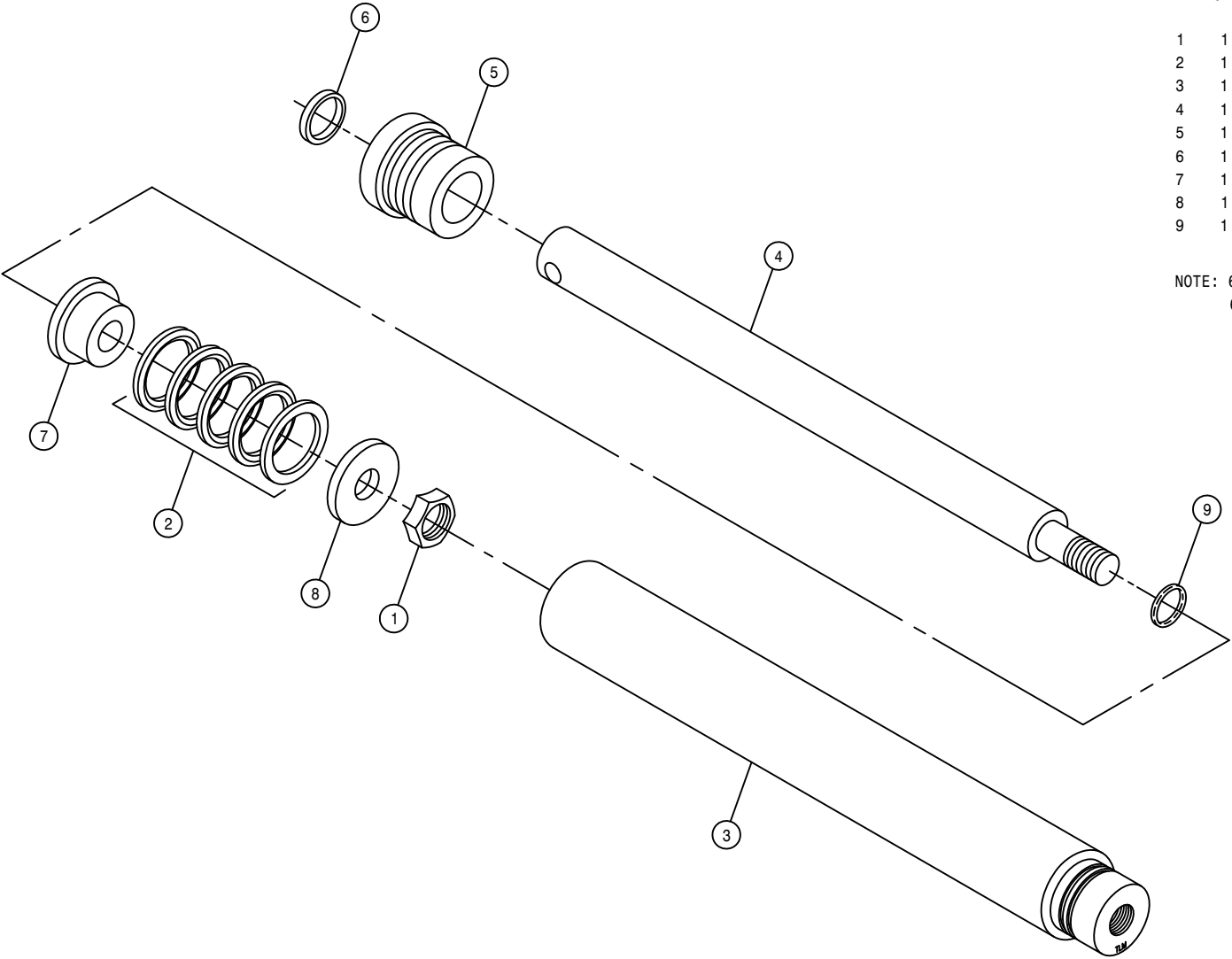
NOTE: ITEM 33, 34, 35, AND 36
ARE USED WITH THE
DIESEL OPTION.

FRONT LEG CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	472297	3/4 UNF STOVER THIN HEX NUT
2	1	620321	VEE PACK 1 1/2 X 2
3	1	620571	TUBE WLD
4	1	620573	SHAFT 1 1/4 X 17 3/8
5	1	620574	BRG HEAD 2 X 1 1/4
6	1	629002	WIPER 1 1/4 X 1 1/2 X 1/8
7	1	620578	PISTON 2 X 3/4 VPX
8	1	620579	RETAINER 2 X 3/4 X 1/4
9	1	870018	NEO ORING 3/4 X 7/8

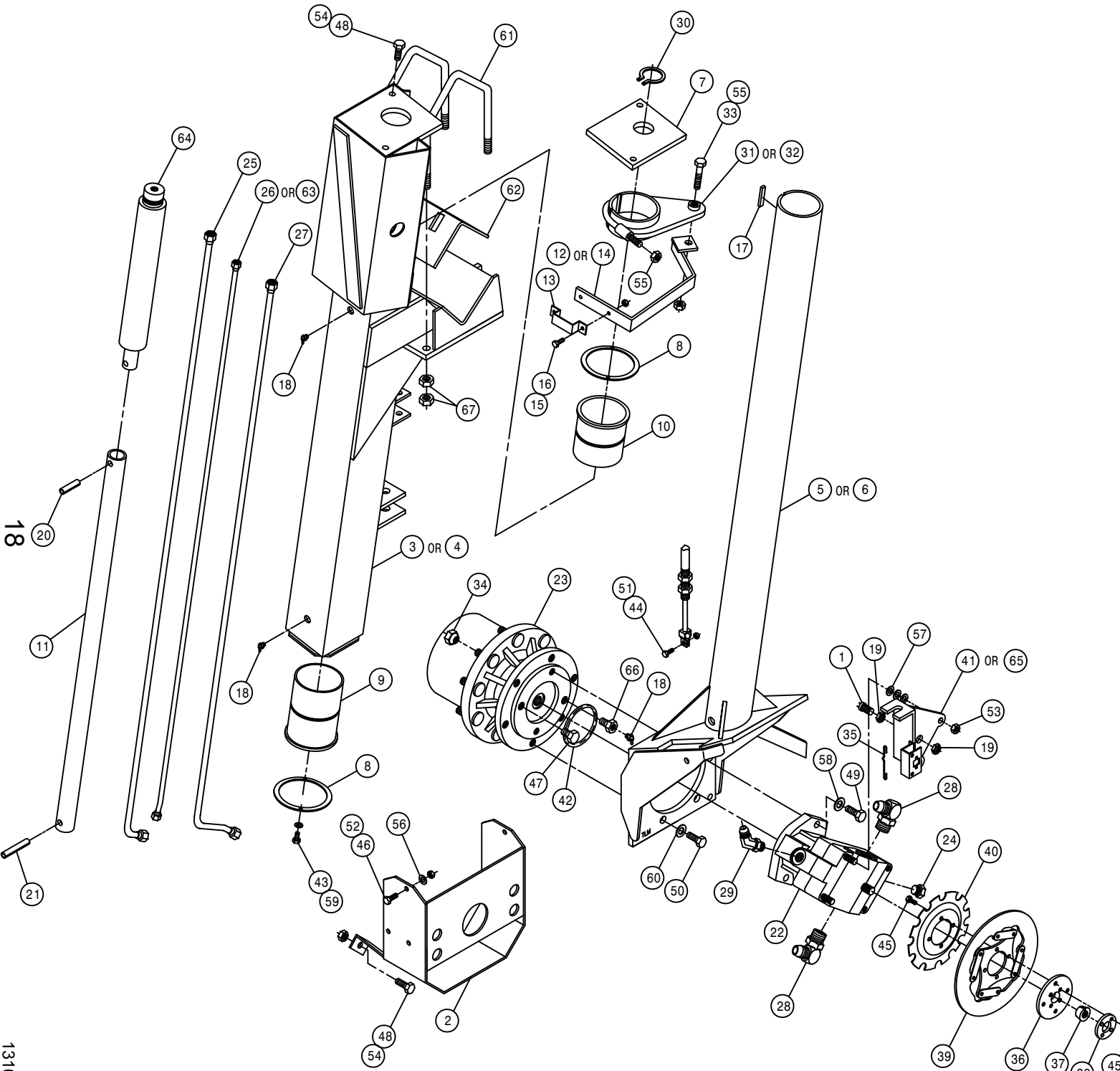
NOTE: 620570 - CYLINDER ASSEMBLY
620575 - SEAL KIT

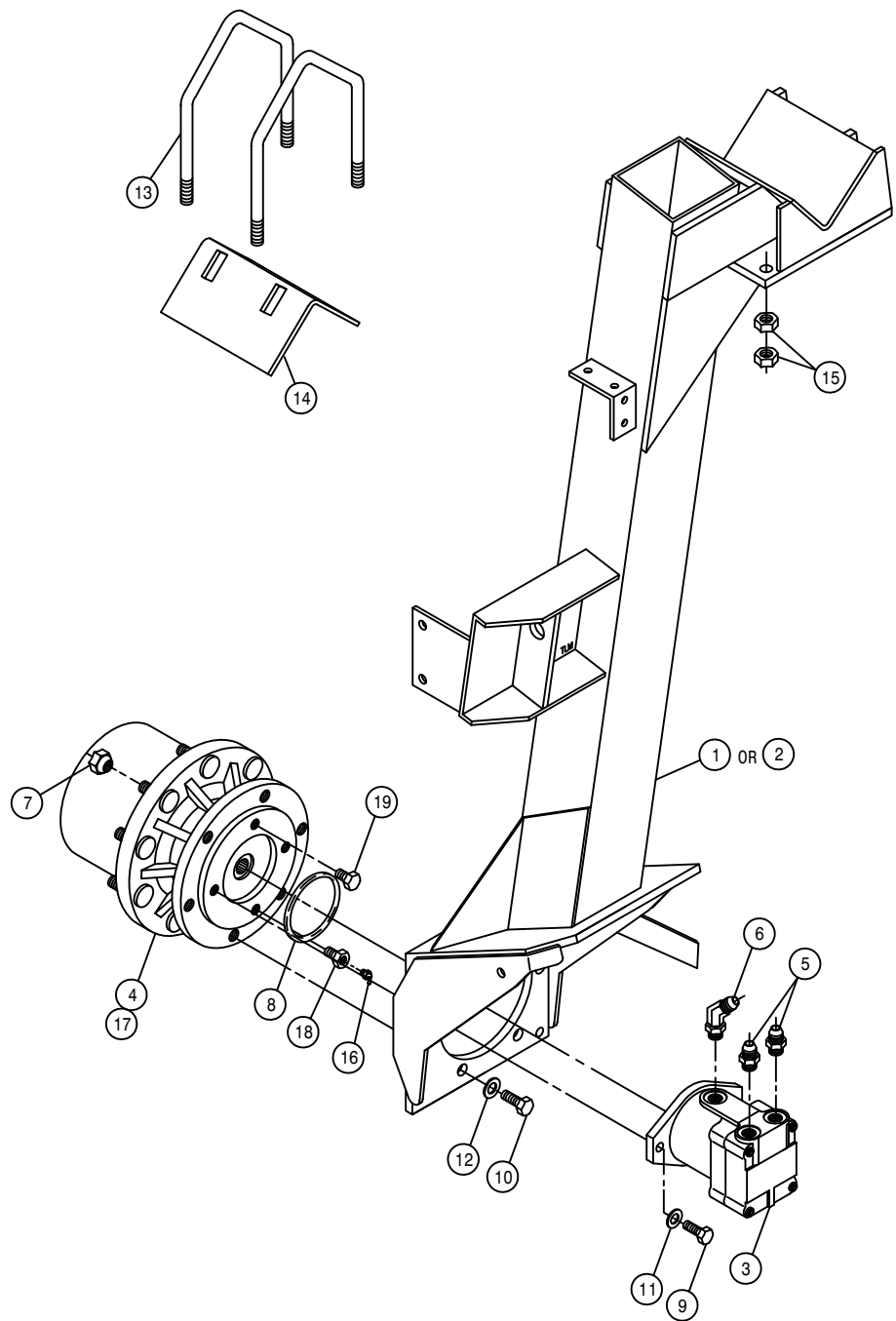


FRONT LEG ASSEMBLY

DET. QTY PART NO. DESCRIPTION

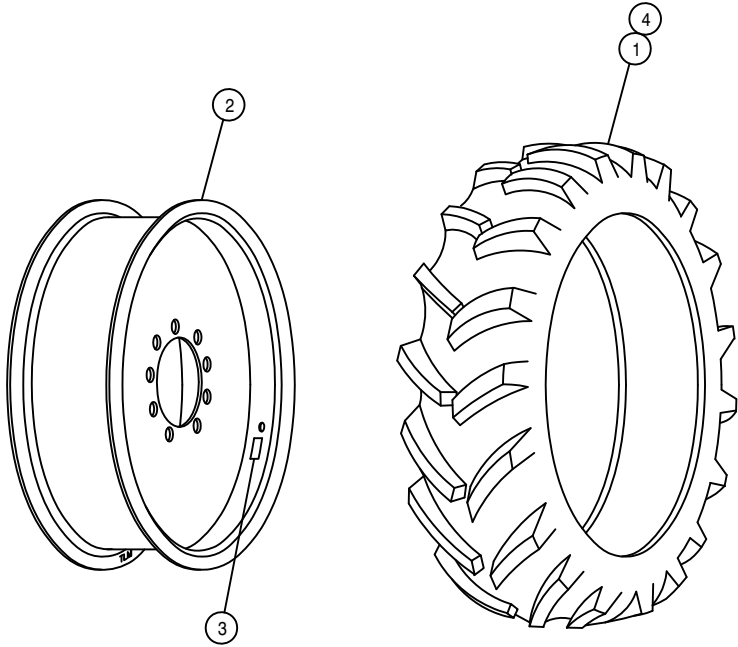
1	1	291206	SENSOR SPEEDO TACH	640
2	1	357704	WHL MTR SHLD WLD FRT B-MT8200	
3	1	357789	RH FRT OUTER LEG WLD 200	90
4	1	357790	LH FRT OUTER LEG WLD 200	90
5	1	358535	RH FRT INNER LEG WLD 280	89
6	1	358536	LH FRT INNER LEG WLD 280	89
7	1	358562	LEG CYL MTG PLATE 280	89
8	2	358563	FRT LEG BRG KPR 280	89
9	1	358564	FRT LEG LWR NYL SLEEVE 280	89
10	1	358565	FRT LEG UPR NYL SLEEVE 280	89
11	1	358566	LEG CYL SHAFT EXTENSION280	89
12	1	358590	RH FRT LEG TUBE BRKT WLD 280	
13	1	358594	FRT LEG HYD TUBE KEEPER 280	
14	1	358591	LH FRT LEG TUBE BRKT WLD 280	
15	2	470118	1/4UNC X 3/4 FLANGED HEX BOLT	
16	2	470121	1/4UNC HEX FLANGED LOCK NUT	
17	1	470185	KEY .25 X .375 X 2.00 LG	
18	3	471023	GREASE ZERK 1/4-28 X 45	
19	2	473061	3/4UNF TRUSEAL HEX NUT	
20	1	473903	SPIRAL PIN 1/2 X 2	640
21	1	473904	SPIRAL PIN 1/2 X 3	640
22	1	610030	SUND WHL MTR EXTEN SHAFT 18	
23	1	610516	TORQ HUB 24 TO 1 B-MT W1BFNZ	
24	1	611159	3/4MOR PLUG	
25	1	614665	FRT LEG INNER HYD TUBE ASY200	
26	1	614666	RH FRT LEG HYD TUBE ASSY 200	
27	1	614668	FRT LEG CNTR HYD TUBE ASSY200	
28	2	618302	1 1/16MJIC-90-1 5/16MOR LBO	
29	1	618315	3/4MJIC-45-3/4MOR LBO	
30	1	629515	SNAP RING 1 3/4 EXTRN HDUTY	
31	1	749250	RH STRG ARM WLD 280	89
32	1	749251	LH STRG ARM WLD 280	89
33	1	749269	STRG ARM BOLT 280	89
34	9	824052	1/2UNF 60 DEG WHL NUT	
35	1	826929	CLIP BRAKE RETAINER	
36	1	826943	HUB, BRAKE MT	
37	1	826944	HUB, TAPER LOCK 11 TEETH	
38	1	826945	HUB MOUNT, BRAKE	
39	1	826959	BRAKE DISC SUB ASSY	
40	1	826983	SENSOR DISC, 280 BRAKE FORMED	
41	1	828080	BRAKE SENSOR MT WLD RH	
42	1	870045	O RING 4 1/8 OD X 4 ID	
43	4	900000	1/4UNC X 1/2 HEX BOLT	
44	1	900002	1/4UNC X 3/4 HEX BOLT	
45	8	900064	5/16UNC X 3/4 HEX BOLT	
46	2	900129	3/8UNC X 1 HEX BOLT	
47	1	900260	1/2UNC X 1/2 HEX BOLT	
48	4	900265	1/2UNC X 1 1/2 HEX BOLT	
49	2	900267	1/2UNC X 2 HEX BOLT	
50	6	900333	5/8UNC X 1 1/2 HEX BOLT	
51	1	914000	1/4UNC HEX STOVER NUT	
52	2	914004	3/8UNC HEX STOVER NUT	
53	2	914006	7/16UNC HEX STOVER NUT	
54	4	914008	1/2UNC HEX STOVER NUT	
55	2	914010	5/8UNC HEX STOVER NUT	
56	2	920002	WASH FLAT 3/8 SAE	
57	8	920003	7/16 FLATWASHER SAE	
58	2	920004	1/2 FLAT WASHER SAE	
59	4	920500	LOCK WASH 1/4	
60	6	920505	LOCK WASHER 5/8	
61	2	358693	5/8UNF X 7 9/16 CTR UBOLT TRI	
62	1	358567	UPPER LEG V-PLATE WLD 280	89
63	1	614667	LH FRT LEG HYD TUBE ASSY 200	
64	1	620570	HYD CYL LEG LEVEL 2.00 X 12	
65	1	828079	BRAKE SENSOR MT WLD LH	
66	1	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
67	8	914811	5/8UNF HEX NUT GR8	





REAR LEG ASSEMBLY

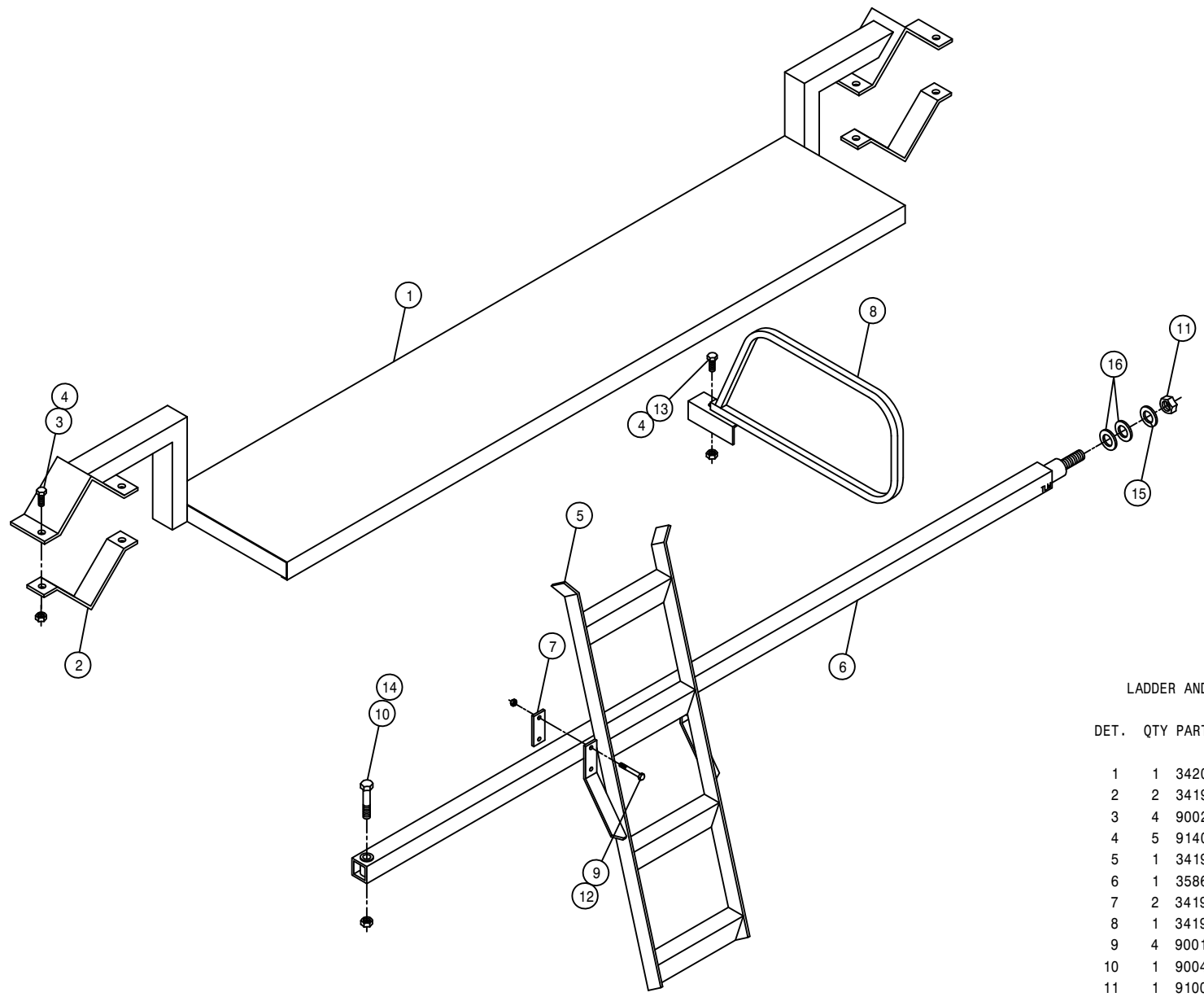
DET.	QTY	PART NO.	DESCRIPTION	
1	1	357784	RH REAR LEG WLD 200	89
2	1	357785	LH REAR LEG WLD 200	89
3	1	610512	SUND M23 WHL MTR	
4	1	610515	TORQ HUB 18 TO 1 B-MT W1BFNZ	
5	2	611126	7/8MJIC-7/8MOR ADPTR	
6	1	618496	9/16MJIC-45-3/4MOR LBO	
7	9	824052	1/2UNF 60 DEG WHL NUT	
8	1	870045	O RING 4 1/8 OD X 4 ID	
9	2	900266	1/2UNC X 1 3/4 HEX BOLT	
10	6	900333	5/8UNC X 1 1/2 HEX BOLT	
11	2	920004	1/2 FLAT WASHER SAE	
12	6	920505	LOCK WASHER 5/8	
13	2	358693	5/8UNF X 7 9/16 CTR UBOLT TRI	
14	1	358567	UPPER LEG V-PLATE WLD 280	89
15	8	914811	5/8UNF HEX NUT GR8	
16	1	471023	GREASE ZERK 1/4-28 X 45	
17	1	610552	SEAL BOOT FOR W1BFNZ, W2B2FZ	
18	1	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
19	1	900260	1/2UNC X 1/2 HEX BOLT	



TIRE AND RIM ASSEMBLY

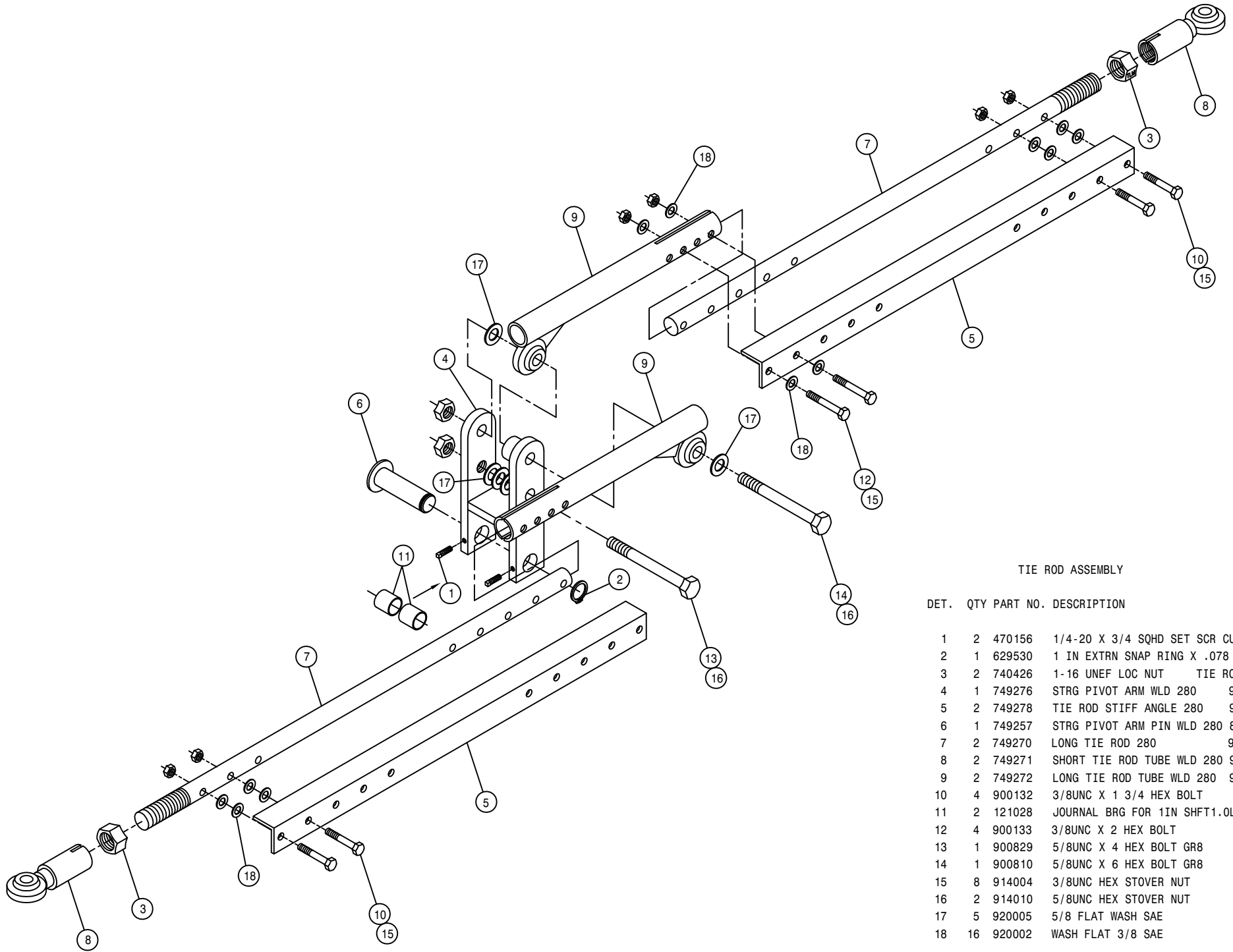
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	820001	12.4 X 28 4P TIRE TRACT F&R
2	1	820020	WHL WLD 12.4 X 28 200 89
3	1	650985	WHL BOLT TORQ DECAL 203854C
4	1	820002	12.4 X 28 INNER TUBE



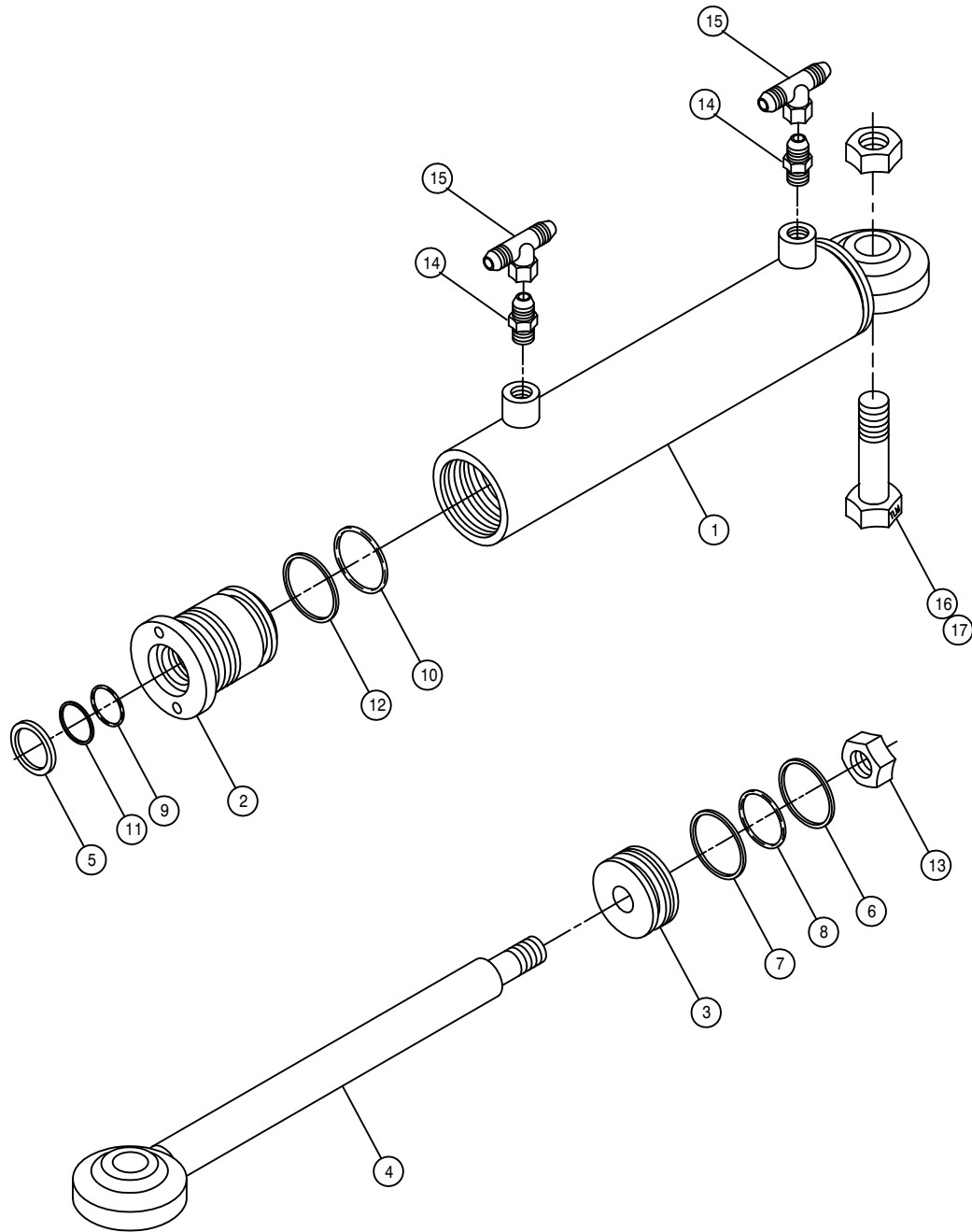
LADDER AND SERVICE PLATFORM ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
	1	342007	SERV PLATFORM WLD 200-280	92
	2	341900	SERVICE PLATFORM MT KPR	90
	4	900265	1/2UNC X 1 1/2 HEX BOLT	
	4	914008	1/2UNC HEX STOVER NUT	
	5	341908	200 LADDER WLD 200	90
	6	358673	LEG BRACE WLD 200	92
	7	341912	200 LADDER KEEPER	90
	8	341913	200 HANDRAIL WLD	90
	9	900136	3/8UNC X 3 HEX BOLT	
	10	900410	3/4UNC X 4 HEX BOLT	
	11	910017	1 UNC HEX NUT	
	12	914004	3/8UNC HEX STOVER NUT	
	13	900263	1/2UNC X 1 HEX BOLT	
	14	914012	3/4UNC HEX STOVER NUT	
	15	920508	LOCK WASH 1 IN	
	16	920008	1 FLATWASHER SAE	



TIE ROD ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	470156	1/4-20 X 3/4 SQHD SET SCR CUP
2	1	629530	1 IN EXTRN SNAP RING X .078
3	2	740426	1-16 UNEF LOC NUT TIE ROD
4	1	749276	STRG PIVOT ARM WLD 280 91
5	2	749278	TIE ROD STIFF ANGLE 280 91
6	1	749257	STRG PIVOT ARM PIN WLD 280 89
7	2	749270	LONG TIE ROD 280 90
8	2	749271	SHORT TIE ROD TUBE WLD 280 90
9	2	749272	LONG TIE ROD TUBE WLD 280 90
10	4	900132	3/8UNC X 1 3/4 HEX BOLT
11	2	121028	JOURNAL BRG FOR 1IN SHFT1.OLG
12	4	900133	3/8UNC X 2 HEX BOLT
13	1	900829	5/8UNC X 4 HEX BOLT GR8
14	1	900810	5/8UNC X 6 HEX BOLT GR8
15	8	914004	3/8UNC HEX STOVER NUT
16	2	914010	5/8UNC HEX STOVER NUT
17	5	920005	5/8 FLAT WASH SAE
18	16	920002	WASH FLAT 3/8 SAE



STEERING CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	620089	STRG CYL TUBE WLD 1.5 X 6. 85
2	1	620109	GLAND HYD CYL 1.5 X .75 1985
3	1	620129	PISTON HYD CYL 1.5 X .5 1985
4	1	620148	STRG CYL SHAFT WLD X-10
5	1	629028	WIPER, 10D X 3/4ID X 1/8
6	1	629616	SEAL, 1704-24 HT2055OR POLYHON
7	1	629618	WEAR RING HYD CYL 1985
8	1	870025	BUNA ORING 1 3/16 X 1 5/16
9	1	870210	BUNA ORING 3/4 X 1
10	1	870218	BUNA ORING 1 1/4 X 1 1/2
11	1	890210	BACKUP WASH 3/4 X1 HT2022
12	1	890218	BACKUP WASH1 1/4X1 1/2 HT2022
13	1	914009	1/2 UNF STOVER NUT
14	2	611121	9/16MJIC-1/4MNPT ADPTR
15	2	618514	9/16FJ SW BRANCH TEE-9/16MJ
16	1	900336	5/8UNC X 2 1/2 HEX BOLT
17	1	914010	5/8 UNC STOVER NUT

NOTE: 1. RIGHT STEERING CYLINDER ASSEMBLY IS SHOWN.
 FOR LEFT CYLINDER ASSEMBLY DELETE DETAIL 14 AND 15
 REPLACE WITH (2) 611122 - 9/16 MJIC-90-1/4 MNPT ELBOW

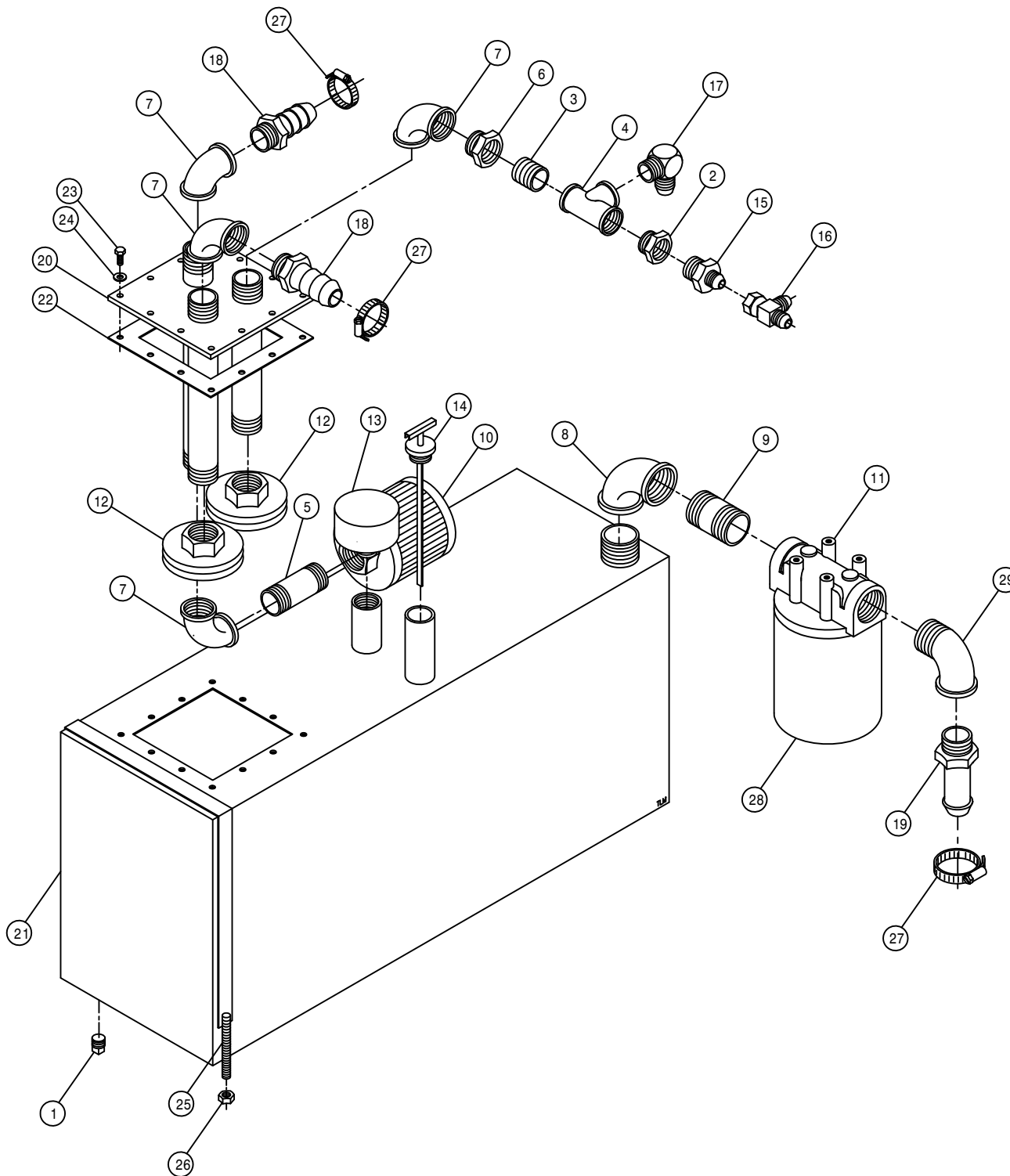
2. 620080 - CYLINDER ASSEMBLY

3. 620998 - SEAL KIT

HYDRAULIC TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

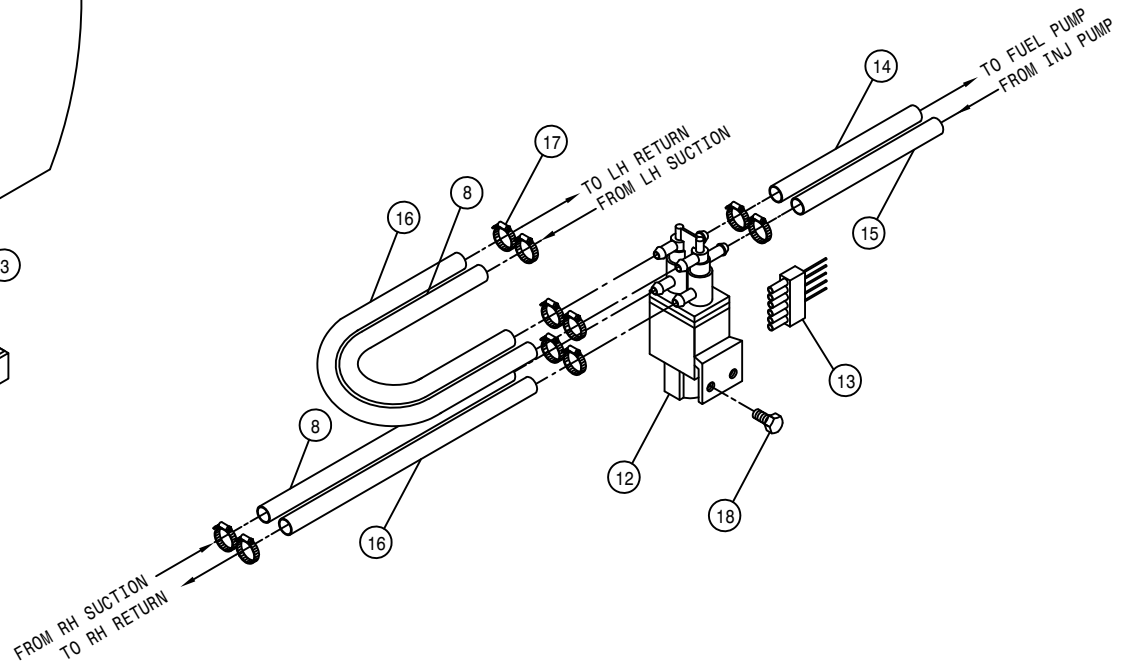
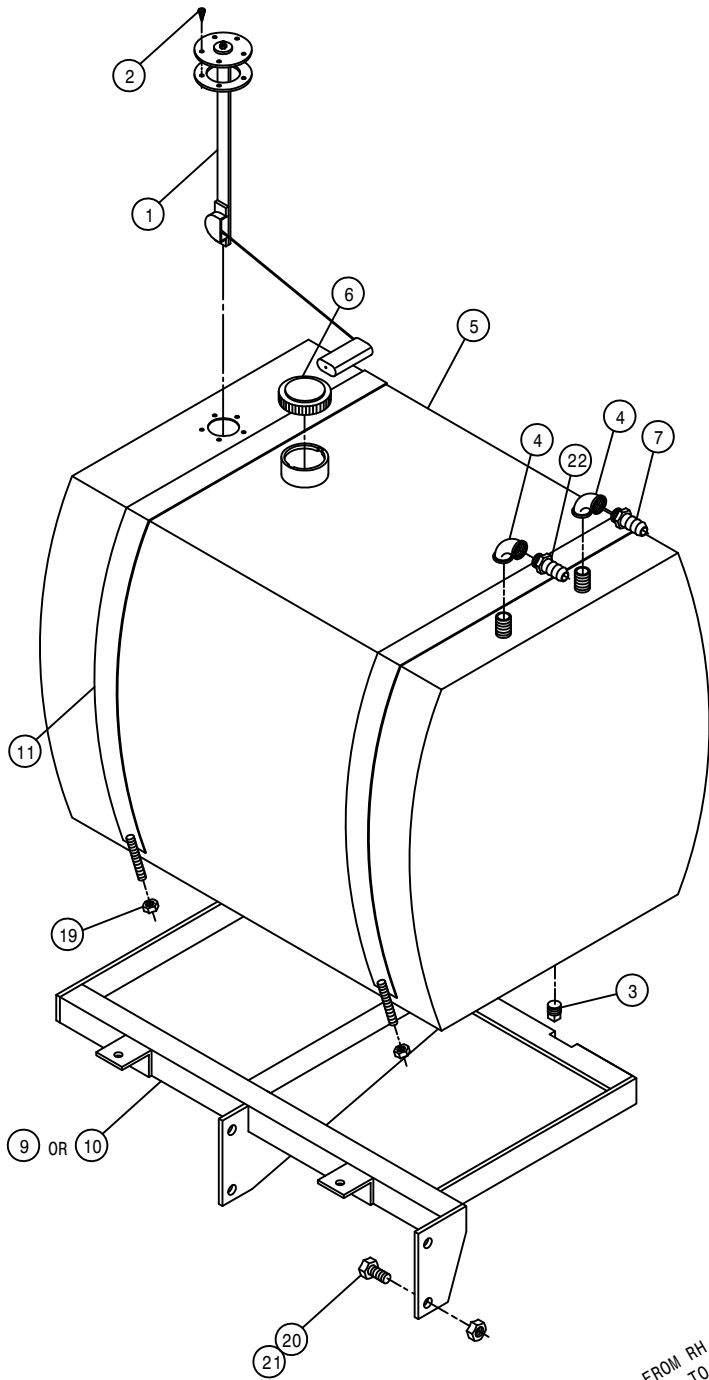
1	1	501102	1/4 PIPE PLUG
2	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
3	1	504702	CLOSE NIPPLE .75NPT
4	1	504955	BLK PIPE TEE .75NPT
5	1	505203	BLK PIPE NIPPLE 1.00NPT-4.00
6	1	505213	RED BUSH 1 X 3/4 BLK MAL
7	4	505300	BLK PIPE EL 90DEG 1.00NPT
8	1	506303	BLK PIPE EL 90DEG 1.25NPT
9	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2
10	1	605600	MICHIGAN RESERVOIR FILTER
11	1	605601	GRESEN FILTER 10 MICRON 40GPM
12	2	605603	LINE SUMP DIFFUSER
13	1	611052	FILLER BREATHER 3/4NPT
14	1	614453	DIPSTICK, 8IN
15	1	618018	9/16MJIC-1/2MNPT ADPTR
16	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
17	1	610305	3/4MJIC-90-3/4MNPT LBO
18	2	714560	1NPT X 1 HOSE BARB
19	1	715664	1 1/4 NPT X 1 HOSE BARB
20	1	760090	RECIEVER PLT WLD 8240
21	1	760097	OIL TANK WLD 8240 1982
22	1	763039	HYD MTR MTG PLT GSKT
23	12	900064	5/16UNC X 3/4 HEX BOLT
24	12	920001	5/16 FLAT WASHER SAE PLT
25	2	341360	OIL TANK STRAP WLD 8240 1982
26	4	914004	3/8UNC HEX STOVER NUT
27	3	520087	HOSE CLAMP NO 20 PLATED
28	1	605602	FILT ELEMENT 10MICRON 40GPM
29	1	506410	BLK PIPE ST EL 90DEG 1.25NPT



DIESEL FUEL TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

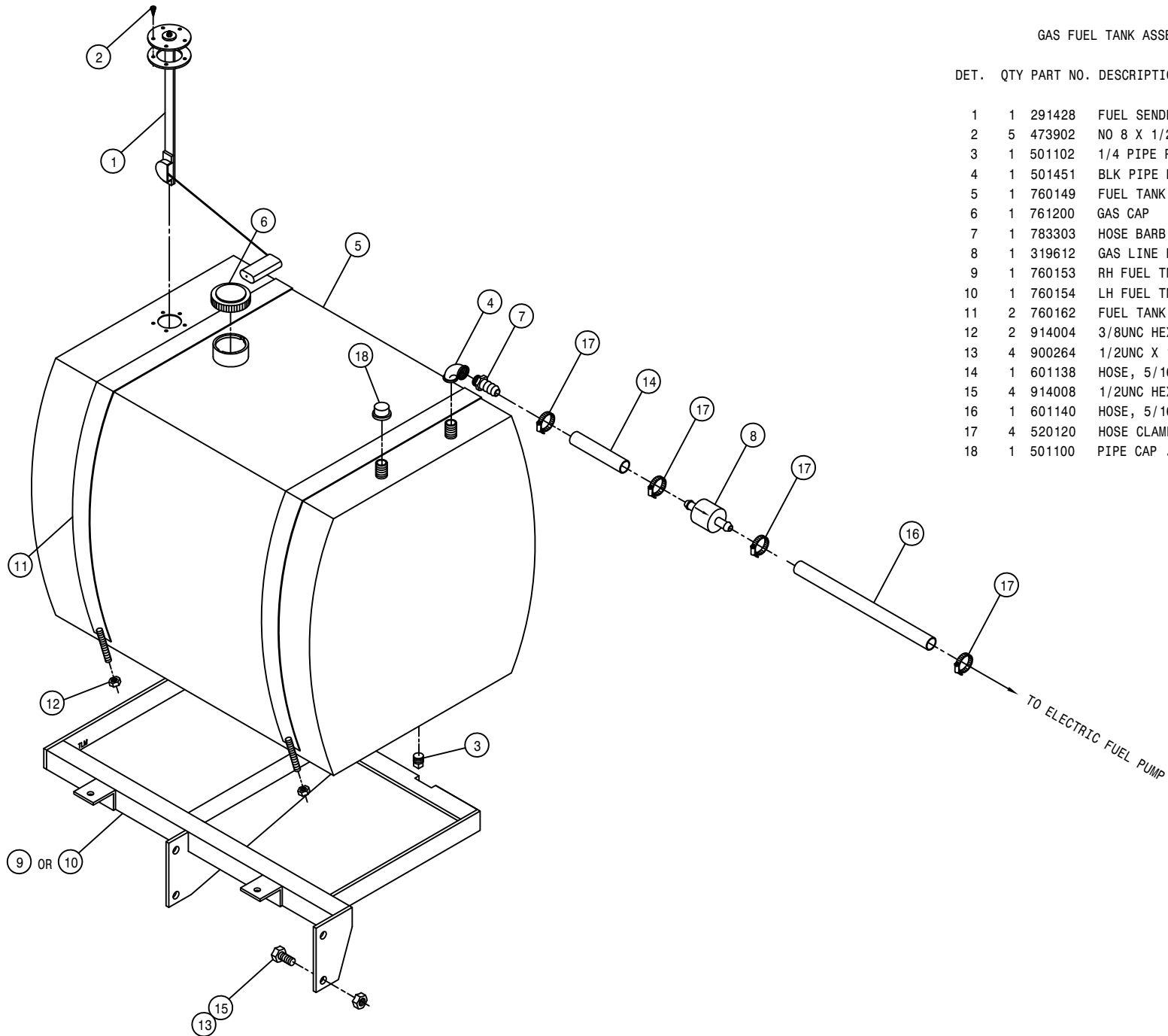
1	1	291428	FUEL SENDER 19 IN 470 PINTO
2	5	473902	NO 8 X 1/2 PAN HD MET SC 640
3	1	501102	1/4 PIPE PLUG
4	2	501451	BLK PIPE EL 90DEG .25NPT
5	1	760149	FUEL TANK WLD 200-280 90
6	1	761200	GAS CAP
7	1	783303	HOSE BARB 1/4 NPT X 5/16 HOSE
8	2	601324	HOSE, 3/8 X 90IN FUEL LINE
9	1	760153	RH FUEL TNK MT WLD 200-280 90
10	1	760154	LH FUEL TNK MT WLD 200-280 90
11	2	760162	FUEL TANK BAND WLD 200-280 90
12	1	610529	FUEL SELECTOR VALVE W/RETURN
13	1	610530	5 WIRE CONNECTOR FOR 610529
14	1	601293	HOSE, 5/16 X 26 FUEL LINE
15	1	601322	HOSE, 3/8 X 26IN FUEL LINE
16	2	601301	HOSE, 5/16 X 90IN FUEL LINE
17	10	520120	HOSE CLAMP NO 4 PLATED MINI
18	2	900064	5/16UNC X 3/4 HEX BOLT
19	2	914004	3/8UNC HEX STOVER NUT
20	4	900264	1/2UNC X 1 1/4 HEX BOLT
21	4	914008	1/2UNC HEX STOVER NUT
22	1	783304	HOSE BARB 1/4 NPT X 3/8 HOSE

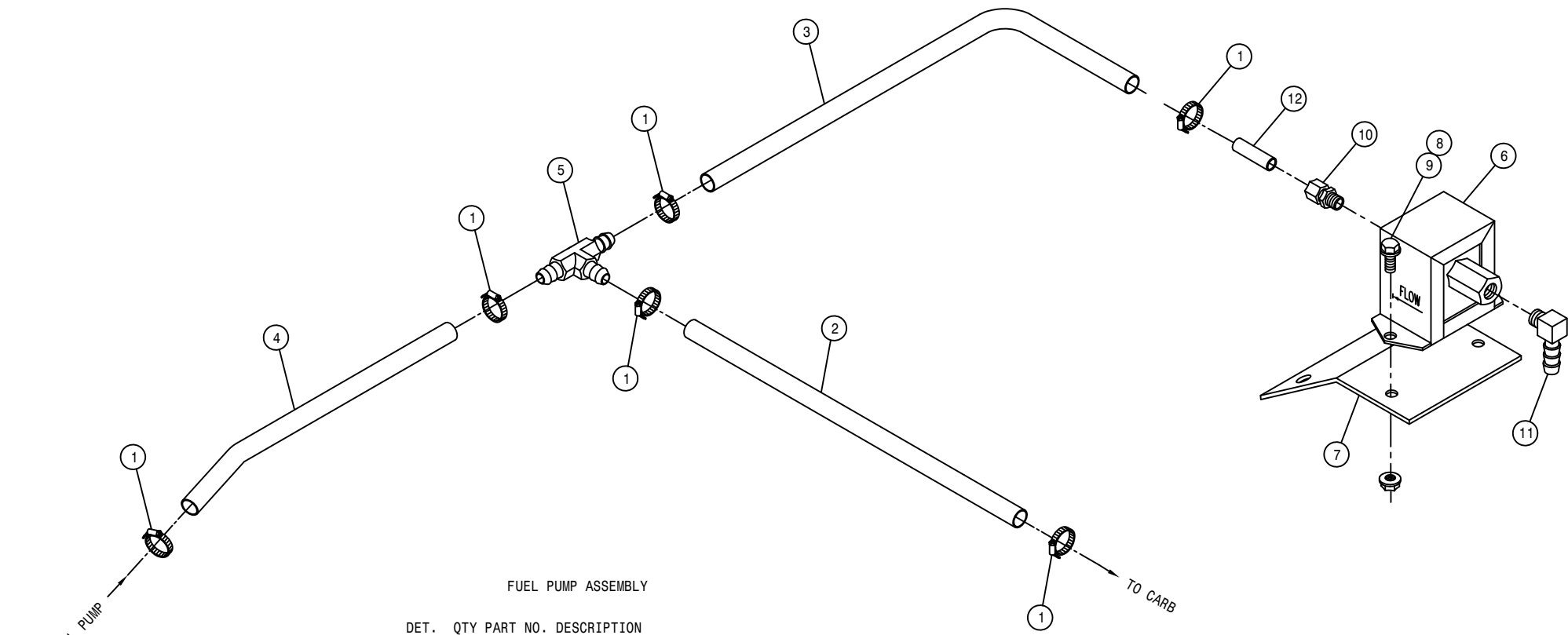


GAS FUEL TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

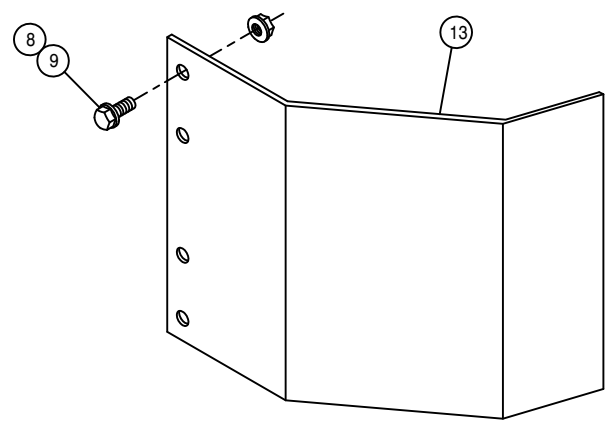
DET.	QTY	PART NO.	DESCRIPTION
1	1	291428	FUEL SENDER 19 IN 470 PINTO
2	5	473902	NO 8 X 1/2 PAN HD MET SC 640
3	1	501102	1/4 PIPE PLUG
4	1	501451	BLK PIPE EL 90DEG .25NPT
5	1	760149	FUEL TANK WLD 200-280 90
6	1	761200	GAS CAP
7	1	783303	HOSE BARB 1/4 NPT X 5/16 HOSE
8	1	319612	GAS LINE FILT NAPA3012&FRAM
9	1	760153	RH FUEL TNK MT WLD 200-280 90
10	1	760154	LH FUEL TNK MT WLD 200-280 90
11	2	760162	FUEL TANK BAND WLD 200-280 90
12	2	914004	3/8UNC HEX STOVER NUT
13	4	900264	1/2UNC X 1 1/4 HEX BOLT
14	1	601138	HOSE, 5/16 X 3 FUEL LINE
15	4	914008	1/2UNC HEX STOVER NUT
16	1	601140	HOSE, 5/16 X 22 FUEL LINE
17	4	520120	HOSE CLAMP NO 4 PLATED MINI
18	1	501100	PIPE CAP .25NPT

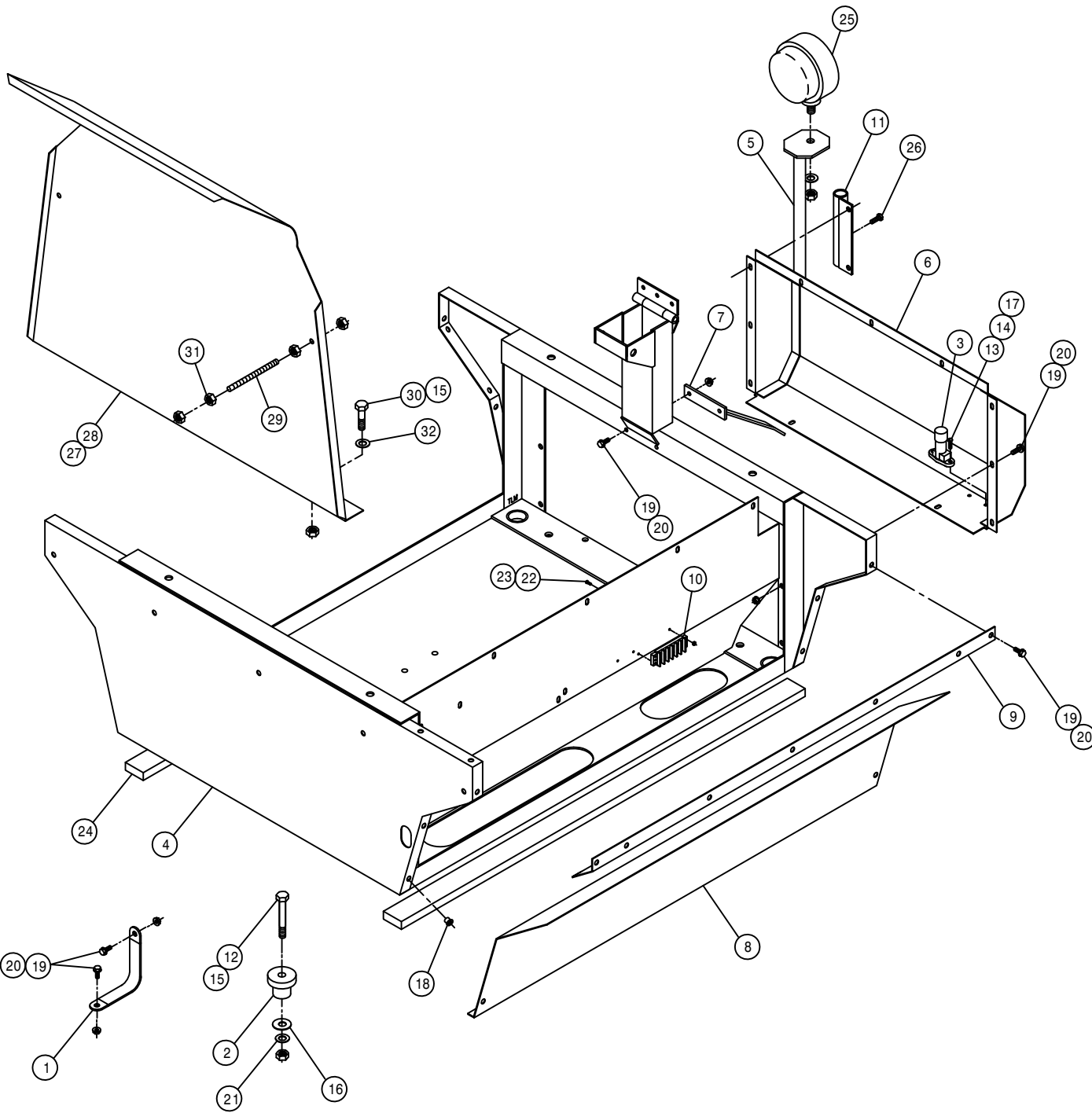




FUEL PUMP ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	6	520120	HOSE CLAMP NO 4 PLATED MINI
2	1	601191	HOSE, 5/16ID X 48 FUEL
3	1	601215	HOSE, 5/16 X 72 FUEL LINE
4	1	601320	HOSE, 5/16 X 76IN FUEL LINE
5	1	711011	5/16 HOSE BARB TEE, BRASS
6	1	314882	ELECTRONIC FUEL PUMP CHRY 91
7	1	342015	FUEL PUMP MT PLT 200 92
8	6	470121	1/4UNC HEX FLANGED LOCK NUT
9	6	470122	1/4UNC X 1/2 FLANGED HEX BOLT
10	1	711012	BALL CHECK CONNECT,1/8NPT BRS
11	1	711010	5/16 HOSE BARB-90-1/8MNPT BRS
12	1	314527	FUEL FILT H BARB 647 PERK
13	1	342016	FUEL PUMP SHIELD 200 92



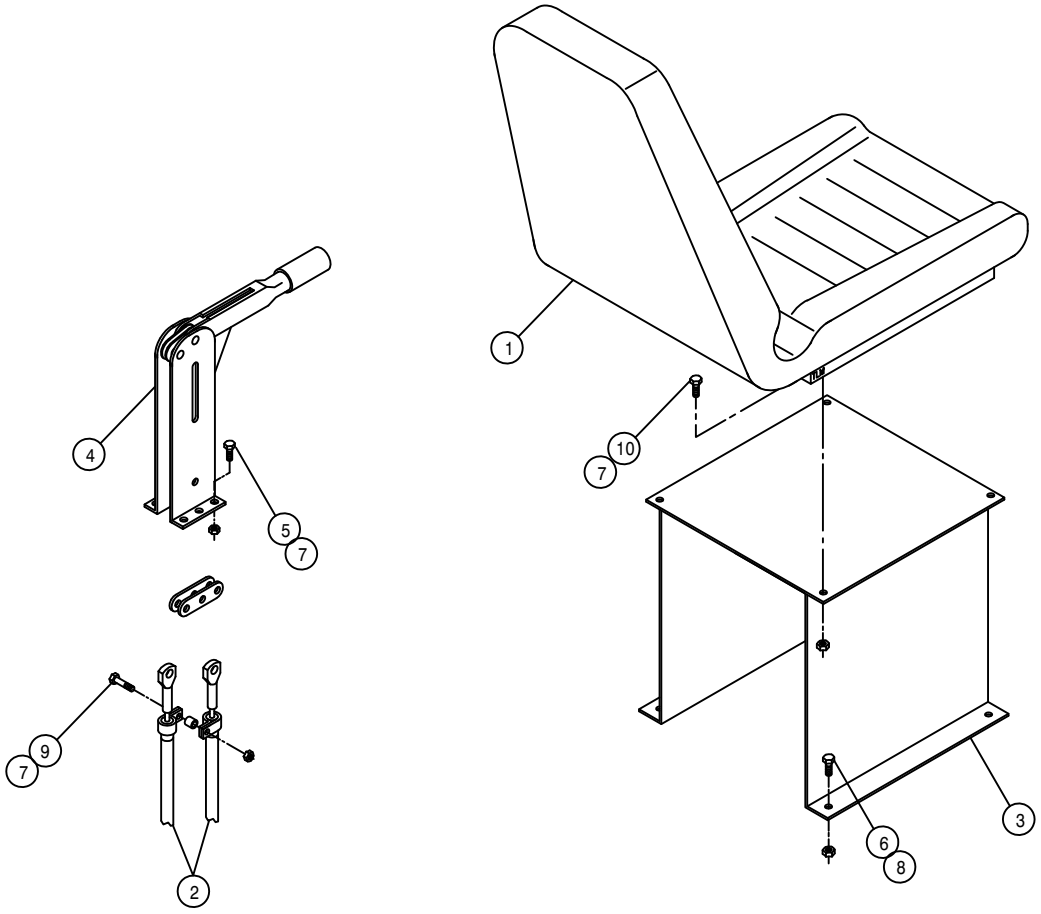


OPERATOR STATION ASSEMBLY

DET. QTY PART NO. DESCRIPTION

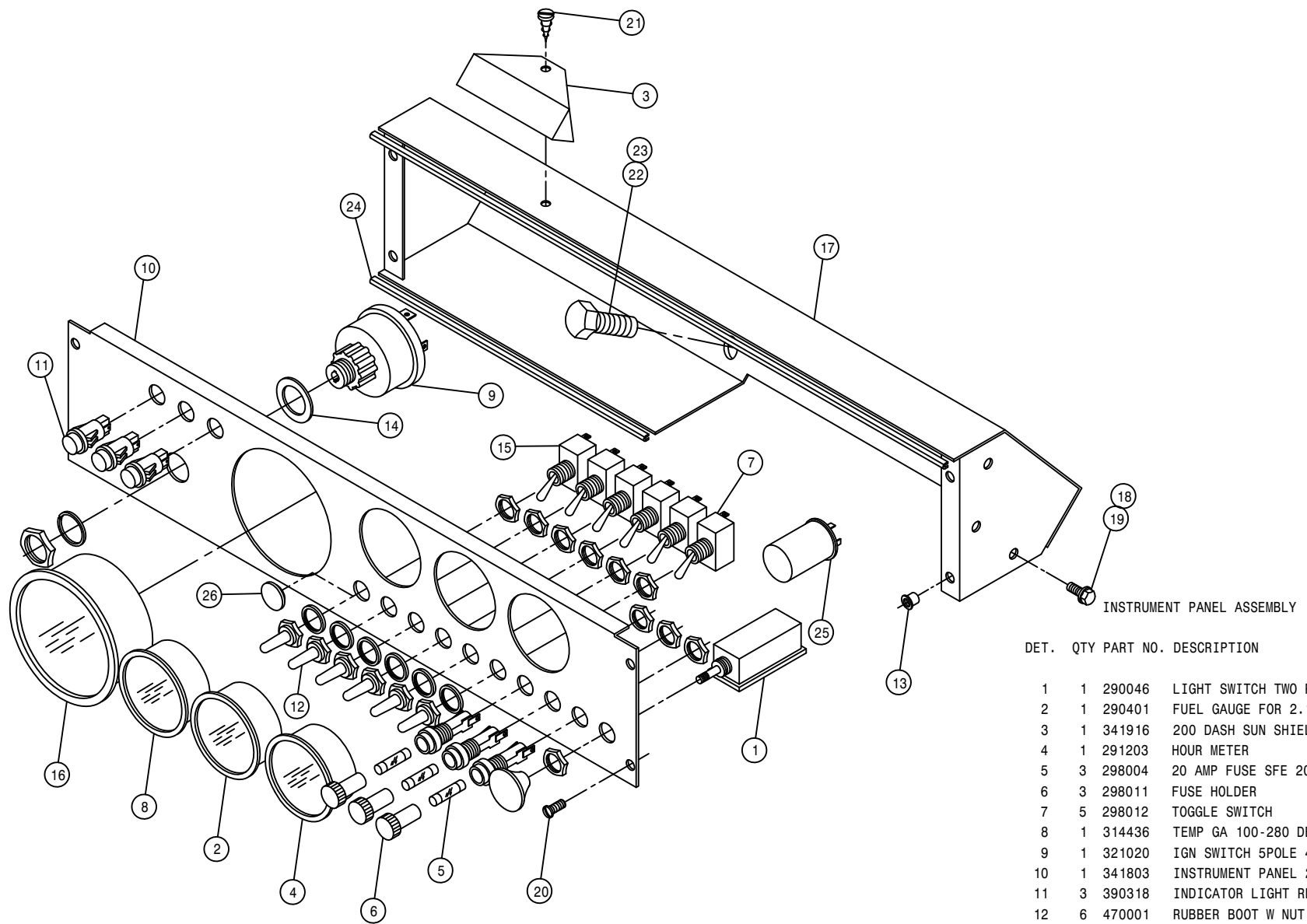
1	1	290107	ENG TO GROUND STRAP 8 IN TB2
2	4	311032	ENG IS/LATOR 470 472 1978
3	1	290412	DIMMER SWITCH TB
4	1	341668	OP STN WLD 280 89
5	2	341855	200 ADJUSTABLE LIGHT MT WLD89
6	1	341700	OP STN BOOT WLD 280 89
7	1	341738	STRG POST BRACE WLD 280 89
8	1	341824	RH OP STN LOWER PANEL 200 89
9	1	341825	RH OP STN PANEL KPR WLD 200
10	1	293093	TERMINAL BLOCK 6 POS - 2 ROW
11	2	341858	200 ADJ LIGHT MT BRKT WLD 89
12	4	900269	1/2UNC X 2 3/4 HEX BOLT
13	2	903889	10-32 X 3/4 SLT RDHD MACH SCR
14	2	910027	#10-32 HEX NUT
15	5	914008	1/2UNC HEX STOVER NUT
16	4	483037	FLAT WASH 5/8 REGULAR
17	2	920510	LOCK WASH NO 10
18	2	470086	1/4UNC NUTSERT .020-.100MATL
19	22	470118	1/4UNC X 3/4 FLANGED HEX BOLT
20	20	470121	1/4UNC HEX FLANGED LOCK NUT
21	4	483041	1/2 REGULAR FLAT WASH PLT
22	2	903814	6-32 X 3/4 SLT RD HD MACH SCR
23	2	910022	#6-32 HEX NUT
24	2	659579	FOAM, 2IN WIDE X 40IN LONG
25	2	291089	ADJUSTABLE LIGHT W/ GUARD
26	2	900128	3/8UNC X 3/4 HEX BOLT
27	2	193011	EDGE GUARD, BLK
28	1	314906	NOISE DEFLECTOR SHIELD 92
29	2	314907	NOISE DEFLECTOR SHLD MT BOLT
30	1	900263	1/2UNC X 1 HEX BOLT
31	8	910004	3/8UNC HEX NUT
32	1	920004	1/2 FLAT WASHER SAE

NOTE: DETAIL 27, 28, 29, 30, 31, AND 32 ARE USED WITH THE DIESEL OPTION.



SEAT AND BRAKE ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	330002	SEAT FOR 647 1977
2	2	826926	190 IN BRAKE CABLE 470
3	1	341336	SEAT MT WLD 8300 X-11 1981
4	1	826108	BRAKE LEVER ASSY TB2
5	4	900064	5/16UNC X 3/4 HEX BOLT
6	4	900129	3/8UNC X 1 HEX BOLT
7	9	914002	5/16 UNC STOVER NUT
8	4	914004	3/8 UNC STOVER NUT
9	1	900067	5/16UNC X 1 1/2 HEX BOLT
10	4	901064	5/16UNC X 3/4 CARR BOLT

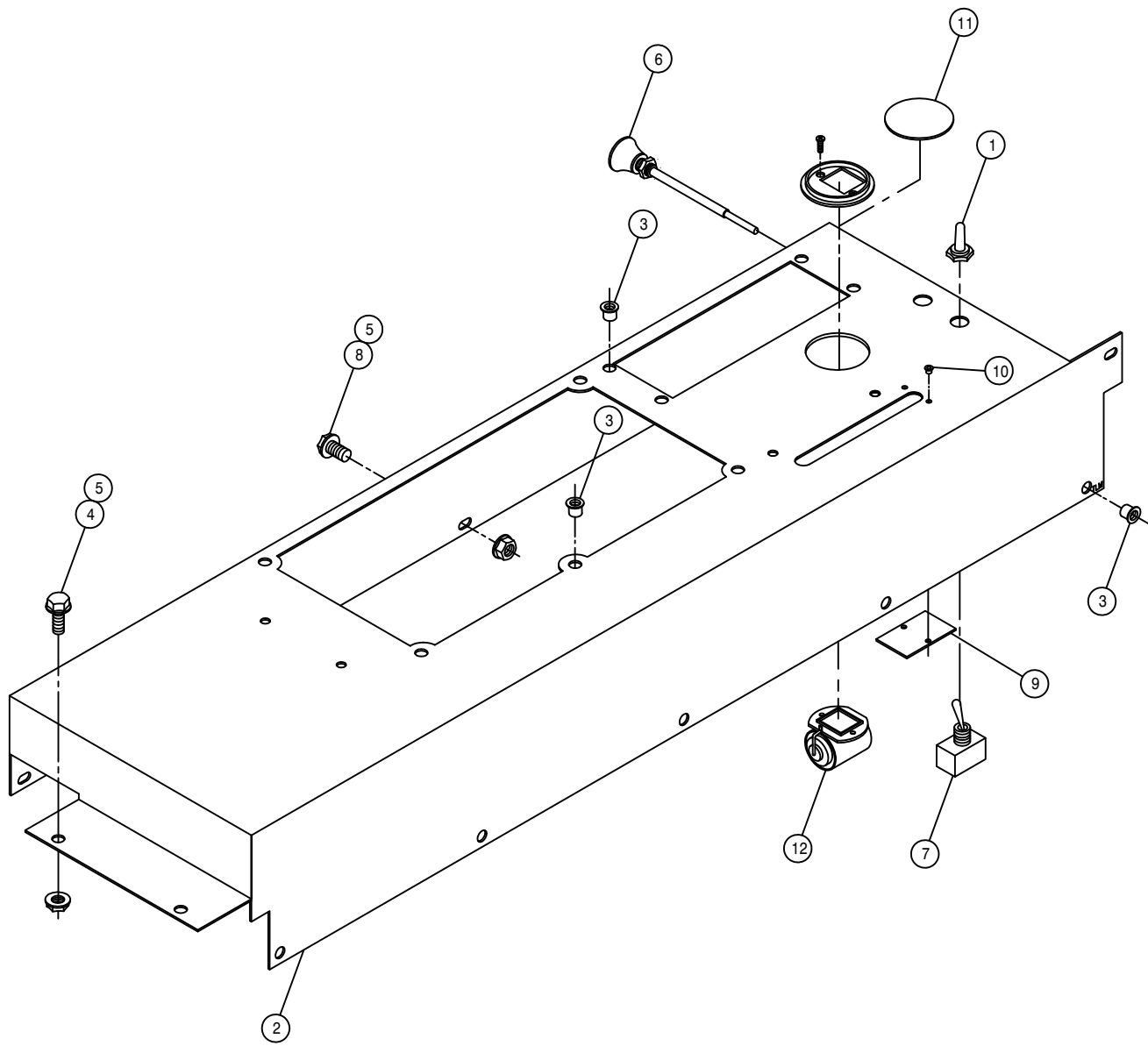


INSTRUMENT PANEL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
1	1	290046	LIGHT SWITCH TWO POSITION	
2	1	290401	FUEL GAUGE FOR 2.125 DIA HOLE	
3	1	341916	200 DASH SUN SHIELD	90
4	1	291203	HOUR METER	640
5	3	298004	20 AMP FUSE SFE 20	
6	3	298011	FUSE HOLDER	
7	5	298012	TOGGLE SWITCH	
8	1	314436	TEMP GA 100-280 DEG LIGHTED	
9	1	321020	IGN SWITCH 5POLE 470 640 TB2	
10	1	341803	INSTRUMENT PANEL 200	89
11	3	390318	INDICATOR LIGHT RED SNAP-IN	
12	6	470001	RUBBER BOOT W NUT FOR 298012	
13	4	470165	#10-32 NUTSERT .020-.100 MATL	
14	1	483031	MACH WASH 7/8 ID 1 3/8 OD	
15	1	291204	TOGGLE SWITCH 2 P.D.T.	
16	1	674000	MOTOROLA SPEEDOMETER	
17	1	341742	INSTRUMENT PANEL HSNGL WLD 280	
18	1	470118	1/4UNC X 3/4 FLANGED HEX BOLT	
19	1	470121	1/4UNC HEX FLANGED LOCK NUT	
20	4	903883	10-32 X 1/2 SLTRD HD MACH SCR	
21	1	473902	NO 8 X 1/2 PAN HD MET SC	640
22	1	900263	1/2UNC X 1 HEX BOLT	
23	1	914008	1/2UNC HEX STOVER NUT	
24	2	193011	EDGE GUARD, BLK	
25	1	473917	FLASHER SAE 536	640
26	1	658174	BUMPER PLUG FOR 1/2 HOLE	

NOTE: 1. DETAIL 26 IS USED WITH DIESEL OPTION.

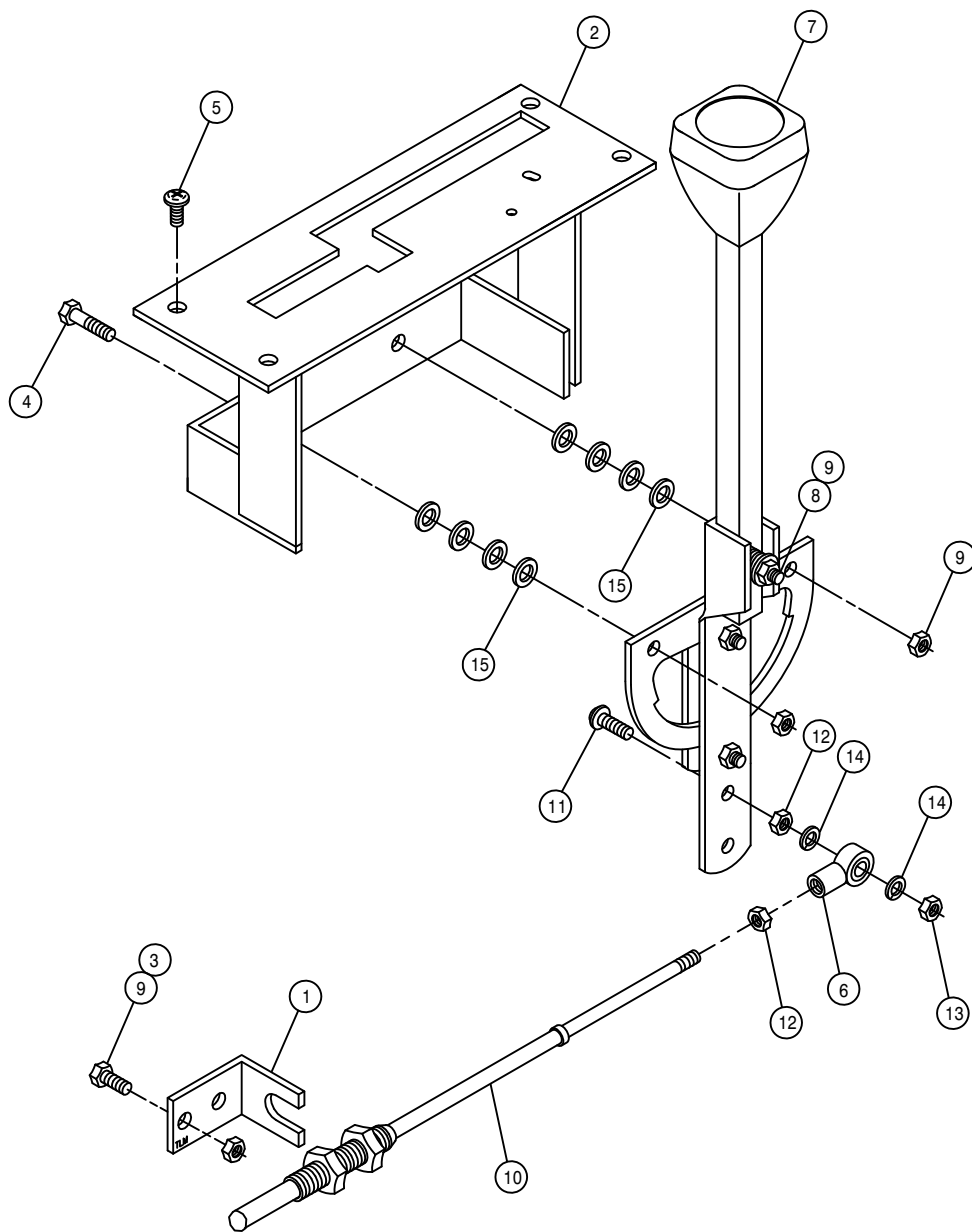
2. DETAIL 15 IS USED WITH GAS OPTION.



CONSOLE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

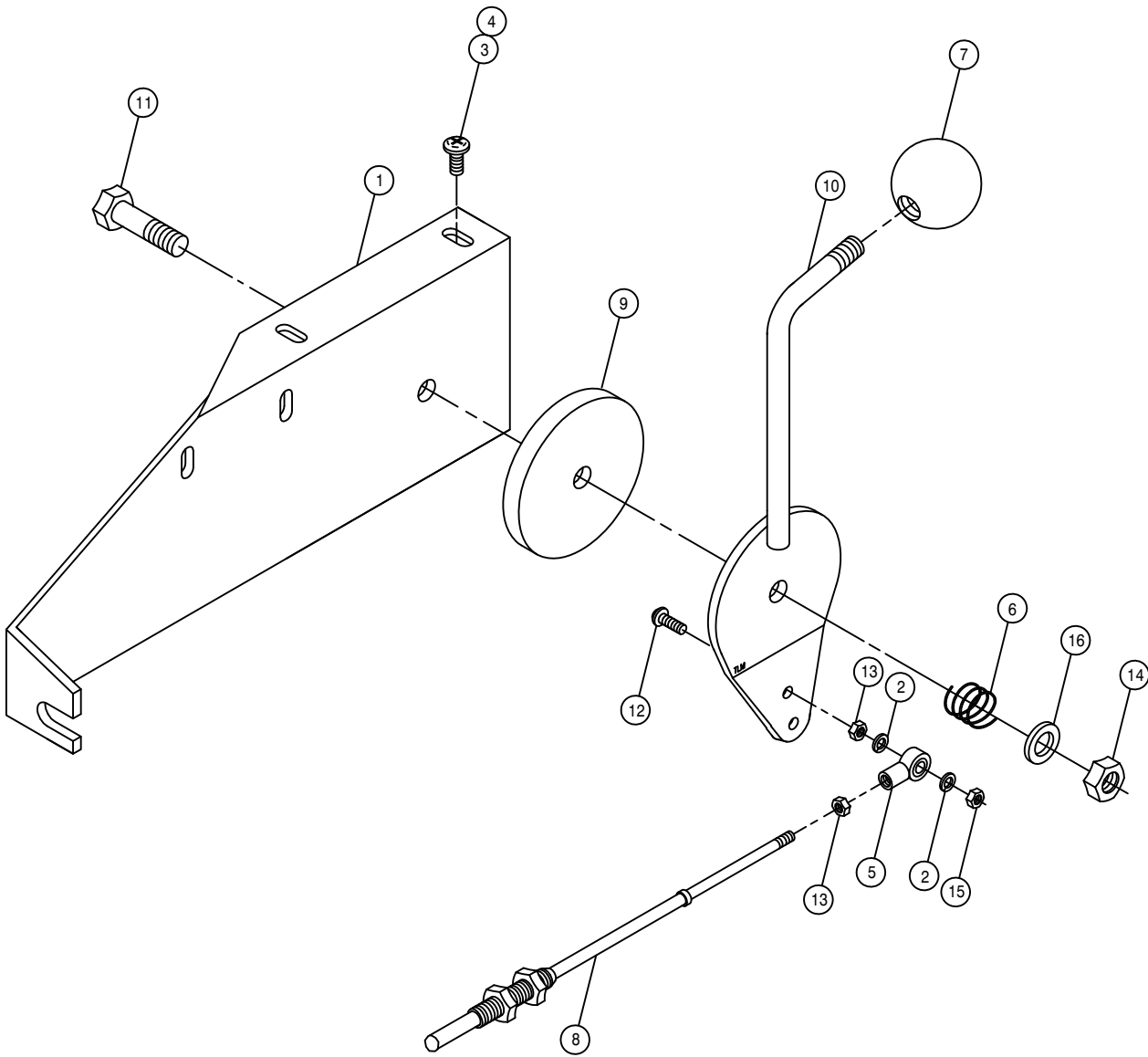
1	1	470001	RUBBER BOOT W NUT FOR 298012
2	1	341802	CONSOLE WLDMT 200 89
3	15	470086	1/4UNC NUTSERT .020-.100MATL
4	3	470118	1/4UNC X 3/4 FLANGED HEX BOLT
5	7	470121	1/4UNC HEX FLANGED LOCK NUT
6	1	780101	CHOKE CONTROL 144 IN TB2
7	1	610412	TOGGLE SWITCH FOR FUEL VLV
8	4	470122	1/4UNC X 1/2 FLANGED HEX BOLT
9	1	341626	THROTTLE STOP
10	2	485052	POP RIVET 1/8 X 3/8
11	1	629728	FINISH PLUG FOR 2.12 HOLE
12	1	314901	FILTER MINDER AIR RESTRICT GA



HYDROSTATIC LEVER ASSEMBLY

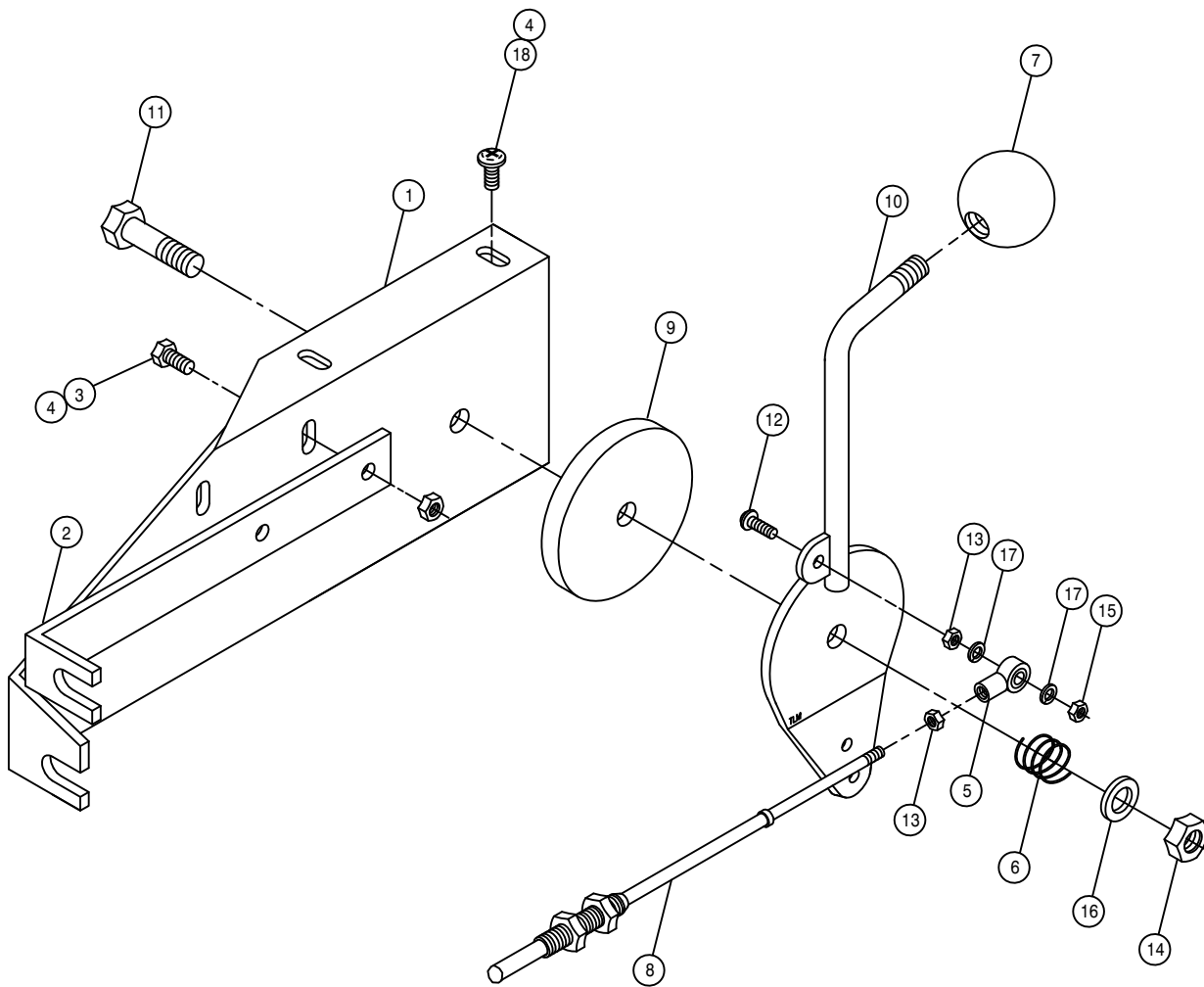
DET. QTY PART NO. DESCRIPTION

1	1	341188	CONSOLE THROT CABLE MT ANGLE
2	1	341501	HYDST CONT LEVER MT WLD 8540
3	2	900000	1/4UNC X 1/2 HEX BOLT
4	2	900003	1/4UNC X 1 HEX BOLT
5	4	903708	MACH SCR 1/4-20X1/2 PHIL PNHD
6	1	473921	BALL JOINT NO 10-32 THD
7	1	606864	HYDST CONTROL LEVER MODIFIED
8	1	900005	1/4UNC X 1 1/2 HEX BOLT
9	5	914000	1/4 UNC STOVER NUT
10	1	785061	CTRL CABLE 10-32 4IN X 100 LG
11	1	903893	10 32 X 1 SLT RD HD MACH SCR
12	2	910027	HEX NUT NO 10-32
13	1	914027	NO 10-32 STOVER NUT
14	2	920510	LOCK WASH NO 10
15	8	920000	1/4 FLAT WASH SAE



THROTTLE LEVER ASSEMBLY

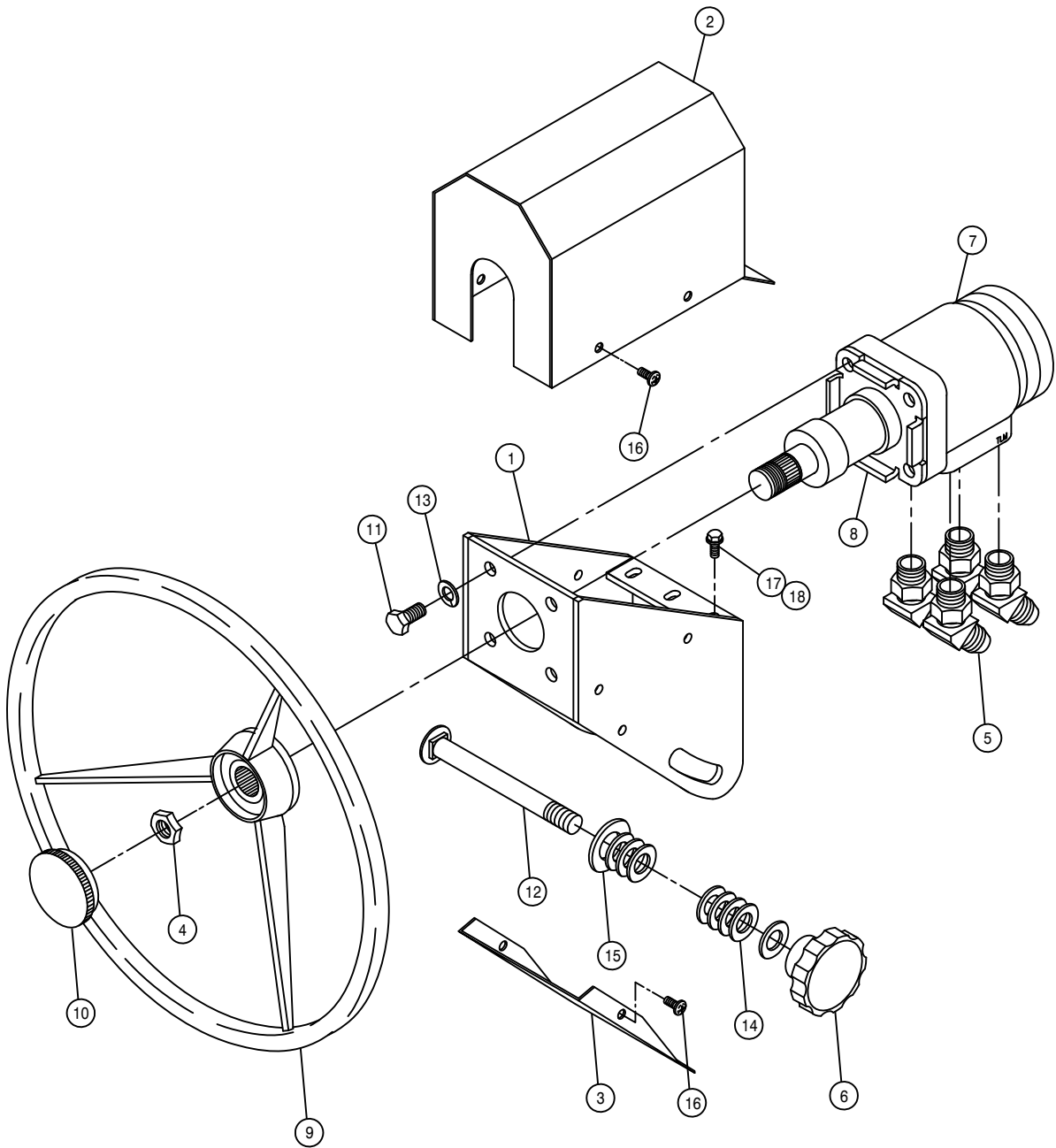
DET.	QTY	PART NO.	DESCRIPTION	
	1	341689	THROTTLE LEVER MT 280	89
	2	920510	LOCK WASH NO 10	
	2	903711	MACH SCR 1/4-20X3/4 PHIL PNHD	
	2	470121	1/4-20 FLANGED WHIZ NUT	
	1	473921	BALL JOINT NO 10-32 THD	
	1	499001	SPRING HYDRO CONTROL	
	1	659292	1 7/8DIA BALL KNOB 3/8-16	
	1	785003	CTRL CABLE 10-32 4IN X 112 LG	
	1	785046	FRICTION DISC 3-333 X .38	
	1	785040	THROT LEVER WLD CONSOLE 8400	
	1	900170	3/8UNC X 2 1/4 HEX BOLT	
	1	903893	10 32 X 1 SLT RD HD MACH SCR	
	2	910027	HEX NUT NO 10-32	
	1	914004	3/8 UNC STOVER NUT	
	1	914027	NO 10-32 STOVER NUT	
	1	920002	WASH FLAT 3/8 SAE	



DIESEL THROTTLE LEVER ASSEMBLY

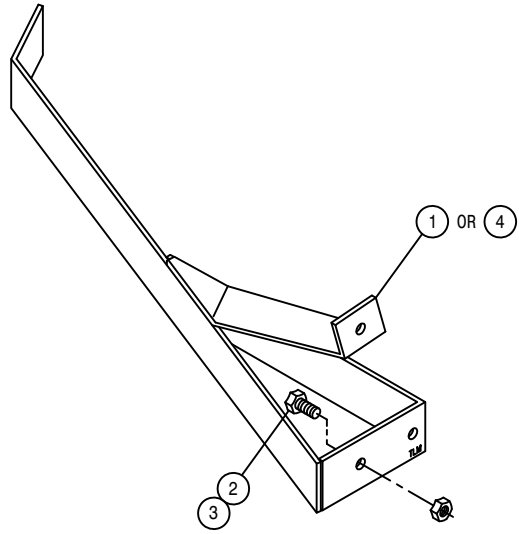
DET. QTY PART NO. DESCRIPTION

1	1	341689	THROTTLE LEVER MT 280	89
2	1	341690	THROTTLE CABLE MT 280 CUMM 89	
3	2	470118	1/4UNC X 3/4 FLANGED HEX BOLT	
4	4	470121	1/4UNC HEX FLANGED LOCK NUT	
5	1	473921	BALL JOINT NO 10-32 THD	
6	1	499001	SPRING HYDRO CONTROL	
7	1	659292	1 7/8DIA BALL KNOB 3/8-16	
8	1	785062	CTRL CABLE 10-32 4IN X 120 LG	
9	1	785046	FRICTION DISC 3-333 X .38	
10	1	785060	THROTTLE LEVER WLD ONAN	85
11	1	900170	3/8UNC X 2 1/4 HEX BOLT	
12	1	903893	10 32 X 1 SLT RD HD MACH SCR	
13	2	910027	#10-32 HEX NUT	
14	1	914004	3/8UNC HEX STOVER NUT	
15	1	914027	#10-32 HEX STOVER NUT	
16	1	920002	WASH FLAT 3/8 SAE	
17	2	920510	LOCK WASH NO 10	
18	2	903711	MACH SCR 1/4-20X3/4 PHIL PNHD	



STEERING WHEEL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	341691	STRG MTR PIVOT HSNQ WLD 280
	1	341695	STRG MTR COVER WELD 280 89
	1	341705	STRG MTR LWR COVER 280 89
	1	470157	13/16-20UNEF HEX NUT STRG WHL
	4	618496	9/16MJIC-45-3/4MOR LBO
	1	742502	STRG ADJ KNOB 440
	1	749150	STRG MTR NON-LOAD REACT 1008
	1	749178	STRG COLUMN 2.5IN LONG
	1	749245	STRG WHL 14.0 DIA W/CAP
	1	749244	STRG WHL CAP FOR 749245
	4	900130	3/8UNC X 1 1/4 HEX BOLT
	1	901276	1/2UNC X 5 CARR BOLT
	4	920002	WASH FLAT 3/8 SAE
	8	920004	1/2 FLAT WASHER SAE
	1	920005	5/8 FLAT WASH SAE
	6	903708	MACH SCR 1/4-20X1/2 PHIL PNHD
	3	470118	1/4UNC X 3/4 FLANGED HEX BOLT
	3	470121	1/4UNC HEX FLANGED LOCK NUT



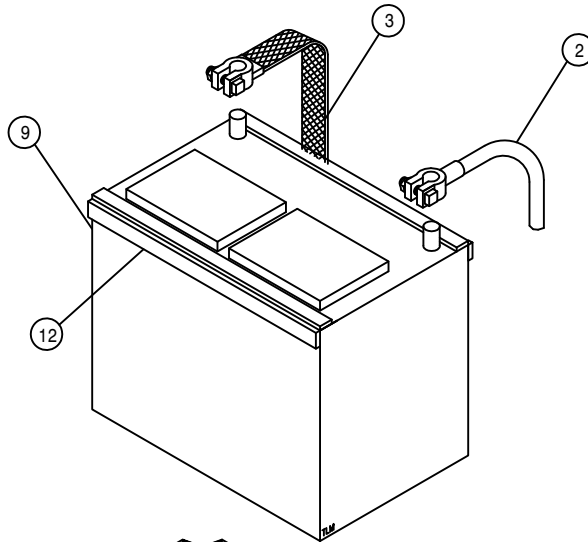
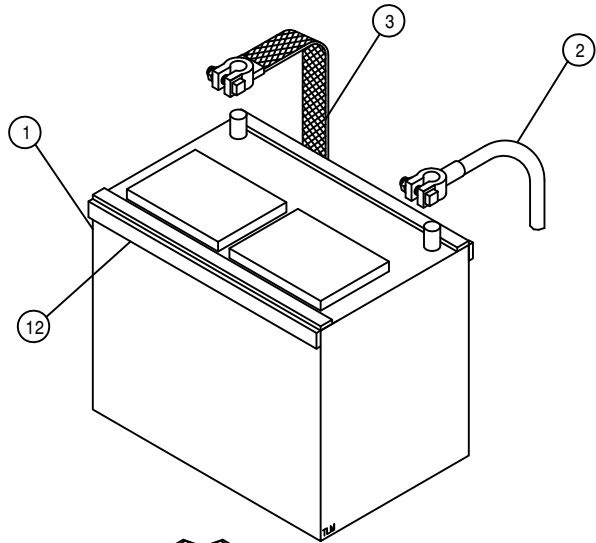
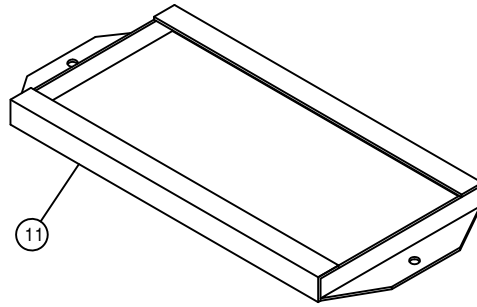
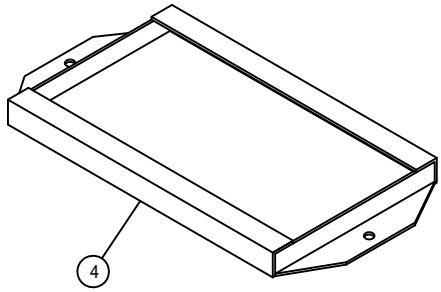
CROP GUIDES

DET. QTY PART NO. DESCRIPTION

1	1	662217	RH REAR STALK GUIDE WLD280 89
2	2	900129	3/8UNC X 1 HEX BOLT
3	2	914004	3/8 UNC STOVER NUT
4	1	662218	LH REAR STALK GUIDE WLD280 89

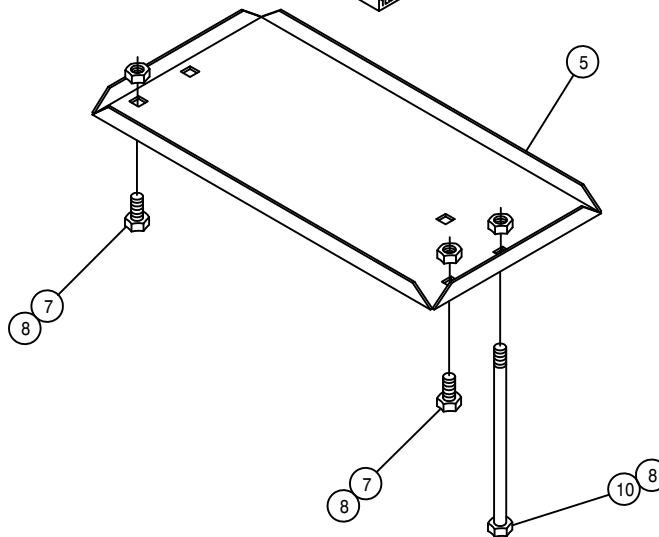
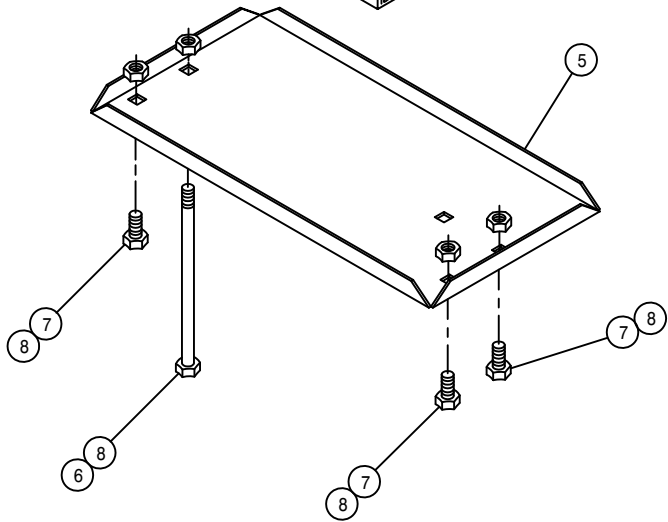
GAS ENGINE OPTION

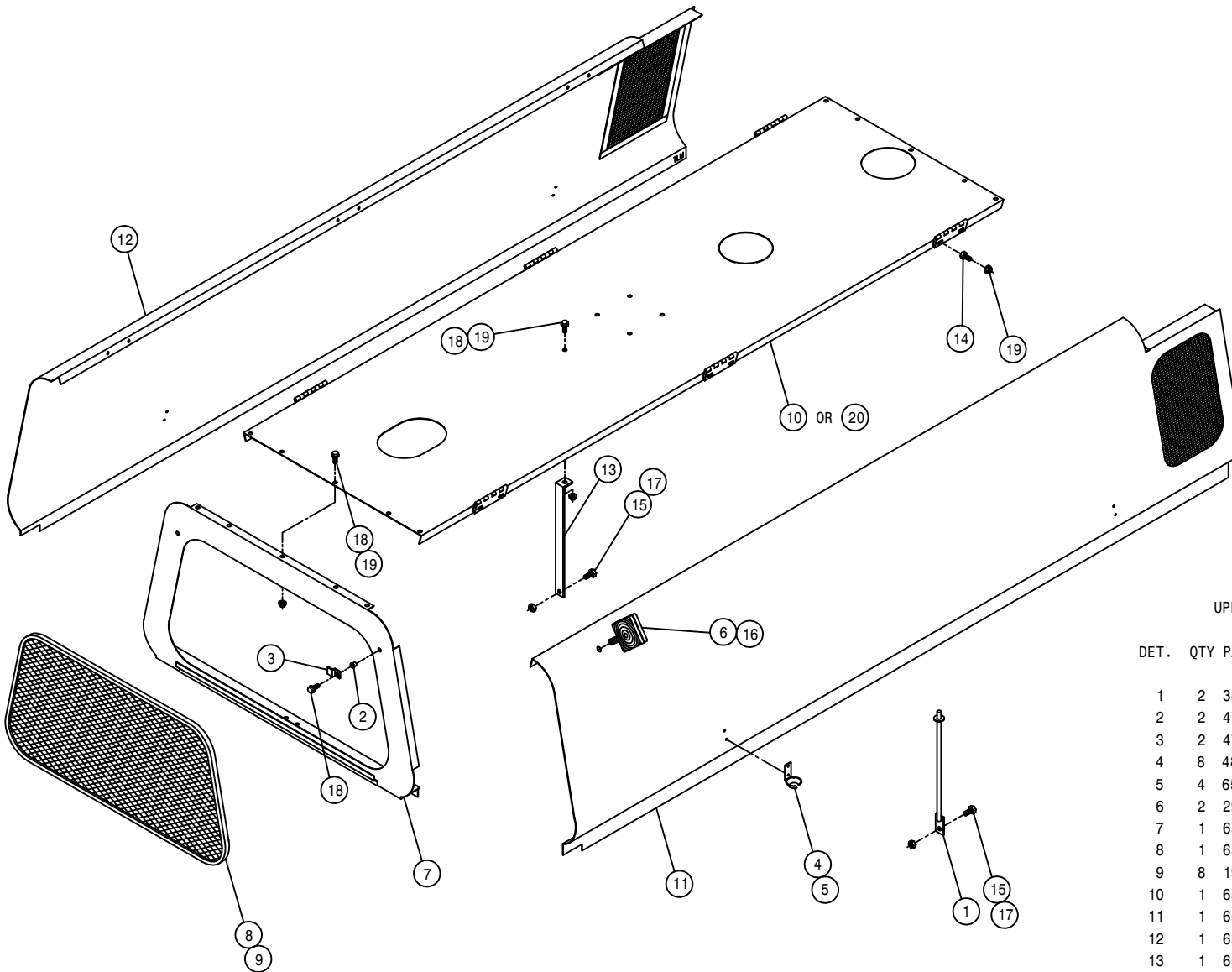
DIESEL ENGINE OPTION



BATTERY BOX ASSEMBLY

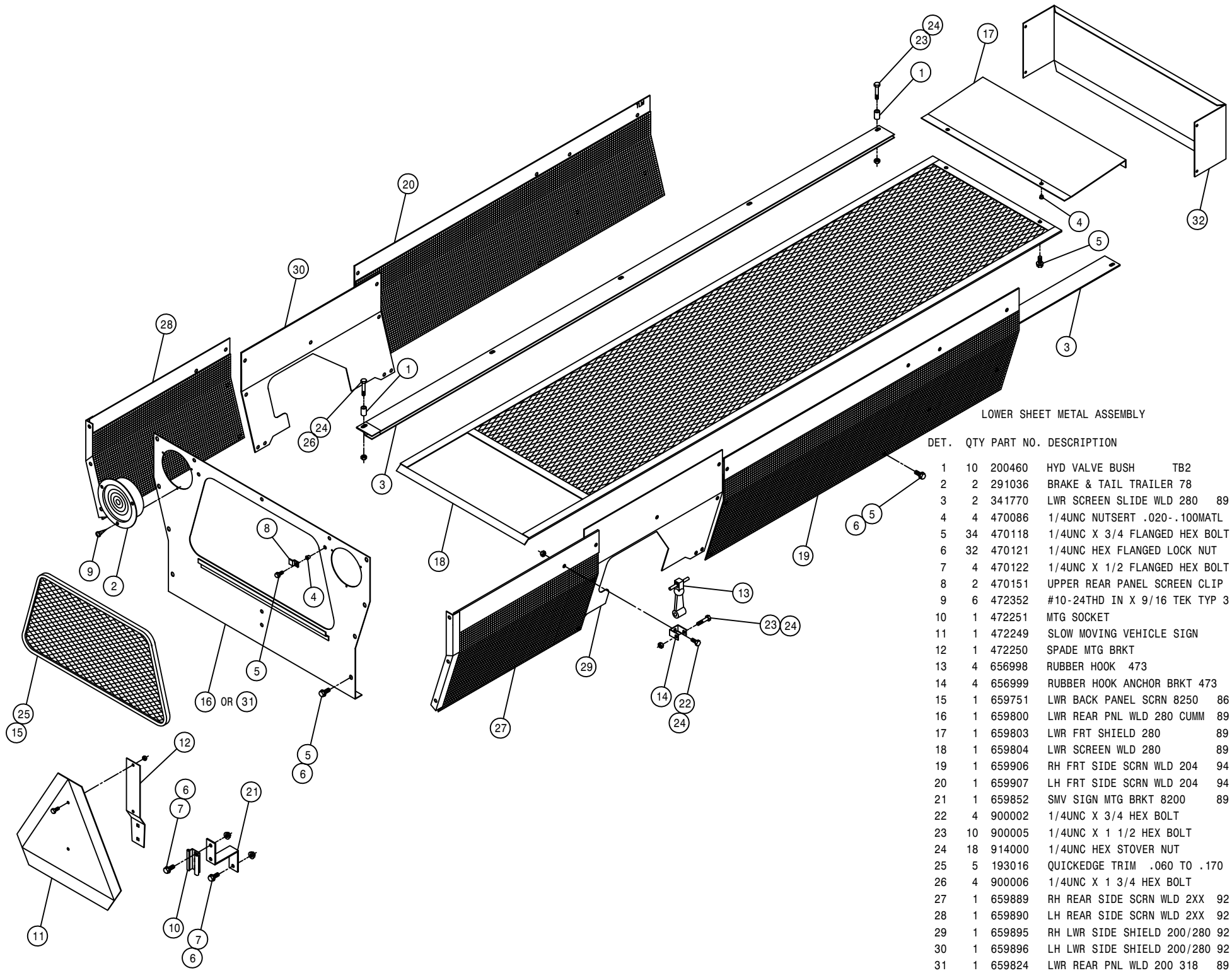
DET.	QTY	PART NO.	DESCRIPTION
1	1	290013	BATT 12V 90AH LT WARRANTY
2	2	291128	BATTERY CABLE 48 IN
3	2	290111	GROUND STRAP
4	1	290212	BATT HOLD DOWN WLD CHRY
5	2	361149	BATTERY BOX 8300-8400 1981
6	2	901149	3/8UNC X 8 1/2 CARR BOLT
7	5	900128	3/8UNC X 3/4 HEX BOLT
8	9	914004	3/8UNC HEX STOVER NUT
9	1	291122	BATTERY,575 AMP 160 RES
10	2	901150	3/8UNC X 9 CARR BOLT
11	1	341322	BATTERY HOLD DOWN WLD 1981
12	8	193022	STICKERTITE 1/4 X 3/4





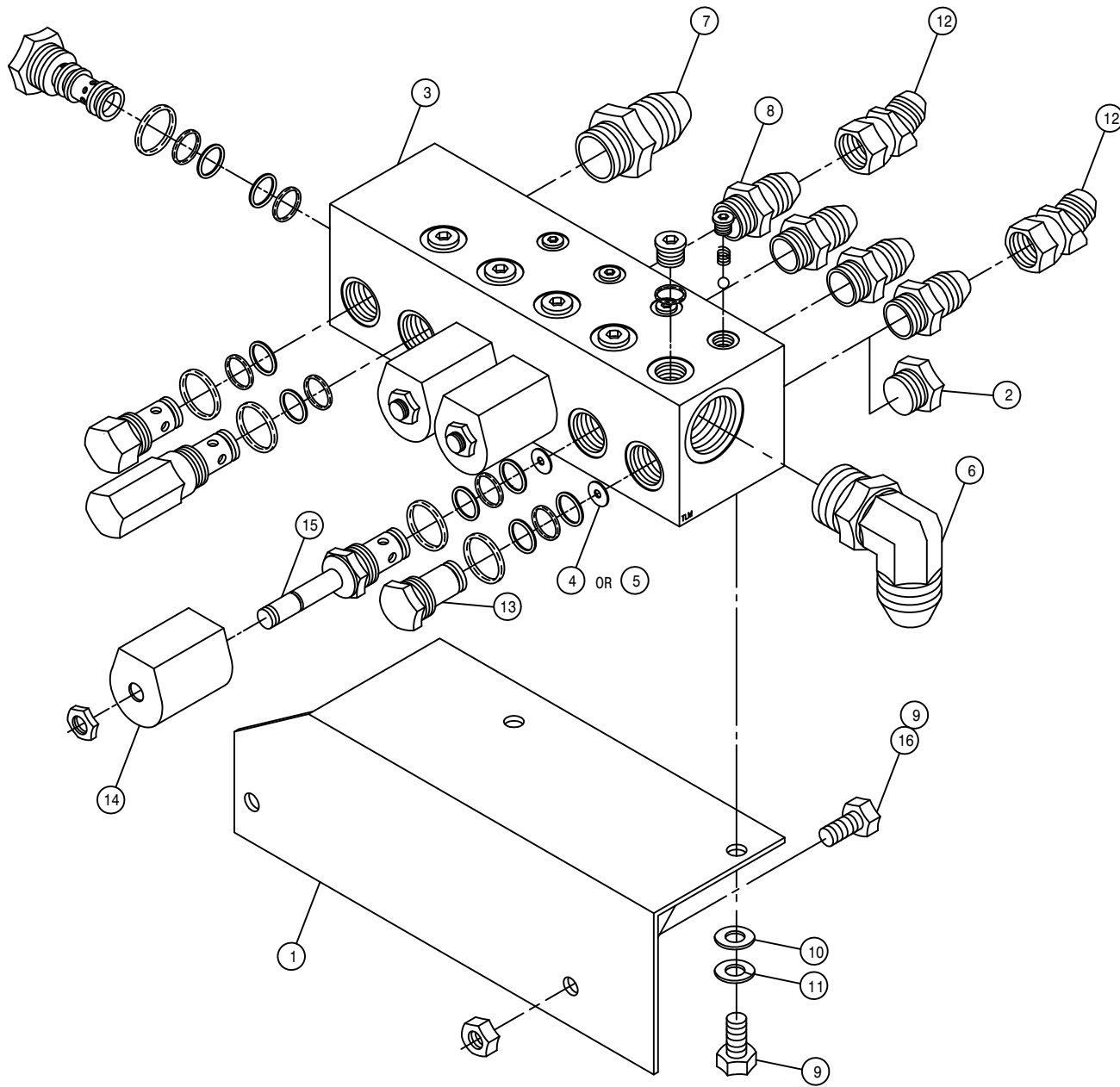
UPPER SHEET METAL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	2 341356	ENGINE HOOD PROP WLD 8240 82
	2	2 470086	1/4UNC NUTSERT .020-.100MATL
	3	2 470151	UPPER REAR PANEL SCREEN CLIP
	4	8 485053	POP RIVET 3/16 X 3/8
	5	4 656997	RUBBER HOOK BRKT 473
	6	2 291186	AMBER LENS FOR FLASHER 291114
	7	1 659575	UPPER REAR PANEL WLD 8240 82
	8	1 659578	UPPER REAR PANEL SCREEN 8240
	9	8 193016	QUICKEDGE TRIM .060 TO .170
	10	1 659822	MULLION WLD 200 CHRY 318 89
	11	1 659796	RH ENGINE HOOD WLD 280 89
	12	1 659797	LH ENGINE HOOD WLD 280 89
	13	1 659835	MULLION SUPPORT 200 89
	14	12 900000	1/4UNC X 1/2 HEX BOLT
	15	3 900128	3/8UNC X 3/4 HEX BOLT
	16	2 291114	FLASHER & SIDE MARKER LIGHT
	17	3 914004	3/8UNC HEX STOVER NUT
	18	13 470118	1/4UNC X 3/4 FLANGED HEX BOLT
	19	23 470121	1/4UNC HEX FLANGED LOCK NUT
	20	1 659881	MULLION WLD CUMM 280 92



LOWER SHEET METAL ASSEMBLY

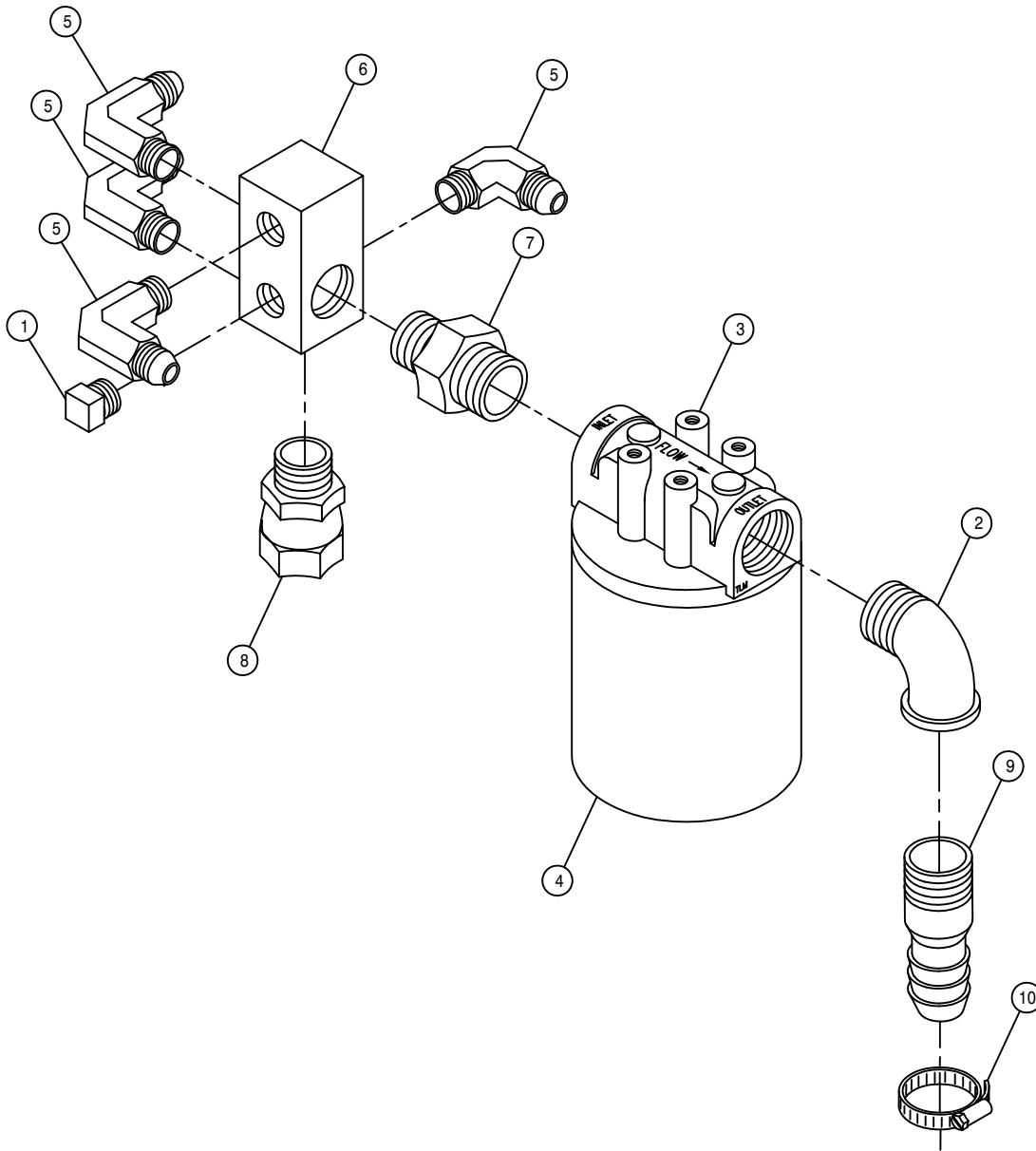
DET.	QTY	PART NO.	DESCRIPTION	
1	10	200460	HYD VALVE BUSH TB2	
2	2	291036	BRAKE & TAIL TRAILER 78	
3	2	341770	LWR SCREEN SLIDE WLD 280	89
4	4	470086	1/4UNC NUTSERT .020-.100MATL	
5	34	470118	1/4UNC X 3/4 FLANGED HEX BOLT	
6	32	470121	1/4UNC HEX FLANGED LOCK NUT	
7	4	470122	1/4UNC X 1/2 FLANGED HEX BOLT	
8	2	470151	UPPER REAR PANEL SCREEN CLIP	
9	6	472352	#10-24THD IN X 9/16 TEK TYP 3	
10	1	472251	MTG SOCKET	
11	1	472249	SLOW MOVING VEHICLE SIGN	
12	1	472250	SPADE MTG BRKT	
13	4	656998	RUBBER HOOK 473	
14	4	656999	RUBBER HOOK ANCHOR BRKT 473	
15	1	659751	LWR BACK PANEL SCR N 8250	86
16	1	659800	LWR REAR PNL WLD 280 CUMM	89
17	1	659803	LWR FRT SHIELD 280	89
18	1	659804	LWR SCREEN WLD 280	89
19	1	659906	RH FRT SIDE SCR N WLD 204	94
20	1	659907	LH FRT SIDE SCR N WLD 204	94
21	1	659852	SMV SIGN MTG BRKT 8200	89
22	4	900002	1/4UNC X 3/4 HEX BOLT	
23	10	900005	1/4UNC X 1 1/2 HEX BOLT	
24	18	914000	1/4UNC HEX STOVER NUT	
25	5	193016	QUICKEDGE TRIM .060 TO .170	
26	4	900006	1/4UNC X 1 3/4 HEX BOLT	
27	1	659889	RH REAR SIDE SCR N WLD 2XX	92
28	1	659890	LH REAR SIDE SCR N WLD 2XX	92
29	1	659895	RH LWR SIDE SHIELD 200/280	92
30	1	659896	LH LWR SIDE SHIELD 200/280	92
31	1	659824	LWR REAR PNL WLD 200 318	89
32	1	659853	200 LWR FRONT SHIELD	89



MOTOR CONTROL VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

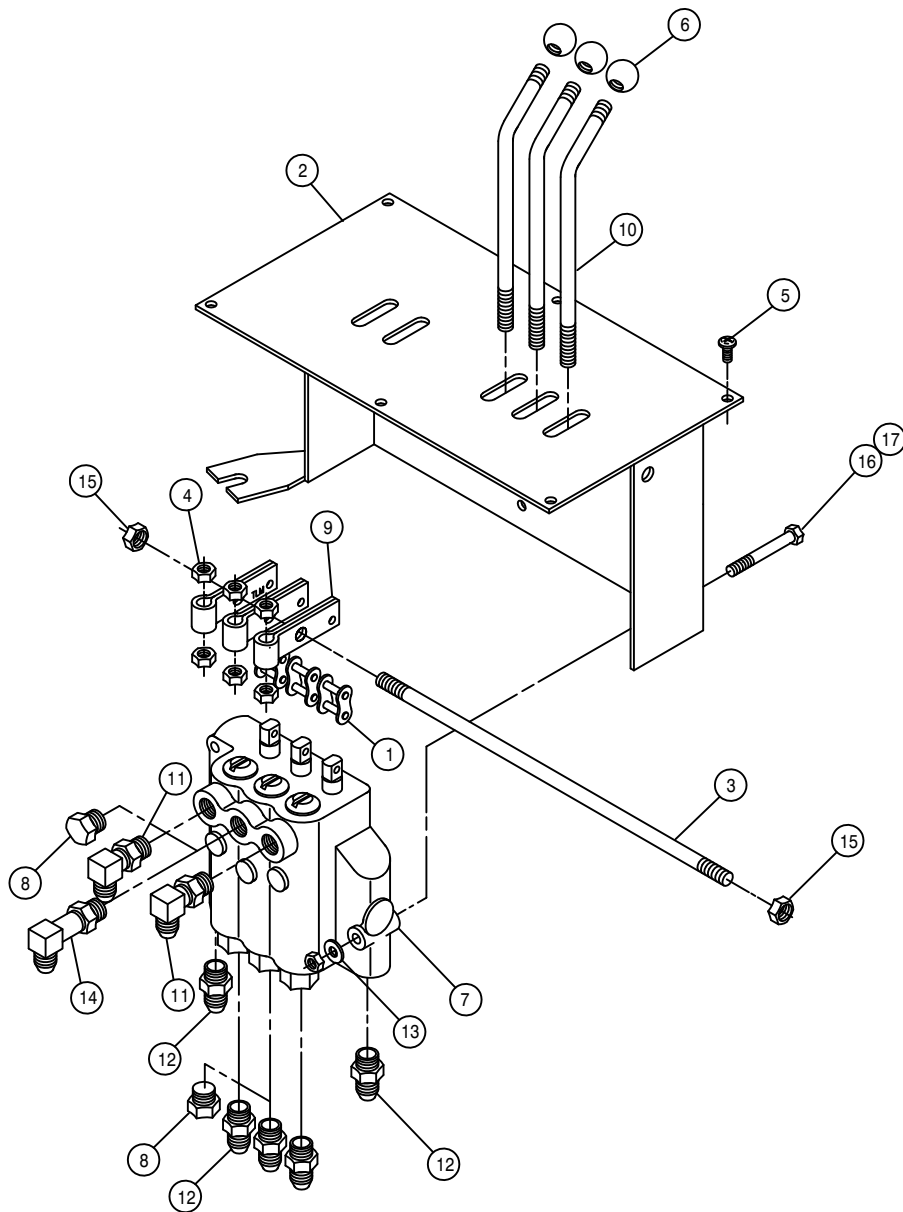
1	1	341846	MTR CTRL VLV MT WLD	200
2	1	610186	1 1/16MOR PLUG	
3	1	610467	MODULAR MTR CONTROL ELECT VLV	
4	4	610562	DISK .199 ORIFICE MOD CTRL	
5	4	610478	DISK .182 ORIFICE MOD CTRL	
6	1	618178	1 5/16MJIC-90-1 5/16MOR LBO	
7	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	
8	4	618469	3/4MJIC-1 1/16MOR ADPTR	
9	4	900128	3/8UNC X 3/4 HEX BOLT	
10	2	920002	WASH FLAT 3/8 SAE	
11	2	920502	LOCK WASH 3/8	
12	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	
13	1	610477	PLUG-10SERIES 2WAY MOD CTRL	
14	4	610480	SOLENOID COIL FOR610476REPAIR	
15	4	610481	SOLENOID VLV FOR 610476REPAIR	
16	2	914004	3/8UNC HEX STOVER NUT	



RETURN MANIFOLD FILTER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	503700	PIPE PLUG .50NPT SQ HD
2	1	506410	BLK PIPE ST EL 90DEG 1.25NPT
3	1	605601	GRESEN FILTER 10 MICRON 40GPM
4	1	605602	FILT ELEMENT 10MICRON 40GPM
5	4	611145	3/4MJIC-90-1/2MNPT LBO
6	1	614633	HYD MANIF 8200 86
7	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL
8	1	618587	1 5/16FJIC SWIV-1MNPT
9	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
10	1	520085	HOSE CLAMP NO 24 PLATED

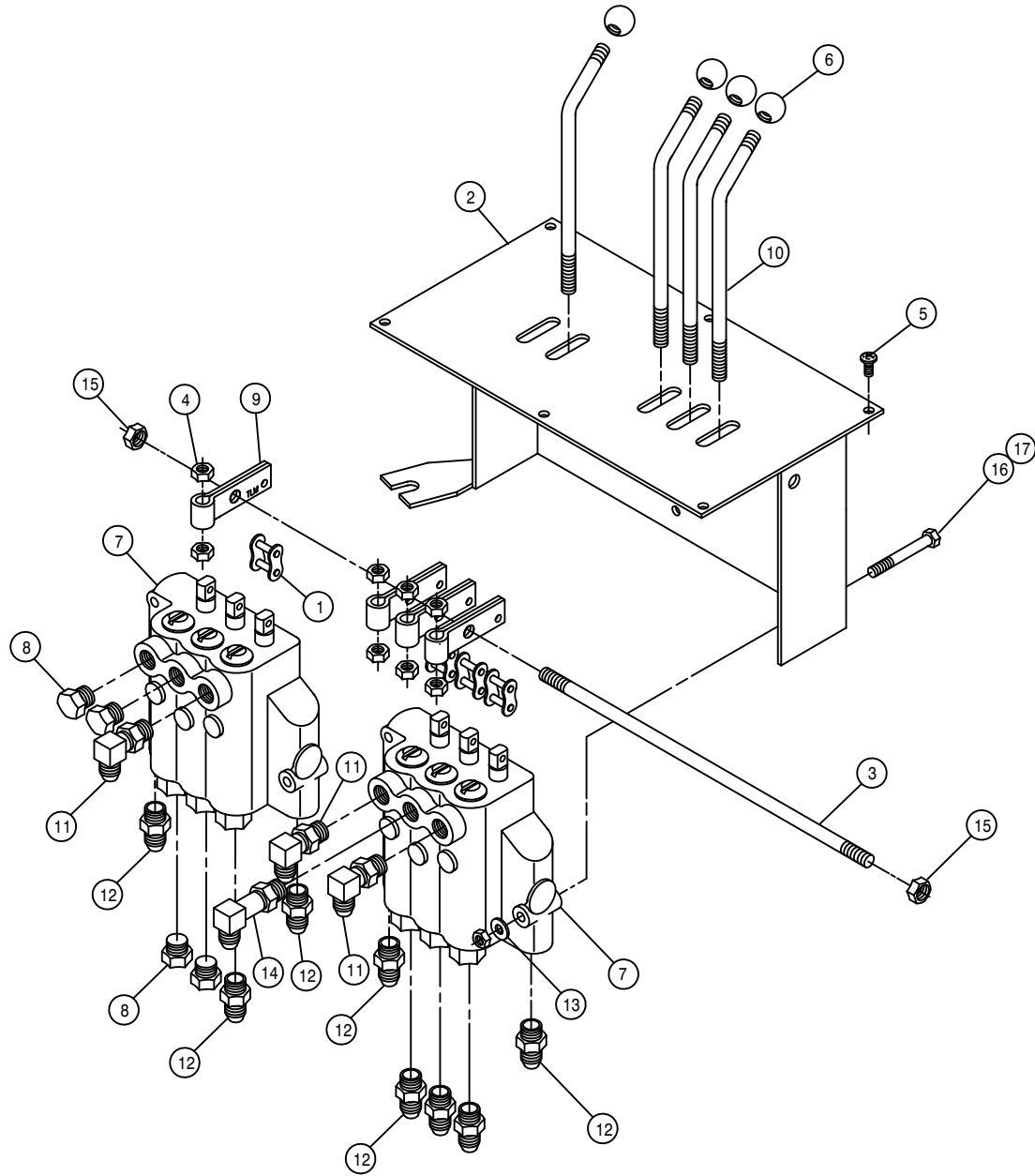


THREE SPOOL VALVE 3-LIFT ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	3	221001	CONN LINK CLIP TYPE RC50
2	1	341706	VLV MT WLD 2-3SPL VLV 280 89
3	1	341710	3SPL VLV LEVER PIVOT ROD 280
4	6	470087	NUT, 3/8UNC WHIZ LOC
5	6	903708	MACH SCR 1/4-20X1/2 PHIL PNHD
6	3	659291	1 DIA BALL KNOB 3/8-16INSERT
7	1	606585	CESSNA 3SPL VALVE W/O RELIEF
8	2	610185	9/16MOR PLUG
9	3	615336	LINK, VALVE HANDLE, 2.35PL
10	3	615337	HANDLE, 2-3SPL VALVE, 647
11	2	618119	9/16MJIC-90-9/16MOR LBO
12	5	618126	9/16MJIC-9/16MOR ADPTR
13	2	920000	1/4 FLAT WASH SAE
14	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
15	2	914004	3/8 UNC STOVER NUT
16	2	900007	1/4UNC X 2 HEX BOLT
17	2	914000	1/4 UNC STOVER NUT

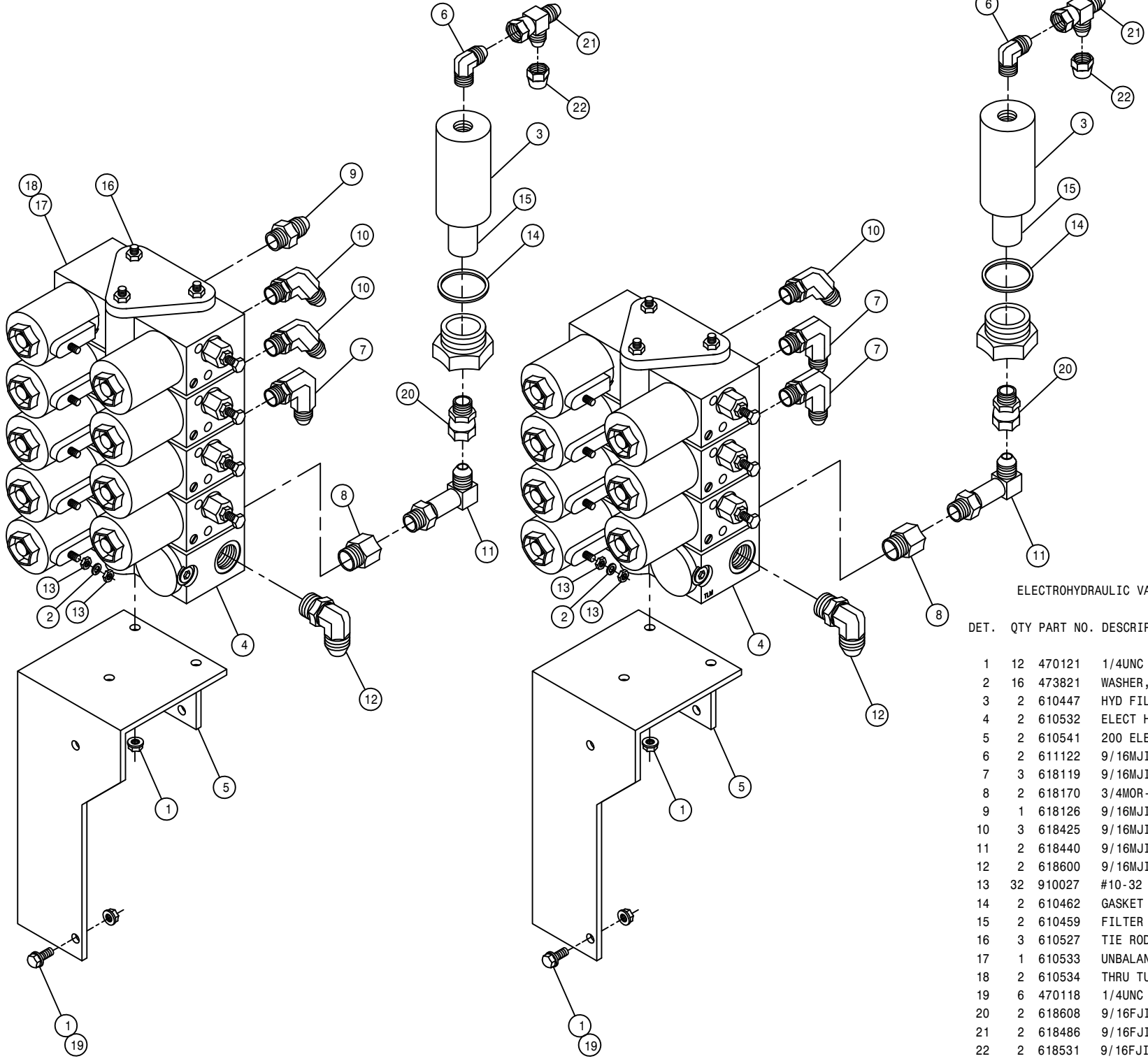
ITEM 8 IS USED WITH THE 2-LIFT OPTION.



THREE SPOOL VALVE 4-LIFT ASSEMBLY

DET. QTY PART NO. DESCRIPTION

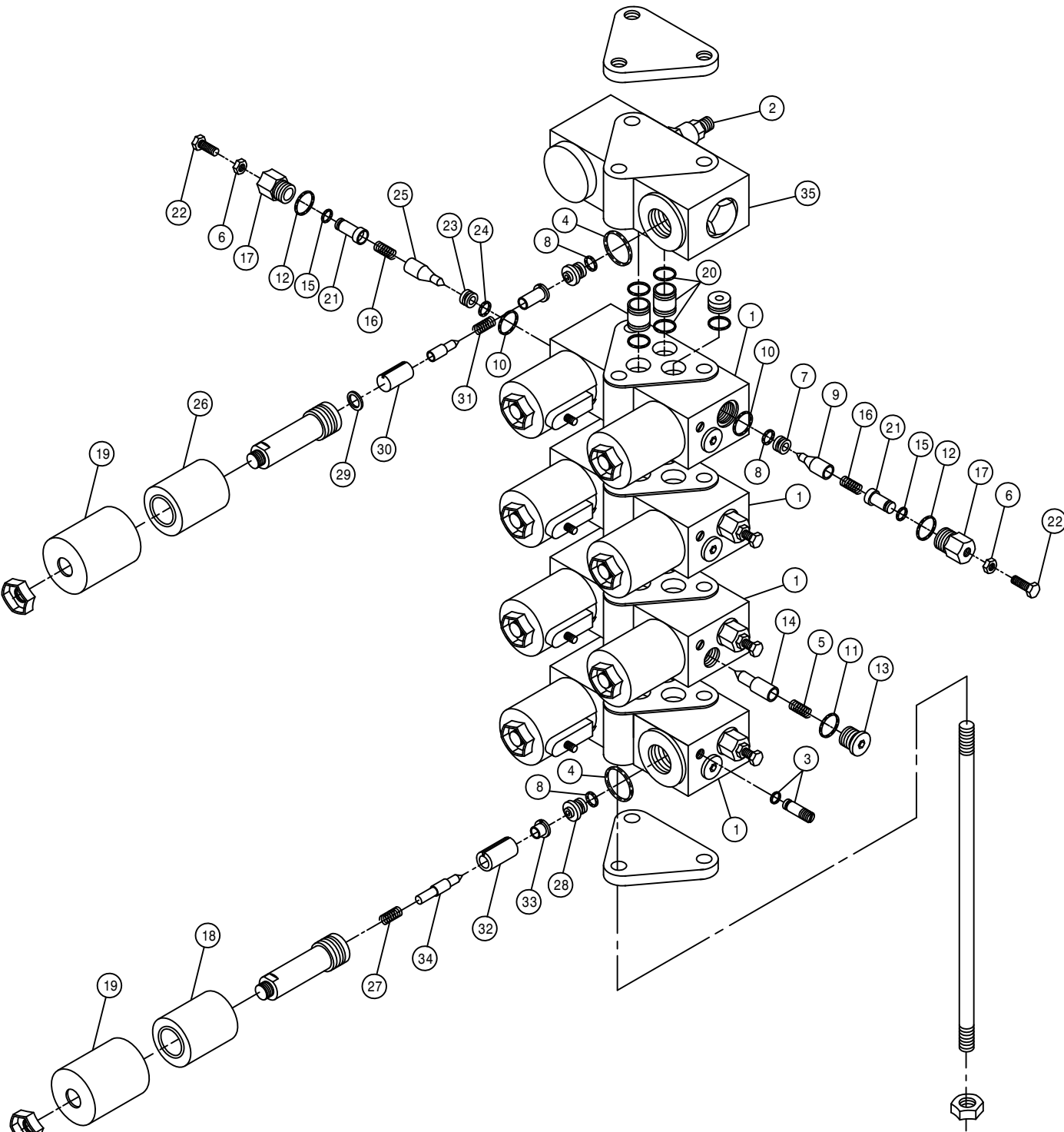
1	4	221001	CONN LINK CLIP TYPE RC50
2	1	341706	VLV MT WLD 2-3SPL VLV 280 89
3	1	341710	3SPL VLV LEVER PIVOT ROD 280
4	8	470087	NUT, 3/8UNC WHIZ LOC
5	6	903708	MACH SCR 1/4-20X1/2 PHIL PNHD
6	4	659291	1 DIA BALL KNOB 3/8-16INSERT
7	2	606585	CESSNA 3SPL VALVE W/O RELIEF
8	4	610185	9/16MOR PLUG
9	4	615336	LINK, VALVE HANDLE, 2.35PL
10	4	615337	HANDLE, 2-3SPL VALVE, 647
11	3	618119	9/16MJIC-90-9/16MOR LBO
12	8	618126	9/16MJIC-9/16MOR ADPTR
13	4	920000	1/4 FLAT WASH SAE
14	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
15	2	914004	3/8 UNC STOVER NUT
16	4	900007	1/4UNC X 2 HEX BOLT
17	4	914000	1/4 UNC STOVER NUT



ELECTROHYDRAULIC VALVE ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	12	470121 1/4UNC HEX FLANGED LOCK NUT
	2	16	473821 WASHER, INT TOOTH #10
	3	2	610447 HYD FILTER, INLINE 1/4FNPT 90M
	4	2	610532 ELECT HYD STACK VLV W/ADJ 89
	5	2	610541 200 ELECT T-TROL VLV MT WLD89
	6	2	611122 9/16MJIC-90-1/4MNPT LBO
	7	3	618119 9/16MJIC-90-9/16MOR LBO
	8	2	618170 3/4MOR-9/16FOR ADPTR
	9	1	618126 9/16MJIC-9/16MOR ADPTR
	10	3	618425 9/16MJIC-45-9/16MOR LBO
	11	2	618440 9/16MJIC-90-9/16MOR EX LG LBO
	12	2	618600 9/16MJIC-90-7/8MOR LBO
	13	32	910027 #10-32 HEX NUT
	14	2	610462 GASKET FOR 610447 ARROW FILT
	15	2	610459 FILTER ELEMENT FOR 610447 90M
	16	3	610527 TIE ROD- 4 SECTION ELECT VLV
	17	1	610533 UNBALANCED LOAD VALVE 89
	18	2	610534 THRU TUBE ASSY ELEC VLV 89
	19	6	470118 1/4UNC X 3/4 FLANGED HEX BOLT
	20	2	618608 9/16FJIC SWIV-1/4MNPT
	21	2	618486 9/16FJIC SW RUN TEE-9/16MJIC
	22	2	618531 9/16FJIC CAP NUT

45



ELECTROHYDRAULIC VALVE

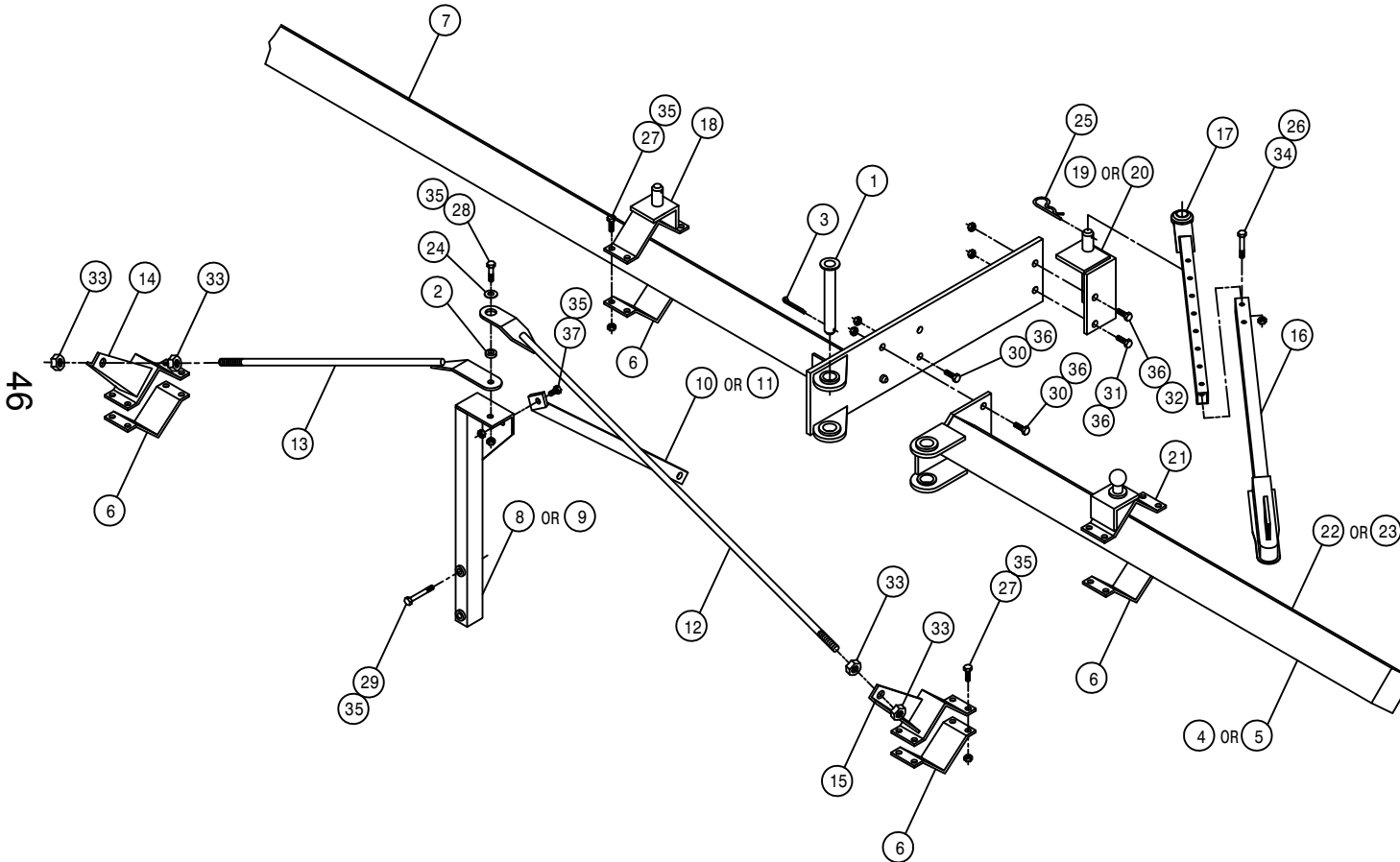
DET.	QTY	PART NO.	DESCRIPTION	
1	4	610533	UNBALANCED LOAD VALVE	89
2	1	610551	R.V. CARTRIDGE FOR 610532	90
3	8	610267	SEAL PLUG ASSY FOR 610257	
4	9	871019	ORING, 13/16 X 15/16 NEO 90D	
5	4	610491	SPRING AM-501-3-035 FOR610485	
6	8	910000	1/4UNC HEX NUT	
7	4	610488	ORIFICE PRESSED IN BLACK	
8	13	871010	ORING 1/4 X 3/8 VITON 90D	
9	4	610129	POPPET,ELECT VALVE,UNBAL LOAD	
10	8	870013	ORING, 7/16 X 9/16 NEO 70D	
11	4	871904	ORING, .351 X .072CS NEO 90D	
12	8	871906	ORING, .468ID X .078CS NEO 90D	
13	4	610130	PLUG, SAE4,ELECT VALVE,UNBAL	
14	4	610489	CHECK VLV POPPET	
15	8	871008	O-RING 3/16 X 5/16 90D	
16	8	610492	SPRING AM-570-3-126 FOR610485	
17	8	610453	VLV CAP	
18	8	610493	COIL FOR 610485	86
19	9	610113	COVER, ELECT VALVE, NON ADJ	
20	8	610534	THRU TUBE ASSY ELEC VLV	89
21	8	610452	ADJ VLV STOP	
22	8	900003	1/4UNC X 1" HEX BOLT	
23	4	610494	ORIFICE FOR 610485	
24	4	871056	O-RING	90D
25	4	610495	POPPET FOR 610485AM-570-3-654	
26	1	610076	COIL, ELECT STACK VALVE	
27	8	610127	SPRING,ELECT VALVE,UNBAL LOAD	
28	8	610108	ORIFICE 040, ELECT VALVE	
29	1	610084	WASHER, ELECT-HYD VALVE	
30	1	610112	ARMATURE, ELECT VALVE	
31	1	610110	SPRING, ELECT VALVE, NON ADJ	
32	8	610126	ARMATURE, ELECT VALVE, UNBAL	
33	8	610133	POLE PIECE,ELECT VALVE, UNBAL	
34	8	610490	POPPET FOR 610485AM-501-3-033	
35	1	610679	UNLOAD RELIEF VALVE	

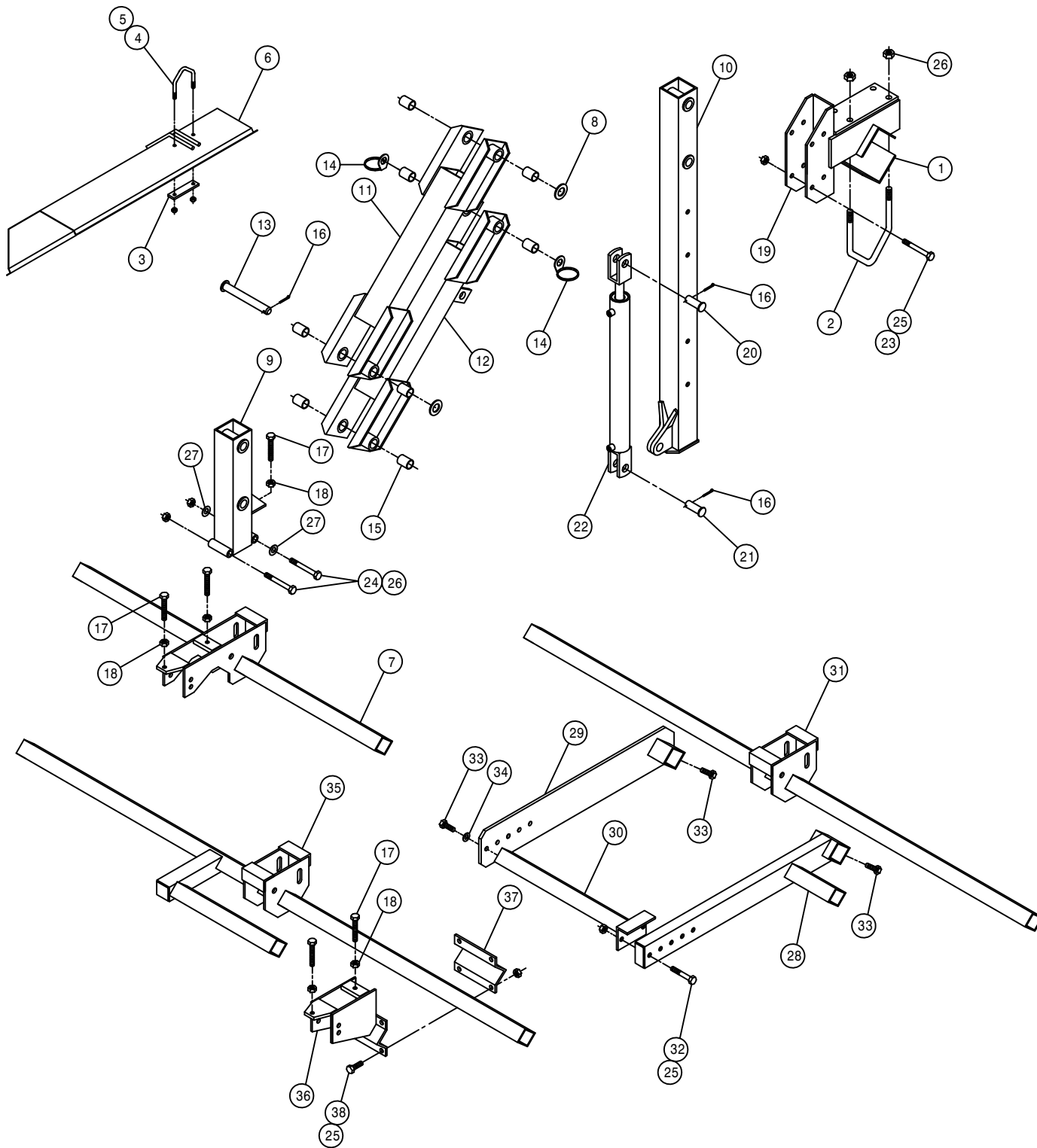
131045

4-6-8 ROW OUTRIGGER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	438283	OUTRGR PIVOT PIN WLD 8200 86
2	1	438320	BUSH 1.00 OD X .531ID X.28LG
3	1	470117	COTTER PIN 3/16 1 3/4 SQ CUT
4	1	438307	RH 75IN OUTRGR WLD8200-850086
5	1	438309	LH 75IN OUTRGR WLD8200-850086
6	4	438324	75IN OUTRGR BRACE CLAMP
7	1	438344	200 TOOL BAR WLD 89
8	1	438349	RH OUTRGR SUPP POST WLD200 89
9	1	438350	LH OUTRGR SUPP POST WLD200 89
10	1	438355	RH OUTRGR SUPP BRACE 200 89
11	1	438356	LH OUTRGR SUPP BRACE 200 89
12	1	438357	OUTRGR SUPP ROD WLD 200 89
13	1	438359	OUTRGR TIE BAR WLD 200 89
14	1	438362	RH OUTRGR CLAMP WLD 200 89
15	1	438363	LH OUTRGR CLAMP WLD 200 89
16	1	438390	OUTER STABILIZER TUBE WLD 90
17	1	438393	INNER STABILIZER TUBE WLD 90
18	1	438397	STABILIZER PIN MT WLD 90
19	1	438400	RH STABILIZER PIN MT WLD 90
20	1	438403	LH STABILIZER PIN MT WLD 90
21	1	438405	STABILIZER BALL MT WLD 90
22	1	438277	RH 32IN OUTRGR WLD8200-850086
23	1	438282	LH 32IN OUTRGR WLD8200-850086
24	1	483041	1/2 REGULAR FLAT WASH PLT
25	1	611016	HAIR PIN #6
26	2	900133	3/8UNC X 2 HEX BOLT
27	16	900265	1/2UNC X 1 1/2 HEX BOLT
28	1	900266	1/2UNC X 1 3/4 HEX BOLT
29	2	900271	1/2UNC X 3 1/4 HEX BOLT
30	3	900334	5/8UNC X 1 3/4 HEX BOLT
31	1	900336	5/8UNC X 2 1/2 HEX BOLT
32	1	900352	5/8UNC X 2 1/4 HEX BOLT
33	4	910010	5/8UNC HEX NUT
34	2	914004	3/8UNC HEX STOVER NUT
35	20	914008	1/2UNC HEX STOVER NUT
36	5	914010	5/8UNC HEX STOVER NUT
37	1	900264	1/2UNC X 1 1/4 HEX BOLT

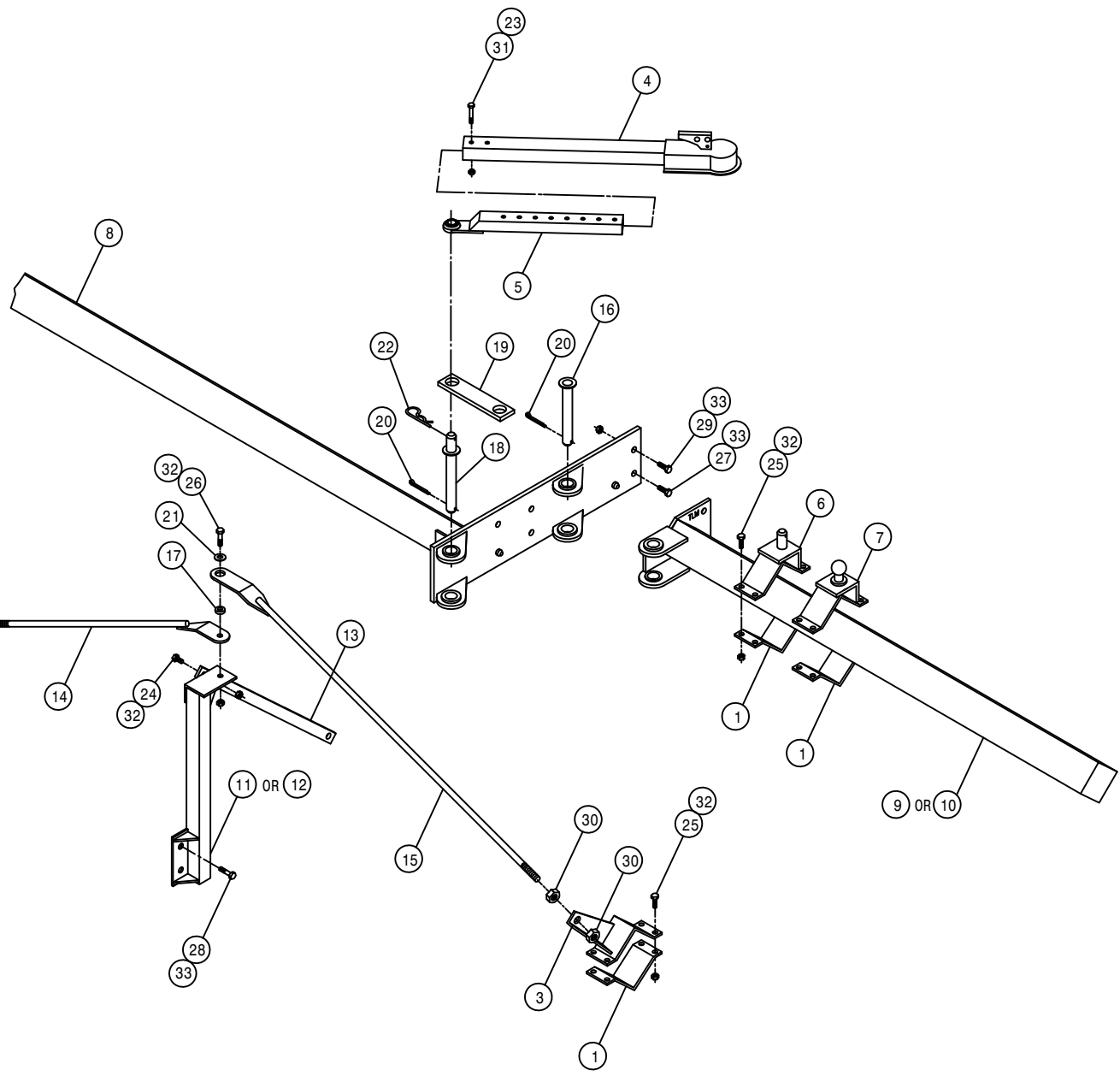




4-6-8 ROW DETASSLER LIFT ASSEMBLY

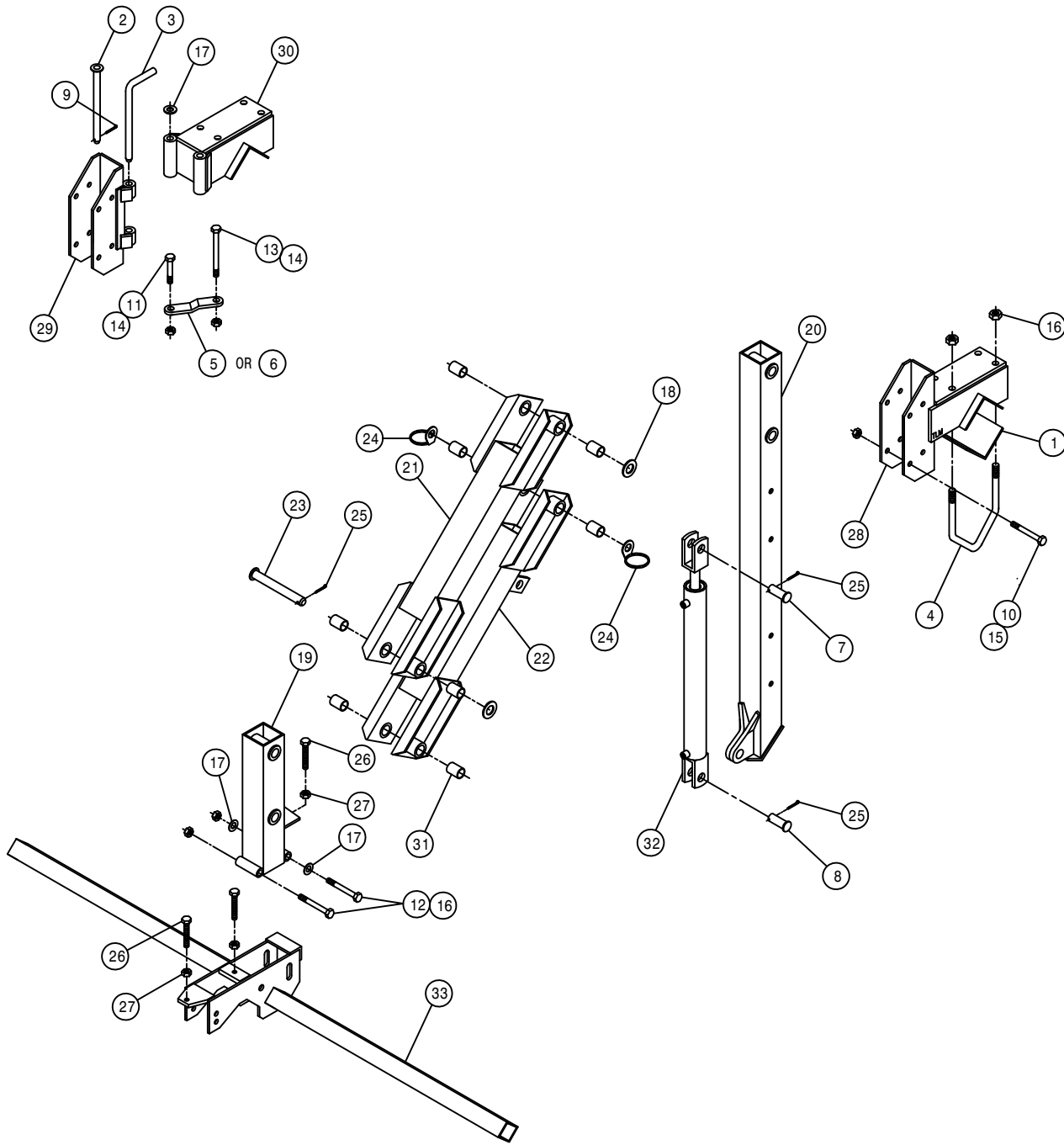
DET.	QTY	PART NO.	DESCRIPTION
1	1	438292	TOOL BAR V-PLT WLD 8200 86
2	2	438293	5/8UNC X 6 1/4 CTR UBOLT TRI
3	1	410051	U BOLT CLAMP CENTER DEFLECTOR
4	1	410052	5/16UNC X 3 CTR UBOLT TRIBEND
5	2	914002	5/16UNC HEX STOVER NUT
6	1	410048	CENTER DEFLECTOR WLD 473
7	1	438194	TOOL BAR WLD DETAS 4-6R 83
8	2	200004	CARRIAGE PIVOT PIN WASHER
9	1	438177	TOOL BAR MT WLD DETAS 83
10	1	438184	HOIST COL WLD DETAS LIFT 83
11	1	438294	UPPER LIFT ARM WLD 8200 86
12	1	438297	LWR LIFT ARM WLD 8200 86
13	4	438300	LIFT ARM PIVOT PIN WLD8200 86
14	2	438302	HOSE SUPPORT RING WLD W/WASHER
15	8	121025	JOURNAL BRG FOR 1IN SHFT1.5LG
16	6	470162	COTTER PIN 3/16 X 1 1/2 SQCUT
17	5	900538	1/2UNC X 3 1/2 HEX BOLT FULL
18	5	910008	1/2UNC HEX NUT
19	1	438367	HOIST COL MT BRKT WLD 200 90
20	1	472012	PICKER PIN 1 X 3 1/4
21	1	472206	PICKER PIN 1 DIA X 2 1/4
22	1	620900	CYL ASSY CC2016 D00 SRG 180
23	4	900275	1/2UNC X 4 1/2 HEX BOLT
24	2	900343	5/8UNC X 4 1/2 HEX BOLT
25	10	914008	1/2UNC HEX STOVER NUT
26	6	914010	5/8UNC HEX STOVER NUT
27	2	920005	5/8 FLAT WASH SAE
28	1	438209	8R PLR OUTER MT ARM WLD 8200
29	1	438214	8R PLR INNER MT ARM WLD 8200
30	1	438216	8R PLR MT WLD 8200 83
31	1	438220	8R TIRE PLR TOOL BAR WLD 83
32	2	900268	1/2UNC X 2 1/2 HEX BOLT
33	3	900263	1/2UNC X 1 HEX BOLT
34	1	920504	LOCK WASH 1/2
35	1	438201	TOOL BAR WLD 8R DETAS 83
36	1	438199	T-TROL MT WLD 8R DETAS 83
37	1	410016	RLR HANGER V 473
38	4	900265	1/2UNC X 1 1/2 HEX BOLT

NOTE: ITEMS 3,4,5, AND 6 ARE USED WITH THE ROLLER PULLER OPTION.



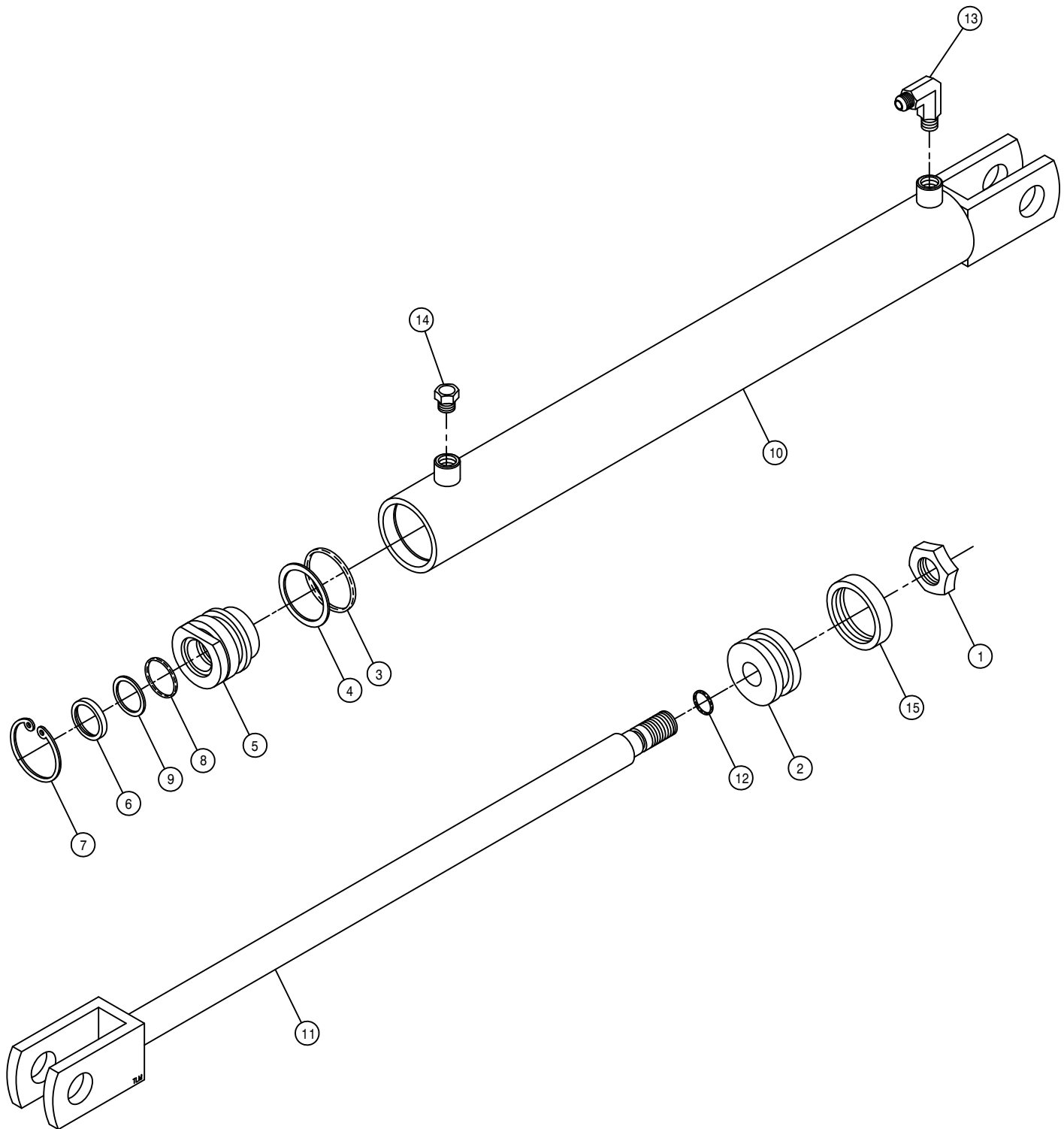
10-12 ROW OUTRIGGER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	4	438324	75IN OUTGR BRACE CLAMP
2	1	438362	RH OUTGR CLAMP WLD 200 89
3	1	438363	LH OUTGR CLAMP WLD 200 89
4	1	438390	OUTER STABILIZER TUBE WLD 90
5	1	438393	INNER STABILIZER TUBE WLD 90
6	1	438397	STABILIZER PIN MT WLD 90
7	1	438405	STABILIZER BALL MT WLD 90
8	1	438457	200 TOOL BAR WLD 10-12R 92
9	1	438458	RH 101IN OUTGR WLD 10-12R 92
10	1	438459	LH 101IN OUTGR WLD 10-12R 92
11	1	438461	RH OUTGR SUPP POST WLD10-12R
12	1	438462	LH OUTGR SUPP POST WLD10-12R
13	1	438468	OUTGR SUPP BRACE 200 10-12R
14	1	438469	OUTGR TIE BAR WLD 200 10-12R
15	1	438471	OUTGR SUPP ROD WLD 10-12R
16	1	438283	OUTGR PIVOT PIN WLD 8200 86
17	1	438320	BUSH 1.00 OD X .531ID X.28LG
18	1	438474	STABILIZER MT PIN WLD 10-12R
19	1	438476	OUTGR TRANSPORT BAR 10-12R
20	2	470117	COTTER PIN 3/16 X 1 3/4
21	1	483041	1/2 REGULAR FLAT WASH PLT
22	2	611016	HAIR PIN #6
23	2	900133	3/8UNC X 2 HEX BOLT
24	1	900264	1/2UNC X 1 1/4 HEX BOLT
25	16	900265	1/2UNC X 1 1/2 HEX BOLT
26	1	900266	1/2UNC X 1 3/4 HEX BOLT
27	1	900334	5/8UNC X 1 3/4 HEX BOLT
28	2	900336	5/8UNC X 2 1/2 HEX BOLT
29	1	900352	5/8UNC X 2 1/4 HEX BOLT
30	4	910010	5/8UNC HEX NUT
31	2	914004	3/8UNC HEX STOVER NUT
32	18	914008	1/2UNC HEX STOVER NUT
33	4	914010	5/8UNC HEX STOVER NUT



10-12 ROW DETASSLER LIFT ASSEMBLY

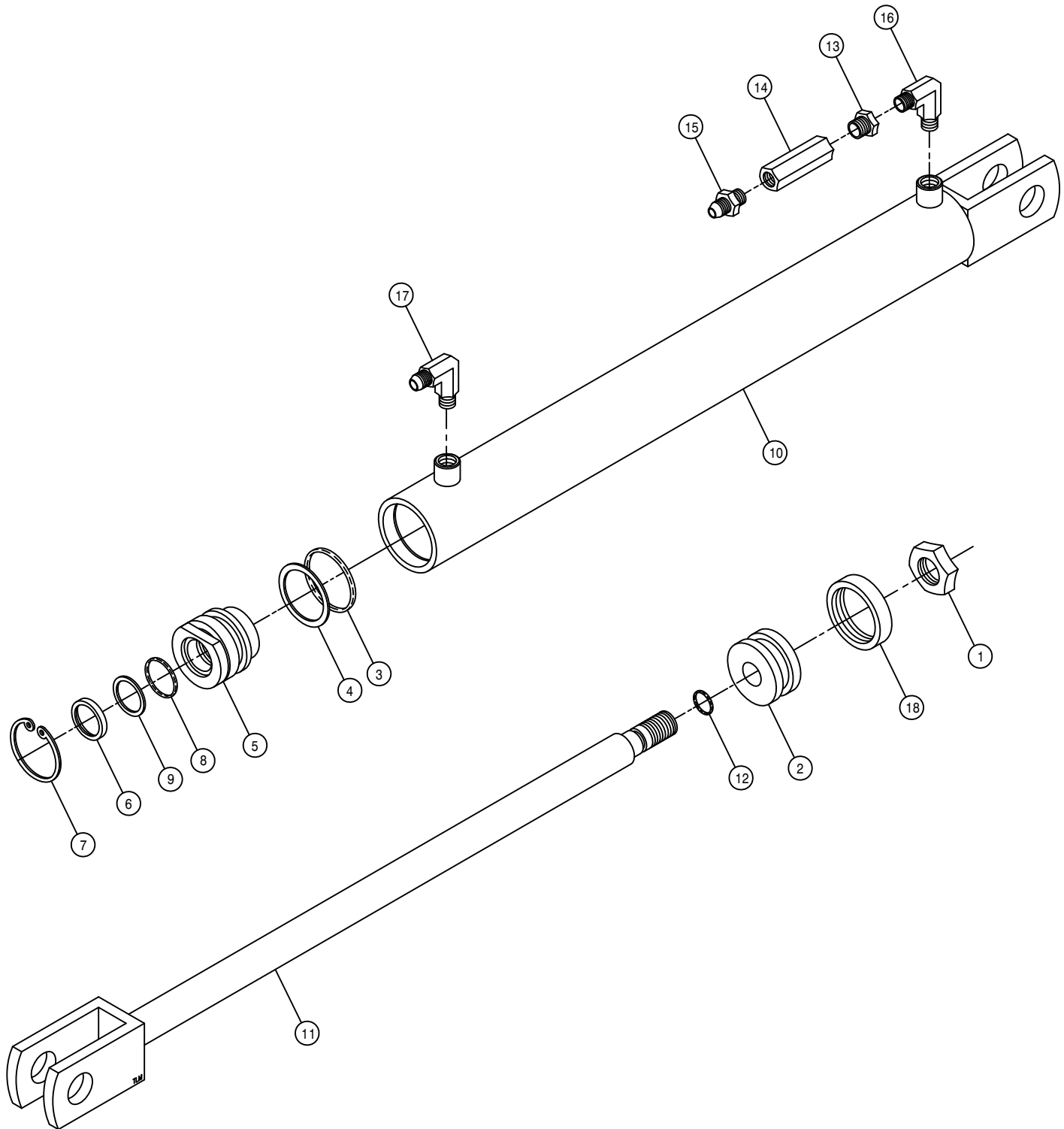
DET.	QTY	PART NO.	DESCRIPTION
			86
1	1	438292	TOOL BAR V-PLT WLD 8200
2	1	438489	HINGED HOIST COL PIV PIN WLD
3	1	438491	HINGED HOIST COL KPR PIN
4	2	438293	5/8UNC X 6 1/4 CTR UBOLT TRI
5	1	438492	SHORT HINGED COL MT LATCH
6	1	438493	LONG HINGED COL MT LATCH
7	1	472012	PICKER PIN 1 X 3 1/4
8	1	472206	PICKER PIN 1 DIA X 2 1/4
9	1	390984	COTTER PIN 1/8 X 1 1/4
10	4	900275	1/2UNC X 4 1/2 HEX BOLT
11	1	900337	5/8UNC X 2 3/4 HEX BOLT
12	2	900343	5/8UNC X 4 1/2 HEX BOLT
13	1	900346	5/8UNC X 6 HEX BOLT
14	2	910010	5/8UNC HEX NUT
15	4	914008	1/2UNC HEX STOVER NUT
16	6	914010	5/8UNC HEX STOVER NUT
17	3	920005	5/8 FLAT WASH SAE
18	2	200004	CARRIAGE PIVOT PIN WASHER
19	1	438177	TOOL BAR MT WLD DETAS 83
20	1	438184	HOIST COL WLD DETAS LIFT 83
21	1	438294	UPPER LIFT ARM WLD 8200
22	1	438297	LWR LIFT ARM WLD 8200
23	4	438300	LIFT ARM PIVOT PIN WLD8200
24	2	438302	HOSE SUPPORT RING WLD W/WASHER
25	6	470162	COTTER PIN 3/16 X 1 1/2 SQCUT
26	2	900538	1/2UNC X 3 1/2 HEX BOLT FULL
27	2	910008	1/2UNC HEX NUT
28	1	438367	HOIST COL MT BRKT WLD 200 90
29	1	438481	HINGED HOIST COL MT WLD, FRT
30	1	438482	HINGED HOIST COL MT WLD, REAR
31	8	121025	JOURNAL BRG FOR 1IN SHFT1.5LG
32	1	620900	CYL ASSY CC2016 D00 SRG 180
33	1	438478	TOOL BAR WLD 10-12R DETASSLR



LIFT CYLINDER ASSEMBLY WITH T-TROL

DET.	QTY	PART NO.	DESCRIPTION
	1	472297	3/4UNF HEX STOVER NUT THIN
	1	620081	PISTON 2 X 1 ZAMAC ORING TYPE
	1	870326	BUNA ORING 1 5/8 X 2
	1	890326	BACKUP WASH 1 5/8 X 2 LEATH
	1	620082	GLAND 2 IN X 1 IN ZAMAC
	1	629003	WIPER 1 X 1 1/4 X 1/8
	1	629505	SNAP RING 2 IN INTRN
	1	870214	BUNA ORING 1 X 1 1/4
	1	890214	BACKUP WASH 1 X 1 1/4 HT2022
	1	620901	TUBE WLD CC2016 D00 SRG 180
	1	620905	SHAFT WLD CC2016 D00 SRG180
	1	870113	BUNA ORING 9/16 X 3/4
	1	611122	9/16MJIC-90-1/4MNPT LBO
	1	470114	BREATHER FILTER VENT, 1/4 NPT
	1	860326	CROWN SEAL, 2" PISTON, HYD

NOTE: 620900 - LIFT CYLINDER INCLUDES ITEMS 1-12.
 620083 - SEAL KIT



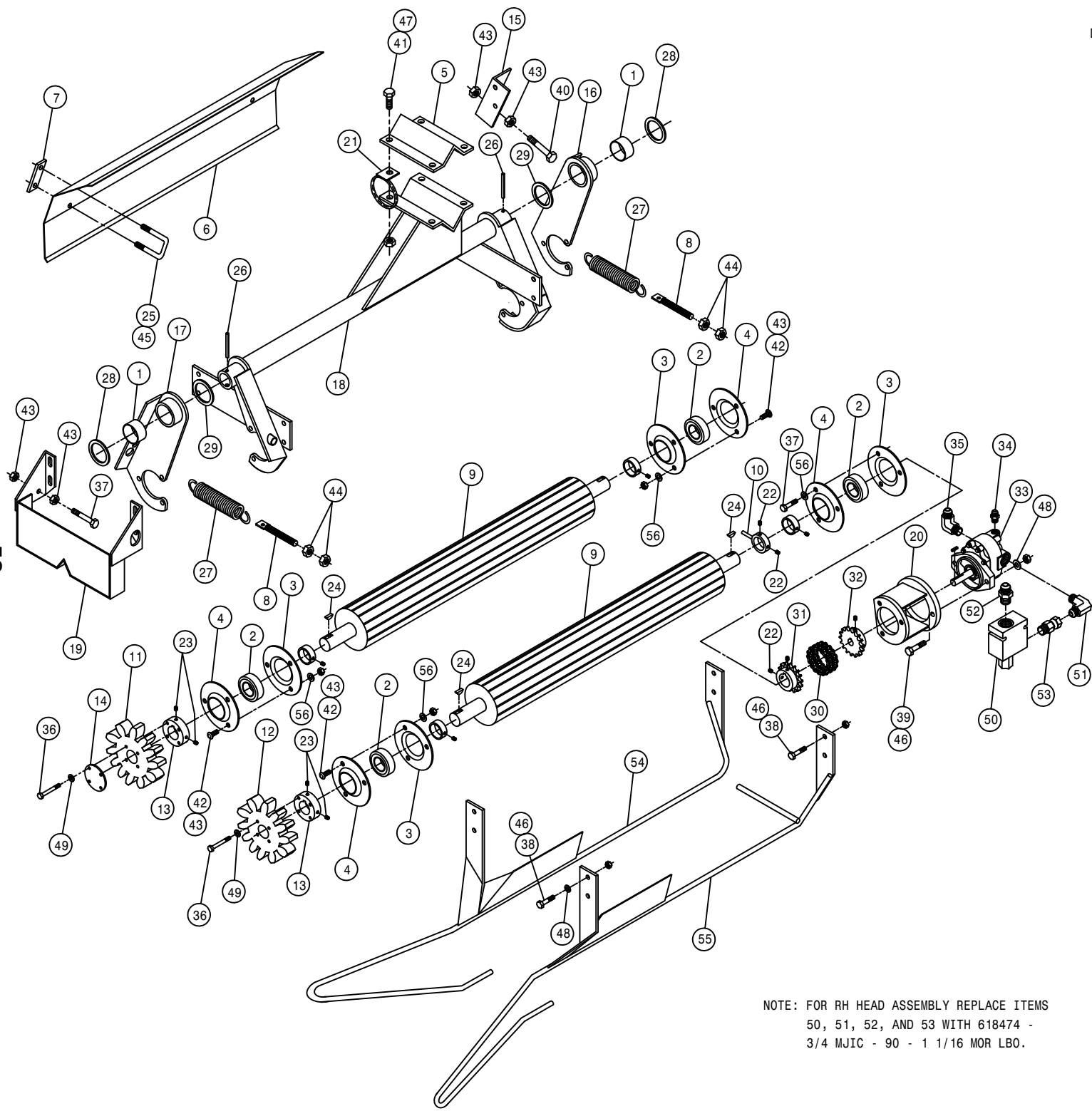
LIFT CYLINDER ASSEMBLY WITHOUT T-TROL

DET.	QTY	PART NO.	DESCRIPTION
	1	472297	3/4UNF HEX STOVER NUT THIN
	2	620081	PISTON 2 X 1 ZAMAC ORING TYPE
	3	870326	BUNA ORING 1 5/8 X 2
	4	890326	BACKUP WASH 1 5/8 X 2 LEATH
	5	620082	GLAND 2 IN X 1 IN ZAMAC
	6	629003	WIPER 1 X 1 1/4 X 1/8
	7	629505	SNAP RING 2 IN INTRN
	8	870214	BUNA ORING 1 X 1 1/4
	9	890214	BACKUP WASH 1 X 1 1/4 HT2022
	10	620901	TUBE WLD CC2016 D00 SRG 180
	11	620905	SHAFT WLD CC2016 D00 SRG180
	12	870113	BUNA ORING 9/16 X 3/4
	13	503000	RED BUSH 1/2 TO 1/4 BLK MAL
	14	610449	RESTRICTOR .062 1 WAY 1/2NPTF
	15	618018	9/16MJIC-1/2MNPT ADPTR
	16	618571	1/4MNPT-90-1/4MNPT LBO
	17	611122	9/16MJIC-90-1/4MNPT LBO
	18	860326	CROWN SEAL, 2" PISTON, HYD

NOTE: 620900 - LIFT CYLINDER INCLUDES ITEMS 1-12.
 620083 - SEAL KIT
 614649 - 1-WAY RESTRICTOR ASSEMBLY INCLUDES 13-16

ROLLER PULLER HEAD ASSEMBLY

DET. QTY PART NO. DESCRIPTION

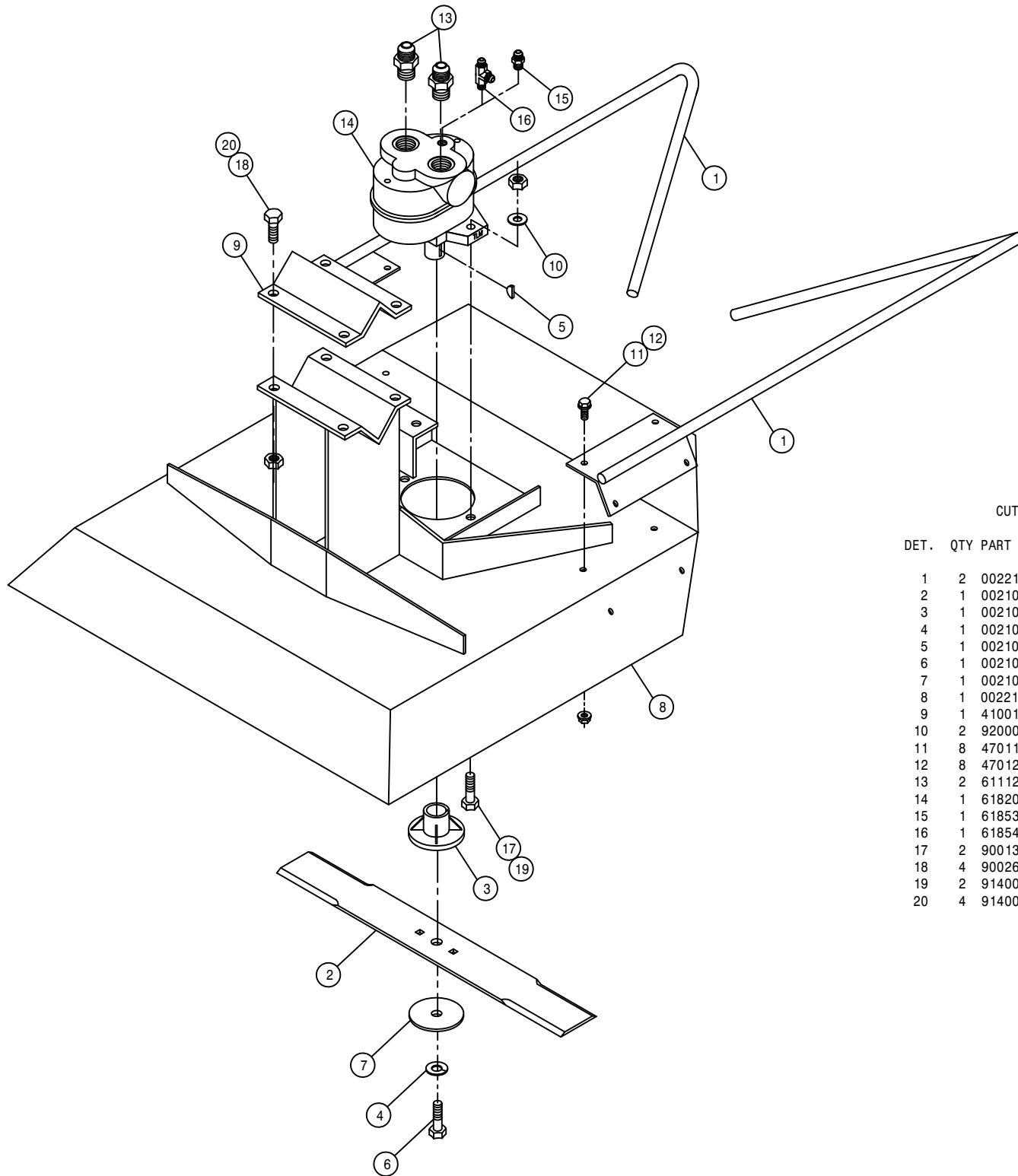


1	2	120913	BUSH HALF 1.8750D X 1LG
2	4	123024	BGR 1 1/4 BORE SPHERICL RELUB
3	4	123026	FLANGETT 1 1/4 RELUBE
4	4	123035	FLANGETT 1 1/4 180 DEG ZERK
5	1	410016	RLR HANGER V 473
6	1	410028	RLR TASSLE DEFLECTOR
7	2	410029	U BOLT CLAMP 473
8	2	410032	SPRING HOOK BOLT WLD 473
9	2	410060	RUBBER ROLLER, GROOVED 78
10	1	410063	TRASH FINGER WLD 473 1978
11	1	410065	GEAR PLASTIC RLR 473 78
12	1	410066	GEAR, ALUM RLR 473 78
13	2	410067	HUB, RLR GEAR 473 1978
14	1	410069	WASHER, PLASTIC GEAR, ROLLER
15	1	410078	STOP RLR REAR
16	1	410084	BRG MT WLD, RLR
17	1	410090	BRG MT WLD FT
18	1	410120	RLR PLR TUBE WLD 83
19	1	410145	RLR SPRKT SHLD WLD
20	1	410166	CES MTR MT WLD 8200 RLR 89
21	1	438303	HOSE KPR RING WLD W/TAB
22	3	470054	SET SCREW 5/16X 1/4 AL HD CUP
23	4	470156	1/4-20 X 3/4 SQHD SET SCR CUP
24	3	472000	91 WOODRUFF KEY
25	2	472264	5/16UNC-1 3/4ID-2 15/16 UBOLT
26	2	473945	ROLL PIN, 1/4DIA X 2 1/2 LONG
27	2	482006	SPRING FOR 473 ROLLER4IN LONG
28	2	483008	MACH WASH 1 13/16ID 2 3/8OD
29	2	483009	MACH WASH 1 13/16ID X 2 3/8OD
30	1	492084	CHAIN FOR 492083 4016
31	1	492091	CHAIN CPLR 1 1/4 BORE .25 KWY
32	1	492092	CHAIN CPLR 5/8 BORE 5/32 KWY
33	1	610510	CESSNA GEAR MOTOR 1.48CI
34	1	611121	9/16MJIC-1/4MNPT ADPTR
35	1	618474	3/4MJIC-90-1 1/16MOR LBO
36	8	900006	1/4UNC X 1 3/4 HEX BOLT
37	4	900129	3/8UNC X 1 HEX BOLT
38	8	900130	3/8UNC X 1 1/4 HEX BOLT
39	2	900131	3/8UNC X 1 1/2 HEX BOLT
40	1	900134	3/8UNC X 2 1/2 HEX BOLT
41	4	900265	1/2UNC X 1 1/2 HEX BOLT
42	9	901129	3/8UNC X 1 CARR BOLT
43	13	910004	NUT,HEX, 3/8UNC GRS PLT
44	4	910008	1/2 UNC HEX NUT
45	4	914002	5/16 UNC STOVER NUT
46	10	914004	3/8 UNC STOVER NUT
47	4	914008	1/2 UNC STOVER NUT
48	6	920002	WASH FLAT 3/8 SAE
49	8	920500	LOCK WASH 1/4
50	1	610528	PRESS COMP FIXED FLO REG 11G
51	1	618248	1 1/16MJIC-90-1 1/16MOR LBO
52	1	618469	3/4MJIC-1 1/16MOR ADPTR
53	1	618578	1 1/16FJIC SWIV-1 1/16MOR
54	1	410153	RH STALK GUIDE WLD 8200 RLR86
55	1	410155	LF STALK GUIDE WLD 8200 RLR86
56	12	920502	3/8 LOCK WASHER

NOTE: FOR RH HEAD ASSEMBLY REPLACE ITEMS
50, 51, 52, AND 53 WITH 618474 -
3/4 MJIC - 90 - 1 1/16 MOR LBO.

52

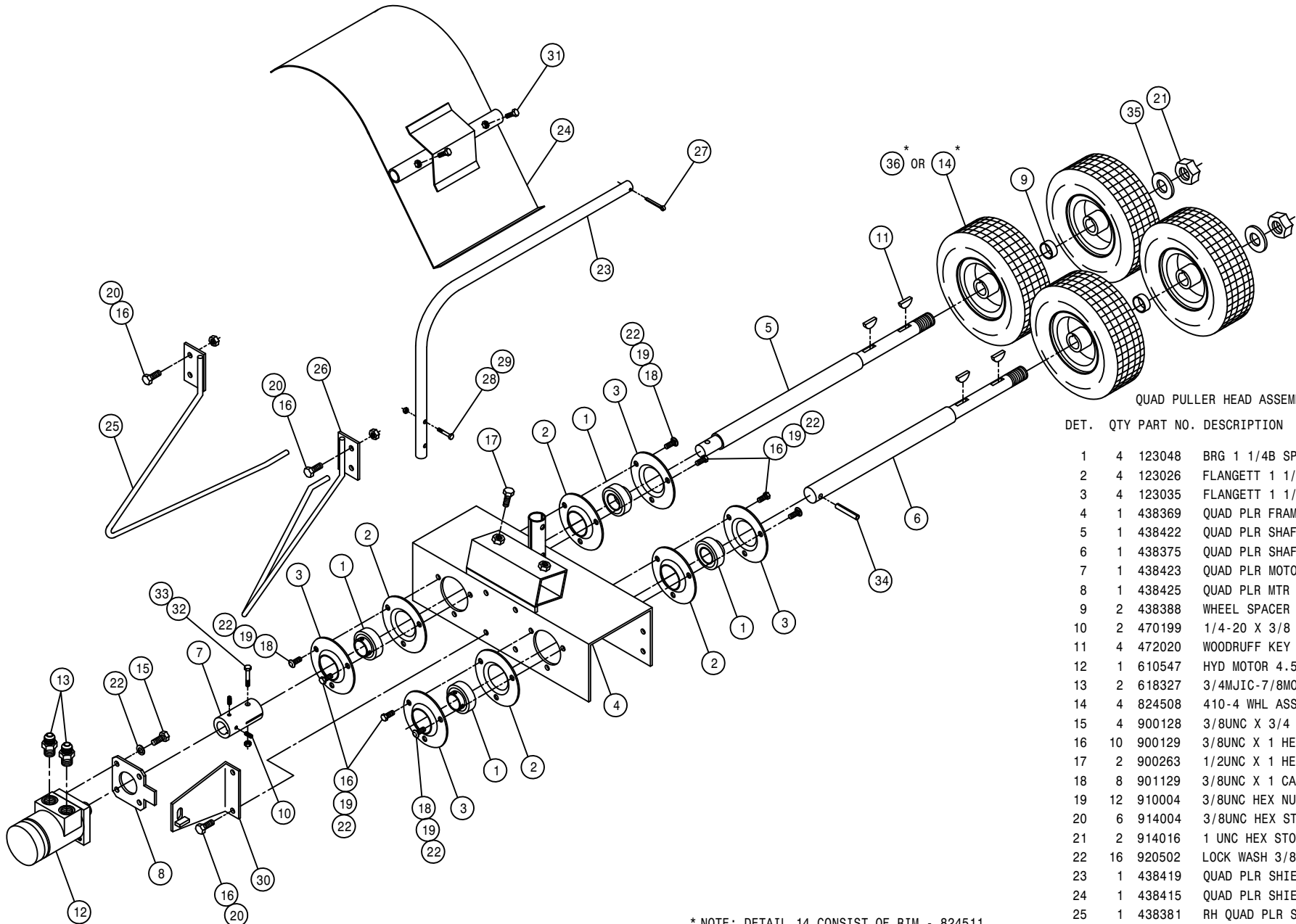
131052



CUTTER HEAD ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	2	002215	CUTR STALK GUIDE WLD 8200	85
2	1	002103	CUTR BLADE 18 IN	
3	1	002104	CLUTCH BODY BLADE	
4	1	002105	STEEL LOCK WASH CUTR BLADE	
5	1	002106	WOODRUFF KEY #6 .156 X .625	
6	1	002107	3/8UNC X 1 1/2 HEX BOLT CUTR	
7	1	002108	STEEL WASHER CUTTER BLADE	
8	1	002210	CUTR TOP WLD 8200	85
9	1	410016	RLR HANGER V 473	
10	2	920002	3/8 SAE FLAT WASHER	
11	8	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
12	8	470121	1/4UNC HEX FLANGE LOCK NUT	
13	2	611125	3/4MJIC-3/4MOR ADPTR	
14	1	618203	SUB>610590:BARNES HYD MOTOR	
15	1	618530	9/16MJIC-1/8MNPT ADPTR	
16	1	618546	1/8MNPT RUN TEE-9/16MJIC	
17	2	900130	3/8UNC X 1 1/4 HEX BOLT	
18	4	900265	1/2UNC X 1 1/2 HEX BOLT	
19	2	914004	3/8UNC HEX STOVER NUT	
20	4	914008	1/2UNC HEX STOVER NUT	



QUAD PULLER HEAD ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	4	123048	BRG 1 1/4B SPHER RELUB SCRLC
2	4	123026	FLANGETT 1 1/4 RELUBE
3	4	123035	FLANGETT 1 1/4 180 DEG ZERK
4	1	438369	QUAD PLR FRAME WLD 200 90
5	1	438422	QUAD PLR SHAFT LONG 200 91
6	1	438375	QUAD PLR SHAFT SHORT 200 90
7	1	438423	QUAD PLR MOTOR COUPLER 200 91
8	1	438425	QUAD PLR MTR MT 200 91
9	2	438388	WHEEL SPACER QUAD PLR 90
10	2	470199	1/4-20 X 3/8 SQHD CUP SET SCR
11	4	472020	WOODRUFF KEY # 18 1/4 X 1 1/8
12	1	610547	HYD MOTOR 4.5CI 1IN SHFT
13	2	618327	3/4MJIC-7/8MOR ADPTR
14	4	824508	410-4 WHL ASSY, 2P STUD
15	4	900128	3/8UNC X 3/4 HEX BOLT
16	10	900129	3/8UNC X 1 HEX BOLT
17	2	900263	1/2UNC X 1 HEX BOLT
18	8	901129	3/8UNC X 1 CARR BOLT
19	12	910004	3/8UNC HEX NUT
20	6	914004	3/8UNC HEX STOVER NUT
21	2	914016	1 UNC HEX STOVER NUT
22	16	920502	LOCK WASH 3/8
23	1	438419	QUAD PLR SHIELD MT TUBE 91
24	1	438415	QUAD PLR SHIELD WLD 200 91
25	1	438381	RH QUAD PLR STALK GUIDE WLD90
26	1	438384	LH QUAD PLR STALK GUIDE WLD90
27	1	390984	COTTER PIN 1/8 X 1 1/4
28	2	900004	1/4UNC X 1 1/4 HEX BOLT
29	2	914000	1/4UNC HEX STOVER NUT
30	1	438424	QUAD PLR MTR MT PLT WLD
31	2	900064	5/16UNC X 3/4 HEX BOLT
32	1	900830	5/16UNC X 2 HEX BOLT GR8
33	1	914002	5/16UNC HEX STOVER NUT
34	1	473805	ROLL PIN 1/4X1 1/2
35	2	483032	MACH WASH 1ID X 1.50D X.134TH
36	4	824515	410-4 WHL ASSY, 2P SAWTOOTH

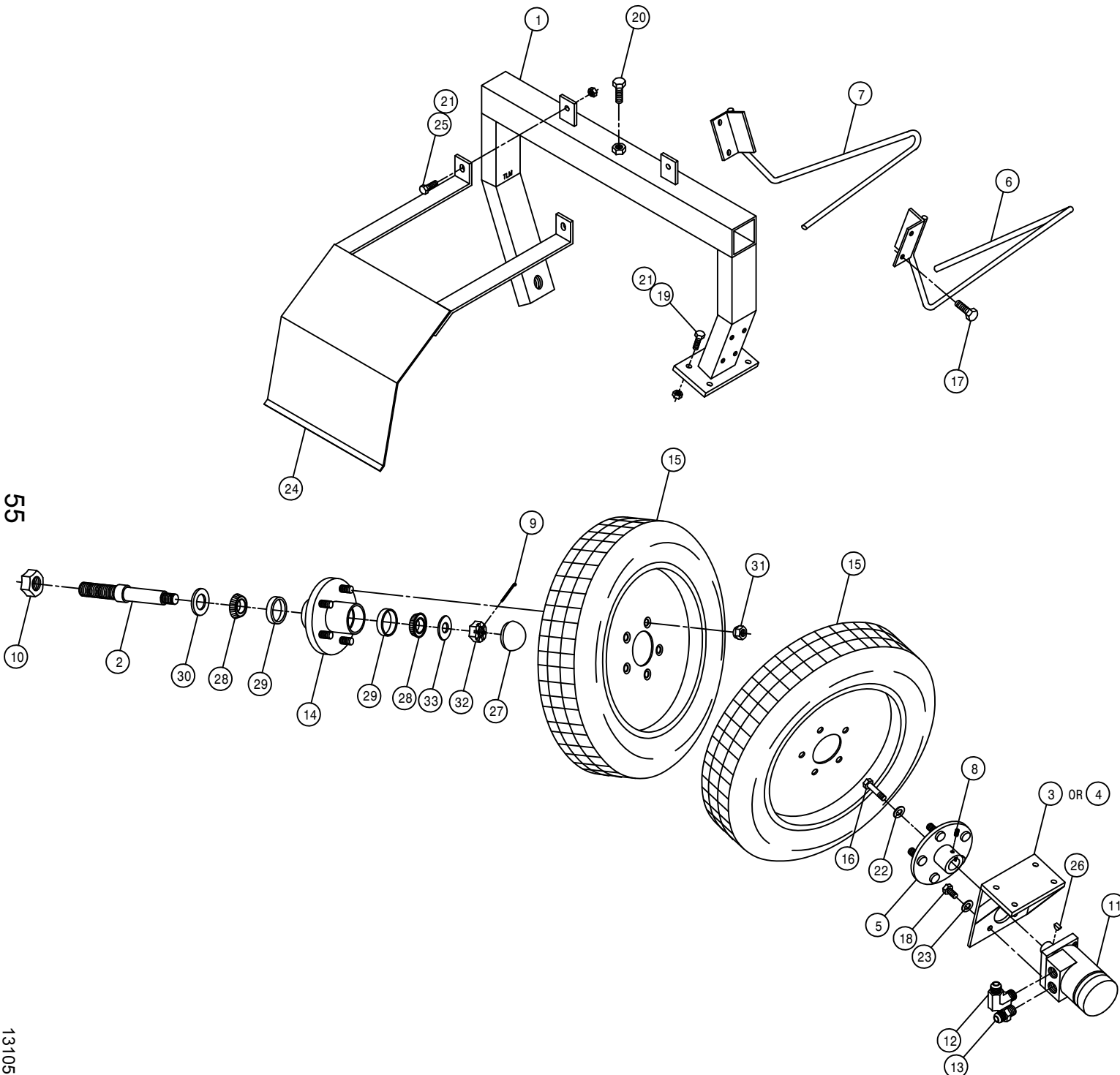
* NOTE: DETAIL 14 CONSIST OF RIM - 824511,
 TUBE - 824510, TIRE - 824509,
 HUB - 824512, STUD - 824513
 WHEEL NUT - 824514

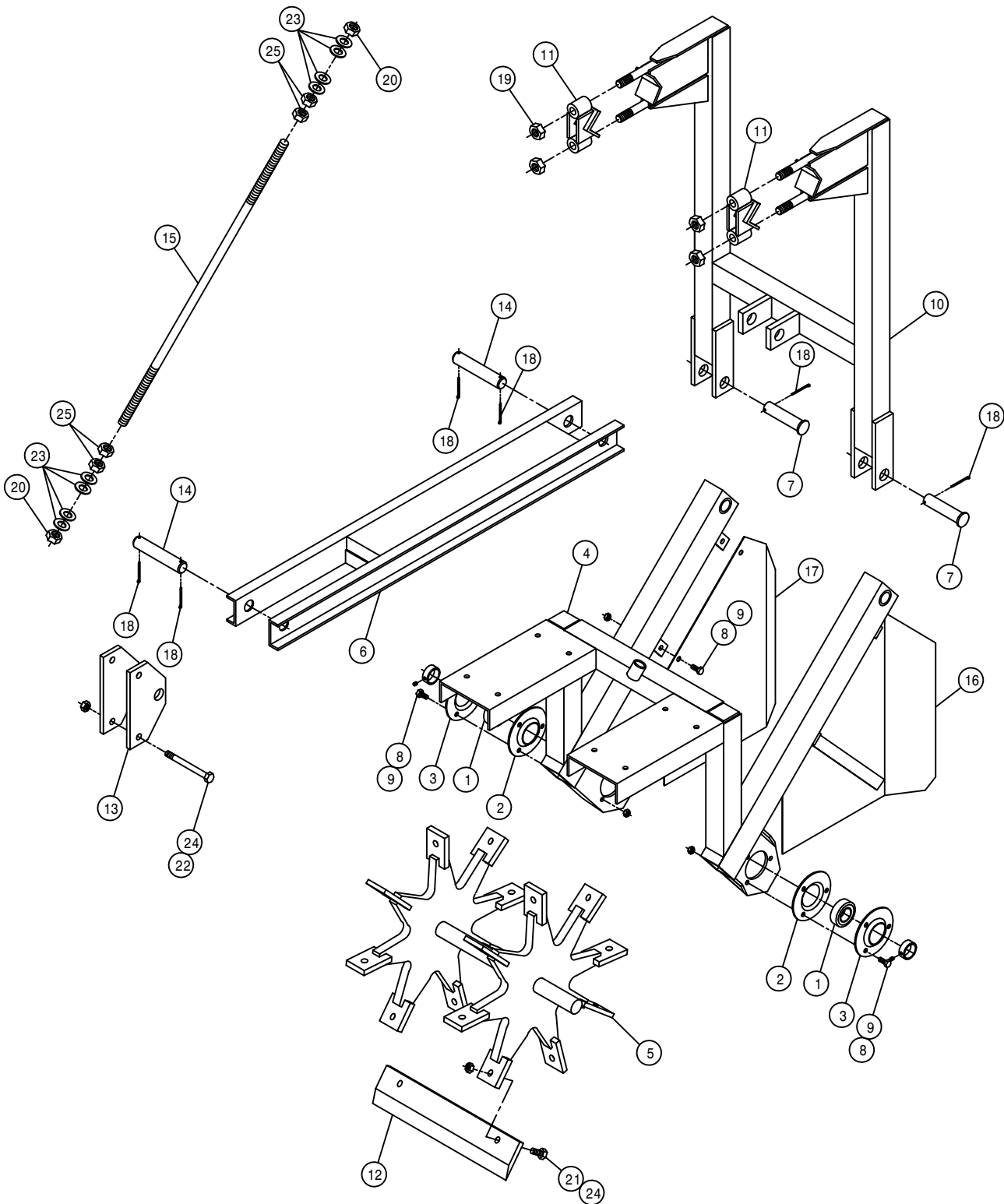
DETAIL 36 CONSIST OF RIM - 824511,
 TUBE - 824510, TIRE - 824516,
 HUB - 824512, STUD - 824513
 WHEEL NUT - 824514

TIRE PULLER HEAD ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	438000	TIRE PLR WLD 1977
2	1	438009	PLR SPINDLE
3	1	438010	HYD MTR HSNG MT WLD R H
4	1	438014	HYD MTR HSNG MT WLD LH
5	1	438015	HYD HUB WLD PLR
6	1	438048	PLR STALK GUIDE WLD
7	1	438050	INSIDE STALK GUIDE WLD
8	2	470053	1/4-20X1/4 AL HD SET SC CUP
9	1	472008	COTTER PIN 5/32X1LG
10	1	473060	1 IN 14 SAE HEX NUT UNPLATED
11	1	604005	ORBIT MOTOR A5E
12	1	611145	3/4MJIC-90-1/2MNPT LBO
13	1	611147	3/4MJIC-1/2MNPT ADPTR
14	1	824501	1 IN TAPER BRG HUB GROUP
15	2	824503	WHL W/480X12-B TIRE
16	1	900006	1/4UNC X 1 3/4 HEX BOLT
17	4	900064	5/16UNC X 3/4 HEX BOLT
18	4	900128	3/8UNC X 3/4 HEX BOLT
19	4	900130	3/8UNC X 1 1/4 HEX BOLT
20	1	900263	1/2UNC X 1 HEX BOLT
21	6	914004	3/8 UNC STOVER NUT
22	1	920500	LOCK WASH 1/4
23	4	920502	LOCK WASH 3/8
24	1	438173	TIRE PLR SHLD WLD
25	2	900129	3/8UNC X 1 HEX BOLT
26	1	472022	NO. 15 WOODRUFF KEY 1/4 X 1
27	1	824507	DUST CAP FOR 824501P01
28	2	824504	BRG FOR 824501P01
29	2	824506	BRG CUP FOR 824501P01
30	1	824505	SEAL FOR 824501P01
31	10	824052	WHEEL STUD NUT 1/2-20X60DEG
32	1	129003	SPINDLE NUT
33	1	920006	3/4 FLAT WASH SAE

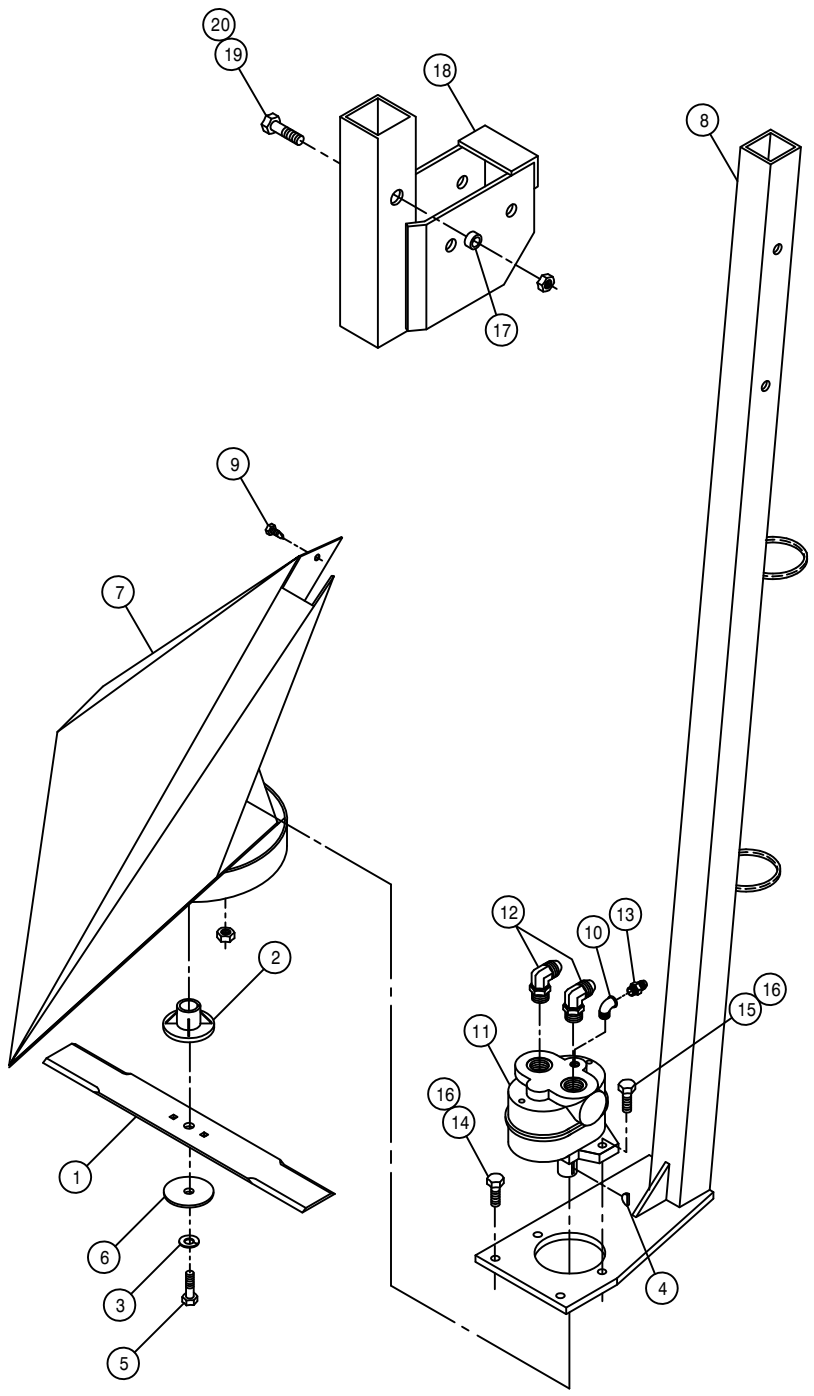




15" MALE ROW CHOPPER ASSEMBLY

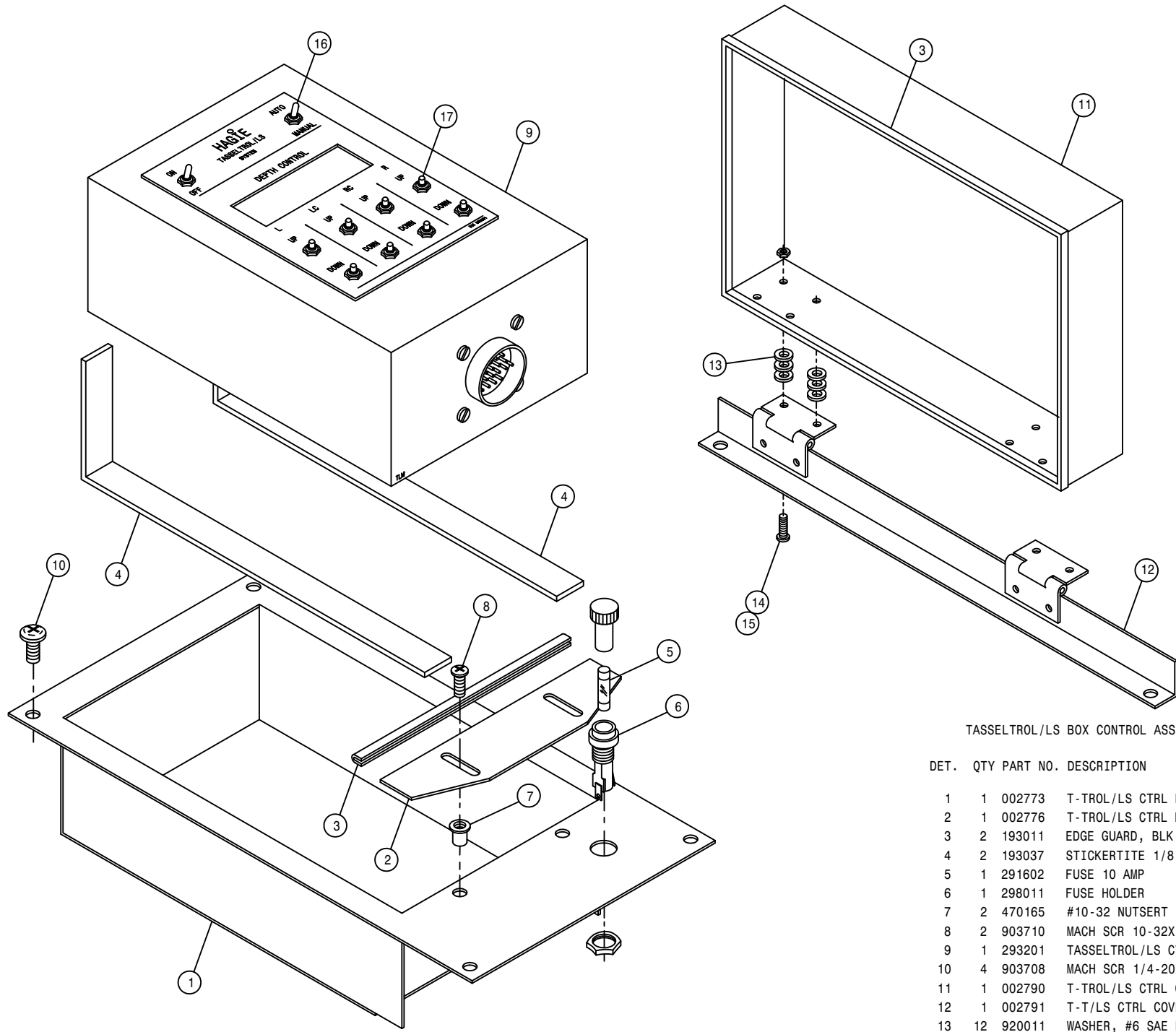
DET. QTY PART NO. DESCRIPTION

1	2	123024	BGR 1 1/4 BORE SPHERICL RELUB
2	2	123026	FLANGETT 1 1/4
3	2	123035	FLANGETT 1 1/4 180 DEG ZERK
4	1	270814	LWR FRAME WLD MALE ROW CHOP
5	1	270860	BLADE MT WHL WLD, CHOPPER 92
6	1	270852	LWR LIFT ARM WLD MALE CHOP 91
7	2	472012	PICKER PIN 1 X 3 1/4
8	10	900129	3/8UNC X 1 HEX BOLT
9	10	914004	3/8UNC HEX STOVER NUT
10	1	270855	UPR FRAME WLD MALE ROW CHOP91
11	2	270833	TOOL BAR CLAMP WLD MALE CHOP
12	8	270838	CHOPPER BLADE 8131 STEEL TREA
13	2	270842	LWR LIFT ARM MTG PLT
14	2	270843	LIFT ARM PIN MALE ROW CHOPPER
15	1	270844	ADJ ROD MALE ROW CHOPPER
16	1	270845	RH SHLD WLD MALE ROW CHOPPER
17	1	270846	LH SHLD WLD MALE ROW CHOPPER
18	6	470162	COTTER PIN 3/16 X 1 1/2 SQCUT
19	4	914010	5/8UNC HEX STOVER NUT
20	2	914012	3/4UNC HEX STOVER NUT
21	16	900265	1/2UNC X 1 1/2 HEX BOLT
22	2	900275	1/2UNC X 4 1/2 HEX BOLT
23	8	920006	3/4 FLAT WASH SAE
24	18	914008	1/2UNC HEX STOVER NUT
25	4	910012	3/4UNC HEX NUT



MALE CORN CUTTER ASSEMBLY

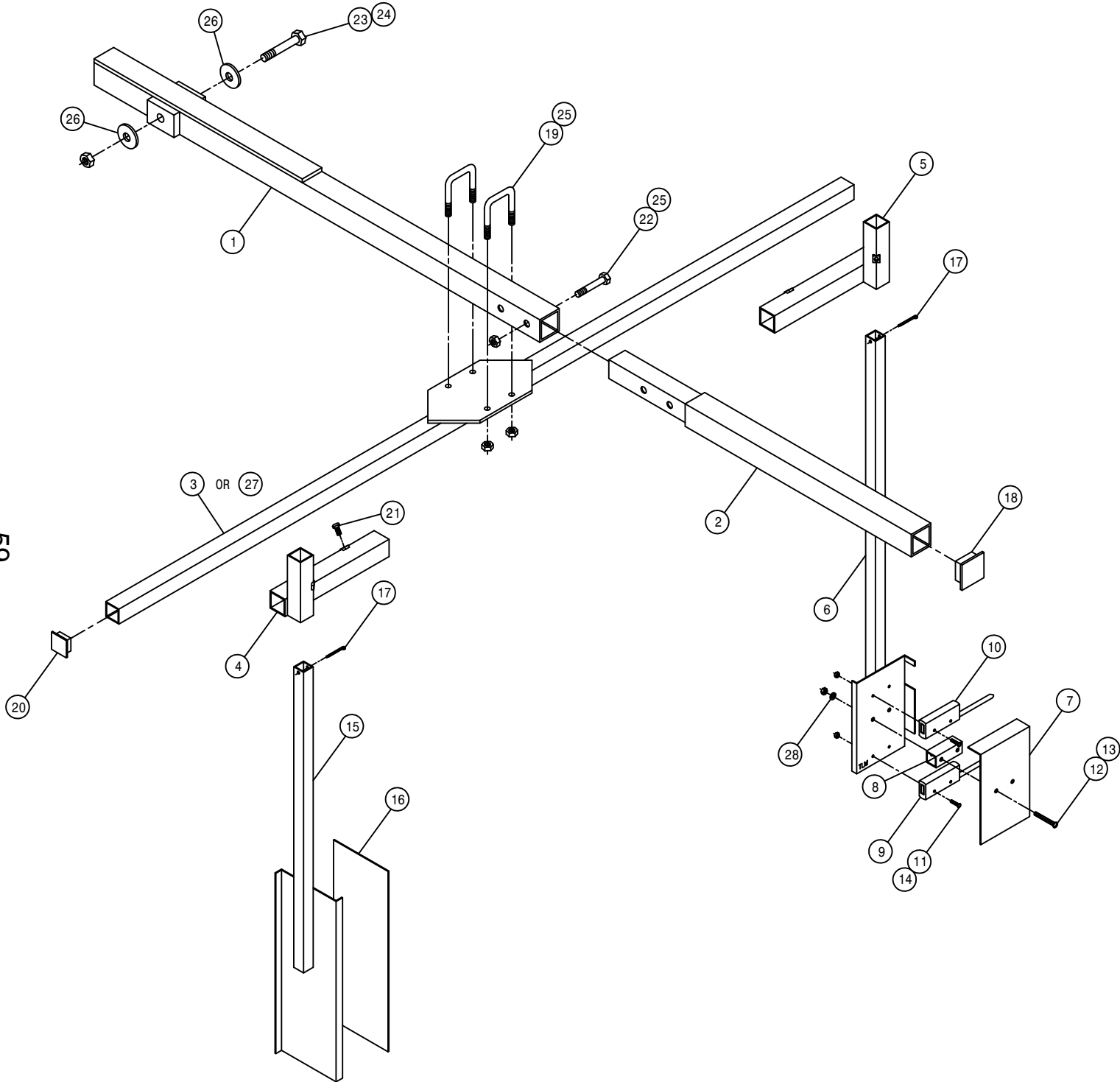
DET.	QTY	PART NO.	DESCRIPTION
1	1	002103	CUTR BLADE 18 IN
2	1	002104	CLUTCH BODY BLADE
3	1	002105	STEEL LOCK WASH CUTR BLADE
4	1	002106	WOODRUFF KEY #6 .156 X .625
5	1	002107	3/8UNF X 1 1/2 HEX BOLT CUTR
6	1	002108	STEEL WASHER CUTTER BLADE
7	1	270800	MALE CORN CUTR WLD
8	1	270805	MALE CORN CUTR DROP TUBE WLD
9	1	472349	1/4 X 3/4 20THD-IN TEK TYPE
10	1	500900	BLK PIPE ST EL 90DEG .125NPT
11	1	618203	BARNES FLUID MOTOR HYD CUTTER
12	2	618241	3/4MJIC-90-3/4MOR LBO
13	1	618530	9/16MJIC-1/8MNPT ADPTR
14	2	900129	3/8UNC X 1 HEX BOLT
15	2	900132	3/8UNC X 1 3/4 HEX BOLT
16	4	914004	3/8 UNC STOVER NUT
17	1	200015	ADJ TUBE SPACER3/4ODX11GAX3/8
18	1	270809	MALE CUTR ADPTR BRKT WLD 83
19	1	900273	1/2UNC X 3 3/4 HEX BOLT
20	1	914008	1/2 UNC STOVER NUT



TASSELTROL/LS BOX CONTROL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	002773	T-TROL/LS CTRL BOX MT WLD 200
	1	002776	T-TROL/LS CTRL BOX KPR 200
	2	193011	EDGE GUARD, BLK
	2	193037	STICKERTITE 1/8 X 3/4
	1	291602	FUSE 10 AMP
	1	298011	FUSE HOLDER
	2	470165	#10-32 NUTSERT .020-.100 MATL
	2	903710	MACH SCR 10-32X1/2 PHIL PANHD
	1	293201	TASSELTROL/LS CTRL BOX ASSY
	4	903708	MACH SCR 1/4-20X1/2 PHIL PNHD
	1	002790	T-TROL/LS CTRL COVER
	1	002791	T-T/LS CTRL COVER HINGE WLD
	12	920011	WASHER, #6 SAE FLAT PLATED
	4	473932	SCREW, SELF TAP 6/32 X 3/8PAN
	4	910022	#6-32 HEX NUT
	2	293256	SWITCH BOOT, TOGGLE, 1/4-40
	8	293255	SWITCH BOOT,PUSHBUTTON,1/4-40

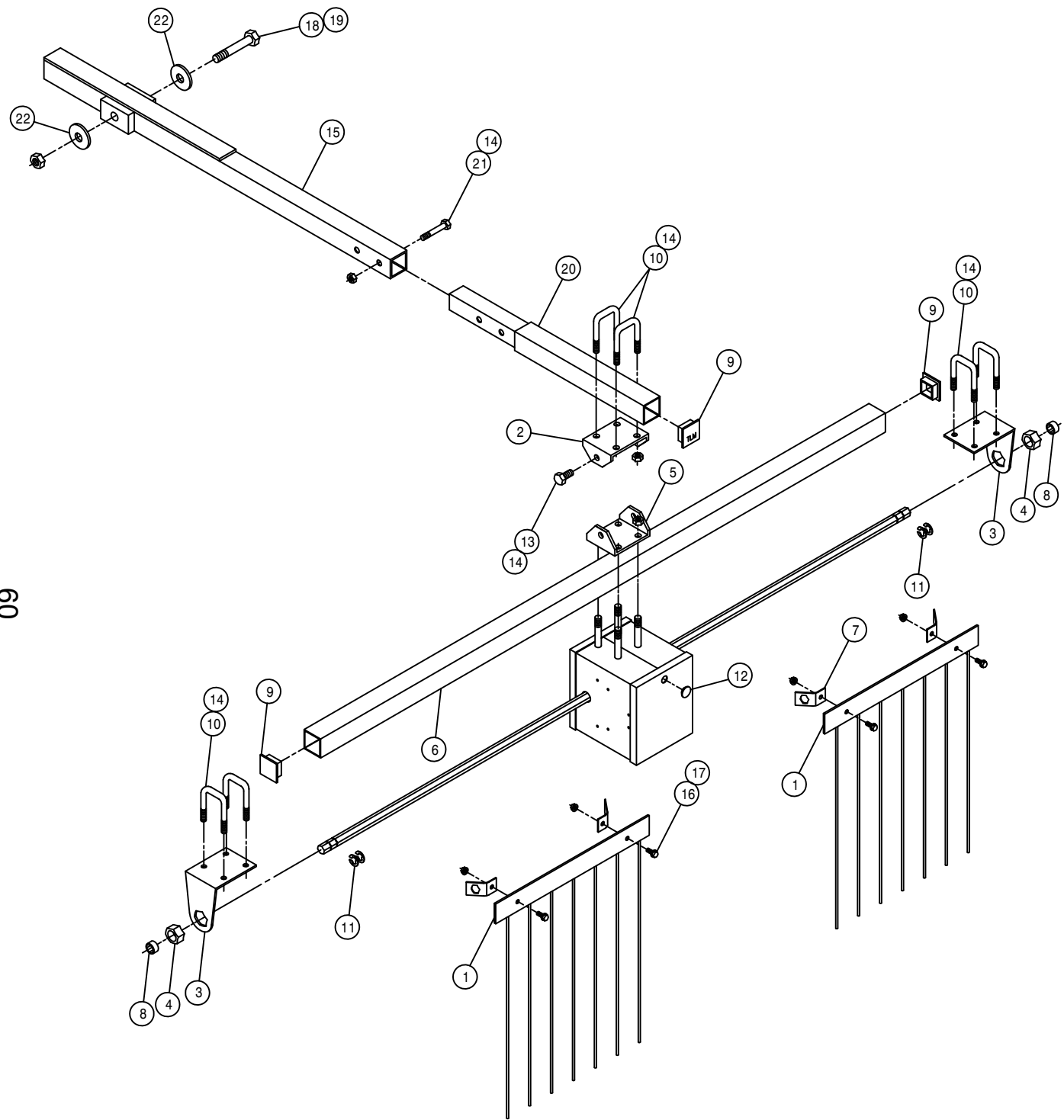
59



TASSELROL SENSOR ASSEMBLY

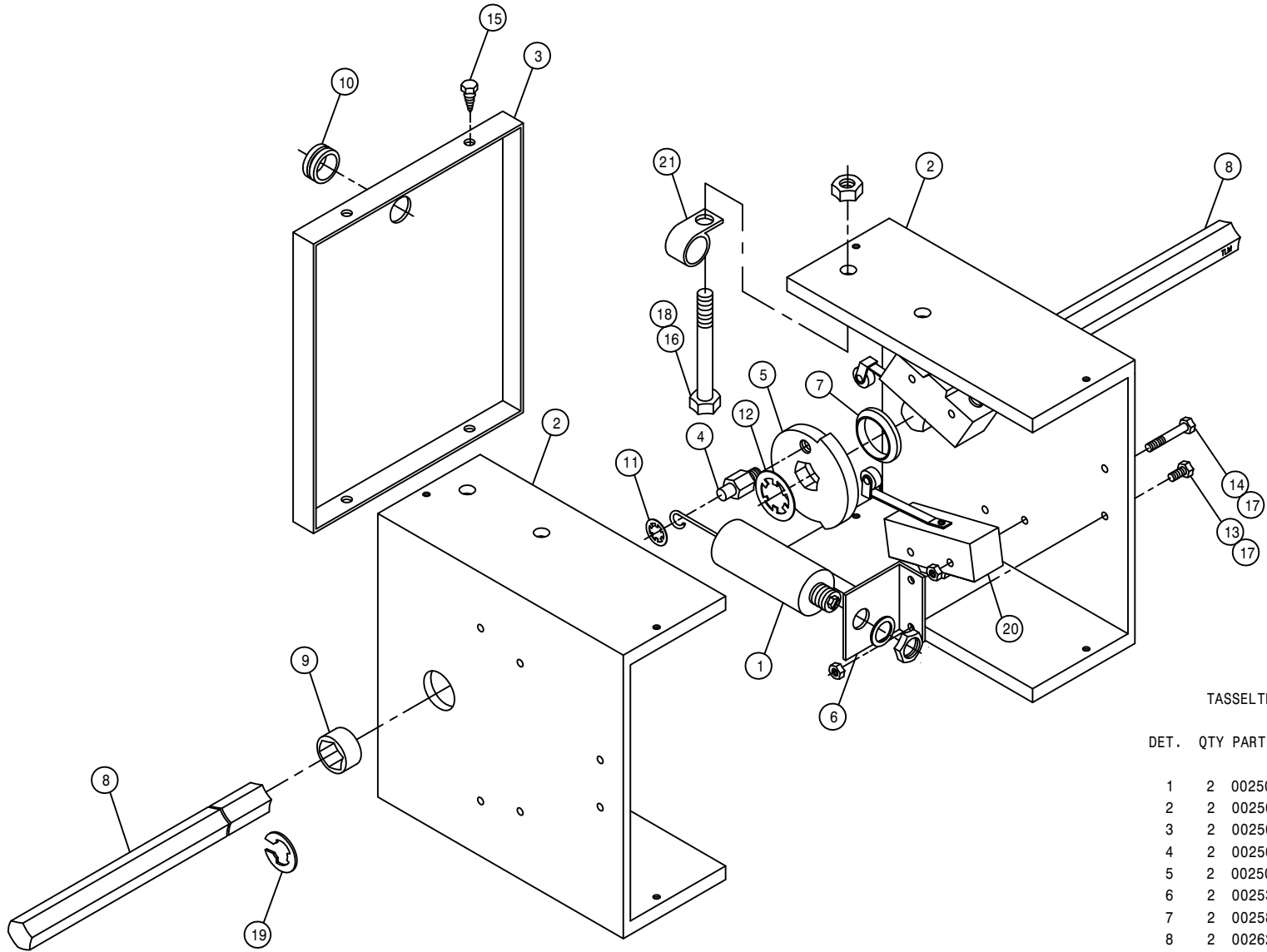
DET.	QTY	PART NO.	DESCRIPTION	
1	1	002813	SENSOR ARM WELD 200 DET	92
2	1	002684	SENSOR ARM EXTEN WLD 200	90
3	1	002709	LS CROSSTUBE WLD	90
4	1	002712	LS REFLECTOR SLIDE MT WLD	90
5	1	002713	LS SENSOR SLIDE MT WLD	90
6	1	002717	LS SENSOR MT WLD	90
7	1	002720	LS SENSOR COVER PLT	90
8	1	002721	LS SENSOR SPACER	90
9	1	293152	LWR LS SENSOR ASSY, FEMALE	90
10	1	293154	UPR LS SENSOR ASSY, MALE	90
11	4	903814	6-32 X 3/4 SLT RD HD MACH SCR	
12	2	903996	10-32 X 1 1/4 RD HD MACH SCR	
13	2	910027	#10-32 HEX NUT	
14	4	914029	#6-32 HEX STOVER NUT	
15	1	002723	LS REFLECTOR MT WLD	90
16	1	650310	LS REFLECTOR 4 X 12	90
17	2	390984	COTTER PIN 1/8 X 1 1/4	
18	1	473943	FINISH PLUG 1 1/2 SQ	
19	2	473949	5/16UNC-1 9/16ID-1 15/16UBOLT	
20	2	629727	FINISH PLUG FOR 1 IN X 16 GA	
21	4	900000	1/4UNC X 1/2 HEX BOLT	
22	2	900069	5/16UNC X 2 HEX BOLT	
23	1	900275	1/2UNC X 4 1/2 HEX BOLT	
24	1	914008	1/2UNC HEX STOVER NUT	
25	6	914002	5/16UNC HEX STOVER NUT	
26	2	002815	SENSOR ARM WASH, NYL	
27	1	002834	LS CROSSTUBE WLD 10-12R	92
28	2	920510	LOCK WASH NO 10	

NOTE: DETAIL 2, 22, AND 25 ARE USED WITH THE ROLLER PULLER OPTION.



TASSELTR0L SENSOR ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	002515	SENSOR FLAG WLD T-TROL
2	1	002579	PIVOT BRKT T-TROL ROW UNIT
3	2	002587	T-TROL HEX BRG HANGER
4	2	002588	T-TROL HANGER BRG
5	1	002595	T-TROL PIVOT BRKT SMALL 1979
6	1	002628	T-TROL SENSOR CROSS TUBE 83
7	4	002663	SENSOR FLAG CLIP T-TROL 86
8	2	121011	BEARING, SHAFT, HEX TASSLETRL
9	3	473943	FINISH PLUG 1 1/2 SQ
10	6	473949	5/16UNC-1 9/16ID-1 15/16BOLT
11	4	629525	RING, RETAINING, .50DIA SHAFT
12	1	658174	BUMPER PLUG FOR 1/2 HOLE
13	2	900065	5/16UNC X 1 HEX BOLT
14	16	914002	5/16UNC HEX STOVER NUT
15	1	002813	SENSOR ARM WLD 200 DET 92
16	4	470121	1/4UNC HEX FLANGED LOCK NUT
17	4	470122	1/4UNC X 1/2 FLANGED HEX BOLT
18	1	900275	1/2UNC X 4 1/2 HEX BOLT
19	1	914008	1/2UNC HEX STOVER NUT
20	1	002684	SENSOR ARM EXTEN WLD 200 90
21	2	900069	5/16UNC X 2 HEX BOLT
22	2	002815	SENSOR ARM WASH, NYL



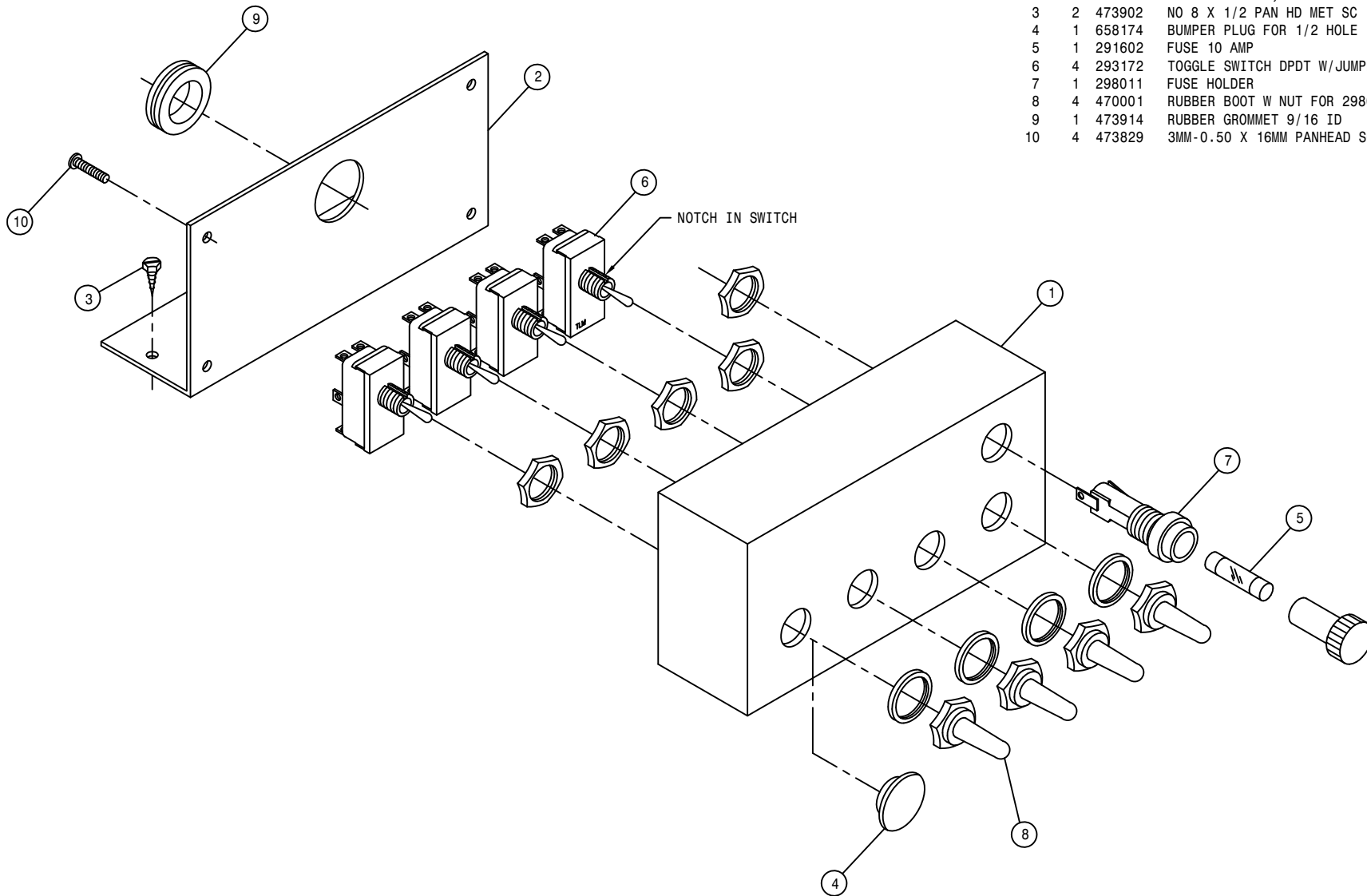
TASSELROL CONTROL BOX ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	2	002500 AIR POT T-TROL
	2	2	002503 BOX HALF T-TROL ROW UNIT
	3	2	002505 BOX END T-TROL ROW UNIT
	4	2	002507 STANDOFF, AIR POT TO CAM
	5	2	002509 T-TROL CAM
	6	2	002536 AIR POT MTG BRKT T-TROL
	7	2	002589 T-TROL CAM TO BOX SPACER
	8	2	002627 T-TROL SENSOR FLAG SHFT 83
	9	2	121011 BEARING, SHAFT, HEX TASSELROL
	10	1	470070 RUBBER GROMMET 3/8 ID
	11	2	473933 FASTENER, PUSH ON 7/32DIA
	12	2	473940 PUSHON FASTENER, REINFORCED
	13	4	473992 SCREW, H H MACH, 6/32X 3/8
	14	8	473993 SCREW HH MACH, 6-32 X 1 1/8
	15	8	473994 SCREW, HH SHT MTL 6/32X 3/8AB
	16	4	900008 1/4UNC X 2 1/2 HEX BOLT
	17	12	910022 6-32 HEX NUT PLATED
	18	4	914000 1/4 UNC STOVER NUT
	19	2	629525 RING, RETAINING, .50DIA SHAFT
	20	4	293006 MICRO SWITCH #BZ-2RL25551-A2
	21	1	520122 CUSH HOSE CLAMP 3/16D X 3/4W

DEPTH COMMAND SWITCH ASSEMBLY

DET. QTY PART NO. DESCRIPTION

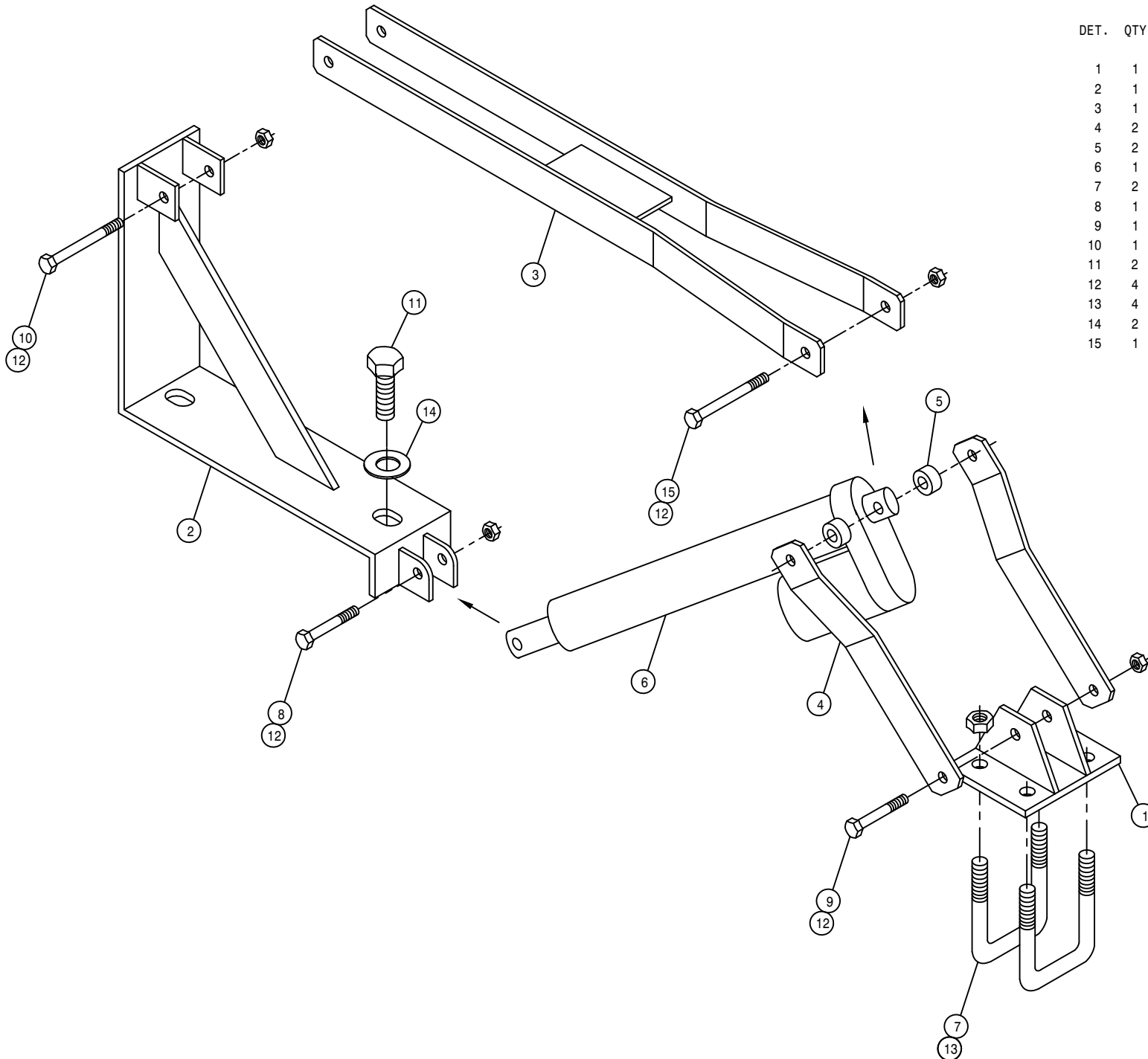
1	1	002744	SWITCH BOX, DEPTH CMD
2	1	002745	SWITCH BOX MT, DEPTH CMD
3	2	473902	NO 8 X 1/2 PAN HD MET SC 640
4	1	658174	BUMPER PLUG FOR 1/2 HOLE
5	1	291602	FUSE 10 AMP
6	4	293172	TOGGLE SWITCH DPDT W/JUMPERS
7	1	298011	FUSE HOLDER
8	4	470001	RUBBER BOOT W NUT FOR 298012
9	1	473914	RUBBER GROMMET 9/16 ID
10	4	473829	3MM-0.50 X 16MM PANHEAD SCREW

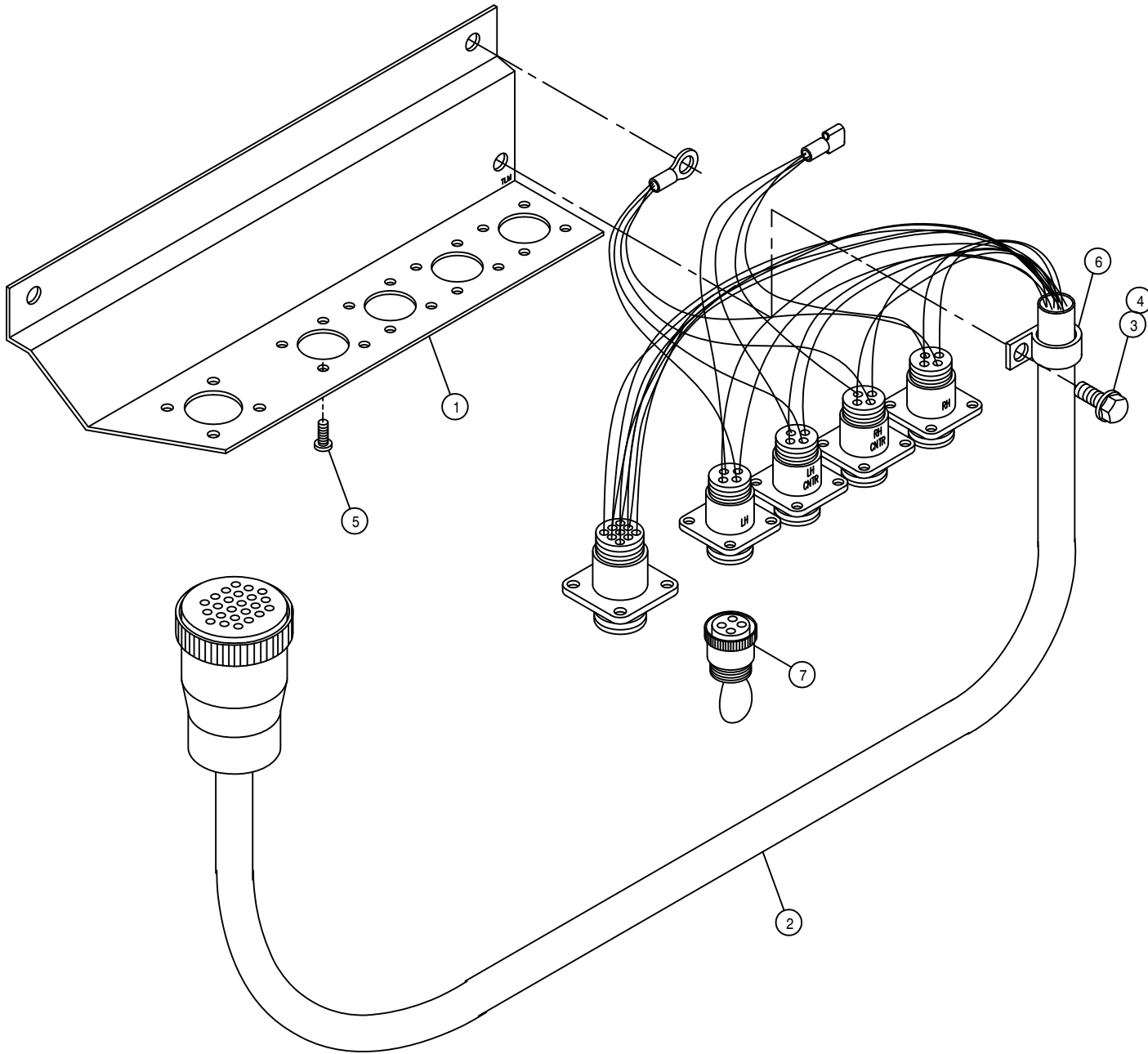


DEPTH COMMAND ACTUATOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	002729	ACTUATOR EXT TUBE MT WLD	90
2	1	002801	DEPTH CMD MTG BRKT WLD	91
3	1	002806	DEPTH CMD UPR ARM WLD	91
4	2	002809	DEPTH CMD LWR ARM	91
5	2	002810	DEPTH CMD ARM BUSH	91
6	1	293156	LINEAR ACTUATOR 12V 3.8STROKE	
7	2	473949	5/16UNC-1 9/16ID-1 15/16UBOLT	
8	1	900005	1/4UNC X 1 1/2 HEX BOLT	
9	1	900006	1/4UNC X 1 3/4 HEX BOLT	
10	1	900023	1/4UNC X 2 1/4 HEX BOLT	
11	2	900263	1/2UNC X 1 HEX BOLT	
12	4	914000	1/4UNC HEX STOVER NUT	
13	4	914002	5/16UNC HEX STOVER NUT	
14	2	920004	1/2 FLAT WASHER SAE	
15	1	900009	1/4UNC X 2 3/4 HEX BOLT	



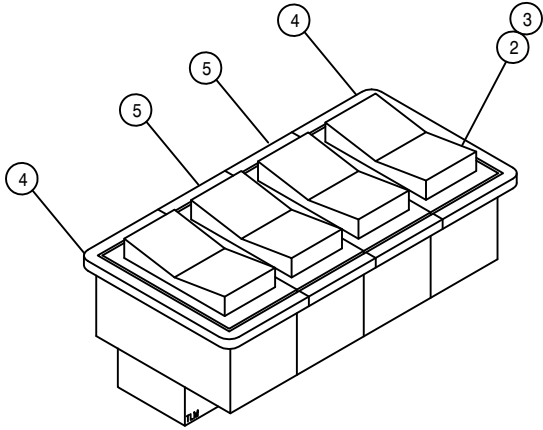


T-TROL/LS RECEPTACLE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	002777	T-TROL/LS RECEPTACLE MT
2	1	293200	MAIN CONTROL WIRE ASSY LS 90
3	1	470118	1/4UNC X 3/4 HEX BOLT FLG LOC
4	1	470121	1/4-20 FLANGED WHIZ NUT
5	20	473932	SCREW, SELF TAP 6/32 X 3/8PAN
6	1	520118	CUSHION HOSE CLAMP 1/2 IN
7	1	293211	JUMPER PLUG T-TROL/LS SYS

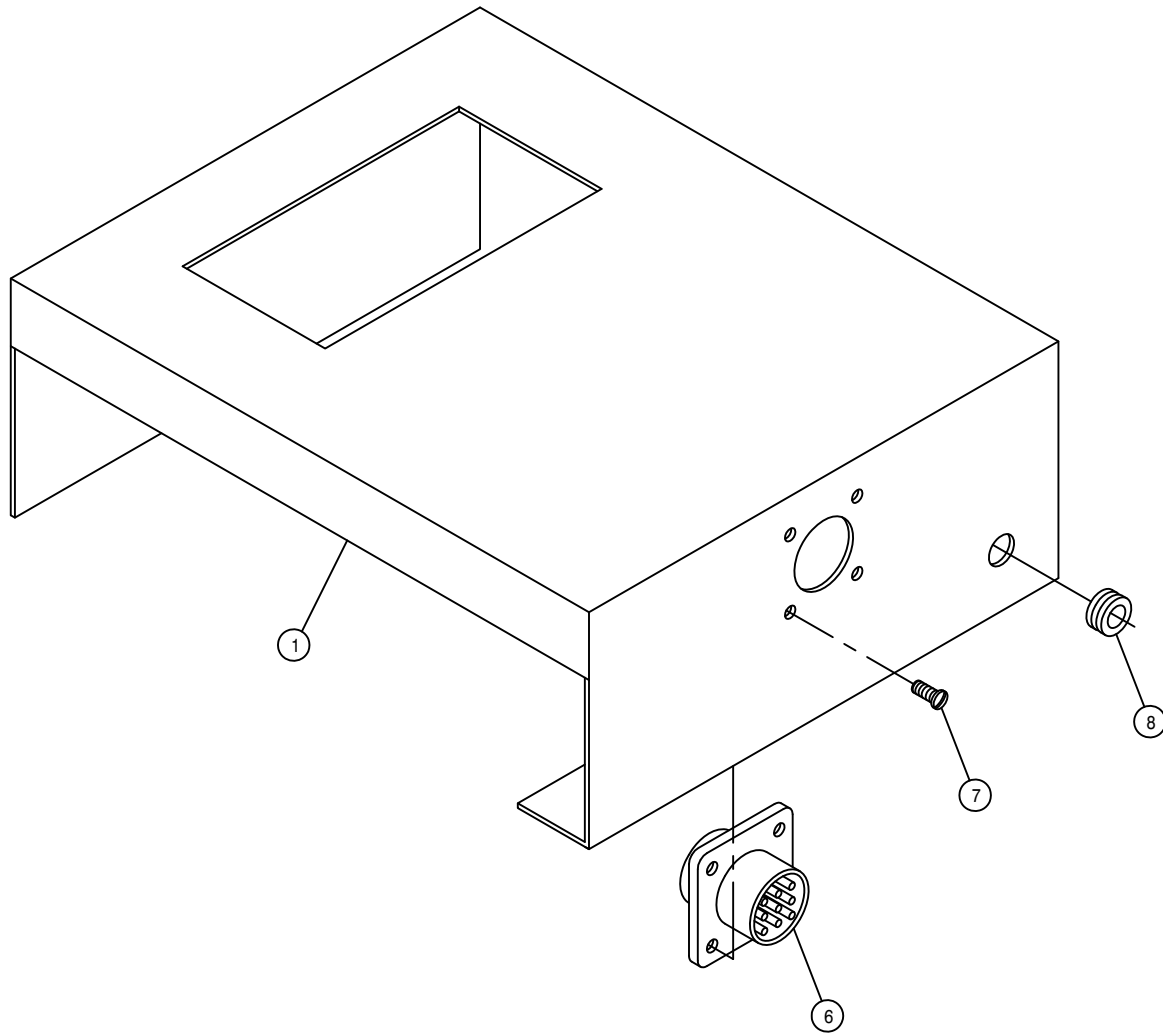
NOTE: DETAIL 7 IS USED (1) WITH 3-LIFT OPTION AND (2) WITH 2-LIFT OPTION.



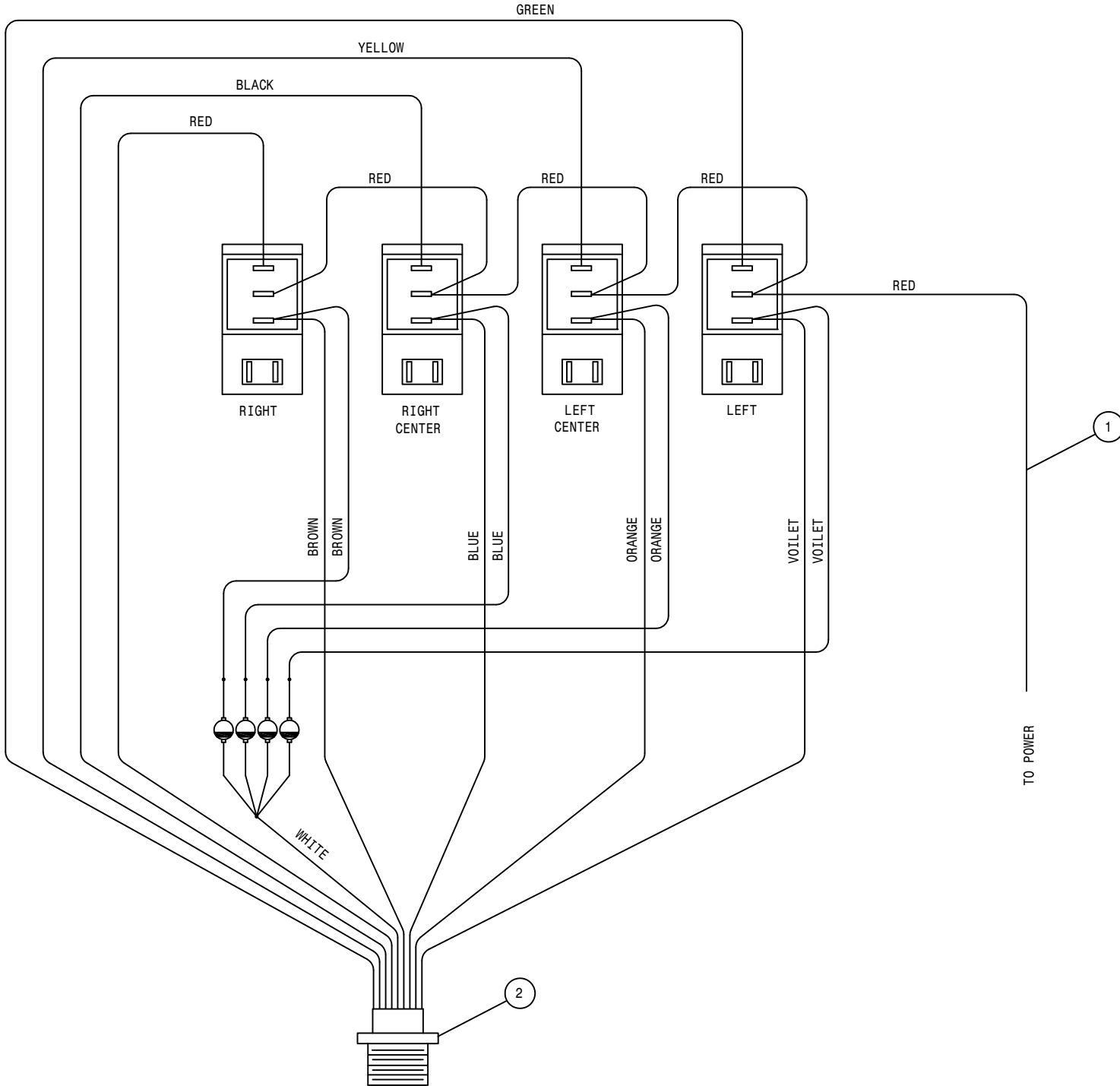
LS MANUAL SWITCH ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	002832	MANUAL LS SYS SWITCH PANEL 92
2	4	293244	SWITCH, 1P(ON)OFF(ON) LOC LITE
3	4	293245	BLANK BLACK LENS FOR 293244
4	2	293246	END BEZEL FOR 293244
5	2	293247	CENTER BEZEL FOR 293244
6	1	293248	MANUAL LS SYS SW HARNESS 92
7	1	473932	SCREW, SELF TAP 6/32 X 3/8PAN
8	1	470067	RUBBER GROMMET 1/4 ID



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2	1	293248	MANUAL LS SYS SW HARNESS
1	1	293249	MANUAL LS SYS PWR WIRE ASSY
DET	REQ	DESCRIPTION	
HAGIE HAGIE MANUFACTURING COMPANY CLARION, IOWA 50525			
REMOVE ALL SHARP CORNERS & BURRS			
TOLERANCE UNLESS OTHERWISE SPECIFIED			
FRACTION	± 1/32	DECIMALS	X.XX ±.03 X.XXX ±.005
ANGLES	± °		
DESCRIPTION WIRING DIAG. MANUAL LS SYS SW			
DRAWN BY	T. MARKER	SCALE	NONE
CHECKED BY		APPROVED BY	
DATE	05-06-92	DRAWING NUMBER	498414
SHEET	OF		

131066

NOTICE

The following page contains decals for the model 200.

These decals can be obtained from Hagie Mfg. Co. and should be used whenever your machine is repainted or when the decals become worn, weathered, or faded.

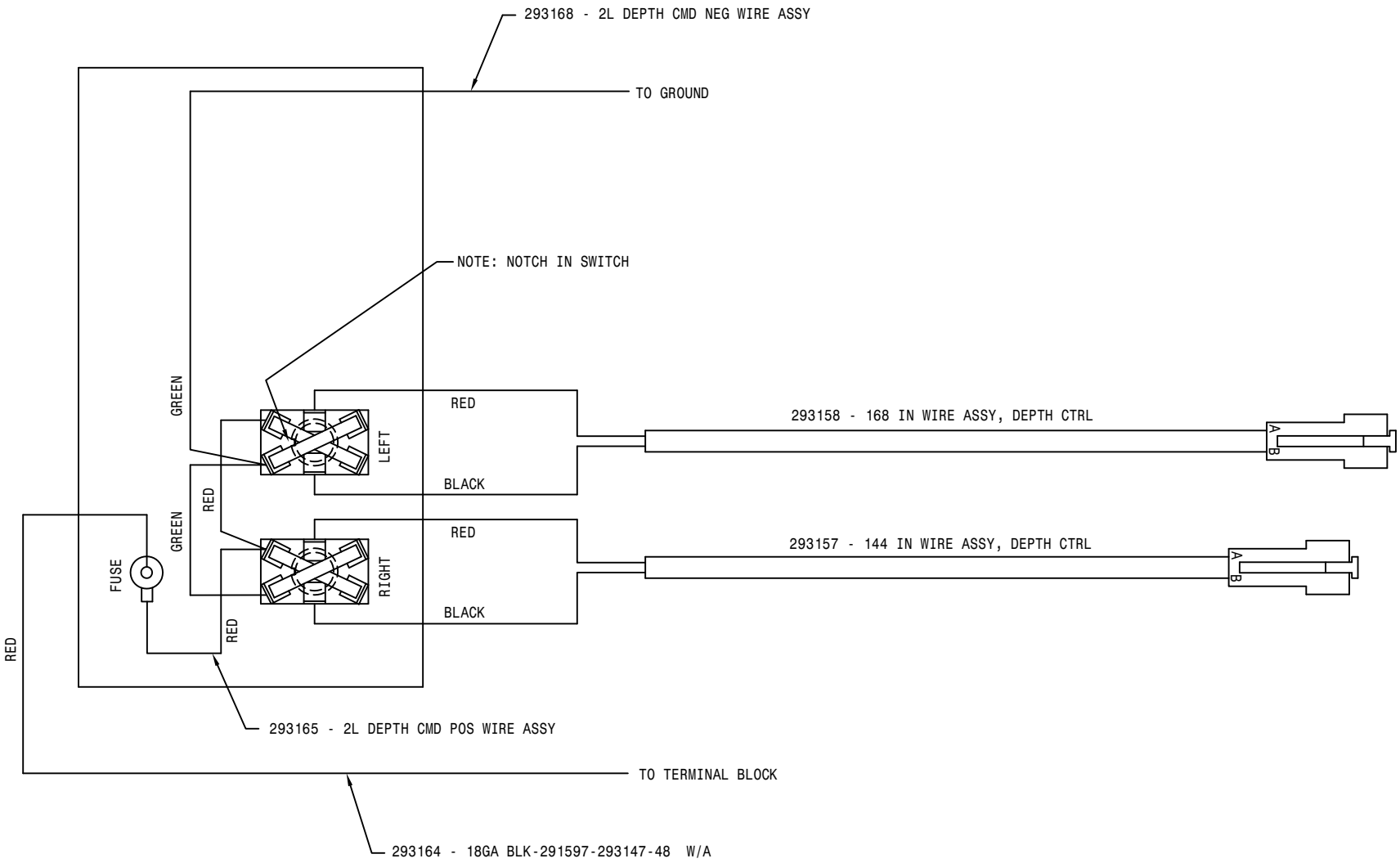
Special attention should be paid to decals involving personal safety. They have been attached for your protection.

KEEP THEM IN PLACE.

Contact: Hagie Manufacturing Co.
Box 273
Clarion, Iowa 50525

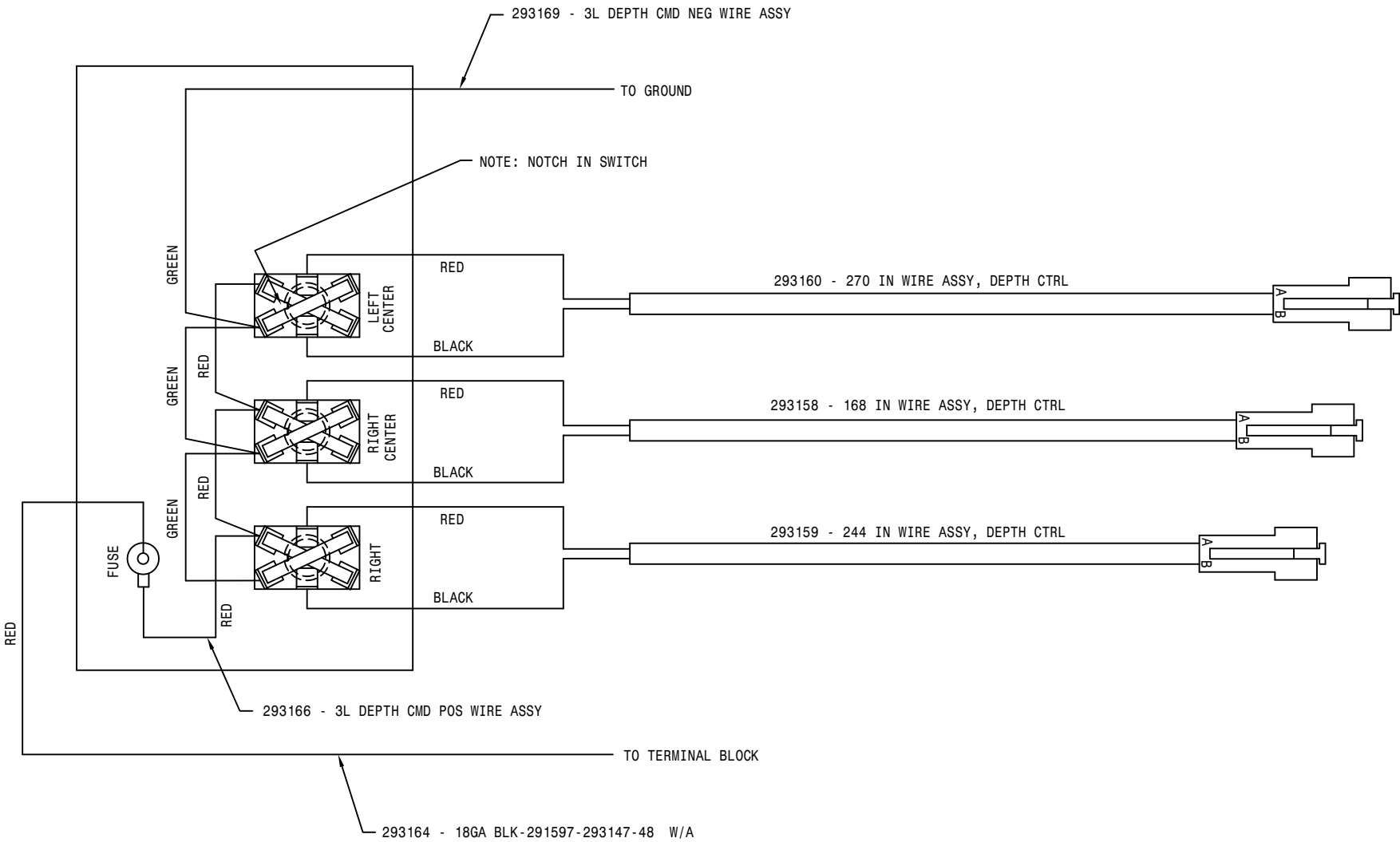
200 DECALS

QTY.	PART NO.	DESCRIPTION	LOCATION
1	650831	EMERGENCY STOP DECAL	ON CONSOLE SHEET METAL
1	650935	SPEEDOMETER DECAL	ON SPEEDOMETER
2	650953	GASOLINE DECAL	NEAR EACH FUEL TANK NECK
1	650814	PARK BRAKE DECAL	NEAR PARK BRAKE
2	650819	DANGER, CUTTING BLADES	2-ON EACH CUTTER HEAD
1	650847	NO PASSENGER DECAL	ON FRONT OPERATOR STATION
1	650848	SLIP OR FALL DECAL	NEXT TO STEP ON LEG RAIL
2	650849	ENGINE FUEL DECAL	NEAR EACH FUEL TANK NECK
4	650985	WHEEL BOLT TORQUE DECAL	ON EACH WHEEL RIM
2	650851	SHIELDS DECAL	ON SIDE OF TOP ENGINE COVER
1	650852	READ MANUAL DECAL	ON FRONT OPERATOR STATION
1	650981	COOLING SYSTEM DECAL	NEAR RADIATOR CAP
1	650982	ELECTRICAL DECAL	RIGHT HAND SIDE OF OIL TANK
3	650931	HAGIE DECAL 1 3/4 X 4	1 - ON EACH TASSEL DEFLECTOR 1 - ON EACH QUAD PULLER
4	650820	CAUTION MOVING PARTS DECAL	2 - EACH TASSEL DEFLECTOR 1 - ON EACH QUAD PULLER 1 - ON EACH TIRE PULLER
2	650954	DIESEL DECAL	NEAR EACH FUEL TANK NECK
1	650311	DECAL SET, HAGIE 200 STRIPE	ON EACH ENGINE HOOD
1	650319	DECAL, NOTICE LEG CYL OIL	ON TOP LH FRT LEG



DET	REQ	DESCRIPTION			
HAGIE HAGIE MANUFACTURING COMPANY <small>CLARION, IOWA 50525</small>					
REMOVE ALL SHARP CORNERS & BURRS					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
FRACTION	± 1/32	DECIMALS	X.XX ±.03 X.XXX ±.005	ANGLES	± *
DESCRIPTION					
WIRE DIAG 2 LIFT DEPTH CMD 90					
DRAWN BY		SCALE			
T. MARKER		NONE			
CHECKED BY		APPROVED BY			
DATE		DRAWING NUMBER			
02-09-90		498359			
SHEET OF					

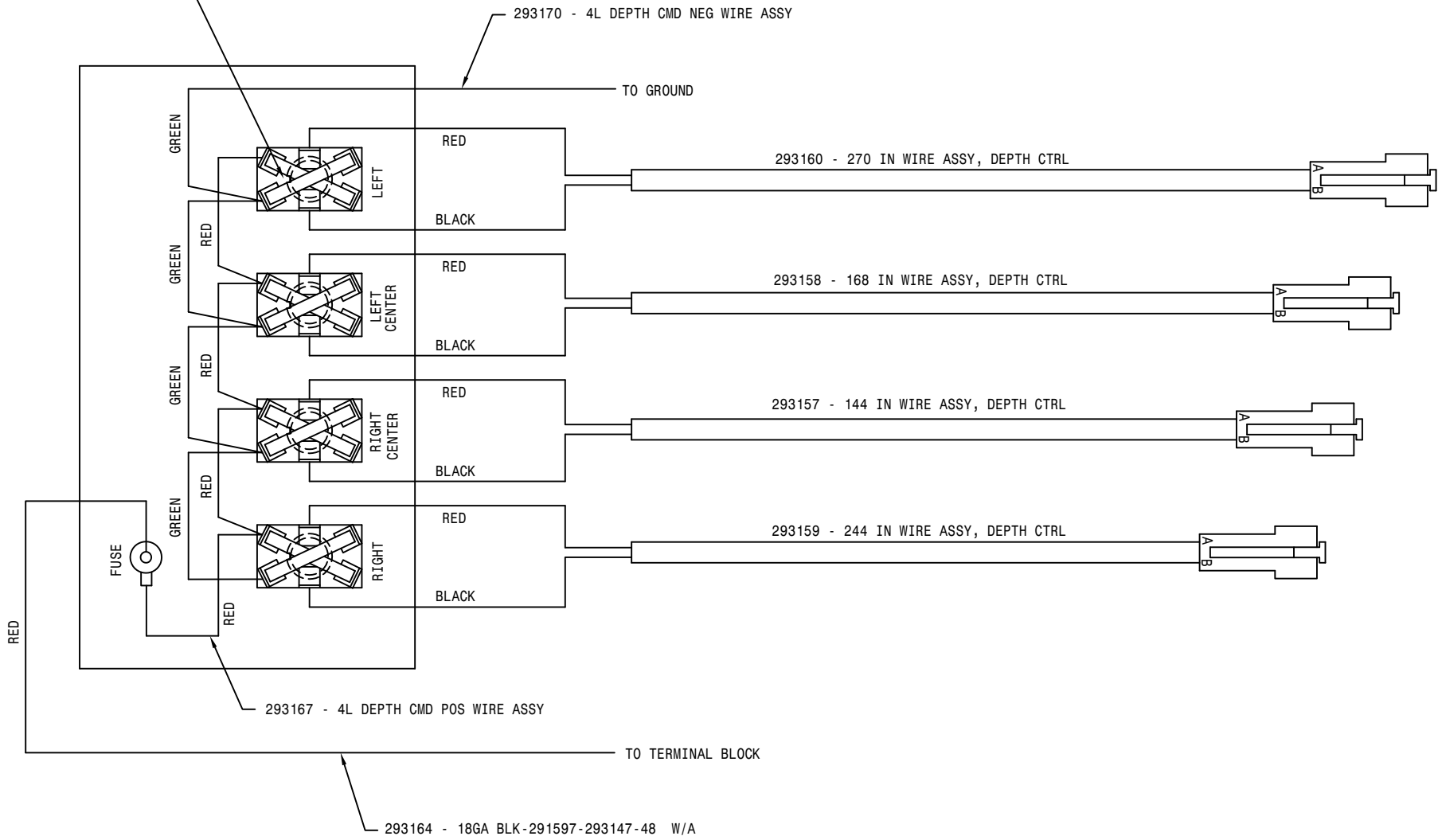
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DET	REQ	DESCRIPTION		
HAGIE HAGIE MANUFACTURING COMPANY CLARION, IOWA 50525				
REMOVE ALL SHARP CORNERS & BURRS				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
FRACTION	1/32	DECIMALS	X.XX X.XXX	ANGLES
			.03 .005	!*
DESCRIPTION				
WIRE DIAG 3 LIFT DEPTH CMD 90				
DRAWN BY		SCALE		
T. MARKER		NONE		
CHECKED BY		APPROVED BY		
DATE		DRAWING NUMBER		
02-09-90		498360		
SHEET		OF		

131070

NOTE: NOTCH IN SWITCH

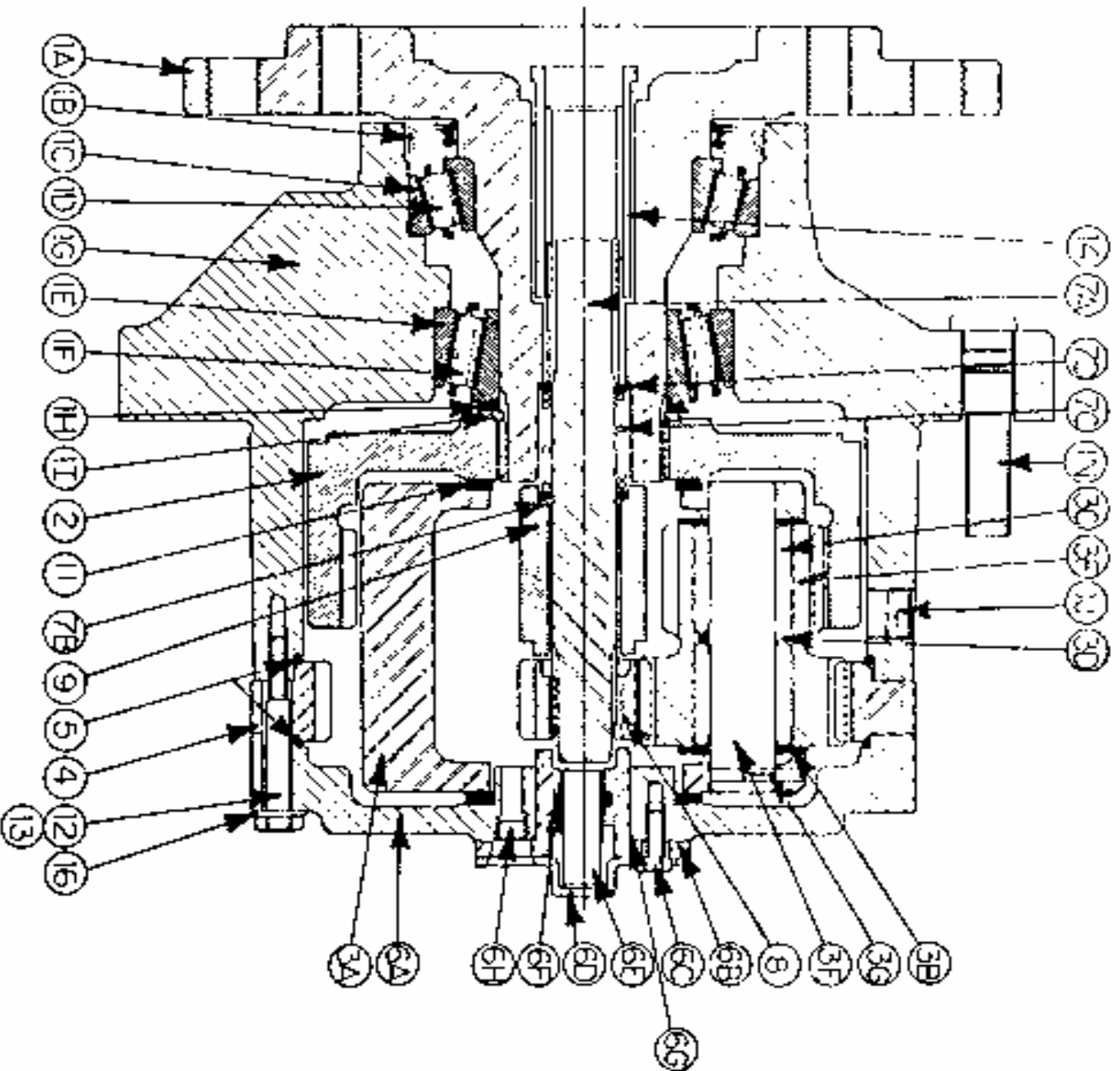


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DET	REQ	DESCRIPTION	
HAGIE HAGIE MANUFACTURING COMPANY CLARION, IOWA 50525			
REMOVE ALL SHARP CORNERS & BURRS			
TOLERANCE UNLESS OTHERWISE SPECIFIED			
FRACTION	1/32	DECIMALS	X.XX ±.03 X.XXX ±.005
ANGLES	1°		
DESCRIPTION			
WIRE DIAG 4 LIFT DEPTH CMD 90			
DRAWN BY	T. MARKER	SCALE	NONE
CHECKED BY		APPROVED BY	
DATE	02-09-90	DRAWING NUMBER	498361
SHEET	OF		

131071

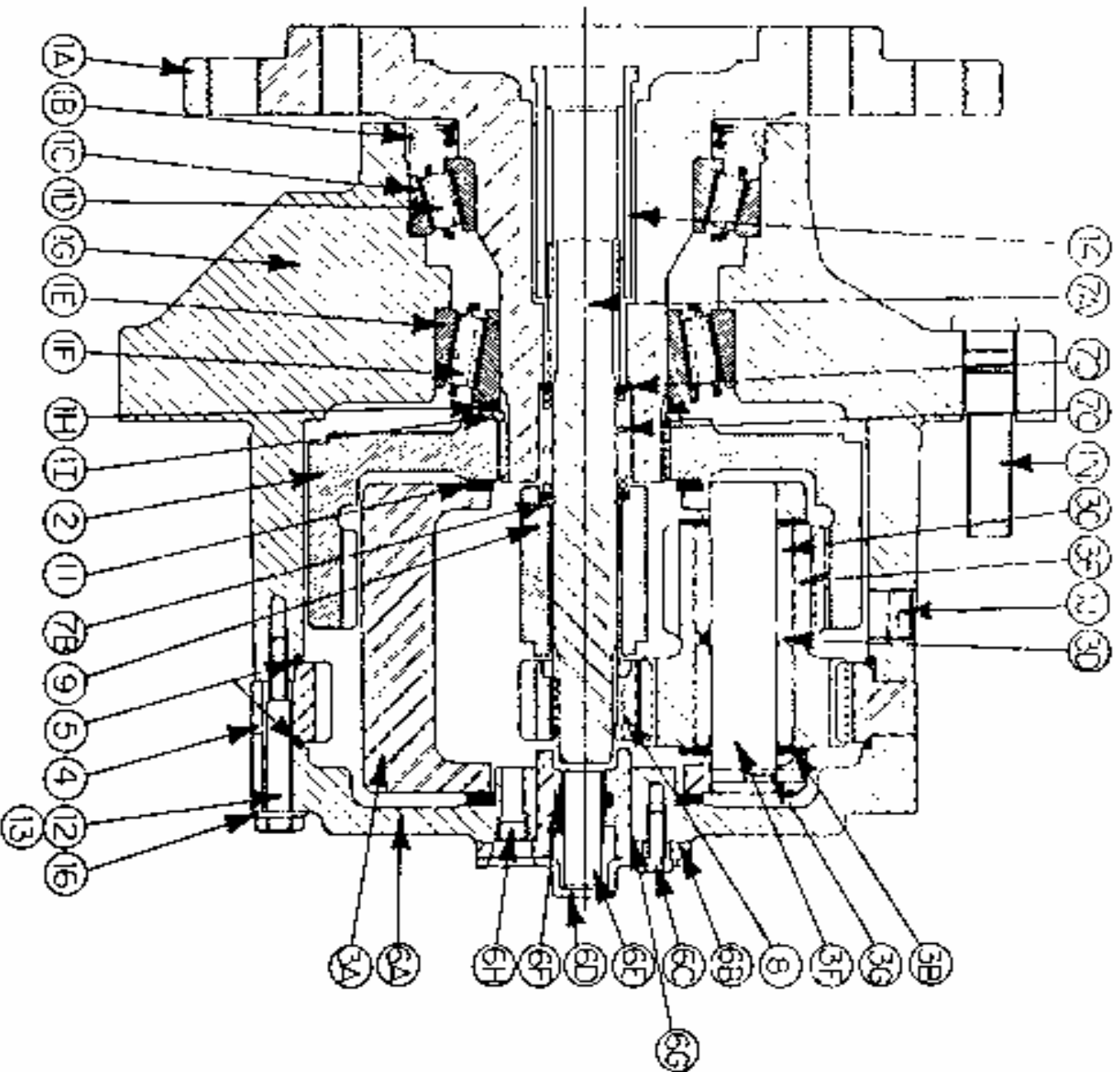
CROSS-SECTIONAL VIEW OF W1B TORQUE-HUB®



WHEEL DRIVE ASSEMBLY - 610516
W1BFNZ324

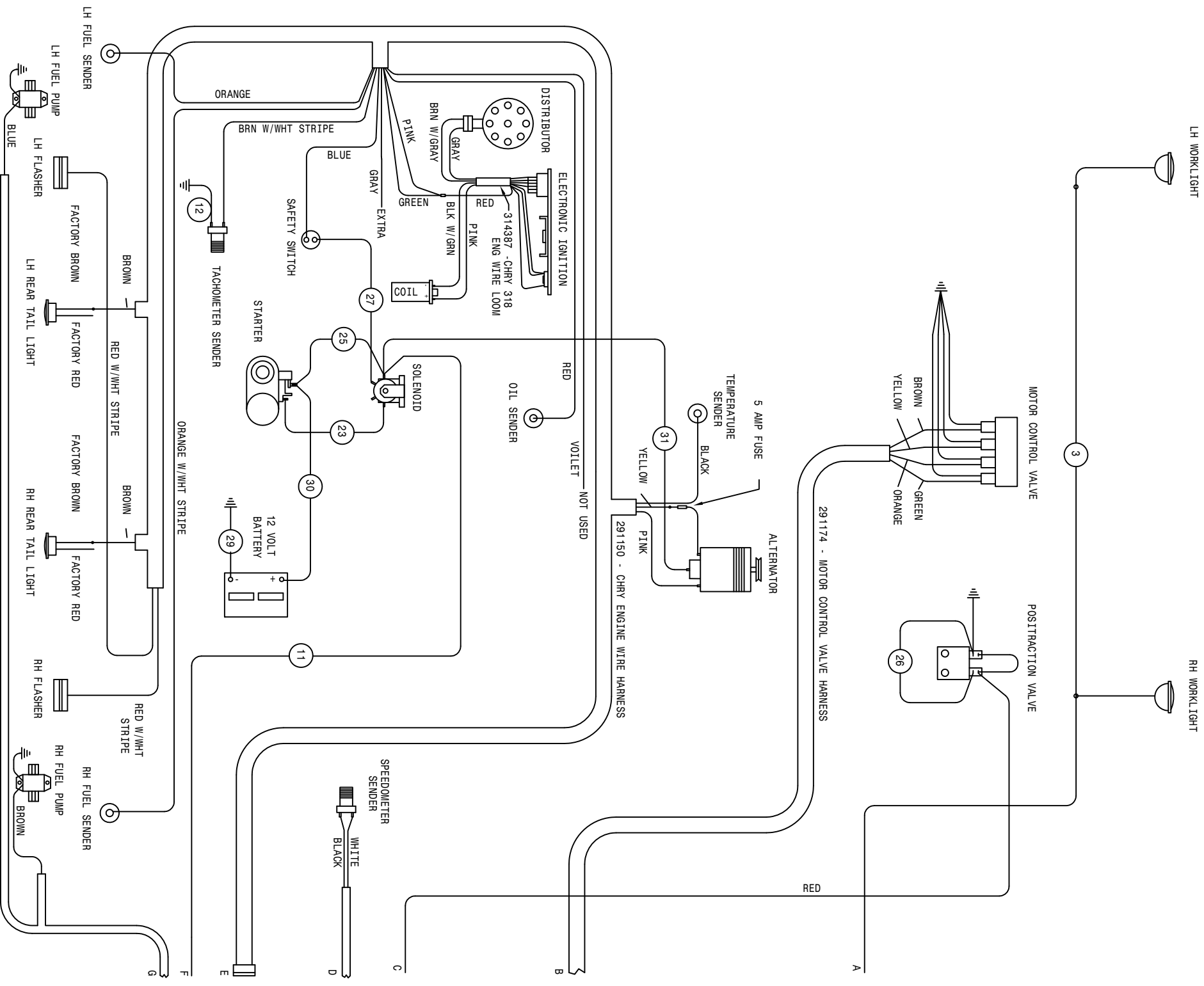
ITEMS	DESCRIPTION	PART NO.	QTY.
1	HUB-SPINDLE SUB-ASSEMBLY	-----	
1A	SPINDLE	610518	1
1B	SEAL	610519	1
1C	BEARING CUP	610520	1
1D	BEARING CONE	610521	1
1E	BEARING CUP	610907	1
1F	BEARING CONE	610908	1
1G	HUB	610522	1
1H	SPACER	610909	1
1I	RETAINER RING	610910	1
1J	PIPE PLUG	610147	2
1N	STUD	610523	9
2	INTERNAL GEAR	610148	1
3	CARRIER ASSEMBLY	610933	1
4	RING GEAR	610937	1
5	O-RING	610903	2
6	COVER ASSEMBLY	610155	1
6A	COVER	610149	1
6B	COVER CAP	610914	1
6C	BOLT	610150	4
6D	DISCONNECT CAP	610901	1
6E	DISCONNECT ROD	610915	1
6F	O-RING	610916	1
6G	O-RING	610917	1
6H	PIPE NIPPLE	610151	1
6I	ID PLATE	610152	1
7	INPUT SHAFT ASSEMBLY	610048	1
7A	INPUT SHAFT	610046	1
7B	RETAINING RING	610936	1
7C	SPRING	610145	1
7D	SPACER	610153	2
8	INPUT GEAR	610919	1
9	THRUST SPACER	610920	1
10	THRUST SPACER	610921	1
11	THRUST WASHER	610922	2
12	BOLT	610930	12
13	SHOULDER BOLT	610923	4
14	COUPLING	610037	1
16	FLAT WASHER	610049	16
NS	SEAL BOOT	610552	1

CROSS-SECTIONAL VIEW OF W1B TORQUE-HUB®



WHEEL DRIVE ASSEMBLY - 610515
W1BFNZ318

ITEMS	DESCRIPTION	PART NO.	QTY.
1	HUB-SPINDLE SUB-ASSEMBLY	-----	
1A	SPINDLE	610518	1
1B	SEAL	610519	1
1C	BEARING CUP	610520	1
1D	BEARING CONE	610521	1
1E	BEARING CUP	610907	1
1F	BEARING CONE	610908	1
1G	HUB	610522	1
1H	SPACER	610909	1
1I	RETAINER RING	610910	1
1J	PIPE PLUG	610147	2
1N	STUD	610523	9
2	INTERNAL GEAR	610148	1
3	CARRIER ASSEMBLY	610912	1
4	RING GEAR	610929	1
5	O-RING	610903	2
6	COVER ASSEMBLY	610155	1
6A	COVER	610149	1
6B	COVER CAP	610914	1
6C	BOLT	610150	4
6D	DISCONNECT CAP	610901	1
6E	DISCONNECT ROD	610915	1
6F	O-RING	610916	1
6G	O-RING	610917	1
6H	PIPE NIPPLE	610151	1
6I	ID PLATE	610152	1
7	INPUT SHAFT ASSEMBLY	610048	1
7A	INPUT SHAFT	610046	1
7B	RETAINING RING	610936	1
7C	SPRING	610145	1
7D	SPACER	610153	2
8	INPUT GEAR	610919	1
9	THRUST SPACER	610920	1
10	THRUST SPACER	610921	1
11	THRUST WASHER	610922	2
12	BOLT	610930	12
13	SHOULDER BOLT	610923	4
14	COUPLING	610037	1
16	FLAT WASHER	610049	16
NS	SEAL BOOT	610552	1



LH WORKLIGHT

RH WORKLIGHT

MOTOR CONTROL VALVE

POSITION VALVE

291174 - MOTOR CONTROL VALVE HARNESS

291150 - CHRY ENGINE WIRE HARNESS

RED

A

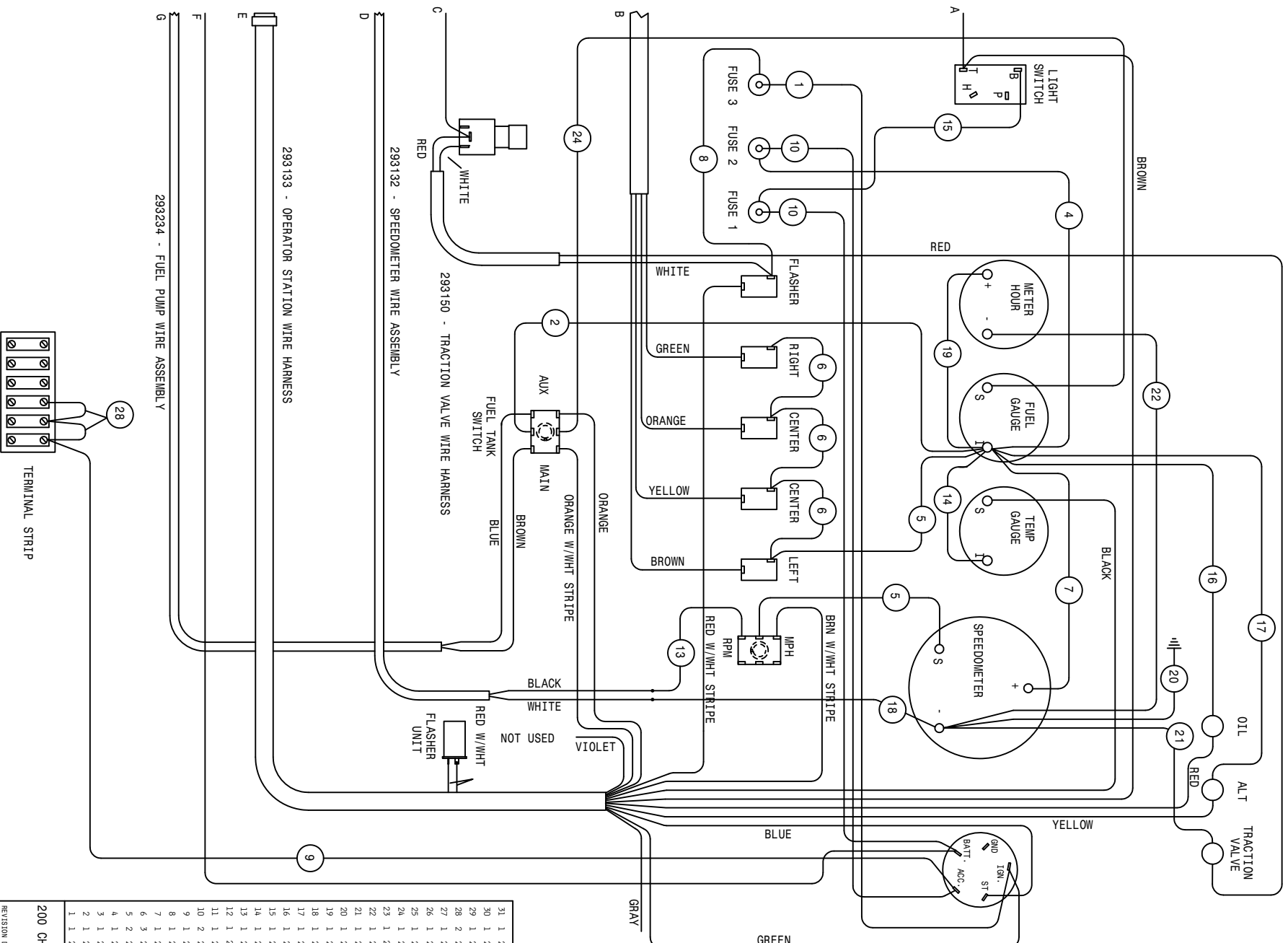
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C

D

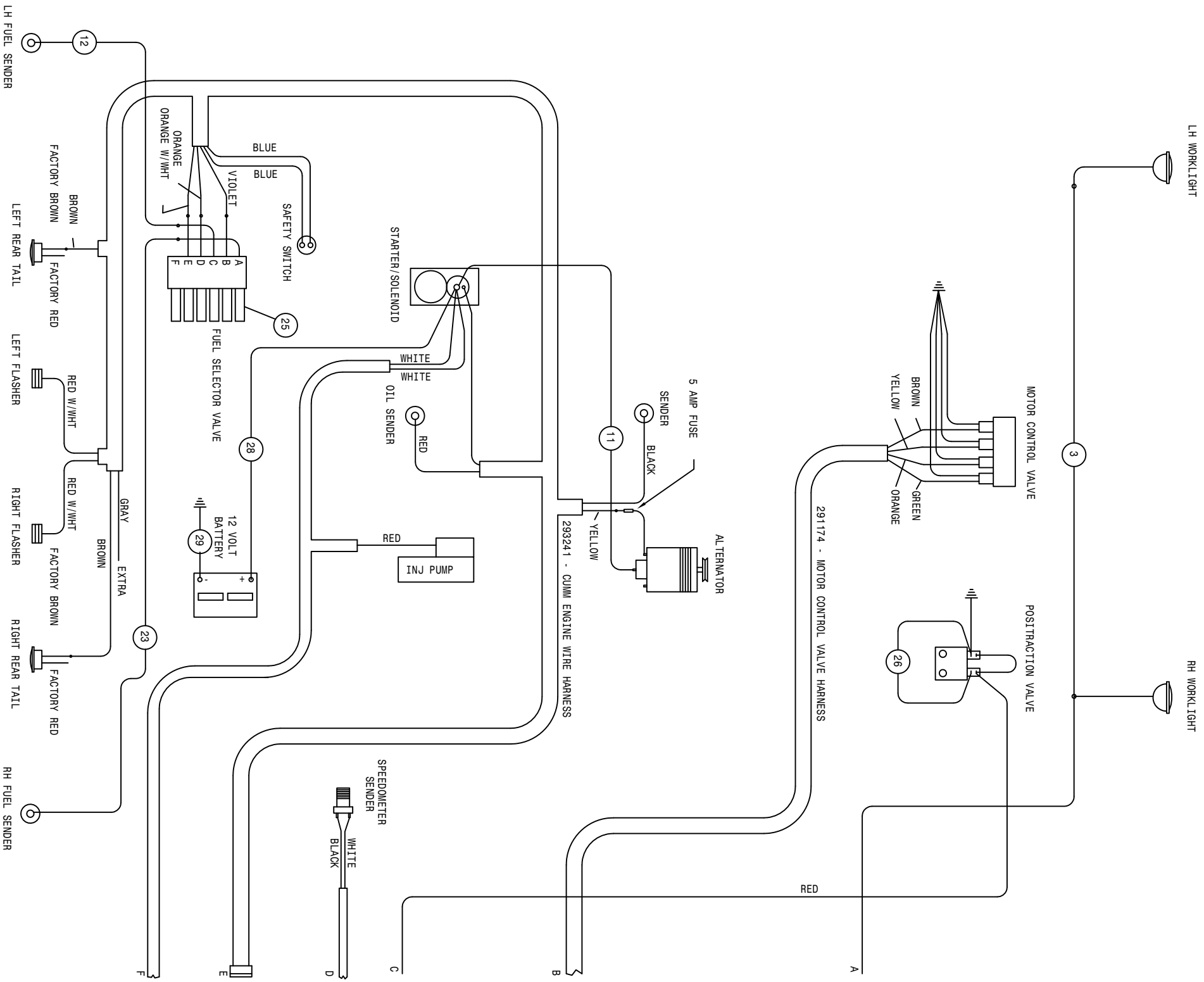
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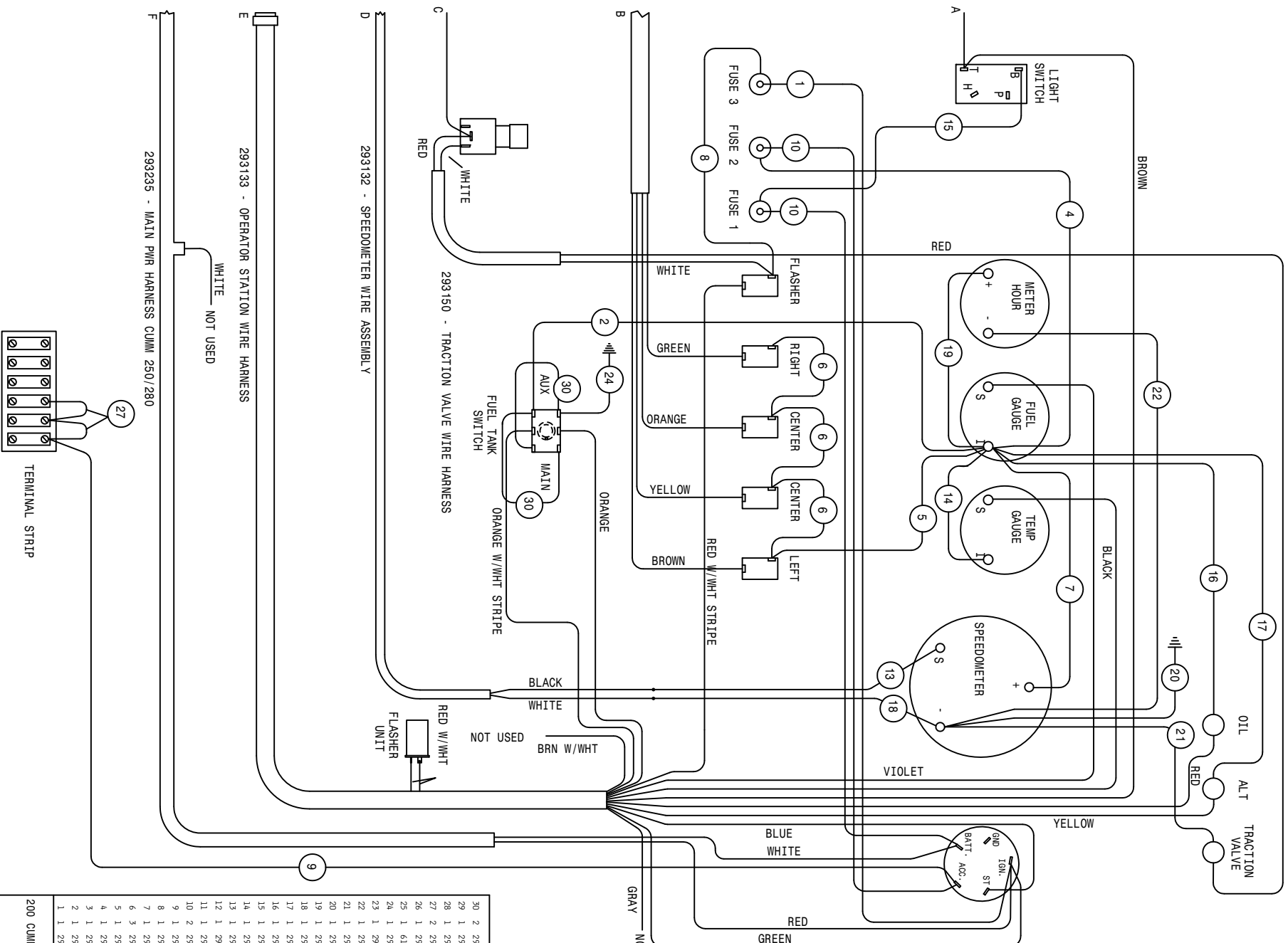
G



31	1	291453	10 GA. BLU	291314-291587-53
30	1	291128	48" BATTERY CABLE	
29	1	290111	GROUND STRAP	
28	2	291466	14 GA. RED	291583-291583-3
27	1	291441	16 GA. BLU	291583-291583-21
26	1	291468	TRACT. VALV	GRD WIRE ASSEMBLY
25	1	291278	10 GA. RED	291514-291514-13
24	1	291440	16 GA. WHT	291583-291583-17
23	1	291276	10 GA. BLU	291514-291561-14
22	1	291115	16 GA. WHT	291571-291583-10
21	1	293114	16 GA. WHT	291583-291598-7
20	1	293112	16 GA. GRN	291511-291583-20
19	1	293113	16 GA. WHT	291571-291583-4
18	1	293105	14 GA. WHT	291583-291591-12
17	1	293110	16 GA. RED	291583-291598-12
16	1	293109	16 GA. RED	291583-291598-10
15	1	293111	16 GA. GRN	291583-5
14	1	293107	16 GA. RED	291583-291583-4
13	1	293106	14 GA. BLK	291583-291591-12
12	1	291277	16 GA. BLU	291511-291583-14
11	1	293134	12 GA. WHT	291561-291514-148
10	2	293103	14 GA. GRN	291583-16
9	1	293107	14 GA. RED	291583-291557-36
8	1	293139	14 GA. BLK	291583-7
7	1	293100	14 GA. RED	291583-291583-8
6	3	293135	14 GA. RED	291583-291583-3
5	2	293136	14 GA. RED	291583-291583-4
4	1	291308	14 GA. RED	291583-6
3	1	291151	HEADLIGHT	WIRE ASSEMBLY
2	1	293142	16 GA. BLU	291583-291583-17
1	1	293137	14 GA. RED	291583-15

200 CHRY WIRING DIAGRAM 92
 REVISION DATE: 05-04-88
 498403
 08-20-91 TLM

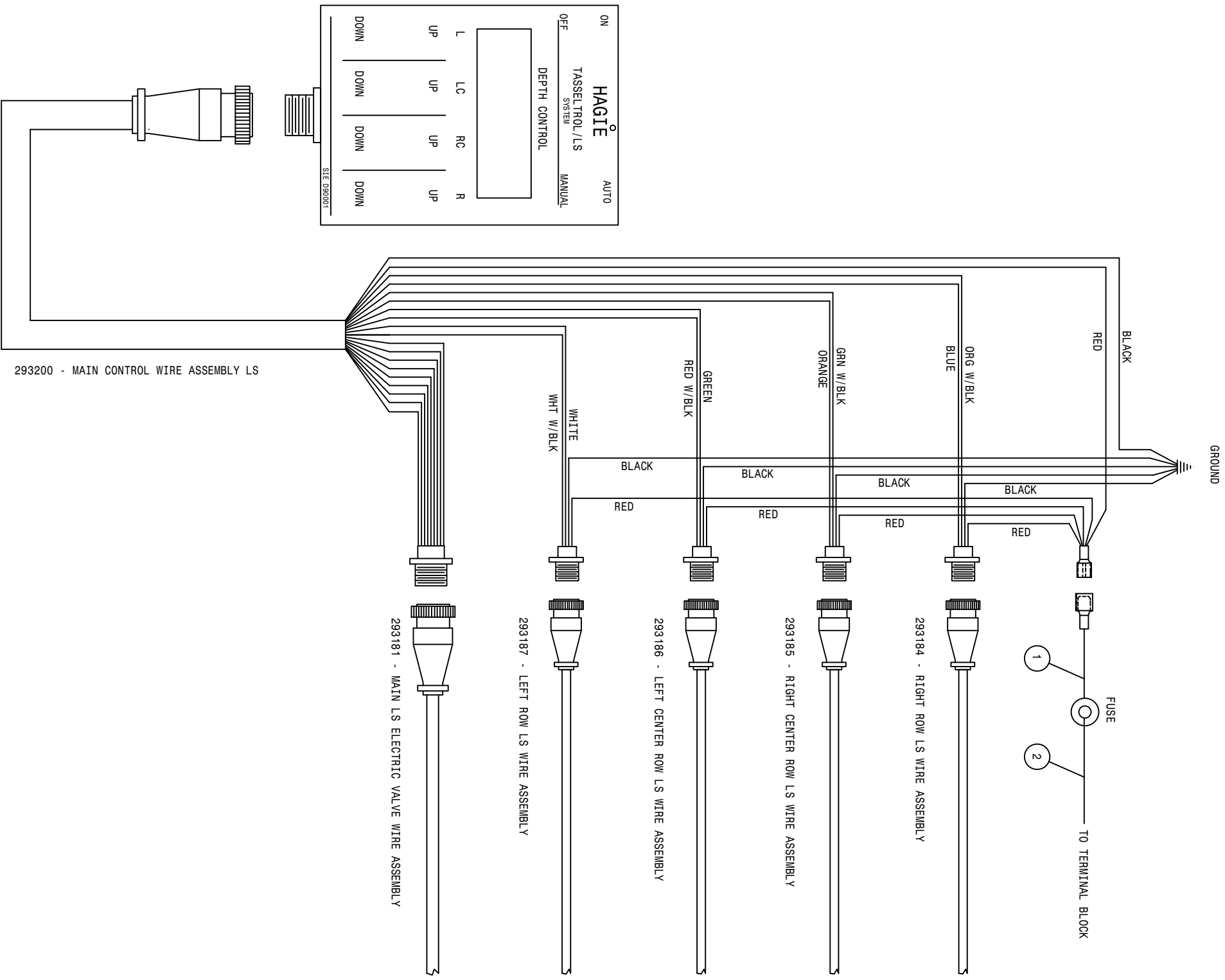


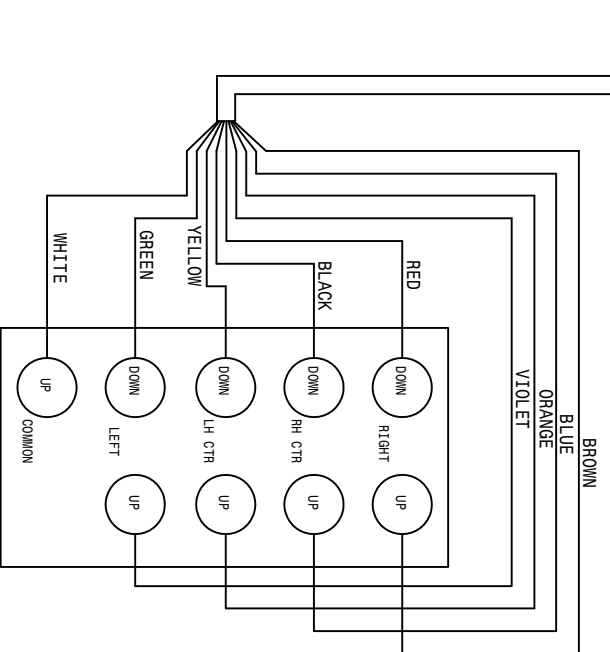
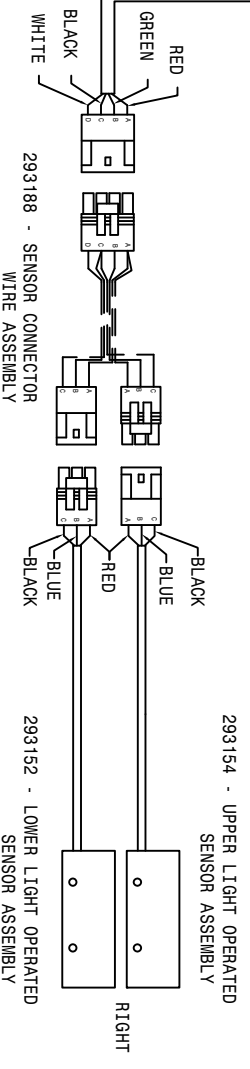
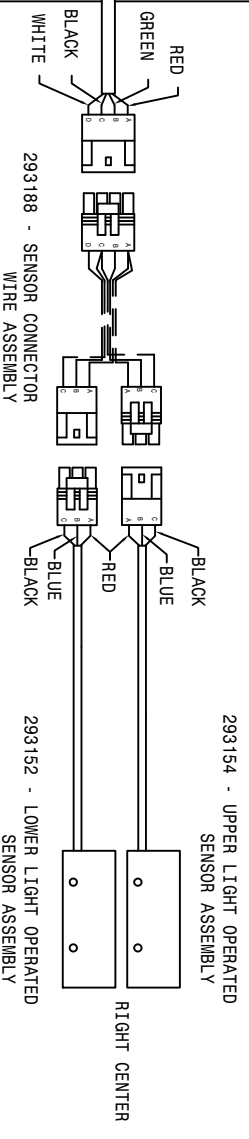
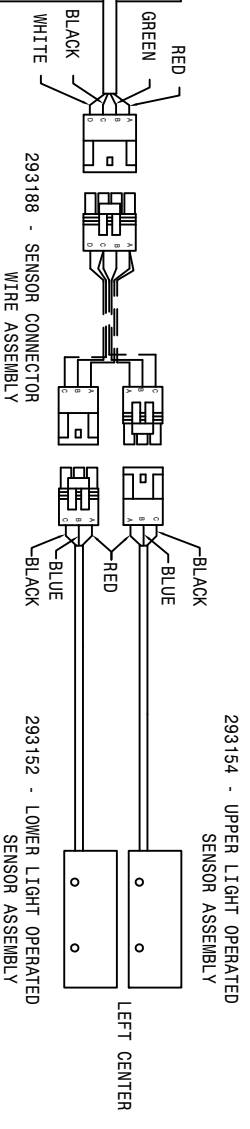
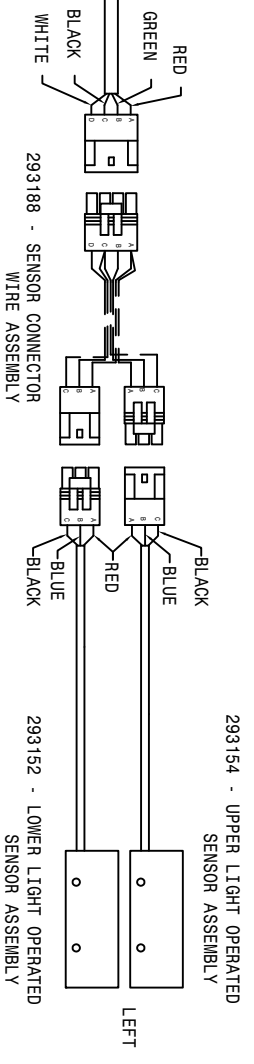


30	2	293117	16 GA RED	291588-291588-3
29	1	290111	GROUND STRAP	
28	1	291128	48" BATTERY CABLE	
27	2	291484	14 GA RED	291589-291589-3
26	1	291468	TRACT VLV GRD WIRE ASSEMBLY	
25	1	610530	5 WIRE CONNECTOR	
24	1	293116	16 GA WHT	291511-291589-12
23	1	293118	16 GA BRN	291559-291589-72
22	1	293105	16 GA WHT	291571-291589-10
21	1	293114	16 GA WHT	291588-291598-7
20	1	293112	16 GA GRN	291511-291589-20
19	1	293113	16 GA WHT	291571-291589-4
18	1	293105	14 GA WHT	291588-291591-12
17	1	293110	16 GA RED	291588-291598-12
16	1	293109	16 GA RED	291588-291598-10
15	1	293111	16 GA GRN	291589-5
14	1	293107	16 GA RED	291588-291588-4
13	1	293106	14 GA BLK	291588-291591-12
12	1	293119	16 GA BLK	291599-291589-80
11	1	291029	10 GA BLU	291513-291587-30
10	2	293103	14 GA GRN	291589-16
9	1	293138	14 GA RED	291588-291597-36
8	1	293139	14 GA BLK	291589-7
7	1	293100	14 GA RED	291589-291589-8
6	3	293135	14 GA RED	291588-291588-3
5	1	293136	14 GA RED	291588-291588-4
4	1	293108	14 GA RED	291589-6
3	1	291151	HEADLIGHT WIRE ASSEMBLY	
2	1	293142	16 GA BLU	291588-291588-17
1	1	293137	14 GA RED	291589-15

200 CUMMINS WIRING DIAGRAM 92

498411



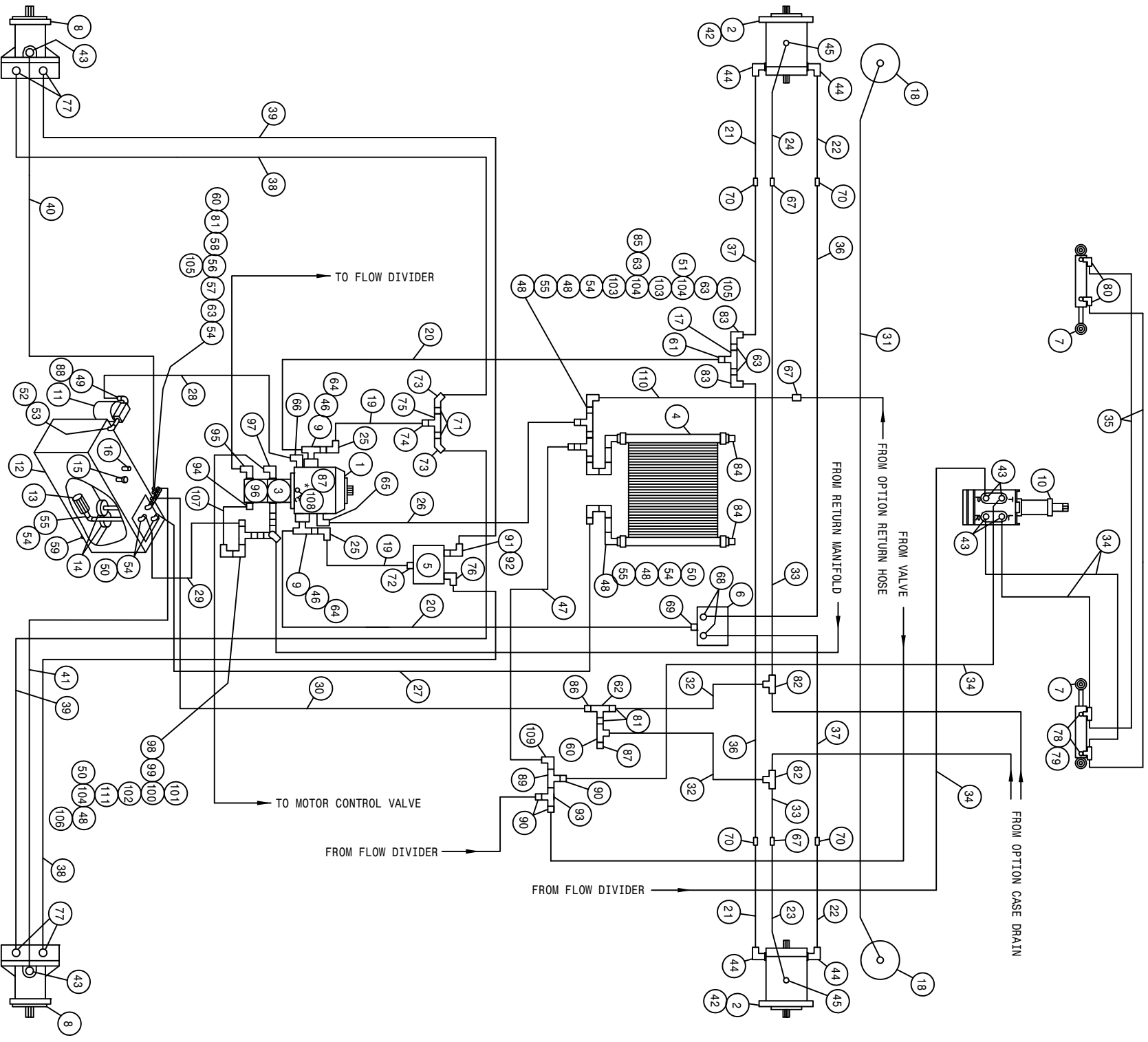


NO	DATE	E.C.	BY	REVISION
2	1	293203	16GA RED-291557-21	
1	1	293202	16GA RED-293163-7	
DESCRIPTION				
HAGIE MANUFACTURING COMPANY				
CLARION, IOWA 50525				
REMOVE ALL SHARP CORNERS & BURRS				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
FRACTION : 1/32 DECIMALS : .01 ANGLES : °				
DESCRIPTION				
T. TROL. L/S WIRE D168RM 90				
SCALE				
DRAWN BY				
T. MARKER				
HAL F				
CHECKED BY				
APPROVED BY				
DATE				
05-02-90				
QUANTITY ORDERED				
SHEET				
OF				
498365				

200 BASIC MACHINE CHRY HYD SCHEMATIC 1991
REFERENCE DRAWING NO. 498367

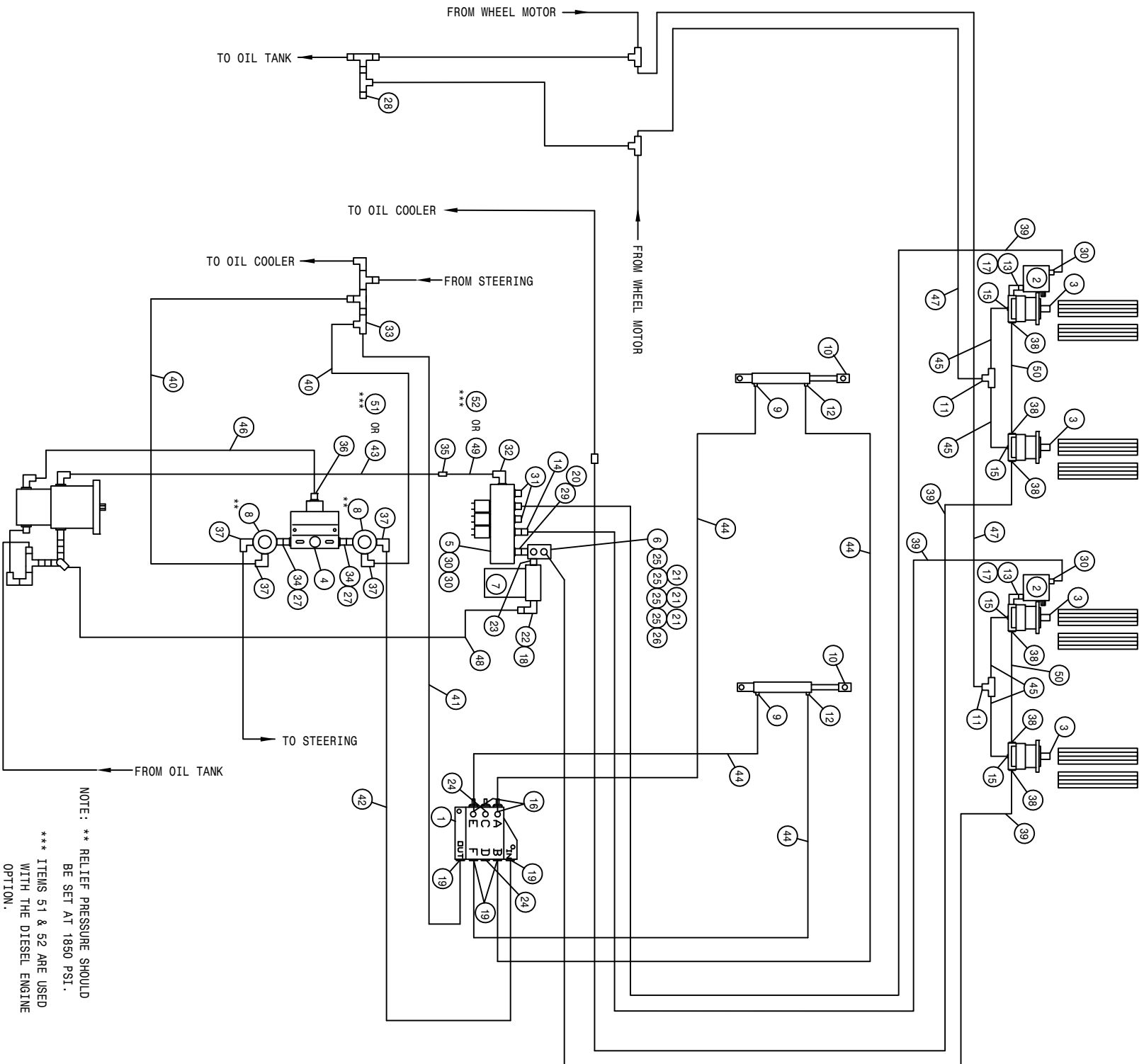
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606884	SUND 75CC ECLIPSE PUMP B-MT	57	1	504702	CLOSE NIPPLE .75NPT
2	2	610030	SUND WHL MTR EXTEN SHAFT 18	58	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
3	1	606894	SUND GEAR PUMP 3.40CI SPLINED	59	1	501102	1/4 PIPE PLUG
4	1	618486	OIL COOLER, BLISSFIELD 65027	2	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
5	1	610468	POSITIONACTION VLV MOD CONT 20G	61	1	618322	1 5/16MJIC-1MNP ADPTR
6	1	610513	POSITRACTION VLV W/BYPASS 60G	62	1	503820	BLK PIPE TEE .50NPT
7	2	620080	STRG CYL ASSY 1.50 X 6.0 1985	63	5	505213	RED BUSH 1 X 3/4 BLK MAL
8	2	610512	SUND M23 WHL MTR	64	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR
9	2	618598	1 IN 4-BOLT FLG X 1 5/16FOR	65	1	618118	3/4 HOSE BARB-90-1 1/16MOR
10	1	749150	STRG MTR NON-LOAD REACT 1008	66	1	618564	1IN HOSE BARB-90-1 5/16MOR
11	1	605601	GRESSEN FILTER 10 MICRON 40GPM	67	3	618314	3/4MJIC UNION
12	1	760097	OIL TANK WLD 8240 1982	68	2	618601	1 5/16MJIC-1 5/16MOR ADPTR
13	1	605600	MICHIGAN RESERVOIR FILTER	69	1	618186	7/8MJIC-1 5/16MOR ADPTR
14	2	605603	LINE SUMP DIFFUSER	70	4	618177	1 1/16MJIC UNION
15	1	611052	FILLER BREATHER 3/4NPT	71	2	505005	RED BUSH 1 TO 1/2
16	1	614453	DIPSTICK, 8IN	72	1	618308	1 1/16MJIC-1 5/16MOR ADPTR
17	1	614660	1IN STL TEE WLD 280	73	2	618323	7/8MJIC-45-1/2MNP LBO
18	2	620570	HYD CYL LEG LEVEL 2.00 X 12	74	1	618434	1 1/16MJIC-1/2MNP ADPTR
19	2	614472	HYD TUBE ASSY, SUND PUMP 200	75	1	618575	1FNPT PIPE TEE STL
20	1	614697	HYD TUBE ASSY, RH MAIN 200 91	76	1	618589	7/8MJIC-90-1 5/16MOR LBO
21	2	614665	FRT LEG INNER HYD TUBE ASY200	77	4	611126	7/8MJIC-7/8MOR ADPTR
22	2	614668	FRT LEG CNTR HYD TUBE ASSY200	78	2	611121	9/16MJIC-1/4MNP ADPTR
23	1	614666	RH FRT LEG HYD TUBE ASSY 200	79	2	618514	9/16FJ SW BRANCH TEE-9/16MJ
24	1	614667	LH FRT LEG HYD TUBE ASSY 200	80	2	611122	9/16MJIC-90-1/4MNP LBO
25	1	614676	HYD TUBE ASSY, LH MAIN 200	81	2	618018	9/16MJIC-1/2MNP ADPTR
26	1	601110	HOSE, 3/4 X 64 2BR RED	82	2	610193	9/16MJIC BLKHD BRANCH TEE
27	1	601314	HOSE, 1 X 81 2 BR RED	83	2	618156	7/8MJIC-90-3/4MNP LBO
28	1	601303	HOSE, 1.00 2BR RED X 29 LG	84	2	505102	PIPE PLUG 1.00NPT SQ HD
29	1	601309	HOSE, 1 X 48 2BR RED	85	1	610300	3/4MJIC-3/4MNP ADPTR
30	1	614388	08C1T-08FJX-08FJX-129	86	1	611147	3/4MJIC-1/2MNP ADPTR
31	1	615614	FRT LEG CYL JUMPER HOSE280 89	87	3	618531	9/16FJIC CAP NJT
32	2	614625	06C1T-06FJX-06FJX-30	88	1	506410	BLK PIPE ST EL 90DEG 1.25NPT
33	3	615451	06C1T-06FJX-08FJX-58	89	1	618311	3/4MJIC UNION TEE
34	4	611204	04C1T-06FJX-06FJX-78	90	3	618482	3/4FJIC-9/16MJIC ADPTR
35	2	614663	04C1T-06FJX-06FJX-16	91	1	618312	1 5/16MOR-1 1/16FOR ADPTR
36	2	614655	08C2AT-10FJX-12FX90-70	92	1	618535	7/8MJIC-90-1 1/16MOR LBO
37	2	614654	08C2AT-10FJX-12FX90-60	93	1	618451	3/4FJIC SW RUN TEE-3/4MJIC
38	2	614656	08C2AT-10FJX-10FJX-118	94	1	618075	3/4 HOSE BARB-1 1/16MOR
39	2	614657	08C2AT-10FJX-10FJX-125	95	1	611128	7/8MJIC-90-7/8MOR LBO
40	1	614549	06C1T-06FJX-06FJX-140	96	1	606891	SUND GEAR PMP .52CI SPLINED
41	1	615449	06C1T-06FJX-06FJX-126	97	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
42	2	611159	3/4MOR PLUG	98	1	618596	1 5/8MOR-1 1/4FNPT ADPTR
43	6	618496	9/16MJIC-45-3/4MOR LBO	99	1	507026	1 1/4MNP HEX PIPE NIPPLE STL
44	4	618302	1 1/16MJIC-90-1 5/16MOR LBO	100	1	506701	SIDE OUTLET EL 90DEG 1.25NPT
45	2	618315	3/4MJIC-45-3/4MOR LBO	101	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
46	2	618599	1 5/16MOR BRANCH TEE-1 5/16MJ	102	1	506005	1 1/4 TO 1 RED BUSH BLK MAL
47	1	615465	08C1T-08FJX-08FJX-33	103	2	505201	CLOSE NIPPLE 1.00NPT
48	5	505200	BLK PIPE ST EL 90DEG 1.00NPT	104	3	505101	BLK PIPE TEE 1.00NPT
49	1	715664	1 1/4 NPT X 1 HOSE BARB	105	2	610305	3/4MJIC-90-3/4MNP LBO
50	4	714560	1NPT X 1 HOSE BARB	106	1	716000	3/4 HOSE BARB-90-1MNP
51	1	714331	1 NPT X 3/4 HOSE BARB	107	1	601311	HOSE, 3/4 X 8 2BR RED
52	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2	108	2	618126	9/16MJIC-9/16MOR ADPTR
53	1	506303	BLK PIPE EL 90DEG 1.25NPT	109	1	618609	3/4MJIC-90-3/4FJIC SWIV LBO
54	6	505300	BLK PIPE EL 90DEG 1.00NPT	110	1	614662	08C1T-08FJX-08FJX-72
55	3	505203	BLK PIPE NIPPLE 1.00NPT-4.00	111	1	505105	1MNP HEX PIPE NIPPLE STL
56	1	504955	BLK PIPE TEE .75NPT				

*NOTE:
 REFER TO DETAIL 108 TO CHECK PRESSURE LIMIT
 SETTING - 4500 PSI
 REFER TO DETAIL 108 ON TOP TO CHECK CHARGE
 PRESSURE - 380 PSI



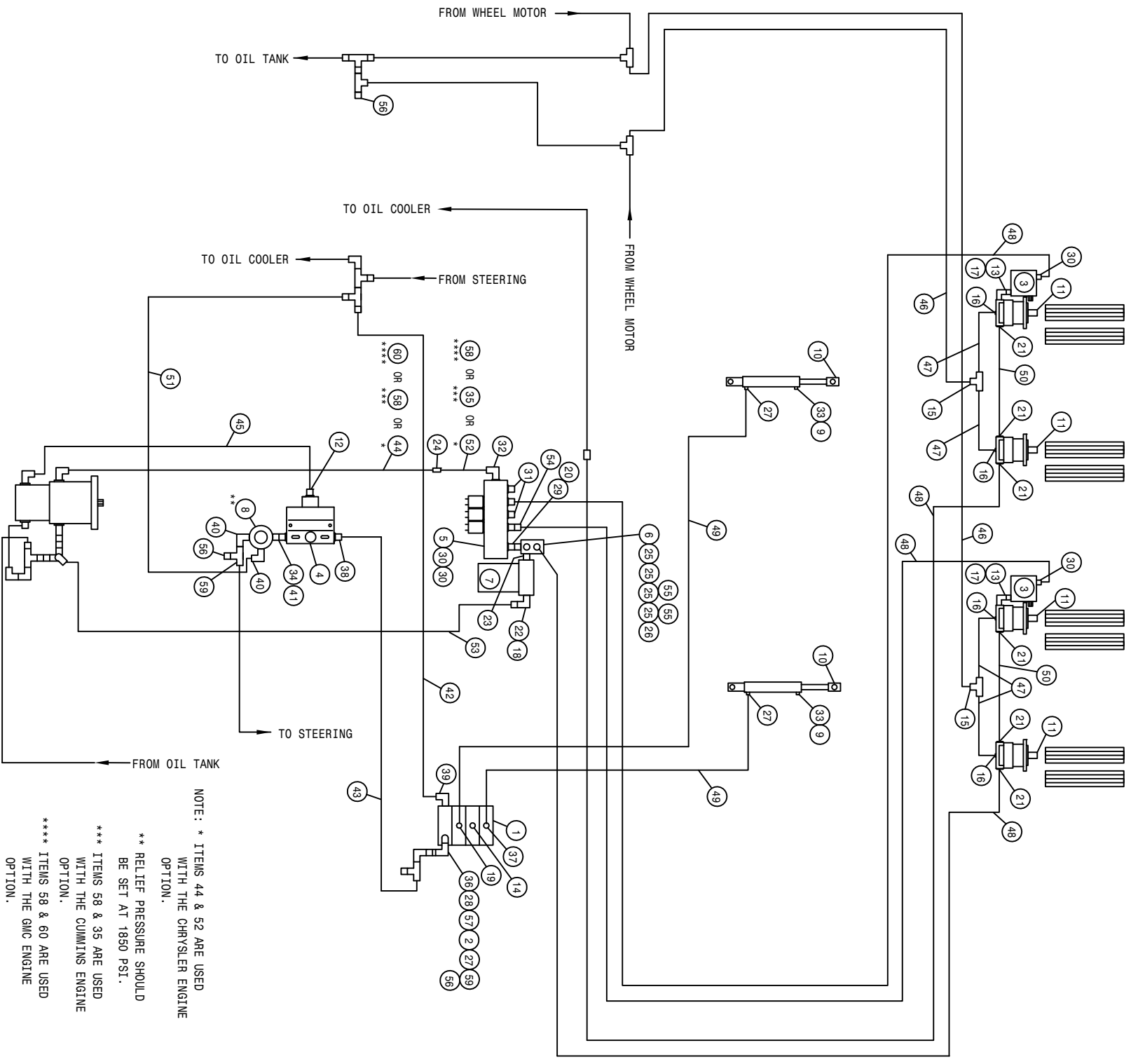
200 BASIC MACHINE CUMM HYD SCHEMATIC 1992
 REFERENCE DRAWING NO. 498413

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606884	SUND 75CC ECLIPSE PUMP B-MT	57	1	504702	CLOSE NIPPLE .75NPT
2	2	610030	SUND WHL MTR EXTEN SHAFT 18	58	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
3	1	606894	SUND GEAR PUMP 3.40CI SPLINED	59	1	501102	1/4 PIPE PLUG
4	1	618606	OIL COOLER, BLISSFIELD 65027	60	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
5	1	610468	POSITRACTION VLV MOD CONT 20G	61	1	618322	1 5/16MJIC-1MNP ADPTR
6	1	610513	POSITRACTION VLV W/BYPASS 60G	62	1	503820	BLK PIPE TEE .50NPT
7	2	620080	STRG CYL ASSY 1.50 X 6.0 1985	63	5	505213	RED BUSH 1 X 3/4 BLK MAL
8	2	610512	SUND M23 WHL MTR	64	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR
9	2	618598	1 IN 4-BOLT FLG X 1 5/16FOR	65	1	618118	3/4 HOSE BARB-90-1 1/16MOR
10	1	749150	STRG MTR NON-LOAD REACT 1008	66	1	618564	1IN HOSE BARB-90-1 5/16MOR
11	1	605601	GRESEN FILTER 10 MICRON 40GPM	67	3	618314	3/4MJIC UNION
12	1	760097	OIL TANK WLD 8240 1982	68	2	618601	7/8MJIC-1 5/16MOR ADPTR
13	1	605600	MICHIGAN RESERVOIR FILTER	69	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
14	2	605603	LINE SUMP DIFUSER	70	4	618177	1 1/16MJIC UNION
15	1	611052	FILLER BREATHER 3/4NPT	71	2	505005	RED BUSH 1 TO 1/2
16	1	614453	DIPSTICK, 8IN	72	1	618308	1 1/16MJIC-1 5/16MOR ADPTR
17	1	614660	1IN STL TEE WLD 280	73	2	618323	7/8MJIC-45-1/2MNP LBO
18	2	620570	HYD CYL LEG LEVEL 2.00 X 12	74	1	618434	1 1/16MJIC-1MNP ADPTR
19	2	614707	HYD TUBE ASSY,SUND,200 DIESEL	75	1	618575	1FNPT PIPE TEE STL
20	2	615634	12TWM-16FJX-16FJX-123	76	1	618589	7/8MJIC-90-1 5/16MOR LBO
21	2	614665	FRT LEG INNER HYD TUBE ASSY200	77	4	611126	7/8MJIC-7/8MOR ADPTR
22	2	614668	FRT LEG CNTR HYD TUBE ASSY200	78	2	611121	9/16MJIC-1/4MNP ADPTR
23	1	614666	RH FRT LEG HYD TUBE ASSY 200	79	2	618514	9/16FJ SW BRANCH TEE-9/16MJ
24	1	614667	LH FRT LEG HYD TUBE ASSY 200	80	2	611122	9/16MJIC-90-1/4MNP LBO
25	2	618191	1 1/16MJ-90-1 1/16FJ SWIV LBO	81	3	618018	9/16MJIC-1/2MNP ADPTR
26	1	601110	HOSE, 3/4 X 64 2BR RED	82	2	610193	9/16MJIC BLKHD BRANCH TEE
27	1	601314	HOSE, 1 X 81 2 BR RED	83	2	618156	7/8MJIC-90-3/4MNP LBO
28	1	601303	HOSE, 1.00 2BR RED X 29 LG	84	2	505102	PIPE PLUG 1.00NPT SQ HD
29	1	601309	HOSE, 1 X 48 2BR RED	85	1	610300	3/4MJIC-3/4MNP ADPTR
30	1	614388	08C1T-08FJX-08FJX-129	86	1	611147	3/4MJIC-1/2MNP ADPTR
31	1	615614	FRT LEG CYL JUMPER HOSE280 89	87	3	618531	9/16FJIC CAP NUT
32	2	614625	06C1T-06FJX-06FJX-30	88	1	506410	BLK PIPE ST EL 90DEG 1.25NPT
33	2	615451	06C1T-06FJX-08FJX-58	89	1	618311	3/4MJIC UNION TEE
34	4	611204	04C1T-06FJX-06FJX-78	90	3	618482	3/4FJIC-9/16MJIC ADPTR
35	2	614663	04C1T-06FJX-06FJX-16	91	1	618312	1 5/16MOR-1 1/16FOR ADPTR
36	2	614655	08C2AT-10FJX-12FJX90-70	92	1	618535	7/8MJIC-90-1 1/16MOR LBO
37	2	614654	08C2AT-10FJX-12FJX90-60	93	1	618451	3/4FJIC SW RUN TEE-3/4MJIC
38	2	614656	08C2AT-10FJX-10FJX-118	94	1	618075	3/4 HOSE BARB-1 1/16MOR
39	2	614657	08C2AT-10FJX-10FJX-125	95	1	611128	7/8MJIC-90-7/8MOR LBO
40	1	614549	06C1T-06FJX-06FJX-140	96	1	606891	SUND GEAR PMP .52CI SPLINED
41	1	615449	06C1T-06FJX-06FJX-126	97	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
42	2	611159	3/4MOR PLUG	98	1	618596	1 5/8MOR-1 1/4FNPT ADPTR
43	6	618496	9/16MJIC-45-3/4MOR LBO	99	1	507026	1 1/4MNP HEX PIPE NIPPLE STL
44	4	618302	1 1/16MJIC-90-1 5/16MOR LBO	100	1	506701	SIDE OUTLET EL 90DEG 1.25NPT
45	2	618315	3/4MJIC-45-3/4MOR LBO	101	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
46	2	618599	1 5/16MOR BRANCH TEE-1 5/16MJ	102	1	506205	1 1/4 TO 1 RED BUSH BLK MAL
47	1	615465	08C1T-08FJX-08FJX-33	103	2	505201	CLOSE NIPPLE 1.00NPT
48	5	505200	BLK PIPE ST EL 90DEG 1.00NPT	104	3	505101	BLK PIPE TEE 1.00NPT
49	1	715664	1 1/4 NPT X 1 HOSE BARB	105	2	610305	3/4MJIC-90-3/4MNP LBO
50	4	714560	1NPT X 1 HOSE BARB	106	1	716000	3/4 HOSE BARB-90-1MNP
51	1	714331	1 NPT X 3/4 HOSE BARB	107	1	601311	HOSE, 3/4 X 8 2BR RED
52	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2	108	2	618126	9/16MJIC-9/16MOR ADPTR
53	1	506303	BLK PIPE EL 90DEG 1.25NPT	109	1	618609	3/4MJIC-90-3/4FJIC SWIV LBO
54	6	505300	BLK PIPE EL 90DEG 1.00NPT	110	1	614662	08C1T-08FJX-08FJX-72
55	3	505203	BLK PIPE NIPPLE 1.00NPT-4.00	111	1	505105	H/A 1MNP HEX PIPE NIPPLE STL
56	1	504955	BLK PIPE TEE .75NPT				



200 4R ROLLER 2L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498372

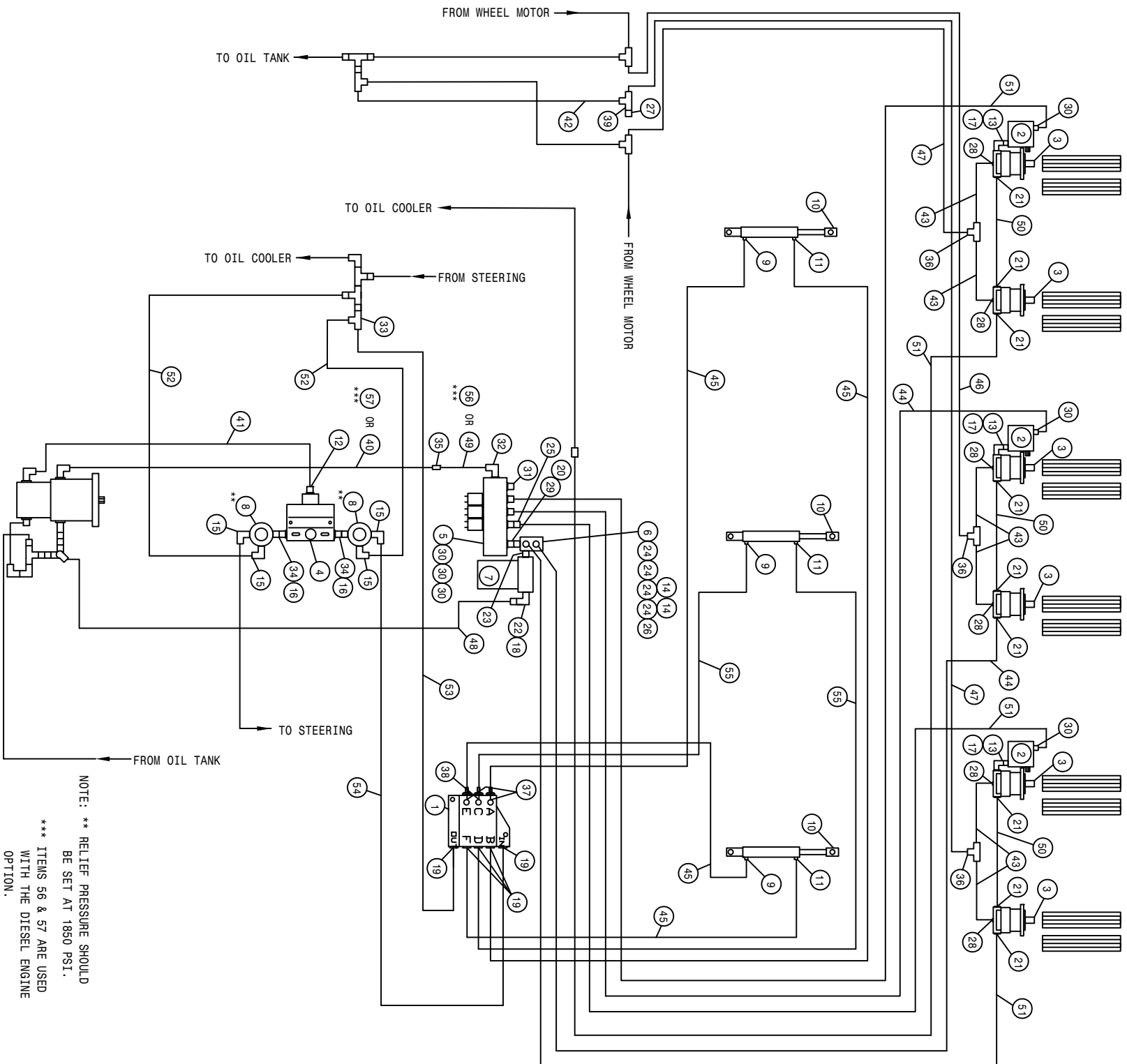
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	27	2	618072	7/8MOR-1/2FNPT ADPTR
2	2	610528	PRESS COMP FIXED FLO REG 11G	*28	1	618531	9/16FJIC CAP NUT
3	4	610510	CESSNA GEAR MOTOR 1.48CI	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
4	1	607504	FLO DIR B50 2-8GPM 7/8 FOR	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	31	2	610186	1 1/16MOR PLUG
*6	1	614633	HYD MANIF 8200 86	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	33	1	618486	9/16FJIC Sw RUN TEE-9/16MJIC
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
9	2	614649	RESTRICTOR ASSY 1-WAY	*35	1	618577	1 5/16MJIC UNION
10	2	620900	CYL ASSY CC2016 D00 SRG 180	36	1	611126	7/8MJIC-7/8MOR ADPTR
11	2	618019	9/16MJIC UNION TEE	37	4	618107	9/16MJIC-90-1 1/2MNPT LBO
12	2	611122	9/16MJIC-90-1 1/4MNPT LBO	38	6	618474	3/4MJIC-90-1 1/16MOR LBO
13	2	618578	1 1/16FJIC SWIV-1 1/16MOR	39	4	614689	08C1T-08FJX-08FJX-120
14	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*40	2	616042	04C1T-06FJX-06FJX-13
15	4	611121	9/16MJIC-1/4MNPT ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45
16	2	618119	9/16MJIC-90-9/16MOR LBO	*42	1	615616	04C1T-06FJX-06FJX-65
17	2	618248	1 1/16MJIC-90-1 1/16MOR LBO	*43	4	614687	HYD TUBE ASSY SUND AUX 200 90
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	44	4	614101	04C1T-06FJX-06FJX-133
19	4	618126	9/16MJIC-9/16MOR ADPTR	45	4	616027	04C1T-06FJX-06FJX-39
*20	1	618587	1 5/16FJIC SWIV-1MNPT	46	1	614664	10C1T-10FJX-10FJX-98
*21	3	618532	3/4FJIC CAP NUT	47	2	614639	04C1T-06FJX-06FJX-126
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*49	1	614348	16C2AT-16FJX-16FJX-25
24	2	610185	9/16MOR PLUG	50	2	616058	08C1T-08FJX-08FJX-80
*25	4	611145	3/4MJIC-90-1/2MNPT LBO	*51	1	614350	16C2AT-16FJX-16FJX-55
*26	1	503700	PIPE PLUG .50NPT SQ HD	*52	1	614703	HYD TUBE ASSY, 200 MAIN



NOTE: * ITEMS 44 & 52 ARE USED WITH THE CHRYSLER ENGINE OPTION.
 ** RELIEF PRESSURE SHOULD BE SET AT 1850 PSI.
 *** ITEMS 58 & 35 ARE USED WITH THE CUMMINS ENGINE OPTION.
 **** ITEMS 58 & 60 ARE USED WITH THE GMC ENGINE OPTION.

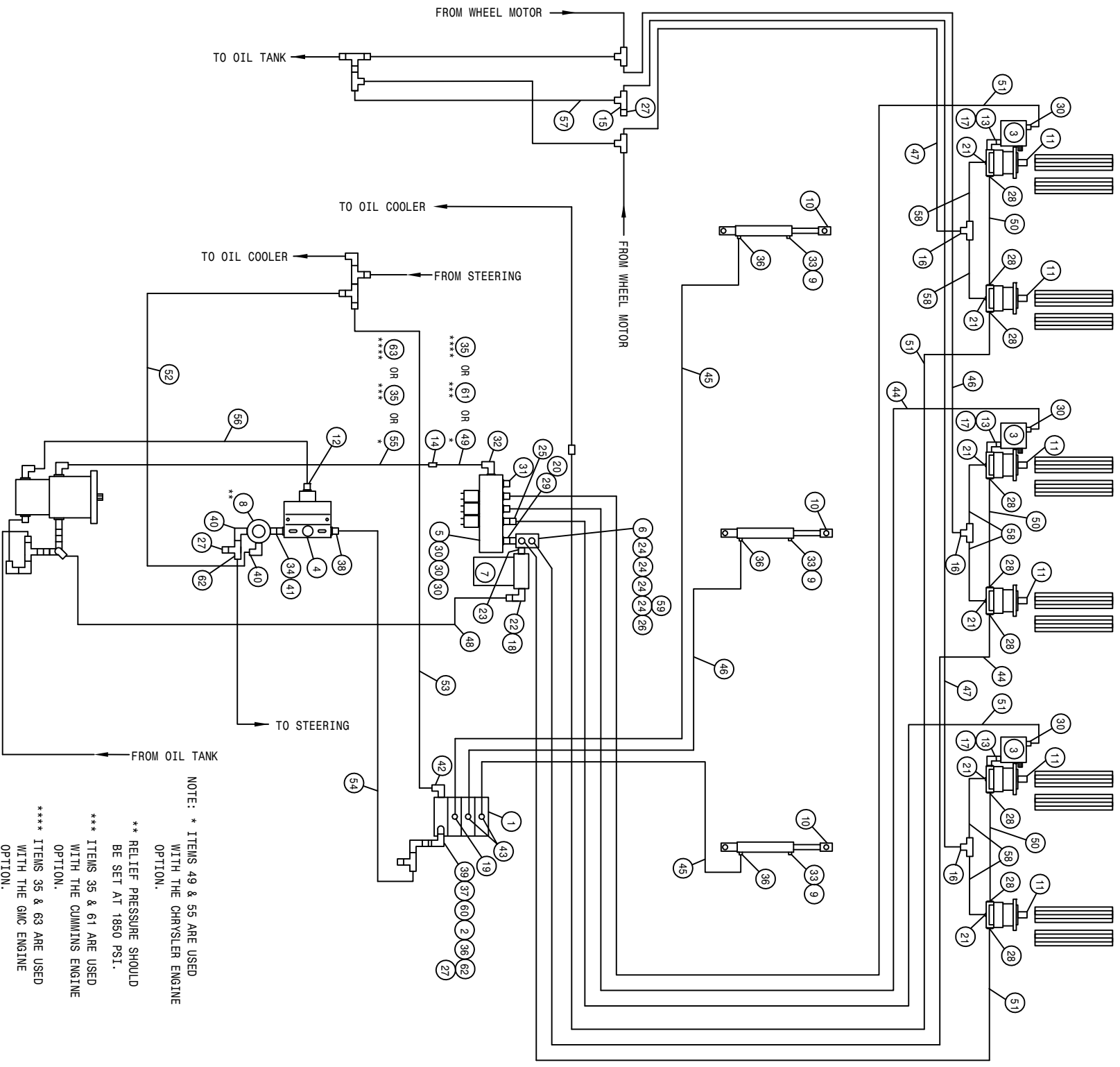
200 4R ROLLER 2L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498373

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	31	2	610186	1 1/16MOR PLUG
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
3	2	610528	PRESS COMP FIXED FLO REG 11G	33	2	501452	ST EL 90DEG .25NPT, STEEL,PLT
* 4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*35	1	614703	HYD TUBE ASSY, 200 MAIN
* 6	1	614633	HYD MANIF 8200 86	36	1	618170	3/4MOR-9/16FOR ADPTR
* 7	1	605601	GRESSEN FILTER 10 MICRON 40GPM	37	1	618119	9/16MJIC-90-9/16MOR LBO
* 8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*38	1	618310	9/16MJIC-7/8MOR ADPTR
9	2	470114	BREATHER FILTER VENT, 1/4 NPT	39	1	618600	9/16MJIC-90-7/8MOR LBO
10	2	620900	CYL ASSY CC2016 D00 SRG 180	*40	2	618107	9/16MJIC-90-1/2MNPT LBO
11	4	610510	CESSNA GEAR MOTOR 1.48CI	*41	1	618072	7/8MOR-1/2FNPT ADPTR
*12	1	611126	7/8MJIC-7/8MOR ADPTR	*42	1	614627	06C1T-06FJX-06FJX-45
13	2	618578	1 1/16FJIC SWIV-1 1/16MOR	*43	1	615616	04C1T-06FJX-06FJX-65
14	1	610185	9/16MOR PLUG	*44	1	614687	HYD TUBE ASSY SUND AUX 200 90
15	2	618019	9/16MJIC UNION TEE	*45	1	614664	10C1T-10FJX-10FJX-98
16	4	611121	9/16MJIC-1/4MNPT ADPTR	46	2	614639	04C1T-06FJX-06FJX-126
17	2	618248	1 1/16MJIC-90-1 1/16MOR LBO	47	4	616027	04C1T-06FJX-06FJX-39
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	48	4	614689	08C1T-08FJX-08FJX-120
19	1	618425	9/16MJIC-45-9/16MOR LBO	49	2	614101	04C1T-06FJX-06FJX-133
*20	1	618587	1 5/16FJIC SWIV-1MNPT	50	2	616058	08C1T-08FJX-08FJX-80
21	6	618474	3/4MJIC-90-1 1/16MOR LBO	*51	1	616042	04C1T-06FJX-06FJX-13
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*52	1	614348	16C2AT-16FJX-16FJX-25
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*53	1	601289	HOSE, 1 1/4 X 144 2BR RED
*24	1	618577	1 5/16MJIC UNION	54	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
*25	4	611145	3/4MJIC-90-1/2MNPT LBO	*55	2	618532	3/4FJIC CAP NUT
*26	1	503700	PIPE PLUG .50NPT SQ HD	*56	3	618531	9/16FJIC CAP NUT
27	3	611122	9/16MJIC-90-1/4MNPT LBO	57	1	618608	9/16FJIC SWIV-1/4MNPT
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*58	1	614350	16C2AT-16FJX-16FJX-55
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*59	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
30	4	618469	3/4MJIC-1 1/16MOR ADPTR	*60	1	614719	HYD TUBE ASSY, AUX 204 GMC 96



200 6R ROLLER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498374

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	30	6	618469	3/4MJIC-1 1/16MOR ADPTR
2	3	610528	PRESS COMP FIXED FLO REG 11G	31	1	610186	1 1/16MOR PLUG
3	6	610510	CESSNA GEAR MOTOR 1.48CI	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	33	1	618486	9/16FJIC SW RUP TEE-9/16MJIC
5	1	610467	MODULAR MTR CONTROL ELECT VLV	34	2	500000	1/2MNPPT HEX PIPE NIPPLE STL
* 6	1	614633	HYD MANIF 8200 86	*35	1	618577	1 5/16MJIC UNION
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	36	3	618019	9/16MJIC UNION TEE
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	37	2	618119	9/16MJIC-90-9/16MOR LBO
9	3	614649	RESTRICTOR ASSY 1-WAY	38	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
10	3	620900	CYL ASSY CG2016 D00 SRG 180	39	1	610193	9/16MJIC BLKHD BRANCH TEE
11	3	611122	9/16MJIC-90-1/4MNPPT LBO	*40	1	614687	HYD TUBE ASSY SUND AUX 200 90
12	1	611126	7/8MJIC-7/8MOR ADPTR	*41	1	614664	10C1T-10F3X-10F3X-98
13	3	618578	1 1/16FJIC SWIV-1 1/16MOR	42	1	616026	04C1T-06F3X-06F3X-37
*14	2	618532	3/4FJIC CAP NUT	43	6	616027	04C1T-06F3X-06F3X-39
15	4	618107	9/16MJIC-90-1/2MNPPT LBO	44	2	614688	08C1T-08F3X-08F3X-108
16	2	618072	7/8MOR-1/2FNPT ADPTR	45	4	611212	04C1T-06F3X-06F3X-164
17	3	618248	1 1/16MJIC-90-1 1/16MOR LBO	46	1	614077	04C1T-06F3X-06F3X-88
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	47	2	611210	04C1T-06F3X-06F3X-156
19	5	618126	9/16MJIC-9/16MOR ADPTR	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*20	1	618587	1 5/16FJIC SWIV-1MNPPT	*49	1	614348	16C2AT-16F3X-16F3X-25
21	9	618474	3/4MJIC-90-1 1/16MOR LBO	50	3	616058	08C1T-08F3X-08F3X-80
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	51	4	614690	08C1T-08F3X-08F3X-192
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*52	2	616042	04C1T-06F3X-06F3X-13
*24	4	611145	3/4MJIC-90-1/2MNPPT LBO	*53	1	614627	06C1T-06F3X-06F3X-45
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*54	1	615616	04C1T-06F3X-06F3X-65
*26	1	503700	PIPE PLUG .50NPT SQ HD	55	2	611208	04C1T-06F3X-06F3X-98
*27	1	618531	9/16FJIC CAP NUT	*56	1	614703	HYD TUBE ASSY, 200 MAIN
28	6	611121	9/16MJIC-1/4MNPPT ADPTR	*57	1	614350	16C2AT-16F3X-16F3X-55
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR				H/A



NOTE: * ITEMS 49 & 55 ARE USED WITH THE CHRYSLER ENGINE OPTION.

** RELIEF PRESSURE SHOULD BE SET AT 1850 PSI.

*** ITEMS 35 & 61 ARE USED WITH THE CUMMINS ENGINE OPTION.

**** ITEMS 35 & 63 ARE USED WITH THE GMC ENGINE OPTION.

200 6R ROLLER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498375

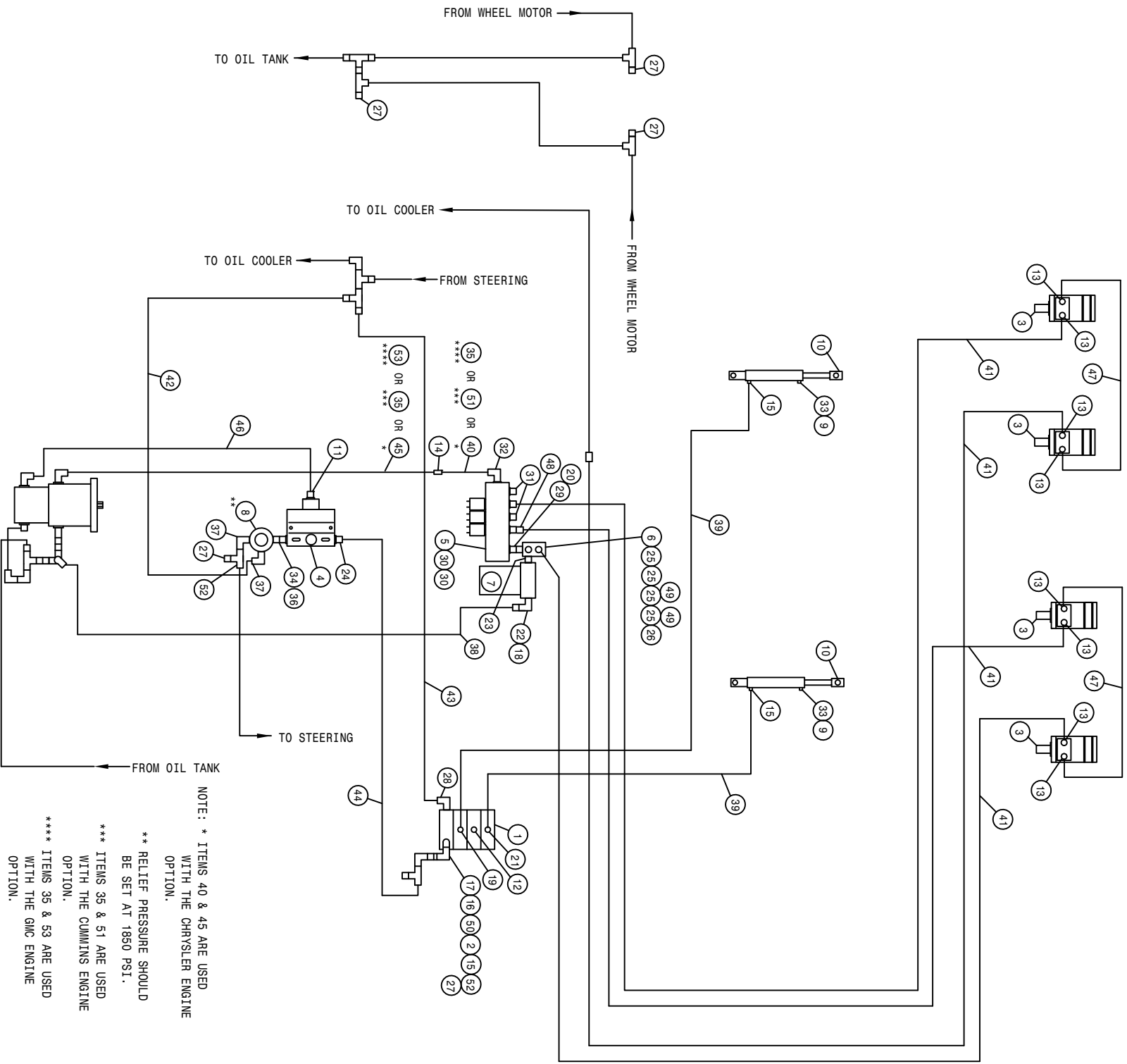
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	33	3	501452	ST EL 90DEG .25NPT, STEEL,PLT
2	1	610447	HYD FILTER,INLINE 1/4FNPT 90M	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
3	3	610528	PRESS COMP FIXED FLO REG 11G	*35	1	614350	16C2AT-16FJX-16FJX-55 H/A
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	36	4	611122	9/16MJIC-90-1/4MNPT LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	37	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
*6	1	614633	HYD MANIF 8200 86	*38	1	618310	9/16MJIC-7/8MOR ADPTR
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	39	1	618170	3/4MOR-9/16FOR ADPTR
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*40	2	618107	9/16MJIC-90-1/2MNPT LBO
9	3	470114	BREATHER FILTER VENT, 1/4 NPT	*41	1	618072	7/8MOR-1/2FNPT ADPTR
10	3	620900	CYL ASSY CC2016 D00 SRG 180	42	1	618600	9/16MJIC-90-7/8MOR LBO
11	6	610510	CESSNA GEAR MOTOR 1.48CI	43	2	618119	9/16MJIC-90-9/16MOR LBO
*12	1	611126	7/8MJIC-7/8MOR ADPTR	44	2	614688	08C1T-08FJX-08FJX-108 H/A
13	3	618578	1 1/16FJIC SWIV-1 1/16MOR	45	2	614101	04C1T-06FJX-06FJX-133 H/A
*14	1	618577	1 5/16MJIC UNION	46	2	614077	04C1T-06FJX-06FJX-88 H/A
15	1	610193	9/16MJIC BLKHD BRANCH TEE	47	2	611210	04C1T-06FJX-06FJX-156 H/A
16	3	618019	9/16MJIC UNION TEE	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
17	3	618248	1 1/16MJIC-90-1 1/16MOR LBO	*49	1	614348	16C2AT-16FJX-16FJX-25 H/A
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	50	3	616058	08C1T-08FJX-08FJX-80 H/A
19	1	618425	9/16MJIC-45-9/16MOR LBO	51	4	614690	08C1T-08FJX-08FJX-192 H/A
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*52	1	616042	04C1T-06FJX-06FJX-13 H/A
21	6	611121	9/16MJIC-1/4MNPT ADPTR	*53	1	614627	06C1T-06FJX-06FJX-45 H/A
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*54	1	615616	04C1T-06FJX-06FJX-65 H/A
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*55	1	614687	HYD TUBE ASSY SUND AUX 200 90
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*56	1	614664	10C1T-10FJX-10FJX-98 H/A
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	57	1	616026	04C1T-06FJX-06FJX-37 H/A
*26	1	503700	PIPE PLUG .50NPT SQ HD	58	6	616027	04C1T-06FJX-06FJX-39 H/A
*27	3	618531	9/16FJIC CAP NUT	*59	1	618532	3/4FJIC CAP NUT
28	9	618474	3/4MJIC-90-1 1/16MOR LBO	60	1	618608	9/16FJIC SWIV-1/4MNPT
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*61	1	614703	HYD TUBE ASSY, 200 MAIN 92
30	6	618469	3/4MJIC-1 1/16MOR ADPTR	*62	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
31	1	610186	1 1/16MOR PLUG	*63	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO				

200 8R ROLLER 4L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498376

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610613	ELECT HYD STACT VLV, 4 SECT	33	4	501452	ST EL 90DEG .25NPT, STEEL,PLT
2	1	610447	HYD FILTER,INLINE 1/4FNPT 90M	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
3	4	610528	PRESS COMP FIXED FLO REG 11G	*35	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
* 4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	36	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	37	1	618170	3/4MOR-9/16FOR ADPTR
* 6	1	614633	HYD MANIF 8200 86	*38	1	618310	9/16MJIC-7/8MOR ADPTR
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	39	1	618119	9/16MJIC-90-9/16MOR LBO
* 8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*40	2	618107	9/16MJIC-90-1/2MNPT LBO
9	4	470114	BREATHER FILTER VENT, 1/4 NPT	*41	1	618072	7/8MOR-1/2FNPT ADPTR
10	4	620900	CYL ASSY CC2016 D00 SRG 180	42	1	618600	9/16MJIC-90-7/8MOR LBO
11	8	610510	CESSNA GEAR MOTOR 1.48CT	43	4	614689	08C1T-08F3X-08F3X-120
*12	1	611126	7/8MJIC-7/8MOR ADPTR	44	2	614101	04C1T-06F3X-06F3X-133
13	4	618578	1 1/16F3JC SWIV-1 1/16MOR	45	2	611246	04C1T-06F3X-06F3X-174
14	1	610193	9/16MJIC BLKHD BRANCH TEE	46	2	611262	04C1T-06F3X-06F3X-182
15	4	618019	9/16MJIC UNION TEE	*47	1	614348	16C2AT-16F3X-16F3X-.25
16	8	611121	9/16MJIC-1/4MNPT ADPTR	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
17	4	618248	1 1/16MJIC-90-1 1/16MOR LBO	49	4	616058	08C1T-08F3X-08F3X-80
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	50	4	614691	08C1T-08F3X-08F3X-220
19	2	618425	9/16MJIC-45-9/16MOR LBO	*51	1	616042	04C1T-06F3X-06F3X-13
*20	1	618587	1 5/16F3JC SWIV-1MNPT	*52	1	615616	04C1T-06F3X-06F3X-65
21	12	618474	3/4MJIC-90-1 1/16MOR LBO	*53	1	614627	06C1T-06F3X-06F3X-45
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	54	2	614639	04C1T-06F3X-06F3X-126
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*55	1	614687	HYD TUBE ASSY SUND AUX 200 90
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*56	1	614664	10C1T-10F3X-10F3X-98
25	2	618590	3/4MJIC-45-3/4F3JC SWIV LBO	57	1	616026	04C1T-06F3X-06F3X-37
*26	1	503700	PIPE PLUG .50NPT SQ HD	58	8	616027	04C1T-06F3X-06F3X-39
27	1	618126	9/16MJIC-9/16MOR ADPTR	59	1	618608	9/16F3JC SWIV-1/4MNPT
28	5	611122	9/16MJIC-90-1/4MNPT LBO	*60	1	614703	HYD TUBE ASSY, 200 MAIN
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*61	1	614350	16C2AT-16F3X-16F3X-.55
30	8	618469	3/4MJIC-1 1/16MOR ADPTR	*62	2	618486	9/16F3JC SW RUN TEE-9/16MJIC
*31	1	618577	1 5/16MJIC UNION	*63	2	618531	9/16F3JC CAP NUT
32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO				

200 4R QUAD 2L W/O T-TROL HYD SCHEM 91
 REFERENCE DRAWING NO. 498377

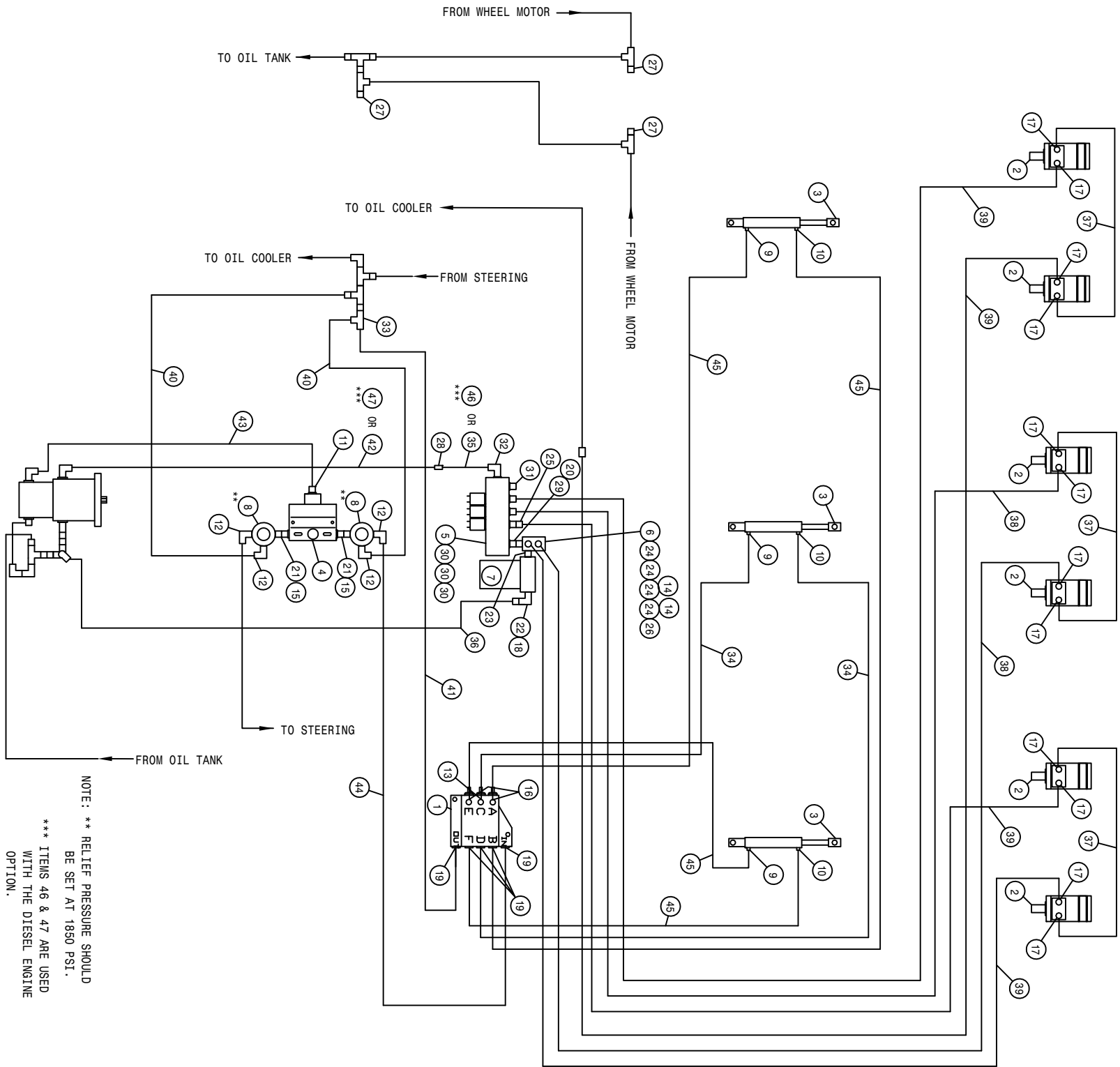
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	*24	1	618577	1 5/16MJIC UNION
2	2	620900	CYL ASSY CC2016 D00 SRG 180	*25	4	611145	3/4MJIC-90-1/2MNP LBO
3	4	610547	HYD MOTOR 4.5CI 1IN SHFT	*26	1	503700	PIPE PLUG .50NPT SQ HD
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*27	3	618531	9/16FJIC CAP NUT
5	1	610467	MODULAR MTR CONTROL ELECT VLV	28	2	610185	9/16MOR PLUG
*6	1	614633	HYD MANIF 8200 86	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	31	2	610186	1 1/16MOR PLUG
9	2	614649	RESTRICTOR ASSY 1-WAY	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
10	2	611122	9/16MJIC-90-1/4MNP LBO	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
11	1	611126	7/8MJIC-7/8MOR ADPTR	*34	1	615616	04C1T-06FJX-06FJX-65
12	2	618119	9/16MJIC-90-9/16MOR LBO	35	4	614101	04C1T-06FJX-06FJX-133
13	2	618072	7/8MOR-1/2FNPT ADPTR	36	4	614689	08C1T-08FJX-08FJX-120
14	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*37	1	614348	16C2AT-16FJX-16FJX-25
*15	3	618532	3/4FJIC CAP NUT	*38	1	601289	HOSE, 1 1/4 X 144 2BR RED
16	2	500000	1/2MNP HEX PIPE NIPPLE STL	39	2	616025	08C1T-08FJX-08FJX-50
17	8	618327	3/4MJIC-7/8MOR ADPTR	*40	1	614687	HYD TUBE ASSY SUND AUX 200 90
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*41	1	614664	10C1T-10FJX-10FJX-98
19	4	618126	9/16MJIC-9/16MOR ADPTR	*42	2	616042	04C1T-06FJX-06FJX-13
*20	1	618587	1 5/16FJIC SWIV-1MNP	*43	1	614627	06C1T-06FJX-06FJX-45
21	4	618107	9/16MJIC-90-1/2MNP LBO	*44	1	614703	HYD TUBE ASSY, 200 MAIN
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*45	1	614350	16C2AT-16FJX-16FJX-55
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL				H/A



NOTE: * ITEMS 40 & 45 ARE USED WITH THE CHRYSLER ENGINE OPTION.
 ** RELIEF PRESSURE SHOULD BE SET AT 1850 PSI.
 *** ITEMS 35 & 51 ARE USED WITH THE CUMMINS ENGINE OPTION.
 **** ITEMS 35 & 53 ARE USED WITH THE GMC ENGINE OPTION.

200 4R QUAD 2L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498378

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	28	1	618600	9/16MJIC-90-7/8MOR LBO
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	4	610547	HYD MOTOR 4.SCI 1IN SHFT	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	2	610186	1 1/16MOR PLUG
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
*6	1	614633	HYD MANIF 8200 86	33	2	501452	ST EL 90DEG .25NPT, STEEL,PLT
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	614350	16C2AT-16FJX-16FJX-55 H/A
9	2	470114	BREATHER FILTER VENT, 1/4 NPT	*36	1	618072	7/8MOR-1/2FNPT ADPTR
10	2	620900	CYL ASSY CC2016 D00 SRG 180	*37	2	618107	9/16MJIC-90-1/2MNPT LBO
*11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	601289	HOSE, 1 1/4 X 144 2BR RED
12	1	610185	9/16MOR PLUG	39	2	614101	04C1T-06FJX-06FJX-133 H/A
13	8	618327	3/4MJIC-7/8MOR ADPTR	*40	1	614348	16C2AT-16FJX-16FJX-25 H/A
*14	1	618577	1 5/16MJIC UNION	41	4	614689	08C1T-08FJX-08FJX-120 H/A
15	3	611122	9/16MJIC-90-1/4MNPT LBO	*42	1	616042	04C1T-06FJX-06FJX-13 H/A
16	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*43	1	614627	06C1T-06FJX-06FJX-45 H/A
17	1	618170	3/4MOR-9/16FOR ADPTR	*44	1	615616	04C1T-06FJX-06FJX-65 H/A
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*45	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	1	618425	9/16MJIC-45-9/16MOR LBO	*46	1	614664	10C1T-10FJX-10FJX-98 H/A
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	2	616025	08C1T-08FJX-08FJX-50 H/A
21	1	618119	9/16MJIC-90-9/16MOR LBO	48	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*49	2	618532	3/4FJIC CAP NUT
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	50	1	618608	9/16FJIC SWIV-1/4MNPT
*24	1	618310	9/16MJIC-7/8MOR ADPTR	*51	1	614703	HYD TUBE ASSY, 200 MAIN 92
*25	4	611145	3/4MJIC-90-1/2MNPT LBO	*52	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
*27	5	618531	9/16FJIC CAP NUT				



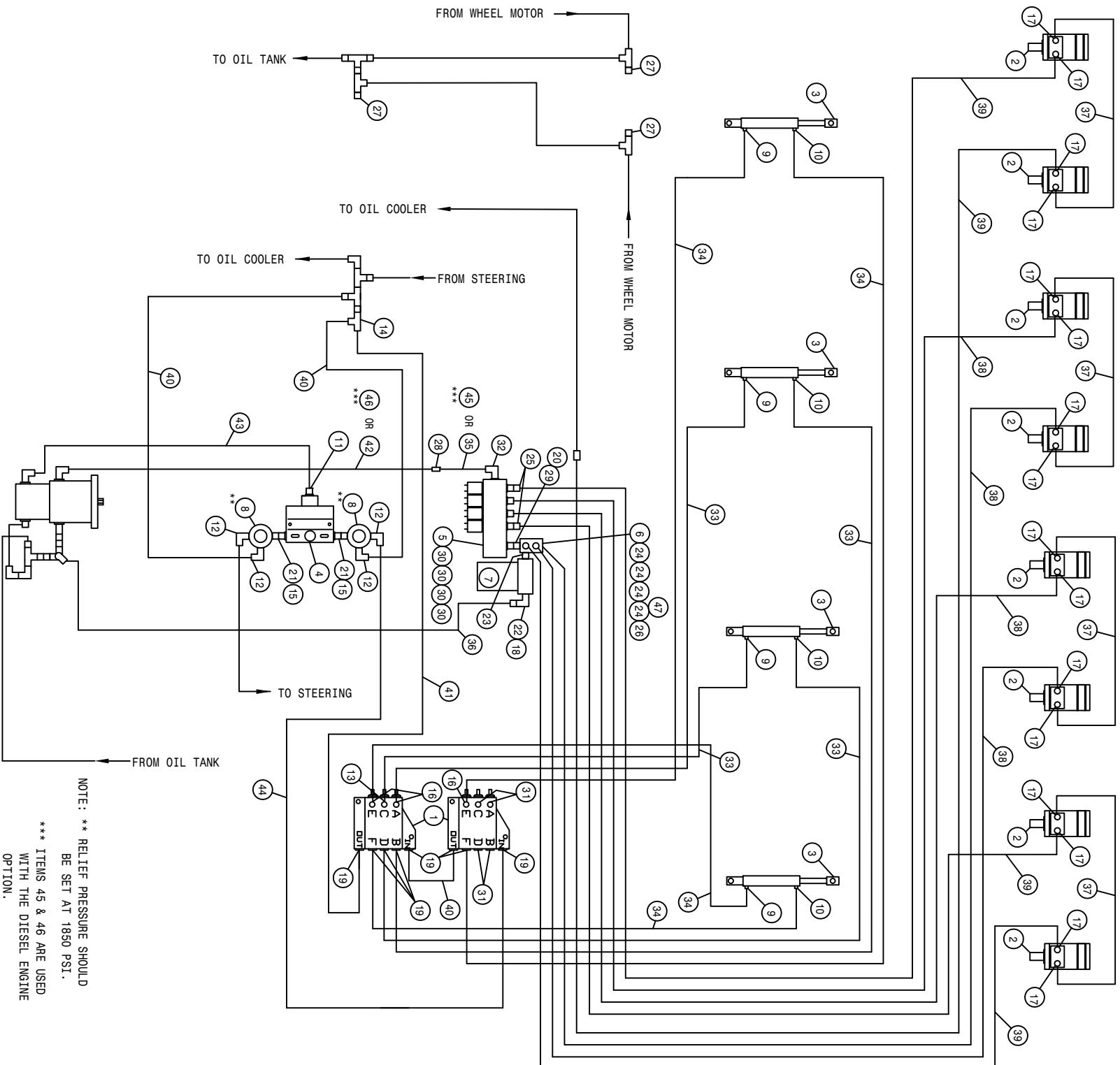
NOTE: ** RELIEF PRESSURE SHOULD
 BE SET AT 1850 PSI.
 *** ITEMS 46 & 47 ARE USED
 WITH THE DIESEL ENGINE
 OPTION.

200 6R QUAD 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498379

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
2	6	610547	HYD MOTOR 4.5CI 1IN SHFT	*26	1	503700	PIPE PLUG .50NPT SQ HD
3	3	620900	CYL ASSY CC2016 DOO SRG 180	*27	3	618531	9/16FJIC CAP NUT
4	1	607512	FLO DIV B50 2-8GPM 7/8 FOR	*28	1	618577	1 5/16MJIC UNION
5	1	610467	MODULAR MTR CONTROL ELECT VLV	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
*6	1	614633	HYD MANIF 8200 86	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
*7	1	605601	GRESN FILTER 10 MICRON 40GPM	31	1	610186	1 1/16MOR PLUG
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
9	3	614649	RESTRICTOR ASSY 1-WAY	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
10	3	611122	9/16MJIC-90-1/4MNPT LBO	34	2	611208	04C1T-06FJX-06FJX-98
11	1	611126	7/8MJIC-7/8MOR ADPTR	*35	1	614348	16C2AT-16FJX-16FJX-25
12	4	618107	9/16MJIC-90-1/2MNPT LBO	*36	1	601289	HOSE, 1 1/4 X 144 2BR RED
13	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	37	3	616025	08C1T-08FJX-08FJX-50
*14	2	618532	3/4FJIC CAP NUT	38	2	614688	08C1T-08FJX-08FJX-108
15	2	618072	7/8MOR-1/2ENPT ADPTR	39	4	614690	08C1T-08FJX-08FJX-192
16	2	618119	9/16MJIC-90-9/16MOR LBO	*40	2	616042	04C1T-06FJX-06FJX-13
17	12	618327	3/4MJIC-7/8MOR ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	5	618126	9/16MJIC-9/16MOR ADPTR	*43	1	614664	10C1T-10FJX-10FJX-98
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*44	1	615616	04C1T-06FJX-06FJX-65
21	2	500000	1/2MNPT HEX PIPE NIPPLE STL	45	4	611212	04C1T-06FJX-06FJX-164
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*46	1	614703	HYD TUBE ASSY, 200 MAIN
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*47	1	614350	16C2AT-16FJX-16FJX-55
*24	4	611145	3/4MJIC-90-1/2MNPT LBO				H/A

200 GR QUAD 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498380

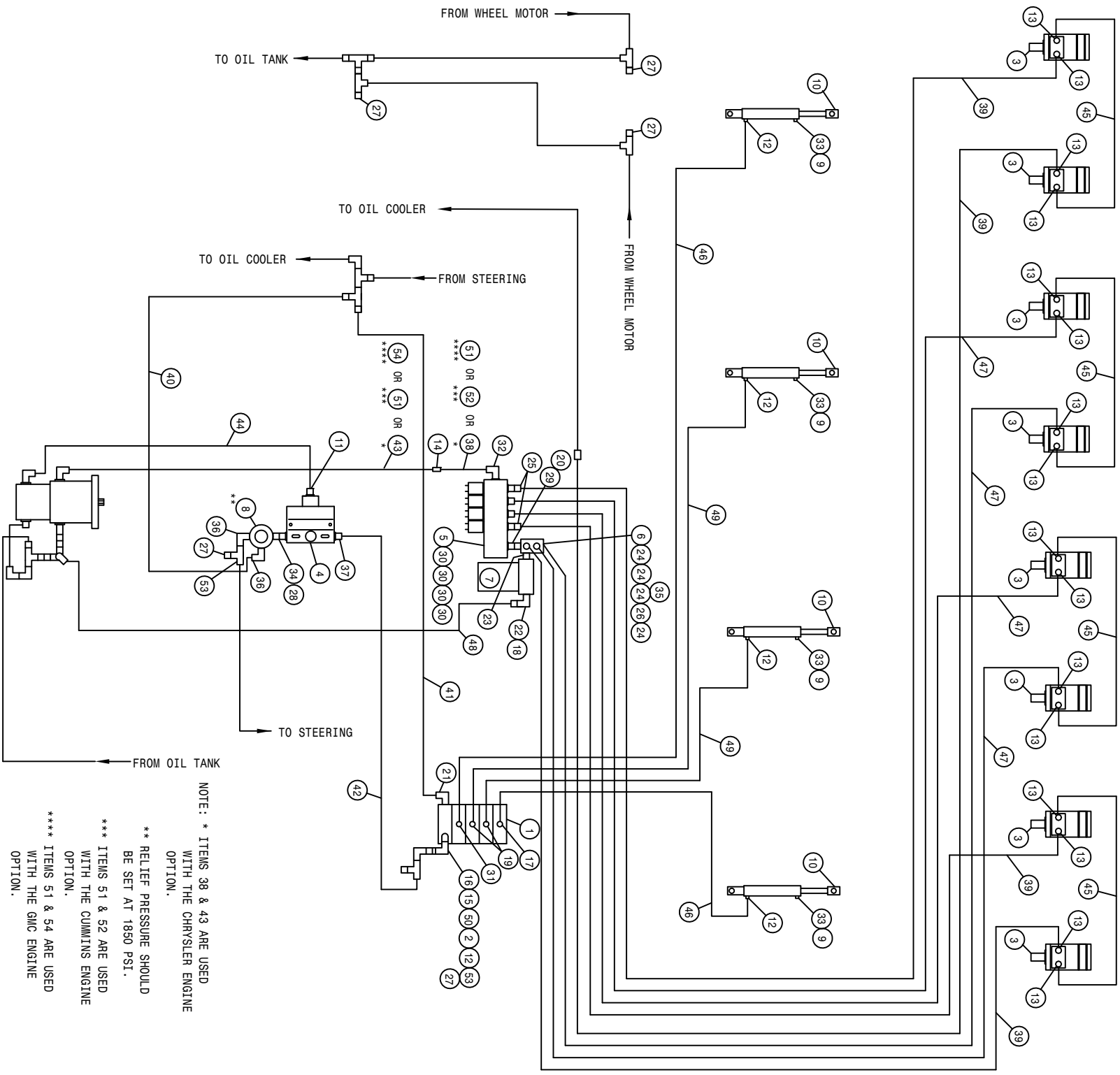
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
	1	610532	ELECT HYD STACK VLV, 3 SECT	*28	1	618072	7/8MOR-1/2ENPT ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	6	610547	HYD MOTOR 4.5CI 1IN SHFT	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	1	610186	1 1/16MOR PLUG
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
*6	1	614633	HYD MANIF 8200 86	33	3	501452	ST EL 90DEG .25NPT, STEEL,PLT
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	614350	16C2AT-16F3X-16F3X-55
9	3	470114	BREATHER FILTER VENT, 1/4 NPT	*36	2	618107	9/16MJIC-90-1/2MNPT LBO
10	3	620900	CYL ASSY CC2016 D00 SRG 180	*37	1	618310	9/16MJIC-7/8MOR ADPTR
*11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	614348	16C2AT-16F3X-16F3X-25
12	4	611122	9/16MJIC-90-1/4MNPT LBO	39	4	614690	08C1T-08F3X-08F3X-192
13	12	618327	3/4MJIC-7/8MOR ADPTR	*40	1	616042	04C1T-06F3X-06F3X-13
*14	1	618577	1 5/16MJIC UNION	*41	1	614627	06C1T-06F3X-06F3X-45
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*42	1	615616	04C1T-06F3X-06F3X-65
16	1	618170	3/4MOR-9/16FOR ADPTR	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
17	2	618119	9/16MJIC-90-9/16MOR LBO	*44	1	614664	10C1T-10F3X-10F3X-98
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	3	616025	08C1T-08F3X-08F3X-50
19	1	618425	9/16MJIC-45-9/16MOR LBO	46	1	614077	04C1T-06F3X-06F3X-88
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	2	614688	08C1T-08F3X-08F3X-108
*21	1	618600	9/16MJIC-90-7/8MOR LBO	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	614101	04C1T-06F3X-06F3X-133
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*50	1	618532	3/4FJIC CAP NUT
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	51	1	618608	9/16FJIC SWIV-1/4MNPT
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	1	614703	HYD TUBE ASSY, 200 MAIN
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*27	5	618531	9/16FJIC CAP NUT	*54	1	614719	HYD TUBE ASSY, AUX 204 GMC 96



NOTE: ** RELIEF PRESSURE SHOULD
 BE SET AT 1850 PSI.
 *** ITEMS 45 & 46 ARE USED
 WITH THE DIESEL ENGINE
 OPTION.

200 8R QUAD 4L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498381

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	2	606585	CESSNA 3SPL VALVE W/O RELIEF	25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO
2	8	610547	HYD MOTOR 4.5CI 1IN SHFT	*26	1	503700	PIPE PLUG .50NPT SQ HD
3	4	620900	CYL ASSY CC2016 D00 SRG 180	*27	3	618531	9/16FJIC CAP NUT
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*28	1	618577	1 5/16MJIC UNION
5	1	610467	MODULAR MTR CONTROL ELECT VLV	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
* 6	1	614633	HYD MANIF 8200 86	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
* 7	1	605601	GRESN FILTER 10 MICRON 40GPM	31	4	610185	9/16MOR PLUG
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
9	4	614649	RESTRICTOR ASSY 1-WAY	33	4	614101	04C1T-06FJX-06FJX-133
10	4	611122	9/16MJIC-90-1/4NPT LBO	34	4	611246	04C1T-06FJX-06FJX-174
11	1	611126	7/8MJIC-7/8MOR ADPTR	*35	1	614348	16C2AT-16FJX-16FJX-25
12	4	618107	9/16MJIC-90-1/2NPT LBO	*36	1	601289	HOSE, 1 1/4 X 144 2BR RED
13	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	37	4	616025	08C1T-08FJX-08FJX-50
14	1	618486	9/16FJIC SW RUN TEE-9/16MJIC	38	4	614689	08C1T-08FJX-08FJX-120
15	2	618072	7/8MOR-1/2FNPT ADPTR	39	4	614691	08C1T-08FJX-08FJX-220
16	3	618119	9/16MJIC-90-9/16MOR LBO	*40	3	616042	04C1T-06FJX-06FJX-13
17	16	618327	3/4MJIC-7/8MOR ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	8	618126	9/16MJIC-9/16MOR ADPTR	*43	1	614664	10C1T-10FJX-10FJX-98
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*44	1	615616	04C1T-06FJX-06FJX-65
21	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*45	1	614703	HYD TUBE ASSY, 200 MAIN
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*46	1	614350	16C2AT-16FJX-16FJX-55
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*47	1	618532	3/4FJIC CAP NUT
*24	4	611145	3/4MJIC-90-1/2MNPT LBO				

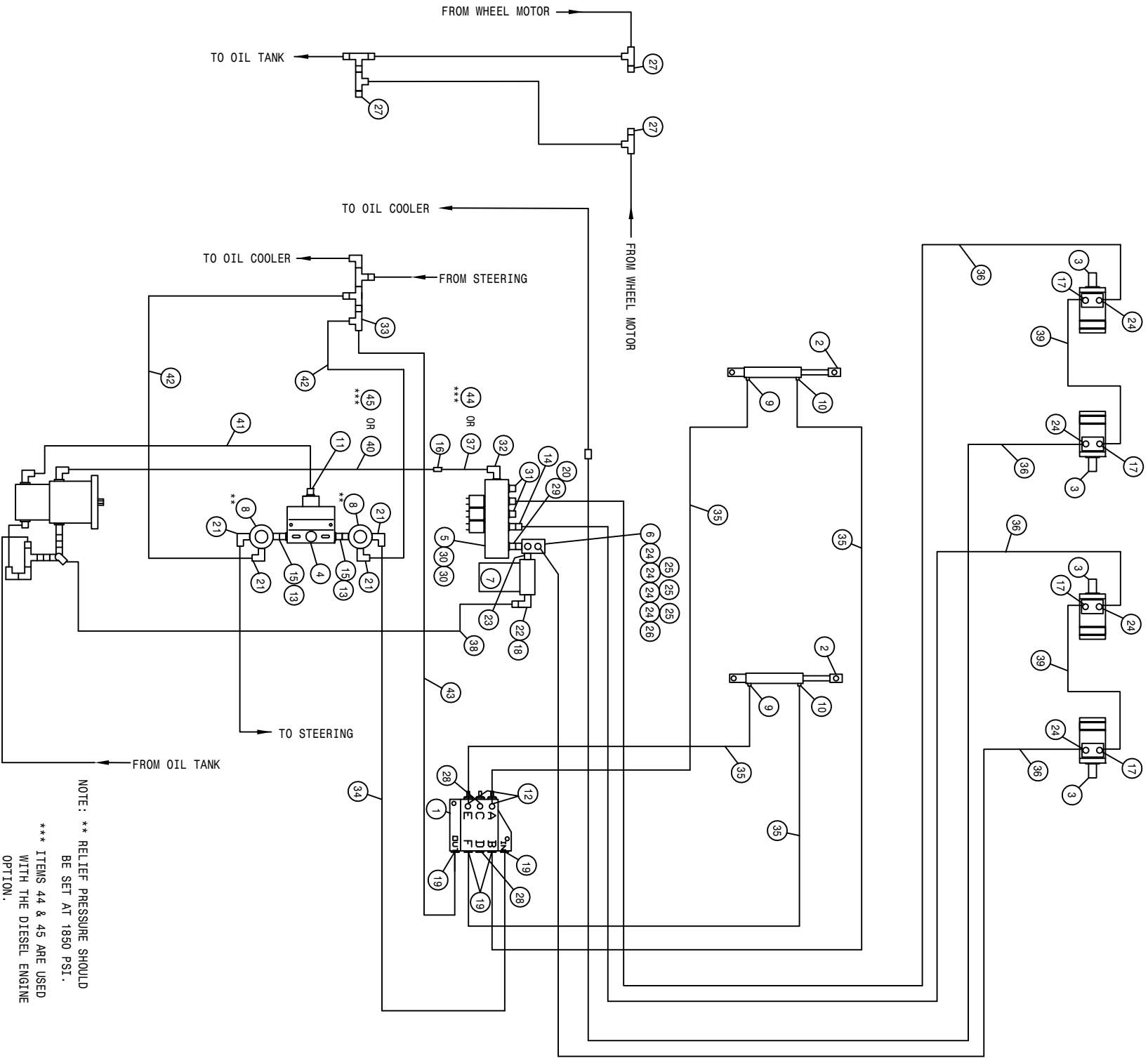


200 8R QUAD 4L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498382

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610613	ELECT HYD STACT VLV, 4 SECT	*28	1	618072	7/8MOR-1/2FNPT ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	8	610547	HYD MOTOR 4.5CI 1IN SHFT	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	1	618126	9/16MJIC-9/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
*6	1	614633	HYD MANIF 8200 86	33	4	501452	ST EL 90DEG .25NPT, STEEL, PLT
*7	1	605601	GRESN FILTER 10 MICRON 40GPM	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	618532	3/4FJIC CAP NUT
9	4	470114	BREATHER FILTER VENT, 1/4 NPT	*36	2	618107	9/16MJIC-90-1/2MNPT LBO
10	4	620900	CYL ASSY CC2016 D00 SRG 180	*37	1	618310	9/16MJIC-7/8MOR ADPTR
*11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	614348	16C2AT-16FJX-16FJX-25
12	5	611122	9/16MJIC-90-1/4MNPT LBO	39	4	614691	08C1T-08FJX-08FJX-220
13	16	618327	3/4MJIC-7/8MOR ADPTR	*40	1	616042	04C1T-06FJX-06FJX-13
*14	1	618577	1 5/16MJIC UNION	*41	1	614627	06C1T-06FJX-06FJX-45
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*42	1	615616	04C1T-06FJX-06FJX-65
16	1	618170	3/4MOR-9/16FOR ADPTR	43	1	614687	HYD TUBE ASSY SUND AUX 200 90
17	1	618119	9/16MJIC-90-9/16MOR LBO	*44	1	614664	10C1T-10FJX-10FJX-98
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	4	616025	08C1T-08FJX-08FJX-50
19	2	618425	9/16MJIC-45-9/16MOR LBO	46	2	611246	04C1T-06FJX-06FJX-174
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	4	614689	08C1T-08FJX-08FJX-120
21	1	618600	9/16MJIC-90-7/8MOR LBO	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	614101	04C1T-06FJX-06FJX-133
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	50	1	618608	9/16FJIC SWIV-1/4MNPT
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*51	1	614350	16C2AT-16FJX-16FJX-55
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	1	614703	HYD TUBE ASSY, 200 MAIN
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*27	5	618531	9/16FJIC CAP NUT	*54	1	614719	HYD TUBE ASSY, AUX 204 GMC 96

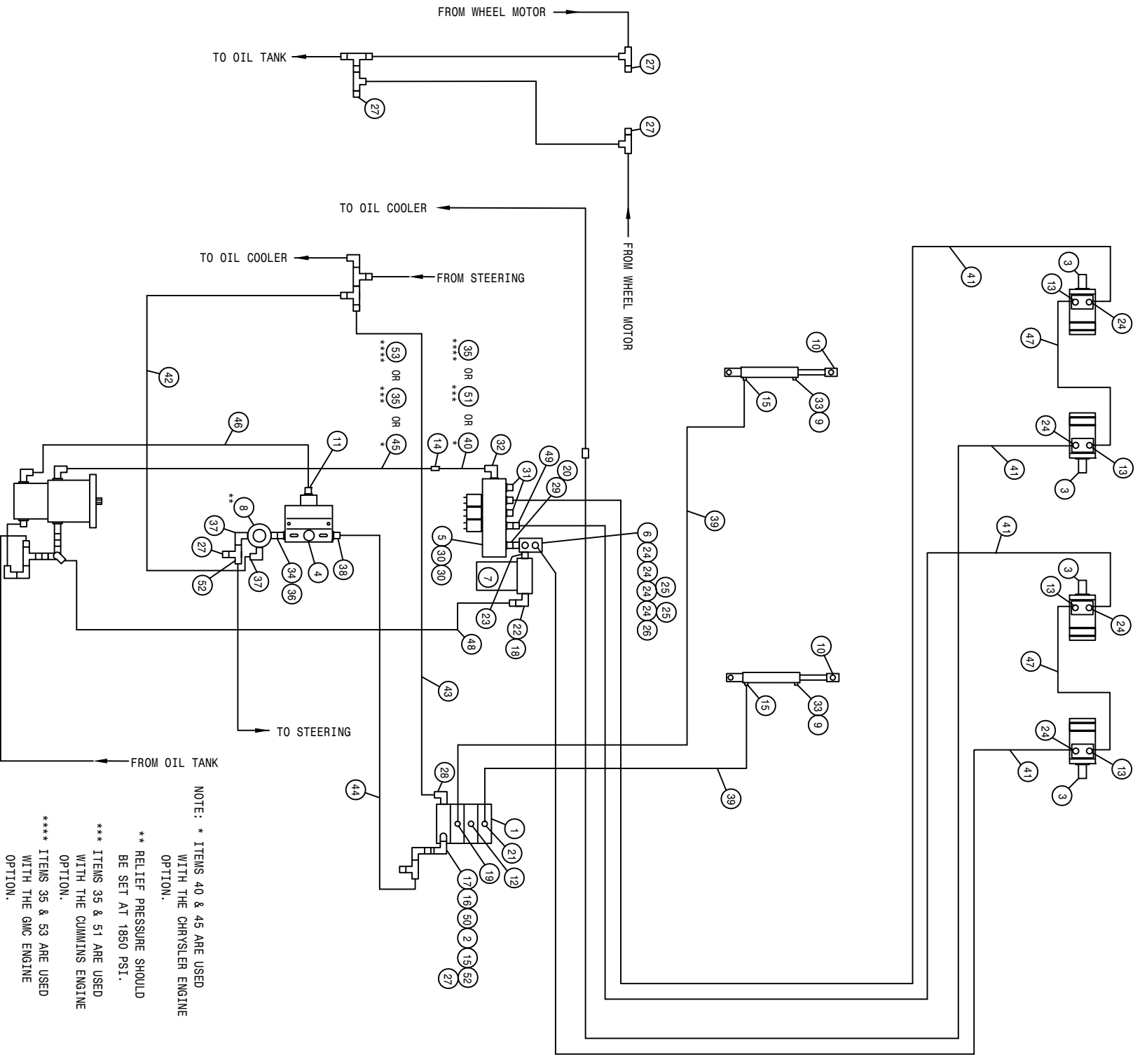
200 12R QUAD 4L W/T-TROL HYD SCHEM 92
REFERENCE DRAWING NO. 498423

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610613	ELECT HYD STACT VLV, 4 SECT	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
3	12	610547	HYD MOTOR 4.5CI 1IN SHFT	31	1	618126	9/16MJIC-9/16MOR ADPTR
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	33	4	501452	ST EL 90DEG .25NPT, STEEL, PLT
*6	1	614633	HYD MANIF 8200 86	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	35	2	614384	08C1T-08FJX-08FJX-237 H/A
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*36	2	618107	9/16MJIC-90-1/2MNPT LBO
9	4	470114	BREATHER FILTER VENT, 1/4 NPT	*37	1	618310	9/16MJIC-7/8MOR ADPTR
10	4	620900	CYL ASSY CC2016 D00 SRG 180	*38	1	614348	16C2AT-16FJX-16FJX-25
*11	1	611126	7/8MJIC-7/8MOR ADPTR	39	2	614375	08C1T-08FJX-08FJX-177 H/A
12	5	611122	9/16MJIC-90-1/4MNPT LBO	*40	1	616042	04C1T-06FJX-06FJX-13 H/A
13	24	618327	3/4MJIC-7/8MOR ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45 H/A
*14	1	618577	1 5/16MJIC UNION	*42	1	615616	04C1T-06FJX-06FJX-65 H/A
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
16	1	618170	3/4MOR-9/16FOR ADPTR	*44	1	614664	10C1T-10FJX-10FJX-98 H/A
17	1	618119	9/16MJIC-90-9/16MOR LBO	45	8	616025	08C1T-08FJX-08FJX-50 H/A
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	46	2	614098	04C1T-06FJX-06FJX-201 H/A
19	2	618425	9/16MJIC-45-9/16MOR LBO	47	2	614378	08C1T-08FJX-08FJX-207 H/A
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
21	1	618600	9/16MJIC-90-7/8MOR LBO	49	2	611202	04C1T-06FJX-06FJX-136 H/A
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	50	1	618608	9/16FJIC SWIV-1/4MNPT
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*51	1	614350	16C2AT-16FJX-16FJX-55 H/A
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*52	1	614703	HYD TUBE ASSY, 200 MAIN 92
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*53	1	618532	3/4FJIC CAP NUT
*26	1	503700	PIPE PLUG .50NPT SQ HD	54	2	614387	08C1T-08FJX-08FJX-267 H/A
*27	5	618531	9/16FJIC CAP NUT	*55	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*28	1	618072	7/8MOR-1/2FNPT ADPTR	*56	1	614719	HYD TUBE ASSY, AUX 204 GMC 96



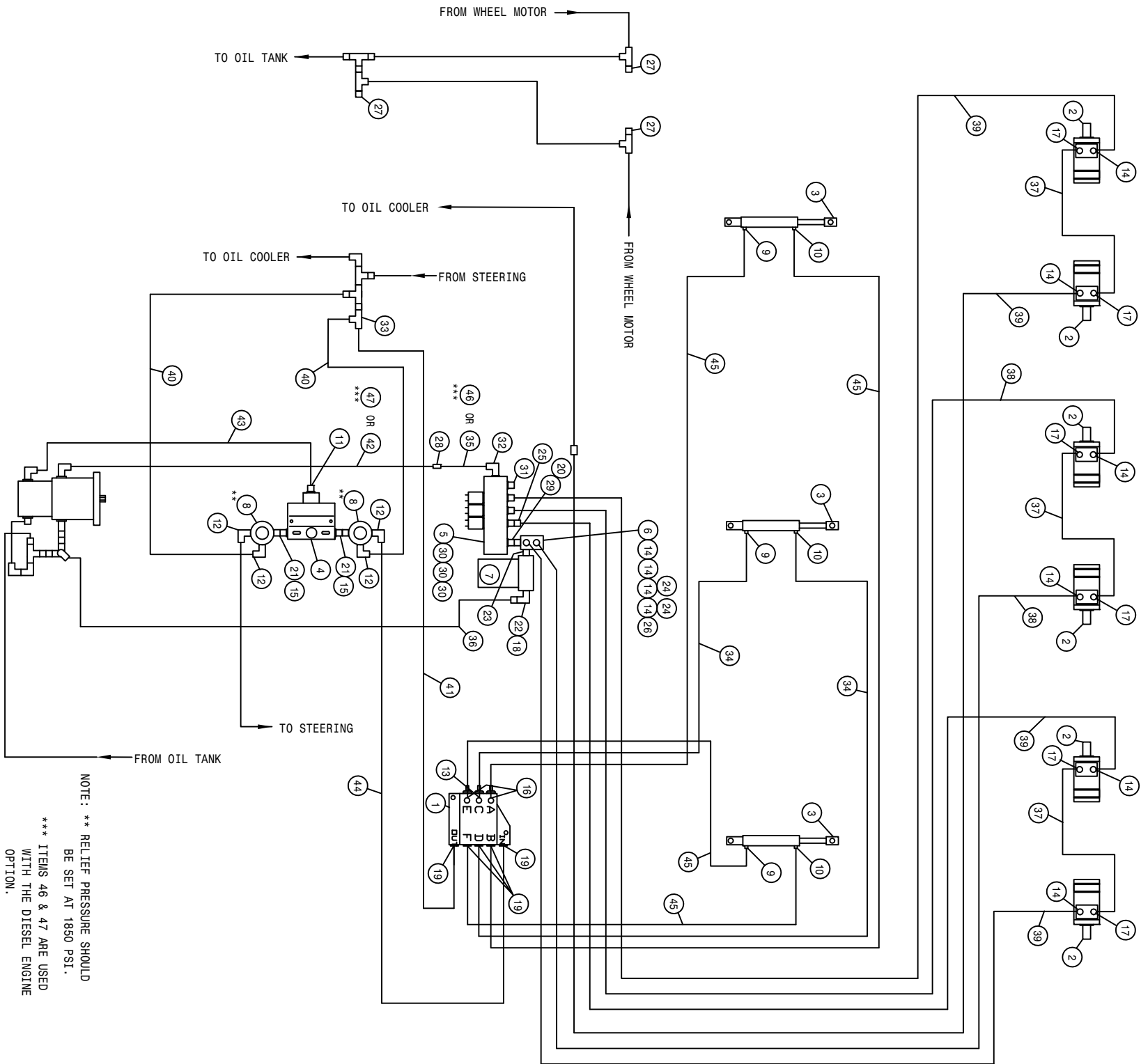
200 4R PULLER 2L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498383

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	*24	8	611145	3/4MJIC-90-1/2MNPT LBO
2	2	620900	CYL ASSY CC2016 D00 SRG 180	*25	3	618532	3/4FJIC CAP NUT
3	4	6074005	ORBIT MOTOR ASE	*26	1	503700	PIPE PLUG .50NPT SQ HD
4	1	607512	FLO DIV B50 2-8GPM 7/8 FOR	*27	3	618531	9/16FJIC CAP NUT
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*28	2	610185	9/16MOR PLUG
*6	1	614633	HYD MANIF 8200 86	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	31	2	610186	1 1/16MOR PLUG
9	2	614649	RESTRICTOR ASSY 1-WAY	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
10	2	611122	9/16MJIC-90-1/4MNPT LBO	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
11	1	611126	7/8MJIC-7/8MOR ADPTR	*34	1	615616	04C1T-06FJX-06FJX-65
12	2	618119	9/16MJIC-90-9/16MOR LBO	35	4	614101	04C1T-06FJX-06FJX-133
13	2	618072	7/8MOR-1/2FNPT ADPTR	36	4	614689	08C1T-08FJX-08FJX-120
14	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*37	1	614348	16C2AT-16FJX-16FJX-25
15	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*38	1	601289	HOSE, 1 1/4 X 144 2BR RED
*16	1	618577	1 5/16MJIC UNION	39	2	614382	08C1T-08FJX-08FJX-40
17	4	611147	3/4MJIC-1/2MNPT ADPTR	*40	1	614687	HYD TUBE ASSY SUND AUX 200 90
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*41	1	614664	10C1T-10FJX-10FJX-98
19	4	618126	9/16MJIC-9/16MOR ADPTR	*42	2	616042	04C1T-06FJX-06FJX-13
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*43	1	614627	06C1T-06FJX-06FJX-45
21	4	618107	9/16MJIC-90-1/2MNPT LBO	*44	1	614703	HYD TUBE ASSY, 200 MAIN
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*45	1	614350	16C2AT-16FJX-16FJX-55
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL				H/A



200 4R PULLER 2L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498384

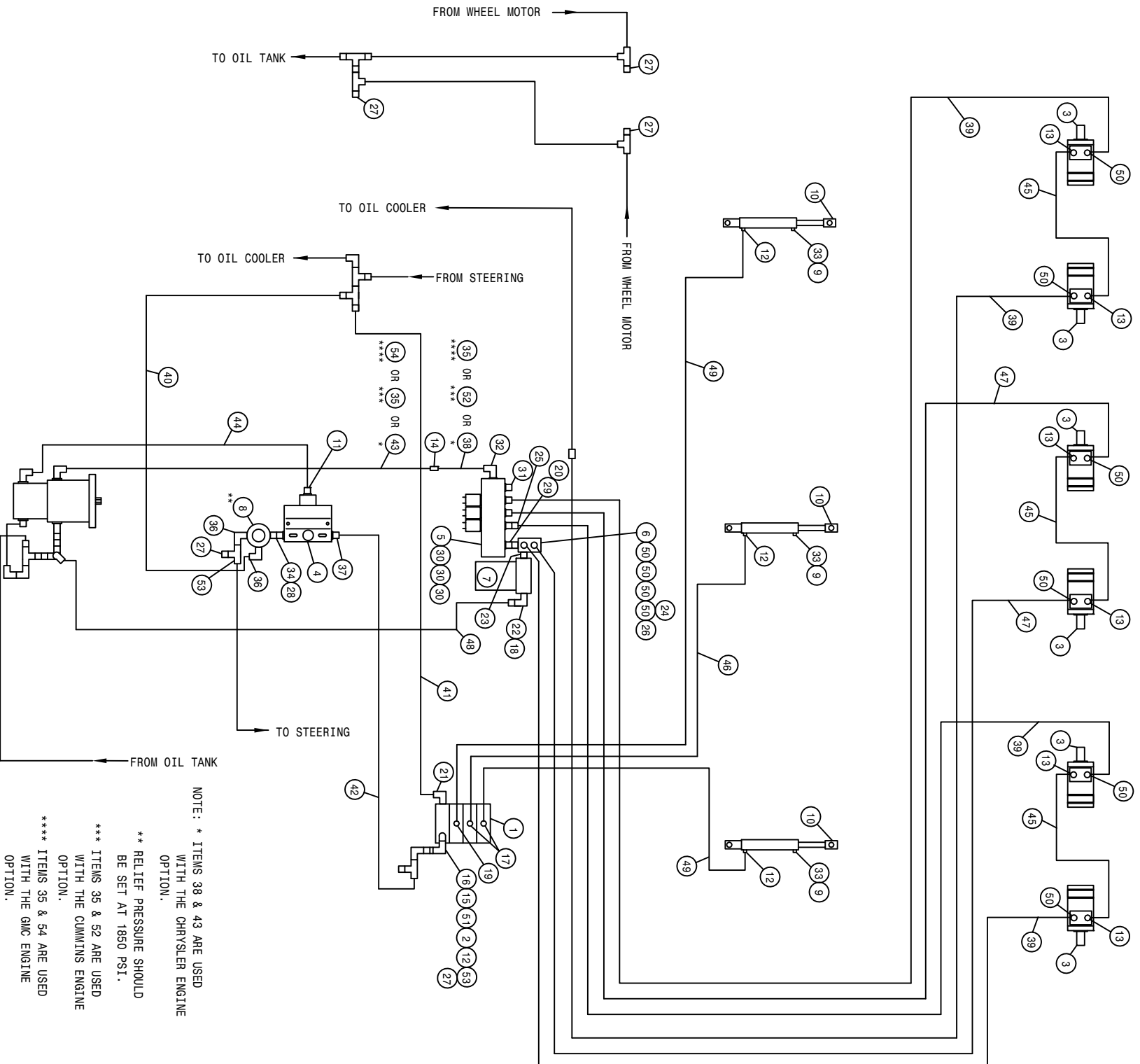
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	28	1	618600	9/16MJIC-90-7/8MOR LBO
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	4	604005	ORBIT MOTOR A5E	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	2	610186	1 1/16MOR PLUG
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
6	1	614633	HYD MANIF 8200 86	33	2	501452	ST EL 90DEG .25NPT, STEEL,PLT
7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	614350	16C2AT-16FJX-16FJX-55
9	2	470114	BREATHER FILTER VENT, 1/4 NPT	*36	1	618072	7/8MOR-1/2FNPT ADPTR
10	2	620900	CYL ASSY CC2016 D00 SRG 180	*37	2	618107	9/16MJIC-90-1/2MNPT LBO
*11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	618310	9/16MJIC-7/8MOR ADPTR
12	1	610185	9/16MOR PLUG	39	2	614101	04C1T-06FJX-06FJX-133
13	4	611147	3/4MJIC-1/2MNPT ADPTR	*40	1	614348	16C2AT-16FJX-16FJX-25
*14	1	618577	1 5/16MJIC UNION	41	4	614689	08C1T-08FJX-08FJX-120
15	3	611122	9/16MJIC-90-1/4MNPT LBO	*42	1	616042	04C1T-06FJX-06FJX-13
16	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*43	1	614627	06C1T-06FJX-06FJX-45
17	1	618170	3/4MOR-9/16FOR ADPTR	*44	1	615616	04C1T-06FJX-06FJX-65
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*45	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	1	618425	9/16MJIC-45-9/16MOR LBO	*46	1	614664	10C1T-10FJX-10FJX-98
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	2	614382	08C1T-08FJX-08FJX-40
21	1	618119	9/16MJIC-90-9/16MOR LBO	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	50	1	618608	9/16FJIC SWIV-1/4MNPT
*24	8	611145	3/4MJIC-90-1/2MNPT LBO	*51	1	614703	HYD TUBE ASSY, 200 MAIN 92
*25	2	618532	3/4FJIC GAP NUT	*52	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
*27	5	618531	9/16FJIC CAP NUT				



NOTE: ** RELIEF PRESSURE SHOULD
 BE SET AT 1850 PSI.
 *** ITEMS 46 & 47 ARE USED
 WITH THE DIESEL ENGINE
 OPTION.

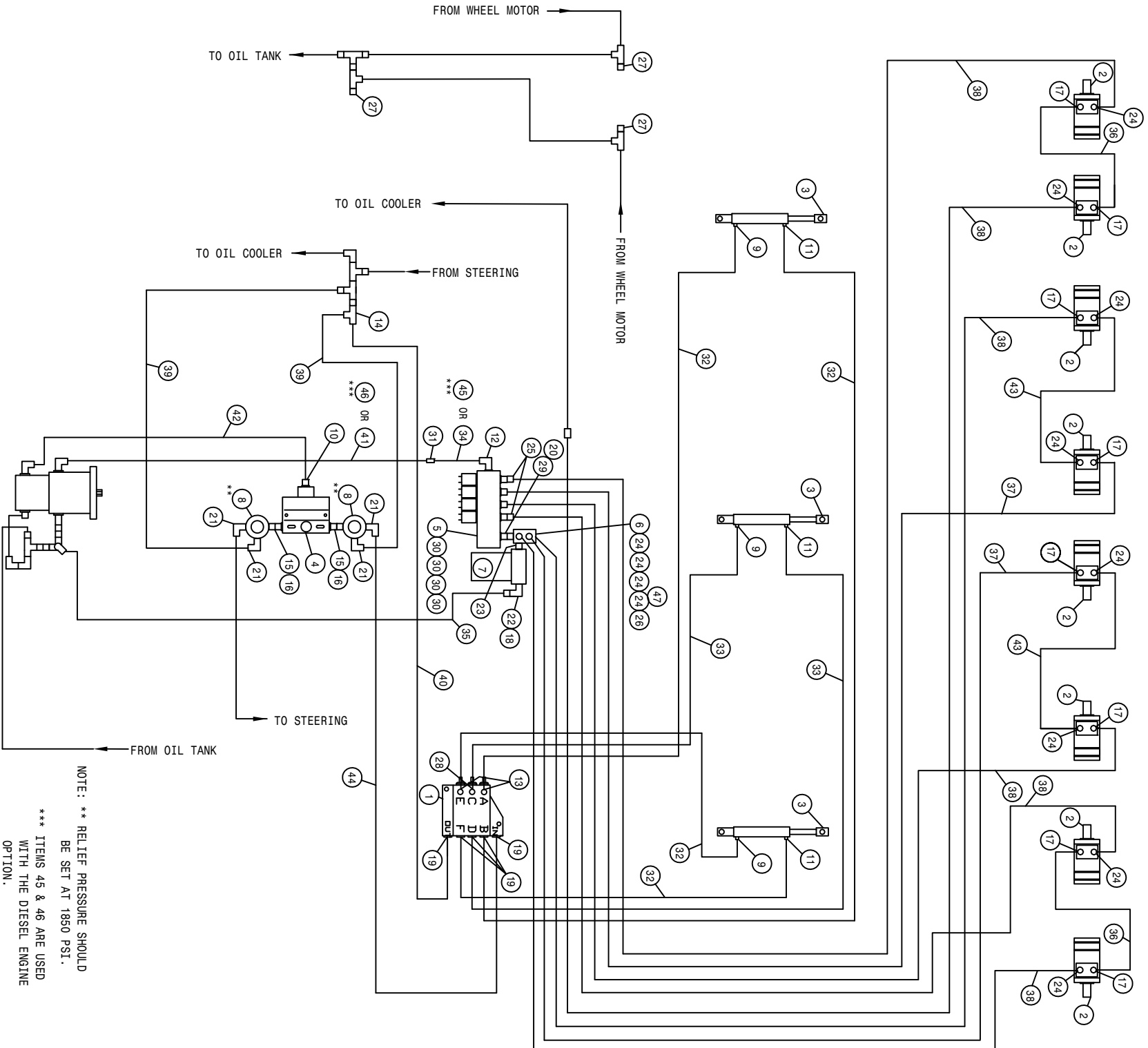
200 6R PULLER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498385

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPR VALVE W/O RELIEF	25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
2	6	604005	ORBIT MOTOR A5E	*26	1	503700	PIPE PLUG .50NPT SQ HD
3	3	620900	CYL ASSY CC2016 D00 SRG 180	*27	3	618531	9/16FJIC CAP NUT
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*28	1	618577	1 5/16MJIC UNION
5	1	610467	MODULAR MTR CONTROL ELECT VLV	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
* 6	1	614633	HYD MANIF 8200 86	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	31	1	610186	1 1/16MOR PLUG
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
9	3	614649	RESTRICTOR ASSY 1-WAY	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
10	3	611122	9/16MJIC-90-1/4MNPT LBO	34	2	611208	04C1T-06FJX-06FJX-98
11	1	611126	7/8MOR-7/8MOR ADPTR	*35	1	614348	16G2AT-16FJX-16FJX-25
12	4	618107	9/16MJIC-90-1/2MNPT LBO	*36	1	601289	HOSE, 1 1/4 X 144 2BR RED
13	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	37	3	614382	08C1T-08FJX-08FJX-40
*14	10	611145	3/4MJIC-90-1/2MNPT LBO	38	2	614688	08C1T-08FJX-08FJX-108
15	2	618072	7/8MOR-1/2ENPT ADPTR	39	4	614690	08C1T-08FJX-08FJX-192
16	2	618119	9/16MJIC-90-9/16MOR LBO	*40	2	616042	04C1T-06FJX-06FJX-13
17	6	611147	3/4MJIC-1/2MNPT ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	5	618126	9/16MJIC-9/16MOR ADPTR	*43	1	614664	10C1T-10FJX-10FJX-98
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*44	1	615616	04C1T-06FJX-06FJX-65
21	2	500000	1/2MNPT HEX PIPE NIPPLE STL	45	4	611212	04C1T-06FJX-06FJX-164
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*46	1	614705	HYD TUBE ASSY, 200 MAIN
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*47	1	614350	16G2AT-16FJX-16FJX-55
*24	2	618532	3/4FJIC CAP NUT				



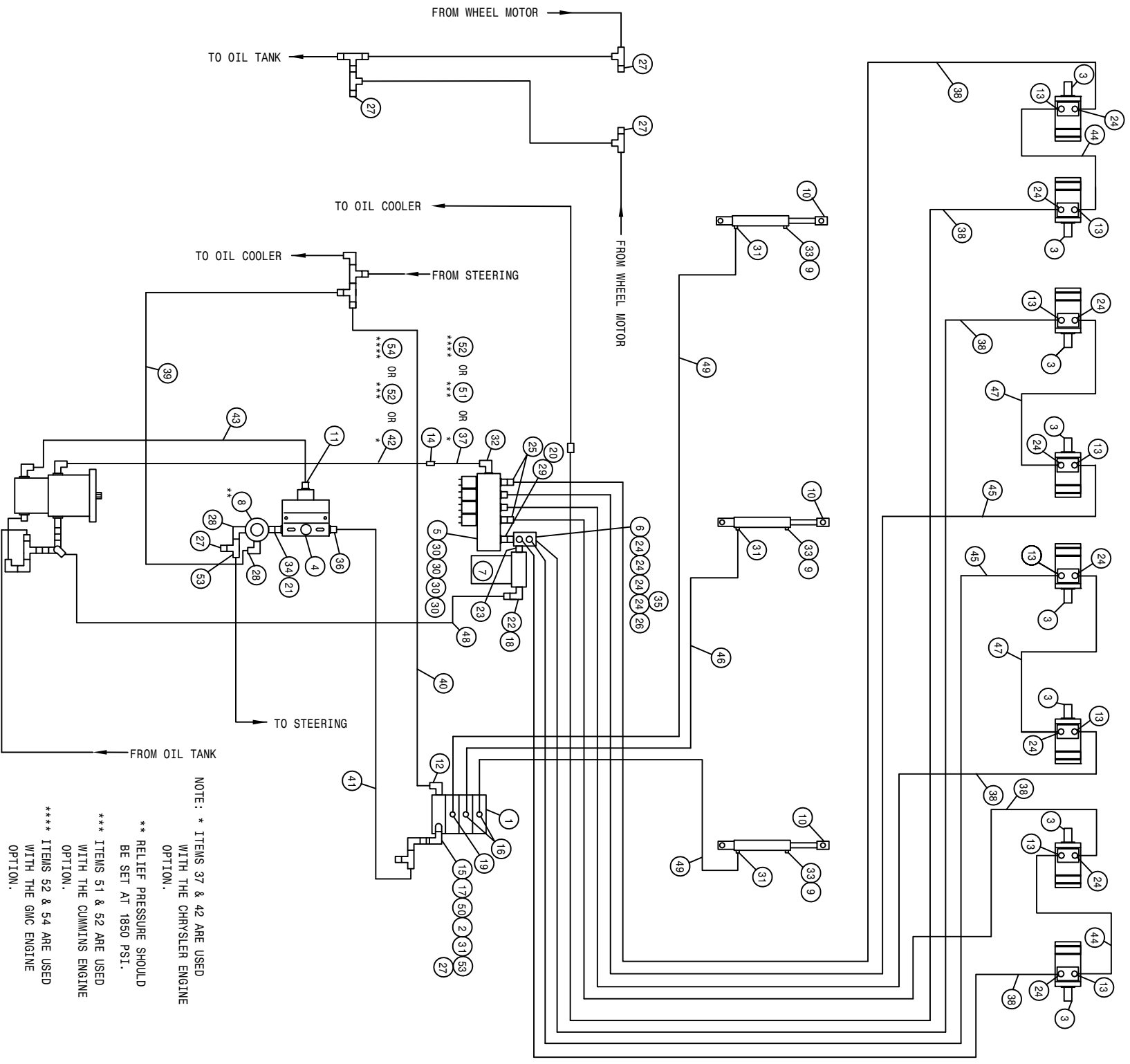
200 6R PULLER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498386

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	*28	1	618072	7/8MOR-1/2FNPT ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	6	604005	ORBIT MOTOR A5E	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	1	610186	1 1/16MOR PLUG
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
*6	1	614633	HYD MAINF 8200 86	33	3	501452	ST EL 90DEG .25NPT, STEEL, PLT
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	614350	16CZAT-16FJX-16FJX-55
9	3	470114	BREATHER FILTER VENT, 1/4 NPT	*36	2	618107	9/16MJIC-90-1/2MNPT LBO
10	3	620900	CYL ASSY CC2016 D00 SRG 180	*37	1	618310	9/16MJIC-7/8MOR ADPTR
*11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	614348	16CZAT-16FJX-16FJX-25
12	4	611122	9/16MJIC-90-1/4MNPT LBO	39	4	614690	08C1T-08FJX-08FJX-192
13	6	611147	3/4MJIC-1/2MNPT ADPTR	*40	1	616042	04C1T-06FJX-06FJX-13
*14	1	618577	1 5/16MJIC UNION	*41	1	614627	06C1T-06FJX-06FJX-45
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*42	1	615616	04C1T-06FJX-06FJX-65
16	1	618170	3/4MOR-9/16FOR ADPTR	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
17	2	618119	9/16MJIC-90-9/16MOR LBO	*44	1	614664	10C1T-10FJX-10FJX-98
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	3	614382	08C1T-08FJX-08FJX-40
19	1	618425	9/16MJIC-45-9/16MOR LBO	46	1	614077	04C1T-06FJX-06FJX-88
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	2	614688	08C1T-08FJX-08FJX-108
21	1	618600	9/16MJIC-90-7/8MOR LBO	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	614101	04C1T-06FJX-06FJX-133
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*50	10	611145	3/4MJIC-90-1/2MNPT LBO
*24	1	618532	3/4FJIC CAP NUT	51	1	618608	9/16FJIC SWIV-1/4MNPT
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	1	614703	HYD TUBE ASSY, 200 MAIN
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*27	5	618531	9/16FJIC CAP NUT	*54	1	614719	HYD TUBE ASSY, AUX 204 GMC 96



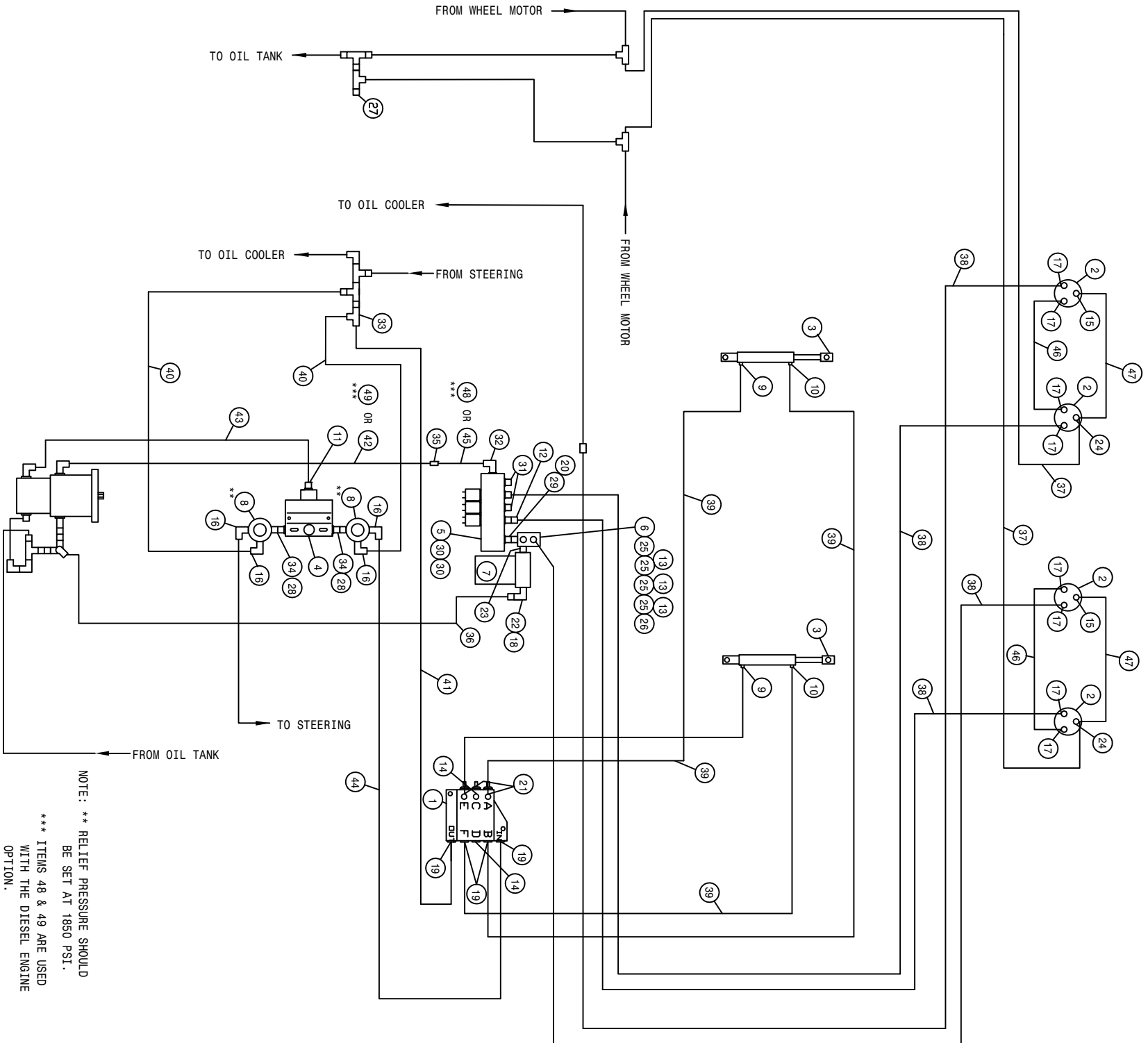
200 8R PULLER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498387

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO
2	8	604005	ORBIT MOTOR A5E	*26	1	503700	PIPE PLUG .50NPT SQ HD
3	3	620900	CYL ASSY CC2016 D00 SRG 180	*27	3	618531	9/16FJIC CAP NUT
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
* 6	1	614633	HYD MANIF 8200 86	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*31	1	618577	1 5/16MJIC UNION
8	2	607512	RELIEF VALVE, RL50, 1850 PST	32	4	611246	04C1T-06FJX-06FJX-174
9	3	614649	RESTRICTOR ASSY 1-WAY	33	2	611208	04C1T-06FJX-06FJX-98
10	1	611126	7/8MJIC-7/8MOR ADPTR	*34	1	614348	16C2AT-16FJX-16FJX-25
11	3	611122	9/16MJIC-90-1/4MNPT LBO	*35	1	601289	HOSE, 1 1/4 X 144 2BR RED
12	1	618178	1 5/16MJIC-90-1 5/16MOR LBO	36	2	614382	08C1T-08FJX-08FJX-40
13	2	618119	9/16MJIC-90-9/16MOR LBO	37	2	614688	08C1T-08FJX-08FJX-108
14	1	618486	9/16FJIC SW RUN TEE-9/16MJIC	38	6	614691	08C1T-08FJX-08FJX-220
15	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*39	2	616042	04C1T-06FJX-06FJX-13
16	2	618072	7/8MOR-1/2FNPT ADPTR	*40	1	614627	06C1T-06FJX-06FJX-45
17	8	611147	3/4MJIC-1/2MNPT ADPTR	*41	1	614687	HYD TUBE ASSY SUND AUX 200 90
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*42	1	614664	10C1T-10FJX-10FJX-98
19	5	618126	9/16MJIC-9/16MOR ADPTR	43	2	614384	08C1T-08FJX-08FJX-237
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*44	1	615616	04C1T-06FJX-06FJX-65
21	4	618107	9/16MJIC-90-1/2MNPT LBO	*45	1	614703	HYD TUBE ASSY, 200 MAIN
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*46	1	614350	16C2AT-16FJX-16FJX-55
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*47	1	618532	3/4FJIC CAP NUT
*24	12	611145	3/4MJIC-90-1/2MNPT LBO				



200 8R PULLER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498388

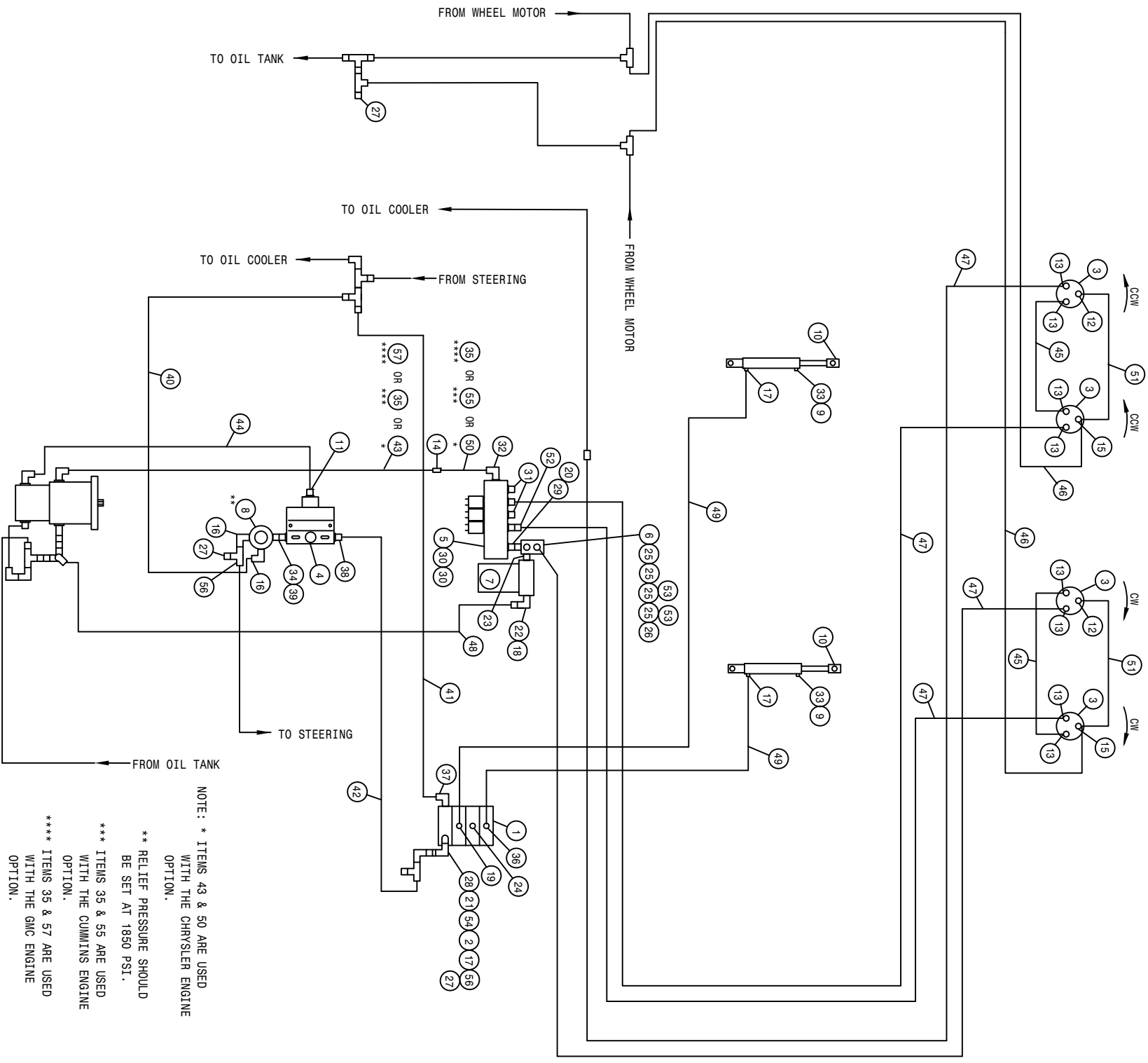
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	*28	2	618107	9/16MJIC-90-1/2MNPT LBO
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	8	604005	ORBIT MOTOR A5E	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	4	611122	9/16MJIC-90-1/4MNPT LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
*6	1	614633	HYD MANIF 8200 86	33	3	501452	ST EL 90DEG .25NPT, STEEL, PLT
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	618532	3/4FJIC CAP NUT
9	3	470114	BREATHER FILTER VENT, 1/4 NPT	*36	1	618310	9/16MJIC-7/8MOR ADPTR
10	3	620900	CYL ASSY CC2016 D00 SRG. 180	*37	1	614348	16C2AT-16FJX-16FJX-25
*11	1	611126	7/8MJIC-7/8MOR ADPTR	38	6	614691	08CLT-08F3X-08F3X-220
12	1	618600	9/16MJIC-90-7/8MOR LBO	*39	1	616042	04CLT-06F3X-06F3X-13
13	8	611147	3/4MJIC-1/2MNPT ADPTR	*40	1	614627	06CLT-06F3X-06F3X-45
*14	1	618577	1 5/16MJIC UNION	*41	1	615616	04CLT-06F3X-06F3X-65
15	1	618170	3/4MOR-9/16FOR ADPTR	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
16	2	618119	9/16MJIC-90-9/16MOR LBO	*43	1	614664	10CLT-10F3X-10F3X-98
17	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	44	2	614382	08CLT-08F3X-08F3X-40
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	2	614688	08CLT-08F3X-08F3X-108
19	1	618425	9/16MJIC-45-9/16MOR LBO	46	1	614077	04CLT-06F3X-06F3X-88
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	2	614384	08CLT-08F3X-08F3X-237
*21	1	618072	7/8MOR-1/2FNPT ADPTR	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	611246	04CLT-06F3X-06F3X-174
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	50	1	618608	9/16FJIC SWIV-1/4MNPT
*24	12	611145	3/4MJIC-90-1/2MNPT LBO	*51	1	614703	HYD TUBE ASSY, 200 MAIN
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	1	614350	16C2AT-16F3X-16F3X-55
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
*27	5	618531	9/16FJIC CAP NUT	*54	1	614719	HYD TUBE ASSY, AUX 204 GMC 96



NOTE: ** RELIEF PRESSURE SHOULD
 BE SET AT 1850 PSI.
 *** ITEMS 48 & 49 ARE USED
 WITH THE DIESEL ENGINE
 OPTION.

200 4R CUTTER 2L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498389

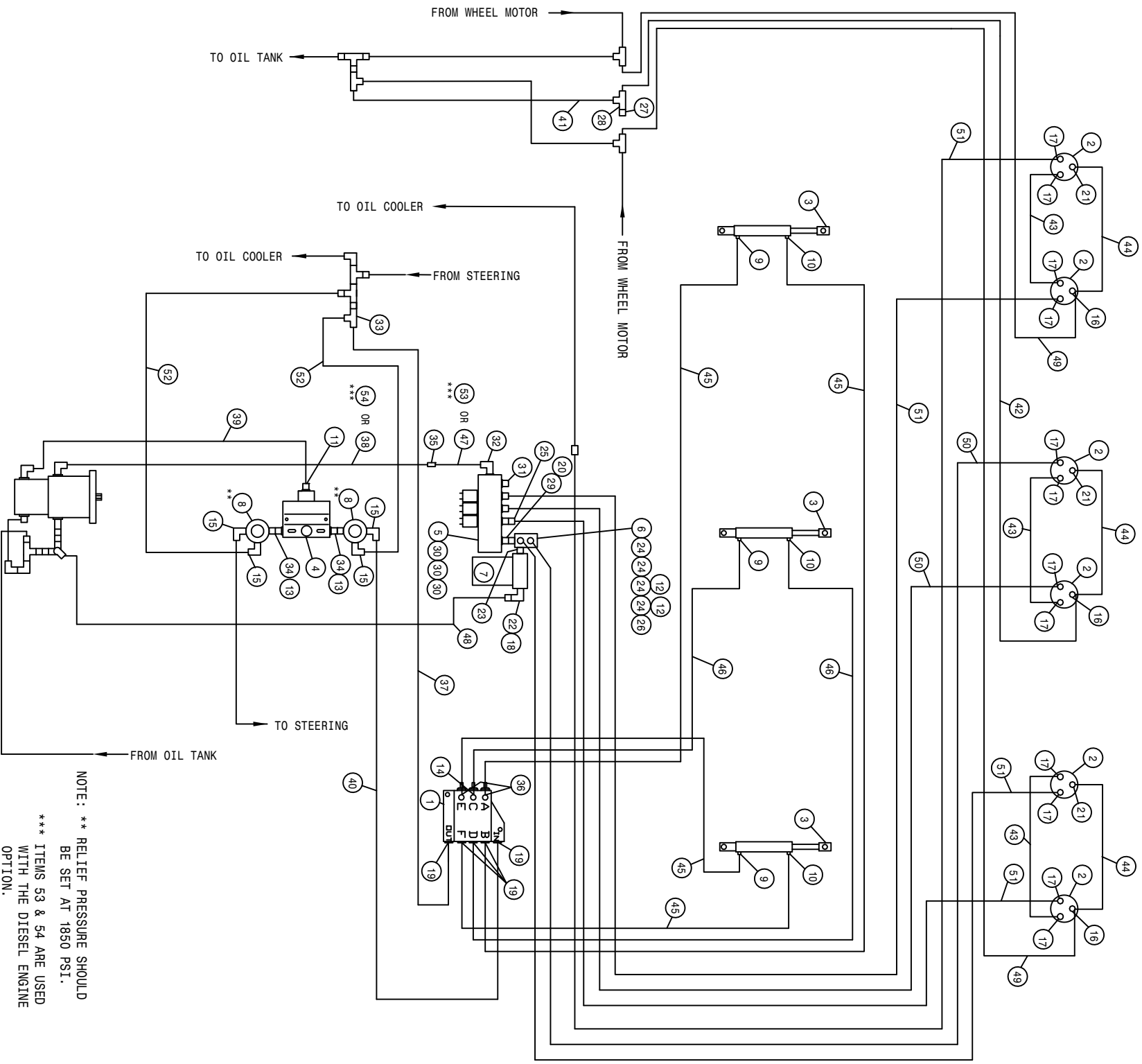
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	*26	1	503700	PIPE PLUG .50NPT SQ HD
2	4	618203	BARNES FLUID MOTOR HYD CUTTER	*27	1	618531	9/16FJIC CAP NUT
3	2	620900	CYL ASSY CC2016 D00 SRG 180	28	2	618072	7/8MOR-1/2FNPT ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
*6	1	614633	HYD MANIF 8200 86	31	2	610186	1 1/16MOR PLUG
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
9	2	614649	RESTRICTOR ASSY 1-WAY	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
10	2	611122	9/16MJIC-90-1/4MNPT LBO	*35	1	618577	1 5/16MJIC UNION
11	1	611126	7/8MJIC-7/8MOR ADPTR	*36	1	601289	HOSE, 1 1/4 X 144 2BR RED
12	1	618590	3/4MJIC-45-3/4FJIC SMIV LBO	37	2	614639	04C1T-06FJX-06FJX-126
*13	3	618532	3/4FJIC CAP NUT	38	4	614689	08C1T-08FJX-08FJX-120
14	2	610185	9/16MOR PLUG	39	4	614101	04C1T-06FJX-06FJX-133
15	2	618530	9/16MJIC-1/8MNPT ADPTR	*40	2	616042	04C1T-06FJX-06FJX-135
16	4	618107	9/16MJIC-90-1/2MNPT LBO	*41	1	614627	06C1T-06FJX-06FJX-135
17	8	611125	3/4MJIC-3/4MOR ADPTR	*42	1	614687	06C1T-06FJX-06FJX-45
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*43	1	614664	HYD TUBE ASSY SUND AUX 200 90
19	4	618126	9/16MJIC-9/16MOR ADPTR	*44	1	615616	10C1T-10FJX-10FJX-98
*20	1	618587	1 5/16FJIC SMIV-1MNPT	*45	1	614348	04C1T-06FJX-06FJX-65
21	2	618119	9/16MJIC-90-9/16MOR LBO	46	2	614368	16C2AT-16FJX-16FJX-25
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	47	2	611206	08C1T-08FJX-08FJX-60
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*48	1	614703	04C1T-06FJX-06FJX-66
24	2	618546	1/8MNPT RUN TEE-9/16MJIC	*49	1	614350	HYD TUBE ASSY, 200 MAIN
*25	4	611145	3/4MJIC-90-1/2MNPT LBO				16C2AT-16FJX-16FJX-55



NOTE : * ITEMS 43 & 50 ARE USED WITH THE CHRYSLER ENGINE OPTION.
 ** RELIEF PRESSURE SHOULD BE SET AT 1850 PSI.
 *** ITEMS 35 & 55 ARE USED WITH THE CUMMINS ENGINE OPTION.
 **** ITEMS 35 & 57 ARE USED WITH THE GMC ENGINE OPTION.

200 4R CUTTER 2L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498390

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	30	2	618469	3/4MJC-1 1/16MOR ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	31	2	610186	1 1/16MOR PLUG
3	4	610590	BARNES HYD MOTOR	32	1	618178	1 5/16MJC-90-1 5/16MOR LBO
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	33	2	501452	ST EL 90DEG .25NPT, STEEL,PLT
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*34	1	500000	1/2MNP HEX PIPE NIPPLE STL
*6	1	614633	HYD MANIF 8200 86	*35	1	614350	16C2AT-16FJX-16FJX-55 H/A
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	36	1	618119	9/16MJC-90-9/16MOR LBO
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	37	1	618600	9/16MJC-90-7/8MOR LBO
9	2	470114	BREATHER FILTER VENT, 1/4 NPT	*38	1	618310	9/16MJC-7/8MOR ADPTR
10	2	620900	CYL ASSY CC2016 D00 SRG 180	*39	1	618072	7/8MOR-1/2FNPT ADPTR
*11	1	611126	7/8MJC-7/8MOR ADPTR	*40	1	616042	04C1T-06FJX-06FJX-13 H/A
12	2	618530	9/16MJC-1/8MNP ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45 H/A
13	8	611125	3/4MJC-3/4MOR ADPTR	*42	1	615616	04C1T-06FJX-06FJX-65 H/A
*14	1	618577	1 5/16MJC UNION	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90 H/A
15	2	618546	1/8MNP RUN TEE-9/16MJC	*44	1	614664	10C1T-10FJX-10FJX-98 H/A
*16	2	618107	9/16MJC-90-1/2MNP LBO	45	2	614368	08C1T-08FJX-08FJX-60 H/A
17	3	611122	9/16MJC-90-1/4MNP LBO	46	2	614639	04C1T-06FJX-06FJX-126 H/A
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	47	4	614689	08C1T-08FJX-08FJX-120 H/A
19	1	618425	9/16MJC-45-9/16MOR LBO	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED H/A
*20	1	618587	1 5/16FJIC SWIV-1MNP	49	2	614101	04C1T-06FJX-06FJX-133 H/A
21	1	618440	9/16MJC-90-9/16MOR EX LG LBO	*50	1	614348	16C2AT-16FJX-16FJX-25 H/A
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	51	2	611206	04C1T-06FJX-06FJX-66 H/A
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	52	1	618590	3/4MJC-45-3/4FJIC SWIV LBO
24	1	610185	9/16MOR PLUG	*53	2	618532	3/4FJIC CAP NUT
*25	4	611145	3/4MJC-90-1/2MNP LBO	54	1	618608	9/16FJIC SWIV-1/4MNP
*26	1	503700	PIPE PLUG .50NPT SQ HD	*55	1	614703	HYD TUBE ASSY, 200 MAIN 92
*27	3	618531	9/16FJIC CAP NUT	*56	2	618486	9/16FJIC SW RUN TEE-9/16MJC
28	1	618170	3/4MOR-9/16FOR ADPTR	*57	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
29	1	618186	1 5/16MJC-1 5/16MOR ADPTR				



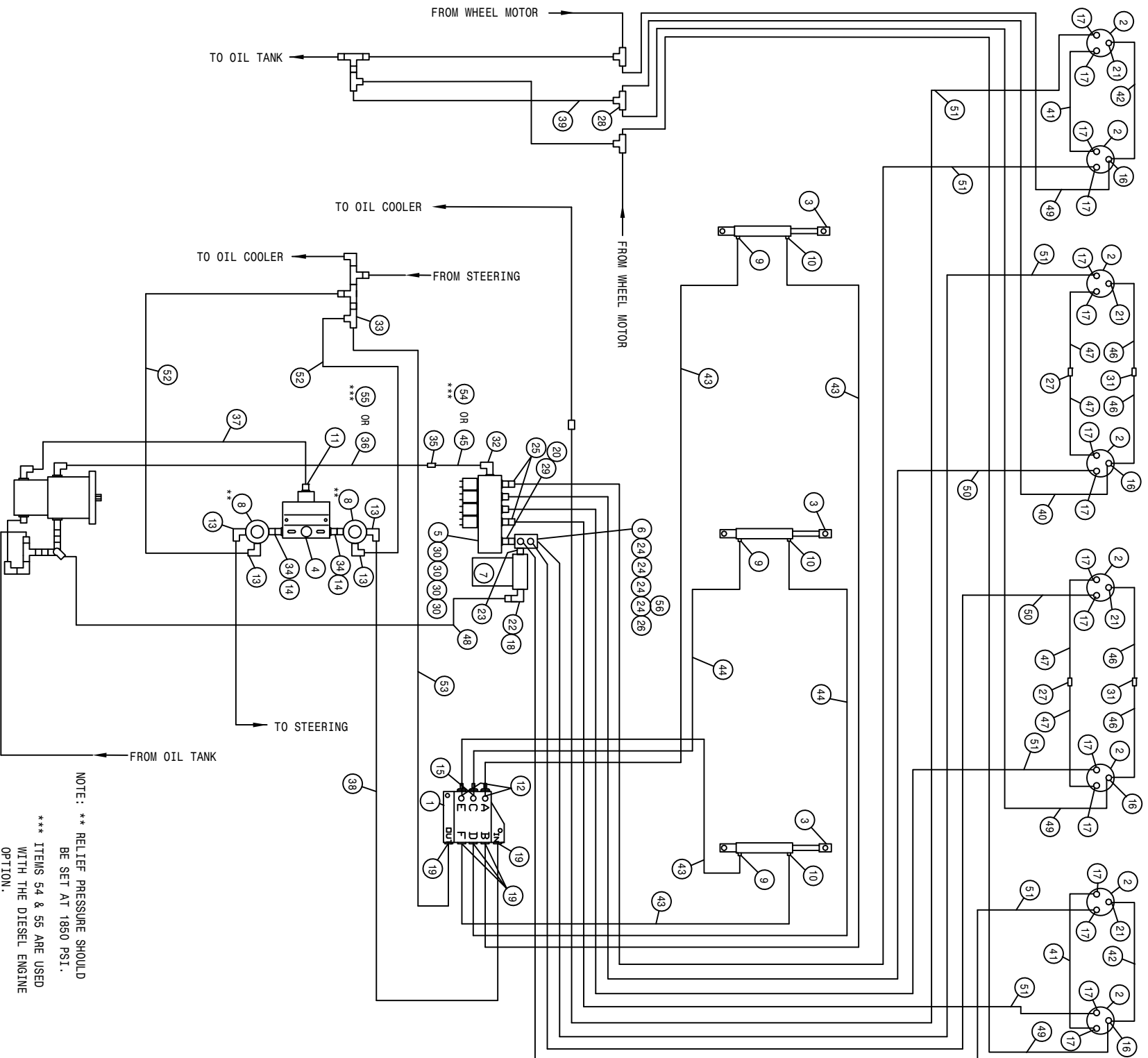
NOTE: ** RELIEF PRESSURE SHOULD
 BE SET AT 1850 PSI.
 *** ITEMS 53 & 54 ARE USED
 WITH THE DIESEL ENGINE
 OPTION.

200 6R CUTTER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498391

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	28	1	610193	9/16MJIC BLKHD BRANCH TEE
2	6	618203	BARNES FLUID MOTOR HYD CUTTER	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	3	620900	CYL ASSY CC2016 D00 SRG 180	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	1	610186	1 1/16MOR PLUG
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
* 6	1	614633	HYD MANIF 8200 86	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	34	2	500000	1/2MPT HEX PIPE NIPPLE STL
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	*35	1	618577	1 5/16MJIC UNION
9	3	614649	RESTRICTOR ASSY 1-WAY	36	2	618119	9/16MJIC-90-9/16MOR LBO
10	3	611122	9/16MJIC-90-1/4MNP LBO	*37	1	614627	06CIT-06FJX-06FJX-45
11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	614687	HYD TUBE ASSY SUND AUX 200 90
*12	2	618532	3/4FJIC CAP NUT	*39	1	614664	10CIT-10FJX-10FJX-98
13	2	618072	7/8MOR-1/2FNPT ADPTR	*40	1	615616	04CIT-06FJX-06FJX-65
14	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	41	1	616026	04CIT-06FJX-06FJX-37
15	4	618107	9/16MJIC-90-1/2MNP LBO	42	1	614152	04CIT-06FJX-06FJX-114
16	3	618546	1/8MNP RUN TEE-9/16MJIC	43	3	614368	08CIT-08FJX-08FJX-60
17	12	611125	3/4MJIC-3/4MOR ADPTR	44	3	611206	04CIT-06FJX-06FJX-66
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	4	611212	04CIT-06FJX-06FJX-164
19	5	618126	9/16MJIC-9/16MOR ADPTR	46	2	611208	04CIT-06FJX-06FJX-98
*20	1	618587	1 5/16FJIC SWIV-1MNP	*47	1	614348	16C2AT-16FJX-16FJX-25
21	3	618530	9/16MJIC-1/8MNP ADPTR	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	611210	04CIT-06FJX-06FJX-156
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	50	2	614688	08CIT-08FJX-08FJX-108
*24	4	611145	3/4MJIC-90-1/2MNP LBO	51	4	614690	08CIT-08FJX-08FJX-192
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	2	616042	04CIT-06FJX-06FJX-13
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	1	614703	HYD TUBE ASSY, 200 MAIN
*27	1	618531	9/16FJIC CAP NUT	*54	1	614350	16C2AT-16FJX-16FJX-55

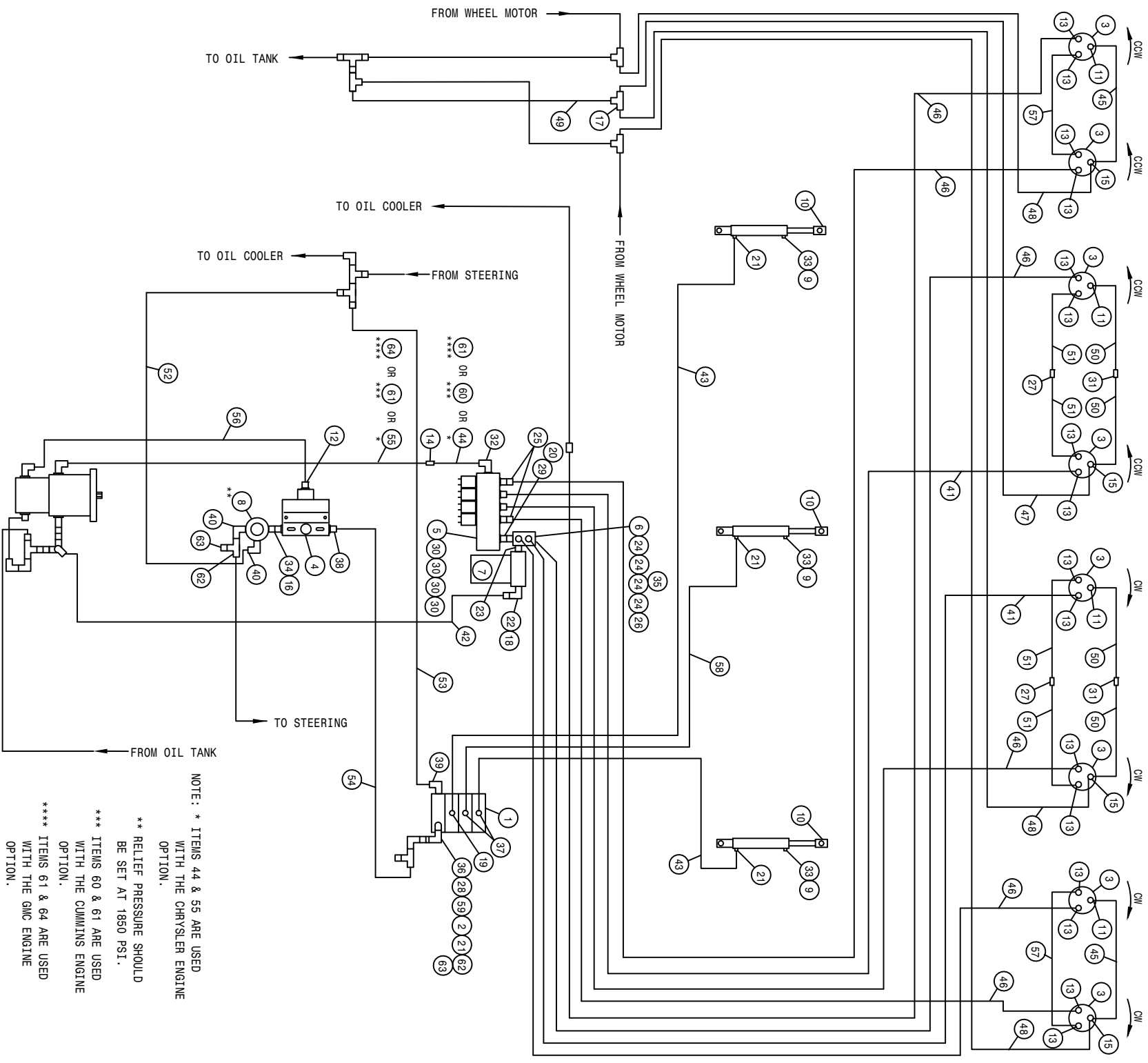
200 GR CUTTER 3L W/T- TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498392

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	33	3	501452	ST EL 90DEG .25NPT, STEEL,PLT
3	6	610590	BARNES HYD MOTOR	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*35	1	614350	16C2AT-16FJX-16FJX-55
5	1	610467	MODULAR MTR CONTROL ELECT VLV	36	1	618170	3/4MOR-9/16FOR ADPTR
*6	1	614633	HYD MANIF 8200 86	37	2	618119	9/16MJIC-90-9/16MOR LBO
*7	1	605601	GRESN FILTER 10 MICRON 40GPM	*38	1	618310	9/16MJIC-7/8MOR ADPTR
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	39	1	618600	9/16MJIC-90-7/8MOR LBO
9	3	470114	BREATHR FILTER VENT, 1/4 NPT	*40	2	618107	9/16MJIC-90-1/2MNPT LBO
10	3	620900	CYL ASSY CC2016 D00 SRG 180	41	3	614368	08CLT-08F3X-08FJX-60
*11	1	611126	7/8MJIC-7/8MOR ADPTR	42	1	614077	04CLT-06F3X-06FJX-88
12	1	610193	9/16MJIC BLKHD BRANCH TEE	43	2	614688	08CLT-08F3X-08FJX-108
13	12	611125	3/4MJIC-3/4MOR ADPTR	*44	1	601289	HOSE, 1 1/4 X 144 2BR RED
*14	1	618577	1 5/16MJIC UNION	45	2	614101	04CLT-06F3X-06FJX-133
15	3	618530	9/16MJIC-1/8MNPT ADPTR	*46	1	614348	16C2AT-16FJX-16FJX-25
16	3	618546	1/8MNPT RUN TEE-9/16MJIC	47	3	611206	04CLT-06F3X-06FJX-66
*17	1	618072	7/8MOR-1/2FNPT ADPTR	48	4	614690	08CLT-08F3X-08FJX-192
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	49	1	614152	04CLT-06F3X-06FJX-114
19	1	618425	9/16MJIC-45-9/16MOR LBO	50	2	611210	04CLT-06F3X-06FJX-156
*20	1	618587	1 5/16FJIC SWIV-1MNPT	51	1	616026	04CLT-06F3X-06FJX-37
21	4	611122	9/16MJIC-90-1/4MNPT LBO	*52	1	616042	04CLT-06F3X-06FJX-13
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*53	1	614627	06CLT-06F3X-06FJX-45
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*54	1	615616	04CLT-06F3X-06FJX-65
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*55	1	614687	HYD TUBE ASSY SUND AUX 200 90
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*56	1	614664	10CLT-10F3X-10FJX-98
*26	1	503700	PIPE PLUG .50NPT SQ HD	*57	1	618532	3/4FJIC CAP NUT
*27	3	618531	9/16FJIC CAP NUT	58	1	618608	9/16FJIC SWIV-1/4MNPT
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*59	1	614703	HYD TUBE ASSY, 200 MAIN 92
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*60	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
30	3	618469	3/4MJIC-1 1/16MOR ADPTR	*61	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
31	1	610186	1 1/16MOR PLUG				



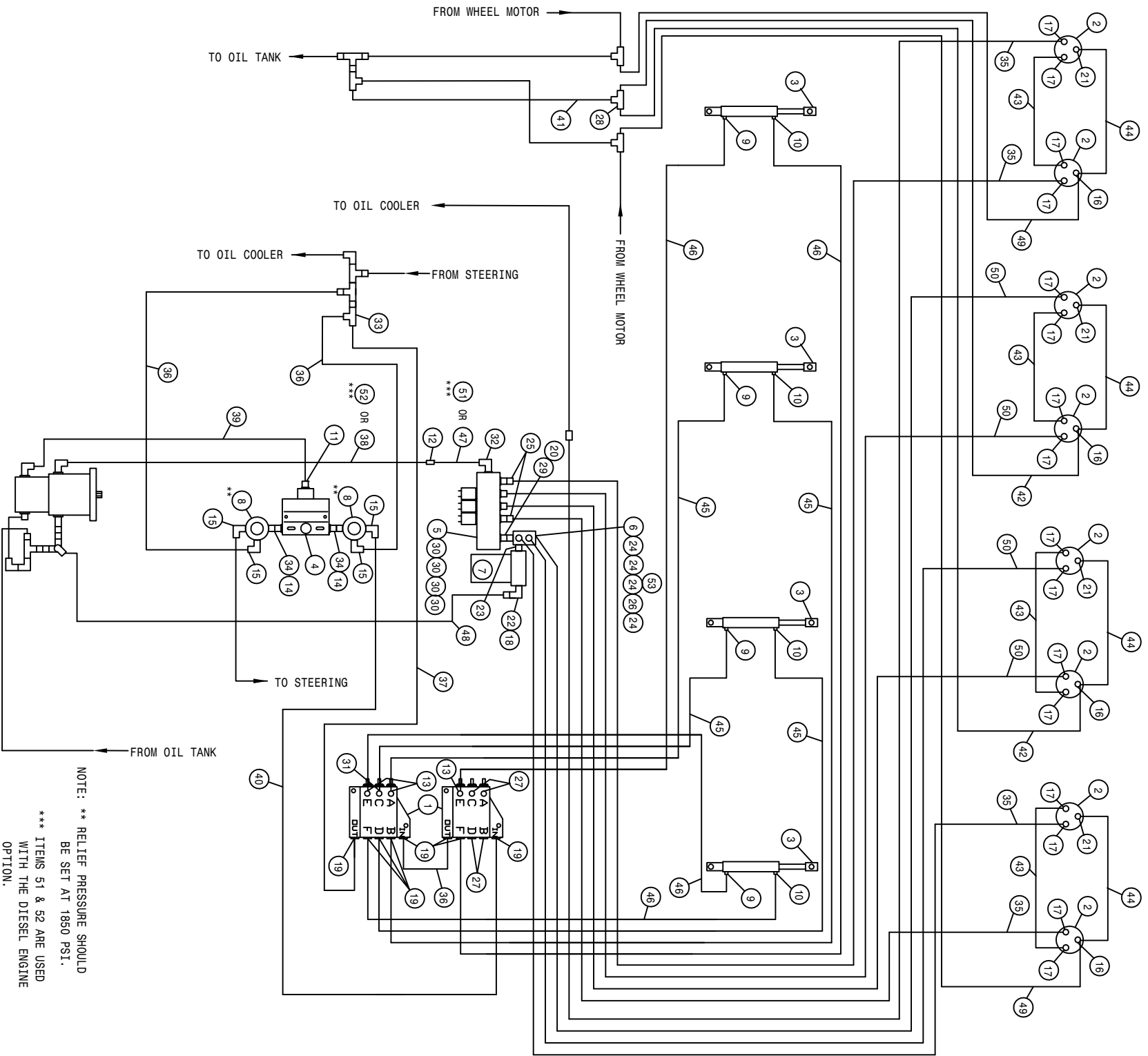
200 8R CUTTER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498393

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
2	8	618203	BARNES FLUID MOTOR HYD CUTTER	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
3	3	620900	CYL ASSY CC2016 D00 SRG 180	31	2	619010	9/16MJIC UNION
4	1	6104504	FLO DIV B50 2-8GPM 7/8 FOR	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
* 6	1	614633	HYD MAINF 8200 86	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*35	1	618577	1 5/16MJIC UNION
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	*36	1	614687	HYD TUBE ASSY SUND AUX 200 90
9	3	614649	RESTRICTOR ASSY 1-WAY	*37	1	614664	10C1T-10FJX-10FJX-98
10	3	611122	9/16MJIC-90-1/4MNPT LBO	*38	1	615616	04C1T-06FJX-06FJX-65
11	1	611126	7/8MJIC-7/8MOR ADPTR	39	1	616026	04C1T-06FJX-06FJX-37
12	2	618119	9/16MJIC-90-9/16MOR LBO	40	1	614152	04C1T-06FJX-06FJX-114
13	4	618107	9/16MJIC-90-1/2MNPT LBO	41	2	614368	08C1T-08FJX-08FJX-60
14	2	618072	7/8MOR-1/2FNPT ADPTR	42	2	611206	04C1T-06FJX-06FJX-66
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	43	4	611246	04C1T-06FJX-06FJX-174
16	4	618546	1/8MNPT RUN TEE-9/16MJIC	44	2	611208	04C1T-06FJX-06FJX-98
17	16	611125	3/4MJIC-3/4MOR ADPTR	*45	1	614348	16C2AT-16FJX-16FJX-25
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	46	4	614101	04C1T-06FJX-06FJX-133
19	5	618126	9/16MJIC-9/16MOR ADPTR	47	4	614425	08C1T-08FJX-08FJX-132
*20	1	618587	1 5/16FJIC SMIV-1MNPT	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
21	4	618530	9/16MJIC-1/8MNPT ADPTR	49	3	614154	04C1T-06FJX-06FJX-221
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	50	2	614688	08C1T-08FJX-08FJX-108
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	51	6	614691	08C1T-08FJX-08FJX-220
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*52	2	616042	04C1T-06FJX-06FJX-13
25	2	618590	3/4MJIC-45-3/4FJIC SMIV LBO	*53	1	614627	06C1T-06FJX-06FJX-45
*26	1	503700	PIPE PLUG .50NPT SQ HD	*54	1	614703	HYD TUBE ASSY, 200 MAIN
27	2	618314	3/4MJIC UNION	*55	1	614350	16C2AT-16FJX-16FJX-55
28	1	610193	9/16MJIC BLKHD BRANCH TEE	*56	1	618532	3/4FJIC CAP NUT



200 8R CUTTER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498394

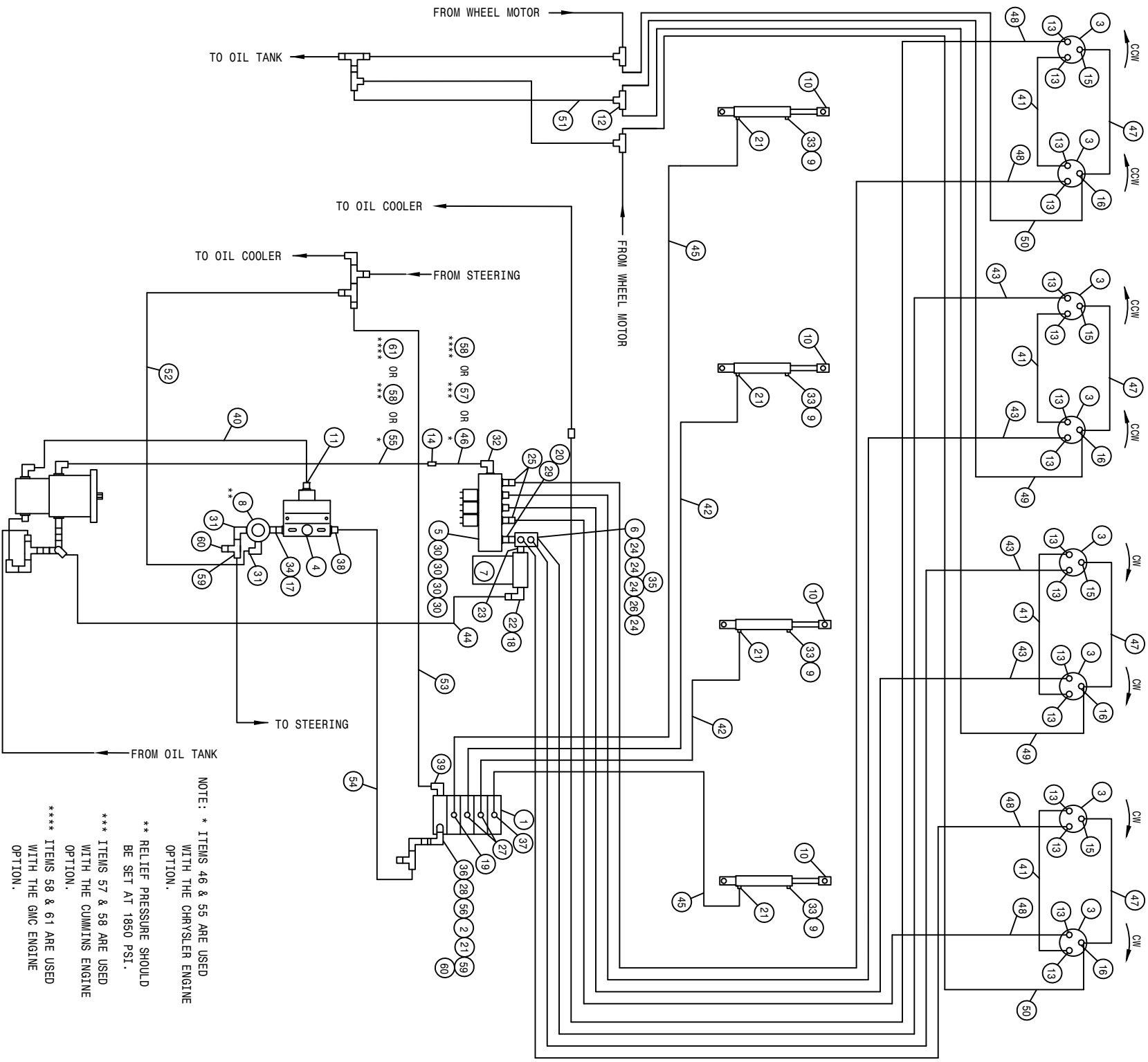
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV, 3 SECT	33	3	501452	ST EL 90DEG .25NPT, STEEL,PLT
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	*34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
3	8	610590	BARNES HYD MOTOR	*35	1	618532	3/4FJIC CAP NUT
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	36	1	618170	3/4MOR-9/16FOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	37	2	618119	9/16MJIC-90-9/16MOR LBO
*6	1	614633	HYD MANIF 8200 86	*38	1	618310	9/16MJIC-7/8MOR ADPTR
*7	1	605601	GRESN FILTER 10 MICRON 40GPM	39	1	618600	9/16MJIC-90-7/8MOR LBO
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	*40	2	618107	9/16MJIC-90-1/2MNPT LBO
9	3	470114	BREATHER FILTER VENT, 1/4 NPT	41	2	614688	08C1T-08F3X-08F3X-108
10	3	620900	CYL ASSY CC2016 D00 SRG 180	*42	1	601289	HOSE, 1 1/4 X 144 2BR RED
11	4	618530	9/16MJIC-1/8MNPT ADPTR	43	2	611246	04C1T-06F3X-06F3X-174
*12	1	611126	7/8MJIC-7/8MOR ADPTR	*44	1	614348	16C2AT-16F3X-16F3X-25
13	16	611125	3/4MJIC-3/4MOR ADPTR	45	2	611206	04C1T-06F3X-06F3X-66
*14	1	618577	1 5/16MJIC UNION	46	6	614691	08C1T-08F3X-08F3X-220
15	4	618546	1/8MNPT RUN TEE-9/16MJIC	47	1	614152	04C1T-06F3X-06F3X-114
*16	1	618072	7/8MOR-1/2FNPT ADPTR	48	3	614154	04C1T-06F3X-06F3X-221
17	1	610193	9/16MJIC BLKHD BRANCH TEE	49	1	616026	04C1T-06F3X-06F3X-37
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	50	4	614101	04C1T-06F3X-06F3X-133
19	1	618425	9/16MJIC-45-9/16MOR LBO	51	4	614425	08C1T-08F3X-08F3X-132
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*52	1	616042	04C1T-06F3X-06F3X-13
21	4	611122	9/16MJIC-90-1/4MNPT LBO	*53	1	614627	06C1T-06F3X-06F3X-45
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*54	1	615616	04C1T-06F3X-06F3X-65
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*55	1	614687	HYD TUBE ASSY SUND AUX 200 90
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*56	1	614664	10C1T-10F3X-10F3X-98
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	57	2	614368	08C1T-08F3X-08F3X-60
*26	1	503700	PIPE PLUG .50NPT SQ HD	58	1	614077	04C1T-06F3X-06F3X-88
27	2	618314	3/4MJIC UNION	59	1	618608	9/16FJIC SWIV-1/4MNPT
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*60	1	614703	HYD TUBE ASSY, 200 MAIN
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*61	1	614350	16C2AT-16F3X-16F3X-55
30	4	618469	3/4MJIC-1 1/16MOR ADPTR	*62	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
31	2	619010	9/16MJIC UNION	*63	2	618531	9/16FJIC CAP NUT
32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO	*64	1	614719	HYD TUBE ASSY, AUX 204 GMC 96



NOTE: ** RELIEF PRESSURE SHOULD
 BE SET AT 1850 PSI.
 *** ITEMS 51 & 52 ARE USED
 WITH THE DIESEL ENGINE
 OPTION.

200 8R CUTTER 4L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498395

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	2	606585	CESSNA 3SPL VALVE W/O RELIEF	28	1	610193	9/16MJIC BLKHD BRANCH TEE
2	8	618203	BARNES FLUID MOTOR HYD CUTTER	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	4	620900	CYL ASSY CC2016 D00 SRG 180	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
4	1	607504	FLD DIV B50 2-8GPM 7/8 FOR	31	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
5	1	610467	MODULAR MTR CONTROL ELECT VLV	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
* 6	1	614633	HYD MANIF 8200 86	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
8	2	607512	RELIEF VALVE, RL50, 1850 PSI	35	4	614691	08C1T-08FJX-08FJX-220
9	4	614649	RESTRICTOR ASSY 1-WAY	*36	3	616042	04C1T-06FJX-06FJX-13
10	4	611122	9/16MJIC-90-1/4MNPT LBO	*37	1	614627	06C1T-06FJX-06FJX-45
11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	614687	HYD TUBE ASSY SUND AUX 200 90
*12	1	618577	1 5/16MJIC UNION	*39	1	614664	10C1T-10FJX-10FJX-98
13	3	618119	9/16MJIC-90-9/16MOR LBO	*40	1	615616	04C1T-06FJX-06FJX-65
14	2	618072	7/8MOR-1/2FNPT ADPTR	41	1	616026	04C1T-06FJX-06FJX-37
15	4	618107	9/16MJIC-90-1/2MNPT LBO	42	2	611212	04C1T-06FJX-06FJX-164
16	4	618546	1/8MNPT RUN TEE-9/16MJIC	43	4	614368	08C1T-08FJX-08FJX-60
17	16	611125	3/4MJIC-3/4MOR ADPTR	44	4	611206	04C1T-06FJX-06FJX-66
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	4	614101	04C1T-06FJX-06FJX-133
19	8	618126	9/16MJIC-9/16MOR ADPTR	46	4	611246	04C1T-06FJX-06FJX-174
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*47	1	614348	16C2AT-16FJX-16FJX-25
21	4	618530	9/16MJIC-1/8MNPT ADPTR	*48	1	601289	HOSE, 1 1/4 X 144 2BR RED
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	614154	04C1T-06FJX-06FJX-221
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	50	4	614689	08C1T-08FJX-08FJX-120
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*51	1	614703	HYD TUBE ASSY, 200 MAIN
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	1	614350	16C2AT-16FJX-16FJX-55
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	1	618532	3/4FJIC CAP NUT
27	4	610185	9/16MOR PLUG				



NOTE: * ITEMS 46 & 55 ARE USED WITH THE CHRYSLER ENGINE OPTION.
 ** RELIEF PRESSURE SHOULD BE SET AT 1850 PSI.
 *** ITEMS 57 & 58 ARE USED WITH THE CUMMINS ENGINE OPTION.
 **** ITEMS 58 & 61 ARE USED WITH THE GMC ENGINE OPTION.

200 8R CUTTER 4L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498396

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610613	ELECT HYD STACT VLV, 4 SECT	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	33	4	501452	ST EL 90DEG .25NPT, STEEL, PLT
3	8	610590	BARNES HYD MOTOR	*34	1	500000	1/2NMPT HEX PIPE NIPPLE STL
*4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*35	1	618532	3/4FJIC CAP NUT
5	1	610467	MODULAR MTR CONTROL ELECT VLV	36	1	618170	3/4MOR-9/16FOR ADPTR
*6	1	614633	HYD MANIF 8200 86	37	1	618119	9/16MJIC-90-9/16MOR LBO
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	*38	1	618310	9/16MJIC-7/8MOR ADPTR
*8	1	607512	RELIEF VALVE, RL50, 1850 PSI	39	1	618600	9/16MJIC-90-7/8MOR LBO
9	4	470114	BREATHER FILTER VENT, 1/4 NPT	*40	1	614664	10C1T-10FJX-10FJX-98
10	4	620900	CYL ASSY CC2016 D00 SRG 180	41	4	614368	08C1T-08FJX-08FJX-60
*11	1	611126	7/8MJIC-7/8MOR ADPTR	42	2	614101	04C1T-06FJX-06FJX-133
12	1	610193	9/16MJIC BLKHD BRANCH TEE	43	4	614689	08C1T-08FJX-08FJX-120
13	16	611125	3/4MJIC-3/4MOR ADPTR	*44	1	601289	HOSE, 1 1/4 X 144 2BR RED
*14	1	618577	1 5/16MJIC UNION	45	2	611246	04C1T-06FJX-06FJX-174
15	4	618530	9/16MJIC-1/8MNPT ADPTR	*46	1	614348	16C2AT-16FJX-16FJX-25
16	4	618546	1/8MNPT RUN TEE-9/16MJIC	47	4	611206	04C1T-06FJX-06FJX-66
*17	1	618072	7/8MOR-1/2FNPT ADPTR	48	4	614691	08C1T-08FJX-08FJX-220
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	49	2	611212	04C1T-06FJX-06FJX-164
19	1	618126	9/16MJIC-9/16MOR ADPTR	50	2	614154	04C1T-06FJX-06FJX-221
*20	1	618587	1 5/16FJIC SWIV-1MNPT	51	1	616026	04C1T-06FJX-06FJX-37
21	5	611122	9/16MJIC-90-1/4MNPT LBO	*52	1	616042	04C1T-06FJX-06FJX-13
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*53	1	614627	06C1T-06FJX-06FJX-45
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*54	1	615616	04C1T-06FJX-06FJX-65
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*55	1	614687	HYD TUBE ASSY SUND AUX 200 90
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	56	1	618608	9/16FJIC SWIV-1/4NMPT
*26	1	503700	PIPE PLUG .50NPT SQ HD	*57	1	614703	HYD TUBE ASSY, 200 MAIN
27	2	618425	9/16MJIC-45-9/16MOR LBO	*58	1	614350	16C2AT-16FJX-16FJX-55
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*59	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*60	2	618531	9/16FJIC CAP NUT
30	4	618469	3/4MJIC-1 1/16MOR ADPTR	*61	1	614719	HYD TUBE ASSY, AUX 204 GMC 96
*31	2	618107	9/16MJIC-90-1/2MNPT LBO				

ABBREVIATIONS

A/C - AIR CONDITIONER	MT - MOUNT
ADPTR - ADAPTER	MTR - MOTOR
AGI - AGITATOR	P/N - PART NUMBER
ALT - ALTERNATOR	PLT - PLATE
ASSY - ASSEMBLY	QTY - QUANTITY
BRKT - BRACKET	RED - REDUCER
DET - DETAIL	REF - REFERENCE
DISPL - DISPLACEMENT	REST - RESTRICTOR
EL - ELBOW	REQ - REQUIRED
EXT - EXTENSION	SHFT - SHAFT
FLO - FLOW	SOL - SOLUTION
FNPT - FEMALE NATIONAL PIPE THREAD	STRG - STEERING
FOR - FEMALE O-RING	ST - STREET
FRT - FRONT	SWIV - SWIVEL
HYD - HYDRAULIC	UNC - UNIFIED NATIONAL COURSE
HYDRO - HYDROSTATIC	UNF - UNIFIED NATIONAL FINE
LG - LONG	V - VOLT
LWR - LOWER	W/ - WITH
MJIC - MALE J.I.C.	WHL - WHEEL
MOR - MALE O-RING	WLD - WELDMENT

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