

PARTS MANUAL
FOR
HAGIE MODEL 200 DETASSELER

HAGIE MANUFACTURING COMPANY

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

COVERS MACHINE SERIAL NUMBERS: 017419001 thru 017419100

05-91 493122
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

TABLE OF CONTENTS

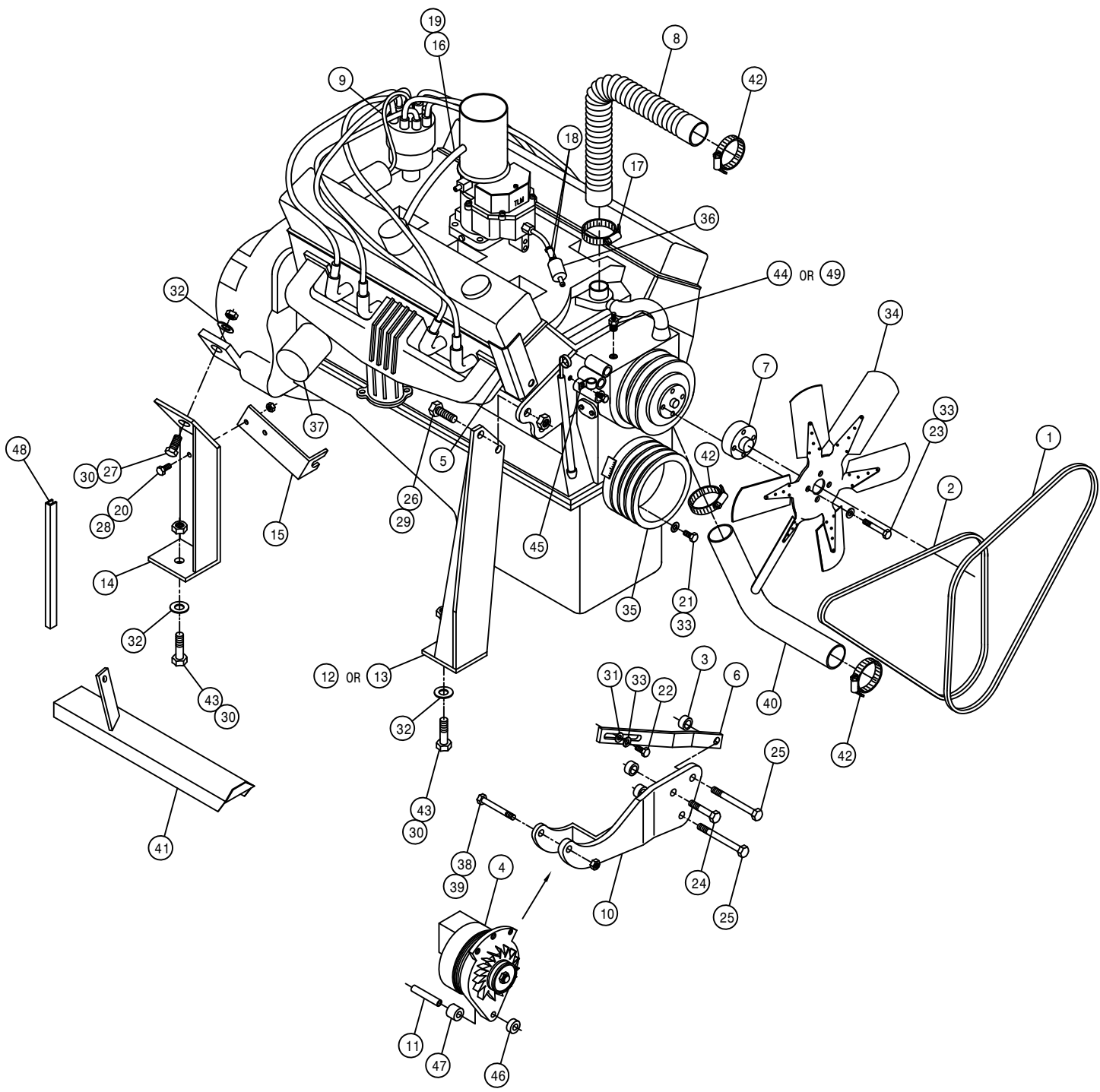
ENGINE ASSEMBLIES	4-6
FLOW DIVIDER.	7
POSITRACTION VALVE.	8-9
AIR CLEANER AND EXHAUST PIPE.	10-11
RADIATOR AND OIL COOLER . . . . .	.12
LEG ASSEMBLIES.	13-15
TIRE ASSEMBLY . . . . .	.16
LADDER AND SERVICE PLATFORM . . . . .	.17
TIE ROD ASSEMBLY. . . . .	.18
STEERING CYLINDER . . . . .	.19
FUEL AND OIL TANKS.	20-21
OPERATOR STATION.	22-23
INSTRUMENT PANEL ASSEMBLY . . . . .	.24
CONSOLE ASSEMBLY.	25-27
STEERING WHEEL ASSEMBLY . . . . .	.28
BATTERY . . . . .	.29
SHEET METAL	30-31
MOTOR CONTROL VALVE . . . . .	.32
RETURN FILTER . . . . .	.33
THREE SPOOL VALVE	34-35
ELECTROHYDRAULIC VALVE.	36-37
OUTRIGGER AND LIFT ASSEMBLY	38-41
ROLLER AND CUTTER HEAD.	42-43
QUAD AND TIRE PULLER HEAD	44-45
MALE ROW CHOPPER.	46-47
TASSELLTROL COMPONENTS	48-51
DEPTH COMMAND	52-53
STALK GUIDE AND T-TROL\LS RECEPTACLE.	54-55
WHEEL DRIVE ASSEMBLY.	56-58
DECALS.	59-60
ELECTRICAL SCHEMATIC.	61-67
HYDRAULIC SCHEMATIC . . . . .	.68-119
ABBREVIATIONS	120
INDEX	121

CHRYSLER ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

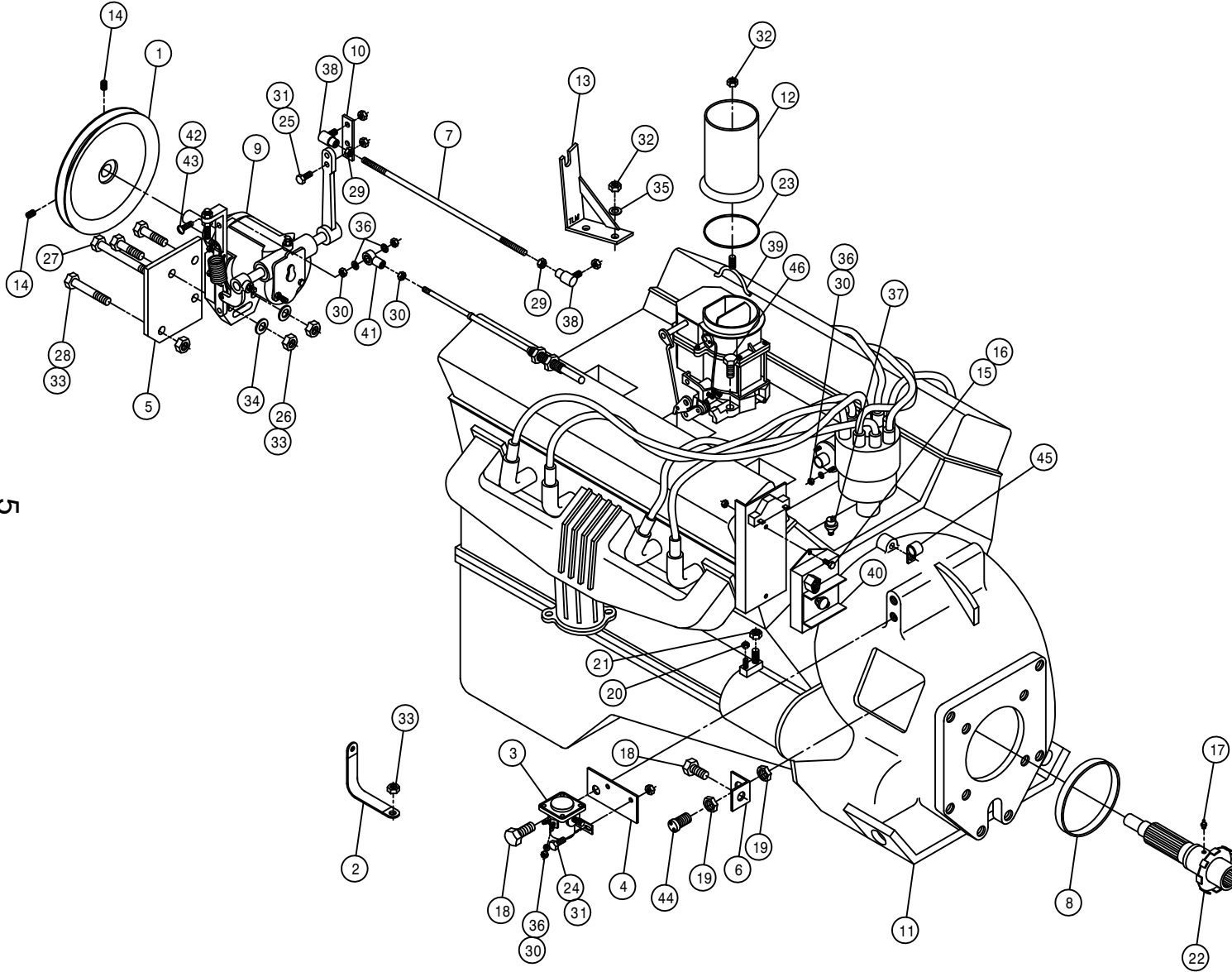
1	1	147000	BELT GATES 2490 TRUFLEX	
2	1	147001	BELT GATES 7512	
3	3	200015	ADJ TUBE SPACER3/40DX11GAX3/8	
4	1	291487	72 AMP ALT W/ REGULATOR	
5	1	314303	EXHAUST MANIF HEAT SHIELD	
6	1	314309	ALT ADJ ARM	
7	1	314359	FAN SPACER CHRY 383014	
8	1	314832	RADIATOR HOSE 1.75 X 19	
9	1	314841	COIL WIRE FOR CHRY 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	

4



CHRYSLER ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

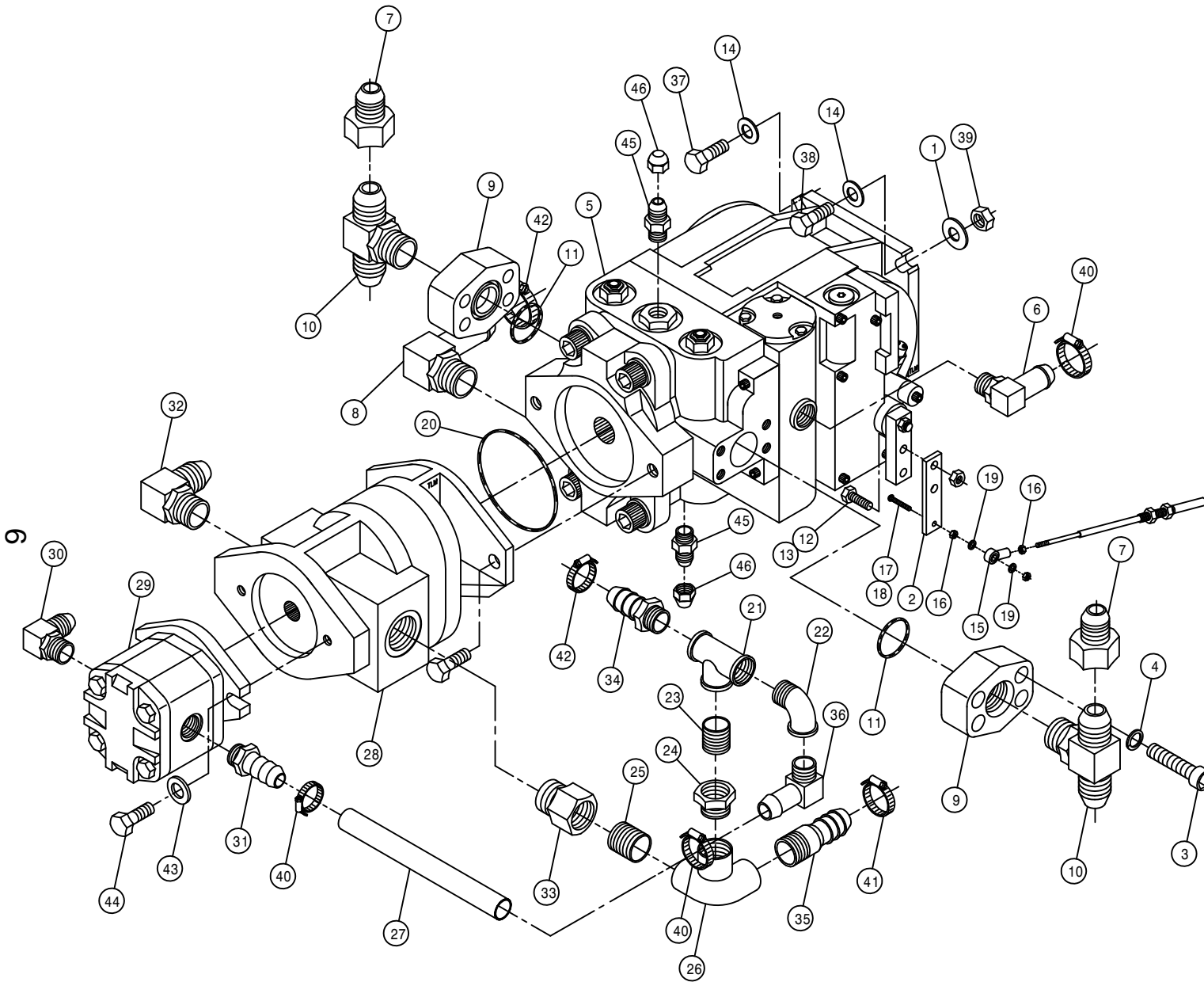


1	1	147030	6IN PULLEY A GR 5/8 BORE
2	1	290109	GROUND STRAP, 8IN 17/32 HOLES
3	1	310491	STARTER SOLENOID FORD 300 ENG
4	1	311021	START SOLENOID MT 473 CHRY
5	1	311044	GOV MT WLD
6	1	314302	TACH SENSOR MT
7	1	314311	GOV CONTROL ROD
8	1	314323	SUND PUMP SPACER RING 647 3/8
9	1	314337	GOV REWORKED 647
10	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

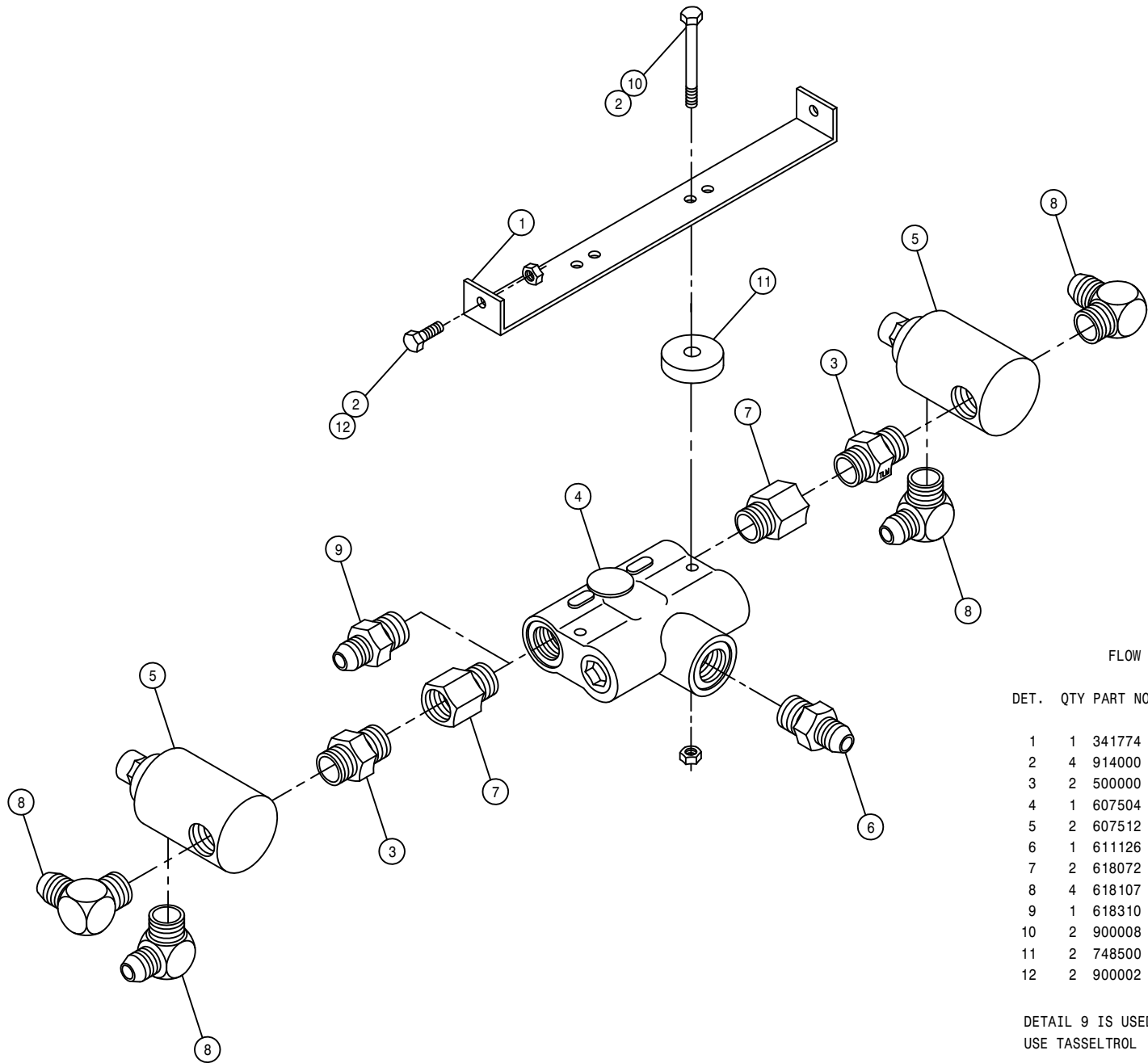
5

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	606870	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	505201	CLOSE NIPPLE 1.00NPT
24	1	506005	1 1/4 TO 1 RED BUSH BLK MAL
25	1	506200	CLOSE NIPPLE 1.25NPT
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-90-1MNP
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



FLOW DIVIDER ASSEMBLY

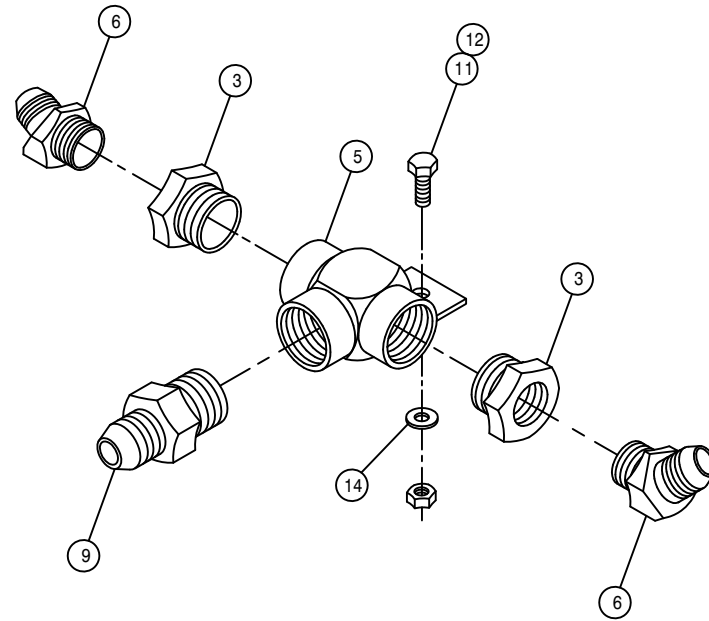
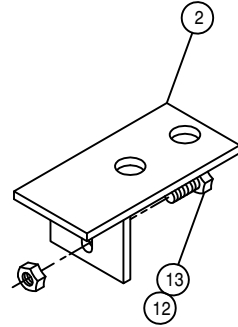
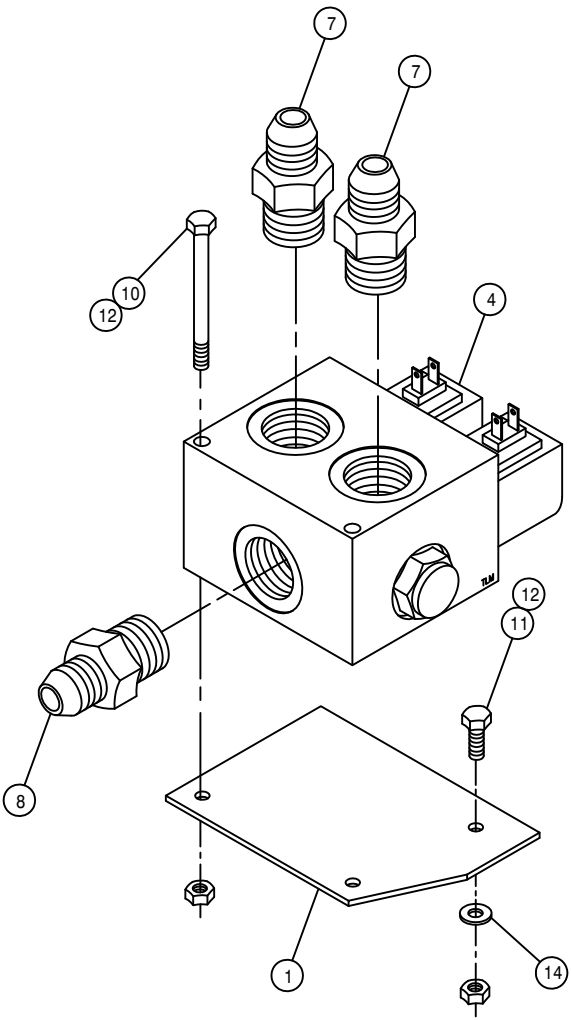
DET.	QTY	PART NO.	DESCRIPTION	
1	1	341774	FLOW DIVIDER MT 280	89
2	4	914000	1/4UNC HEX STOVER NUT	
3	2	500000	1/2MNPT HEX PIPE NIPPLE STL	
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	
5	2	607512	RELIEF VALVE, RL50 1800 PSI	
6	1	611126	7/8MJIC-7/8MOR ADPTR	
7	2	618072	7/8MOR-1/2FNPT ADPTR	
8	4	618107	9/16MJIC-90-1/2MNPT 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	

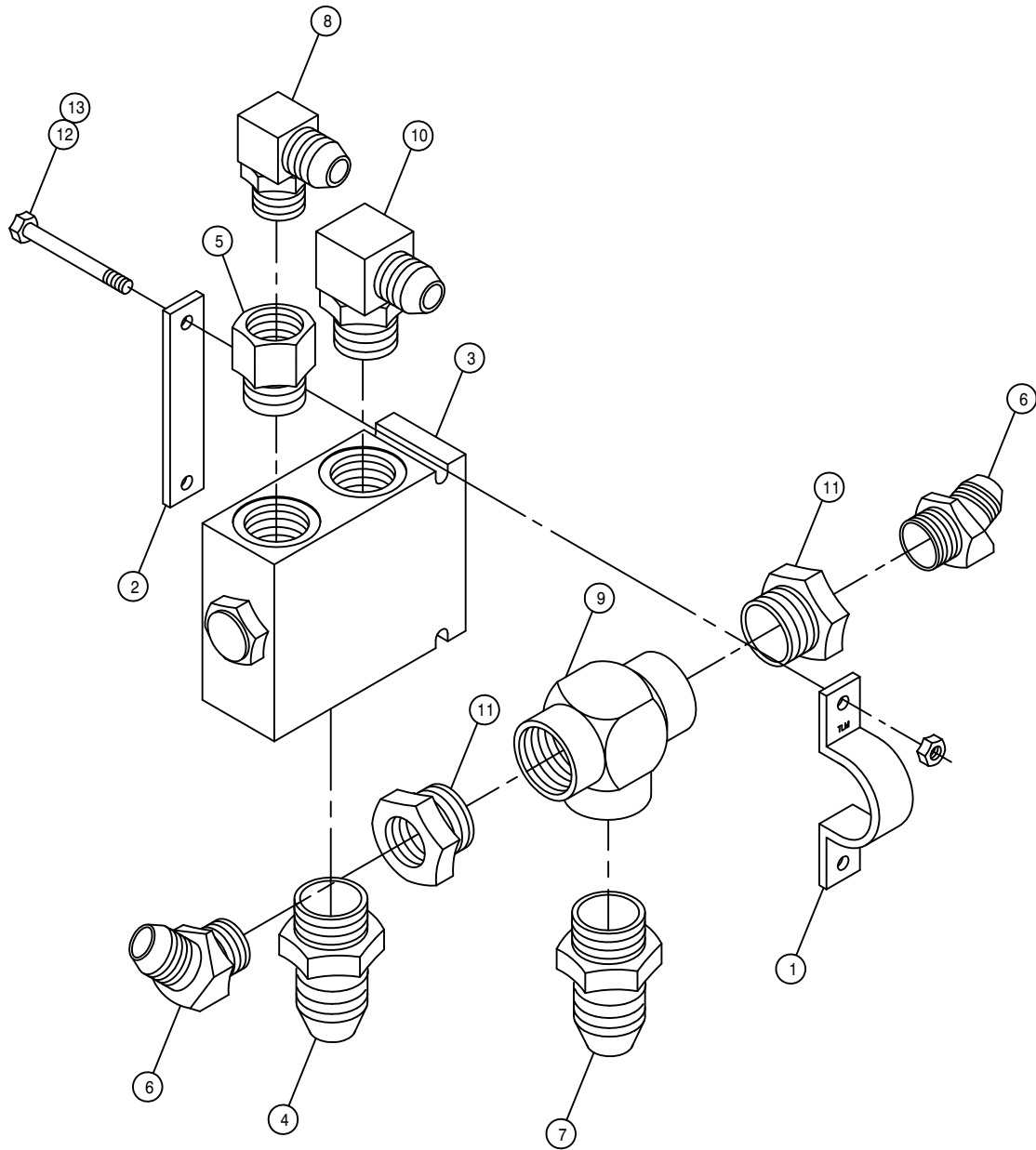
DETAIL 9 IS USED WITH OPTIONS THAT USE TASSELTROL

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	

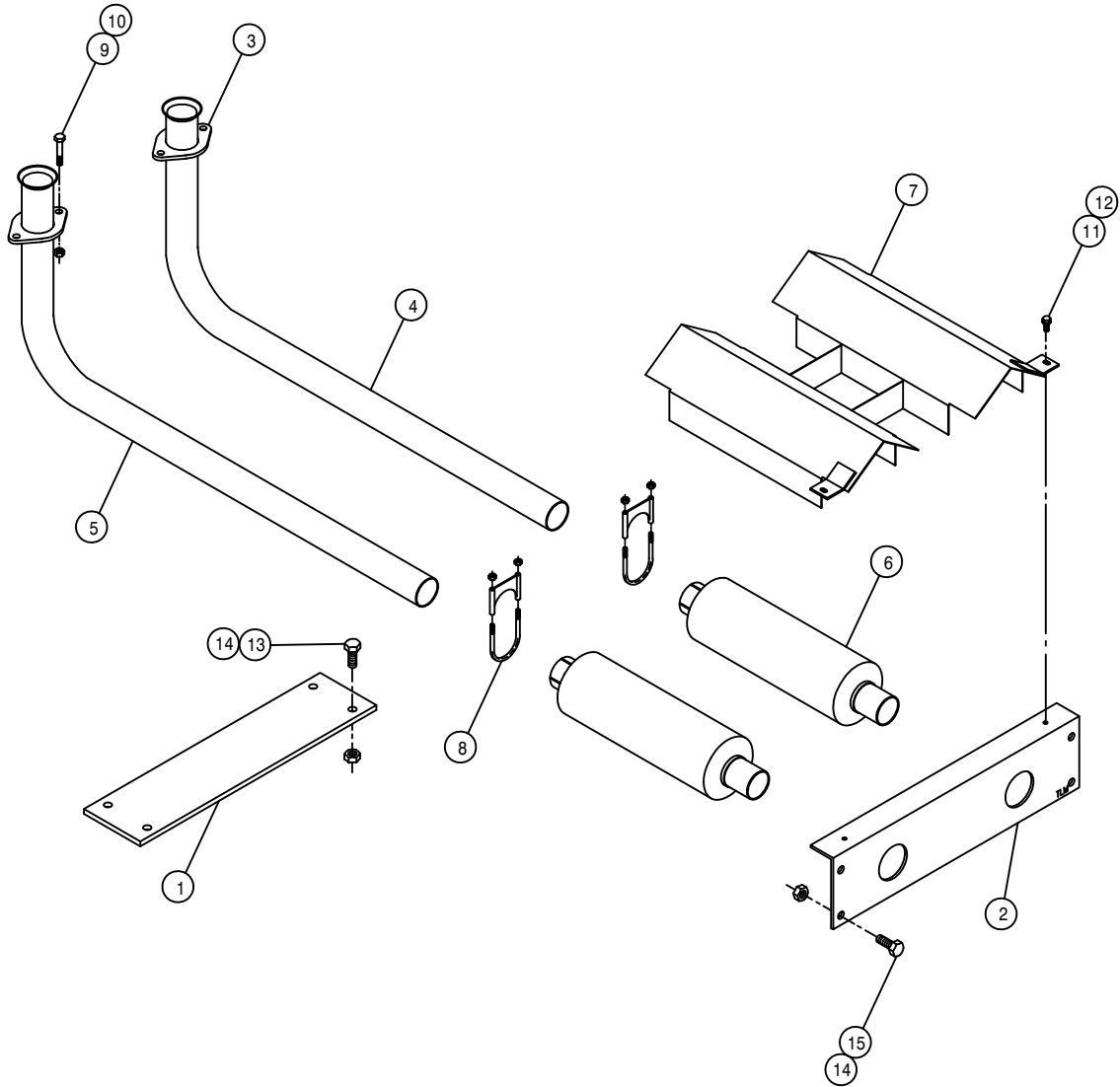




POSITRACTION VALVE ASSEMBLY

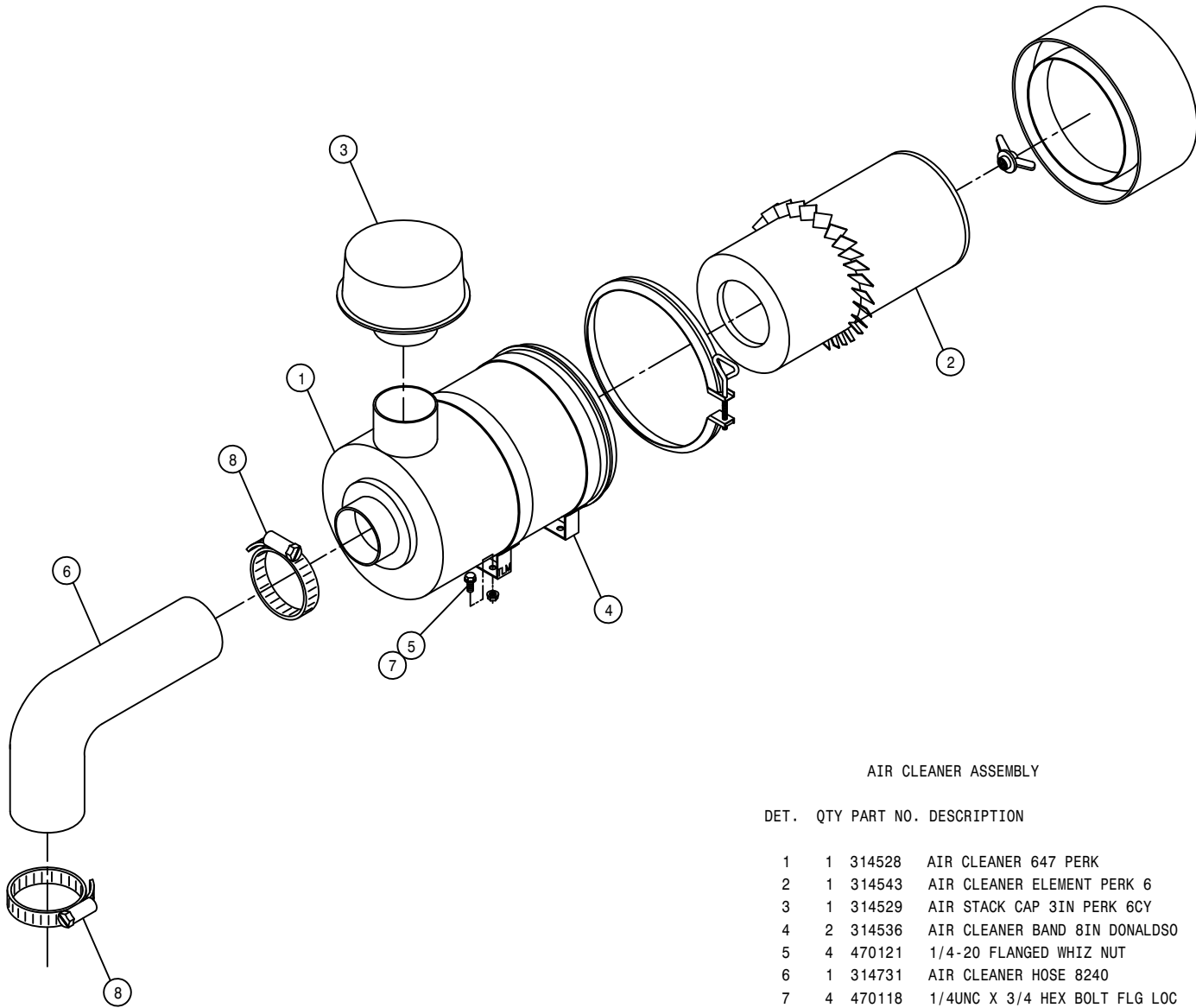
DET. QTY PART NO. DESCRIPTION

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

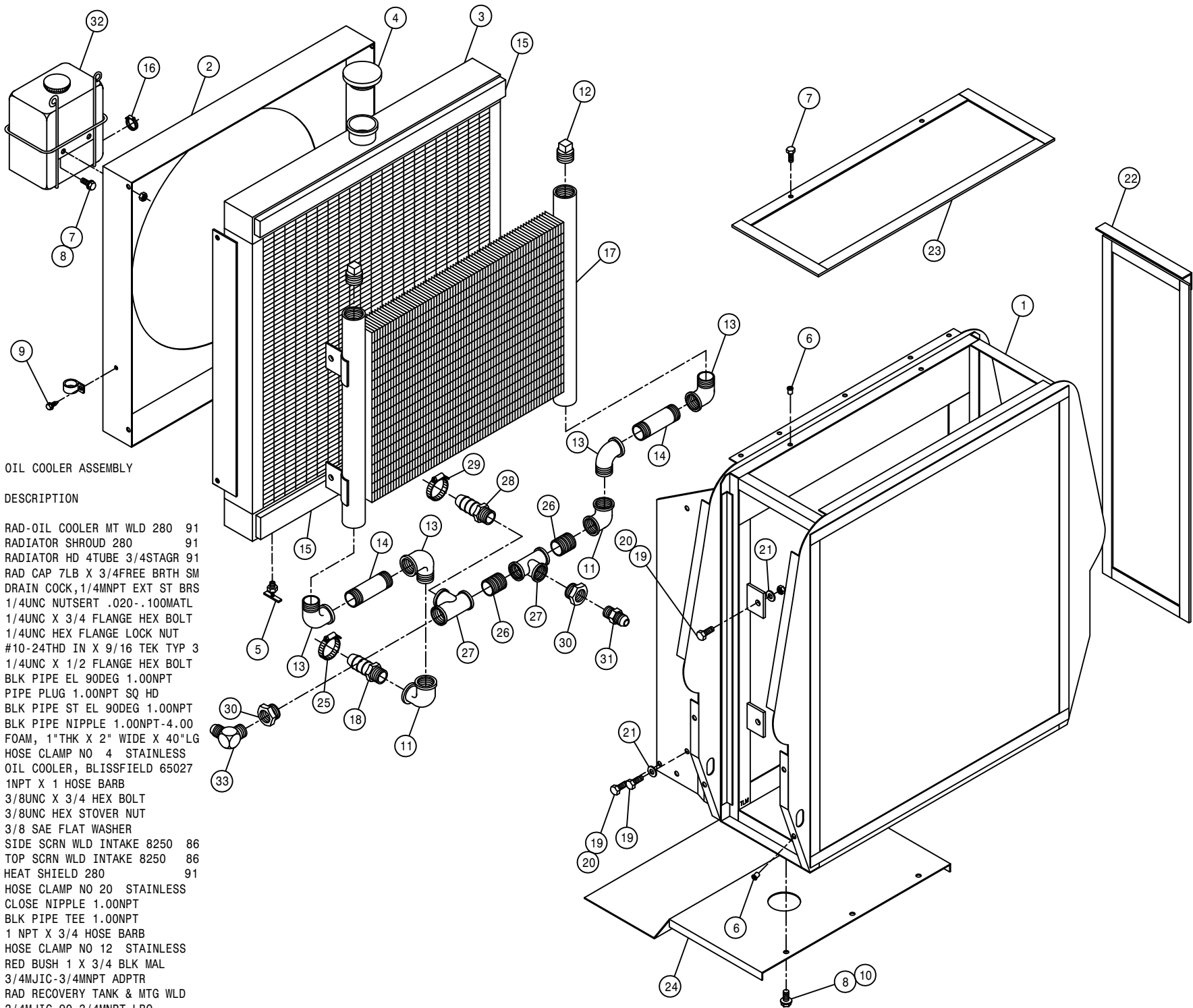
DET.	QTY	PART NO.	DESCRIPTION
1	1	361347	MAINFRAME TIE PLATE 200 318
2	1	361346	MAINFRAME REAR TIE ANGLE 280
3	2	314735	EXHAUST PIPE FLG 8240 318 82
4	1	314873	RH EXHAUST PIPE 200 CHRY 91
5	1	314874	LH EXHAUST PIPE 200 CHRY 91
6	2	319287	MUFFLER CHRY 440
7	1	341829	MUFFLER HEAT SHIELD WLD200 89
8	2	319327	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



AIR CLEANER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	314528	AIR CLEANER 647 PERK
2	1	314543	AIR CLEANER ELEMENT PERK 6
3	1	314529	AIR STACK CAP 3IN PERK 6CY
4	2	314536	AIR CLEANER BAND 8IN DONALDSON
5	4	470121	1/4-20 FLANGED WHIZ NUT
6	1	314731	AIR CLEANER HOSE 8240
7	4	470118	1/4UNC X 3/4 HEX BOLT FLG LOC
8	2	520052	HOSE CLAMP NO 52 PLATED



RADIATOR AND OIL COOLER ASSEMBLY

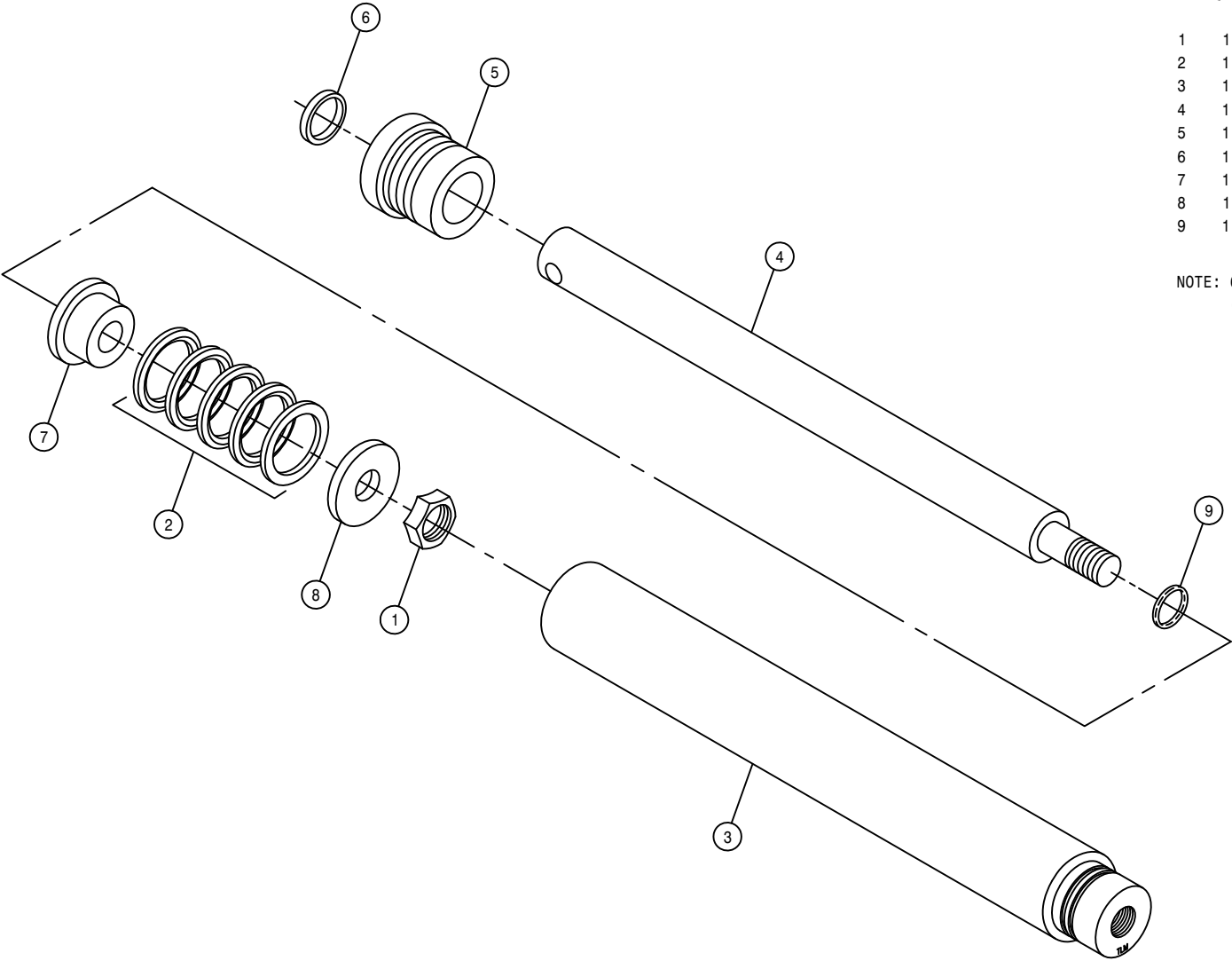
DET.	QTY	PART NO.	DESCRIPTION
	1	314863	RAD-OIL COOLER MT WLD 280 91
	2	314872	RADIATOR SHROUD 280 91
	3	314855	RADIATOR HD 4TUBE 3/4STAGR 91
	4	319257	RAD CAP 7LB X 3/4FREE BRTH SM
	5	319559	DRAIN COCK,1/4MNPT EXT ST BRS
	6	470086	1/4UNC NUTSERT .020-.100MATL
	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
	8	470121	1/4UNC HEX FLANGE LOCK NUT
	9	472352	#10-24THD IN X 9/16 TEK TYP 3
	3	470122	1/4UNC X 1/2 FLANGE HEX BOLT
	2	505300	BLK PIPE EL 90DEG 1.00NPT
	2	505102	PIPE PLUG 1.00NPT SQ HD
	4	505200	BLK PIPE ST EL 90DEG 1.00NPT
	2	505203	BLK PIPE NIPPLE 1.00NPT-4.00
	2	659579	FOAM, 1"THK X 2" WIDE X 40"LG
	1	520120	HOSE CLAMP NO 4 STAINLESS
	1	618606	OIL COOLER, BLISSFIELD 65027
	1	714560	1NPT X 1 HOSE BARB
	12	900128	3/8UNC X 3/4 HEX BOLT
	8	914004	3/8UNC HEX STOVER NUT
	8	920002	3/8 SAE FLAT WASHER
	2	314490	SIDE SCR N WLD INTAKE 8250 86
	1	314495	TOP SCR N WLD INTAKE 8250 86
	1	314871	HEAT SHIELD 280 91
	1	520087	HOSE CLAMP NO 20 STAINLESS
	2	505201	CLOSE NIPPLE 1.00NPT
	2	505101	BLK PIPE TEE 1.00NPT
	1	714331	1 NPT X 3/4 HOSE BARB
	1	520055	HOSE CLAMP NO 12 STAINLESS
	2	505213	RED BUSH 1 X 3/4 BLK MAL
	1	610300	3/4MJIC-3/4MNPT ADPTR
	1	314767	RAD RECOVERY TANK & MTG WLD
	1	610305	3/4MJIC-90-3/4MNPT LBO

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

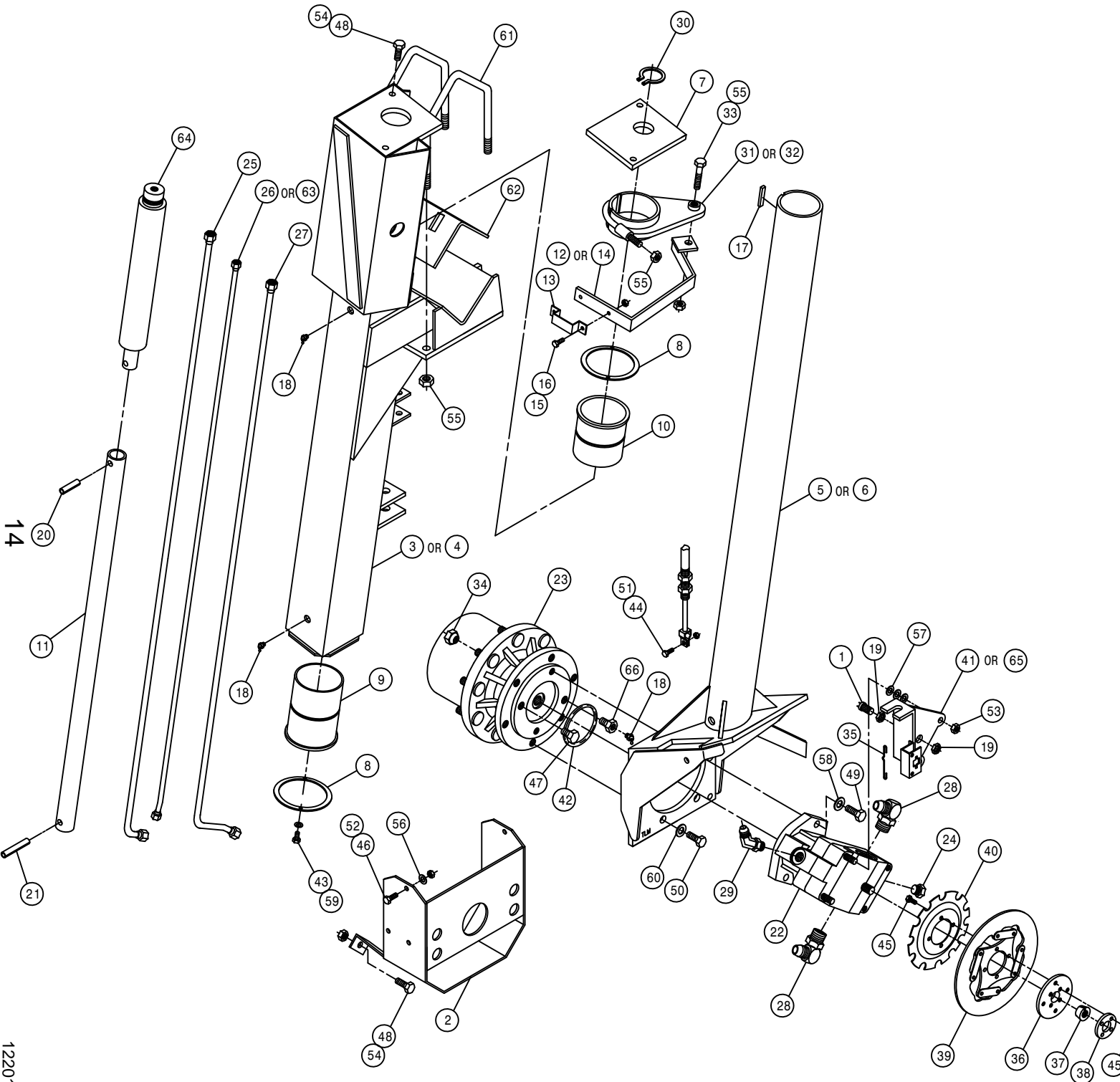
NOTE: 620570 - CYLINDER ASSEMBLY
620575 - SEAL KIT

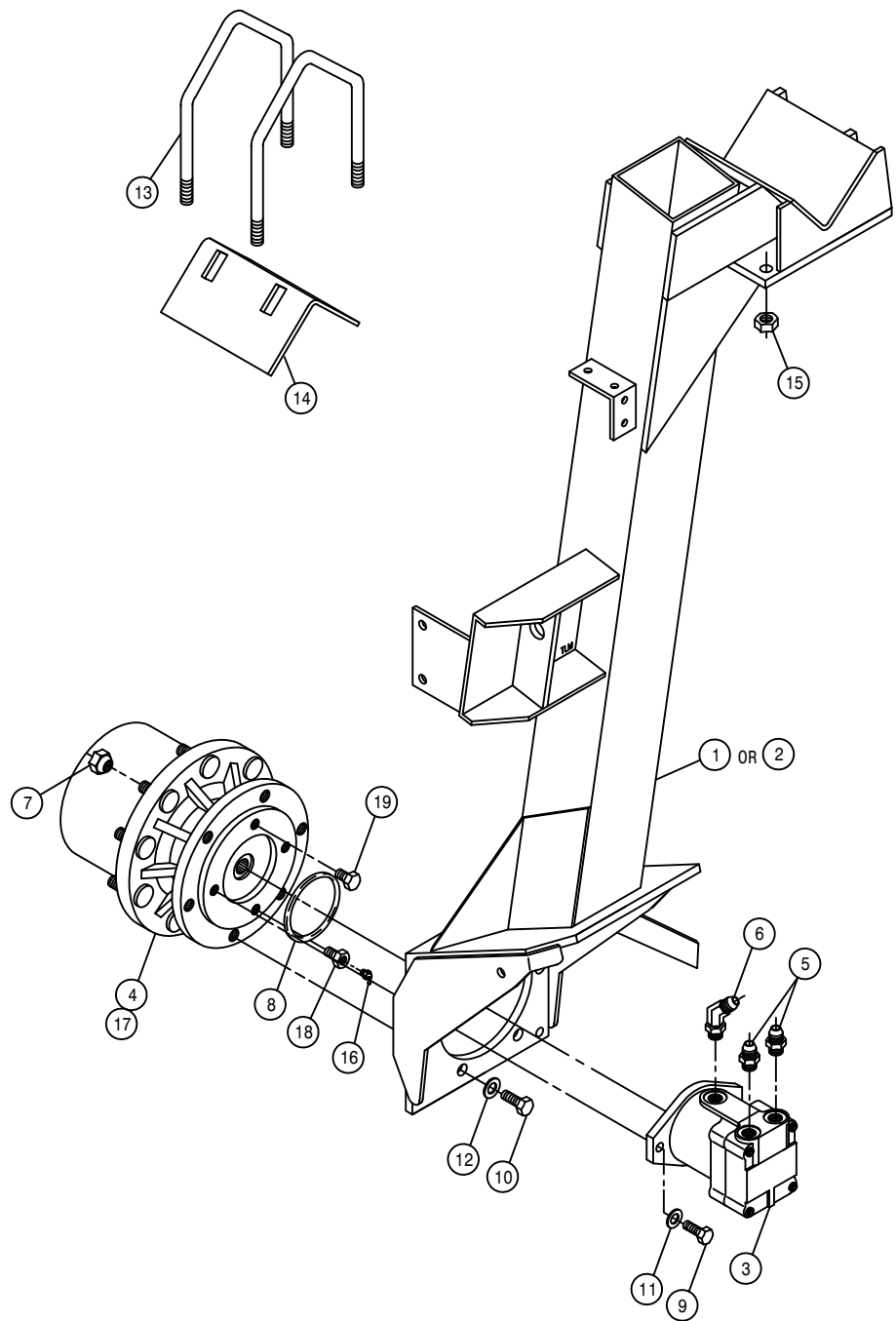


FRONT LEG ASSEMBLY

DET. QTY PART NO. DESCRIPTION

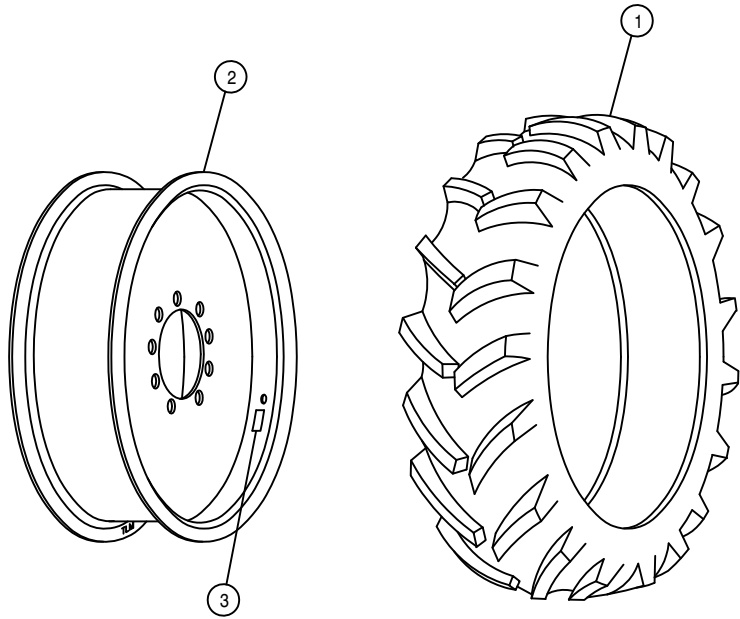
1	1	291206	SENSOR SPEEDO TACH	640
2	1	357704	WHL MTR SHLD WLD FRT B-MT8200	
3	1	357789	RH FRT OUTER LEG WLD 200	90
4	1	357790	LH FRT OUTER LEG WLD 200	90
5	1	358535	RH FRT INNER LEG WLD 280	89
6	1	358536	LH FRT INNER LEG WLD 280	89
7	1	358562	LEG CYL MTG PLATE 280	89
8	2	358563	FRT LEG BRG KPR 280	89
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	6	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	358426	5/8UNC 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	





REAR LEG ASSEMBLY

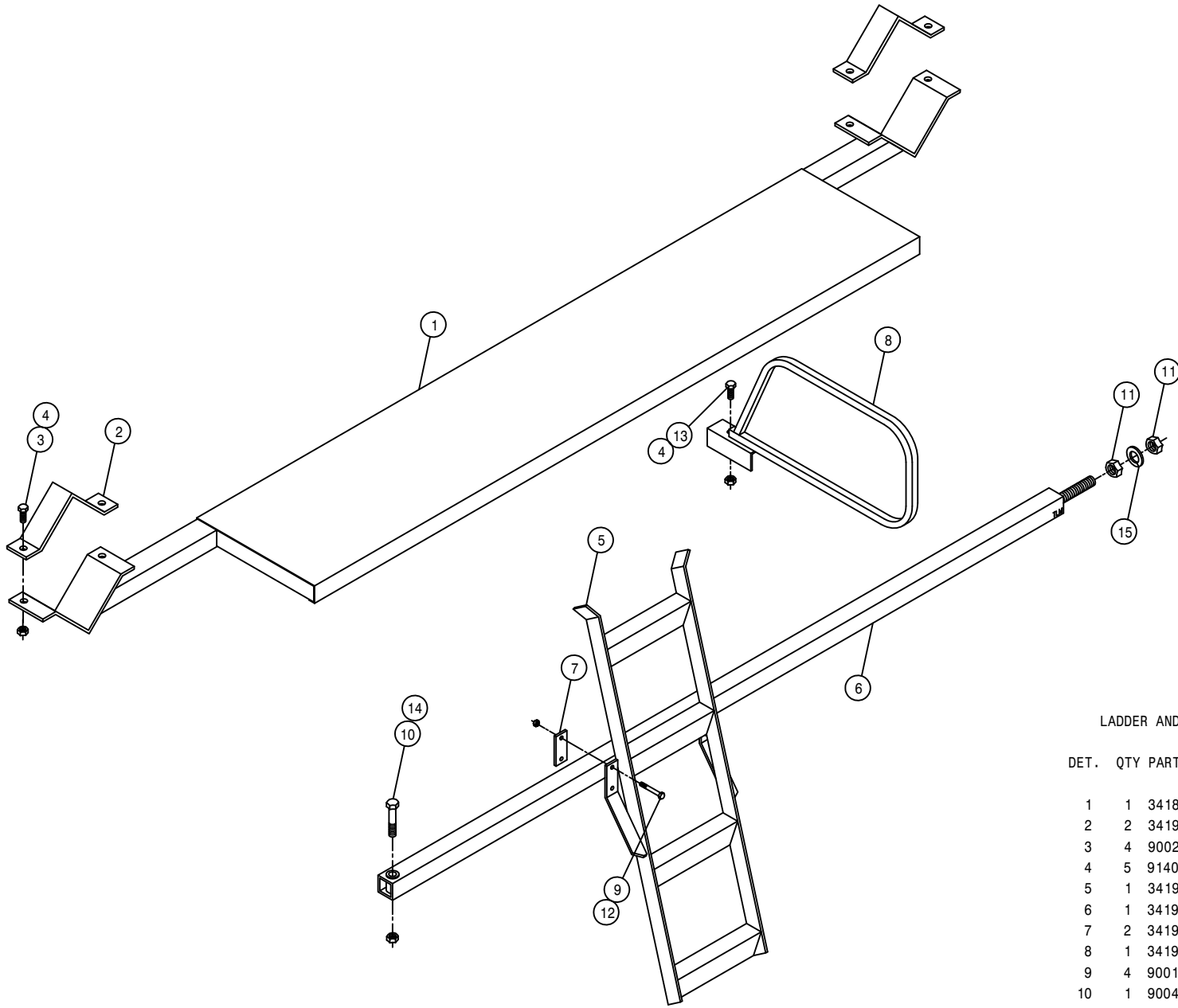
DET.	QTY	PART NO.	DESCRIPTION	
	1	357784	RH REAR LEG WLD 200	89
	2	357785	LH REAR LEG WLD 200	89
	3	610512	SUND M23 WHL MTR	
	4	610515	TORQ HUB 18 TO 1 B-MT W1BFNZ	
	5	611126	7/8MJIC-7/8MOR ADPTR	
	6	618496	9/16MJIC-45-3/4MOR LBO	
	7	824052	1/2UNF 60 DEG WHL NUT	
	8	870045	O RING 4 1/8 OD X 4 ID	
	9	900266	1/2UNC X 1 3/4 HEX BOLT	
	10	900333	5/8UNC X 1 1/2 HEX BOLT	
	11	920004	1/2 FLAT WASHER SAE	
	12	920505	LOCK WASHER 5/8	
	13	358426	5/8UNC X 7 9/16 CTR UBOLT TRI	
	14	358567	UPPER LEG V-PLATE WLD 280	89
	15	914010	5/8UNC HEX STOVER NUT	
	16	471023	GREASE ZERK 1/4-28 X 45	
	17	610552	SEAL BOOT FOR W1BFNZ TORQ HUB	
	18	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
	19	900260	1/2UNC X 1/2 HEX BOLT	



TIRE AND RIM ASSEMBLY

DET. QTY PART NO. DESCRIPTION

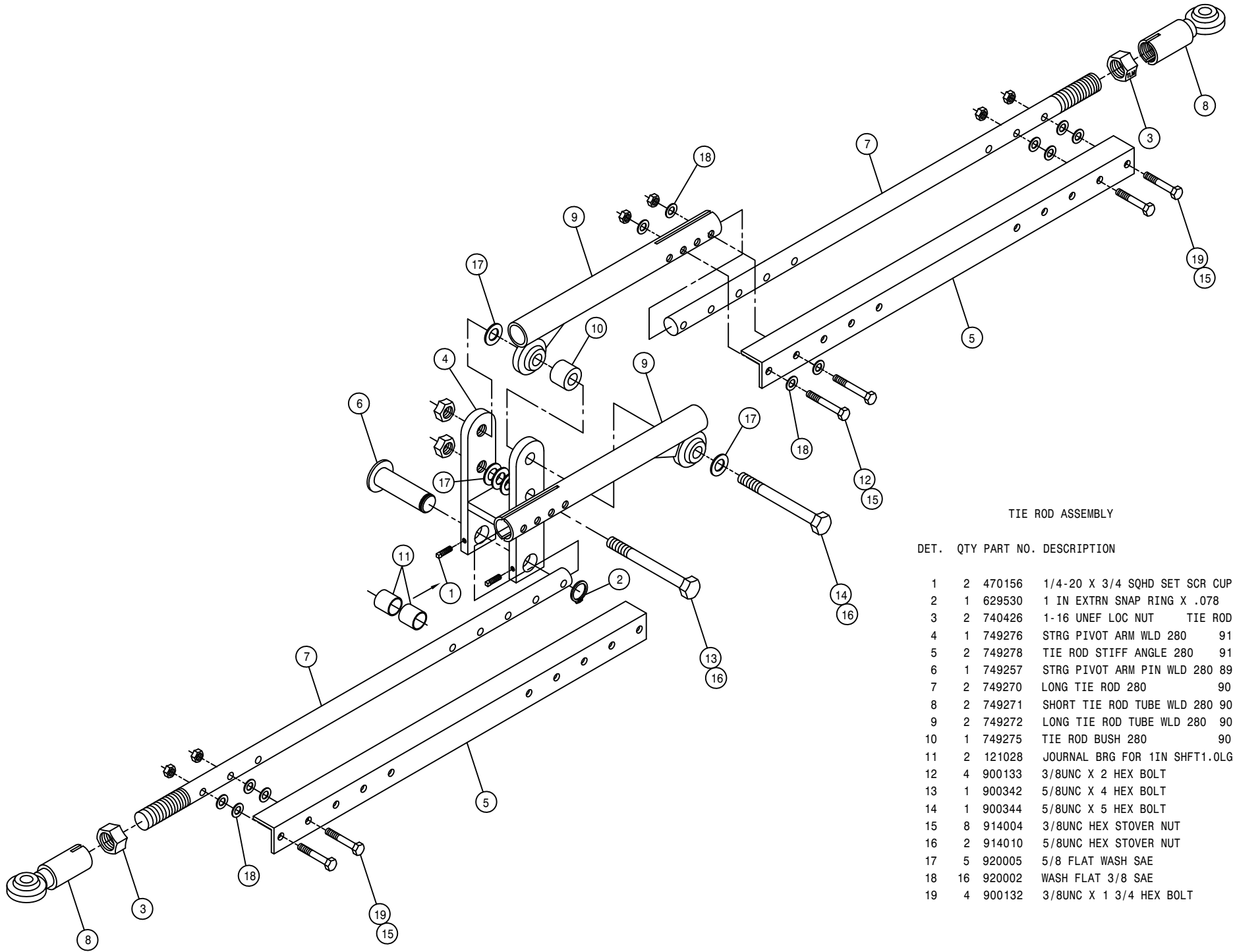
1	1	820001	12.4 X 28 4P TIRE TRACT F&R
2	1	820020	WHL WLD 12.4 X 28 200 89
3	1	650985	WHL BOLT TORQ DECAL 203854C



LADDER AND SERVICE PLATFORM ASSEMBLY

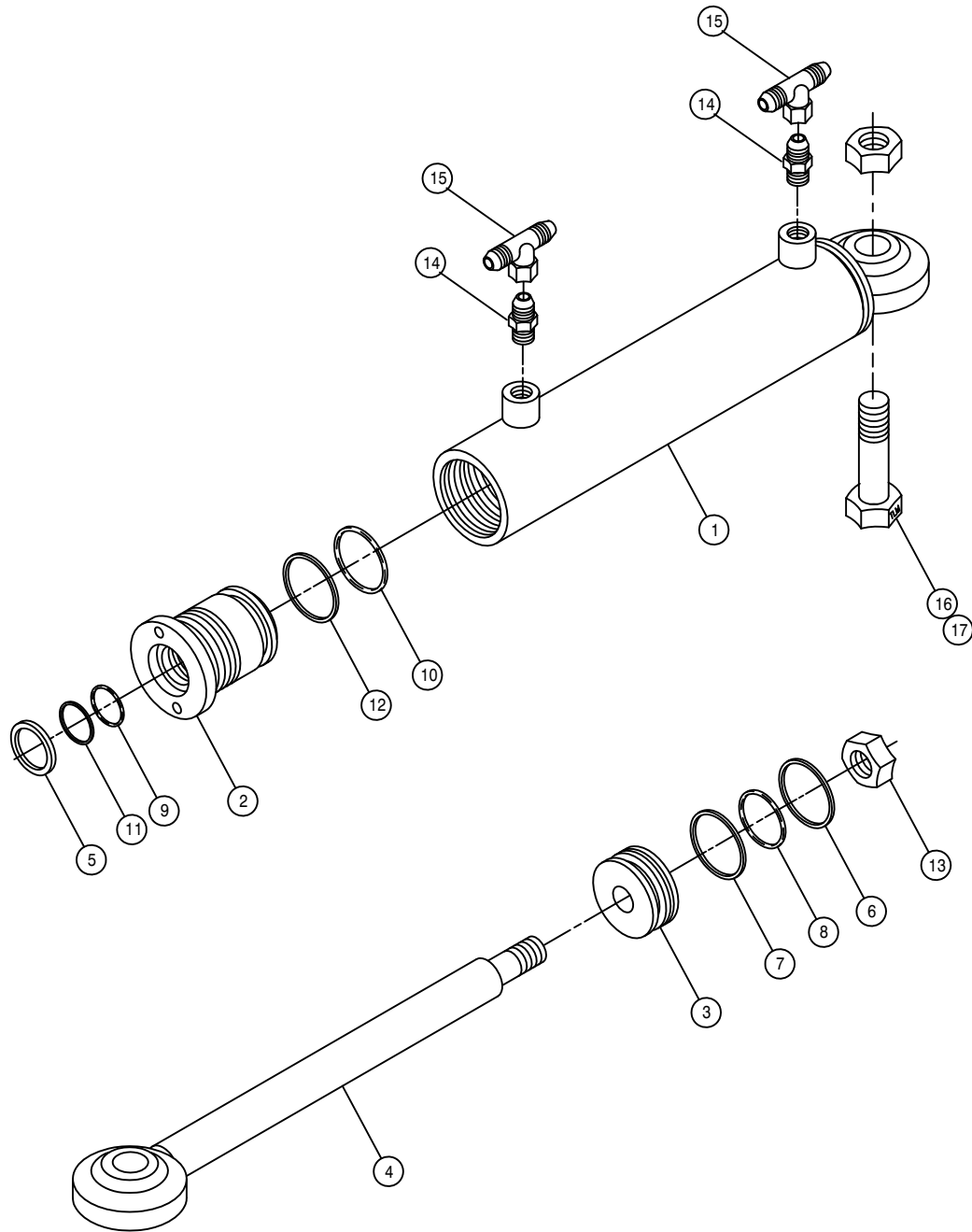
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION	
1	1	341895	SERVICE PLATFORM WLD 200-280	
2	2	341900	SERVICE PLATFORM MT KPR	90
3	4	900265	1/2UNC X 1 1/2 HEX BOLT	
4	5	914008	1/2 UNC STOVER NUT	
5	1	341908	200 LADDER WLD 200	90
6	1	341906	LEG BRACE WLD 200	90
7	2	341912	200 LADDER KEEPER	90
8	1	341913	200 HANDRAIL WLD	90
9	4	900136	3/8UNC X 3 HEX BOLT	
10	1	900410	3/4UNC X 4 HEX BOLT	
11	2	910017	1 IN UNC HEX NUT PLATED	
12	4	914004	3/8 UNC STOVER NUT	
13	1	900263	1/2UNC X 1 HEX BOLT	
14	1	914012	3/4 UNC STOVER NUT	
15	1	920508	LOCK WASH 1 IN	



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	1	749275	TIE ROD BUSH 280 90
11	2	121028	JOURNAL BRG FOR 1IN SHFT1.0LG
12	4	900133	3/8UNC X 2 HEX BOLT
13	1	900342	5/8UNC X 4 HEX BOLT
14	1	900344	5/8UNC X 5 HEX BOLT
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
19	4	900132	3/8UNC X 1 3/4 HEX BOLT



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

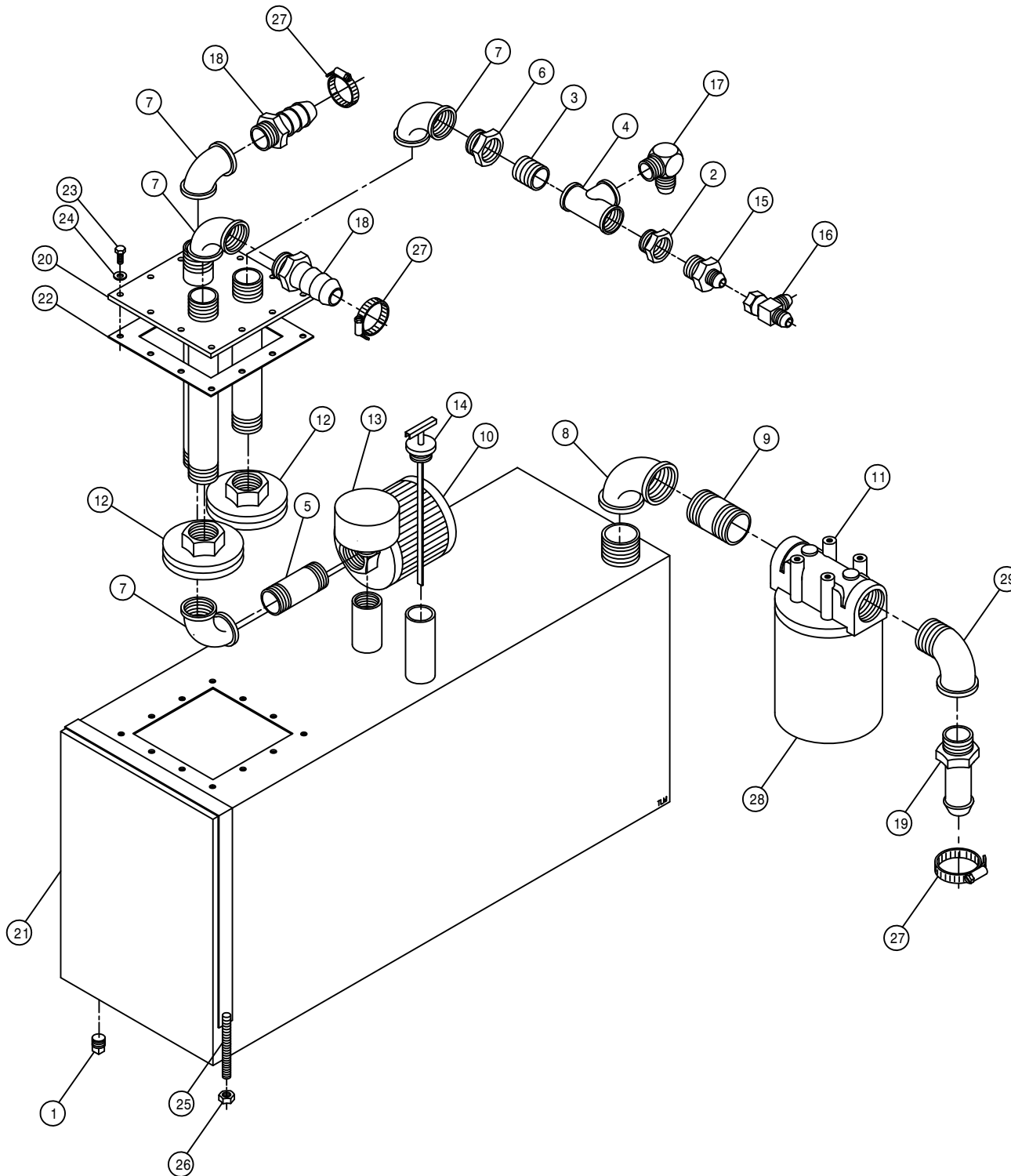
2. 620080 - CYLINDER ASSEMBLY

3. 620998 - SEAL KIT

HYDRAULIC TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

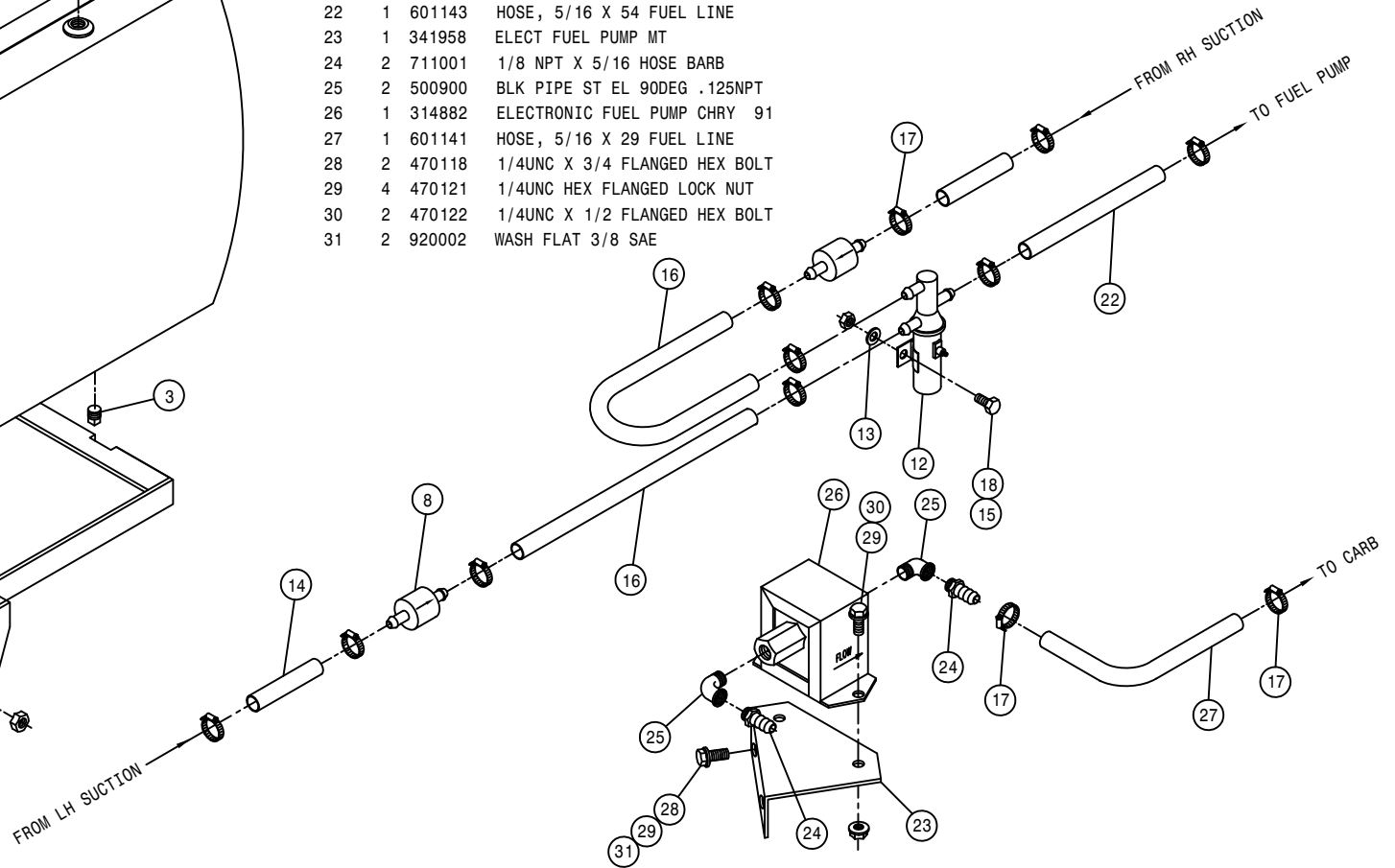
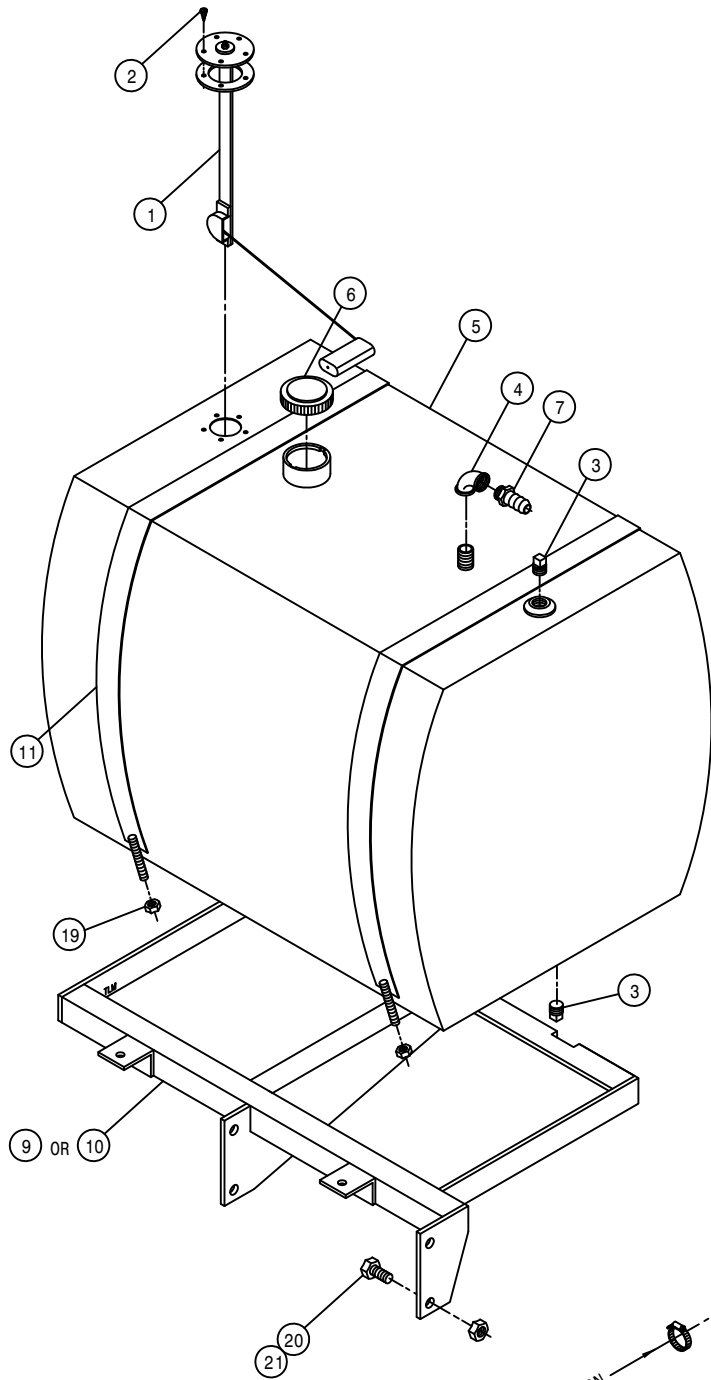
1	1	501102	1/4 PIPE PLUG
2	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
3	1	504702	CLOSE NIPPLE .75NPT
4	1	504955	BLK PIPE TEE .75NPT
5	1	505203	BLK PIPE NIPPLE 1.00NPT-4.00
6	1	505213	RED BUSH 1 X 3/4 BLK MAL
7	4	505300	BLK PIPE EL 90DEG 1.00NPT
8	1	506303	BLK PIPE EL 90DEG 1.25NPT
9	1	506602	PIPE NIPPLE 1 1/4NPT-2 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

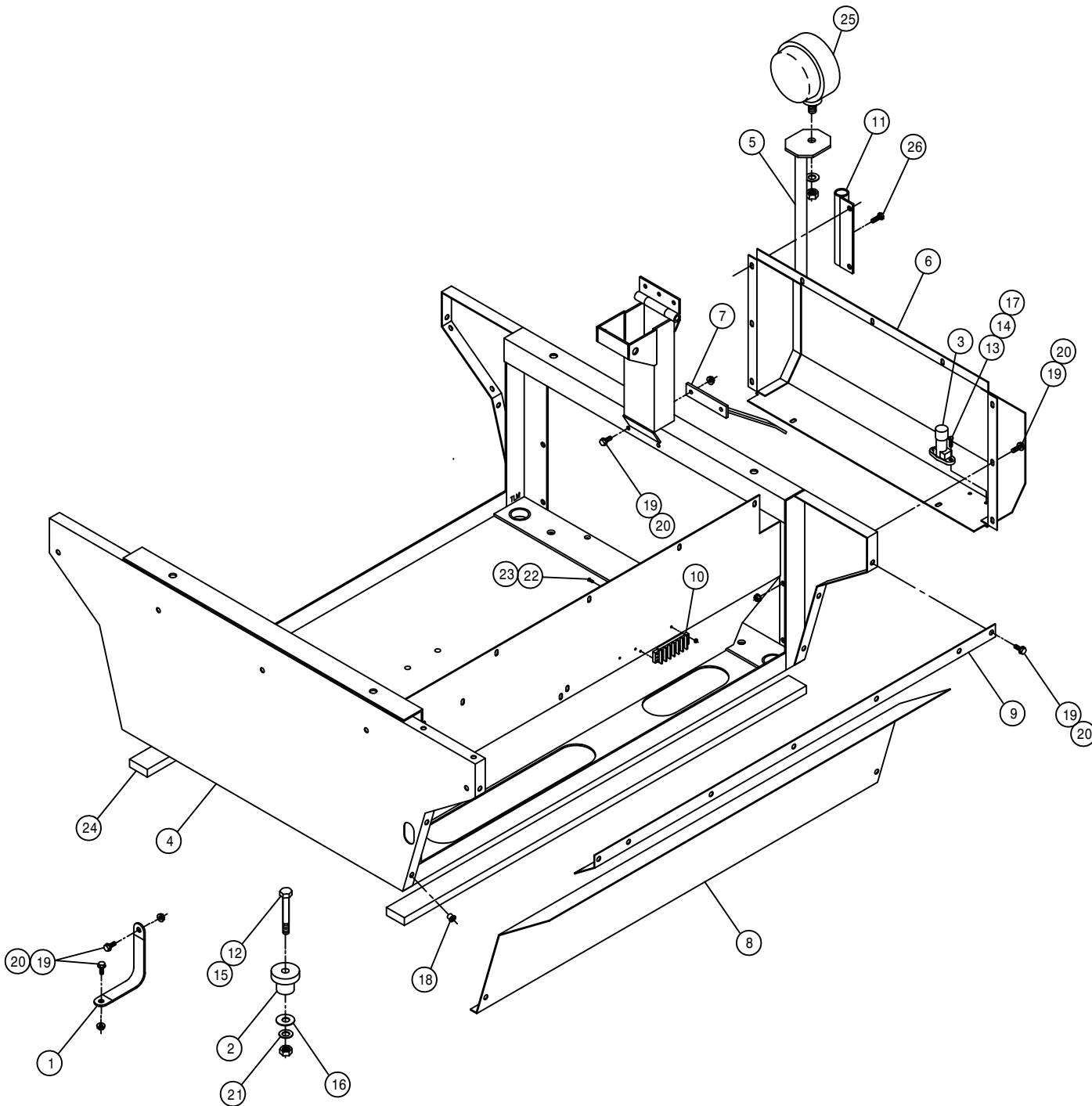


FUEL TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

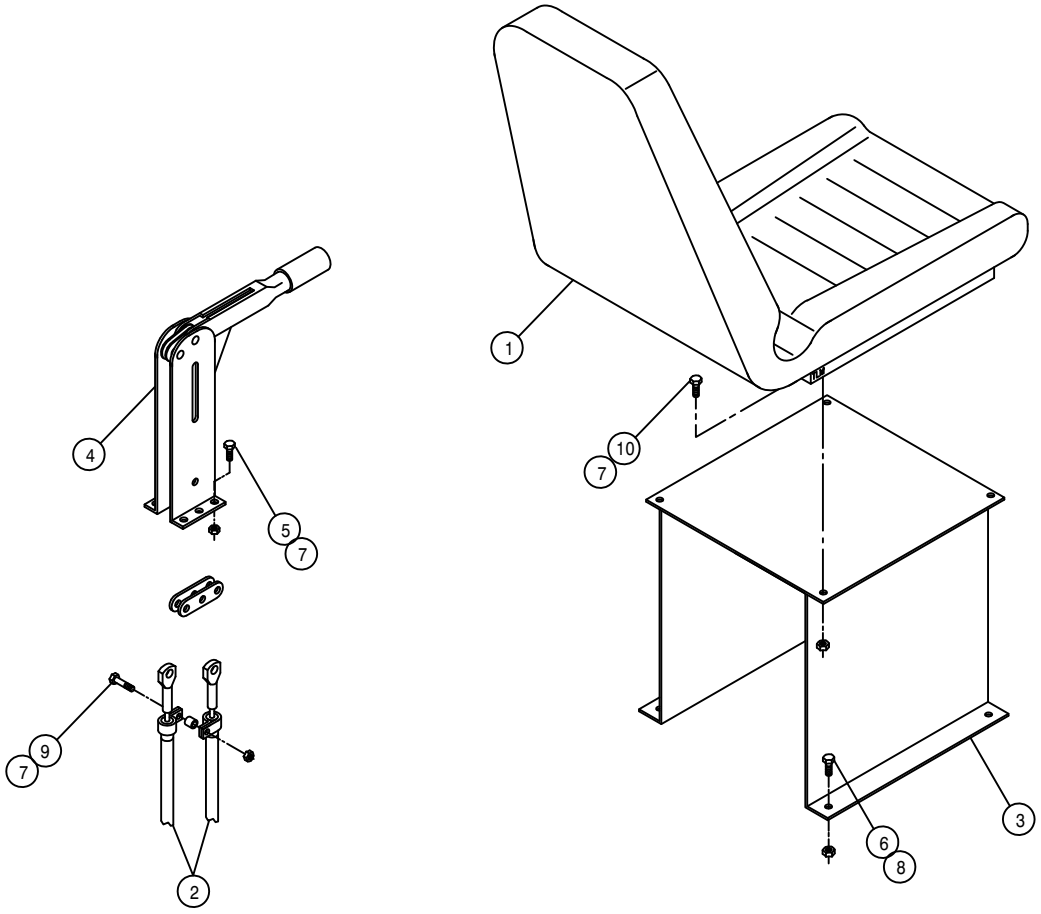
1	1	291428	FUEL SENDER 19 IN 470 PINTO
2	5	473902	NO 8 X 1/2 PAN HD MET SC 640
3	2	501102	1/4 PIPE PLUG
4	1	501451	BLK PIPE EL 90DEG .25NPT
5	1	760149	FUEL TANK WLD 200-280 90
6	1	761200	GAS CAP
7	1	783303	HOSE BARB 1/4 NPT X 5/16 HOSE
8	2	319612	GAS LINE FILT NAPA3012&FRAM
9	1	760153	RH FUEL TNK MT 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	1	610411	FUEL SELECTOR VALVE AUX TANK
13	2	920000	1/4 FLAT WASH SAE
14	2	601138	HOSE, 5/16 X 3 FUEL LINE
15	2	914000	1/4UNC HEX STOVER NUT
16	2	601299	HOSE, 5/16 X 82IN FUEL LINE
17	12	520120	HOSE CLAMP NO 4 PLATED MINI
18	2	900002	1/4UNC 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	601143	HOSE, 5/16 X 54 FUEL LINE
23	1	341958	ELECT FUEL PUMP MT
24	2	711001	1/8 NPT X 5/16 HOSE BARB
25	2	500900	BLK PIPE ST EL 90DEG .125NPT
26	1	314882	ELECTRONIC FUEL PUMP CHRY 91
27	1	601141	HOSE, 5/16 X 29 FUEL LINE
28	2	470118	1/4UNC X 3/4 FLANGED HEX BOLT
29	4	470121	1/4UNC HEX FLANGED LOCK NUT
30	2	470122	1/4UNC X 1/2 FLANGED HEX BOLT
31	2	920002	WASH FLAT 3/8 SAE





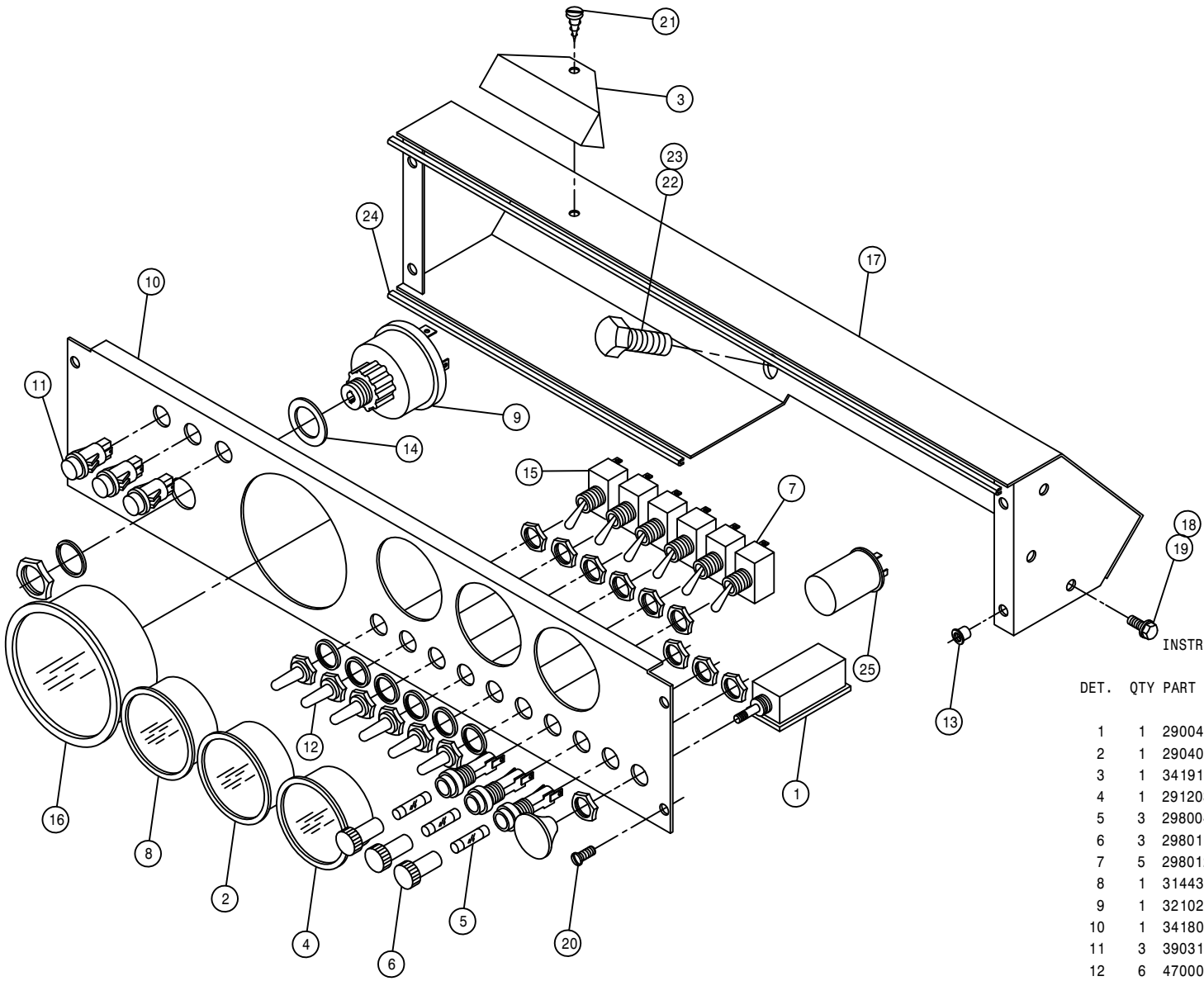
OPERATOR STATION ASSEMBLY

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	4	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



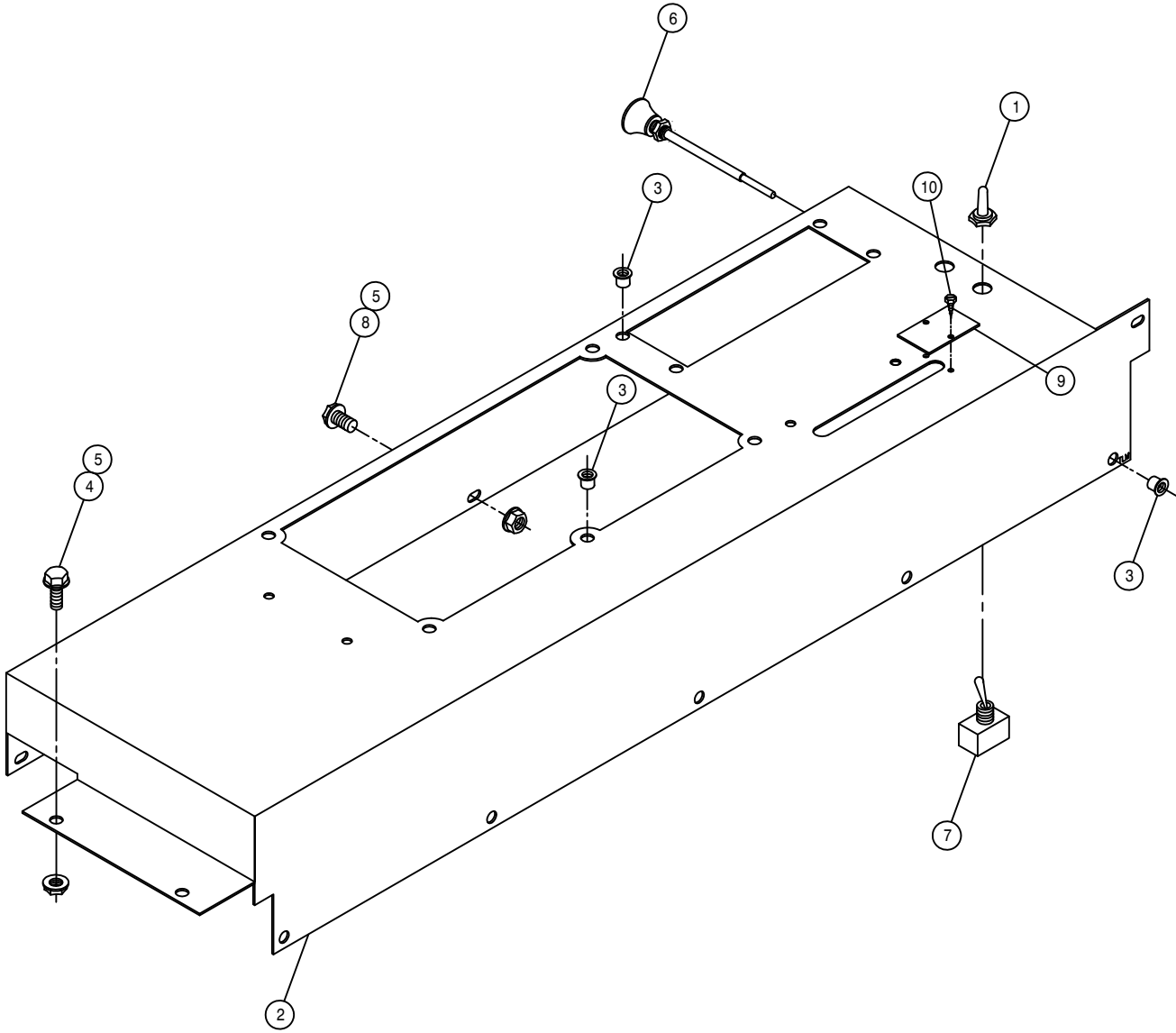
SEAT AND BRAKE ASSEMBLY

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

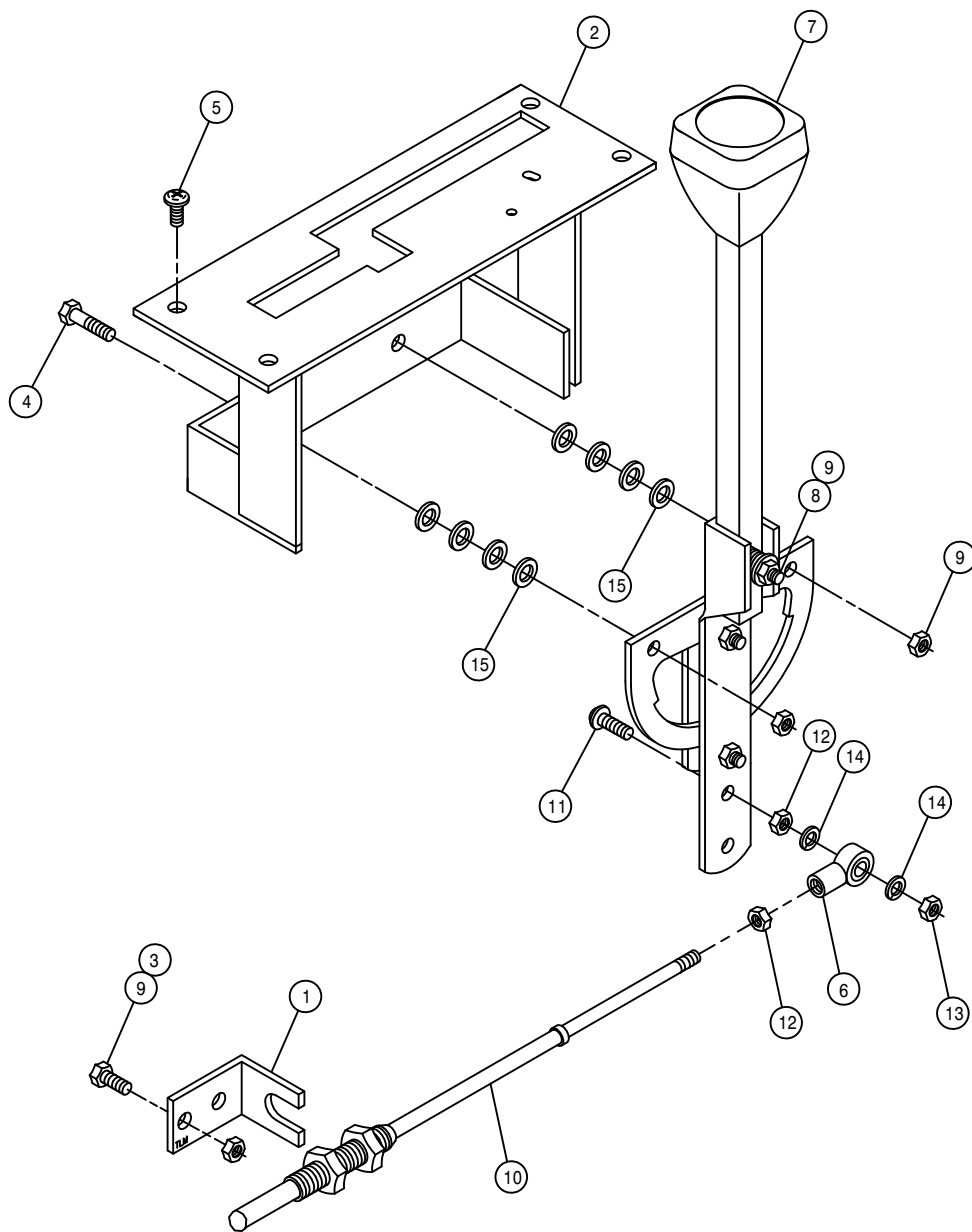
DET.	QTY	PART NO.	DESCRIPTION
1	1	290046	LIGHT SWITCH TWO POSITION
2	1	290401	FUEL GAUGE FOR 2.125 DIA HOLE
3	1	341916	200 DASH SUN SHIELD 90
4	1	291203	HOUR METER 640
5	3	298004	20 AMP FUSE SFE 20
6	3	298011	FUSE HOLDER
7	5	298012	TOGGLE SWITCH
8	1	314436	TEMP GA 100-280 DEG LIGHTED
9	1	321020	IGN SWITCH 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	NUTSERT 10-32 .020-100 GR
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 HSNQ WLD 280
18	1	470118	1/4UNC X 3/4 HEX BOLT FLG LOC
19	1	470121	1/4-20 FLANGED WHIZ 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	1/2 UNC STOVER NUT
24	2	193011	EDGE GUARD, BLK
25	1	473917	FLASHER SAE 536 640



CONSOLE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

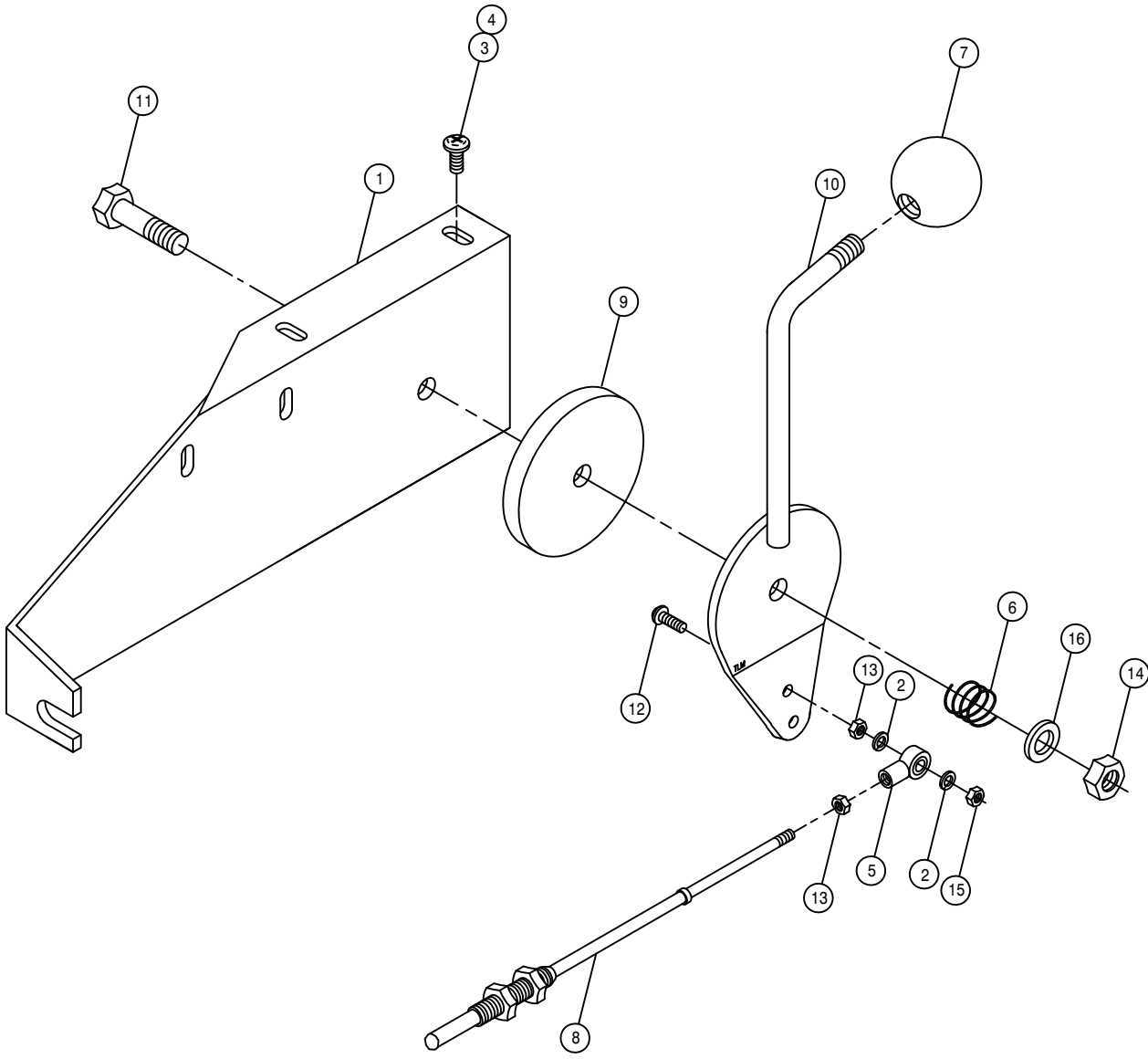
1	1	470001	RUBBER BOOT W NUT FOR 298012
2	1	341802	CONSOLE WLDMT 200 89
3	15	470086	NUTSERT, 1/4UNC .020-.100GR
4	3	470118	1/4UNC X 3/4 HEX BOLT FLG LOC
5	7	470121	1/4-20 FLANGED WHIZ NUT
6	1	780101	CHOKE CONTROL 144 IN TB2
7	1	610412	TOGGLE SWITCH FOR FUEL VLV
8	4	470122	1/4UNC X 1/2 HEX BOLT FLG LOC
9	1	341626	THROTTLE STOP
10	2	473994	SCREW, HH SHT MTL 6/32X 3/8AB



HYDROSTATIC LEVER ASSEMBLY

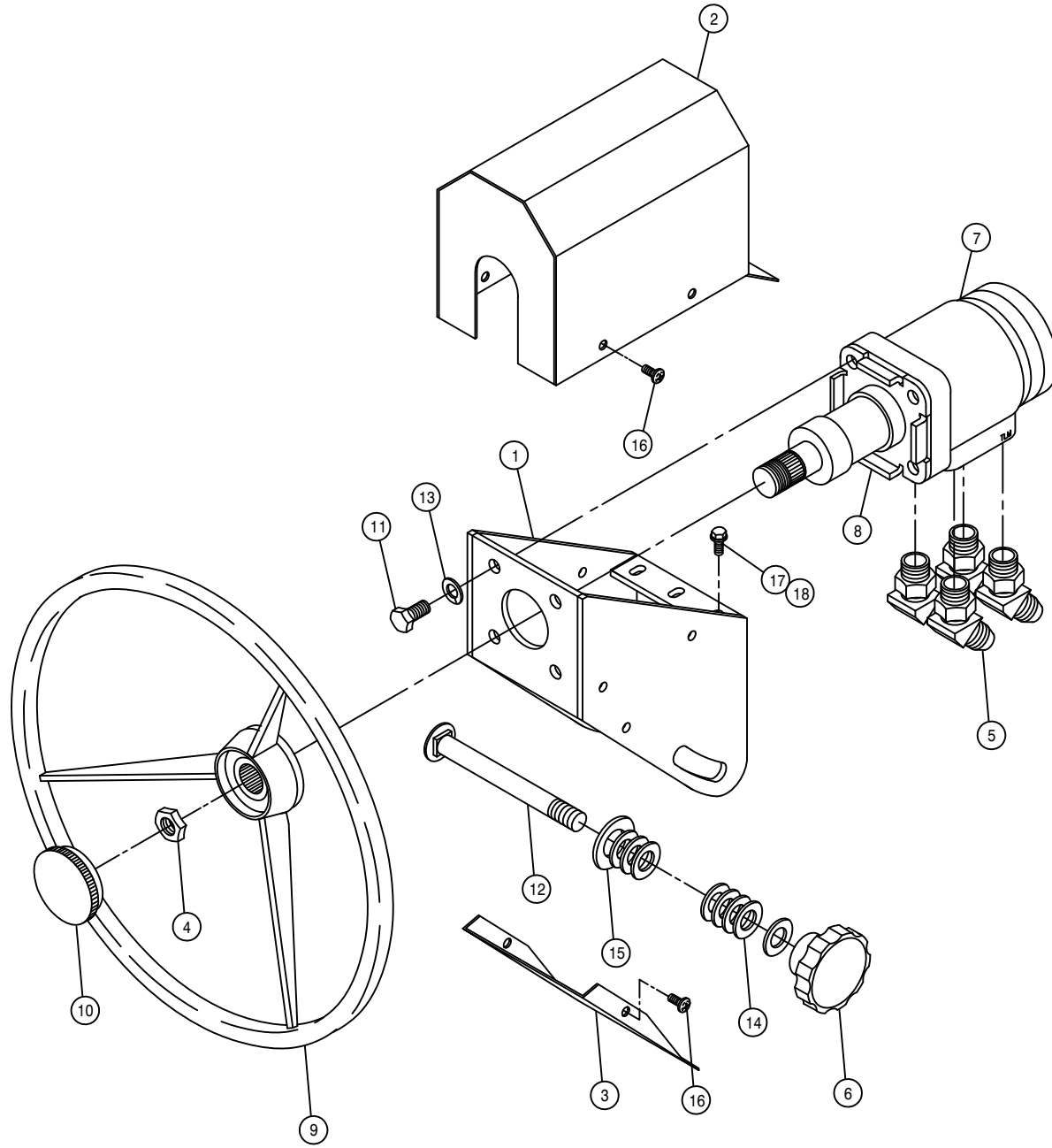
DET. QTY PART NO. DESCRIPTION

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

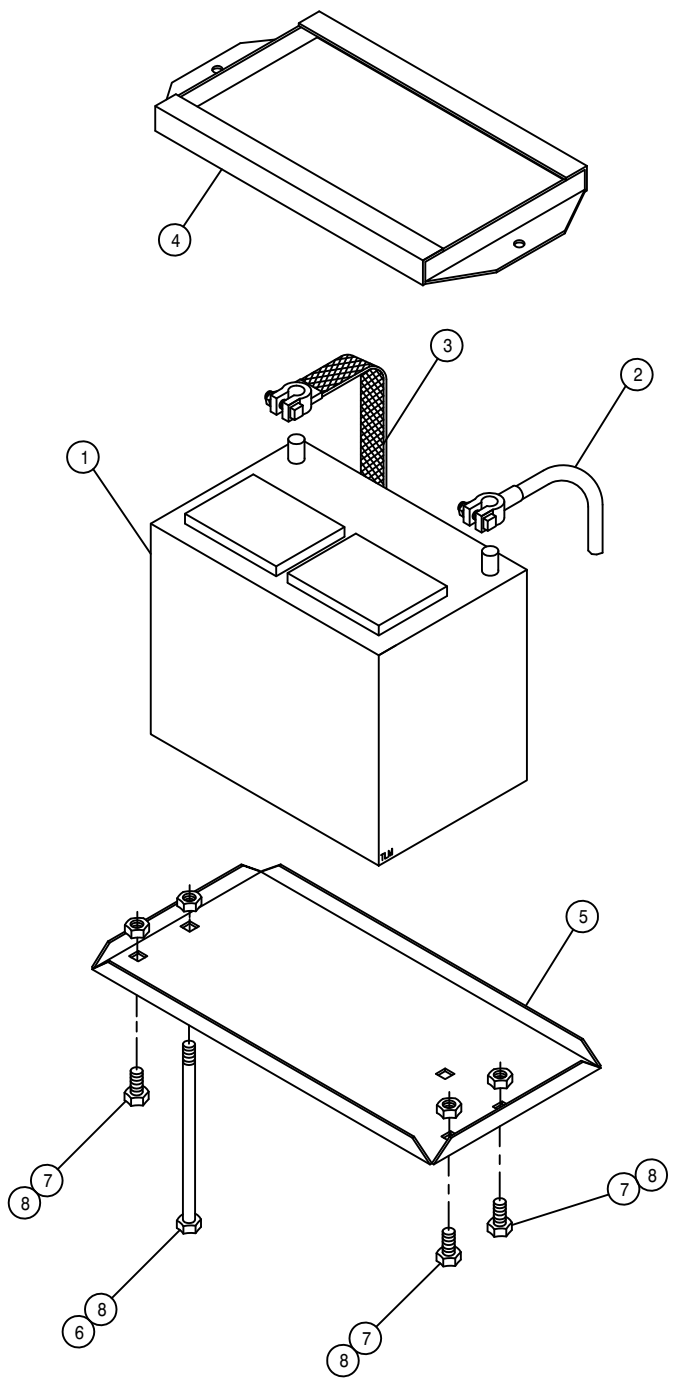
DET.	QTY	PART NO.	DESCRIPTION	
	1	341689	THROTTLE LEVER MT 280	89
	2	920510	LOCK WASH NO 10	
	2	903711	MACH SCR 1/4-20X3/4 PHIL PNHD	
	2	470121	1/4-20 FLANGED WHIZ NUT	
	1	473921	BALL JOINT NO 10-32 THD	
	1	499001	SPRING HYDRO CONTROL	
	1	659292	1 7/8 DIA BALL KNOB 3/8-16	
	1	785003	CTRL CABLE 10-32 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	



STEERING WHEEL ASSEMBLY

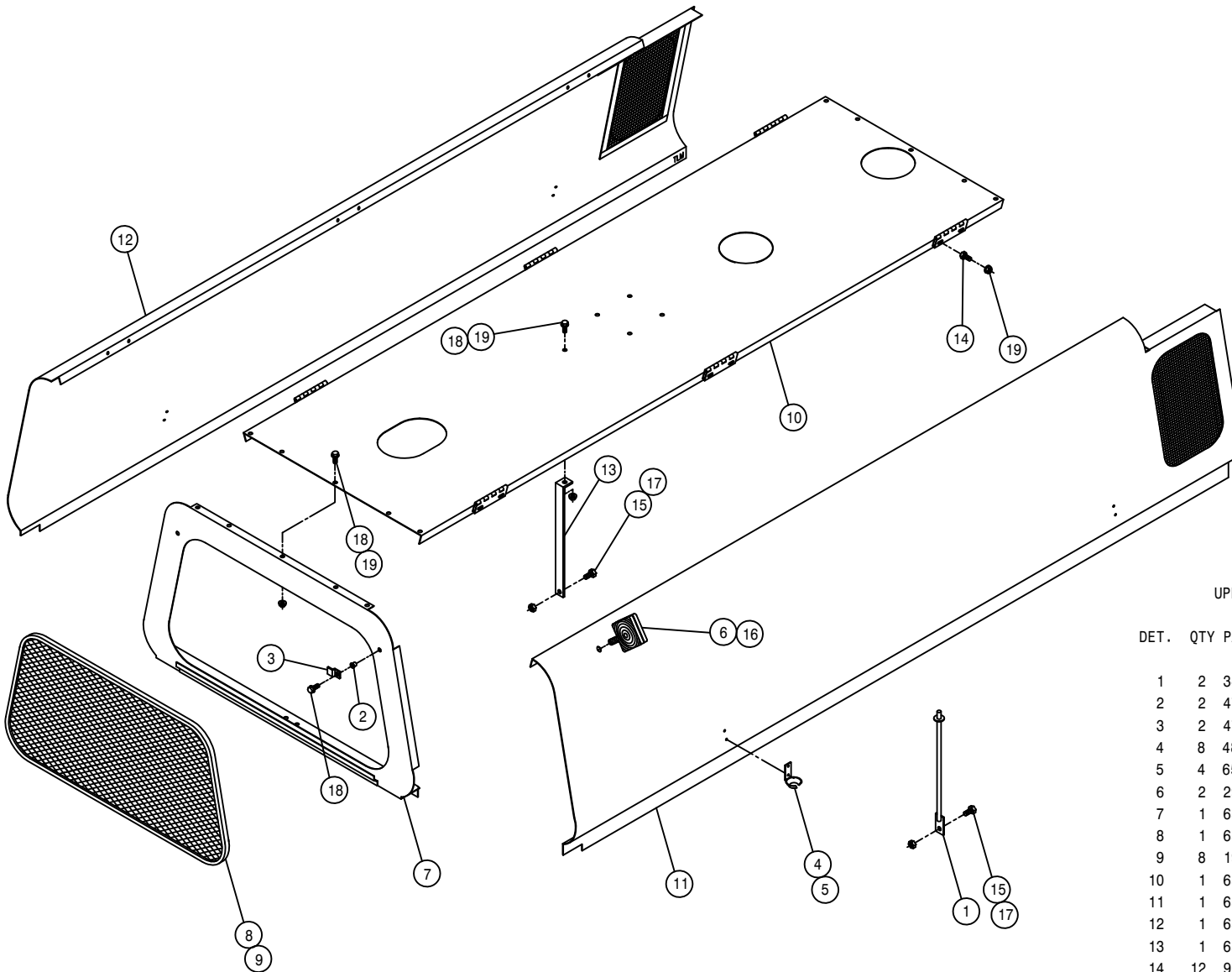
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	341691	STRG MTR PIVOT HSNGLD 280
2	1	341695	STRG MTR COVER WELD 280 89
3	1	341705	STRG MTR LWR COVER 280 89
4	1	470157	13/16-20UNEF HEX NUT STRG WHL
5	4	618496	9/16MJIC-45-3/4MOR LBO
6	1	742502	STRG ADJ KNOB 440
7	1	749150	STRG MTR NON-LOAD REACT 1008
8	1	749178	STRG COLUMN 2.5IN LONG
9	1	749245	STRG WHL 14.0 DIA W/CAP
10	1	749244	STRG WHL CAP FOR 749245
11	4	900130	3/8UNC X 1 1/4 HEX BOLT
12	1	901276	1/2UNC X 5 CARR BOLT
13	4	920002	WASH FLAT 3/8 SAE
14	8	920004	1/2 FLAT WASHER SAE
15	1	920005	5/8 FLAT WASH SAE
16	6	903708	MACH SCR 1/4-20X1/2 PHIL PNHD
17	3	470118	1/4UNC X 3/4 FLANGED HEX BOLT
18	3	470121	1/4UNC HEX FLANGED LOCK NUT



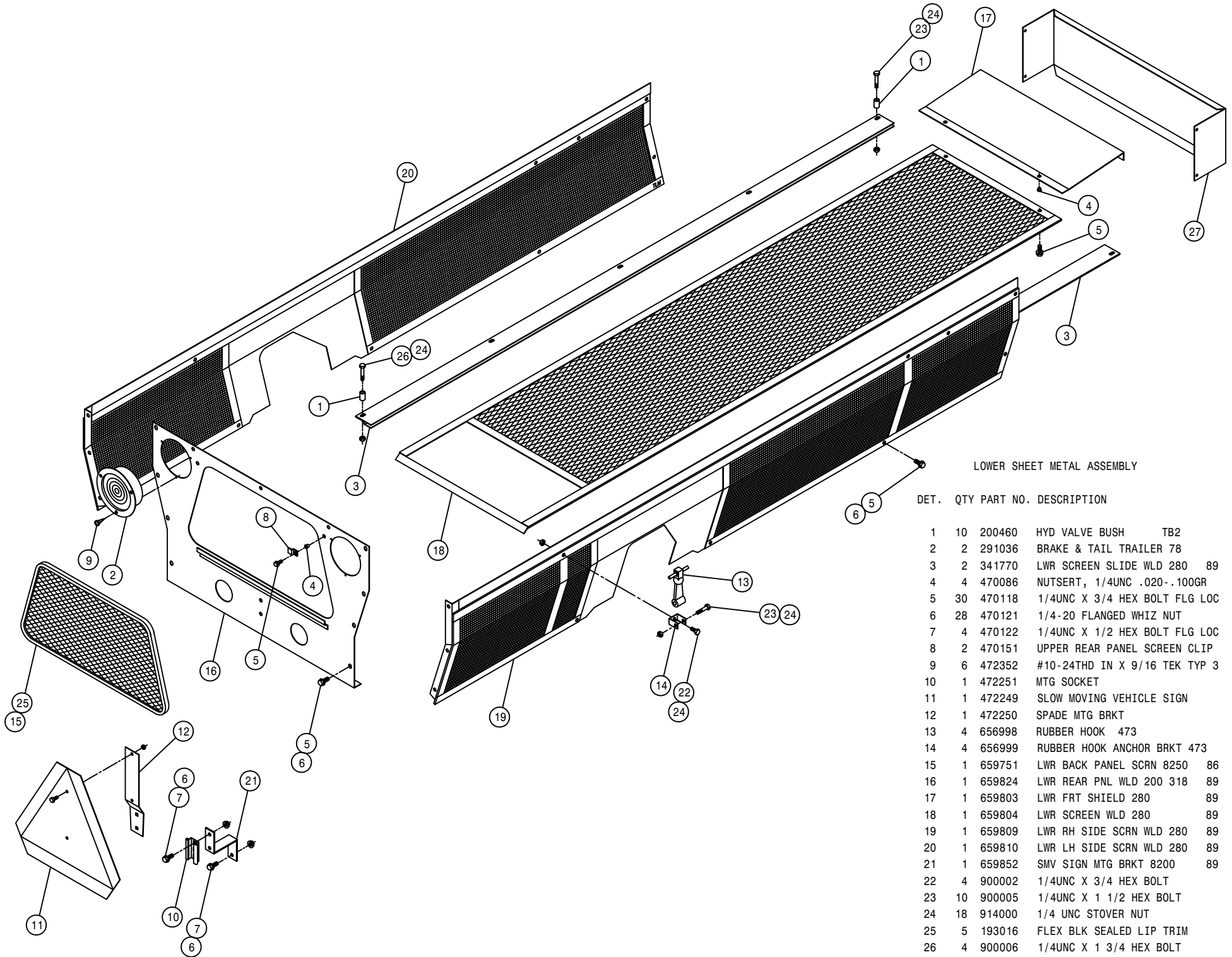
BATTERY BOX ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	290013	BATT 12V 90AH LT WARRANTY
2	1	291128	BATTERY CABLE 48 IN
3	1	290111	GROUND STRAP
4	1	290212	HOLD DOWN BATT W/CLAMPS
5	1	361149	BATTERY BOX 8300-8400 1981
6	2	901149	3/8UNC X 8 1/2 CARR BOLT
7	3	900128	3/8UNC X 3/4 HEX BOLT
8	5	914004	3/8 UNC STOVER NUT



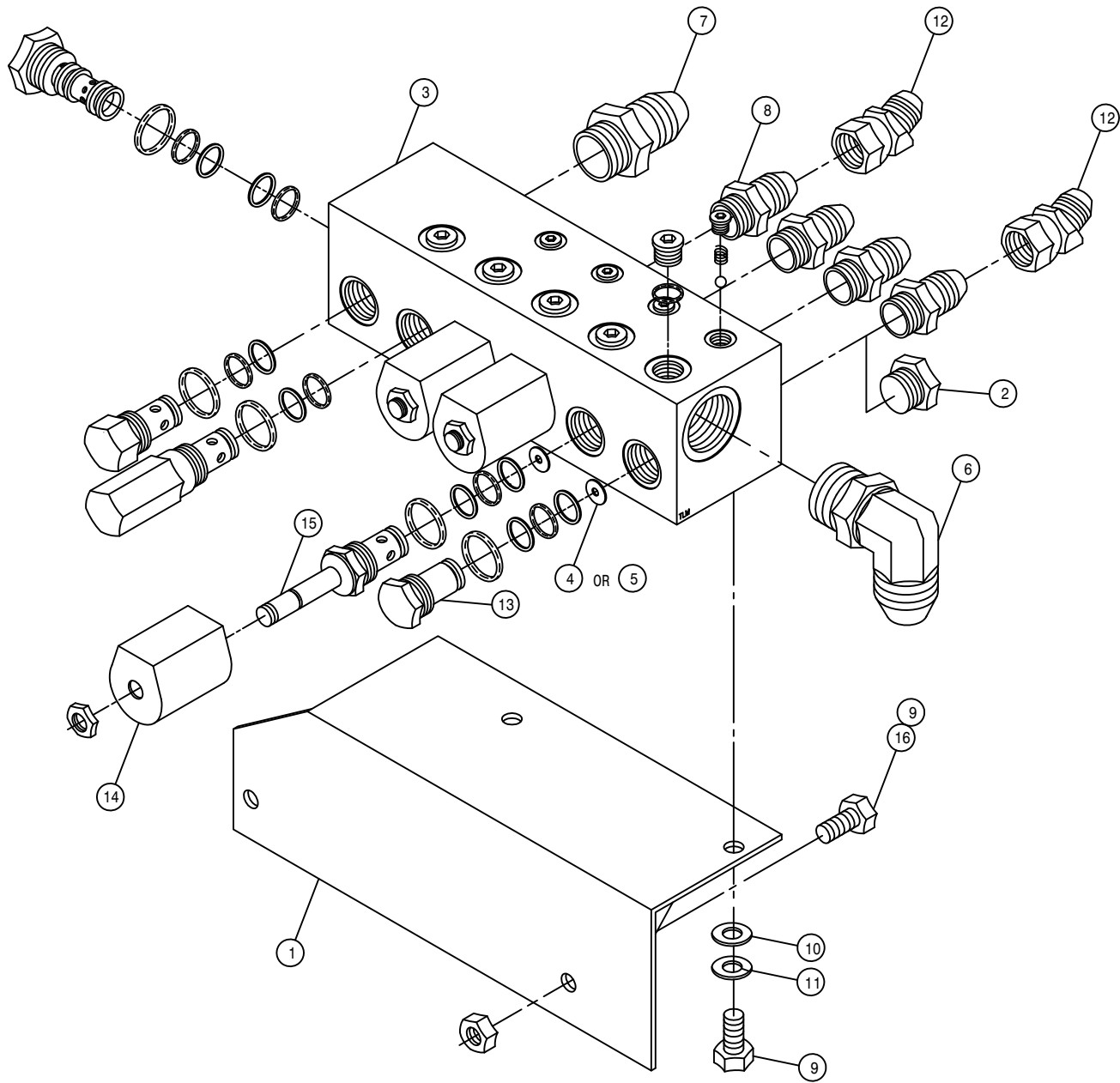
UPPER SHEET METAL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	2	341356 ENGINE HOOD PROP WLD 8240 82
	2	2	470086 NUTSERT, 1/4UNC .020-.100GR
	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 FLEX BLK SEALED LIP TRIM
	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 3/8 UNC STOVER NUT
	18	13	470118 1/4UNC X 3/4 HEX BOLT FLG LOC
	19	25	470121 1/4-20 FLANGED WHIZ NUT



LOWER SHEET METAL ASSEMBLY

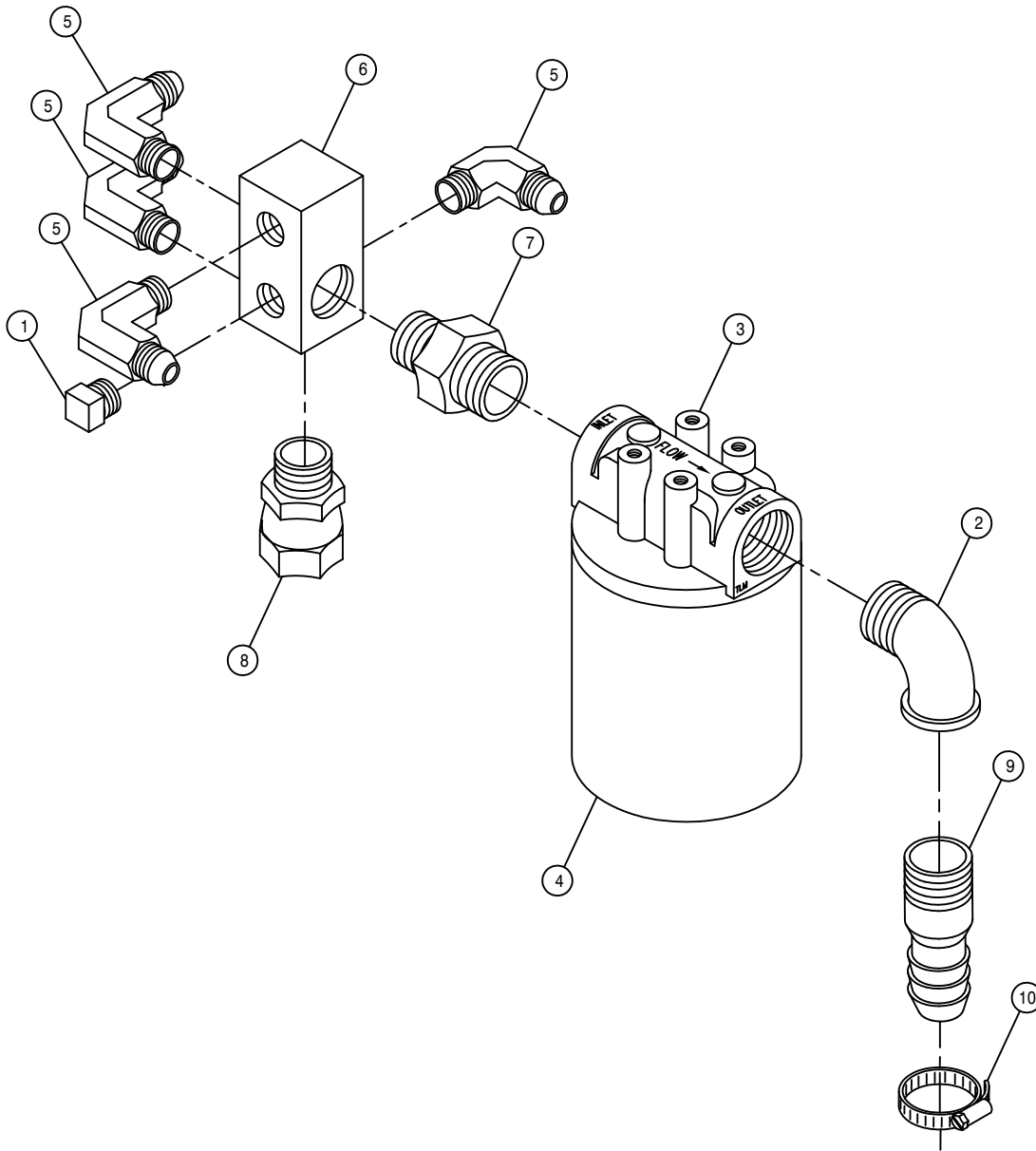
DET.	QTY	PART NO.	DESCRIPTION
	1	10	200460 HYD VALVE BUSH TB2
	2	2	291036 BRAKE & TAIL TRAILER 78
	3	2	341770 LWR SCREEN SLIDE WLD 280 89
	4	4	470086 NUTSERT, 1/4UNC .020-.100GR
	5	30	470118 1/4UNC X 3/4 HEX BOLT FLG LOC
	6	28	470121 1/4-20 FLANGED WHIZ NUT
	7	4	470122 1/4UNC X 1/2 HEX BOLT FLG LOC
	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 SCRN 8250 86
	16	1	659824 LWR REAR PNL WLD 200 318 89
	17	1	659803 LWR FRT SHIELD 280 89
	18	1	659804 LWR SCREEN WLD 280 89
	19	1	659809 LWR RH SIDE SCRN WLD 280 89
	20	1	659810 LWR LH SIDE SCRN WLD 280 89
	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 1/4 UNC STOVER NUT
	25	5	193016 FLEX BLK SEALED LIP TRIM
	26	4	900006 1/4UNC X 1 3/4 HEX BOLT
	27	1	659853 200 LWR FRONT SHIELD 89



MOTOR CONTROL VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

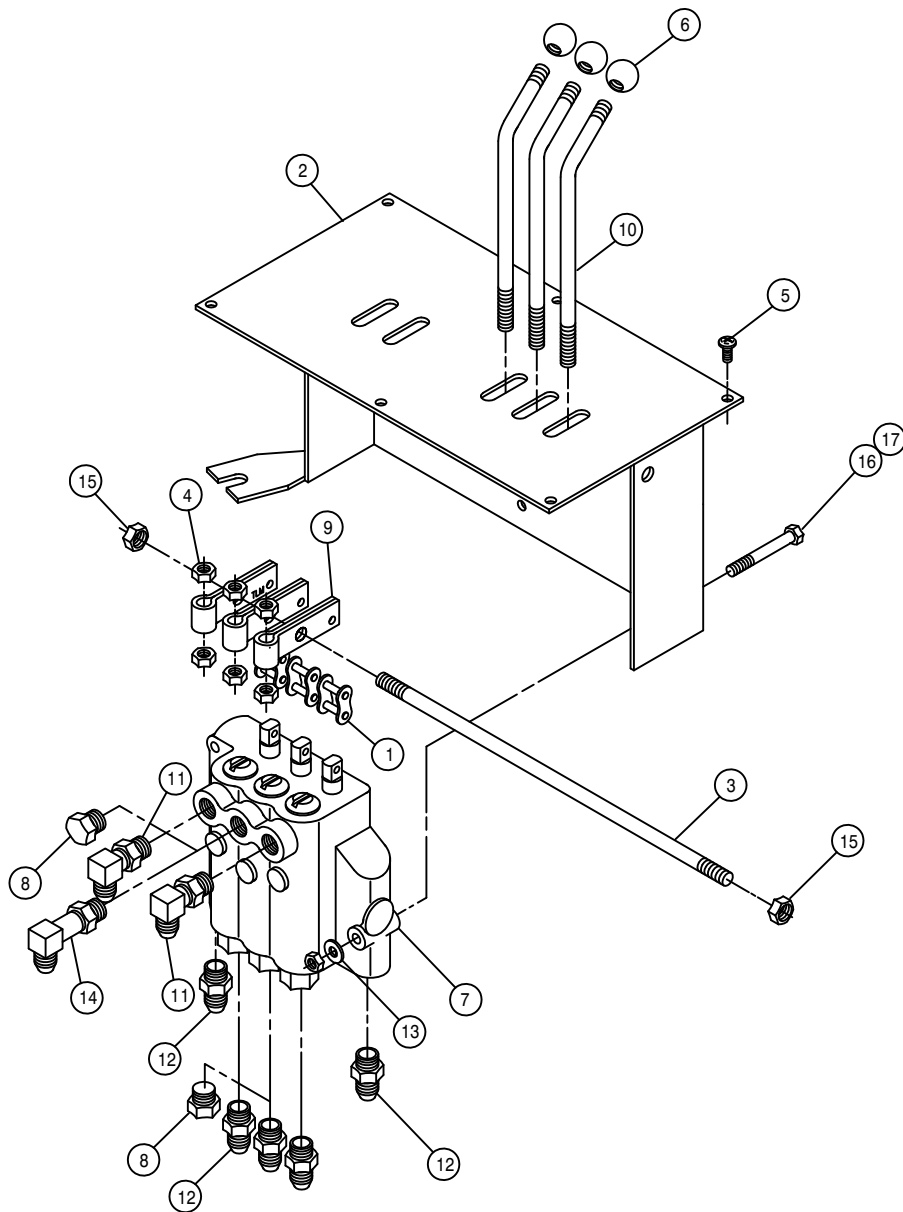
1	1	341846	MTR CTRL VLV MT WLD	200
2	1	610186	1 1/16MOR PLUG	
3	1	610467	MODULAR MTR CONTROL ELECT VLV	
4	4	610562	DISK .199 ORIFICE MOD CTRL	
5	4	610478	DISK .182 ORIFICE MOD CTRL	
6	1	618178	1 5/16MJIC-90-1 5/16MOR LBO	
7	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	
8	4	618469	3/4MJIC-1 1/16MOR ADPTR	
9	4	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

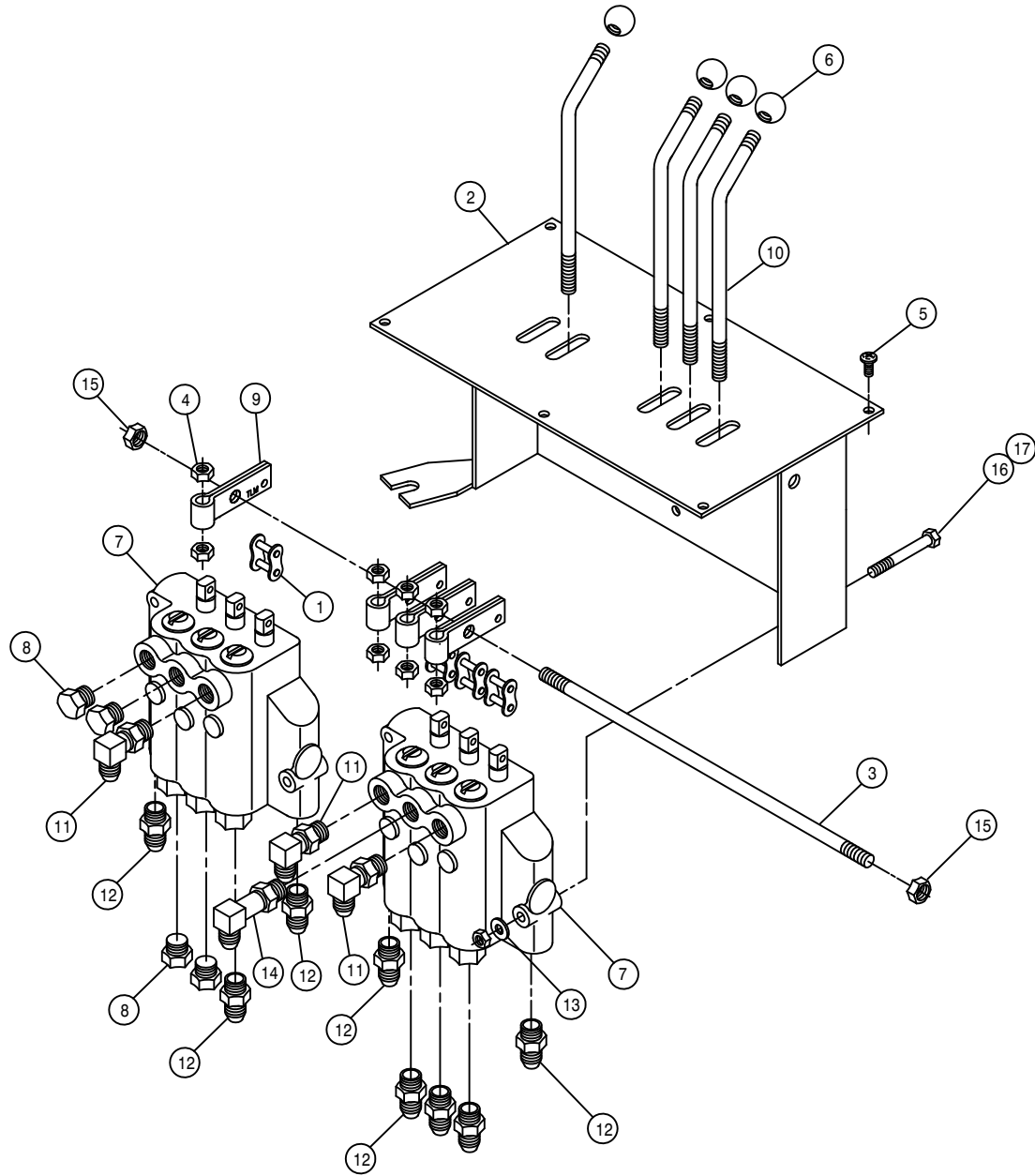


THREE SPOOL VALVE 3-LIFT ASSEMBLY

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

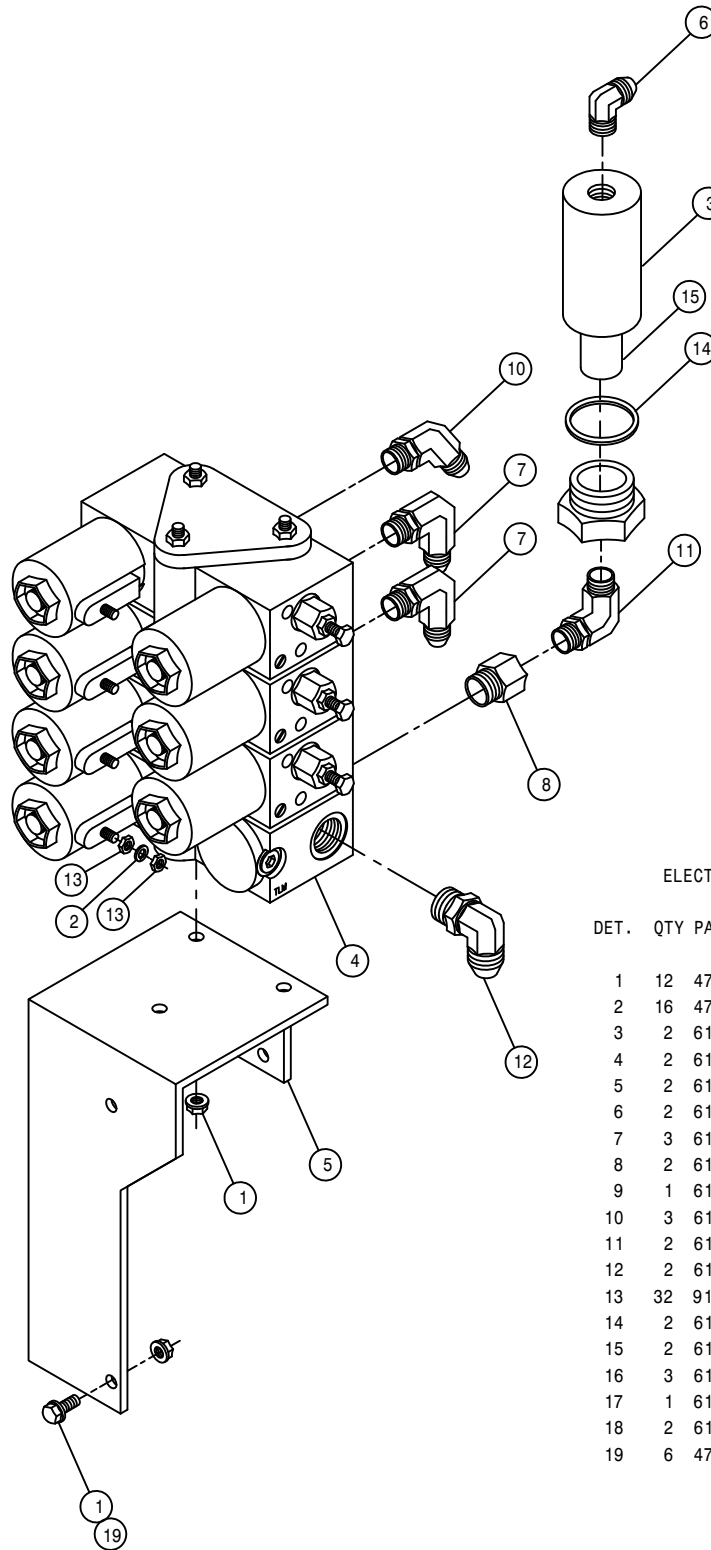
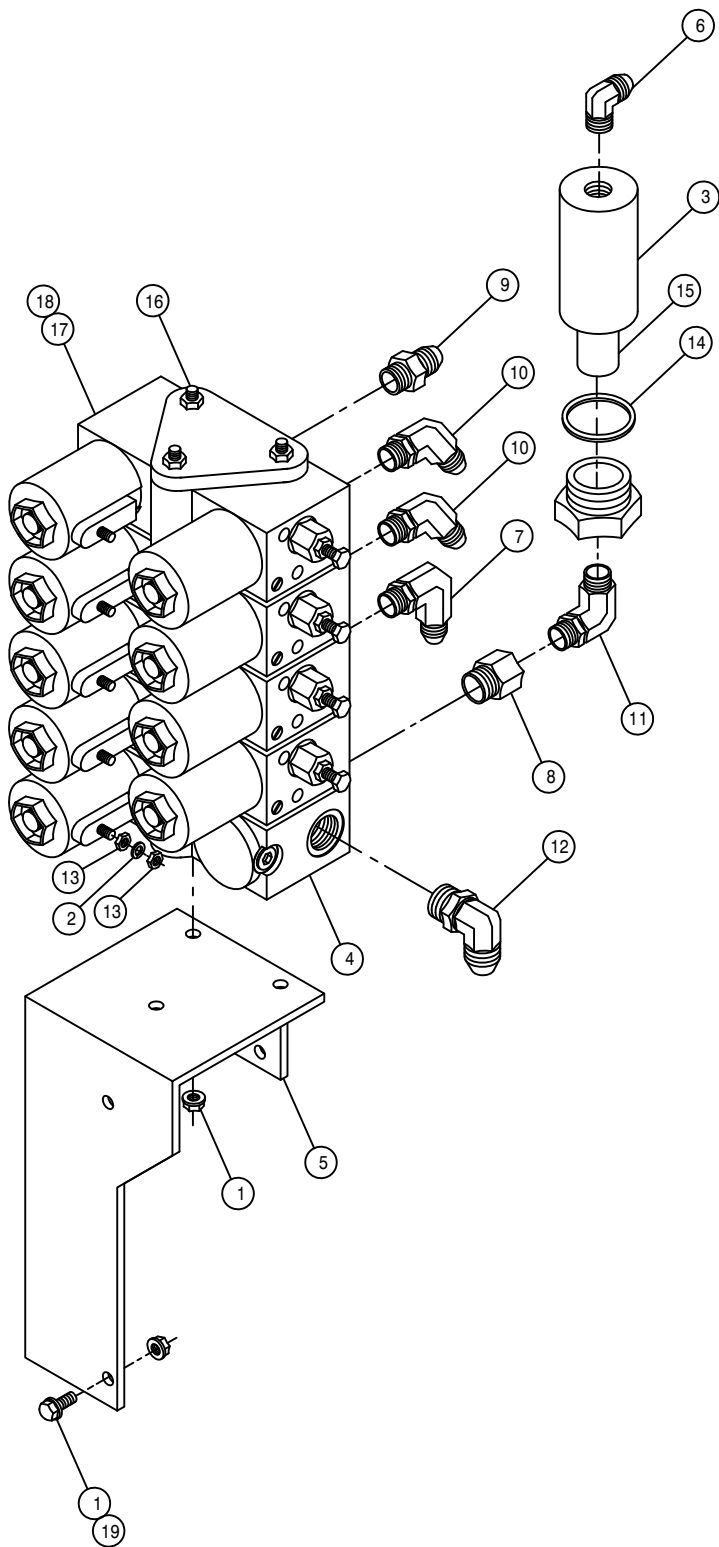
ITEM 8 IS USED WITH THE 2-LIFT OPTION.



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

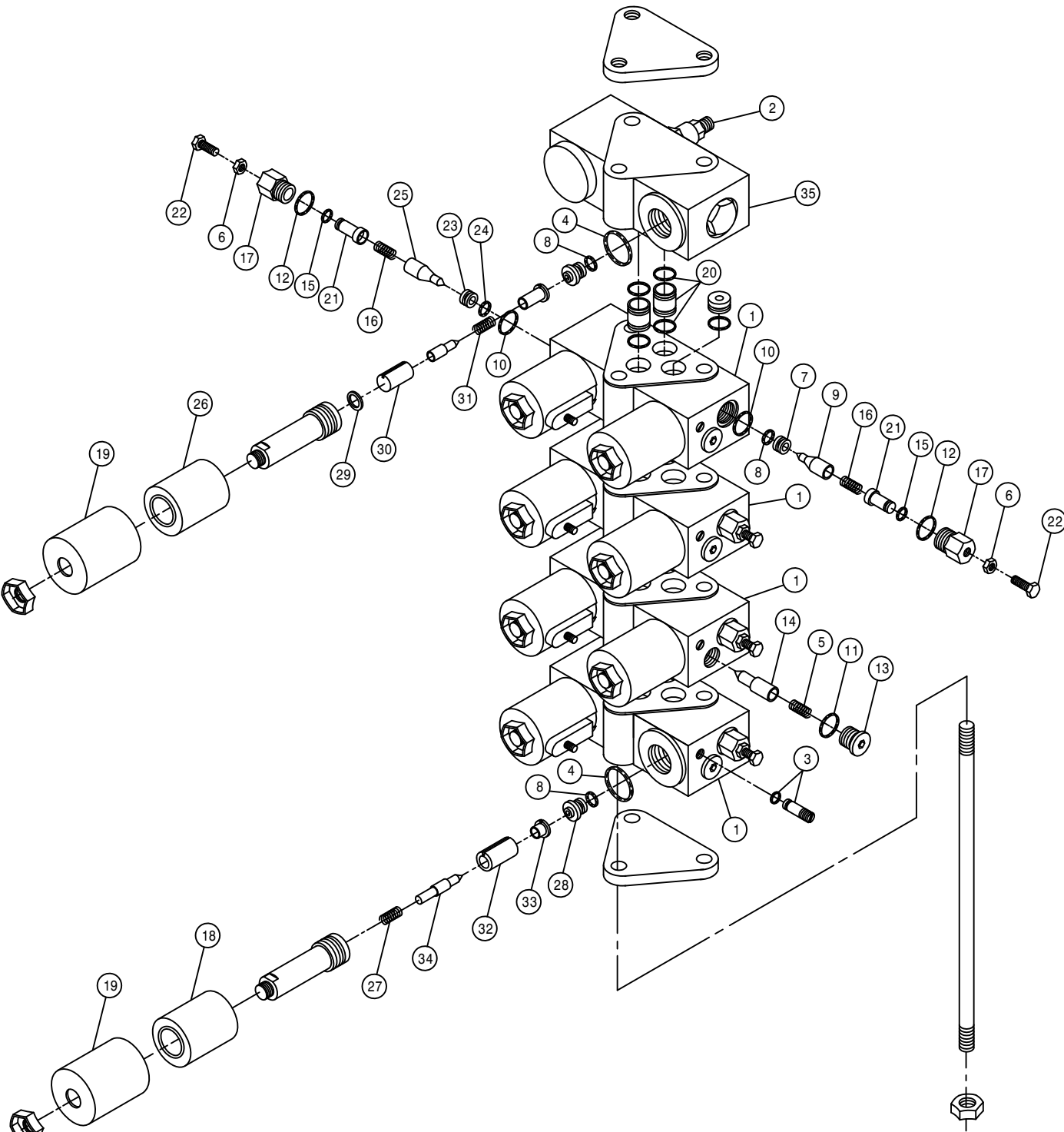


ELECTROHYDRAULIC VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	12	470121	1/4-20 FLANGED WHIZ 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	618562	9/16MOR-90-1/4MNPT LBO
12	2	618600	9/16MJIC-90-7/8MOR LBO
13	32	910027	HEX NUT NO 10-32
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 HEX BOLT FLG LOC

37



ELECTROHYDRAULIC VALVE

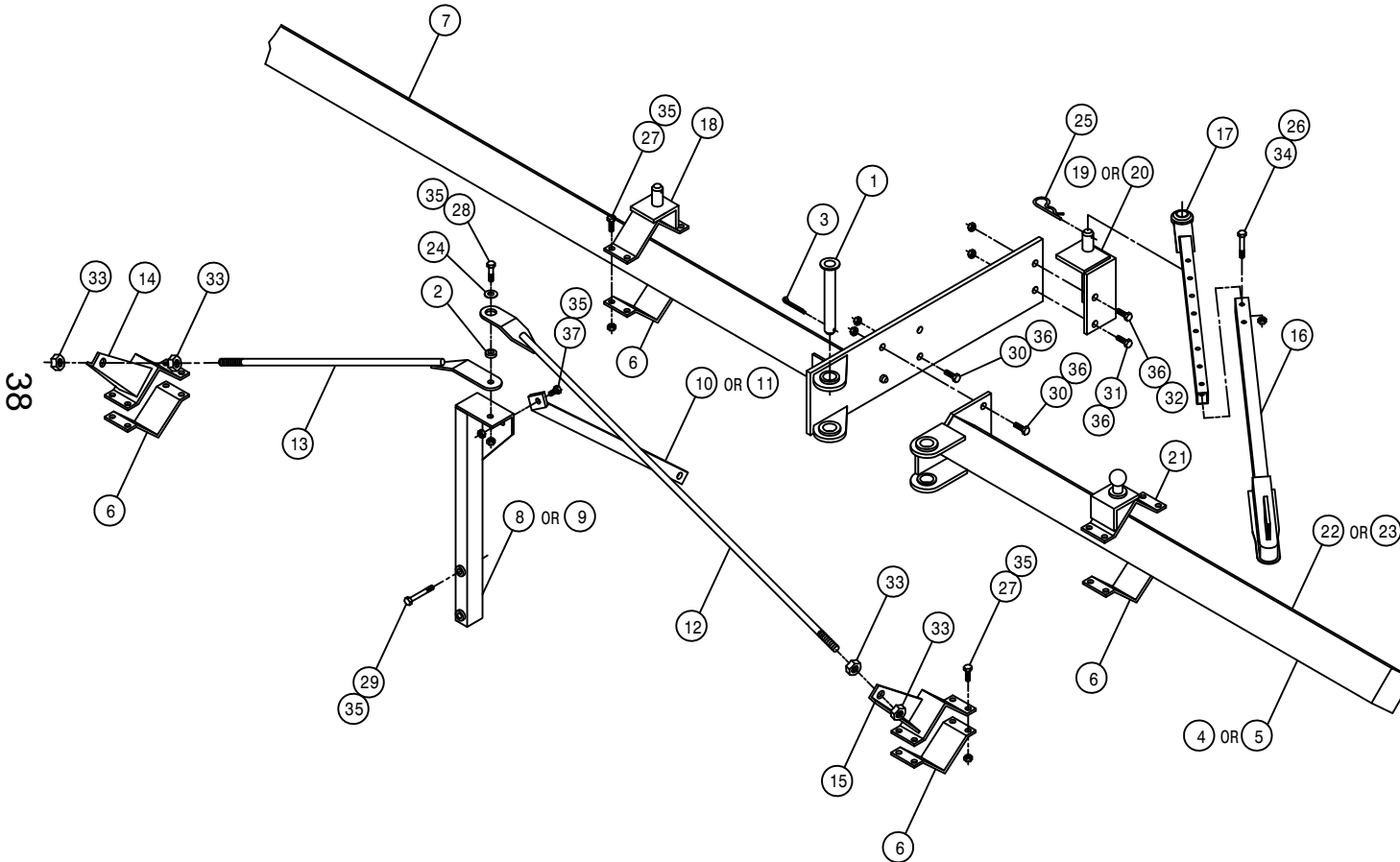
DET.	QTY	PART NO.	DESCRIPTION	
1	4	610533	UNBALANCED LOAD VALVE	89
2	1	610551	R.V. CARTRIDGE FOR 610532	90
3	8	610267	SEAL PLUG ASSY FOR 610257	
4	9	871019	ORING, 13/16 X 15/16 NEO 90D	
5	4	610491	SPRING AM-501-3-035 FOR610485	
6	8	910000	1/4UNC HEX NUT	
7	4	610488	ORIFICE PRESSED IN BLACK	
8	13	871010	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	

122037

4-6-8 ROW OUTRIGGER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

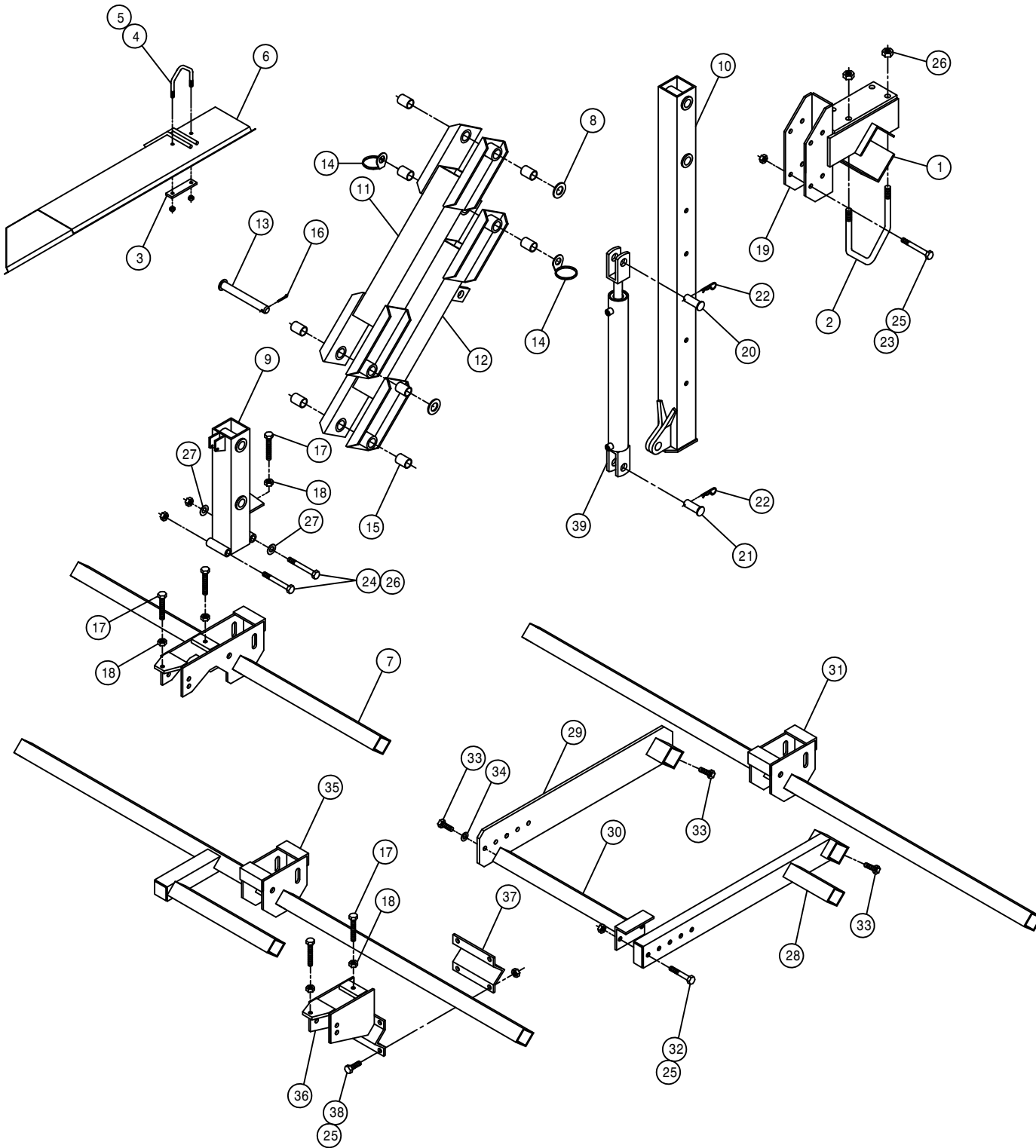
1	1	438283	OUTRGR PIVOT PIN WLD 8200 86
2	1	438320	BUSH 1.00 OD X .531ID X.28LG
3	1	470117	COTTER PIN 3/16 1 3/4 SQ CUT
4	1	438307	RH 75IN OUTRGR WLD8200-850086
5	1	438309	LH 75IN OUTRGR WLD8200-850086
6	4	438324	75IN OUTRGR BRACE CLAMP
7	1	438344	200 TOOL BAR WLD 89
8	1	438349	RH OUTRGR SUPP POST WLD200 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

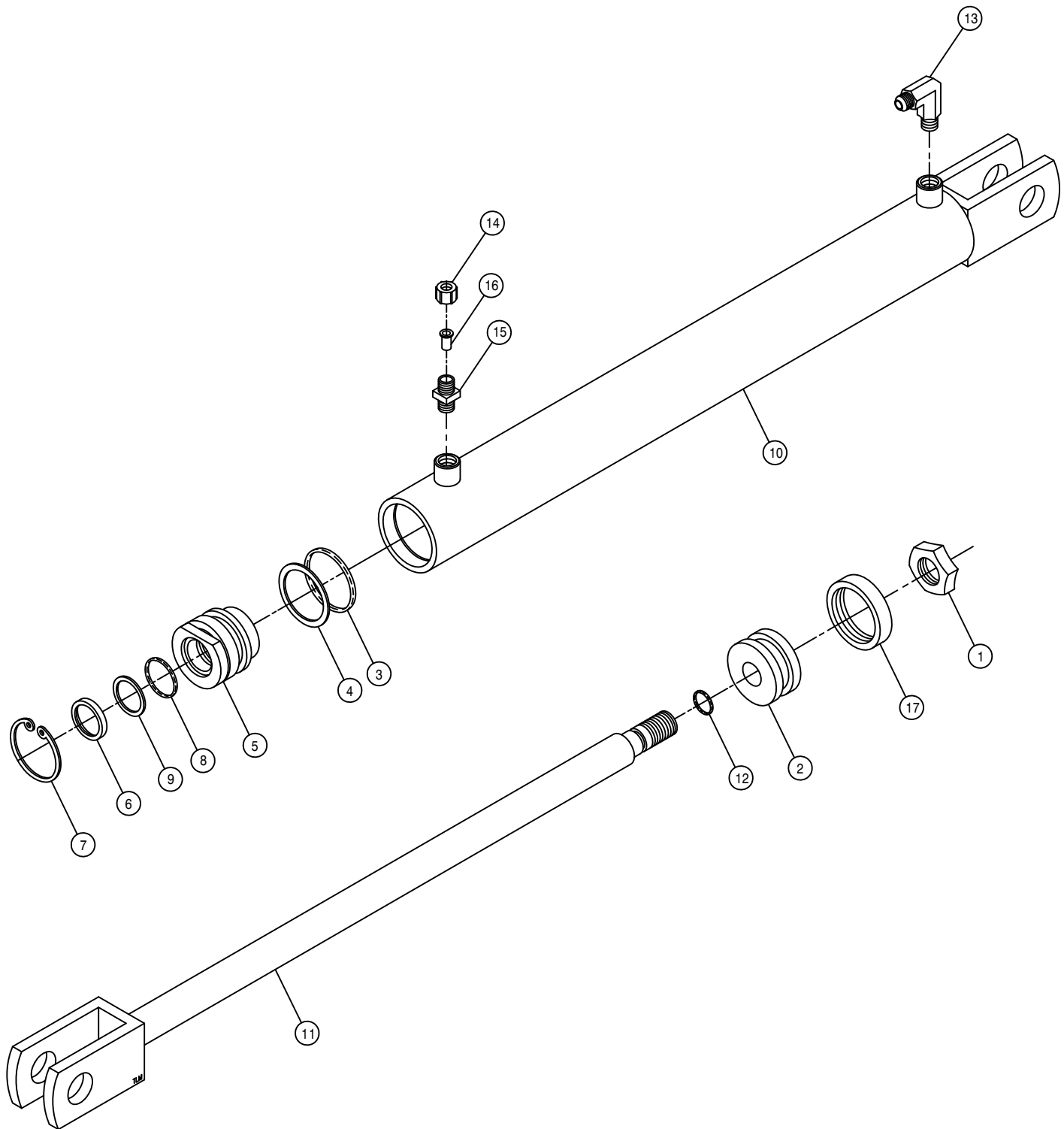


DETASSLER LIFT ASSEMBLY

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	5/16 UNC 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	4	470162	COTTER PIN 3/16 X 1 1/2	
17	5	900538	1/2UNC X 3 1/2 HEX BOLT FULL	
18	5	910008	1/2 UNC 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	2	611016	HAIR PIN #6	
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	1/2 UNC STOVER NUT	
26	6	914010	5/8 UNC 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	
39	1	620900	CYL ASSY CC2016 D00 SRG 180	

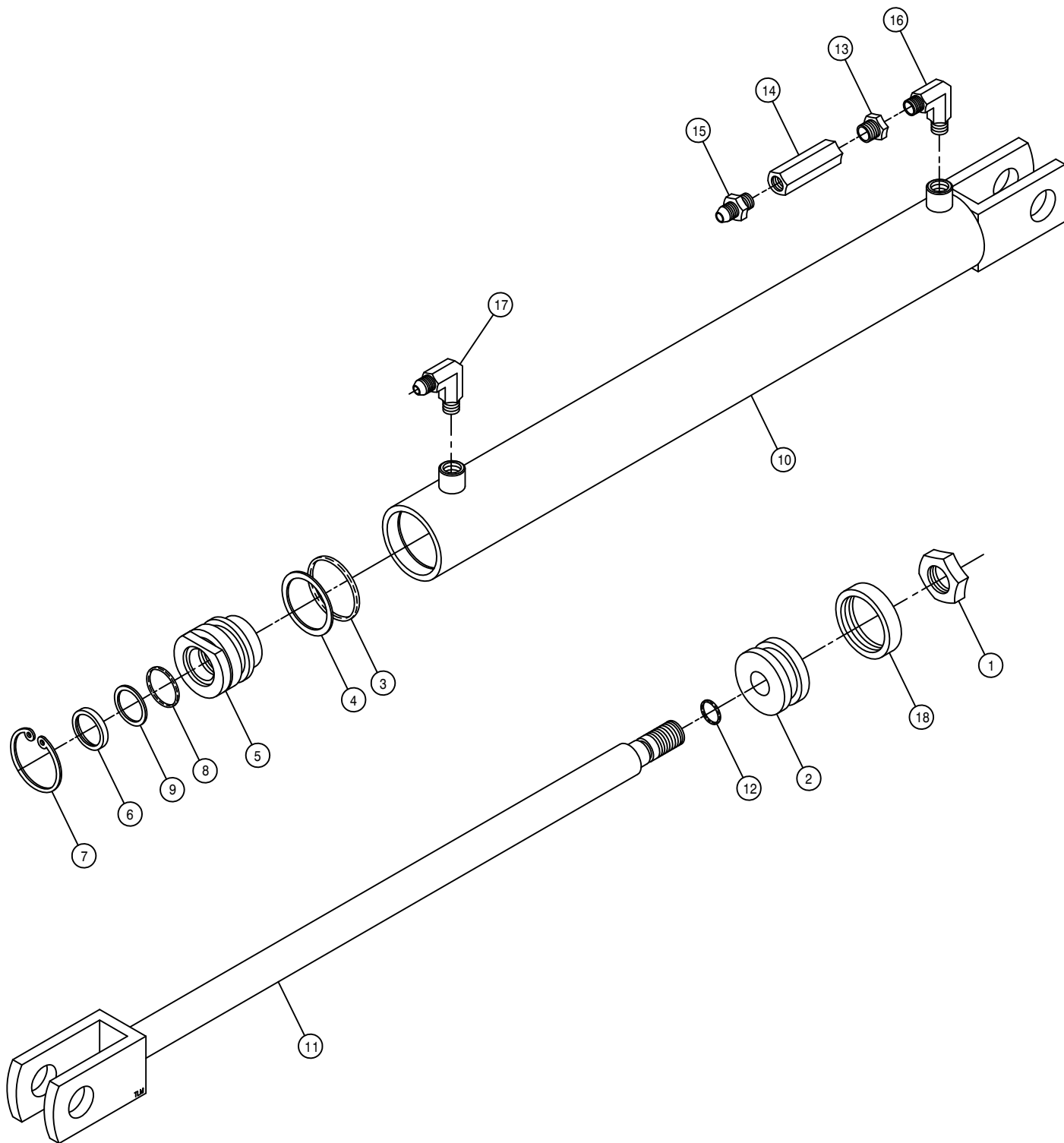




LIFT CYLINDER ASSEMBLY WITH T-TROL

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	500005	CAP NUT .688FPS NYLON
	1	737810	NOZL BODY .25NPT NYLON MALE
	1	738859	STRAINER 50 MESH NYLON
	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

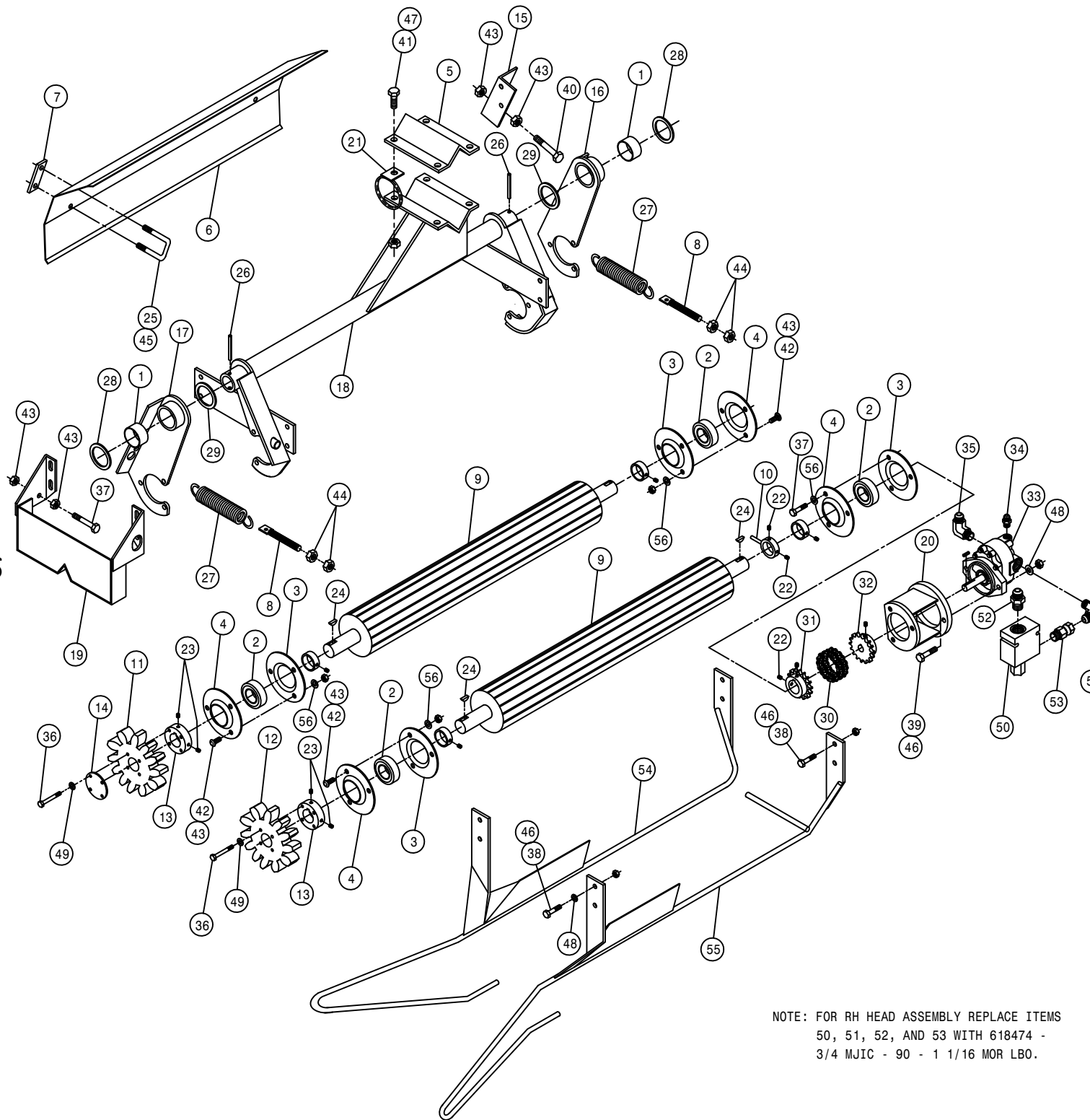
1	1	472297	3/4UNF HEX STOVER NUT THIN
2	1	620081	PISTON 2 X 1 ZAMAC ORING TYPE
3	1	870326	BUNA ORING 1 5/8 X 2
4	1	890326	BACKUP WASH 1 5/8 X 2 LEATH
5	1	620082	GLAND 2 IN X 1 IN ZAMAC
6	1	629003	WIPER 1 X 1 1/4 X 1/8
7	1	629505	SNAP RING 2 IN INTRN
8	1	870214	BUNA ORING 1 X 1 1/4
9	1	890214	BACKUP WASH 1 X 1 1/4 HT2022
10	1	620901	TUBE WLD CC2016 D00 SRG 180
11	1	620905	SHAFT WLD CC2016 D00 SRG180
12	1	870113	BUNA ORING 9/16 X 3/4
13	1	503000	RED BUSH 1/2 TO 1/4 BLK MAL
14	1	610449	RESTRICTOR .062 1 WAY 1/2NPTF
15	1	618018	9/16MJIC-1/2MNPT ADPTR
16	1	618571	1/4MNPT-90-1/4MNPT LBO
17	1	611122	9/16MJIC-90-1/4MNPT LBO
18	1	860326	CROWN SEAL, 2" PISTON, HYD

NOTE: 620900 - LIFT CYLINDER INCLUDES ITEMS 1-12.

620083 - SEAL KIT

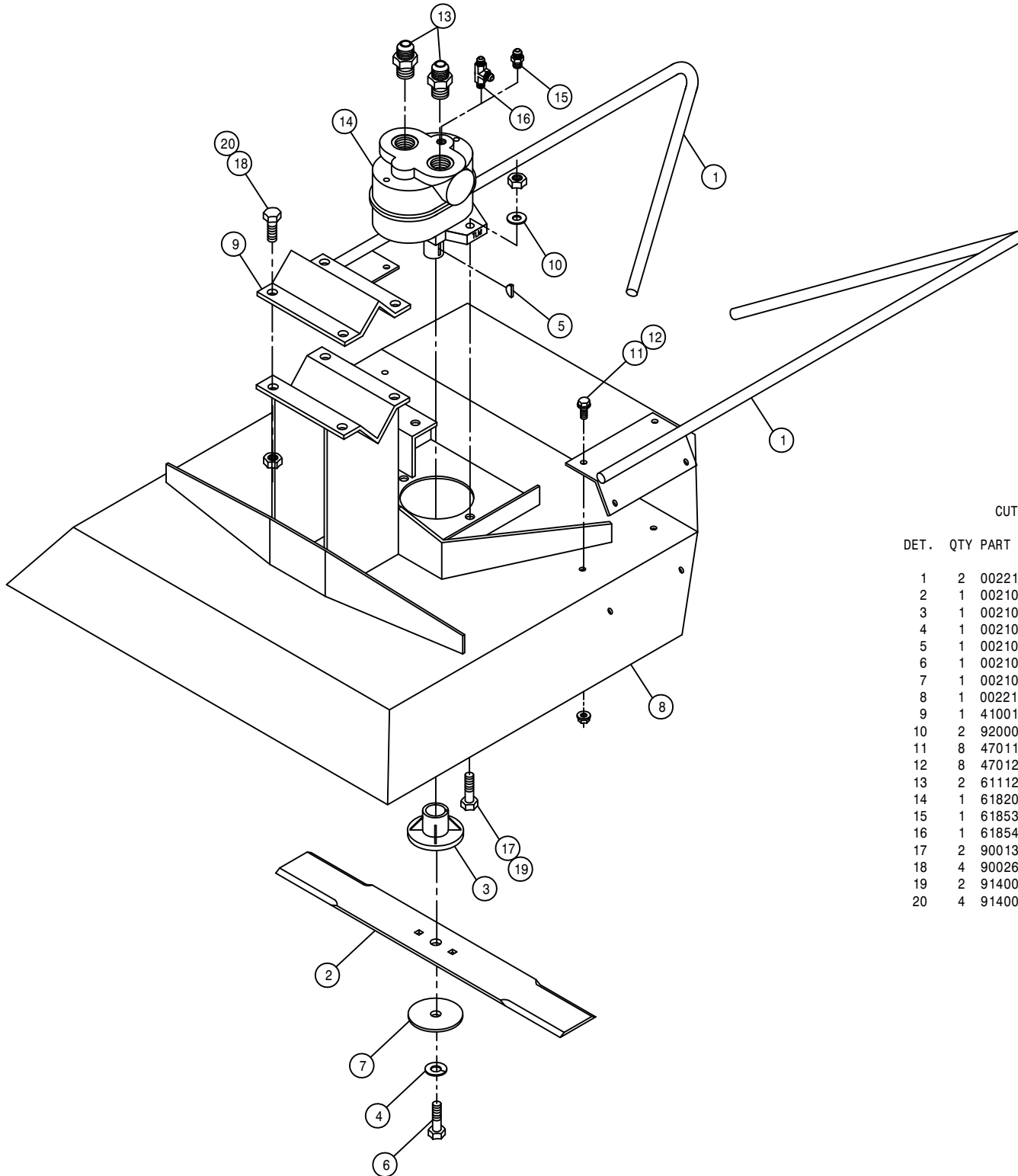
614649 - 1-WAY RESTRICTOR ASSEMBLY INCLUDES 13-16

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

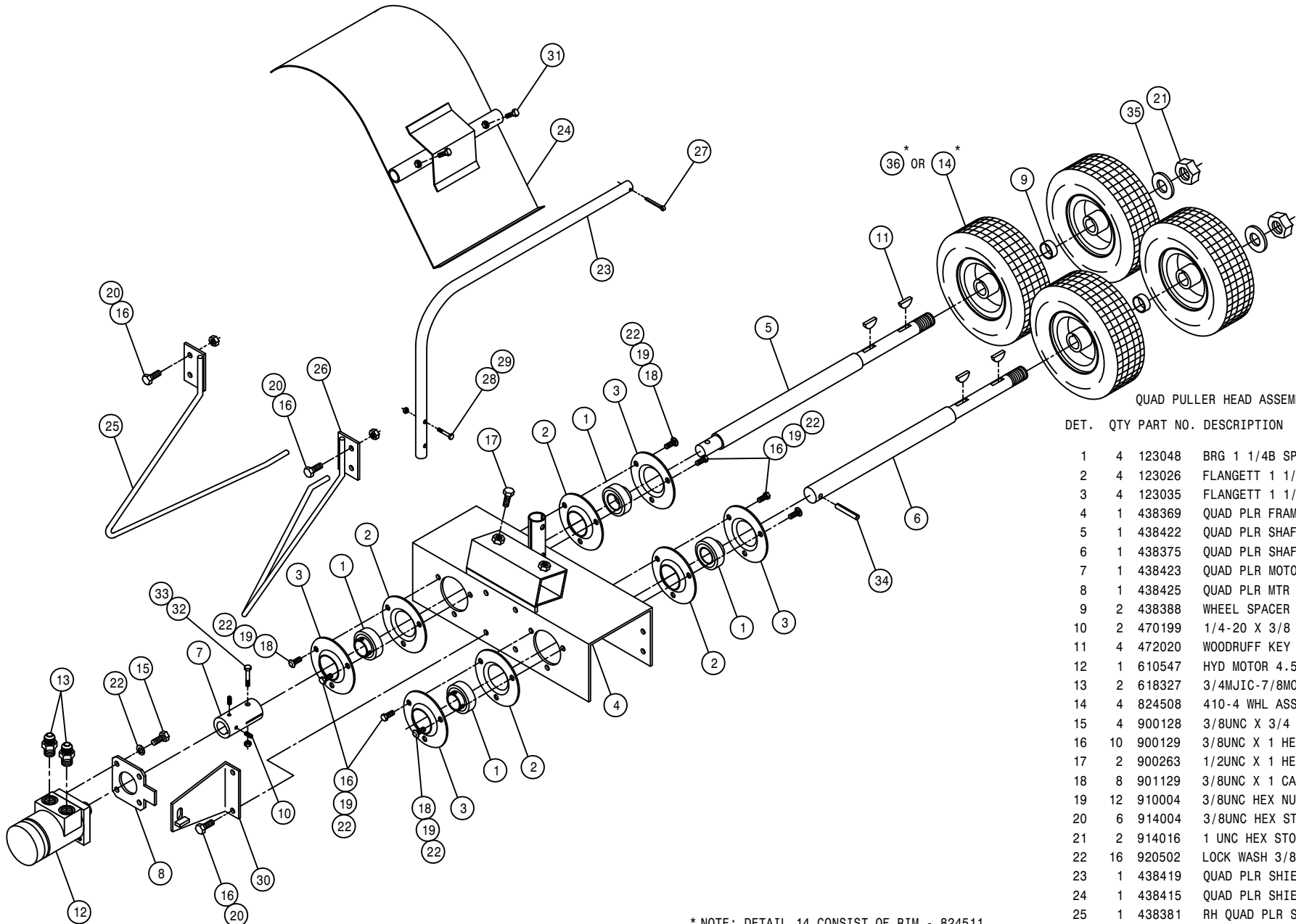
NOTE: FOR RH HEAD ASSEMBLY REPLACE ITEMS
50, 51, 52, AND 53 WITH 618474 -
3/4 MJIC - 90 - 1 1/16 MOR LBO.



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

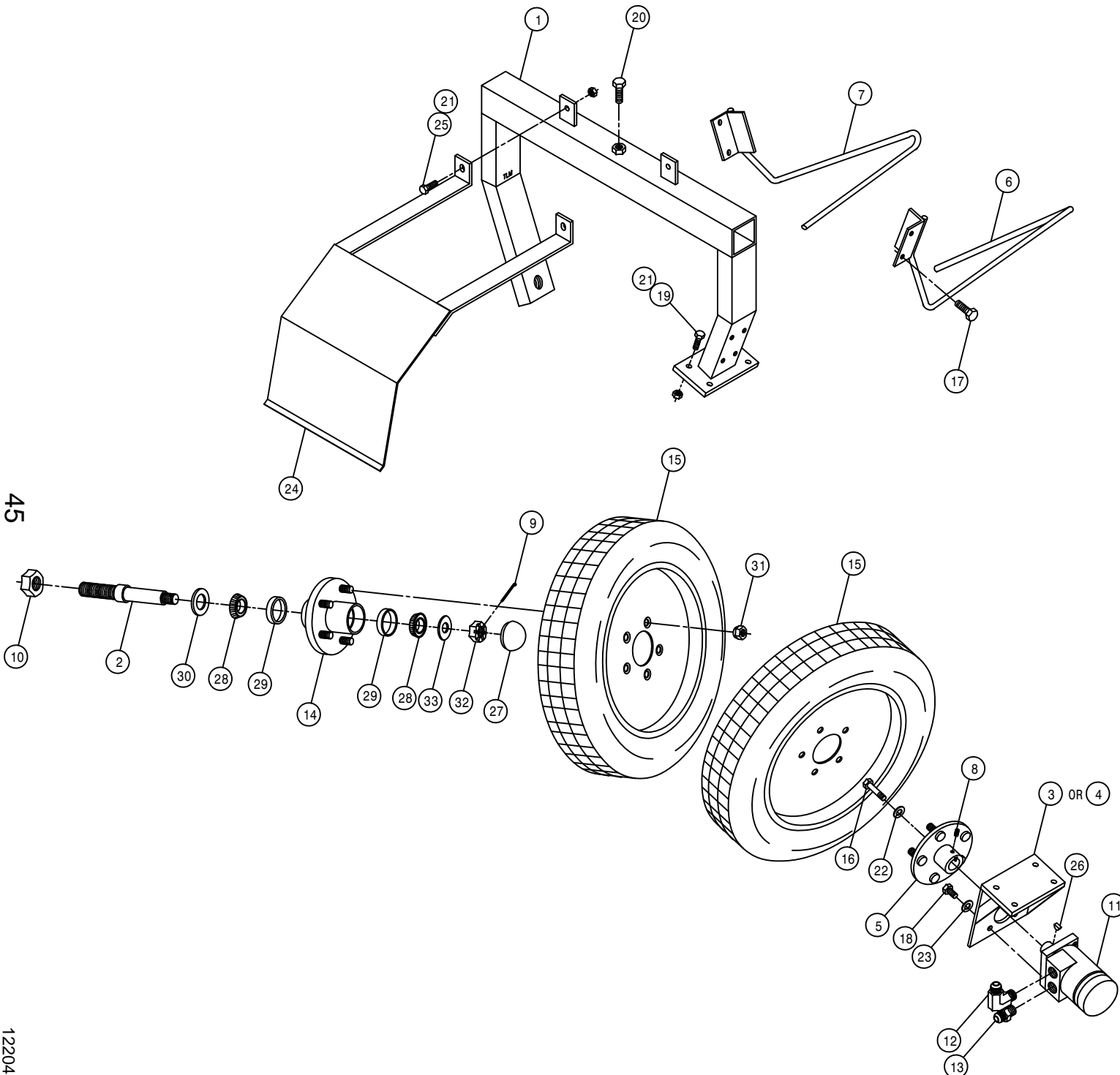
* NOTE: DETAIL 14 CONSIST OF RIM - 824511,
 TUBE - 824510, TIRE - 824509,
 HUB - 824512, STUD - 824513
 WHEEL NUT - 824514

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

TIRE PULLER HEAD ASSEMBLY

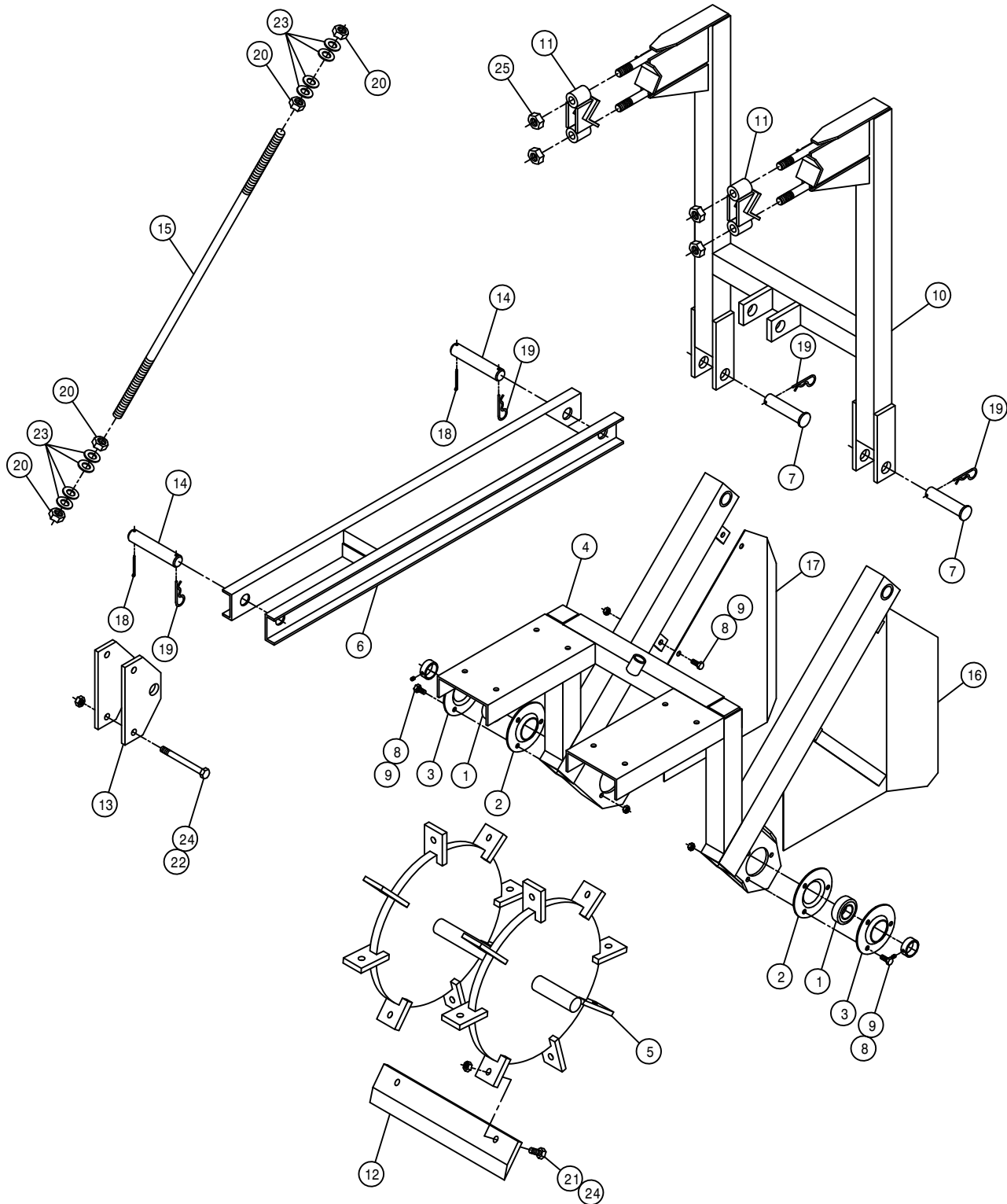
DET. QTY PART NO. DESCRIPTION

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



45

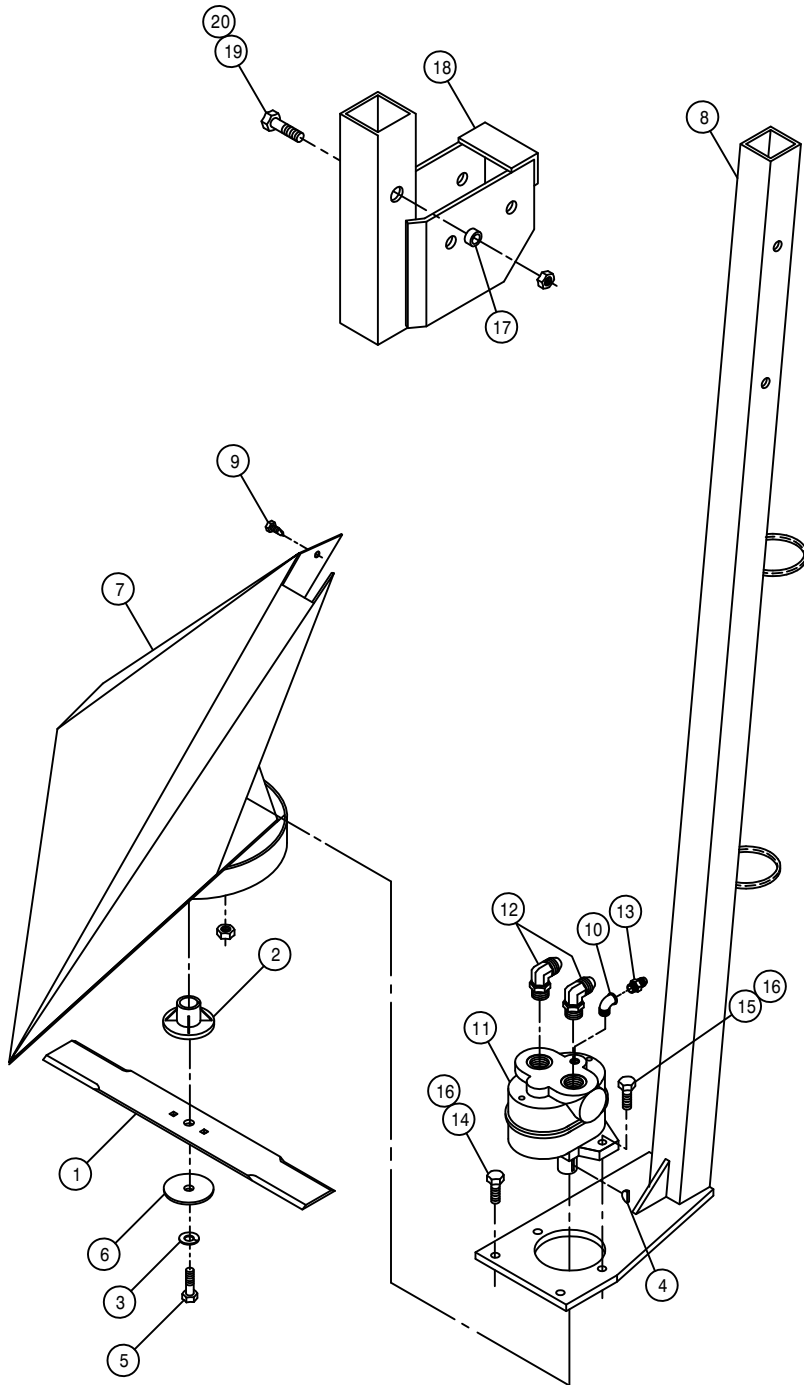
122045



MALE ROW CHOPPER ASSEMBLY

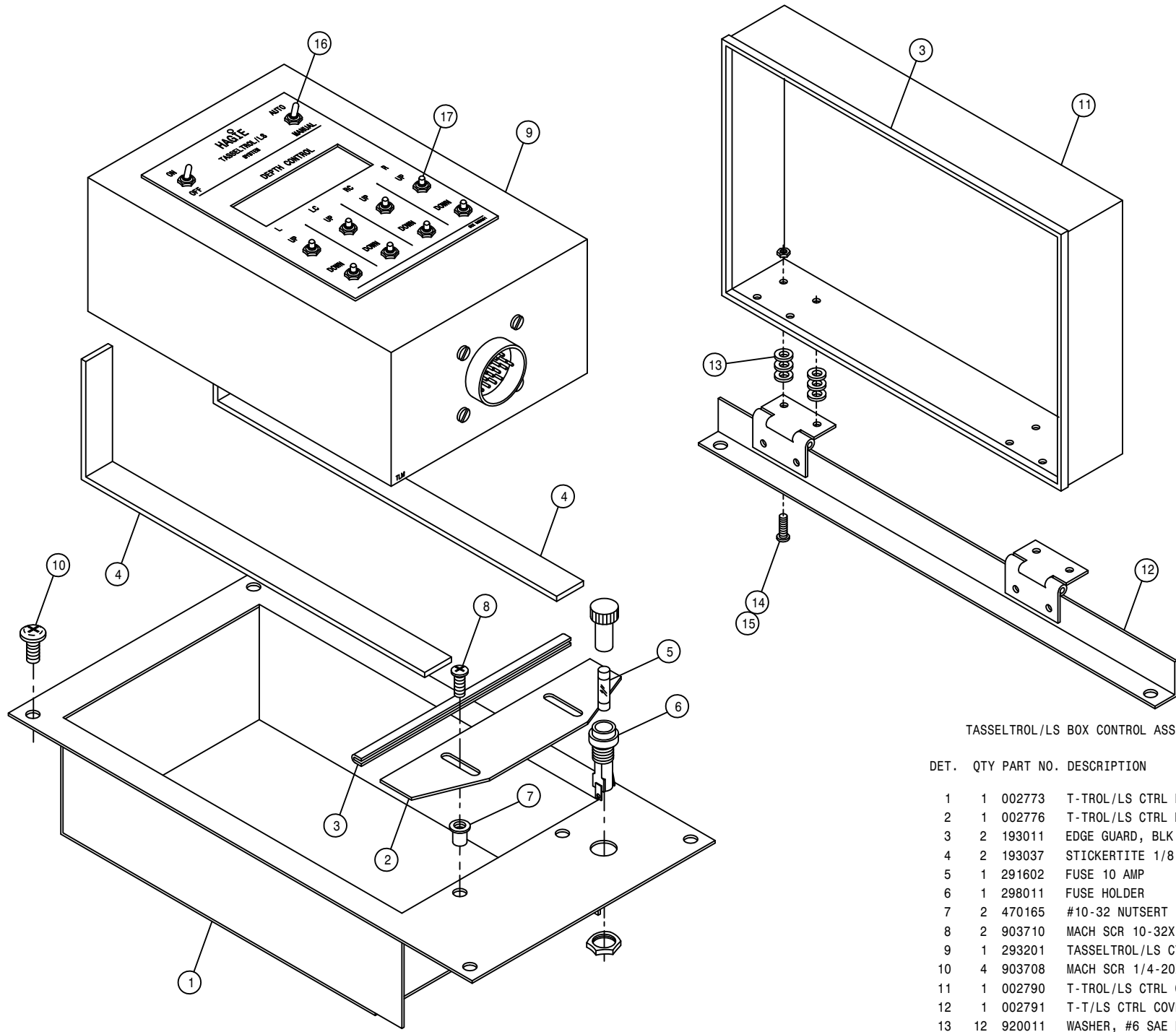
DET. QTY PART NO. DESCRIPTION

1	2	123024	BGR 1 1/4 BORE SPHERICL RELUB
2	2	123026	FLANGETT 1 1/4 RELUBE
3	2	123035	FLANGETT 1 1/4 180 DEG ZERK
4	1	270814	LWR FRAME WLD MALE ROW CHOP
5	1	270834	BLADE MT WHL WLD MALE CHOPPER
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	2	470117	COTTER PIN 3/16 X 1 3/4
19	4	611016	HAIR PIN #6
20	4	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	914010	5/8UNC HEX STOVER 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

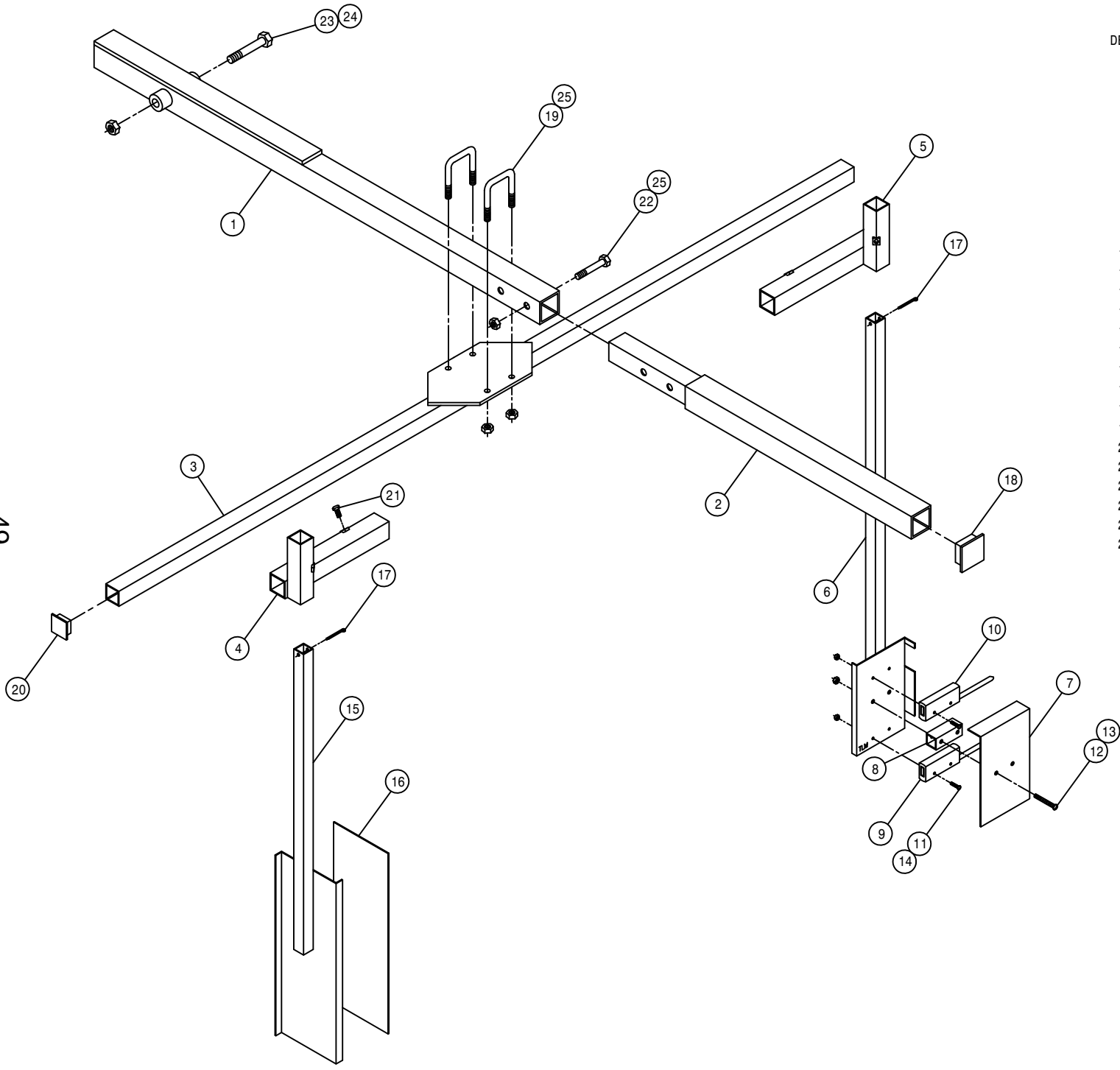
DET.	QTY	PART NO.	DESCRIPTION
	1	002773	T-TROL/LS CTRL BOX MT WLD 200
	1	002776	T-TROL/LS CTRL BOX KPR 200
	2	193011	EDGE GUARD, BLK
	4	193037	STICKERTITE 1/8 X 3/4
	1	291602	FUSE 10 AMP
	1	298011	FUSE HOLDER
	2	470165	#10-32 NUTSERT .020-.100 MATL
	2	903710	MACH SCR 10-32X1/2 PHIL PANHD
	1	293201	TASSELTROL/LS 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

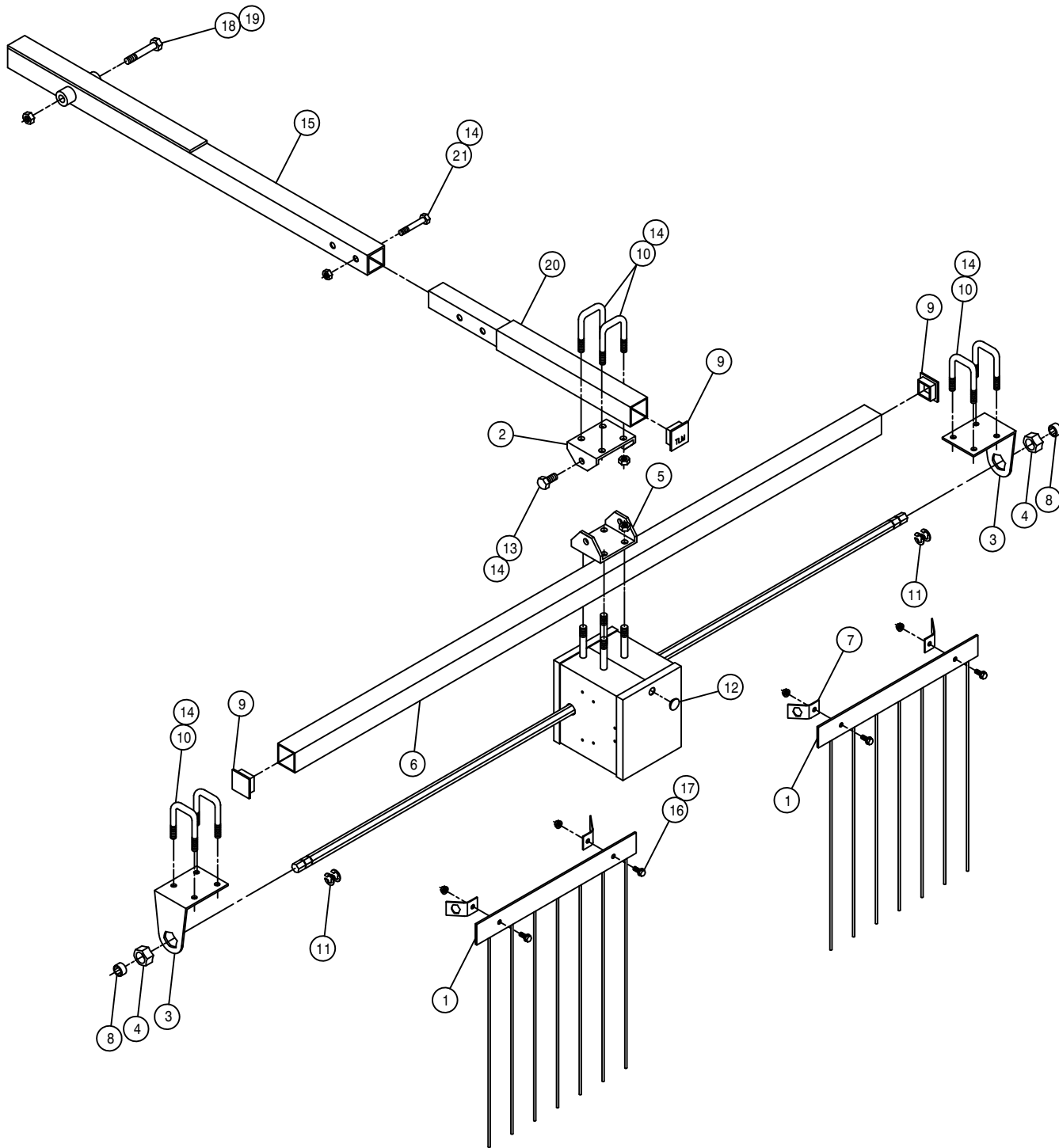
TASSELTROL SENSOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION	
1	1	002682	SENSOR ARM WLD 200	90
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	90
10	1	293154	UPR LS SENSOR ASSY	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	914027	NO 10-32 STOVER NUT	
14	4	914029	NUT 6-32 STOVER PLT	
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 15/16BOLT	
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	1/2 UNC STOVER NUT	
25	6	914002	5/16 UNC STOVER NUT	

49

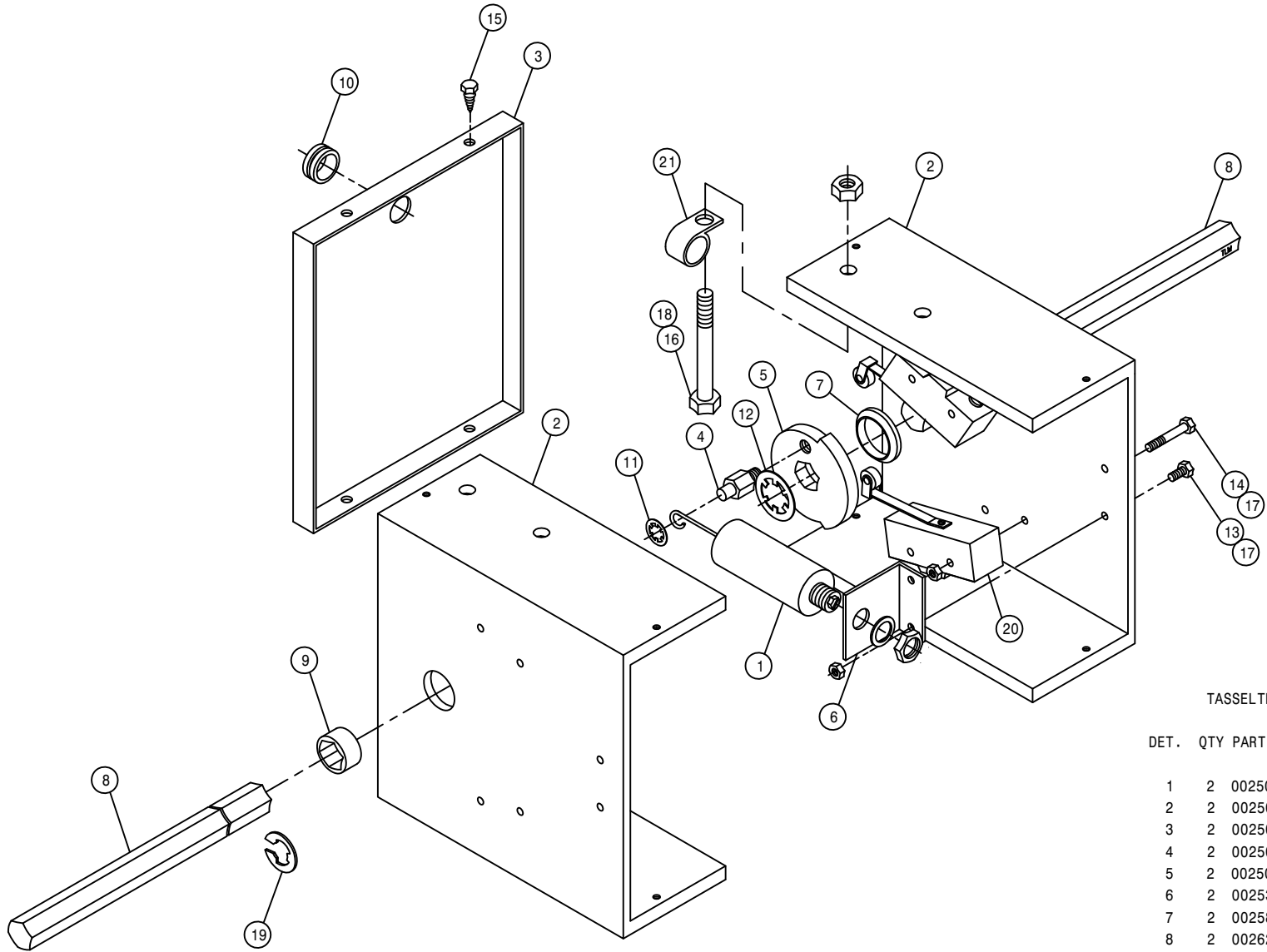




TASSELTROL SENSOR ASSEMBLY

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 15/16UBOLT	
11	4	629525	RING, RETAINING, .50DIA SHAFT	
12	1	658174	BUMPER PLUG FOR 640 CAB	
13	2	900065	5/16UNC X 1 HEX BOLT	
14	16	914002	5/16UNC HEX STOVER NUT	
15	1	002682	SENSOR ARM WLD 200	90
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	



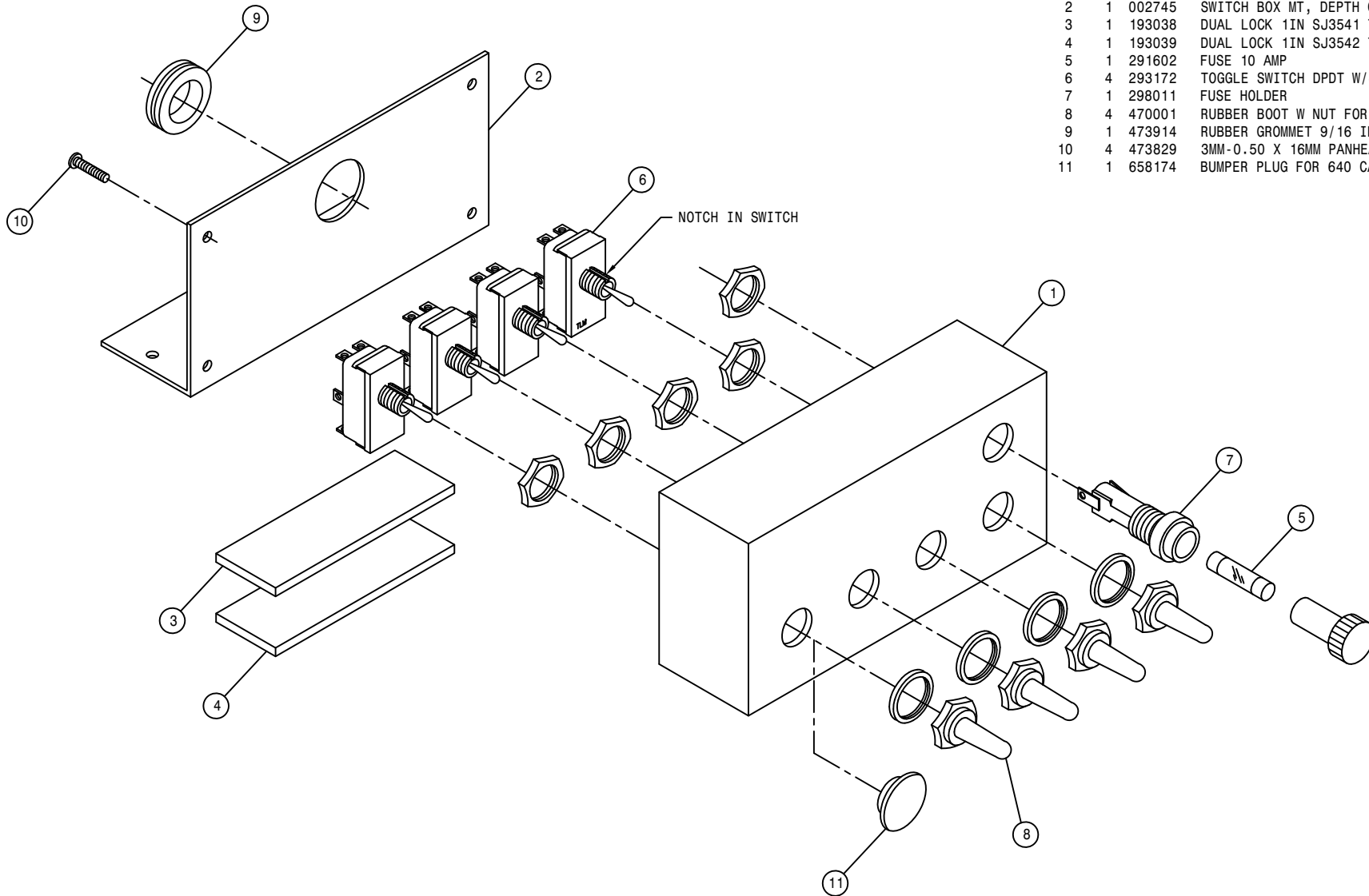
TASSELROL CONTROL BOX ASSEMBLY

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 TASSELTRL
	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

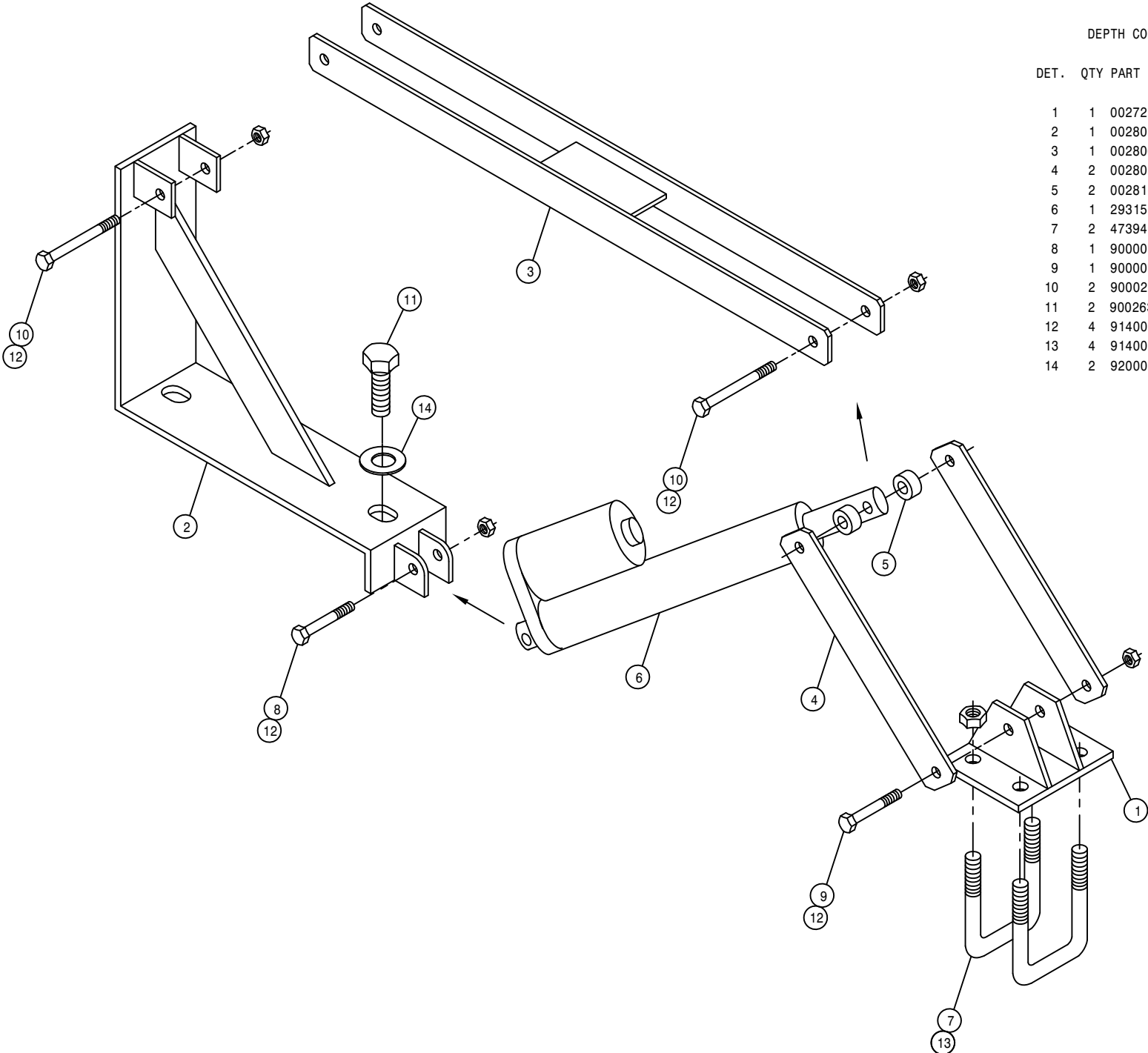
1	1	002744	SWITCH BOX, DEPTH CMD
2	1	002745	SWITCH BOX MT, DEPTH CMD
3	1	193038	DUAL LOCK 1IN SJ3541 TYPE 400
4	1	193039	DUAL LOCK 1IN SJ3542 TYPE 400
5	1	291602	FUSE 10 AMP
6	4	293172	TOGGLE SWITCH DPDT W/JUMPERS
7	1	298011	FUSE HOLDER
8	4	470001	RUBBER BOOT W NUT FOR 298012
9	1	473914	RUBBER GROMMET 9/16 ID
10	4	473829	3MM-0.50 X 16MM PANHEAD SCREW
11	1	658174	BUMPER PLUG FOR 640 CAB

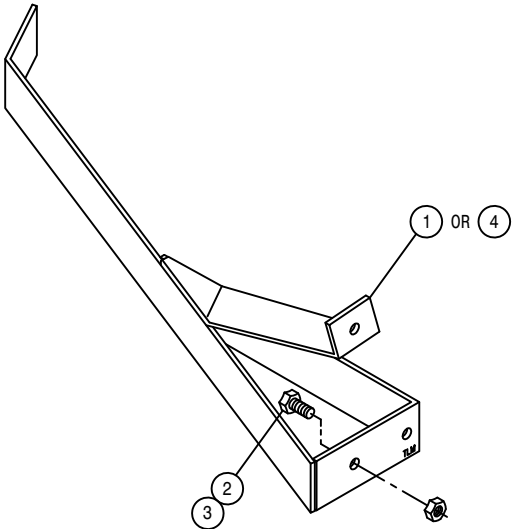


DEPTH COMMAND ACTUATOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

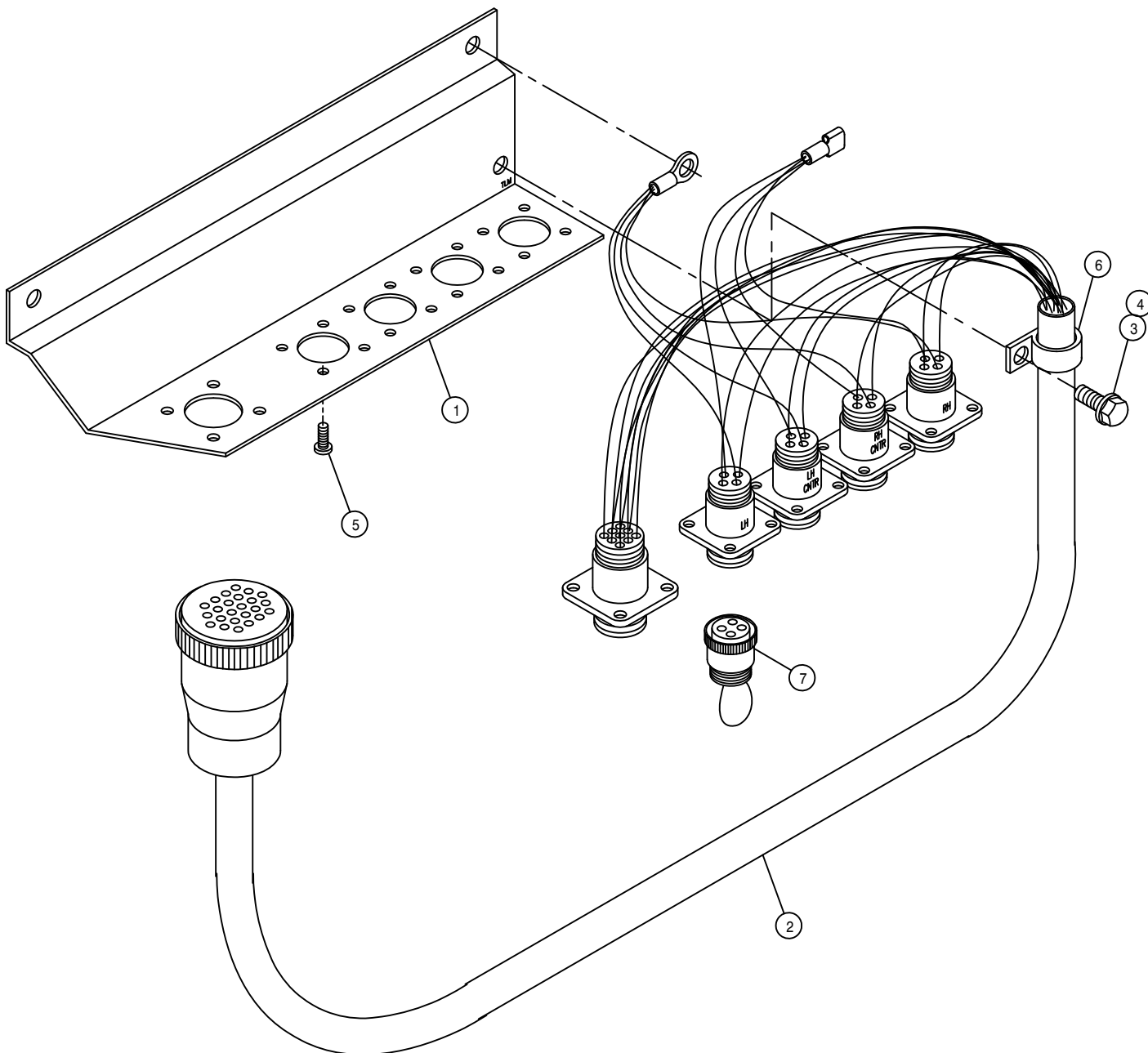
DET.	QTY	PART NO.	DESCRIPTION	
1	1	002729	ACTUATOR EXT TUBE MT WLD	90
2	1	002801	DEPTH CMD MTG BRKT WLD	91
3	1	002806	DEPTH CMD UPR ARM WLD	91
4	2	002809	DEPTH CMD LWR ARM	91
5	2	002810	DEPTH CMD ARM BUSH	91
6	1	293156	LINEAR ACTUATOR 12V 3.8STROKE	
7	2	473949	5/16UNC-1 9/16ID-1 15/16UBOLT	
8	1	900005	1/4UNC X 1 1/2 HEX BOLT	
9	1	900006	1/4UNC X 1 3/4 HEX BOLT	
10	2	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	





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



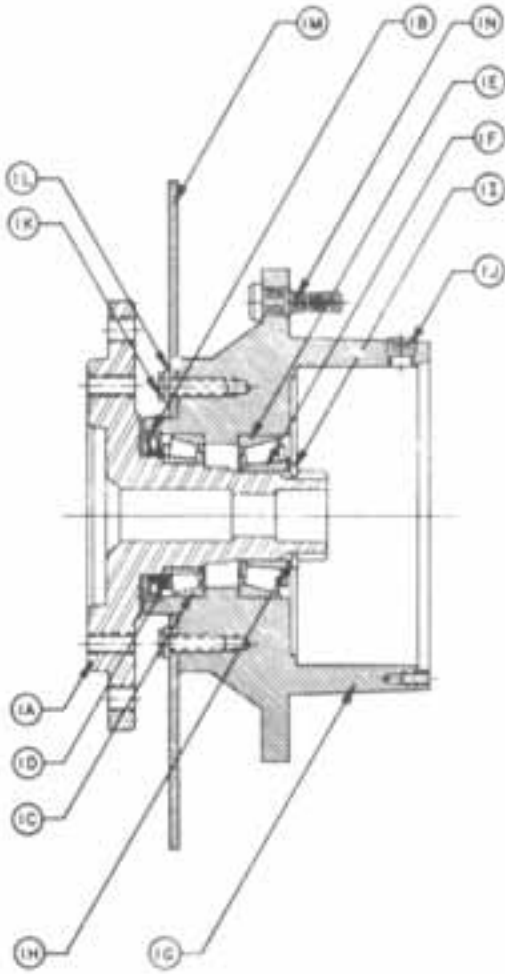
T-TROL/LS RECEPTACLE ASSEMBLY

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

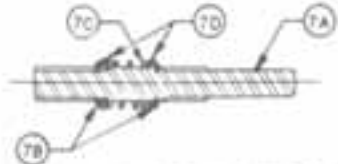
NOTE: DETAIL 7 IS USED (1) WITH 3-LIFT OPTION AND (2) WITH 2-LIFT OPTION.

WHEEL DRIVE ASSEMBLY - 610516
W1BFNZ324

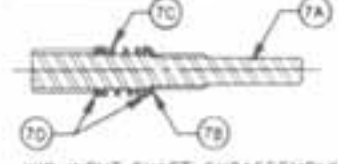
ITEMS	DESCRIPTION	PART NO.	QTY.
1	HUB-SPINDLE SUB-ASSEMBLY	-----	
1A	SPINDLE	610518	1
1B	SEAL	610519	1
1C	BEARING CUP	610520	1
1D	BEARING CONE	610521	1
1E	BEARING CUP	610907	1
1F	BEARING CONE	610908	1
1G	HUB	610522	1
1H	SPACER	610909	1
1I	RETAINER RING	610910	1
1J	PIPE PLUG	610147	2
1N	STUD	610523	9
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



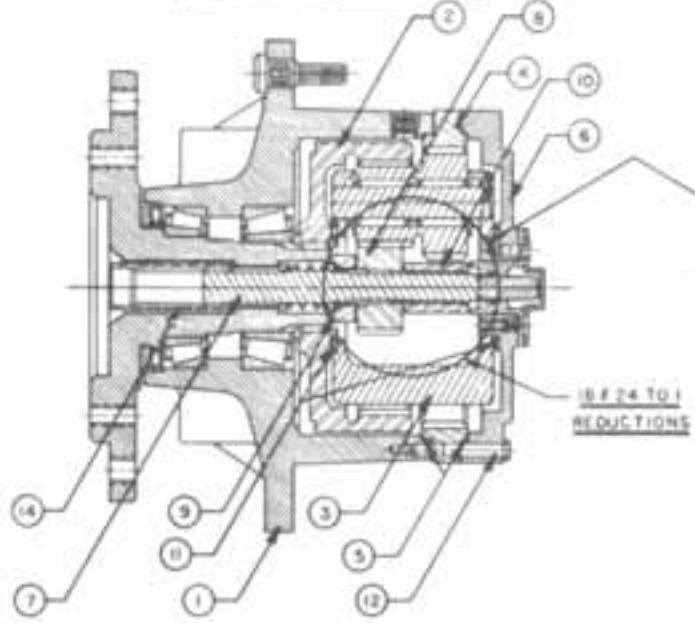
HUB-SPINDLE SUBASSEMBLY



WIA INPUT SHAFT SUBASSEMBLY



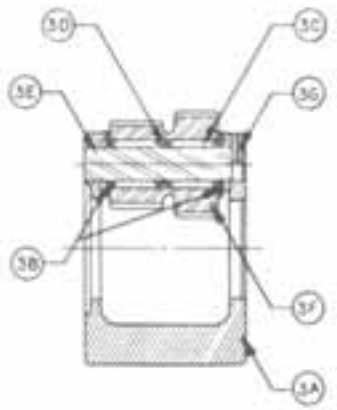
WIB INPUT SHAFT SUBASSEMBLY



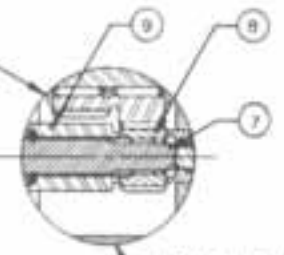
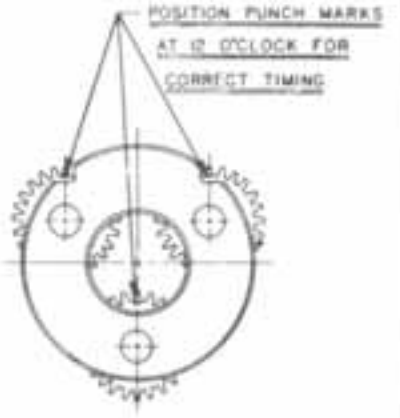
COMPLETE ASSEMBLY



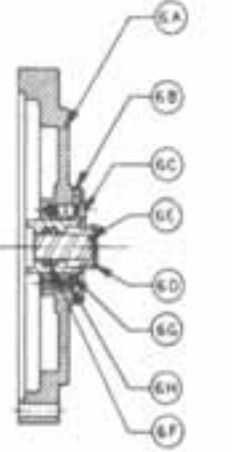
VIEW OF SHOULDER BOLT



CARRIER SUBASSEMBLY



10E24 TO 1 REDUCTIONS



COVER SUBASSEMBLY

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DRAFTSMAN Beck		DATE 10-8-73	FAIRFIELD MFG. CO., INC. LAFAYETTE, IND. 47305
CHECKER			
PROJECT ENG.			TITLE SERVICE LITERATURE
RELEASED			SCALE: DRAWING NO. WIA & WIB

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

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.

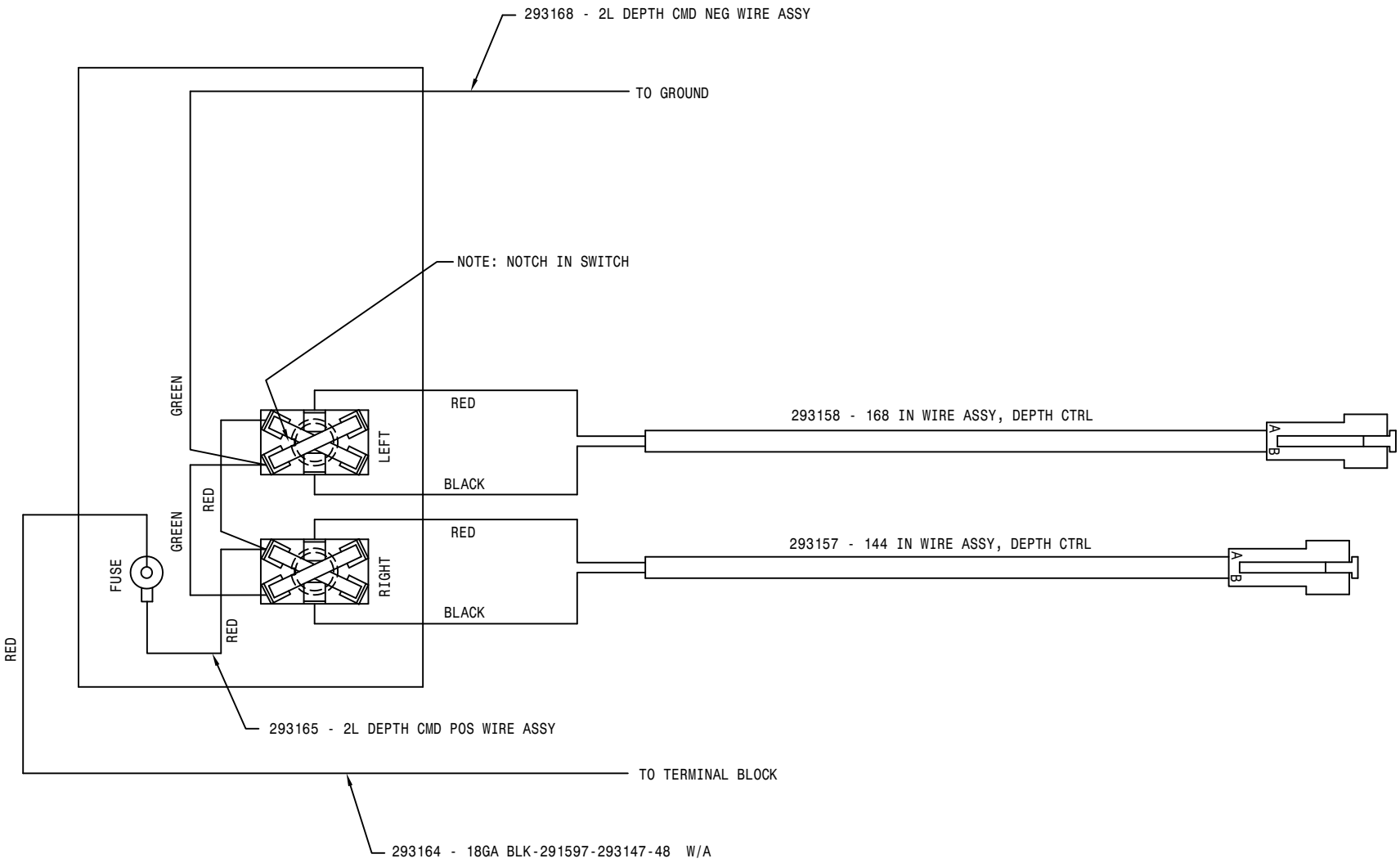
KEEP THEM IN PLACE.

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

200 DECALS

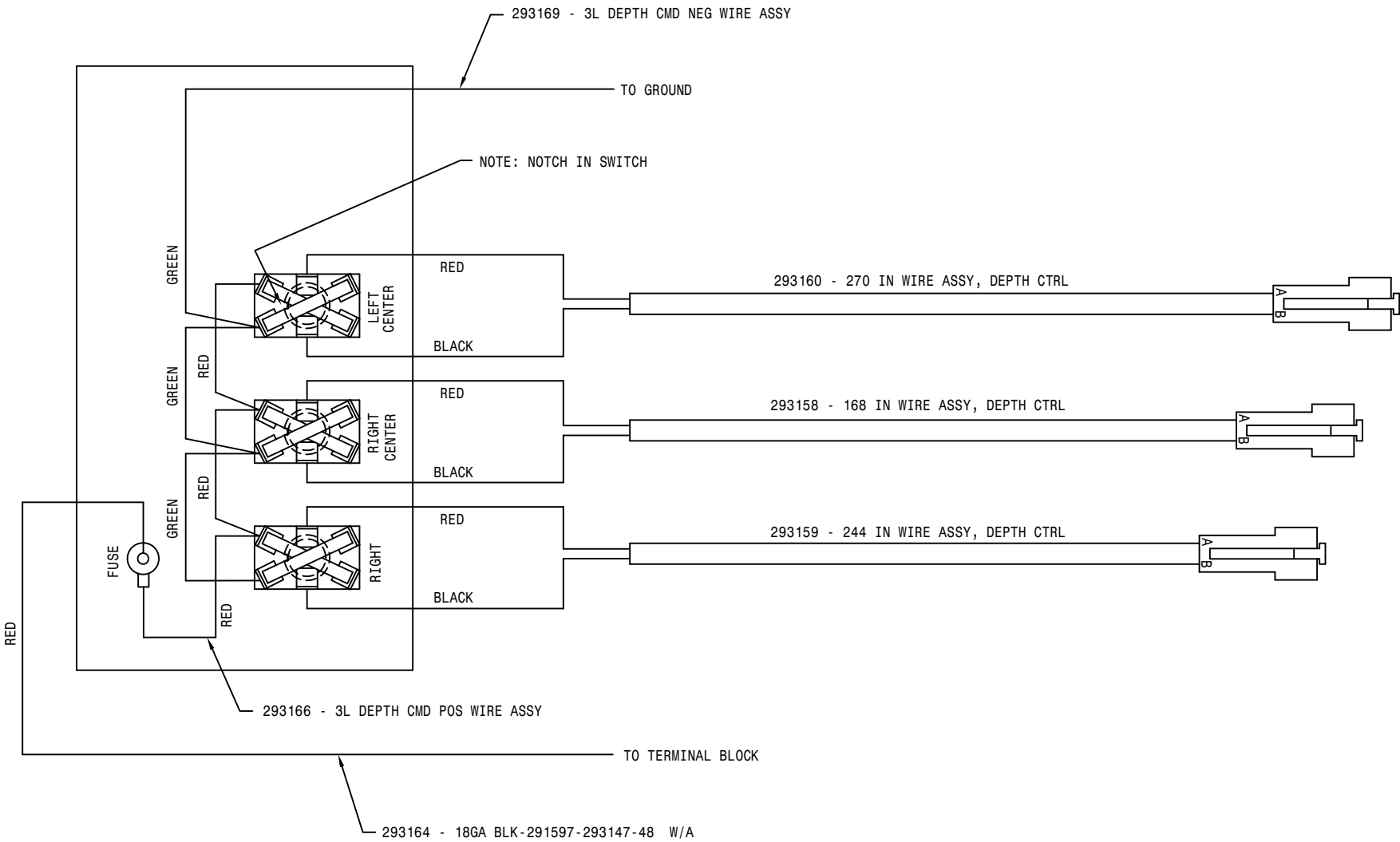
QTY.	PART NO.	DESCRIPTION	LOCATION
1	650831	EMERGENCY STOP DECAL	ON CONSOLE SHEET METAL
1	650935	SPEEDOMETER DECAL	ON SPEEDOMETER
2	650953	GASOLINE DECAL	NEAR EACH FUEL TANK NECK
1	650814	PARK BRAKE DECAL	NEAR PARK BRAKE
2	650819	DANGER, CUTTING BLADES	2-ON EACH CUTTER HEAD
1	650847	NO PASSENGER DECAL	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

61



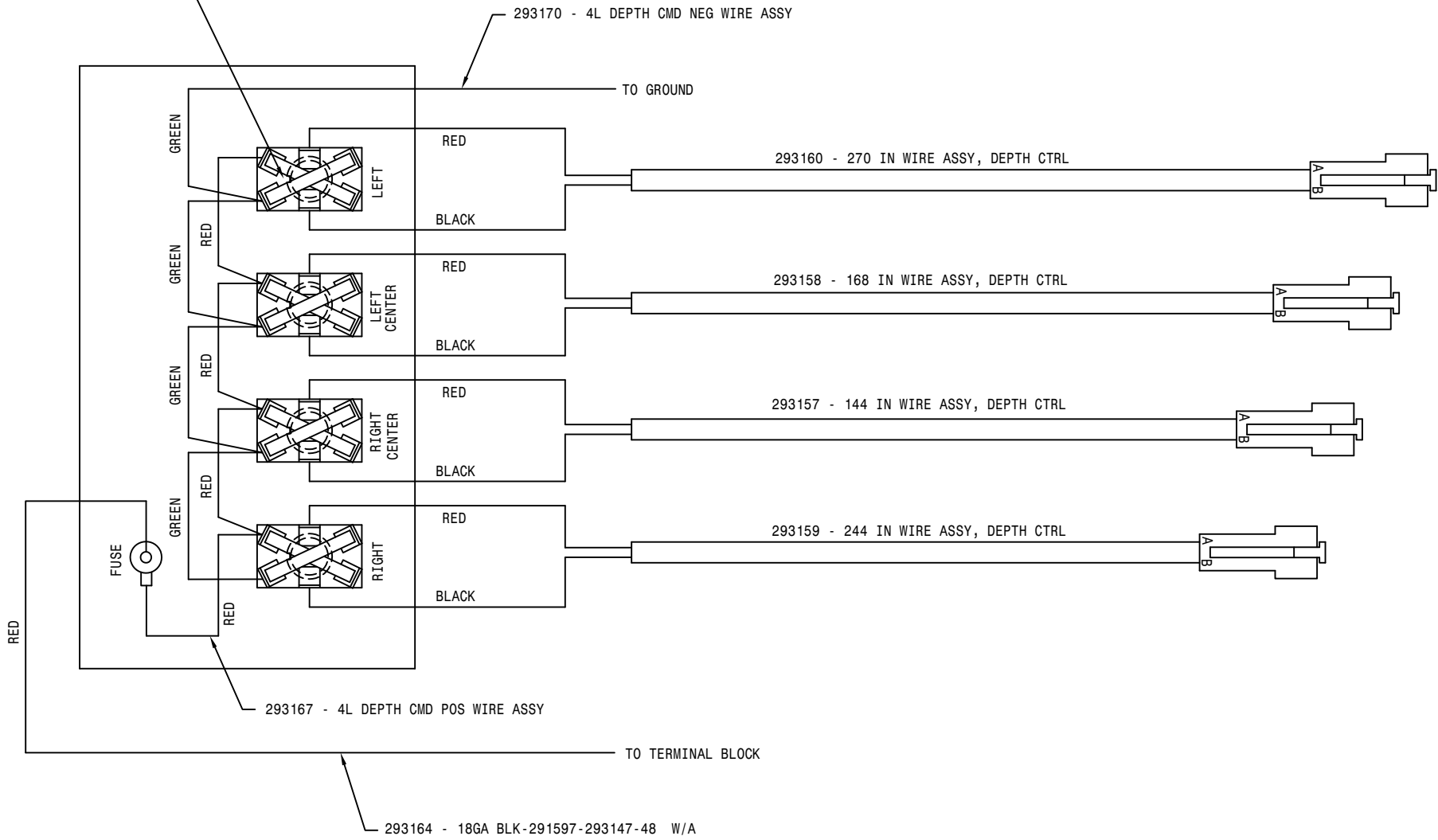
DET	REQ	DESCRIPTION		
 HAGIE MANUFACTURING COMPANY CLARION, IOWA 50525				
REMOVE ALL SHARP CORNERS & BURRS				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
FRACTION	1/32	DECIMALS	X.XX X.XXX	ANGLES
			°.03 °.005	!*
DESCRIPTION				
WIRE DIAG 2 LIFT DEPTH CMD 90				
DRAWN BY		SCALE		
T. MARKER		NONE		
CHECKED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

122061



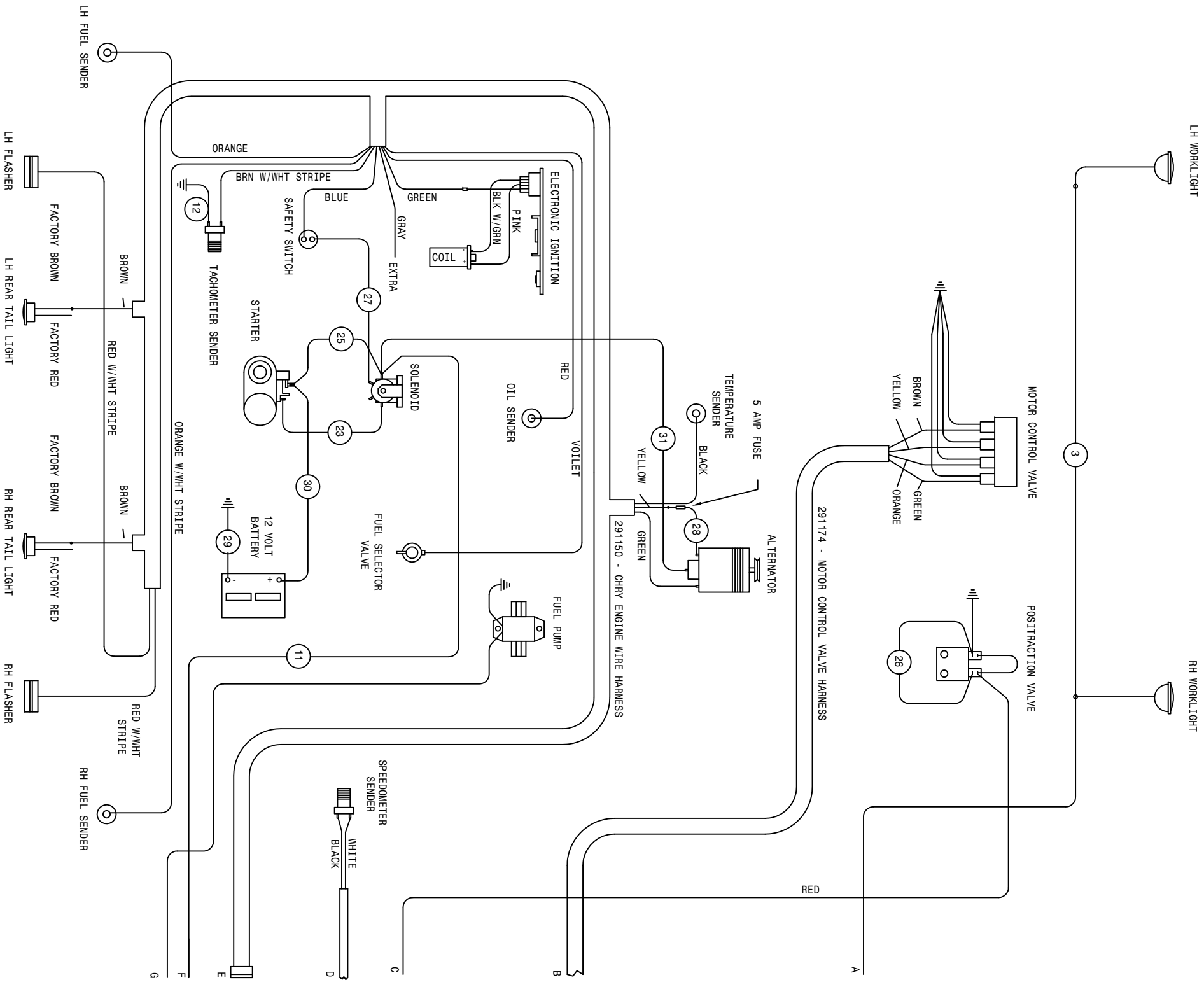
DET	REQ	DESCRIPTION			
HAGIE HAGIE MANUFACTURING COMPANY <small>CLARION, IOWA 50525</small>					
REMOVE ALL SHARP CORNERS & BURRS					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
FRACTION	± 1/32	DECIMALS	X.XX ±.03 X.XXX ±.005	ANGLES	± *
DESCRIPTION					
WIRE DIAG 3 LIFT DEPTH CMD 90					
DRAWN BY		SCALE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

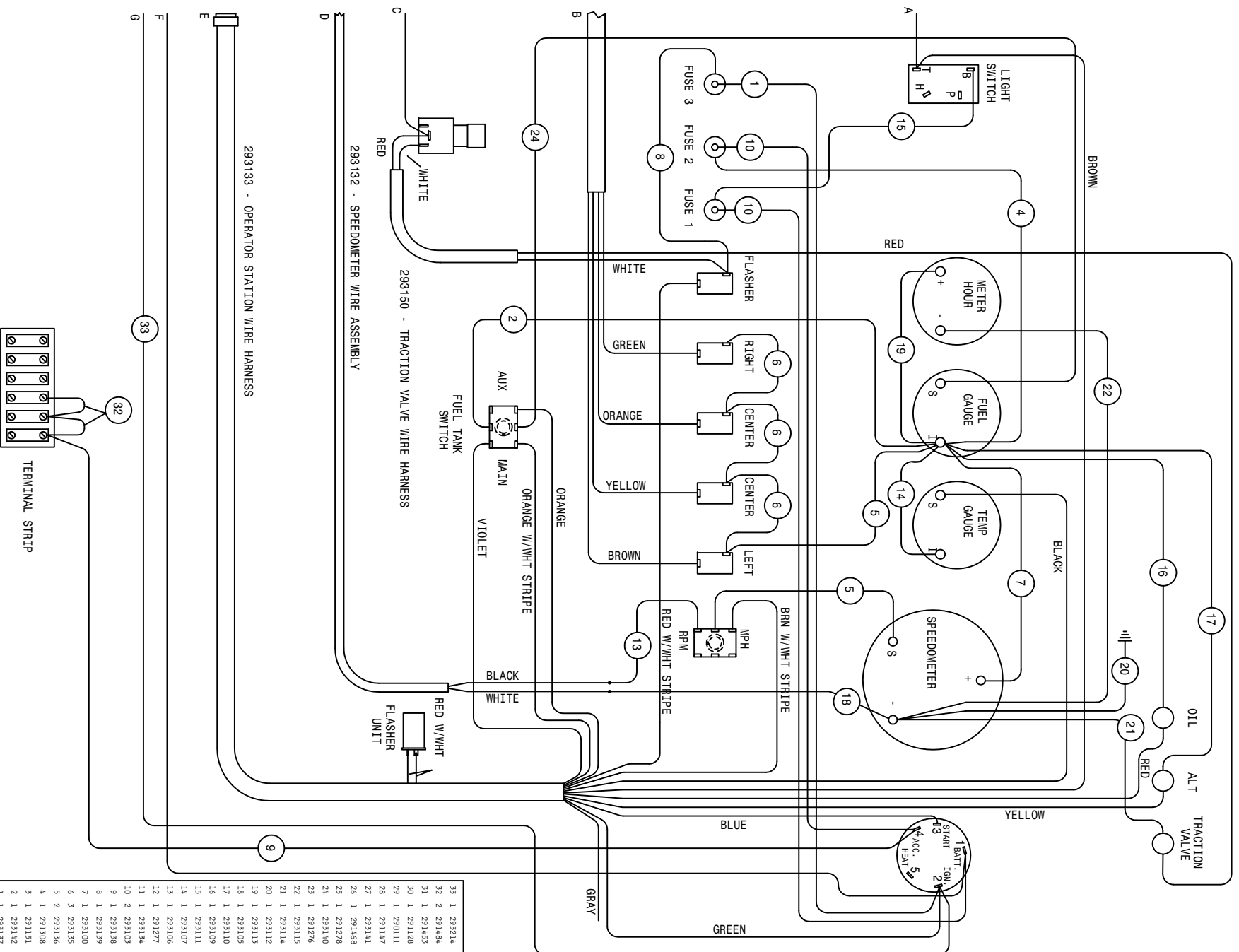
NOTE: NOTCH IN SWITCH



63

DET	REQ	DESCRIPTION	
HAGIE HAGIE MANUFACTURING COMPANY <small>CLARION, IOWA 50525</small>			
REMOVE ALL SHARP CORNERS & BURRS			
TOLERANCE UNLESS OTHERWISE SPECIFIED			
FRACTION	DECIMALS	ANGLES	UNLESS OTHERWISE SPECIFIED
1/32	.03125	±.03	±.005
DESCRIPTION			
WIRE DIAG 4 LIFT DEPTH CMD 90			
DRAWN BY	SCALE		
T. MARKER	NONE		
CHECKED BY	APPROVED BY		
DATE	DRAWING NUMBER		
02-09-90	498361		
SHEET	OF		



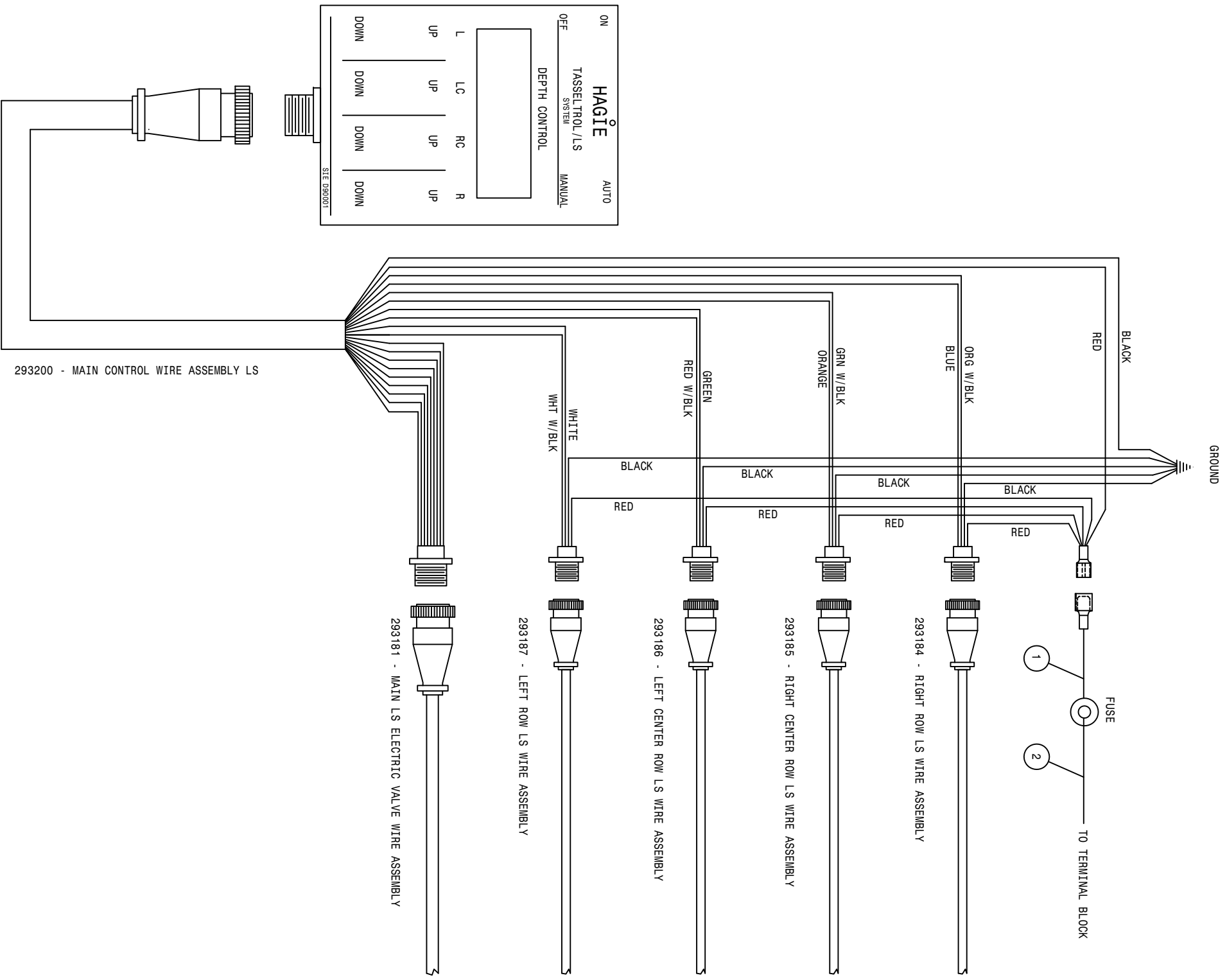


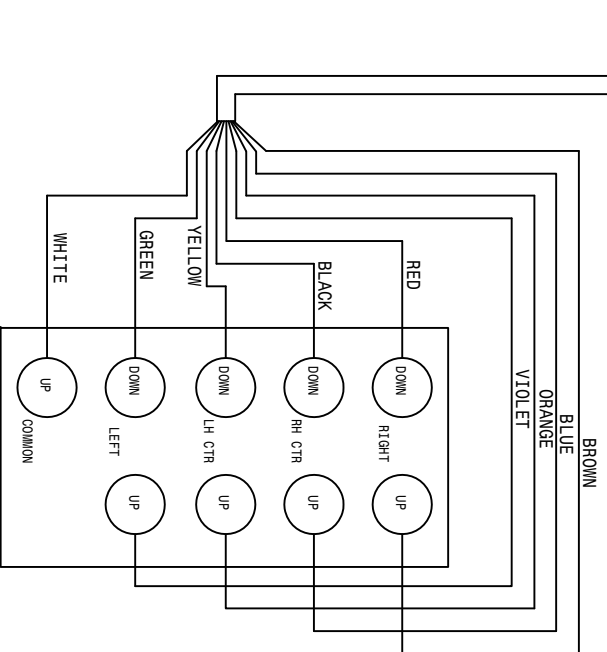
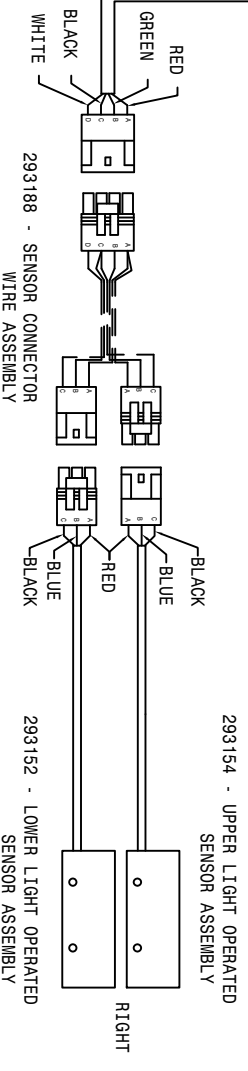
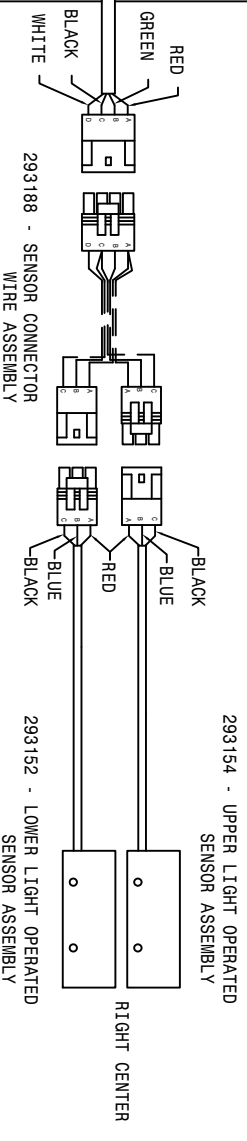
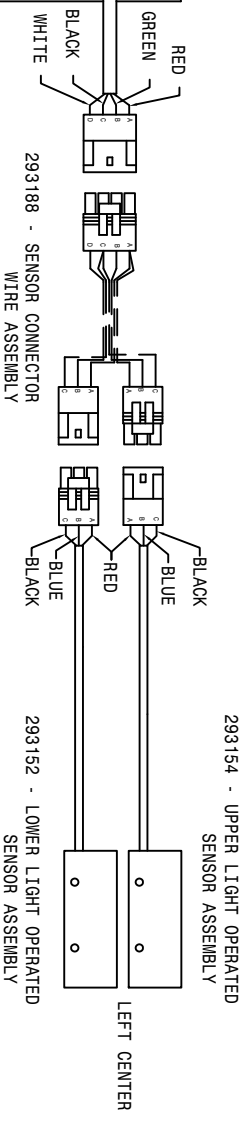
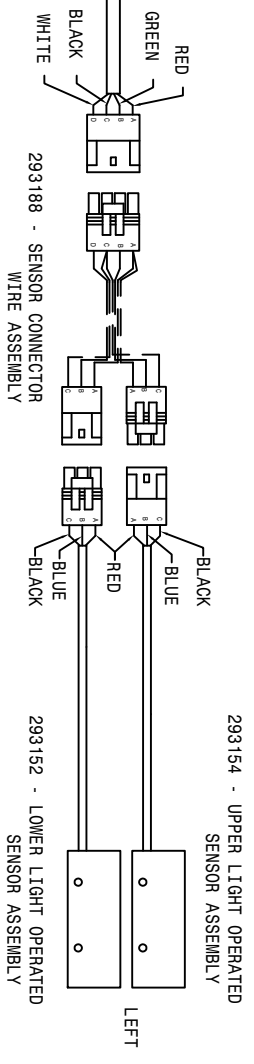
33	1	293214	14 GA RED	291599-291583-108
32	2	292484	14 GA RED	291583-291583-3
31	1	291453	10 GA BLU	291514-291583-53
30	1	291128	48" BATTERY CABLE	
29	1	290111	GROUND STRIP	
28	1	291117	14 GA YEL	291583-8
27	1	293141	16 GA BLU	291583-291583-21
26	1	291468	TRAC'T V.V. GRD WIRE ASSEMBLY	
25	1	291278	10 GA RED	291514-291514-12
24	1	293140	16 GA WHT	291583-291583-17
23	1	291276	10 GA BLU	291514-291564-14
22	1	293115	16 GA WHT	291571-291583-10
21	1	293114	16 GA WHT	291583-291598-6
20	1	293112	16 GA GRN	291511-291583-20
19	1	293113	16 GA WHT	291571-291583-14
18	1	293105	14 GA WHT	291583-291591-12
17	1	293109	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	291583-14
9	1	293138	14 GA RED	291583-291557-36
8	1	293139	14 GA BLK	291583-7
7	1	293100	14 GA RED	291583-291583-11
6	3	293135	14 GA RED	291583-291583-3
5	2	293136	14 GA RED	291583-291583-4
4	1	293108	14 GA RED	291583-5
3	1	291151	HEADLIGHT WIRE ASSEMBLY	
2	1	293142	16 GA RED	291583-291583-17
1	1	293137	14 GA RED	291583-15

200 CHRY WIRING DIAGRAM 90

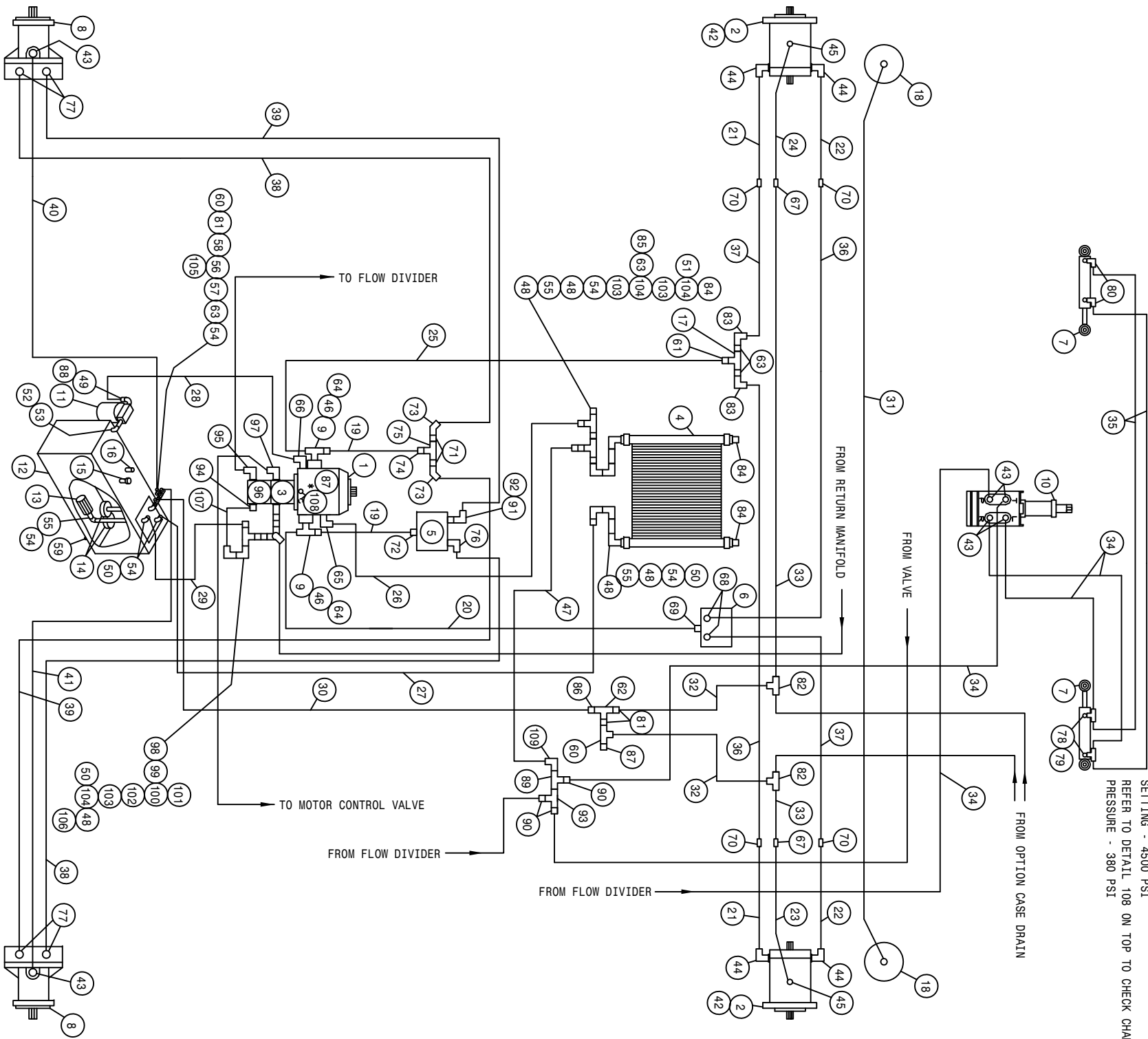
498331

REVISION DATE: 04-22-91





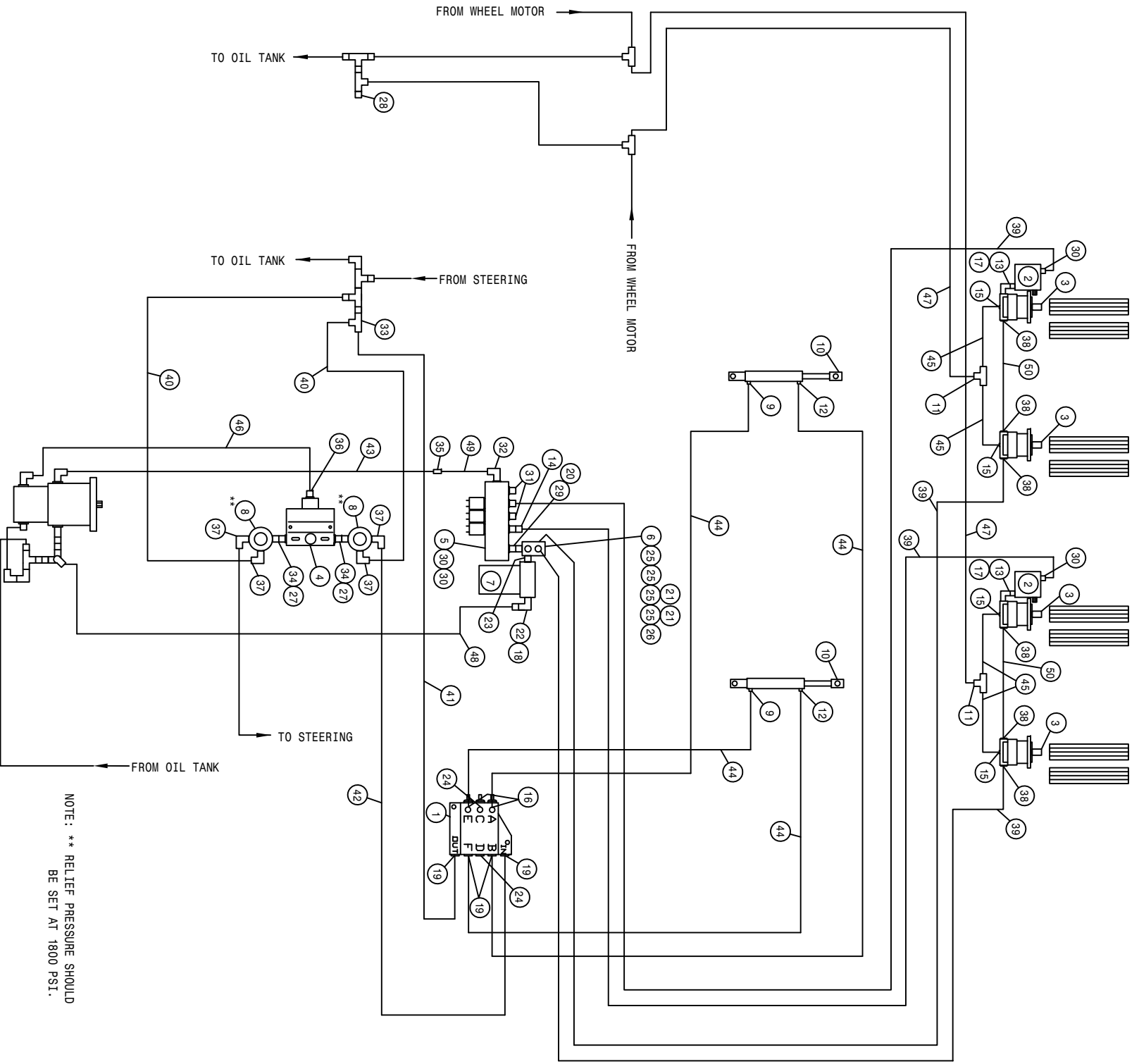
2	23303	189	RD-29157-21	DESCRIPTION
1	23202	189	RD-29158-7	
<p>HAGIE MANUFACTURING COMPANY CLEARING, IOWA 50523</p> <p>REMOVE ALL SHARP CORNERS & BURRS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>FRACTION : 1/32 DECIMALS : .001 ANGLES : ° P</p>				
<p>DESCRIPTION 1-1/2" I.D. L/S WIRE DIAGRAM 90</p> <p>DRAWN BY: T. MARKER SCALE: HALF</p> <p>CHECKED BY: APPROVED BY: </p> <p>DATE: 05-02-90 DRAWING NUMBER: 498365</p>				
NO	DATE	E.C.	BY	REVISION



*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 HYD SCHEMATIC 1991
REFERENCE DRAWING NO. 498367

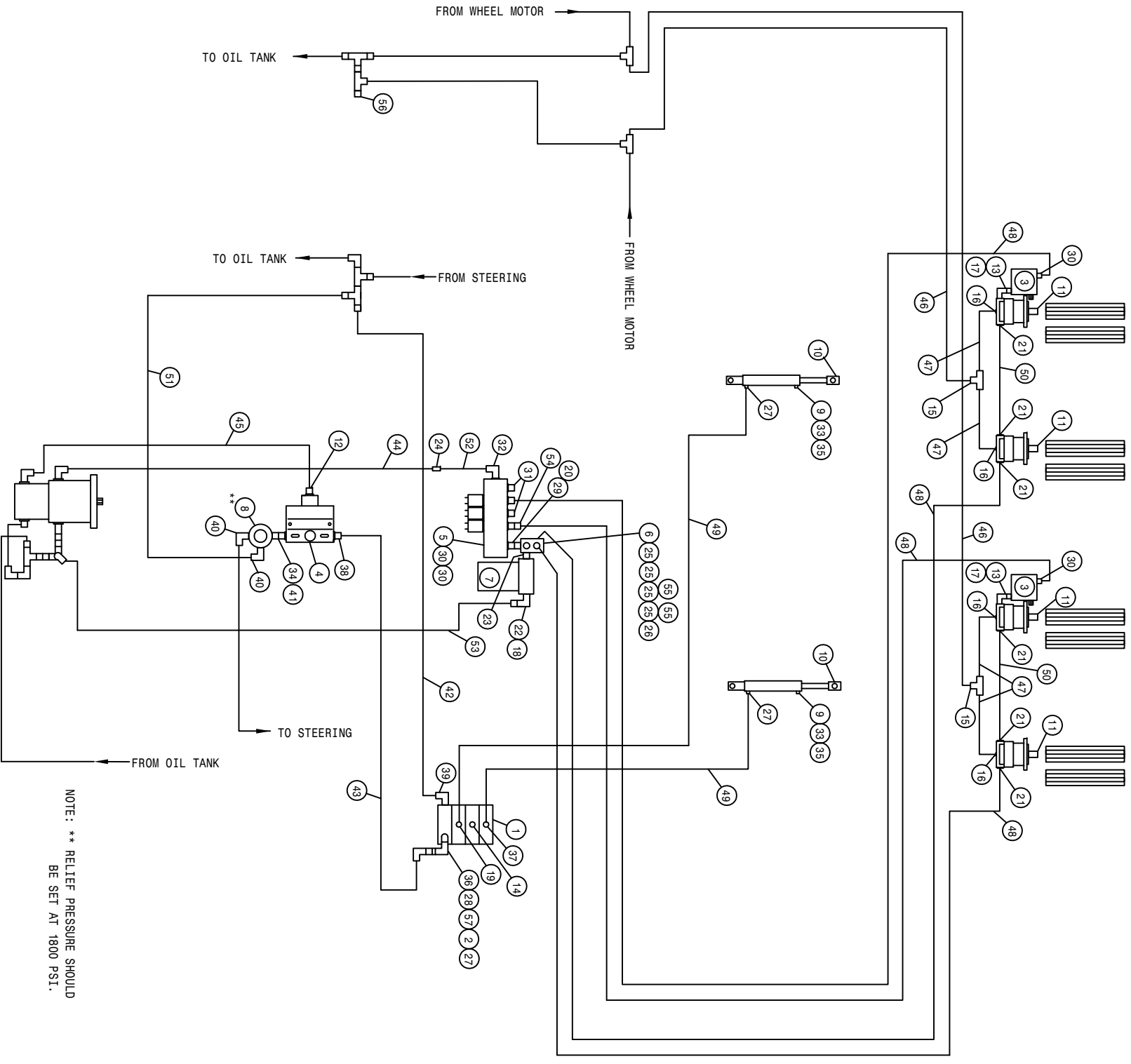
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606884	SUND 750C ECLIPSE PUMP B-MT	56	1	504955	BLK PIPE TEE .75NPT
2	2	610030	SUND WHL MTR EXTEN SHAFT 18	57	1	504702	CLOSE NIPPLE .75NPT
3	1	606894	SUND GEAR PUMP 3.40CI SPLINED	58	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
4	1	618606	OIL COOLER, BLISSFIELD 65027	59	1	501102	1/4 PIPE PLUG
5	1	610468	POSITION VLV MOD CONT 20G	60	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
6	1	610513	POSITION VLV W/BYPASS 60G	61	1	618322	1 5/16MJIC-1MNPT ADPTR
7	2	620080	STRG CYL ASSY 1.50 X 6.0 1985	62	1	503820	BLK PIPE TEE .50NPT
8	2	610512	SUND M23 WHL MTR	63	4	505213	RED BUSH 1 X 3/4 BLK MAL
9	2	618598	1 IN 4-BOLT FLG X 1 5/16FOR	64	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR
10	1	749150	STRG MTR NON-LOAD REACT 1008	65	1	618118	3/4 HOSE BARB-90-1 1/16MOR
11	1	605601	GRESEN FILTER 10 MICRON 40GPM	66	1	618564	1IN HOSE BARB-90-1 5/16MOR
12	1	760097	OIL TANK WLD 8240 1982	67	2	618314	3/4MJIC UNION
13	1	605600	MICHIGAN RESERVOIR FILTER	68	2	618601	7/8MJIC-1 5/16MOR ADPT
14	2	605603	LINE SUMP DIFFUSER	69	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
15	1	611052	FILLER BREATHER 3/4NPT	70	4	618177	1 1/16MJIC UNION
16	1	614453	DIPSTICK, 8IN	71	2	505005	RED BUSH 1 TO 1/2
17	1	614660	1IN STL TEE WLD 280	72	1	618308	1 1/16MJIC-1 5/16MOR ADPTR
18	1	620570	HYD CYL LEG LEVEL 2.00 X 12	73	2	618323	7/8MJIC-45-1/2MNPT LBO
19	2	614672	HYD TUBE ASSY, SUND PUMP 200	74	1	618434	1 1/16MJIC-1MNPT ADPTR
20	1	614697	HYD TUBE ASSY, RH MAIN 200 91	75	1	618575	FNPT PIPE TEE STL
21	2	614665	FRT LEG INNER HYD TUBE ASY200	76	1	618589	7/8MJIC-90-1 5/16MOR LBO
22	2	614668	FRT LEG CNTR HYD TUBE ASSY200	77	4	611126	7/8MJIC-7/8MOR ADPTR
23	1	614666	RH FRT LEG HYD TUBE ASSY 200	78	2	611121	9/16MJIC-1/4MNPT ADPTR
24	1	614667	LH FRT LEG HYD TUBE ASSY 200	79	2	618152	9/16FJ SW BRANCH TEE-9/16MJ
25	1	614676	HYD TUBE ASSY, LH MAIN 200	80	2	611122	9/16MJIC-90-1/4MNPT LBO
26	1	601110	HOSE, 3/4 X 64 2BR RED	81	3	618018	9/16MJIC-1/2MNPT ADPTR
27	1	601314	HOSE, 1.00 2BR RED X 81 LG	82	2	610193	9/16MJIC BLKHD BRANCH TEE
28	1	601303	HOSE, 1.00 2BR RED X 29 LG	83	2	618156	7/8MJIC-90-3/4MNPT LBO
29	1	601309	HOSE, 1 X 48 2BR RED	84	3	505102	PIPE PLUG 1.00NPT SQ HD
30	1	614388	08RLA-08FJX-08FJX-129	85	1	610300	3/4MJIC-3/4MNPT ADPTR
31	1	615614	FRT LEG CYL JUMPER HOSE280	86	1	611147	3/4MJIC-1/2MNPT ADPTR
32	2	614625	06C1T-06FJX-06FJX-30	87	3	618531	9/16FJIC CAP NUT
33	2	615451	06C1T-06FJX-08FJX-58	88	1	506410	3/4MJIC UNION TEE
34	4	611204	04C1T-06FJX-06FJX-78	89	1	618311	3/4MJIC UNION TEE
35	2	614663	04C1T-06FJX-06FJX-16	90	3	618482	3/4FJIC-9/16MJIC ADPTR
36	2	614655	08C2AT-10FJX-12FXJ90-70	91	1	618312	1 5/16MOR-1 1/16FOR ADPTR
37	2	614654	08C2AT-10FJX-12FXJ90-60	92	1	618535	7/8MJIC-90-1 1/16MOR LBO
38	2	614656	08C2AT-10FJX-10FJX-118	93	1	618451	3/4FJIC SW RUN TEE-3/4MJIC
39	2	614657	08C2AT-10FJX-10FJX-125	94	1	618075	3/4 HOSE BARB-1 1/16MOR
40	1	614549	06C1T-06FJX-06FJX-140	95	1	611128	7/8MJIC-90-7/8MOR LBO
41	1	615449	06C1T-06FJX-06FJX-126	96	1	606891	SUND GEAR PMP .52CI SPLINED
42	2	611159	3/4MOR PLUG	97	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
43	6	618496	9/16MJIC-45-3/4MOR LBO	98	1	618596	1 5/8MOR-1 1/4FNPT ADPTR
44	4	618302	1 1/16MJIC-90-1 5/16MOR LBO	99	1	506200	CLOSE NIPPLE 1.25NPT
45	2	618315	3/4MJIC-45-3/4MOR LBO	100	1	506701	SIDE OUTLET EL 90DEG 1.25NPT
46	2	618599	1 5/16MOR BRANCH TEE-1 5/16MJ	101	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
47	1	615465	08C1T-08FJX-08FJX-33	102	1	506005	1 1/4 TO 1 RED BUSH BLK MAL
48	5	505200	BLK PIPE ST EL 90DEG 1.00NPT	103	3	505201	CLOSE NIPPLE 1.00NPT
49	1	715664	1 1/4 NPT X 1 HOSE BARB	104	3	505101	BLK PIPE TEE 1.00NPT
50	4	714560	1NPT X 1 HOSE BARB	105	1	610305	3/4MJIC-90-3/4MNPT LBO
51	1	714331	1 NPT X 3/4 HOSE BARB	106	1	716000	3/4 HOSE BARB-90-1MNPT
52	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2	107	1	601311	HOSE, 3/4 X 8 2BR RED
53	1	506303	BLK PIPE EL 90DEG 1.25NPT	108	2	618126	9/16MJIC-9/16MOR ADPTR
54	6	505300	BLK PIPE EL 90DEG 1.00NPT	109	2	618609	3/4MJIC-90-3/4FJIC SWIV LBO
55	3	505203	BLK PIPE NIPPLE 1.00NPT-4.00		1		



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

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

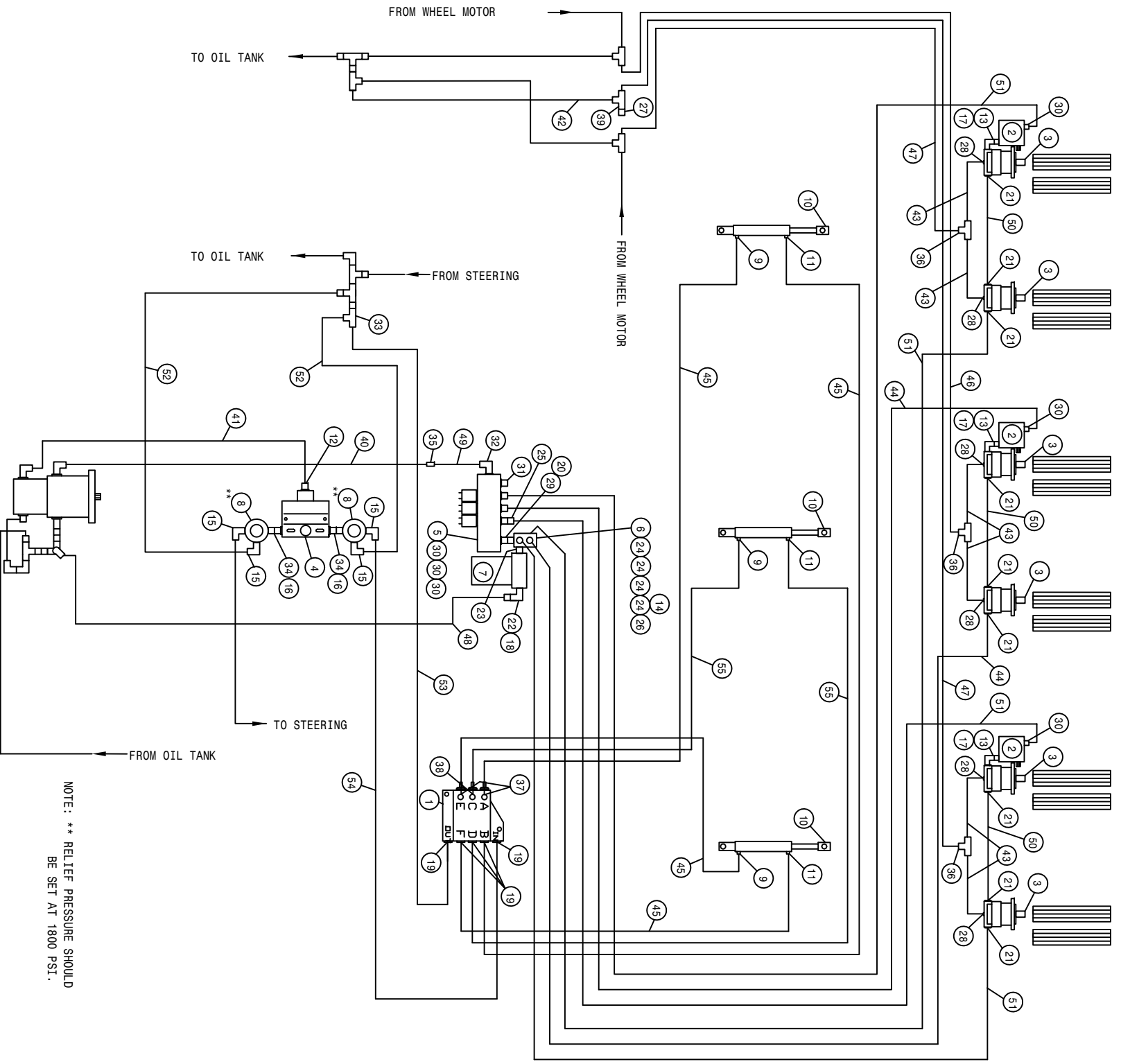
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	*26	1	503700	PIPE PLUG .50NPT SQ HD
2	2	610528	PRESS COMP FIXED FLO REG 11G	27	2	618072	7/8MOR-1/2FNPT ADPTR
3	4	610510	CESSNA GEAR MOTOR 1.48CI	*28	1	618531	9/16FJIC CAP NUT
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	30	4	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 1800 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	620900	CYL ASSY CC2016 D00 SRG 180	*35	1	618577	1 5/16MJIC UNION
11	2	618019	9/16MJIC UNION TEE	36	1	611126	7/8MJIC-7/8MOR ADPTR
12	2	611122	9/16MJIC-90-1/4MNPT LBO	37	4	618107	9/16MJIC-90-1/2MNPT LBO
13	2	618578	1 1/16FJIC SWIV-1 1/16MOR	38	6	618474	3/4MJIC-90-1 1/16MOR LBO
14	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	39	4	614689	08C1T-08FJX-08FJX-120
15	4	611121	9/16MJIC-1/4MNPT ADPTR	*40	2	616042	04C1A-06FJX-06FJX-13
16	2	618119	9/16MJIC-90-9/16MOR LBO	*41	1	614627	06C1T-06FJX-06FJX-45
17	2	618248	1 1/16MJIC-90-1 1/16MOR LBO	*42	1	615616	04C1T-06FJX-06FJX-65
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	4	618126	9/16MJIC-9/16MOR ADPTR	44	4	614101	04C1A-06FJX-06FJX-133
*20	1	618587	1 5/16FJIC SWIV-1MNPT	45	4	616027	04C1A-06FJX-06FJX-39
*21	2	618532	3/4FJIC CAP NUT	*46	1	614664	10C1T-10FJX-10FJX-91
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	47	2	614639	04C1A-06FJX-06FJX-126
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
24	2	610185	9/16MOR PLUG	*49	1	614348	16C2AT-16FJX-16FJX-25
*25	4	611145	3/4MJIC-90-1/2MNPT LBO	50	2	616058	08C1T-08FJX-08FJX-80



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

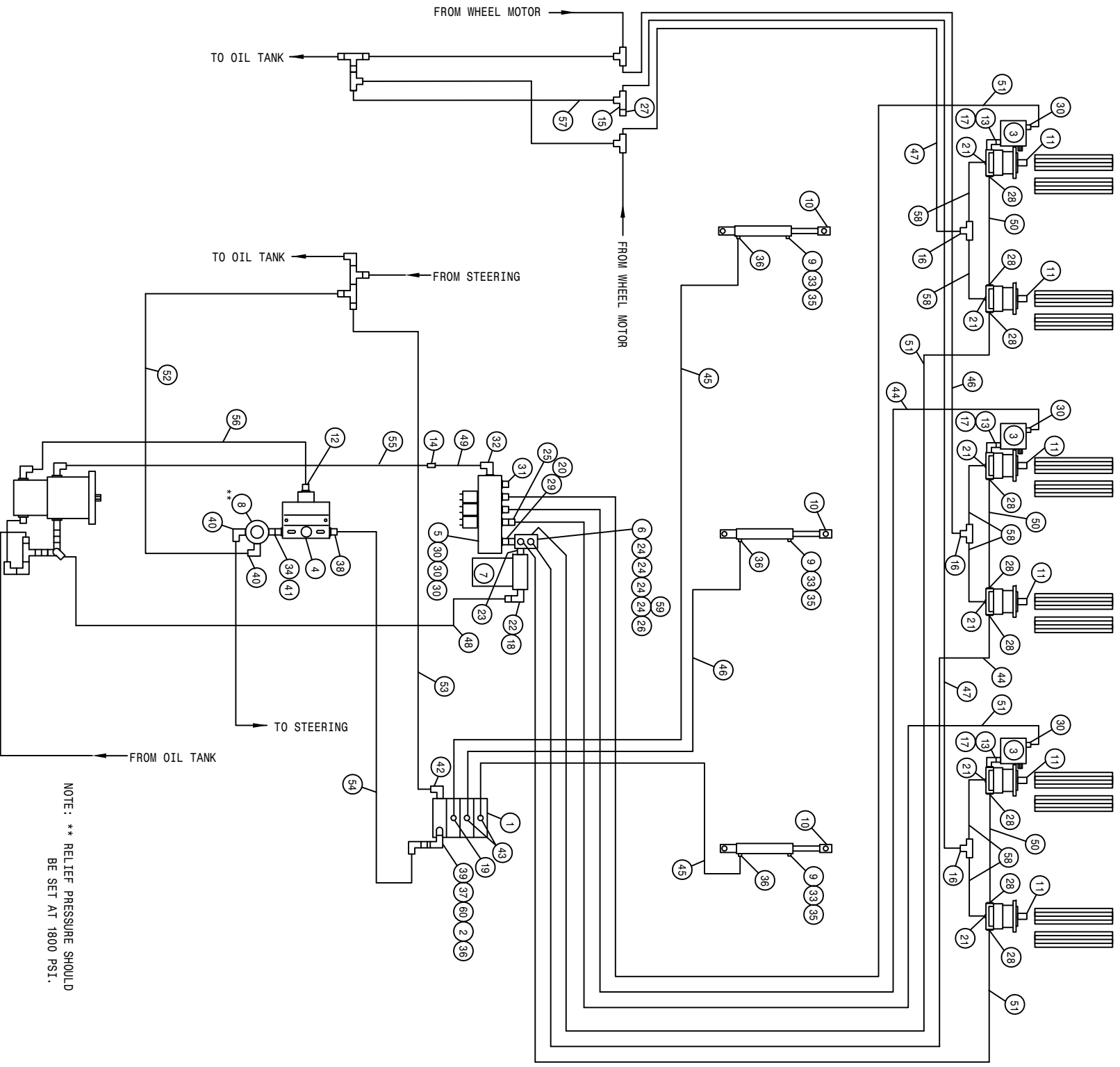
200 4R ROLLER 2L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498373

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	89	30	618469	3/4MJC-1 1/16MOR ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	31	2	610186	1 1/16MOR PLUG
3	2	610528	PRESS COMP FIXED FLO REG 11G	32	1	618178	1 5/16MJC-90-1 5/16MOR LBO
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	33	2	738859	STRAINER 50 MESH NYLON
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	2	500005	CAP NUT .688FPS NYLON
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	36	1	618170	3/4MOR-9/16FOR ADPTR
8	1	607512	RELIEF VALVE, RL50 1800 PSI	37	1	618119	9/16MJC-90-9/16MOR LBO
9	2	737810	NOZL BODY .25NPT NYLON MALE	38	1	618310	9/16MJC-7/8MOR ADPTR
10	2	620900	CYL ASSY CC2016 D00 SRG 180	39	1	618600	9/16MJC-90-7/8MOR LBO
11	4	610510	CESSNA GEAR MOTOR 1.48CI	40	2	618107	9/16MJC-90-1/2MNP LBO
12	1	611126	7/8MJC-7/8MOR ADPTR	41	1	618072	7/8MOR-1/2FNPT ADPTR
13	2	618578	1 1/16FJC SWIV-1 1/16MOR	*42	1	614627	06C1T-06FJX-06FJX-45
14	1	610185	9/16MOR PLUG	*43	1	615616	04C1T-06FJX-06FJX-65
15	2	618019	9/16MJC UNION TEE	*44	1	614687	HYD TUBE ASSY SUND AUX 200 90
16	4	611121	9/16MJC-1/4MNP ADPTR	*45	1	614664	10C1T-10FJX-10FJX-91
17	2	618248	1 1/16MJC-90-1 1/16MOR LBO	46	2	614639	04C1A-06FJX-06FJX-126
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	47	4	616027	04C1A-06FJX-06FJX-59
19	1	618425	9/16MJC-45-9/16MOR LBO	48	4	614689	08C1T-08FJX-08FJX-120
*20	1	618587	1 5/16FJC SWIV-1MNP	49	2	614101	04C1A-06FJX-06FJX-133
21	6	618474	3/4MJC-90-1 1/16MOR LBO	50	2	616058	08C1T-08FJX-08FJX-80
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*51	1	616042	04C1A-06FJX-06FJX-13
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*52	1	614348	16C2AT-16FJX-16FJX-25
*24	1	618577	1 5/16MJC UNION	*53	1	601289	HOSE, 1.25 ZBR RED X 144.00
*25	4	611145	3/4MJC-90-1/2MNP LBO	54	1	618590	3/4MJC-45-3/4FJC SWIV LBO
*26	1	503700	PIPE PLUG .50NPT SQ HD	*55	2	618532	3/4FJC CAP NUT
27	3	611122	9/16MJC-90-1/4MNP LBO	*56	1	618531	9/16FJC CAP NUT
28	1	618440	9/16MJC-90-9/16MOR EX LG LBO	57	1	618608	9/16FJC SWIV-1/4MNP
29	1	618186	1 5/16MJC-1 5/16MOR ADPTR				



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

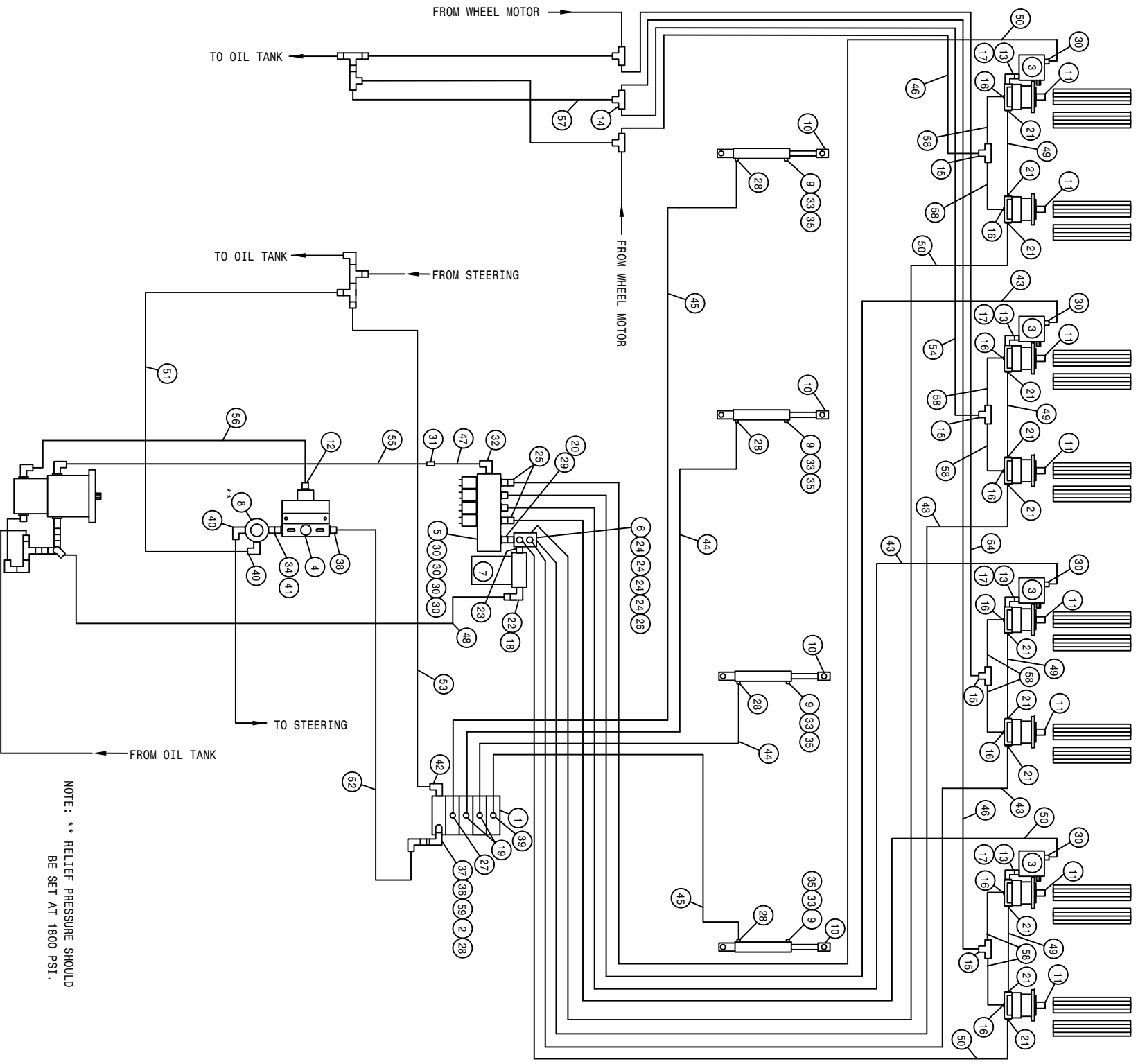
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
2	3	610528	PRESS COMP FIXED FLO REG 11G	30	6	618469	3/4MJIC-1 1/16MOR ADPTR
3	6	610510	CESSNA GEAR MOTOR 1.48CI	31	1	610186	1 1/16MOR PLUG
4	1	607504	FLO DIV B50 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	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
* 6	1	614635	HYD MANIF 8200 86	34	2	500000	1/2MNP 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 1800 PSI	36	3	618019	9/16MJIC UNION TEE
9	3	614649	RESTRICTOR ASSY 1-WAY	37	2	618119	9/16MJIC-90-9/16MOR LBO
10	3	620900	CYL ASSY CC2016 D00 SRG 180	38	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
11	3	611122	9/16MJIC-90-1/4MNP LBO	39	1	610193	9/16MJIC BLKHD BRANCH TEE
12	1	611126	7/8MJIC-7/8MOR ADPTR	*40	1	614687	HYD TUBE ASSY SUND AUX 200 90
13	3	618578	1 1/16FJIC SWIV-1 1/16MOR	*41	1	614664	10C1T-10FJX-10FJX-91
*14	1	618532	3/4FJIC CAP NUT	42	1	616026	04C1A-06FJX-06FJX-37
15	4	618107	9/16MJIC-90-1/2MNP LBO	43	6	616027	04C1A-06FJX-06FJX-39
16	2	618072	7/8MOR-1/2FNPT ADPTR	44	2	614688	08C1T-08FJX-08FJX-108
17	3	618248	1 1/16MJIC-90-1 1/16MOR LBO	45	4	611212	04C1T-06FJX-06FJX-164
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	46	1	614077	04C1T-06FJX-06FJX-88
19	5	618126	9/16MJIC-9/16MOR ADPTR	47	2	611210	04C1A-06FJX-06FJX-156
*20	1	618587	1 5/16FJIC SWIV-1MNP	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
21	9	618474	3/4MJIC-90-1 1/16MOR LBO	*49	1	614348	16C2AT-16FJX-16FJX-25
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	50	3	616058	08C1T-08FJX-08FJX-80
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	51	4	614690	08C1T-08FJX-08FJX-192
*24	4	611145	3/4MJIC-90-1/2MNP LBO	*52	2	616042	04C1A-06FJX-06FJX-13
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*53	1	614627	06C1T-06FJX-06FJX-45
*26	1	503700	PIPE PLUG .50NPT SQ HD	*54	1	615616	04C1T-06FJX-06FJX-65
*27	1	618531	9/16FJIC CAP NUT	55	2	611208	04C1A-06FJX-06FJX-98
28	6	611121	9/16MJIC-1/4MNP ADPTR				H/A



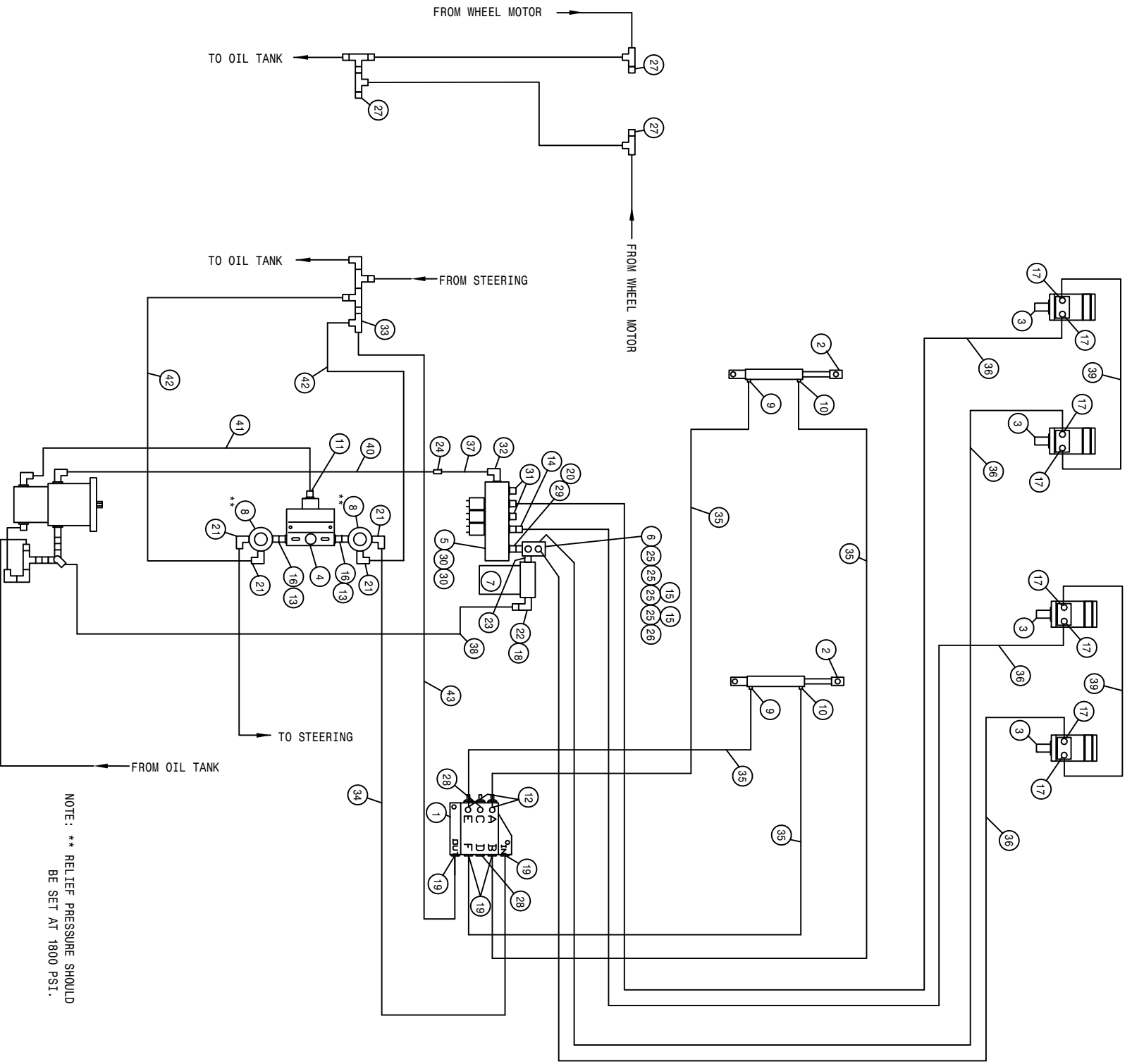
NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

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 W/ADJ	89	31	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	3	610528	PRESS COMP FIXED FLO REG 11G	33	3	738859	STRAINER 50 MESH NYLON
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	34	1	500000	1/2MNP HEX PIPE NIPPLE STL
5	1	610467	MODULAR MTR CONTROL ELECT VLV	35	3	500005	CAP NUT .688FPS NYLON
* 6	1	614633	HYD MANIF 8200 86	36	4	611122	9/16MJIC-90-1/4MNP LBO
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	37	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
8	1	607512	RELIEF VALVE, RL50 1800 PSI	38	1	618310	9/16MJIC-7/8MOR ADPTR
9	3	737810	NOZL BODY .25NPT NYLON MALE	39	1	618170	3/4MOR-9/16FOR ADPTR
10	3	620900	CYL ASSY CC2016 D00 SRG 180	40	2	618107	9/16MJIC-90-1/2MNP LBO
11	6	610510	CESSNA GEAR MOTOR 1.48CI	41	1	618072	7/8MOR-1/2FNPT ADPTR
12	1	611126	7/8MJIC-7/8MOR ADPTR	42	1	618600	9/16MJIC-90-7/8MOR LBO
13	3	618578	1 1/16FJIC SWIV-1 1/16MOR	43	2	618119	9/16MJIC-90-9/16MOR LBO
*14	1	618577	1 5/16MJIC UNION	44	2	614688	08C1T-08FJX-08FJX-108
15	1	610193	9/16MJIC BLKHD BRANCH TEE	45	2	614101	04C1A-06FJX-06FJX-133
16	3	618019	9/16MJIC UNION TEE	46	2	614077	04C1T-06FJX-06FJX-88
17	3	618248	1 1/16MJIC-90-1 1/16MOR LBO	47	2	611210	04C1A-06FJX-06FJX-156
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
19	1	618425	9/16MJIC-45-9/16MOR LBO	*49	1	614348	16C2AT-16FJX-16FJX-25
*20	1	618587	1 5/16FJIC SWIV-1MNP	50	3	616058	08C1T-08FJX-08FJX-80
21	6	611121	9/16MJIC-1/4MNP ADPTR	51	4	614690	08C1T-08FJX-08FJX-192
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*52	1	616042	04C1A-06FJX-06FJX-13
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*53	1	614627	06C1T-06FJX-06FJX-45
*24	4	611145	3/4MJIC-90-1/2MNP LBO	*54	1	615616	04C1T-06FJX-06FJX-65
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*55	1	614687	HYD TUBE ASSY SUND 200 90
*26	1	503700	PIPE PLUG .50NPT SQ HD	*56	1	614664	10C1T-10FJX-10FJX-91
*27	1	618531	9/16FJIC CAP NUT	57	1	616026	04C1A-06FJX-06FJX-37
28	9	618474	3/4MJIC-90-1 1/16MOR LBO	58	6	616027	04C1A-06FJX-06FJX-39
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	*59	1	618532	3/4FJIC CAP NUT
30	6	618469	3/4MJIC-1 1/16MOR ADPTR	60	1	618608	9/16FJIC SWIV-1/4MNP



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

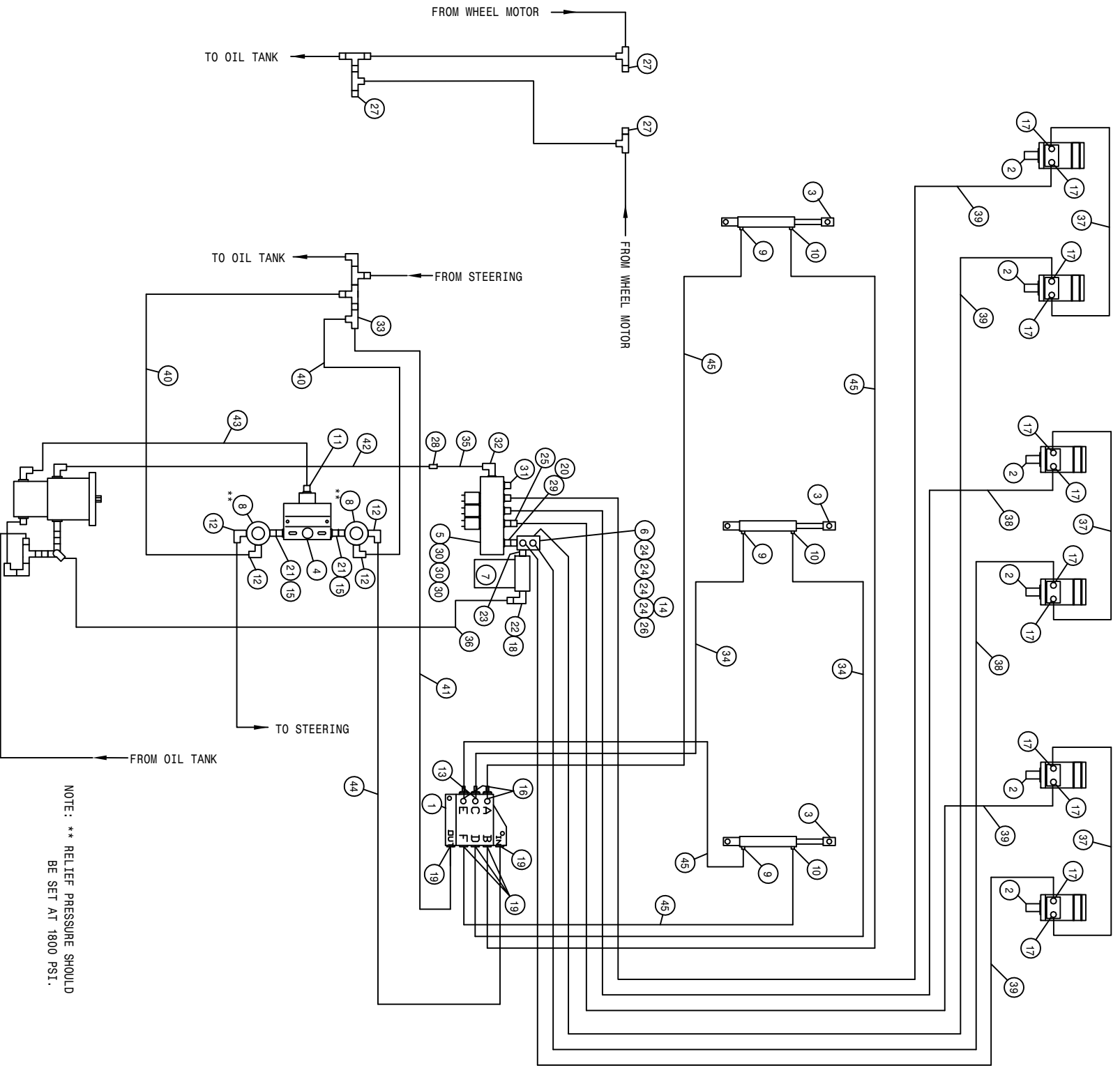


200 4R QUAD 2L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498377

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPPL VALVE W/O RELIEF	*23	1	6181144	1 1/4-1MP HEX PIPE NIPPLE STL
2	2	620900	CYL ASSY CC2016 D00 SRG 180	*24	1	618577	1 5/16MJIC UNION
3	4	610547	HYD MOTOR 4.5CI 1IN SHFT	*25	4	611145	3/4MJIC-90-1/2MNPT LBO
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*26	1	503700	PIPE PLUG .50NPT SQ HD
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*27	3	618531	9/16FJIC CAP NUT
*6	1	614633	HYD MANIF 8200 86	28	2	610185	9/16MOR PLUG
*7	1	605601	GRESN FILTER 10 MICRON 40GPM	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
8	2	607512	RELIEF VALVE, RL50 1800 PSI	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
9	2	614649	RESTRICTOR ASSY 1-WAY	31	2	610186	1 1/16MOR PLUG
10	2	611122	9/16MJIC-90-1/4MNPT LBO	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
12	2	618119	9/16MJIC-90-9/16MOR LBO	*34	1	615616	04C1T-06FJX-06FJX-65
13	2	618072	7/8MOR-1/2FNPT ADPTR	35	4	614101	04C1A-06FJX-06FJX-133
14	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	36	4	614689	08C1T-08FJX-08FJX-120
*15	2	618532	3/4FJIC CAP NUT	*37	1	614348	16C2AT-16FJX-16FJX-25
16	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*38	1	601289	HOSE, 1.25 2BR RED X 144.00
17	8	618327	3/4MJIC-7/8MOR ADPTR	39	2	616025	08C1T-08FJX-08FJX-50
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*40	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	4	618126	9/16MJIC-9/16MOR ADPTR	*41	1	614664	10C1T-10FJX-10FJX-91
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*42	2	616042	04C1A-06FJX-06FJX-13
21	4	618107	9/16MJIC-90-1/2MNPT LBO	*43	1	614627	06C1T-06FJX-06FJX-45
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT				H/A

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

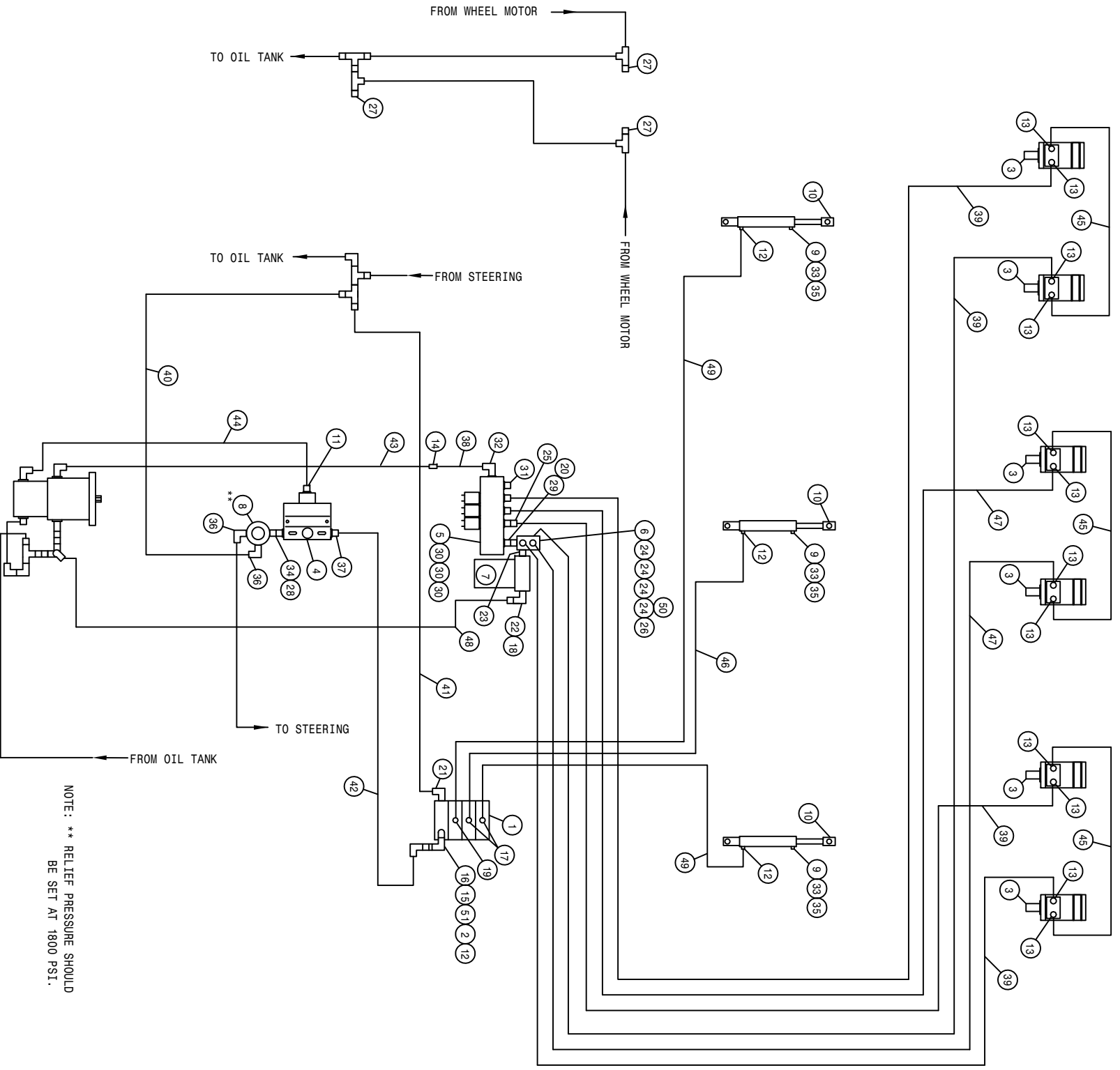
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	89	*26	503700	PIPE PLUG .50NPT SQ HD
2	1	610447	HYD FILTER INLINE 1/4FNPT	90M	*27	618531	9/16FJIC CAP NUT
3	4	610547	HYD MOTOR 4.5CI 1IN SHFT	28	1	618600	9/16MJIC-90-7/8MOR LBO
4	1	607504	FLO DIV B50 2-8GPM 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	1	607512	RELIEF VALVE, RL50 1800 PSI	33	2	738859	STRAINER 50 MESH NYLON
9	2	737810	NOZL BODY .25NPT NYLON MALE	34	1	500000	1/2MNPT HEX PIPE NYLON
10	2	620900	CYL ASSY CG2016 D00 SRG 180	35	2	500005	CAP NUT .688FPS NYLON
11	1	611126	7/8MJIC-7/8MOR ADPTR	36	1	618072	7/8MOR-1/2FNPT ADPTR
12	1	610185	9/16MOR PLUG	37	2	618107	9/16MJIC-90-1/2MNPT LBO
13	8	618327	3/4MJIC-7/8MOR ADPTR	*38	1	601289	HOSE, 1.25 2BR RED X 144.00
*14	1	618577	1 5/16MJIC UNION	39	2	614101	04C1A-06F3X-06F3X-133
15	3	611122	9/16MJIC-90-1/4MNPT LBO	*40	1	614348	16C2AT-16F3X-16F3X-25
16	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	41	4	614689	08C1T-08F3X-08F3X-120
17	1	618170	3/4MOR-9/16FOR ADPTR	*42	1	616042	04C1A-06F3X-06F3X-13
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*43	1	614627	06C1T-06F3X-06F3X-45
19	1	618425	9/16MJIC-45-9/16MOR LBO	*44	1	615616	04C1T-06F3X-06F3X-65
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*45	1	614687	HYD TUBE ASSY SUND AUX 200 90
21	1	618119	9/16MJIC-90-9/16MOR LBO	*46	1	614664	10C1T-10F3X-10F3X-91
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	47	2	616025	08C1T-08F3X-08F3X-50
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	48	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
24	1	618310	9/16MJIC-7/8MOR ADPTR	*49	2	618532	3/4FJIC CAP NUT
*25	4	611145	3/4MJIC-90-1/2MNPT LBO	50	1	618608	9/16FJIC SWIV-1/4MNPT



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

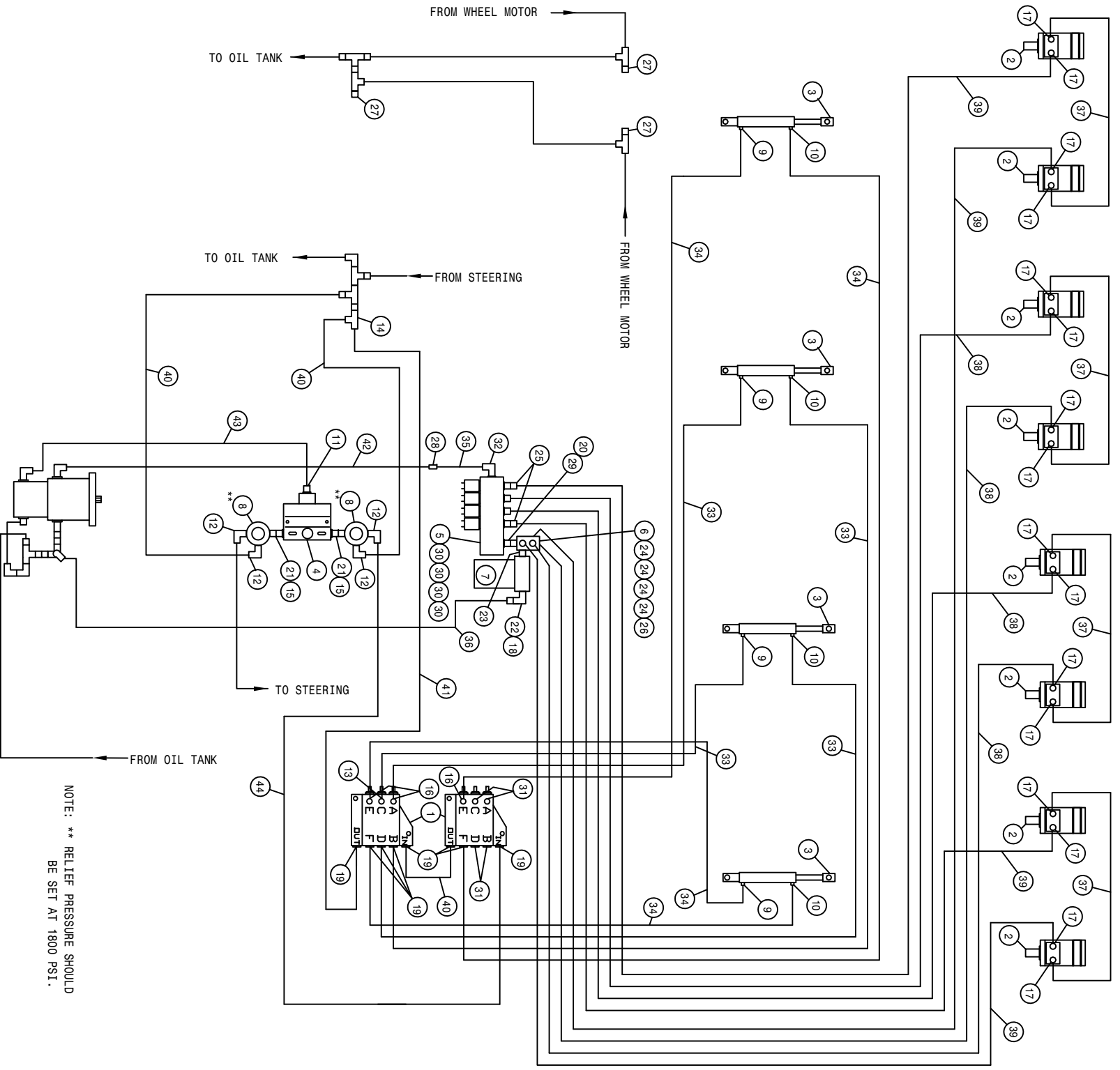
200 6R QUAD 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498379

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	*24	4	611145	3/4MJIC-90-1/2MNPT LBO
2	6	610547	HYD MOTOR 4.5CI 1IN SHFT	25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
3	3	620900	CYL ASSY CC2016 D00 SRG 180	*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	1	618577	1 5/16MJIC UNION
*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	3	618469	3/4MJIC-1 1/16MOR ADPTR
8	2	607512	RELIEF VALVE, RL50 1800 PSI	31	1	610186	1 1/16MOR PLUG
9	3	614649	RESTRICTOR ASSY 1-WAY	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
10	3	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	2	611208	04C1A-06FJX-06FJX-98
12	4	618107	9/16MJIC-90-1/2MNPT LBO	*35	1	614348	16C2AT-16FJX-16FJX-25
13	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*36	1	601289	HOSE, 1.25 2BR RED X 144.00
*14	1	618532	3/4FJIC CAP NUT	37	3	616025	08C1T-08FJX-08FJX-50
15	2	618072	7/8MOR-1/2FNPT ADPTR	38	2	614688	08C1T-08FJX-08FJX-108
16	2	618119	9/16MJIC-90-9/16MOR LBO	39	4	614690	08C1T-08FJX-08FJX-192
17	12	618327	3/4MJIC-7/8MOR ADPTR	*40	2	616042	04C1A-06FJX-06FJX-13
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*41	1	614627	06C1T-06FJX-06FJX-45
19	5	618126	9/16MJIC-9/16MOR ADPTR	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*43	1	614664	10C1T-10FJX-10FJX-91
21	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*44	1	615616	04C1T-06FJX-06FJX-65
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	45	4	611212	04C1T-06FJX-06FJX-164
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL				



200 6R QUAD 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498380

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION	
1	1	610532	ELECT HYD STACK VLV W/ADJ	89	*27	3	618531	9/16FJIC CAP NUT
2	1	610447	HYD FILTER, INLINE 1/4FNPT	90M	28	1	618072	7/8MOR-1/2FNPT ADPTR
3	6	610547	HYD MOTOR 4.5CI 1IN SHFT		29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR		30	3	618469	3/4MJIC-1 1/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV		31	1	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	3	738859	STRAINER 50 MESH NYLON
8	1	607512	RELIEF VALVE, RL50 1800 PSI		34	1	500000	1/2MNPPT HEX PIPE NIPPLE STL
9	3	737810	CYL BODY .25NPT NYLON MALE		35	3	500005	CAP NUT .688FPS NYLON
10	3	620900	NOZL ASSY CC2016 D00 SRG 180		36	2	618107	9/16MJIC-90-1/2MNPPT LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR		37	1	618310	9/16MJIC-7/8MOR ADPTR
12	4	611122	9/16MJIC-90-1/4MNPPT LBO		*38	1	614348	16C2AT-16FJX-16FJX-25
13	12	618327	3/4MJIC-7/8MOR ADPTR		39	4	614690	08C1T-08FJX-08FJX-192
*14	1	618577	1 5/16MJIC UNION		*40	1	616042	04C1A-06FJX-06FJX-13
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO		*41	1	614627	06C1T-06FJX-06FJX-45
16	1	618170	3/4MOR-9/16FOR ADPTR		*42	1	615616	04C1T-06FJX-06FJX-65
17	2	618119	9/16MJIC-90-9/16MOR LBO		*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4		*44	1	614664	10C1T-10FJX-10FJX-91
19	1	618425	9/16MJIC-45-9/16MOR LBO		45	3	616025	08C1T-08FJX-08FJX-50
*20	1	618587	1 5/16FJIC SWIV-1MNPPT		46	1	614077	04C1T-06FJX-06FJX-88
21	1	618600	9/16MJIC-90-7/8MOR LBO		47	2	614688	08C1T-08FJX-08FJX-108
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT		*48	1	601289	HOSE, 1.25 ZBR RED X 144.00
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL		49	2	614101	04C1A-06FJX-06FJX-133
*24	4	611145	3/4MJIC-90-1/2MNPPT LBO		*50	1	618532	3/4FJIC CAP NUT
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO		51	1	618608	9/16FJIC SWIV-1/4MNPPT
*26	1	503700	PIPE PLUG .50NPT SQ HD					



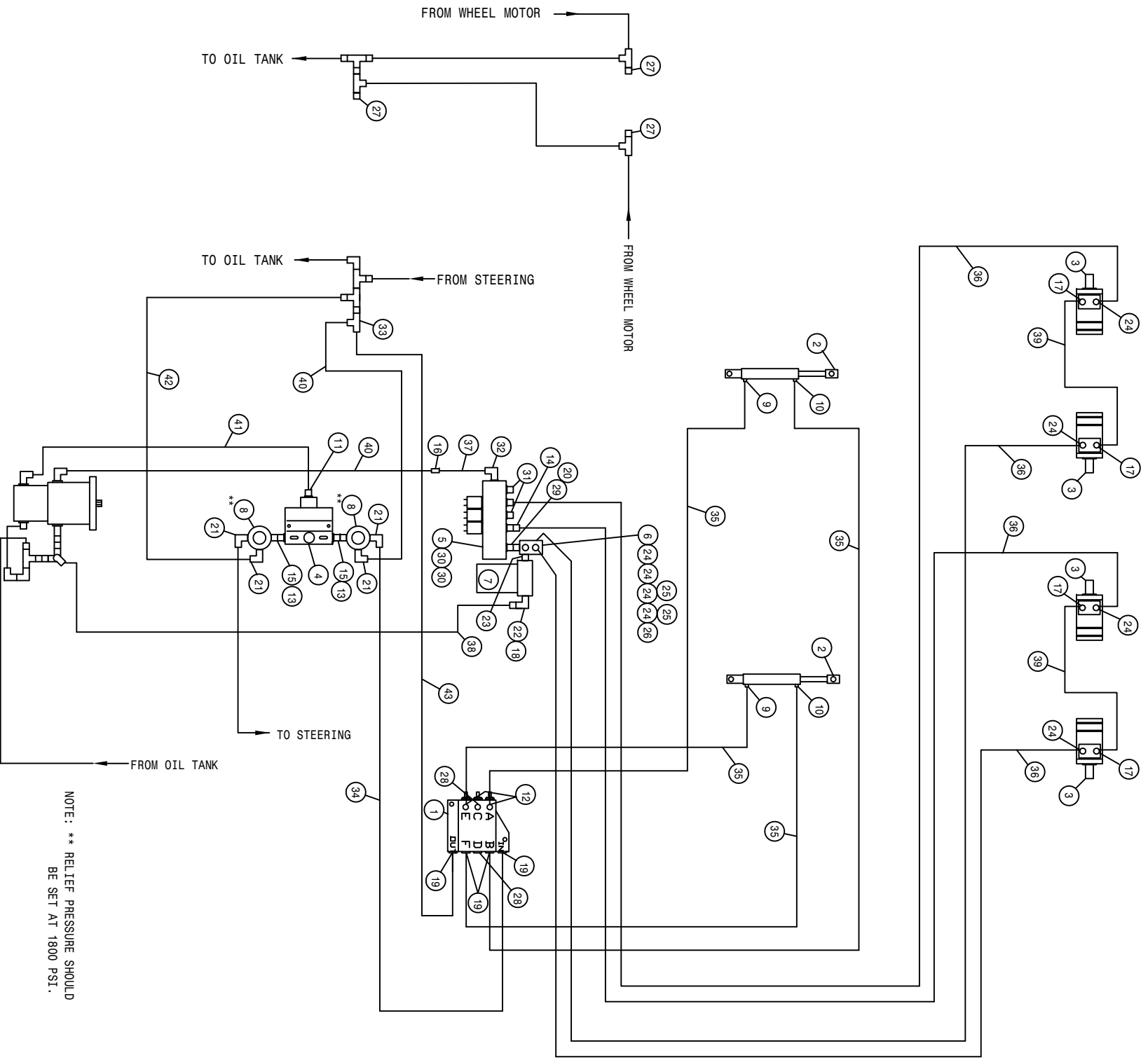
NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

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	*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL
2	8	610547	HYD MOTOR 4.5CI 1IN SHFT	*24	4	611145	3/4MJCIC-90-1/2MNP LBO
3	4	620900	CYL ASSY CC2016 D00 SRG 180	25	2	618590	3/4MJCIC-45-3/4FJIC SWIV LBO
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*26	1	503700	PIPE PLUG .50NPT SQ HD
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*27	3	618531	9/16FJIC CAP NUT
*6	1	614633	HYD MANIF 8200 86	*28	1	618577	1 5/16MJCIC UNION
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	29	1	618186	1 5/16MJCIC-1 5/16MOR ADPTR
8	2	607512	RELIEF VALVE, RL50 1800 PSI	30	4	618469	3/4MJCIC-1 1/16MOR ADPTR
9	4	614649	RESTRICTOR ASSY 1-WAY	31	4	610185	9/16MOR PLUG
10	4	611122	9/16MJCIC-90-1/4MNP LBO	32	1	618178	1 5/16MJCIC-90-1 5/16MOR LBO
11	1	611126	7/8MJCIC-7/8MOR ADPTR	33	4	614101	04C1A-06FJX-06FJX-133
12	4	618107	9/16MJCIC-90-1/2MNP LBO	34	4	611246	04C1A-06FJX-06FJX-174
13	1	618440	9/16MJCIC-90-9/16MOR EX LG LBO	*35	1	614348	16C2AT-16FJX-16FJX-25
14	1	618486	9/16FJIC SW RUN TEE 9/16MJCIC	*36	1	601289	HOSE, 1.25 2BR RED X 144.00
15	2	618072	7/8MOR-1/2FNPT ADPTR	37	4	616025	08C1T-08FJX-08FJX-50
16	3	618119	9/16MJCIC-90-9/16MOR LBO	38	4	614689	08C1T-08FJX-08FJX-120
17	16	618327	3/4MJCIC-7/8MOR ADPTR	39	4	614691	08C1T-08FJX-08FJX-220
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*40	3	616042	04C1A-06FJX-06FJX-13
19	8	618126	9/16MJCIC-9/16MOR ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45
*20	1	618587	1 5/16FJIC SWIV-1MNP	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
21	2	500000	1/2MNP HEX PIPE NIPPLE STL	*43	1	614664	10C1T-10FJX-10FJX-91
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*44	1	615616	04C1T-06FJX-06FJX-65

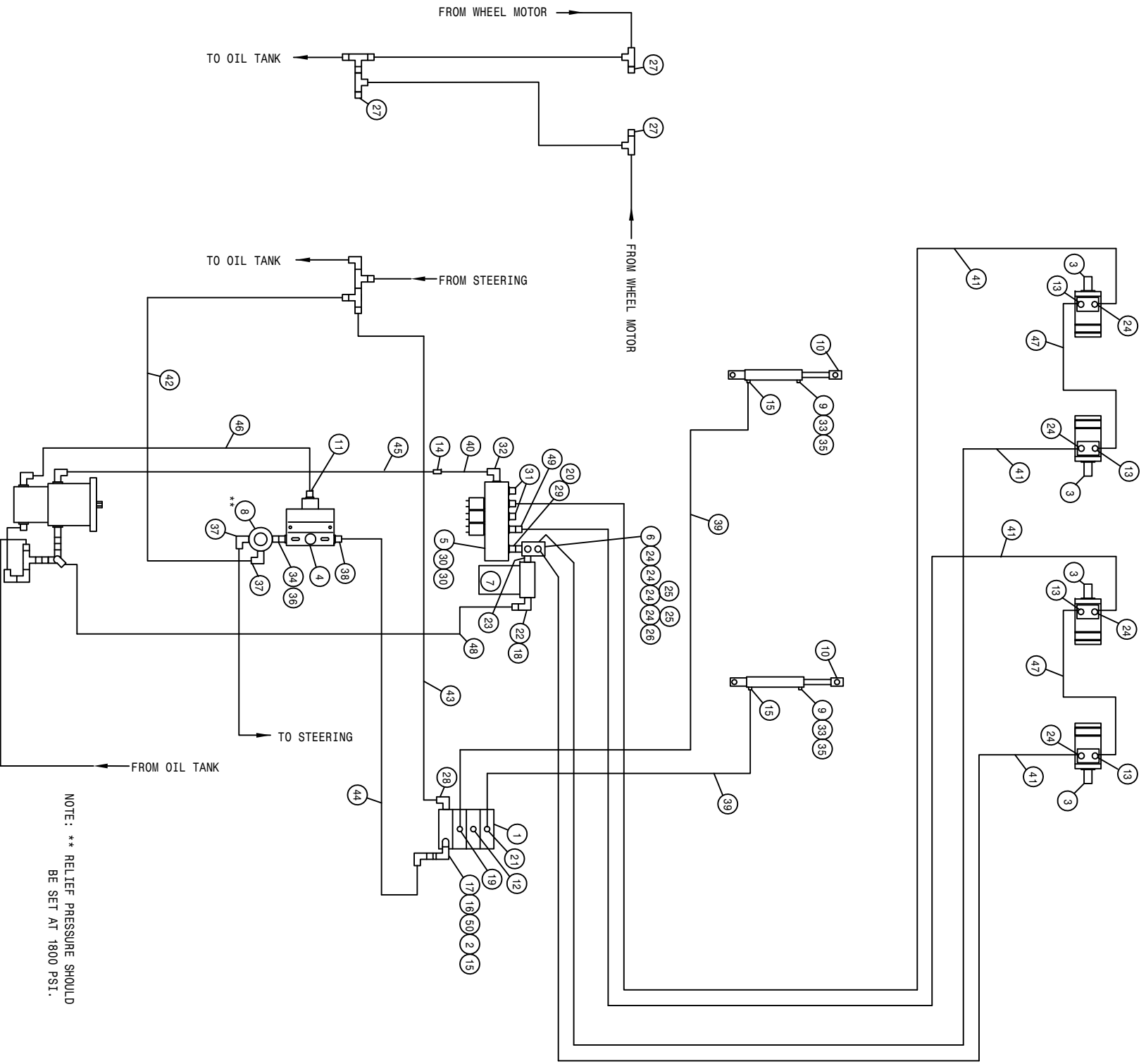
200 8R QUAD 4L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498382

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	89	*26	503700	PIPE PLUG .50NPT SQ HD
2	1	610447	HYD FILTER, INLINE 1/4FNPT	90M	*27	618531	9/16FJIC CAP NUT
3	8	610547	HYD MOTOR 4.5CI 1IN SHFT	28	1	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	4	618469	3/4MJIC-1 1/16MOR ADPTR
* 6	1	614633	HYD MANIF 8200 86	31	1	618126	9/16MJIC-9/16MOR ADPTR
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
8	1	607512	RELIEF VALVE, RL50 1800 PSI	33	4	738859	STRAINER 50 MESH NYLON
9	4	737810	NOZL BODY .25NPT NYLON MALE	34	4	500000	1/2MNP HEX PIPE NIPPLE STL
10	4	620900	CYL ASSY CC2016 D00 SRG 180	35	4	500005	CAP NUT .688FES NYLON
11	1	611126	7/8MJIC-7/8MOR ADPTR	36	2	618107	9/16MJIC-90-1/2MNP LBO
12	5	611122	9/16MJIC-90-1/4MNP LBO	37	1	618310	9/16MJIC-7/8MOR ADPTR
13	16	618327	3/4MJIC-7/8MOR ADPTR	*38	1	614348	16C2AT-16FJX-16FJX-25
*14	1	618577	1 5/16MJIC UNION	39	4	614691	08C1T-08FJX-08FJX-220
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*40	1	616042	04C1A-06FJX-06FJX-13
16	1	618170	3/4MOR-9/16FOR ADPTR	*41	1	614627	06C1T-06FJX-06FJX-45
17	1	618119	9/16MJIC-90-9/16MOR LBO	*42	1	615616	04C1T-06FJX-06FJX-65
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	2	618425	9/16MJIC-45-9/16MOR LBO	*44	1	614664	10C1T-10FJX-10FJX-91
*20	1	618587	1 5/16FJIC SWIV-1MNP	45	4	616025	08C1T-08FJX-08FJX-50
21	1	618600	9/16MJIC-90-7/8MOR LBO	46	2	611246	04C1A-06FJX-06FJX-174
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	47	4	614689	08C1T-08FJX-08FJX-120
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*24	4	611145	3/4MJIC-90-1/2MNP LBO	49	2	614101	04C1A-06FJX-06FJX-133
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	50	1	618608	9/16FJIC SWIV-1/4MNP



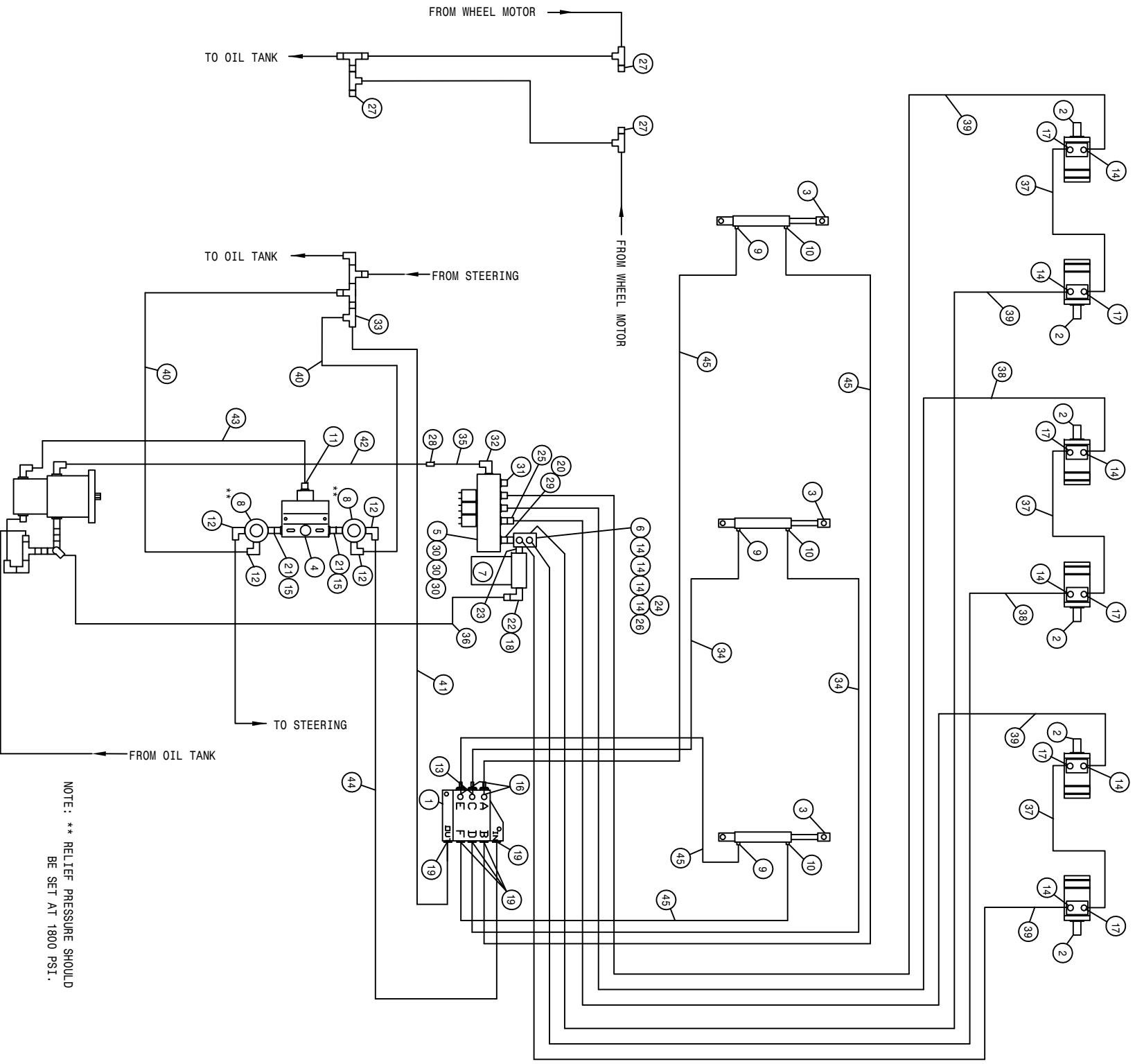
200 4R PULLER 2L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498383

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPPL VALVE W/O RELIEF	*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL
2	2	620900	CYL ASSY CC2016 D00 SRG 180	*24	8	611145	3/4MJIC-90-1/2MNPT LBO
3	4	604005	ORBIT MOTOR A5E	*25	2	618532	3/4FJIC CAP NUT
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*26	1	503700	PIPE PLUG .50NPT SQ HD
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*27	3	618531	9/16FJIC CAP NUT
*6	1	614633	HYD MANIF 8200 86	28	2	610185	9/16MOR PLUG
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
8	2	607512	RELIEF VALVE, RL50 1800 PSI	30	2	618469	3/4MJIC-1 1/16MOR ADPTR
9	2	614649	RESTRICTOR ASSY 1-WAY	31	2	610186	1 1/16MOR PLUG
10	2	611122	9/16MJIC-90-1/4MNPT LBO	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
12	2	618119	9/16MJIC-90-9/16MOR LBO	*34	1	615616	04C1T-06FJX-06FJX-65
13	2	618072	7/8MOR-1/2FNPT ADPTR	35	4	614101	04C1A-06FJX-06FJX-135
14	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	36	4	614689	08C1T-08FJX-08FJX-120
15	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*37	1	614348	16C2AT-16FJX-16FJX-25
*16	1	618577	1 5/16MJIC UNION	*38	1	601289	HOSE, 1.25 2BR RED X 144.00
17	4	611147	3/4MJIC-1/2MNPT ADPTR	39	2	614382	08C1T-08FJX-08FJX-40
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*40	1	614687	HYD TUBE ASSY SUND AUX 200 90
19	4	618126	9/16MJIC-9/16MOR ADPTR	*41	1	614664	10C1T-10FJX-10FJX-91
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*42	2	616042	04C1A-06FJX-06FJX-13
21	4	618107	9/16MJIC-90-1/2MNPT LBO	*43	1	614627	06C1T-06FJX-06FJX-45
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT				H/A



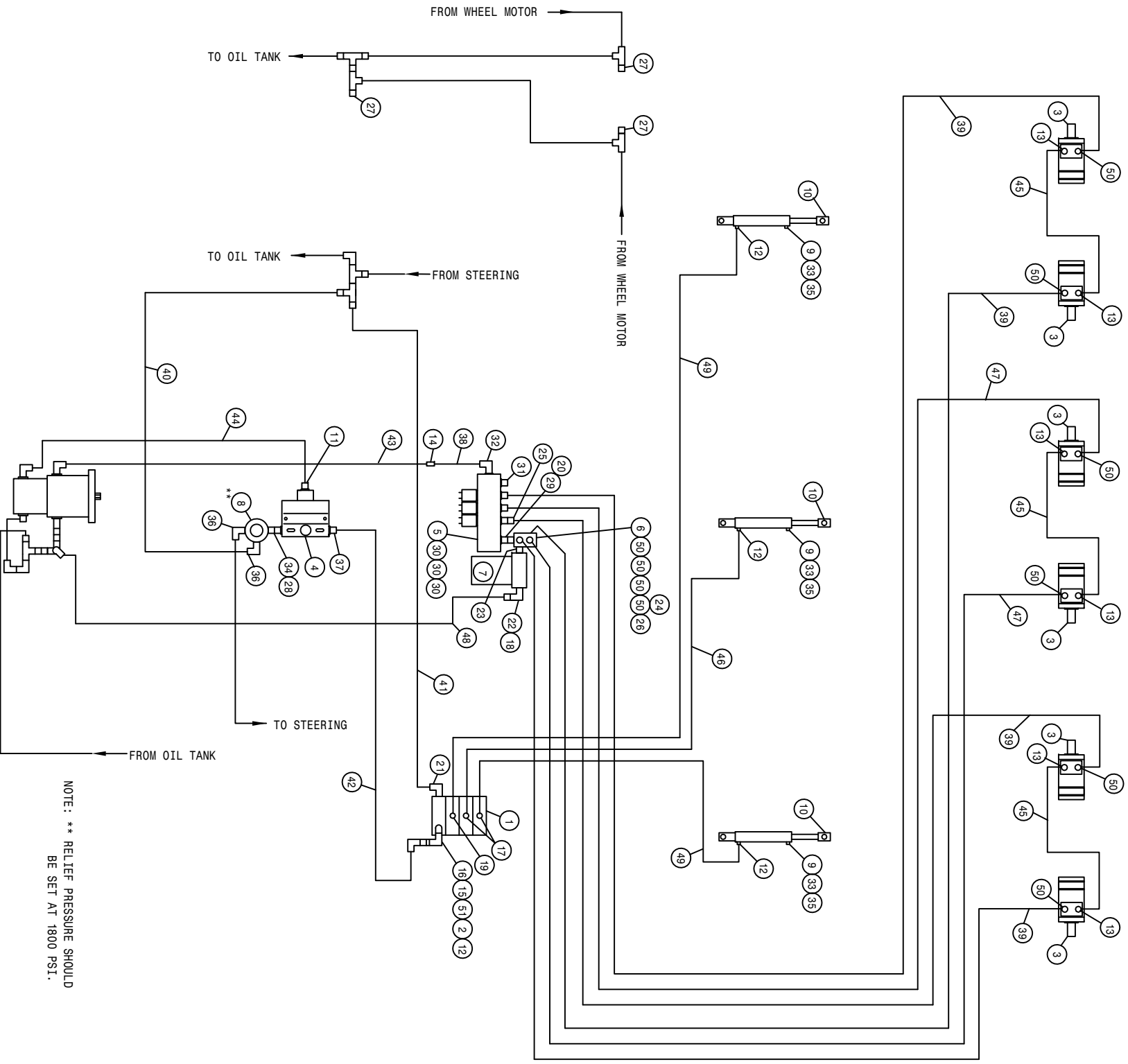
200 4R PULLER 2L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498384

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	*26	1	503700	PIPE PLUG .50NPT SQ HD
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	*27	3	618531	9/16FJIC CAP NUT
3	4	604005	ORBIT MOTOR A5E	28	1	618600	9/16MJIC-90-7/8MOR LBO
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	GRESSEN FILTER 10 MICRON 40GPM	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
8	1	607512	RELIEF VALVE, RL50 1800 PSI	33	2	738859	STRAINER 50 MESH NYLON
9	2	737810	NOZL BODY .25NPT NYLON MALE	34	1	500000	1/2MNPT HEX PIPE NYLON
10	2	620900	CYL ASSY CC2016 D00 SRG 180	35	2	500005	CAP NUT .688FPS NYLON
11	1	611126	7/8MJIC-7/8MOR ADPTR	36	1	618072	7/8MOR-1/2FNPT ADPTR
12	1	610185	9/16MOR PLUG	37	2	618107	9/16MJIC-90-1/2MNPT LBO
13	4	611147	3/4MJIC-1/2MNPT ADPTR	38	1	618310	9/16MJIC-7/8MOR ADPTR
*14	1	618577	1 5/16MJIC UNION	39	2	614101	04C1A-06FJX-06FJX-133
15	3	611122	9/16MJIC-90-1/4MNPT LBO	*40	1	614348	16C2AT-16FJX-16FJX-25
16	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	41	4	614689	08C1T-08FJX-08FJX-120
17	1	618170	3/4MOR-9/16FOR ADPTR	*42	1	616042	04C1A-06FJX-06FJX-13
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*43	1	614627	06C1T-06FJX-06FJX-45
19	1	618425	9/16MJIC-45-9/16MOR LBO	*44	1	615616	04C1T-06FJX-06FJX-65
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*45	1	614687	HYD TUBE ASSY SUND AUX 200 90
21	1	618119	9/16MJIC-90-9/16MOR LBO	*46	1	614664	10C1T-10FJX-10FJX-91
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	47	2	614382	08C1T-08FJX-08FJX-40
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*24	8	611145	3/4MJIC-90-1/2MNPT LBO	49	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
*25	2	618532	3/4FJIC CAP NUT	50	1	618608	9/16FJIC SWIV-1/4MNPT



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

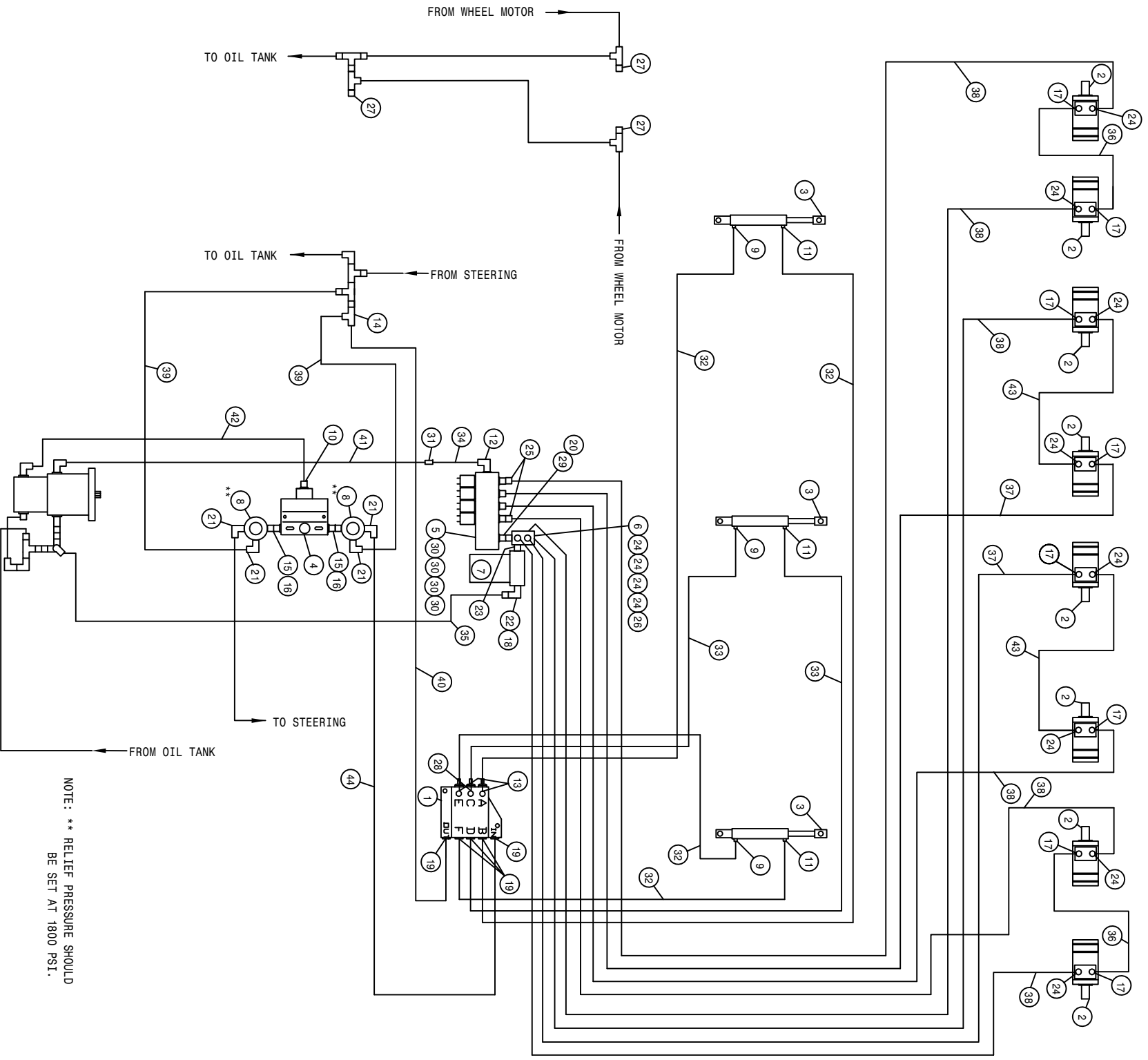
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	*24	1	618532	3/4FJIC CAP NUT
2	6	604005	ORBIT MOTOR ASE	25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO
3	3	620900	CYL ASSY CC2016 D00 SRG 180	*26	1	503700	PIPE PLUG .50NPT SQ HD
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	*27	3	618531	9/16FJIC CAP NUT
5	1	610467	MODULAR MTR CONTROL ELECT VLV	*28	1	618577	1 5/16MJIC UNION
* 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	3	618469	3/4MJIC-1 1/16MOR ADPTR
8	2	607512	RELIEF VALVE, RLS0 1800 PSI	31	1	610186	1 1/16MOR PLUG
9	3	614649	RESTRICTOR ASSY 1-WAY	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
10	3	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	2	611208	04C1A-06FJX-06FJX-98
12	4	618107	9/16MJIC-90-1/2MNPT LBO	*35	1	614348	16C2AT-16FJX-16FJX-25
13	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*36	1	601289	HOSE, 1.25 2BR RED X 144.00
*14	10	611145	3/4MJIC-90-1/2MNPT LBO	37	3	614382	08C1T-08FJX-08FJX-40
15	2	618072	7/8MOR-1/2FNPT ADPTR	38	2	614688	08C1T-08FJX-08FJX-108
16	2	618119	9/16MJIC-90-9/16MOR LBO	39	4	614690	08C1T-08FJX-08FJX-192
17	6	611147	3/4MJIC-1/2MNPT ADPTR	*40	2	616042	04C1A-06FJX-06FJX-13
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*41	1	614627	06C1T-06FJX-06FJX-45
19	5	618126	9/16MJIC-9/16MOR ADPTR	*42	1	614687	HYD TUBE ASSY SUND AUX 200 90
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*43	1	614664	10C1T-10FJX-10FJX-91
21	2	500000	1/2MNPT HEX PIPE NIPPLE STL	*44	1	615616	04C1T-06FJX-06FJX-65
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	45	4	611212	04C1T-06FJX-06FJX-164
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL				H/A



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

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 W/ADJ	89	*27	618531	9/16FJIC CAP NUT
2	1	610447	HYD FILTER, INLINE 1/4FNPT	90M	28	618072	7/8MOR-1/2FNPT ADPTR
3	6	604005	ORBIT MOTOR A5E	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	31	1	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	3	738859	STRAINER 50 MESH NYLON
8	1	607512	RELIEF VALVE, RL50 1800 PSI	34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
9	3	737810	NOZL BODY .25NPT NYLON MALE	35	3	500005	CAP NUT .688FPS NYLON
10	3	620900	CYL ASSY CC2016 D00 SRG 180	36	2	618107	9/16MJIC-90-1/2MNPT LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR	37	1	618310	9/16MJIC-7/8MOR ADPTR
12	4	611122	9/16MJIC-90-1/4MNPT LBO	*38	1	614348	16C2AT-16FJX-16FJX-25
13	6	611147	3/4MJIC-1/2MNPT ADPTR	39	4	614690	08C1T-08FJX-08FJX-192
*14	1	618577	1 5/16MJIC UNION	*40	1	616042	04C1A-06FJX-06FJX-13
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*41	1	614627	06C1T-06FJX-06FJX-45
16	1	618170	3/4MOR-9/16FOR ADPTR	*42	1	615616	04C1T-06FJX-06FJX-65
17	2	618119	9/16MJIC-90-9/16MOR LBO	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*44	1	614664	10C1T-10FJX-10FJX-91
19	1	618425	9/16MJIC-45-9/16MOR LBO	45	3	614382	08C1T-08FJX-08FJX-40
*20	1	618587	1 5/16FJIC SWIV-1MNPT	46	1	614077	04C1T-06FJX-06FJX-88
21	1	618600	9/16MJIC-90-7/8MOR LBO	47	2	614688	08C1T-08FJX-08FJX-108
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	49	2	614101	04C1A-06FJX-06FJX-133
*24	1	618532	3/4FJIC CAP NUT	*50	10	611145	3/4MJIC-90-1/2MNPT LBO
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	51	1	618608	9/16 FJIC SWIV-1/4MNPT
*26	1	503700	PIPE PLUG .50NPT SQ HD				

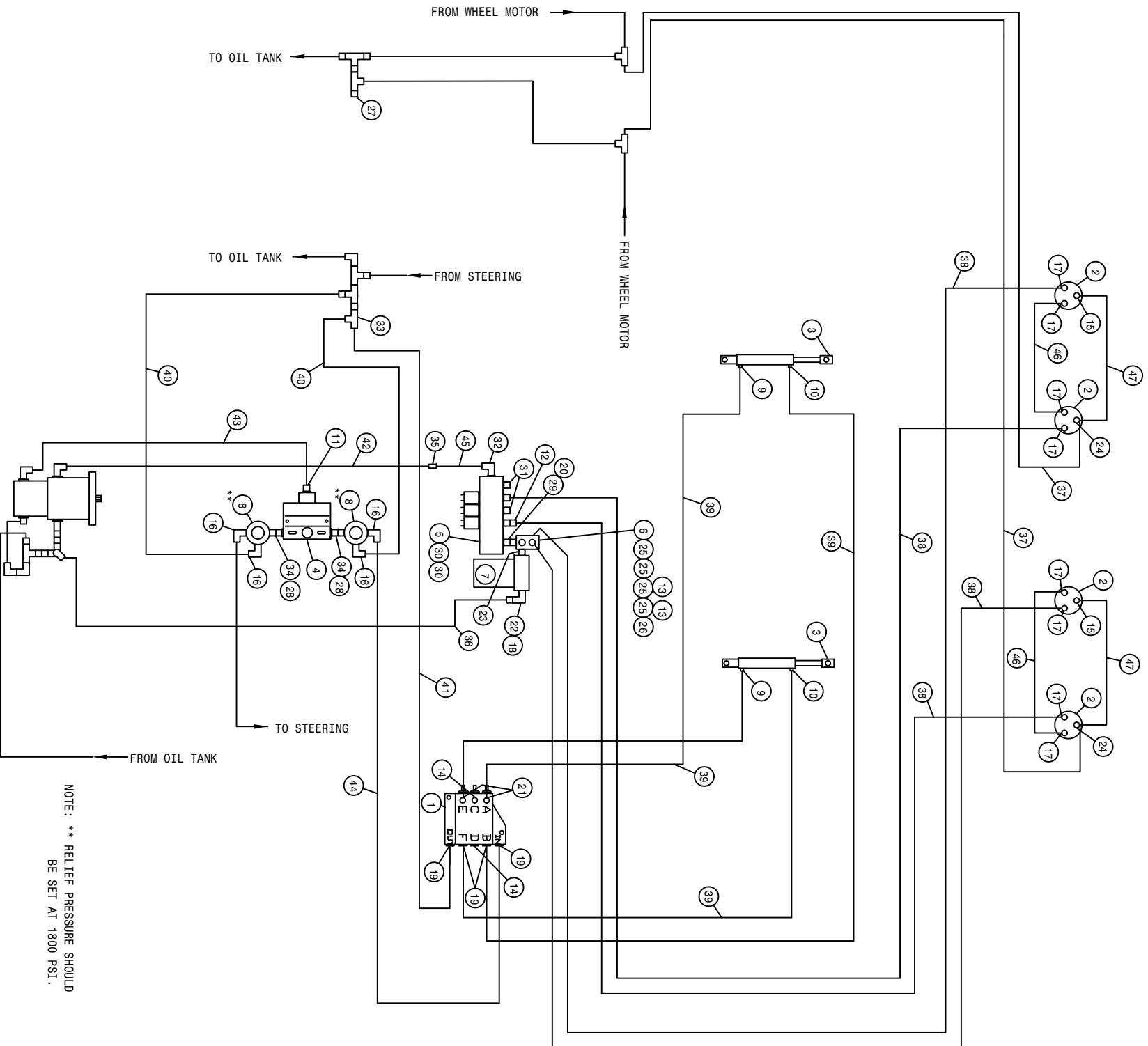


200 8R PULLER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498387

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF ORBIT MOTOR ASE	*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL
2	8	604005	CYL ASSY CC2016 D00 SRG 180	*24	12	611145	3/4MJIC-90-1/2MNPT LBO
3	3	620900	FLO DIV B50 2-8GPM 7/8 FOR	25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO
4	1	607504	MODULAR MTR CONTROL ELECT VLV	*26	1	503700	PIPE PLUG .50NPT SQ HD
5	1	610467	HYD MANIF 8200 86	*27	3	618531	9/16FJIC CAP NUT
* 6	1	614633	GRESEN FILTER 10 MICRON 40GPM	28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
* 7	1	605601	RELIEF VALVE, RL50 1800 PSI	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
8	2	607512	RESTRICTOR ASSY 1-WAY	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
9	3	614649	7/8MJIC-7/8MOR ADPTR	*31	1	618577	1 5/16MJIC UNION
10	1	611126	9/16MJIC-90-1/4MNPT LBO	32	4	611246	04C1A-06FJX-06FJX-174
11	3	611122	1 5/16MJIC-90-1 5/16MOR LBO	33	2	611208	04C1A-06FJX-06FJX-98
12	1	618178	9/16MJIC-90-9/16MOR LBO	*34	1	614348	16C2AT-16FJX-16FJX-25
13	2	618119	9/16FJIC SW RUN TEE-9/16MJIC	*35	1	601289	HOSE, 1.25 2BR RED X 144.00
14	1	618486	1/2MNPT HEX PIPE NIPPLE STL	36	2	614382	08C1T-08FJX-08FJX-40
15	2	500000	7/8MOR-1/2FNPT ADPTR	37	2	614688	08C1T-08FJX-08FJX-108
16	2	618072	3/4MJIC-1/2MNPT ADPTR	38	6	614691	08C1T-08FJX-08FJX-220
17	8	611147	HOSE BARB 1 1/4NPT X 1 1/4	*39	2	616042	04C1A-06FJX-06FJX-45
*18	1	715660	9/16MJIC-9/16MOR ADPTR	*40	1	614627	06C1T-06FJX-06FJX-45
19	5	618126	1 5/16FJIC SWIV-1MNPT	*41	1	614687	HYD TUBE ASSY SUND AUX 200 90
*20	1	618587	9/16MJIC-90-1/2MNPT LBO	*42	1	614664	10C1T-10FJX-10FJX-91
21	4	618107	BLK PIPE ST EL 90DEG 1.25NPT	43	2	614384	08C1T-08FJX-08FJX-237
*22	1	506410		*44	1	615616	04C1T-06FJX-06FJX-65

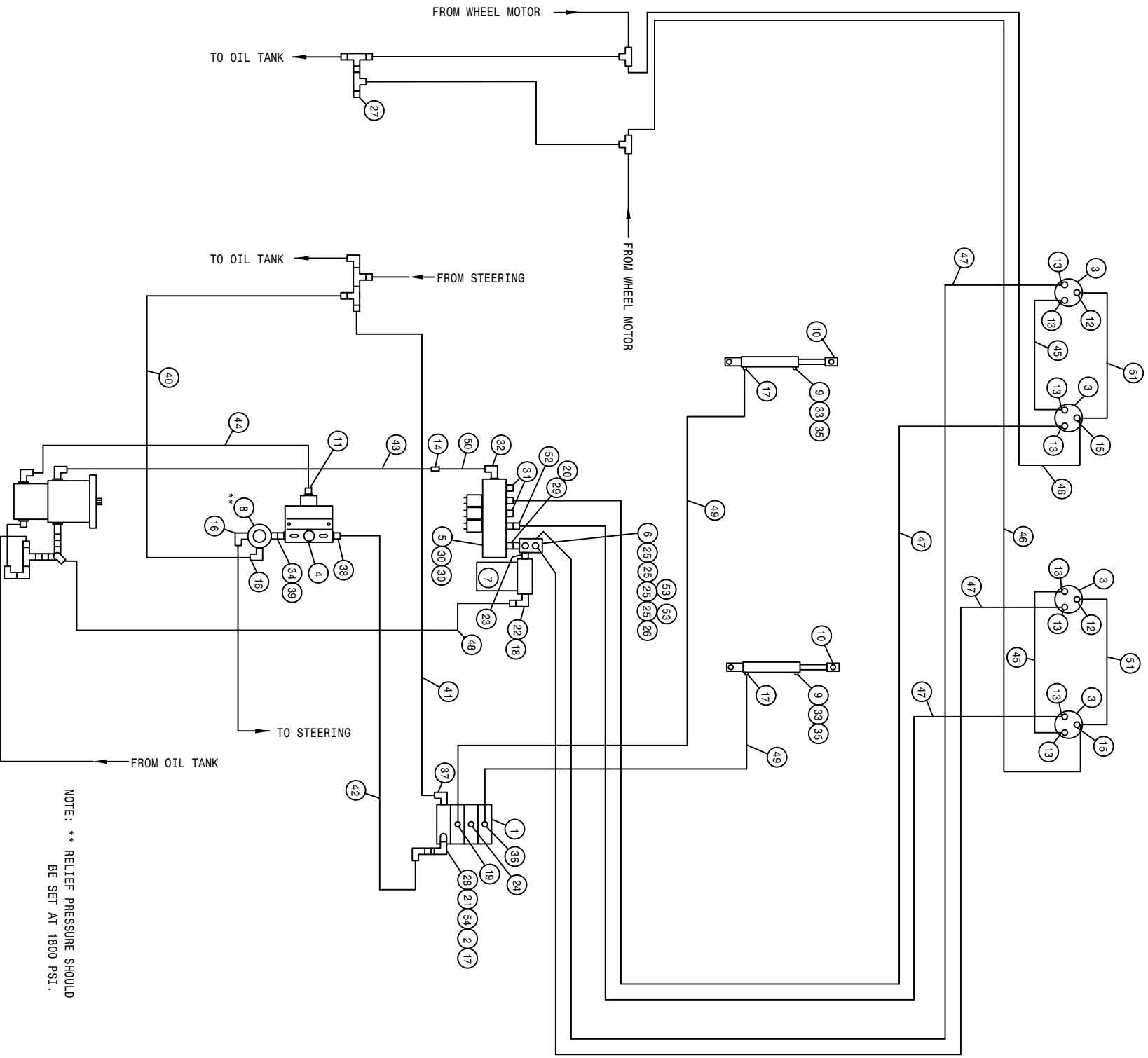
200 8R PULLER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498388

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	*26	1	503700	PIPE PLUG .50NPT SQ HD
2	1	610447	HYD FILTER,INLINE 1/4FNPT 90M	*27	3	618531	9/16FJIC GAP NUT
3	8	604005	ORBIT MOTOR A5E	28	2	618107	9/16MJIC-90-1/2MNPT LBO
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	4	618469	3/4MJIC-1 1/16MOR ADPTR
*6	1	614633	HYD MANIF 8200 86	31	4	611122	9/16MJIC-90-1/4MNPT LBO
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
8	1	607512	RELIEF VALVE, RL50 1800 PSI	33	3	738859	STRAINER 50 MESH NYLON
9	3	737810	NOZL BODY .25NPT NYLON MALE	34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
10	3	620900	CYL ASSY CC2016 D00 SRG 180	35	3	500005	CAP NUT .688FPS NYLON
11	1	611126	7/8MJIC-7/8MOR ADPTR	36	1	618310	9/16MJIC-7/8MOR ADPTR
12	1	618600	9/16MJIC-90-7/8MOR LBO	*37	1	614348	16C2AT-16FJX-16FJX-25
13	8	611147	3/4MJIC-1/2MNPT ADPTR	38	6	614691	08C1T-08FJX-08FJX-220
*14	1	618577	1 5/16MJIC UNION	*39	1	616042	04C1A-06FJX-06FJX-13
15	1	618170	3/4MOR-9/16FOR ADPTR	*40	1	614627	06C1T-06FJX-06FJX-45
16	2	618119	9/16MJIC-90-9/16MOR LBO	*41	1	615616	HYD TUBE ASSY SUND AUX 200 90
17	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*42	1	614687	10C1T-10FJX-10FJX-91
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*43	1	614664	08C1T-08FJX-08FJX-40
19	1	618425	9/16MJIC-45-9/16MOR LBO	44	2	614382	08C1T-08FJX-08FJX-108
*20	1	618587	1 5/16FJIC SWIV-1MNPT	45	2	614688	04C1T-06FJX-06FJX-88
21	1	618072	7/8MOR-1/2FNPT ADPTR	46	1	614077	08C1T-08FJX-08FJX-237
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	47	2	614384	HOSE, 1.25 2BR RED X 144.00
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*48	1	601289	04C1A-06FJX-06FJX-174
*24	12	611145	3/4MJIC-90-1/2MNPT LBO	49	2	611246	9/16FJIC SWIV-1/4MNPT
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	50	1	618608	



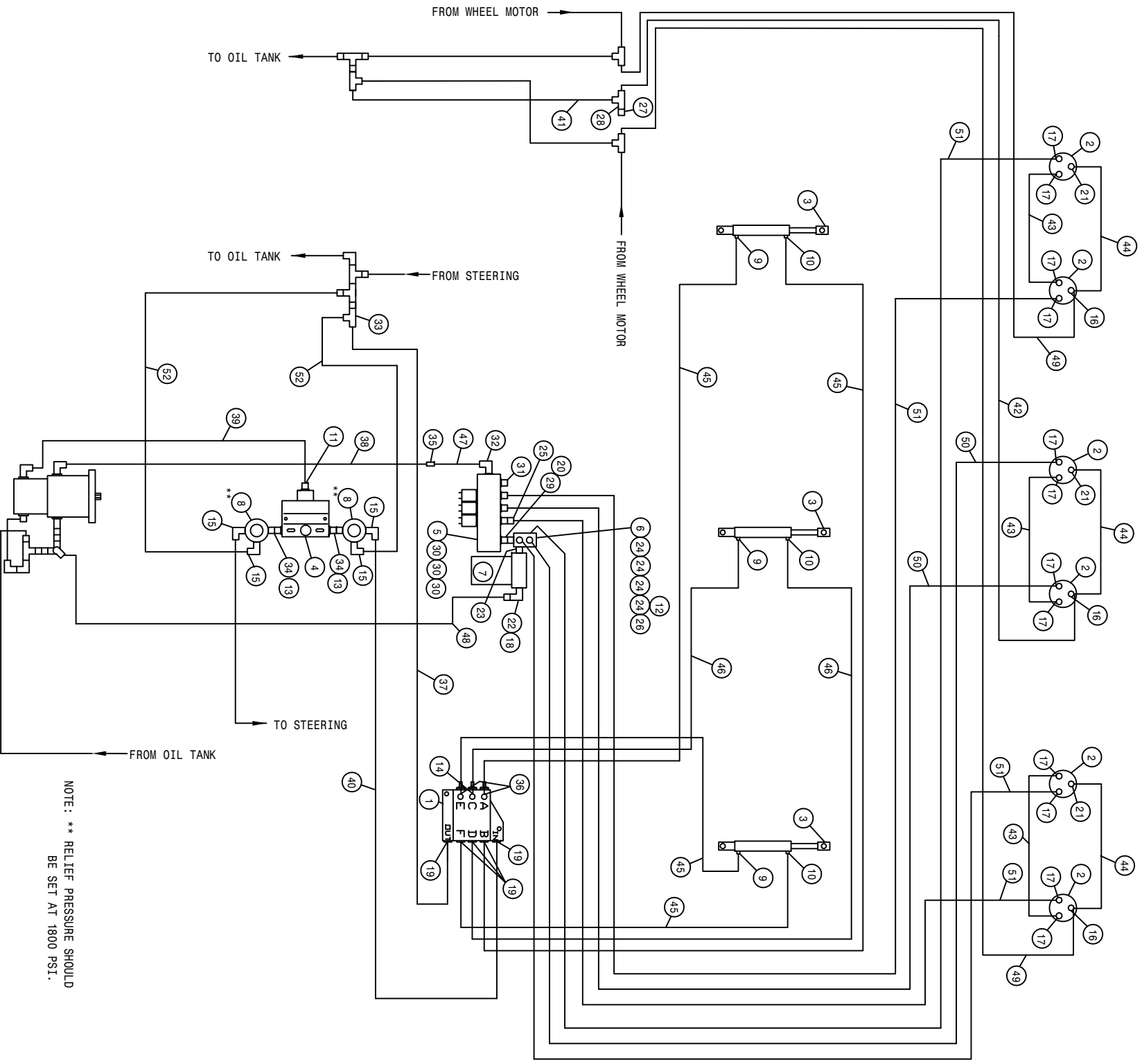
200 4R CUTTER 2L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498389

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	*25	4	611145	3/4MJIC-90-1/2MNPT LBO
2	4	618203	BARNES FLUID MOTOR HYD CUTTER	*26	1	503700	PIPE PLUG .50NPT SQ HD
3	2	620900	CYL ASSY CC2016 D00 SRG 180	*27	1	618531	9/16FJIC CAP NUT
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	28	2	618072	7/8MOR-1/2ENPT ADPTR
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	2	618469	3/4MJIC-1 1/16MOR ADPTR
*7	1	605601	GRESEN FILTER 10 MICRON 40GPM	31	2	610186	1 1/16MOR PLUG
8	2	607512	RELIEF VALVE, RL50 1800 PSI	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
9	2	614649	RESTRICTOR ASSY 1-WAY	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
10	2	611122	9/16MJIC-90-1/4MNPT LBO	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
11	1	611126	7/8MJIC-7/8MOR ADPTR	*35	1	618577	1 5/16MJIC UNION
12	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*36	1	601289	HOSE, 1.25 2BR RED X 144.00
*13	2	618532	3/4FJIC CAP NUT	37	2	614639	04C1A-06FJX-06FJX-126
14	2	610185	9/16MOR PLUG	38	4	614689	08C1T-08FJX-08FJX-120
15	2	618530	9/16MJIC-1/8MNPT ADPTR	39	4	614101	04C1A-06FJX-06FJX-133
16	4	618107	9/16MJIC-90-1/2MNPT LBO	*40	2	616042	04C1A-06FJX-06FJX-13
17	8	611125	3/4MJIC-3/4MOR 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 200 90
19	4	618126	9/16MJIC-9/16MOR ADPTR	*43	1	614664	10C1T-10FJX-10FJX-91
*20	1	618587	1 5/16FJIC SWIV-1MNPT	*44	1	615616	04C1T-06FJX-06FJX-65
21	2	618119	9/16MJIC-90-9/16MOR LBO	*45	1	614348	16C2AT-16FJX-16FJX-25
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	46	2	614368	08C1T-08FJX-08FJX-60
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	47	2	611206	04C1T-6FJX-6FJX-66
24	2	618546	1/8MNPT RUN TEE-9/16MJIC				H/A



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 W/ADJ	28	1	618170	3/4MOR-9/16FOR ADPTR
2	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	4	618203	BARNES FLUID MOTOR HYD CUTTER	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	738859	STRAINER 50 MESH NYLON
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
8	1	607512	RELIEF VALVE, RL50 1800 PSI	35	2	500005	CAP NUT .688EFS NYLON
9	2	737810	NOZL BODY .25NPT NYLON MALE	36	1	618119	9/16MJIC-90-9/16MOR LBO
10	2	620900	CYL ASSY CC2016 D00 SRG 180	37	1	618600	9/16MJIC-90-7/8MOR LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR	38	1	618310	9/16MJIC-7/8MOR ADPTR
12	2	618530	9/16MJIC-1/8MNPT ADPTR	39	1	618072	7/8MOR-1/2FNPT ADPTR
13	8	611125	3/4MJIC-3/4MOR ADPTR	*40	1	616042	04C1A-06FCX-06FCX-13
*14	1	618577	1 5/16MJIC UNION	*41	1	614627	06C1T-06FCX-06FCX-45
15	2	618546	1/8MNPT RUN TEE-9/16MJIC	*42	1	615616	04C1T-06FCX-06FCX-65
16	2	618107	9/16MJIC-90-1/2MNPT LBO	*43	1	614687	HYD TUBE ASSY SUND AUX 200 90
17	3	611122	9/16MJIC-90-1/4MNPT LBO	*44	1	614664	10C1T-10FCX-10FCX-91
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	45	2	614368	08C1T-08FCX-08FCX-60
19	1	618425	9/16MJIC-45-9/16MOR LBO	46	2	614639	04C1A-06FCX-06FCX-126
*20	1	618587	1 5/16FCJIC SWIV-1MNPT	47	4	614689	08C1T-08FCX-08FCX-120
21	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	2	614101	04C1A-06FCX-06FCX-133
23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*50	1	614348	16C2AT-16FCX-16FCX-25
*24	1	610185	9/16MOR PLUG	51	2	611206	04C1T-6FCX-6FCX-66
*25	4	611145	3/4MJIC-90-1/2MNPT LBO	52	1	618590	3/4MJIC-45-3/4FCJIC SWIV LBO
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	2	618532	3/4FCJIC CAP NUT
*27	1	618531	9/16FCJIC CAP NUT	54	1	618608	9/16FCJIC SWIV-1/4MNPT

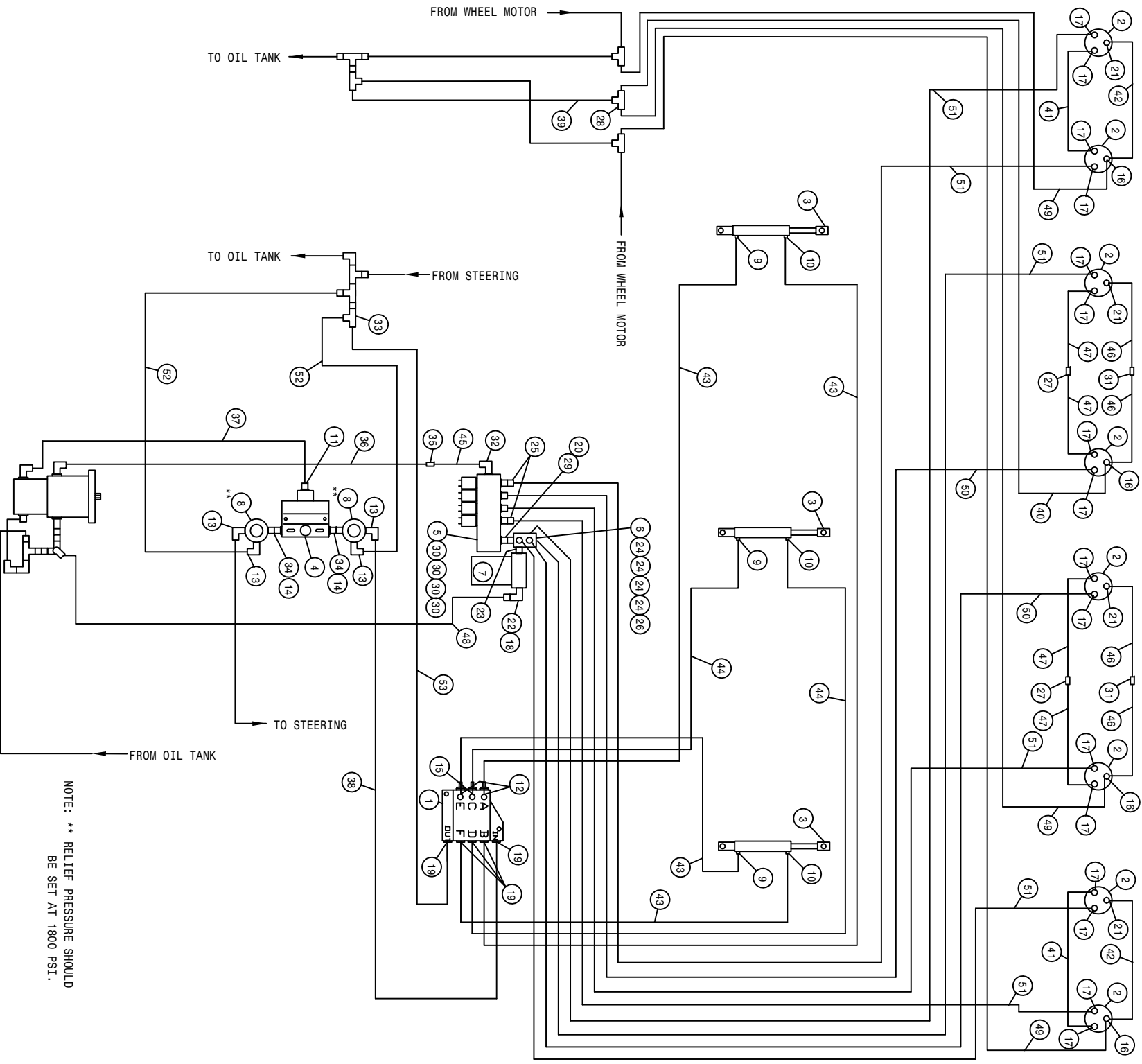


200 6R CUTTER 3L W/O T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498391

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 3SPL VALVE W/O RELIEF	*27	1	618531	9/16FJIC CAP NUT
2	6	618203	BARNES FLUID MOTOR HYD CUTTER	28	1	610193	9/16MJIC BLKHD BRANCH TEE
3	3	620900	CYL ASSY CC2016 D00 SRG 180	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
5	1	610467	MODULAR MTR CONTROL ELECT VLV	31	1	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 1800 PSI	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
9	3	614649	RESTRICTOR ASSY 1-WAY	*35	1	618577	1 5/16MJIC UNION
10	3	611122	9/16MJIC-90-1/4MNPT LBO	36	2	618119	9/16MJIC-90-9/16MOR LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR	*37	1	614627	06C1T-06FJX-06FJX-45
*12	1	618532	3/4FJIC CAP NUT	*38	1	614687	HYD TUBE ASSY SUND AUX 200 90
13	2	618072	7/8MOR-1/2FNPT ADPTR	*39	1	614664	10C1T-10FJX-10FJX-91
14	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*40	1	615616	04C1T-06FJX-06FJX-65
15	4	618107	9/16MJIC-90-1/2MNPT LBO	41	1	616026	04C1A-06FJX-06FJX-57
16	3	618546	1/8MNPT RUN TEE-9/16MJIC	42	1	614152	04C1A-06FJX-06FJX-114
17	12	611125	3/4MJIC-3/4MOR ADPTR	43	3	614368	08C1T-08FJX-08FJX-60
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	44	3	611206	04C1T-6FJX-6FJX-66
19	5	618126	9/16MJIC-9/16MOR ADPTR	45	4	611212	04C1T-06FJX-06FJX-164
*20	1	618587	1 5/16FJIC SWIV-1MNPT	46	2	611208	04C1A-06FJX-06FJX-98
21	3	618530	9/16MJIC-1/8MNPT ADPTR	*47	1	614348	16C2AT-16FJX-16FJX-25
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	49	2	611210	04C1A-06FJX-06FJX-156
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	50	2	614688	08C1T-08FJX-08FJX-108
25	1	618590	3/4MJIC-45-3/4FJIC SWIV LBO	51	4	614690	08C1T-08FJX-08FJX-192
*26	1	503700	PIPE PLUG .50NPT SQ HD	*52	2	616042	04C1A-06FJX-06FJX-13

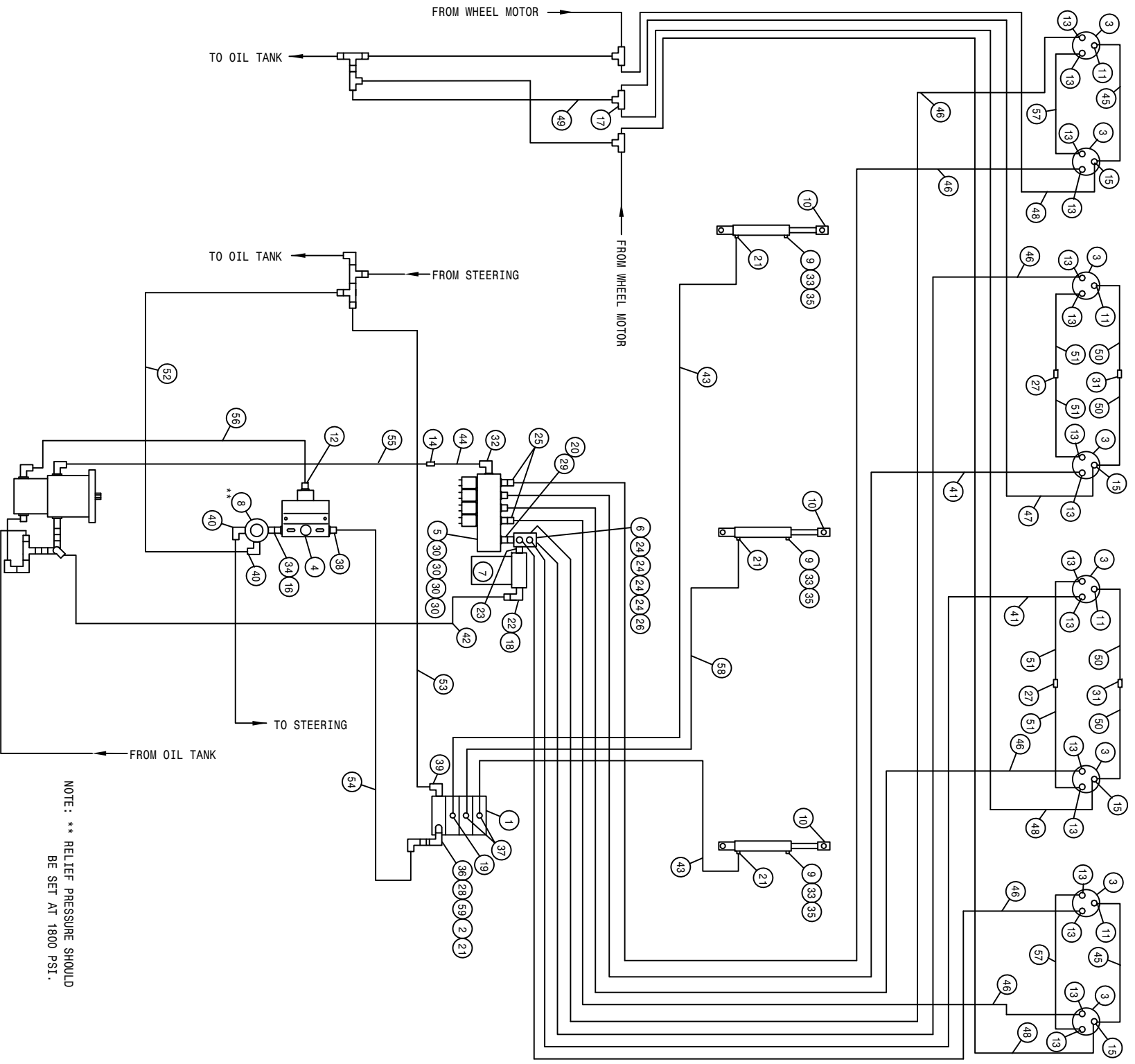
200 6R CUTTER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498392

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	30	3	618469	3/4MJIC-1 1/16MOR ADPTR
2	1	610447	HYD FILTER INLINE 1/4FNPT 90M	31	1	610186	1 1/16MOR PLUG
3	6	618203	BARNES FLUID MOTOR HYD CUTTER	32	1	618178	1 5/16MJIC-90-1 5/16MOR LBO
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	33	3	738859	STRAINER 50 MESH NYLON
5	1	610467	MODULAR MTR CONTROL ELECT VLV	34	1	500000	1/2MNPT HEX PIPE NIPPLE STL
* 6	1	614633	HYD MANIF 8200 86	35	3	500005	CAP NUT .688FPS NYLON
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	36	1	618170	3/4MOR-9/16FOR ADPTR
8	1	607512	RELIEF VALVE, RL50 1800 PSI	37	2	618119	9/16MJIC-90-9/16MOR LBO
9	3	737810	NOZL BODY .25NPT NYLON MALE	38	1	618310	9/16MJIC-7/8MOR ADPTR
10	3	620900	CYL ASSY CC2016 D00 SRG 180	39	1	618600	9/16MJIC-90-7/8MOR LBO
11	1	611126	7/8MJIC-7/8MOR ADPTR	40	2	618107	9/16MJIC-90-1/2MNPT LBO
12	1	610193	9/16MJIC BLKHD BRANCH TEE	41	3	614368	08CIT-08F3X-08F3X-60
13	12	611125	3/4MJIC-3/4MOR ADPTR	42	1	614077	04C1T-06F3X-06F3X-88
*14	1	618577	1 5/16MJIC UNION	43	2	614688	08CIT-08F3X-08F3X-108
15	3	618530	9/16MJIC-1/8MNPT ADPTR	*44	1	601289	HOSE, 1.25 ZBR RED X 144.00
16	3	618546	1/8MNPT RUN TEE-9/16MJIC	45	2	614101	04C1A-06F3X-06F3X-133
17	1	618072	7/8MOR-1/2FNPT ADPTR	*46	1	614348	16C2AT-16F3X-16F3X-25
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	47	3	611206	04C1T-6F3X-6F3X-66
19	1	618425	9/16MJIC-45-9/16MOR LBO	48	4	614690	08C1T-08F3X-08F3X-192
*20	1	618587	1 5/16FJIC SWIV-1MNPT	49	1	614152	04C1A-06F3X-06F3X-114
21	4	611122	9/16MJIC-90-1/4MNPT LBO	50	2	611210	04C1A-06F3X-06F3X-156
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	51	1	616026	04C1A-06F3X-06F3X-37
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*52	1	616042	04C1A-06F3X-06F3X-13
*24	4	611145	3/4MJIC-90-1/2MNPT 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	1	614687	HYD TUBE ASSY SUND AUX 200 90
*27	1	618531	9/16FJIC CAP NUT	*56	1	614664	10C1T-10F3X-10F3X-91
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	*57	1	618532	3/4FJIC CAP NUT
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	58	1	618608	9/16FJIC SWIV-1/4MNPT



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

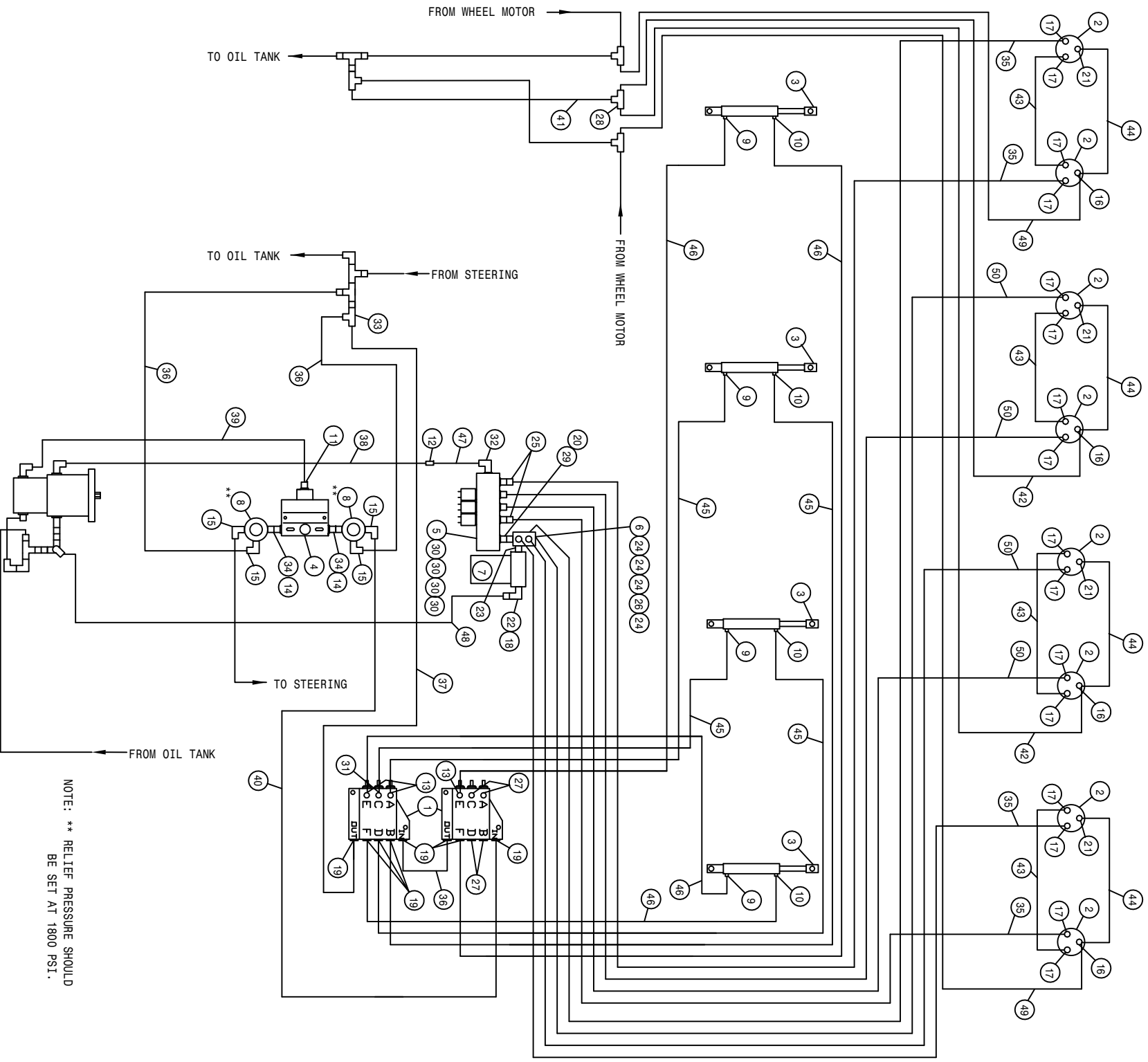
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606585	CESSNA 35PL VALVE W/O RELIEF	28	1	610193	9/16MJIC BLKHD BRANCH TEE
2	8	618203	BARNES FLUID MOTOR HYD CUTTER	29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR
3	3	620900	CYL ASSY CC2016 D00 SRG 180	30	4	618469	3/4MJIC-1 1/16MOR ADPTR
4	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	31	2	619010	9/16MJIC UNION
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 1800 PSI	*35	1	618577	1 5/16MJIC UNION
9	3	614649	RESTRICTOR ASSY 1-WAY	*36	1	614687	HYD TUBE ASSY SUND AUX 200 90
10	3	611122	9/16MJIC-90-1/4MNPT LBO	*37	1	614664	10C1T-10FJX-10FJX-91
11	1	611126	7/8MJIC-7/8MOR ADPTR	*38	1	615616	04C1T-06FJX-06FJX-65
12	2	618119	9/16MJIC-90-9/16MOR LBO	39	1	616026	04C1A-06FJX-06FJX-57
13	4	618107	9/16MJIC-90-1/2MNPT LBO	40	1	614152	04C1A-06FJX-06FJX-114
14	2	618072	7/8MOR-1/2FNPT ADPTR	41	2	614368	08C1T-08FJX-08FJX-60
15	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	42	2	611206	04C1T-6FJX-6FJX-66
16	4	618546	1/8MNPT RUN TEE-9/16MJIC	43	4	611246	04C1A-06FJX-06FJX-174
17	16	611125	3/4MJIC-3/4MOR ADPTR	44	2	611208	04C1A-06FJX-06FJX-98
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	*45	1	614348	16C2AT-16FJX-16FJX-25
19	5	618126	9/16MJIC-9/16MOR ADPTR	46	4	614101	04C1A-06FJX-06FJX-133
*20	1	618587	1 5/16FJIC SWIV-1MNPT	47	4	614425	08C1T-08FJX-08FJX-132
21	4	618530	9/16MJIC-1/8MNPT ADPTR	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	49	3	614154	04C1T-06FJX-06FJX-221
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	50	2	614688	08C1T-08FJX-08FJX-108
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	51	6	614691	08C1T-08FJX-08FJX-220
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*52	2	616042	04C1A-06FJX-06FJX-13
*26	1	503700	PIPE PLUG .50NPT SQ HD	*53	1	614627	06C1T-06FJX-06FJX-45
27	2	618314	3/4MJIC UNION				H/A



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

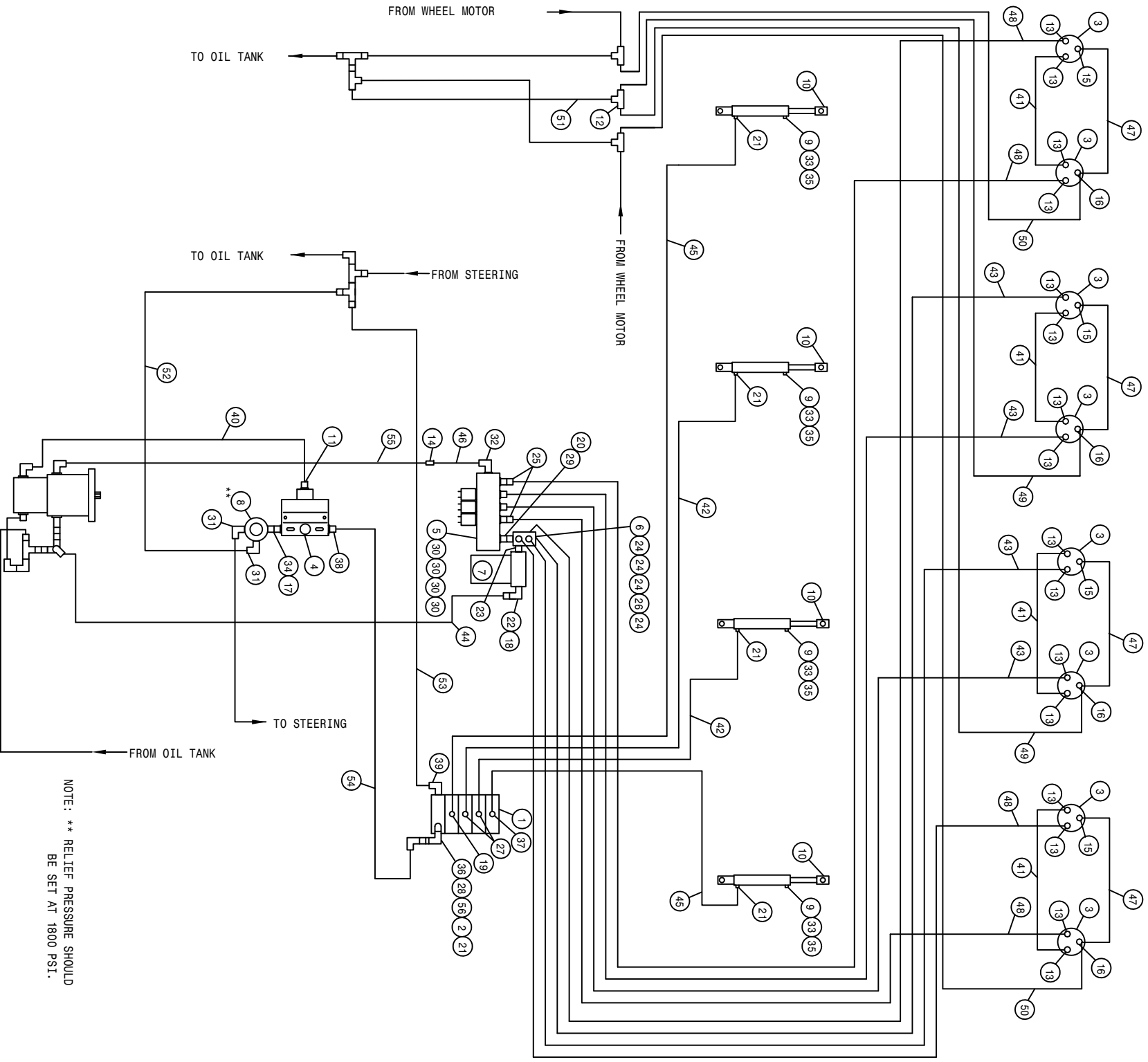
200 8R CUTTER 3L W/T-TROL HYD SCHEM 91
REFERENCE DRAWING NO. 498394

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	610532	ELECT HYD STACK VLV W/ADJ	89	31	619010	9/16MJIC UNION
2	1	610447	HYD FILTER, INLINE 1/4FNPT	90M	32	618178	1 5/16MJIC-90-1 5/16MOR LBO
3	8	618203	BARNES FLUID MOTOR HYD CUTTER	33	3	738859	STRAINER 50 MESH NYLON
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	3	500005	CAP NUT .688FPS NYLON
* 6	1	614633	HYD MANIF 8200 86	36	1	618170	3/4MOR-9/16FOR ADPTR
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	37	2	618119	9/16MJIC-90-9/16MOR LBO
8	1	607512	RELIEF VALVE, RL50 1800 PSI	38	1	618310	9/16MJIC-7/8MOR ADPTR
9	3	737810	NOZL BODY .25NPT NYLON MALE	39	1	618600	9/16MJIC-90-7/8MOR LBO
10	3	620900	CYL ASSY CC2016 D00 SRG 180	40	2	618107	9/16MJIC-90-1/2MNPT LBO
11	4	618530	9/16MJIC-1/8MNPT ADPTR	41	2	614688	08C1T-08FJX-08FJX-108
12	1	611126	7/8MJIC-7/8MOR ADPTR	*42	1	601289	HOSE, 1.25 2BR RED X 144.00
13	16	611125	3/4MJIC-3/4MOR ADPTR	43	2	611246	04C1A-06FJX-06FJX-174
*14	1	618577	1 5/16MJIC UNION	*44	1	614348	16C2AT-16FJX-16FJX-25
15	4	618546	1/8MNPT RUN TEE-9/16MJIC	45	2	611206	04C1T-6FJX-6FJX-66
16	1	618072	7/8MOR-1/2FNPT ADPTR	46	6	614691	08C1T-08FJX-08FJX-220
17	1	610193	9/16MJIC BLKHD BRANCH TEE	47	1	614152	04C1A-06FJX-06FJX-114
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	48	3	614154	04C1T-06FJX-06FJX-221
19	1	618425	9/16MJIC-45-9/16MOR LBO	49	1	616026	04C1A-06FJX-06FJX-37
*20	1	618587	1 5/16FJIC SWIV-1MNPT	50	4	614101	04C1A-06FJX-06FJX-133
21	4	611122	9/16MJIC-90-1/4MNPT LBO	51	4	614425	08C1T-08FJX-08FJX-132
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*52	1	616042	04C1A-06FJX-06FJX-13
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	*53	1	614627	06C1T-06FJX-06FJX-45
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	*54	1	615616	04C1T-06FJX-06FJX-65
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*55	1	614687	HYD TUBE ASSY SUND 200 90
*26	1	503700	PIPE PLUG .50NPT SQ HD	*56	1	614664	10C1T-10FJX-10FJX-91
27	2	618314	3/4MJIC UNION	57	2	614368	08C1T-08FJX-08FJX-60
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	58	1	614077	04C1T-06FJX-06FJX-88
29	1	618186	1 5/16MJIC-1 5/16MOR ADPTR	59	1	618608	9/16FJIC SWIV-1/4MNPT
30	4	618469	3/4MJIC-1 1/16MOR ADPTR				



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 35PL VALVE W/O RELIEF	*26	1	503700	PIPE PLUG .50NPT SQ HD
2	8	618203	BARNES FLUID MOTOR HYD CUTTER	27	4	610185	9/16MOR PLUG
3	4	620900	CYL ASSY CC2016 D00 SRG 180	28	1	610193	9/16MJIC BLKHD BRANCH TEE
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	4	618469	3/4MJIC-1 1/16MOR ADPTR
*6	1	614633	HYD MANIF 8200 86	31	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
*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 1800 PSI	33	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
9	4	614649	RESTRICTOR ASSY 1-WAY	34	2	500000	1/2MNPT HEX PIPE NIPPLE STL
10	4	611122	9/16MJIC-90-1/4MNPT LBO	35	4	614691	08C1T-08FJX-08FJX-220
11	1	611126	7/8MJIC-7/8MOR ADPTR	*36	3	616042	04C1A-06FJX-06FJX-13
*12	1	618577	1 5/16MJIC UNION	*37	1	614627	06C1T-06FJX-06FJX-45
13	3	618119	9/16MJIC-90-9/16MOR LBO	*38	1	614687	HYD TUBE ASSY SUND AUX 200 90
14	2	618072	7/8MOR-1/2FNPT ADPTR	*39	1	614664	10C1T-10FJX-10FJX-91
15	4	618107	9/16MJIC-90-1/2MNPT LBO	*40	1	615616	04C1T-06FJX-06FJX-65
16	4	618546	1/8MNPT RUN TEE-9/16MJIC	41	1	616026	04C1A-06FJX-06FJX-37
17	16	611125	3/4MJIC-3/4MOR ADPTR	42	2	611212	04C1T-06FJX-06FJX-164
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	43	4	614368	08C1T-08FJX-08FJX-60
19	8	618126	9/16MJIC-9/16MOR ADPTR	44	4	611206	04C1T-6FJX-6FJX-66
*20	1	618587	1 5/16FJIC SWIV-1MNPT	45	4	614101	04C1A-06FJX-06FJX-133
21	4	618530	9/16MJIC-1/8MNPT ADPTR	46	4	611246	04C1A-06FJX-06FJX-174
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	*47	1	614348	16C2AT-16FJX-16FJX-25
*23	1	618144	1 1/4-IMP HEX PIPE NIPPLE STL	*48	1	601289	HOSE, 1.25 2BR RED X 144.00
*24	4	611145	3/4MJIC-90-1/2MNPT LBO	49	2	614154	04C1T-06FJX-06FJX-221
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	50	4	614689	08C1T-08FJX-08FJX-120



NOTE: ** RELIEF PRESSURE SHOULD BE SET AT 1800 PSI.

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	610532	ELECT HYD STACK VLV W/ADJ	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	8	618203	BARNES FLUID MOTOR HYD CUTTER	31	2	618107	9/16MJIC-90-1/2MNP LBO
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	738859	STRAINER 50 MESH NYLON
* 6	1	614633	HYD MANIF 8200 86	34	1	500000	1/2MNP HEX PIPE NIPPLE STL
* 7	1	605601	GRESEN FILTER 10 MICRON 40GPM	35	4	500005	CAP NUT .688FPS NYLON
8	1	607512	RELIEF VALVE, RL50 1800 PSI	36	1	618170	3/4MOR-9/16FOR ADPTR
9	4	737810	NOZL BODY .25NPT NYLON MALE	37	1	618119	9/16MJIC-90-9/16MOR LBO
10	4	620900	CYL ASSY CC2016 D00 SRG 180	38	1	618310	9/16MJIC-7/8MOR ADPTR
11	1	611126	7/8MJIC-7/8MOR ADPTR	39	1	618600	9/16MJIC-90-7/8MOR LBO
12	1	610193	9/16MJIC BLKHD BRANCH TEE	*40	1	614664	10CJT-10FJX-10FJX-91
13	16	611125	3/4MJIC-3/4MOR ADPTR	41	4	614368	08CJT-08FJX-08FJX-60
*14	1	618577	1 5/16MJIC UNION	42	2	614101	04C1A-06FJX-06FJX-133
15	4	618530	9/16MJIC-1/8MNP ADPTR	43	4	614689	08CJT-08FJX-08FJX-120
16	4	618546	1/8MNP RUN TEE-9/16MJIC	*44	1	601289	HOSE, 1.25 2BR RED X 144.00
17	1	618072	7/8MOR-1/2FNPT ADPTR	45	1	611246	04C1A-06FJX-06FJX-174
*18	1	715660	HOSE BARB 1 1/4NPT X 1 1/4	46	1	614348	16C2AT-16FJX-16FJX-25
19	1	618126	9/16MJIC-9/16MOR ADPTR	47	4	611206	04CJT-6FJX-6FJX-66
*20	1	618587	1 5/16FJIC SWIV-1MNP	48	4	614691	08CJT-08FJX-08FJX-220
21	5	611122	9/16MJIC-90-1/4MNP LBO	49	2	611212	04CJT-06FJX-06FJX-164
*22	1	506410	BLK PIPE ST EL 90DEG 1.25NPT	50	2	614154	04CJT-06FJX-06FJX-221
*23	1	618144	1 1/4-1MP HEX PIPE NIPPLE STL	51	1	616026	04C1A-06FJX-06FJX-37
*24	4	611145	3/4MJIC-90-1/2MNP LBO	*52	1	616042	04C1A-06FJX-06FJX-13
25	2	618590	3/4MJIC-45-3/4FJIC SWIV LBO	*53	1	614627	06CJT-06FJX-06FJX-45
*26	1	503700	PIPE PLUG .50NPT SQ HD	*54	1	615616	04CJT-06FJX-06FJX-65
27	2	618425	9/16MJIC-45-9/16MOR LBO	*55	1	614687	HYD TUBE ASSY SUND AUX 200 90
28	1	618440	9/16MJIC-90-9/16MOR EX LG LBO	56	1	618608	9/16FJIC SWIV-1/4MNP

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

-A-

ABBREVIATIONS.....120
 ACTUATOR.....53
 EXTENSION.....53
 ADAPTOR
 DEPTH COMMAND.....53
 FAN.....4
 AIR CLEANER.....11
 BAND.....11
 CAP.....11
 CLAMP.....11
 FILTER.....11
 HOSE.....11
 AIR INTAKE TUBE.....5
 AIR POT.....51
 ALTERNATOR.....4
 ADJUSTMENT ARM.....4
 MOUNT.....4
 ARM
 SENSOR.....49
 STEERING.....14

-B-

BAND
 AIR CLEANER.....11
 BATTERY.....29
 BOX.....29
 CABLE.....29
 HOLD DOWN.....29
 BELT.....4
 BLADE
 CHOPPER.....46
 CUTTER.....43
 BOOT.....22
 BOX, CONTROL.....48
 BRACE
 LEG.....17
 OUTRIGGER.....38
 STREERING POST.....22
 BRACKET, THROTTLE CABLE.....5
 BRAKE
 CABLE.....23
 CLIP RETAINER.....14
 DISC.....14
 HUB.....14
 LEVER.....23

-C-

CABLE
 BATTERY.....29
 BRAKE.....23
 MOUNT, THROTTLE.....26

CAP

AIR CLEANER.....11
 FUEL.....21
 RADIATOR.....12
 STEERING.....28
 CESSNA GEAR MOTOR.....42
 CHAIN COUPLER.....42
 CHOKE CONTROL.....25
 CHOPPER
 BLADE.....46
 MALE ROW.....46
 CLUTCH BODY.....43, 47
 COIL WIRE.....4
 COLUMN
 HOIST.....39
 STEERING.....28
 CONSOLE.....25
 CONTROL
 BOX.....48
 COVER.....48
 ROD, GOVERNOR.....5
 COUPLER, QUAD PULLER.....44
 COVER
 HINGE.....48
 STEERING.....28
 CRANK PULLEY.....4
 CROP GUIDE.....54
 CROSS TUBE, LS.....49
 CUTTER
 BLADE.....43
 HEAD.....43
 CYLINDER
 LEG.....13
 LIFT.....39, 40, 41
 STEERING.....19

-D-

DECALS.....59, 60
 DEPTH COMMAND.....52, 53
 DIAGRAM, WIRING... 61, 62, 63, 64, 66
 DIFFUSER, LINE.....20
 DIMMER SWITCH.....22
 DIPSTICK.....20
 DISC
 BRAKE.....14
 FRICTION.....27
 SENSOR.....14
 DRAIN COCK.....12
 DRIVE SHAFT.....5
 DUST CAP.....45

-E-

ELECTROHYDRAULIC VALVE.....36, 37

ENGINE.....4,5
 HOOD.....30
 EXHAUST PIPE.....10
 EXTENSION, ACTUATOR.....53

-F -

FAN.....4
 ADAPTER.....4
 SPACER.....4
 FILTER
 GRESSEN.....20,33
 HYDRAULIC.....36
 MICHIGAN.....20
 FLASHER.....24,30
 FLOW DIVIDER.....7
 MOUNT.....7
 FOAM.....12,22
 FRAME, QUAD PULLER.....44
 FRICTION DISC.....27
 FUEL
 CAP.....21
 FILTER.....4,21
 GAUGE.....24
 SELECTOR VALVE.....21
 SENDER.....21
 FUEL TANK.....21
 MOUNT.....21
 FUSE.....24,48

-G -

GASKET HYDRAULIC TANK.....20
 GAUGE
 FUEL.....24
 HOUR METER.....24
 TEMPERATURE.....24
 GEAR.....42
 GOVERNOR.....5
 MOUNT.....5
 GROUND STRAP.....5,21,29
 GUIDE
 CROP.....54
 STALK.....42,43

-H -

HANDLE, 3-SPPOOL VALVE.....34,35
 HANDRAIL.....17
 HEAD
 CUTTER.....43
 QUAD PULLER.....44
 ROLLER PULLER.....42
 TIRE PULLER.....45
 HEAT SHIELD
 ENGINE.....4
 MUFFLER.....10
 HINGE, CONTROL COVER.....48

HOIST COLUMN.....39
 HOLD DOWN, BATTERY.....29
 HOOD
 ENGINE.....30
 PROP.....30
 HOOK, RUBBER.....30,31
 HOSE
 AIR CLEANER.....11
 RADIATOR.....4
 HOUR METER.....24
 HUB
 BRAKE.....14
 TORQUE.....14,15
 HYDRAULIC
 FILTER.....36
 MANIFOLD.....33
 MOTOR.....43,44
 SCHEMATIC.....68
 TANK.....20
 TUBE, LEG.....14
 HYDROSTATIC
 CABLE MOUNT.....4
 LEVER.....26

-I -

IGNITION SWITCH.....24
 INDICATOR LIGHT.....24
 INSTRUMENT PANEL.....24
 INTAKE SCREEN.....12

-K -

KNOB
 3-SPPOOL.....34,35
 STEERING.....28

-L -

LADDER.....17
 LEG.....14,15
 BRACE.....17
 LEVER
 BRAKE.....23
 HYDROSTATIC.....26
 THROTTLE.....27
 LIGHT.....22
 INDICATOR.....24
 SWITCH.....24
 LIFT ARM.....39
 LIFT CYLINDER.....39,40,41

-M -

MALE ROW CHOPPER.....46
 MALE CUTTER.....47
 MANIFOLD, HYDRAULIC.....33
 MICHIGAN FILTER.....20

MODULATOR.....	5
MOTOR	
BARNES HYDRAULIC.....	43
CESSNA GEAR.....	42
CONTROL VALVE.....	32
HOUSING.....	45
MOUNT.....	4
ORBITAL.....	45
STEERING.....	28
WHEEL.....	14, 15
MOUNT	
ALTERNATOR.....	4
BRAKE SENSOR.....	14
CABLE.....	26
FLOW DIVIDER.....	7
FUEL TANK.....	21
HYDROSTATIC CABLE.....	4
SEAT.....	23
STARTER SOLENOID.....	5
TACH SENSOR.....	5
MUFFLER.....	10
HEAT SHIELD.....	10
MULLION.....	30
-N-	
NYLON SLEEVE.....	14
-O-	
OIL	
COOLER.....	12
FILTER.....	4
SENDER.....	5
OPERATOR STATION.....	22
OUTRIGGER.....	38
BRACE.....	38
PIVOT PIN.....	38
-P-	
PANEL	
INSTRUMENT.....	24
SIDE.....	22
PIN, OUTRIGGER PIVOT.....	38
PIVOT ARM, STEERING.....	18
PIVOT BRACKET.....	50
POSITRACTION VALVE.....	8, 9
PULLEY, CRANK.....	4
PUMP	
SUNDSTRAND.....	6
-Q-	
QUAD PULLER	
FRAME.....	44
HEAD.....	44

-R-	
RADIATOR.....	12
CAP.....	12
HOSE.....	4
SHROUD.....	12
RECOVERY TANK.....	12
REFLECTOR L/S.....	49
SLIDE.....	49
RELIEF VALVE.....	7
RETAINER CLIP, BRAKE.....	14
RIM.....	16
ROLLER PULLER.....	42
RUBBER HOOK.....	30, 31

-S-

SCHEMATIC	
ELECTRICAL.....	64, 66
HYDRAULIC.....	68
SCREEN	
AIR INTAKE.....	12
LOWER.....	31
UPPER.....	31
SEAT.....	23
MOUNT.....	23
SENDER	
FUEL.....	21
OIL.....	5
TEMPERATURE.....	4
SENSOR	
ARM.....	49
DISC.....	14
FLAG.....	50
L/S.....	49
MOUNT, BRAKE.....	14
TACHOMETER.....	5
SERVICE PLATFORM.....	17
SHAFT, DRIVE.....	5
SHEAVE.....	5
SHIELD	
FRONT.....	31
MALE CHOPPER.....	46
MALE CUTTER.....	47
QUAD PULLER.....	44
SUN.....	24
TIRE PULLER.....	45
WHEEL MOTOR.....	14
SHROUD, RADIATOR.....	12
SLEEVE, NYLON.....	14
SLIDE REFLECTOR.....	49
S M V SIGN.....	31
SPACER	
FAN.....	4
RING, SUNDSTRAND.....	5
SPEEDOMETER.....	24
SPRING, THROTTLE LEVER.....	27
STABILIZER.....	38

STALK GUIDE.....42, 43, 44
 STARTER SOLENOID......5
 MOUNT......5
 STATION, OPERATOR......22
 STEERING

ARM.....14
 COLUMN......28
 COVER......28
 CYLINDER......19
 KNOB......28
 LEG......13
 MOTOR......28
 MOTOR PIVOT......28
 PIVOT ARM......18
 WHEEL......28

ELECTRO HYDRAULIC..... 36, 37
 FUEL SELECTOR......21
 MOTOR CONTROL......32
 POSITRACTION..... 8, 9
 RELIEF......7

-W-

WHEEL
 DRIVE ASSEMBLY..... 56, 57, 58
 STEERING..... 14, 15
 WHEEL MOTOR..... 14, 15
 SHIELD......14
 WIRING DIAGRAM..... 61, 62, 63, 64, 66

STRAP
 GROUND..... 5, 22, 29
 OIL TANK......20
 SUNDSTRAND PUMP......6
 SWITCH
 BOX......52
 DIMMER......22
 IGNITION......24
 LIGHT......24
 TOGGLE......24

-T-

TACH SENSOR......5
 MOUNT......5
 TAILLIGHT......31
 TANK
 FUEL......20
 HYDRAULIC......20
 RADIATOR RECOVERY......12
 TASSELTRON CONTROL BOX......51
 TEMPERATURE
 GAUGE......24
 SENDER......4
 TERMINAL BLOCK......22
 THROTTLE
 CABLE BRACKET......5
 LEVER......27
 STOP......54
 TIE PLATE, MAINFRAME......10
 TIE ROD, STEERING......18
 TIRE......16
 TIRE PULLER HEAD......45
 TOGGLE SWITCH......24
 TOOLBAR......38, 39
 CLAMP......46
 TORQUE HUB......14, 15
 TUBE HYDRAULIC......14

-V-

VALVE
 3-SPOOL......34, 35

