

PARTS MANUAL
FOR
HAGIE MODEL 284 HI-TRACTOR

HAGIE MANUFACTURING COMPANY

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

COVERS MACHINE SERIAL NUMBERS: U1200330001 thru U1200330100

06-03 493262
02-08

SPRAYER IDENTIFICATION

Each Hagie sprayer 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 sprayer. As for further identification, the engine has a serial number 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.

SPRAYER SERIAL NUMBER

ENGINE SERIAL NUMBER

PLANETARY HUB IDENTIFICATION NUMBERS

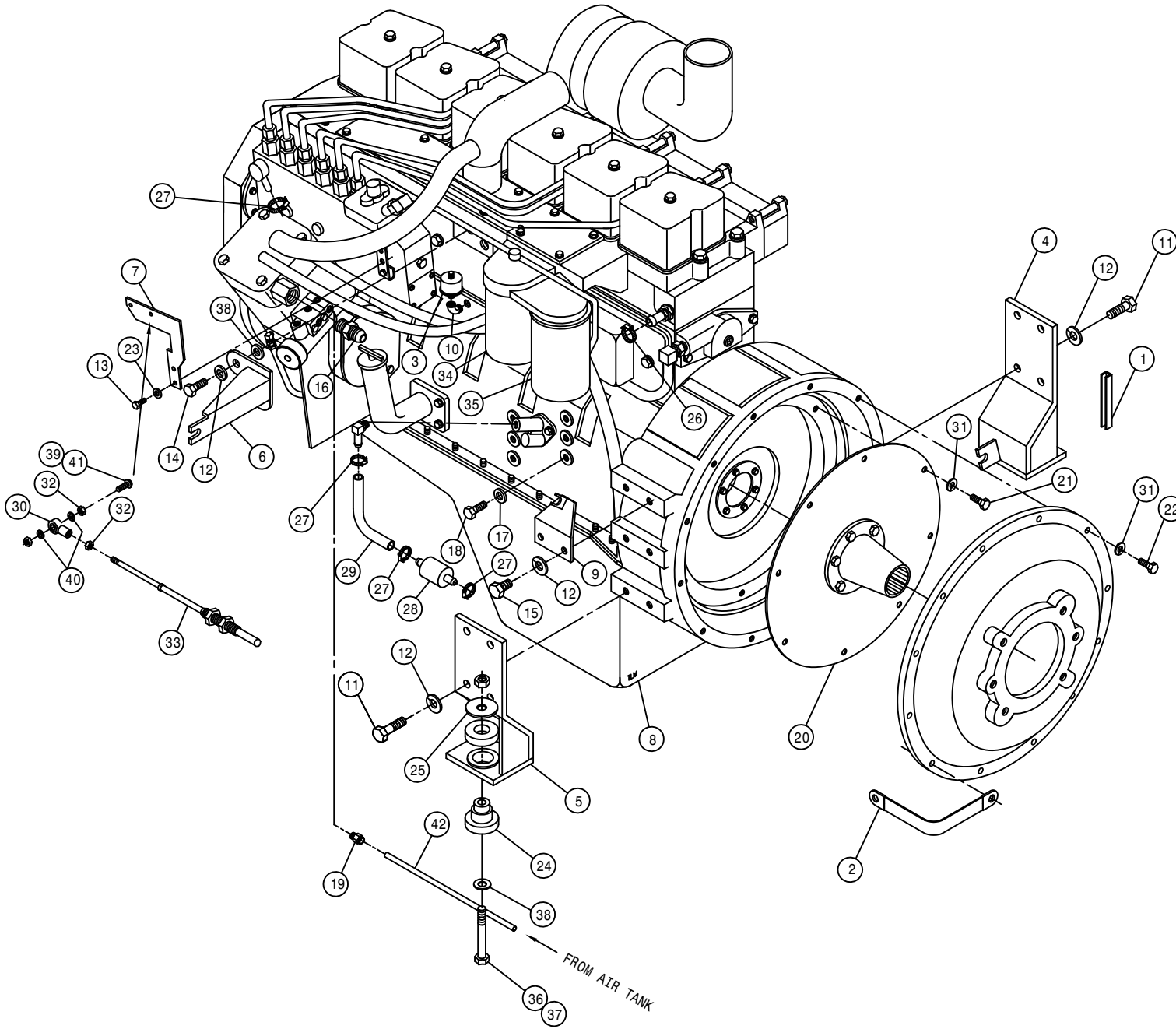
TABLE OF CONTENTS

ENGINE ASSEMBLIES4-6
FLOW DIVIDER AND FLUSHING VALVE7-9
A/C AND RADIATOR.	10-11
AIR CLEANER AND EXHAUST PIPE.	12
BATTERY	13
LEG ASSEMBLIES.	14-17
TIRE AND CROP GUIDES.	18-19
LEG AND STEERING CYLINDER	20-21
TIE ROD ASSEMBLY.	22-25
FUEL AND OIL TANKS.	26-27
CAB ASSEMBLY.	28-32
INSTRUMENT PANEL ASSEMBLY	33
SWITCH PANEL ASSEMBLY	34
CONSOLE ASSEMBLY.	35-37
BRAKE SOLENOID AND SEAT	38-40
SELECTOR VALVE AND VFC.	41-42
BOOM CRADLE	43
SHEET METAL	44-45
TANK SHIELDS.	46-47
LADDER AND SERVICE PLATFORM ASSEMBLY.	48
WINDSHIELD WASHER OPTION	49
BOOM VALVE.	50
TRANSOM, BOOM AND LIFT COMPONENTS	51-63
SOLUTION SYSTEM (STANDARD VOLUME).	64-75
SOLUTION HOISING.	76-79
SOLUTION SYSTEM (HI-VOLUME).	80-84
REAR NOZZLE OPTION.	85
RINSE OPTION.	86-87
TREAD ADJUSTMENT OPTION	88-92
FOAMER OPTION	93-97
INJECTION PLATFORM.	98
PRESSURE WASHER OPTION.	99-100
CROP SHIELD.	101
RADAR OPTION.	102
FOAMER DIVERT VALVE OPTION.	103
DECALS.	104-105
HYDRAULIC SCHEMATIC	106-111
ELECTRICAL SCHEMATIC.	112-121
ABBREVIATIONS	122
INDEX	123

ENGINE ASSEMBLY

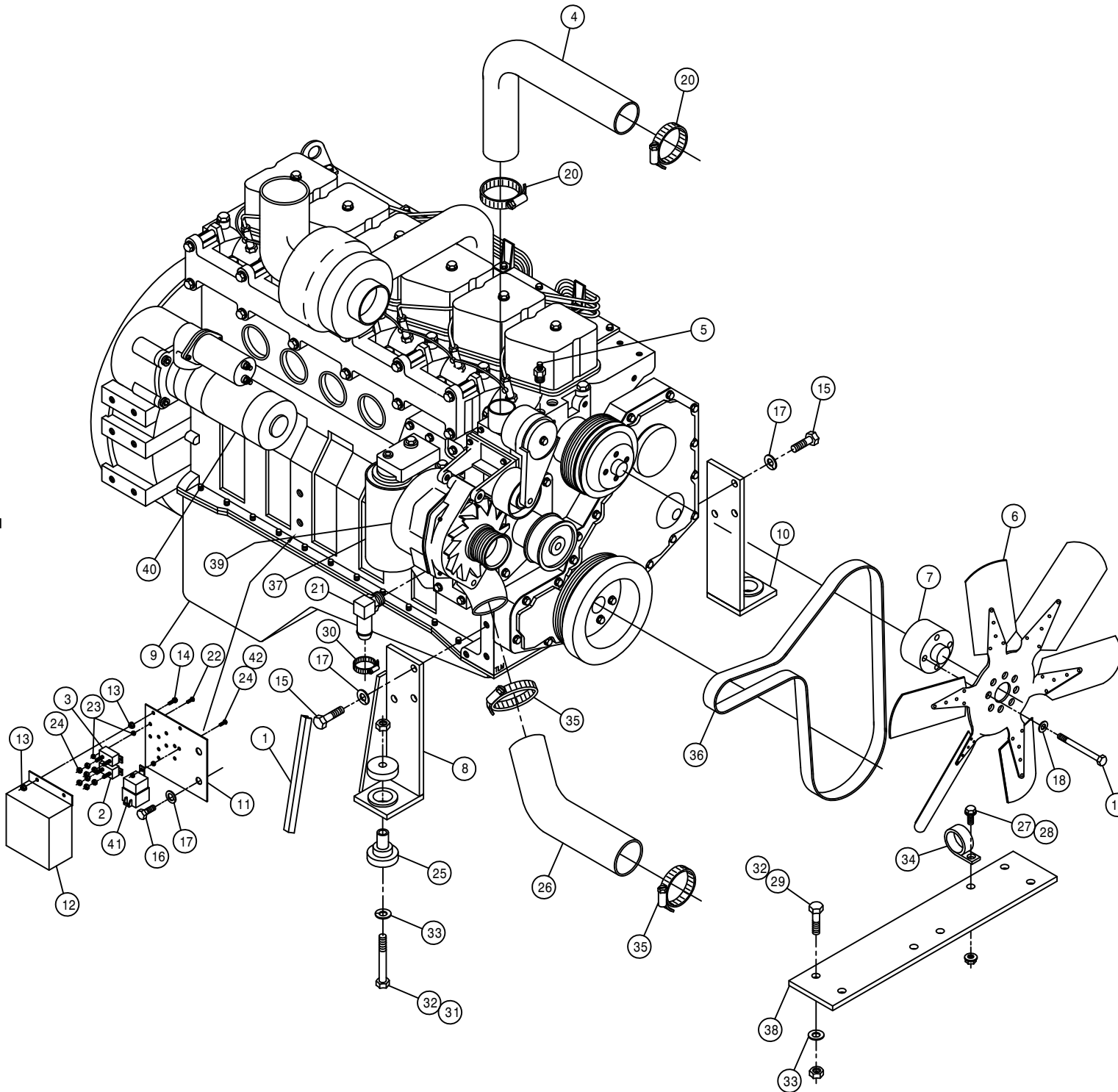
DET. QTY PART NO. DESCRIPTION

1	1	193012	QUICKEDGE TRIM .135 TO .250
2	1	290107	GROUND CABLE,8" X 4GA .406LUGS
3	1	291674	OIL PRESS SENDER,125PSI,1/8NPT
4	1	316252	RH REAR ENG MT WLD, CUMM 94
5	1	316253	LH REAR ENG MT WLD, CUMM 94
6	1	316517	THROTTLE CABLE MT WLD, CUMM 02
7	1	316516	THROTTLE CABLE LEVER, CUMM 02
8	1	316312	CUMM ENG,6B5.9A 152@2500 CMPSR
9	1	316320	HYDST CABLE MT WLD,284 CUMM 98
10	1	500900	BLK PIPE ST EL 90DEG .125NPT
11	8	473775	12MM-1.75 X 30MM HEX BOLT
12	12	473784	12MM LOCK WASHER
13	2	473826	6MM-1.00 X 16MM HEX BOLT
14	2	473828	12MM-1.50 X 20MM HEX BOLT
15	2	473783	12MM-1.75 X 25MM HEX BOLT
16	1	610300	3/4MJIC-3/4MNPT ADPTR
17	1	473804	8MM LOCK WASHER
18	1	473827	8MM-1.25 X 20MM HEX BOLT
19	1	711036	1/8MNPT-1/4 NYL TUBE FTG
20	1	800501	DRIVE DISK ASSY, 284
21	8	473793	10MM-1.50 X 20MM HEX BOLT
22	12	473792	10MM-1.50 X 30MM HEX BOLT
23	2	473768	6MM LOCK WASHER
24	2	311054	RUBBER MOUNT SET, CB-2202-4
25	2	311055	REBOUND WASHER FOR 311054
26	1	520055	HOSE CLAMP NO 12 STAINLESS
27	4	520120	HOSE CLAMP NO 4 STAINLESS
28	1	316281	FUEL STRAINER, IN-LINE, DIESEL
29	1	601347	HOSE, 3/8 X 10 FUEL LINE
30	1	473921	BALL JOINT NO 10-32 THD
31	20	473798	10MM LOCK WASHER
32	2	910027	10-32 HEX NUT
33	2	785066	CTRL CABLE 10-32 4IN X 129 IN
34	1	316208	FUEL FILTER, PRIMARY CUMM 92
35	1	316209	FUEL FILTER, SECONDARY CUMM92
36	2	900271	1/2UNC X 3 1/4 HEX BOLT
37	2	914008	1/2UNC HEX STOVER NUT
38	4	920004	1/2 SAE FLAT WASHER
39	1	914027	10-32 HEX STOVER NUT
40	2	920510	#10 LOCK WASHER
41	1	903893	10-32 X 1" SLT RD HD MACH SCR
42	1	601554	HOSE, 1/4 X 46 AIR



ENGINE ASSEMBLY

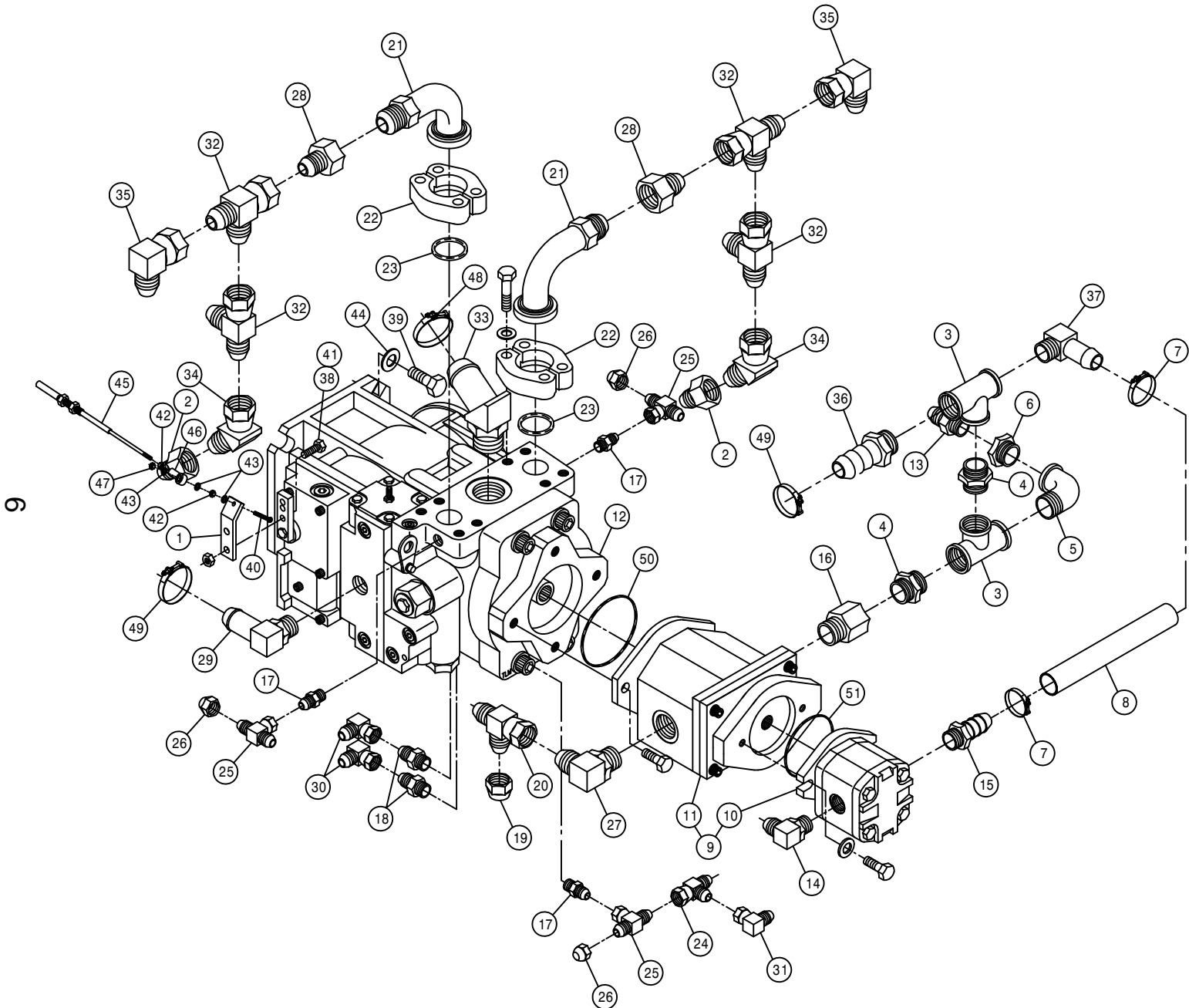
DET.	QTY	PART NO.	DESCRIPTION
1	1	193012	QUICKEDGE TRIM .135 TO .250
2	1	291197	CIRCUIT BREAKER,30AMP,INLINEMT
3	1	291556	CIRCUIT BREAKER,50AMP,INLINEMT
4	1	314832	RADIATOR HOSE 1.75 X 19(52423)
5	1	314836	TEMP SENDR 280D 1/2NPT FOR GA
6	1	316180	FAN, 22" 6 BLADE 30DEG 2.25PIT
7	1	316199	22IN FAN SPACER CUMM 92
8	1	316250	RH FRT ENG MT WLD, CUMM 94
9	1	316312	CUMM ENG,6B5.9A 152@2500 CMPSR
10	1	316313	LH FRT ENG MT WLD, 284 CUMM 98
11	1	316339	BREAKER MTG PLT, 2100 98
12	1	316340	BREAKER COVER, 2100 98
13	4	470175	10-32 HEX FLANGE LOCK NUT
14	2	470216	10-32 X 3/4 FLANGE HEX BOLT
15	6	473775	12MM-1.75 X 30MM HEX BOLT
16	2	473782	12MM-1.75 X 18MM HEX BOLT
17	8	473784	12MM LOCK WASHER
18	4	473804	8MM LOCK WASHER
19	4	473822	8MM-1.25 X 70MM HEX BOLT
20	2	520067	HOSE CLAMP NO 28 STAINLESS
21	1	618573	5/8 HOSE BARB-90-1/2MNPT
22	4	903812	6-32 X 1/2 SLT RD HD MACH SCR
23	8	910022	6-32 HEX NUT
24	6	910027	10-32 HEX NUT
25	2	311053	RUBBER MOUNT SET,SSB26-1000-1
26	1	314886	RADIATOR HOSE 2 1/4 20717
27	1	470118	1/4UNC X 3/4 FLANGE HEX BOLT
28	1	470121	1/4UNC HEX FLANGE LOCK NUT
29	4	900265	1/2UNC X 1 1/2 HEX BOLT
30	1	520055	HOSE CLAMP NO 12 STAINLESS
31	2	900271	1/2UNC X 3 1/4 HEX BOLT
32	6	914008	1/2UNC HEX STOVER NUT
33	6	920004	1/2 SAE FLAT WASHER
34	1	520126	CUSH HOSE CLAMP 2IN X 5/8W
35	2	520099	HOSE CLAMP NO 40 STAINLESS
36	1	316206	POLY V BELT CUMMINS DIESEL 92
37	1	316207	LUBE FILTER CUMMINS DIESEL 92
38	1	341968	TIE PLT 250/280 CUMM 92
39	1	316367	DELCO ALTERNATOR,130 AMP 22SI
40	1	316216	STARTER FOR CUMM 6 CYL 316185
41	1	291852	RELAY, 40 AMP, VF4 SERIES
42	1	903883	10-32 X 1/2 SLT RDHD MACH SCR

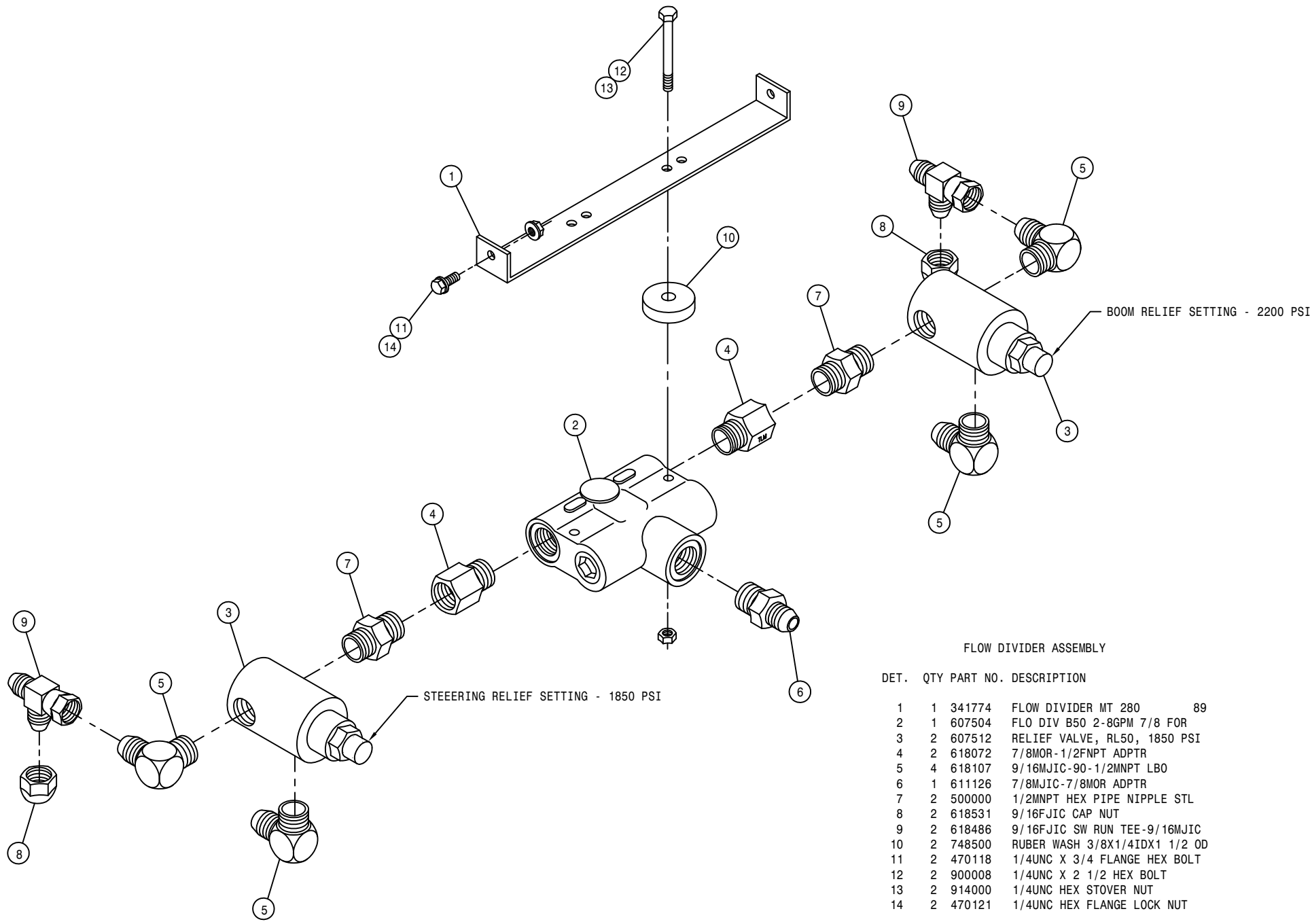


5

HYDROSTATIC PUMP ASSEMBLY

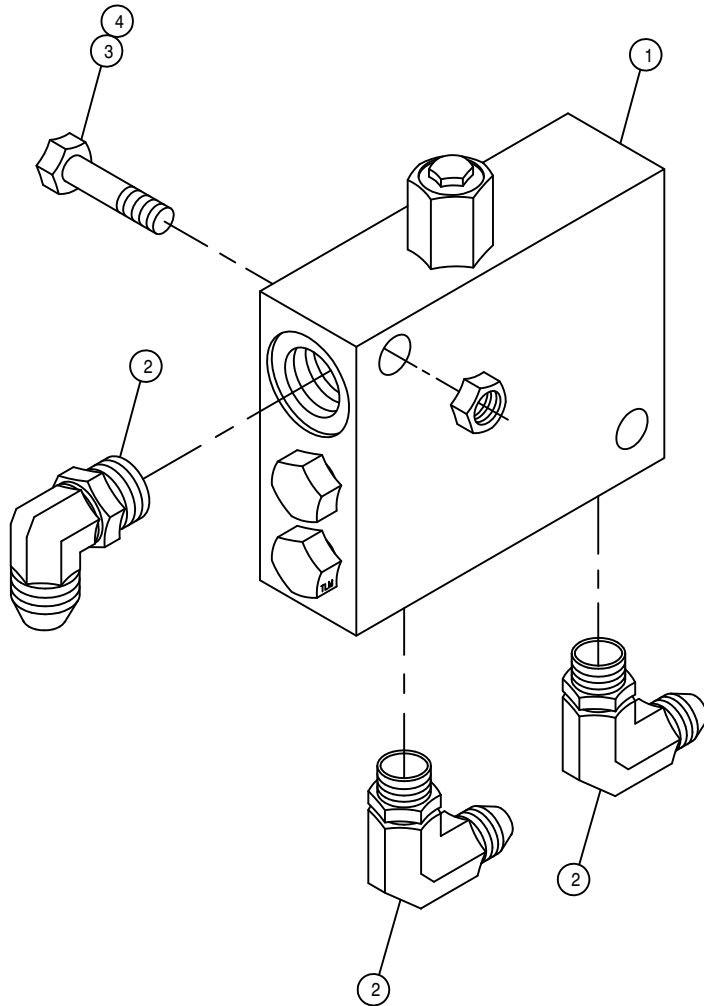
DET.	QTY	PART NO.	DESCRIPTION
1	1	316319	PUMP CTRL LEVER EXT,284 CUMM98
2	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR
3	2	505101	BLK PIPE TEE 1.00NPT
4	2	505105	1MNPT HEX PIPE NIPPLE STL
5	1	505200	BLK PIPE ST EL 90DEG 1.00NPT
6	1	505213	RED BUSH 1 X 3/4 BLK MAL
7	2	520137	1.12/1.25 T-BOLT HOSE CLAMP
8	1	601399	HOSE, 3/4 X 13 1FBR-1SPI
9	1	606941	TANDEM PUMP, 606929 & 606932
10	1	606929	SUND GEAR PUMP .66CI, SPLINED
11	1	606932	SUND GEAR PUMP,1.60CI,SPLINED
12	1	606954	SUND 130CC PUMP,B-MT 98
13	1	610300	3/4MJIC-3/4MNPT ADPTR
14	1	611128	7/8MJIC-90-7/8MOR LBO
15	1	618075	3/4 HOSE BARB-1 1/16MOR
16	1	618090	1 5/16MOR-1FNPT ADPTR
17	3	618126	9/16MJIC-9/16MOR ADPTR
18	2	618327	3/4MJIC-7/8MOR ADPTR
19	1	618328	7/8FJIC CAP NUT
20	1	618333	7/8FJIC SW RUN TEE-7/8MJIC
21	2	618459	1 1/4FLANGE-90-1 5/8MJIC
22	2	618461	1 1/4 SPLIT FLANGE KIT
23	2	870222	NEO ORING 1 1/2 X 1 3/4
24	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
25	3	618514	9/16FJ SW BRANCH TEE-9/16MJ
26	3	618531	9/16FJIC CAP NUT
27	1	618535	7/8MJIC-90-1 1/16MOR LBO
28	2	618547	1 5/8FJIC-1 5/16MJIC ADPTR
29	1	618564	1IN HOSE BARB-90-1 5/16MOR
30	2	618609	3/4MJIC-90-3/4FJIC SWIV LBO
31	1	618618	9/16MJIC-90-9/16FJIC SWIV LBO
32	4	618619	1 5/16FJ SW RUN TEE-1 5/16MJ
33	1	618626	1 1/4 HOSE BARB-45-1 5/8MOR
34	2	618630	1 5/16MJ-45-1 5/16FJ SWIV LBO
35	2	618640	1 5/16MJ-90-1 5/16FJ SWIV LBO
36	1	714560	1NPT X 1 HOSE BARB
37	1	716000	3/4 HOSE BARB-90-1MNPT
38	2	900003	1/4UNC X 1" HEX BOLT
39	4	900401	3/4UNC X 1 1/2 HEX BOLT
40	1	903893	10-32 X 1" SLT RD HD MACH SCR
41	2	914000	1/4UNC HEX STOVER NUT
42	2	910027	10-32 HEX NUT
43	3	920510	#10 LOCK WASHER
44	4	920006	3/4 SAE FLAT WASHER
45	1	785062	CTRL CABLE 10-32 4IN X 120 LG
46	1	473921	BALL JOINT NO 10-32 THD
47	1	914027	10-32 HEX STOVER NUT
48	1	520132	1.62/1.87 T-BOLT HOSE CLAMP SS
49	2	520138	1.38/1.56 T-BOLT HOSE CLAMP
50	1	606870	O-RING FOR 606865 SUND B-MT
51	1	606924	O-RING FOR SUND A-MT





FLOW DIVIDER ASSEMBLY

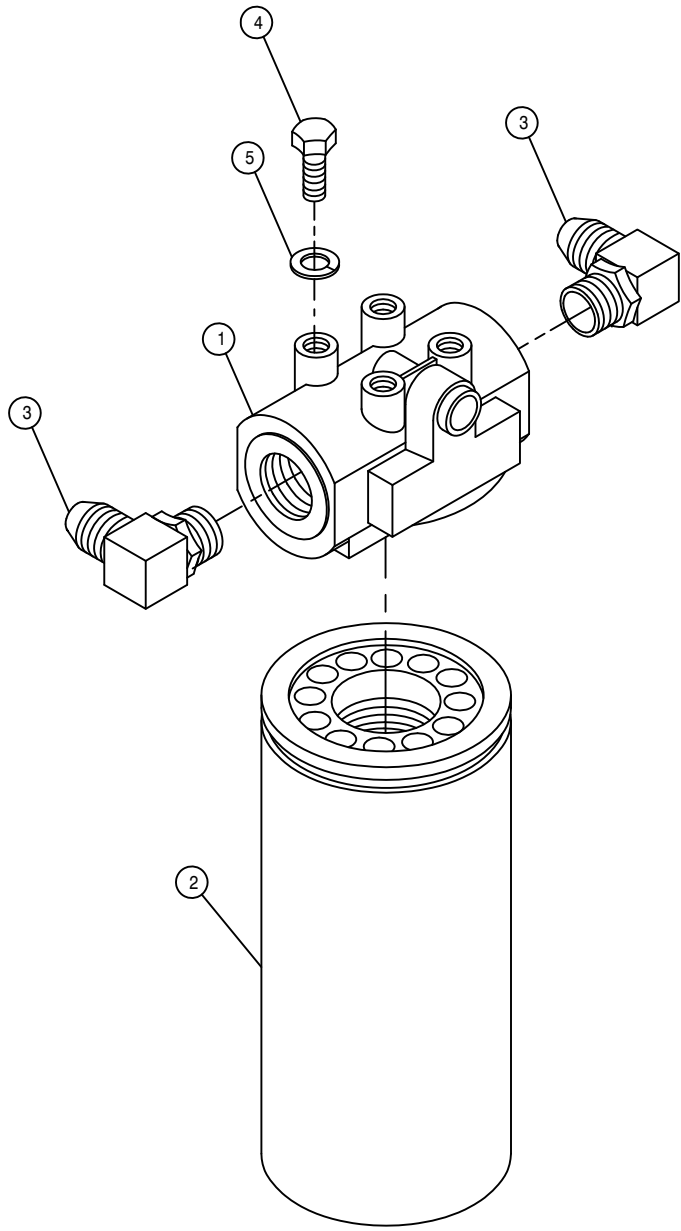
DET.	QTY	PART NO.	DESCRIPTION	
1	1	341774	FLOW DIVIDER MT 280	89
2	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	
3	2	607512	RELIEF VALVE, RL50, 1850 PSI	
4	2	618072	7/8MOR-1/2FNPT ADPTR	
5	4	618107	9/16MJIC-90-1/2MNPT LBO	
6	1	611126	7/8MJIC-7/8MOR ADPTR	
7	2	500000	1/2MNPT HEX PIPE NIPPLE STL	
8	2	618531	9/16FJIC CAP NUT	
9	2	618486	9/16FJIC SW RUN TEE-9/16MJIC	
10	2	748500	RUBER WASH 3/8X1/4IDX1 1/2 OD	
11	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
12	2	900008	1/4UNC X 2 1/2 HEX BOLT	
13	2	914000	1/4UNC HEX STOVER NUT	
14	2	470121	1/4UNC HEX FLANGE LOCK NUT	



LOOP FLUSHING VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

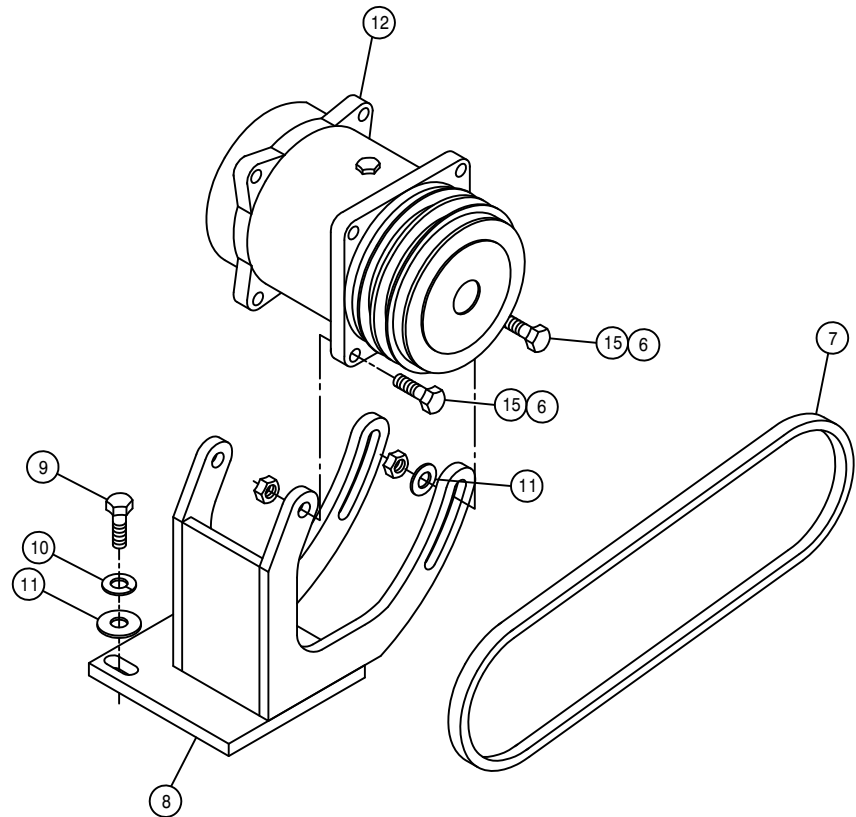
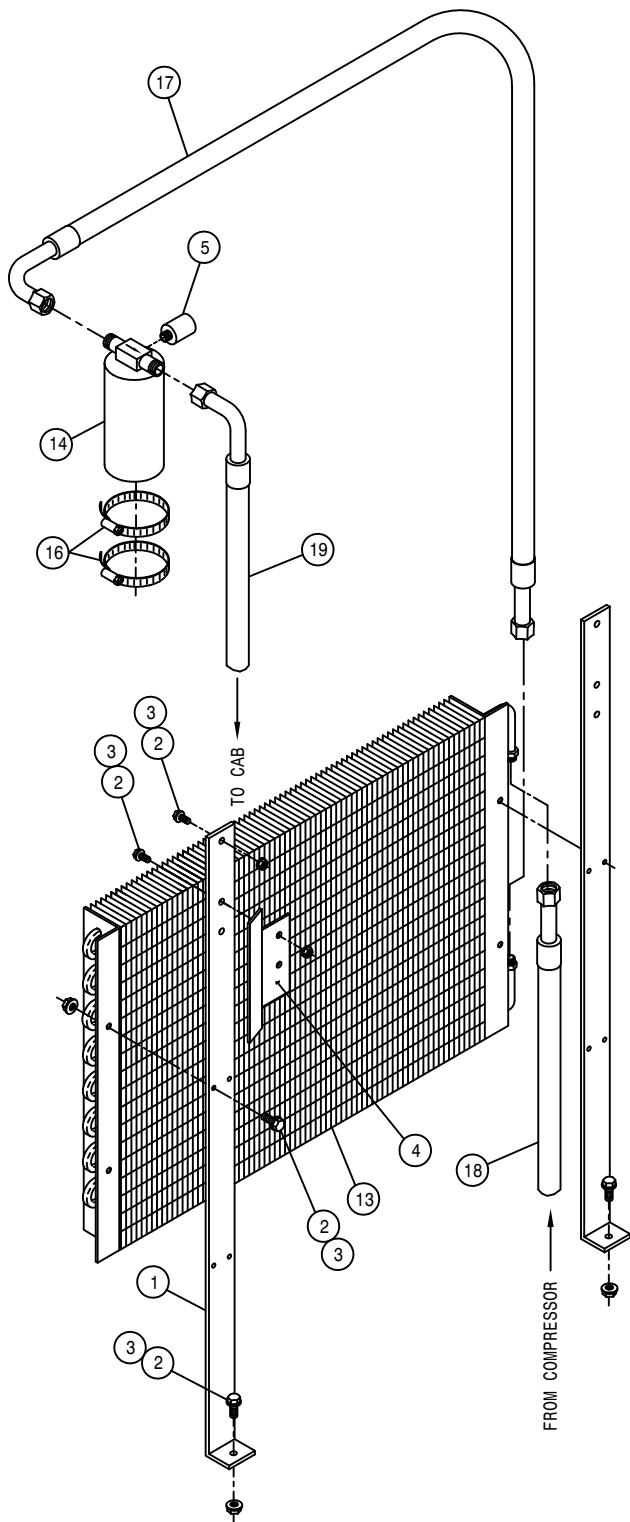
1	1	610580	REMOTE FLUSHING VALVE, SUND
2	3	618119	9/16MJC-90-9/16MOR LBO
3	2	900133	3/8UNC X 2" HEX BOLT
4	2	914004	3/8UNC HEX STOVER NUT



HI-PRESS FILTER ASSEMBLY

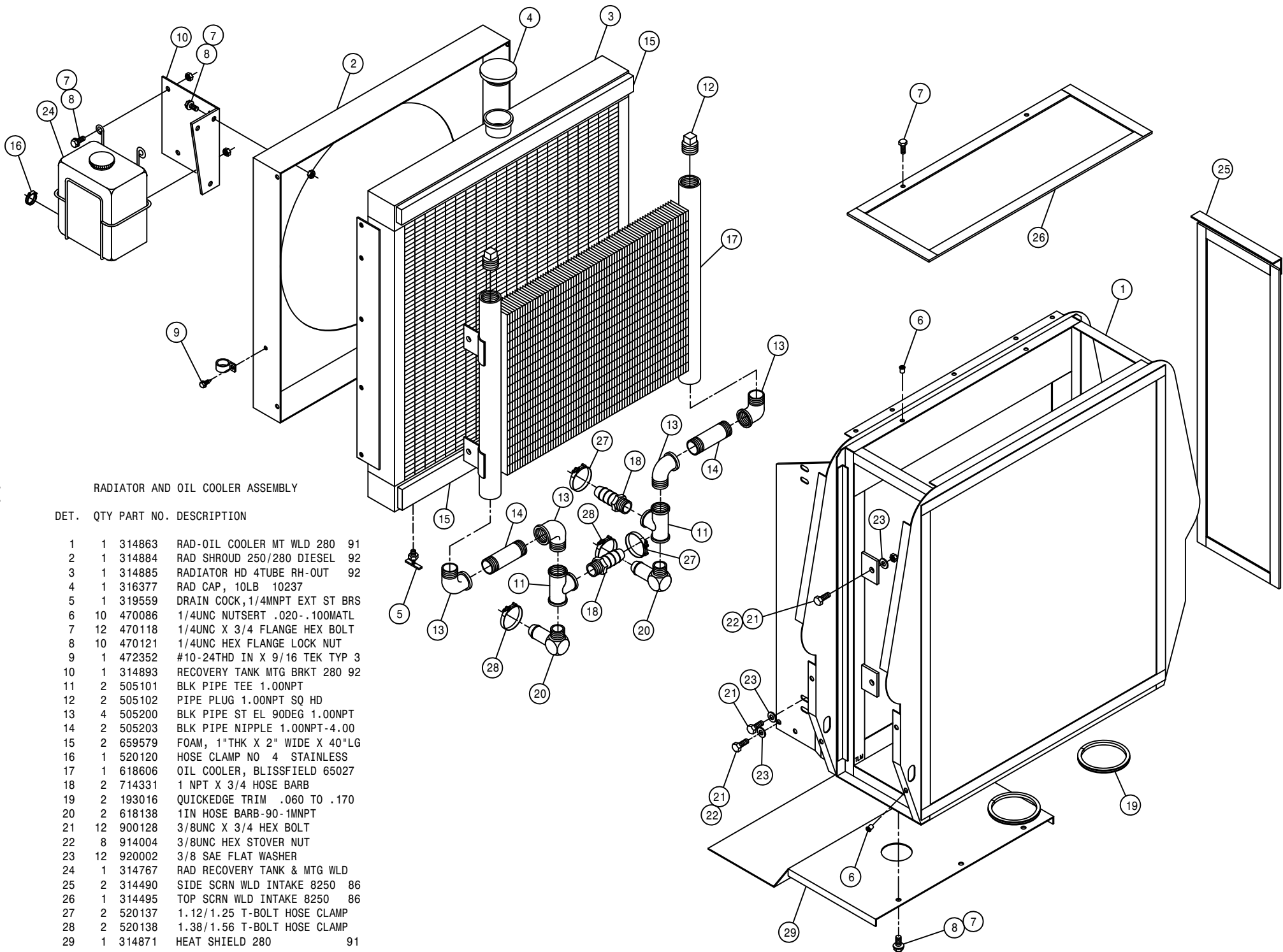
DET. QTY PART NO. DESCRIPTION

1	1	605608	HYD FILTER HEAD, DONALDSON
2	1	605609	HYD FILTER ELEMENT, DONALDSON
3	2	618474	3/4MJIC-90-1 1/16MOR LBO
4	4	900128	3/8UNC X 3/4 HEX BOLT
5	4	920502	3/8 LOCK WASHER



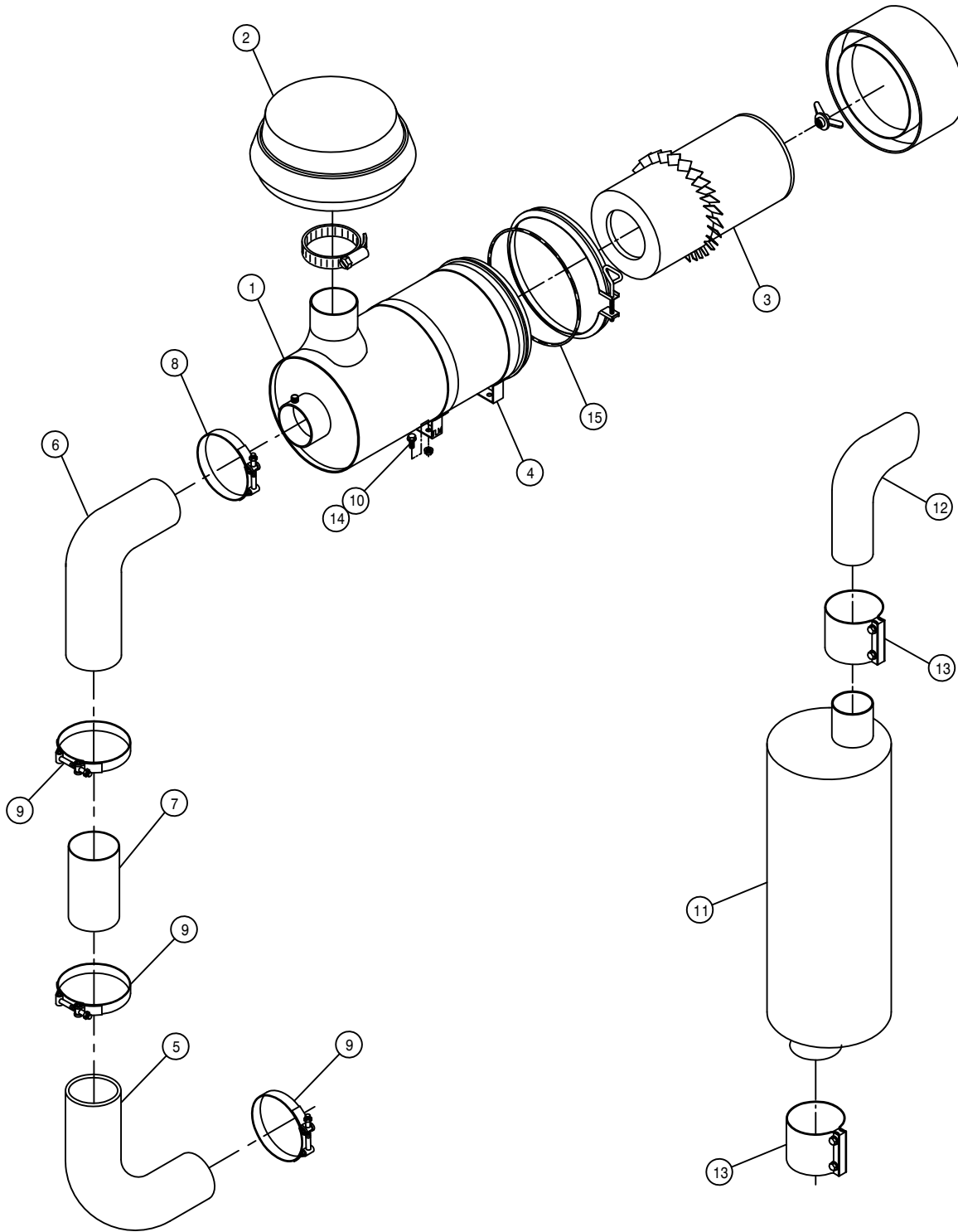
A/C COMPRESSOR PUMP ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION		
	1	2	315036	CONDENSER MTG BRKT	99
	2	10	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
	3	10	470121	1/4UNC HEX FLANGE LOCK NUT	
	4	1	315038	A/C DRIER MT,204-254-284	99
	5	1	657422	A/C BINARY SWITCH	
	6	4	914004	3/8UNC HEX STOVER NUT	
	7	1	147050	9455XL BELT, GATES	
	8	1	316314	A/C COMPRESR MT WLD, 284	98
	9	3	473792	10MM-1.50 X 30MM HEX BOLT	
	10	3	473798	10MM LOCK WASHER	
	11	5	483043	3/8 REGULAR FLAT WASHER	
	12	1	657403	A/C COMPRESR,180D PORTS TM15/12	
	13	1	657423	A/C CONDENSER COIL 21-0324	
	14	1	657421	A/C RECEIVER/DRIER	
	15	4	900131	3/8UNC X 1 1/2 HEX BOLT	
	16	2	520052	HOSE CLAMP NO 52 STAINLESS	
	17	1	657429	A/C HOSE ASSY, 5/16 X 44	
	18	1	657430	A/C HOSE ASSY, 13/32 X 80	
	19	1	657431	A/C HOSE ASSY, 5/16 X 173	



RADIATOR AND OIL COOLER ASSEMBLY

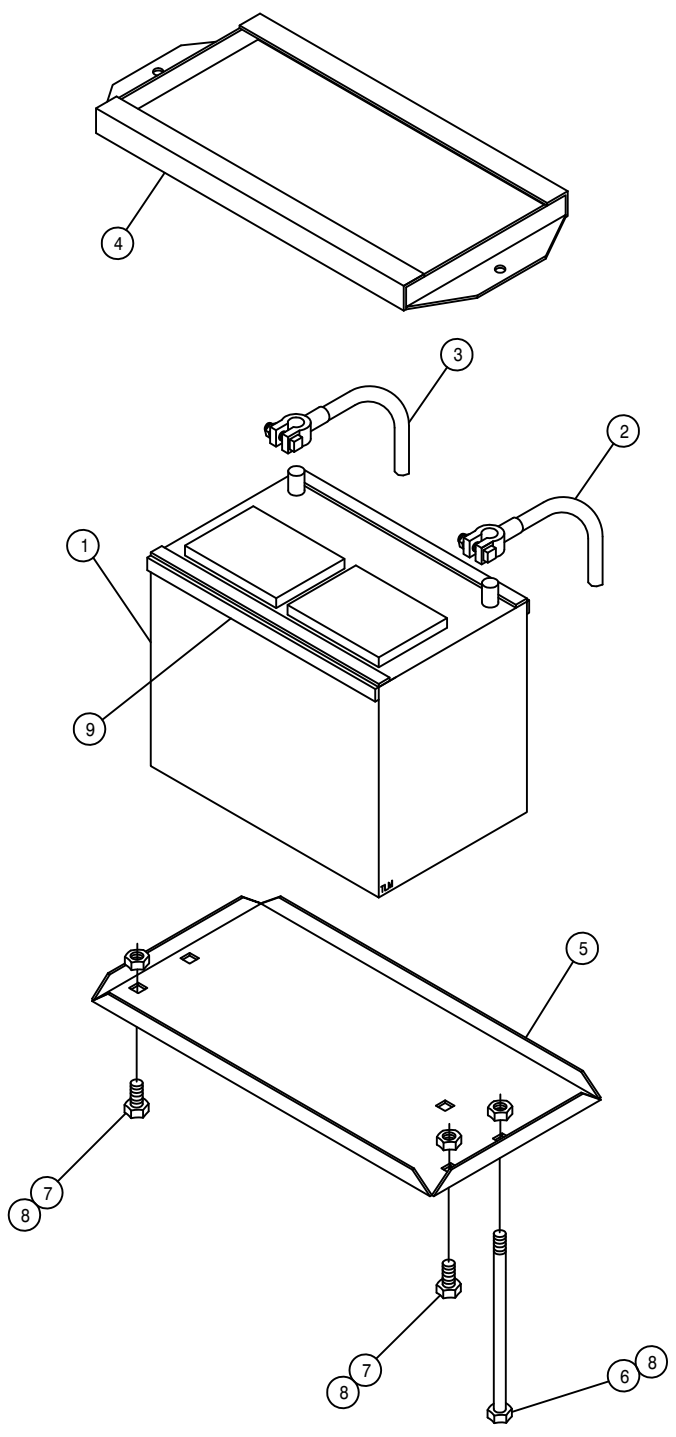
DET.	QTY	PART NO.	DESCRIPTION	
	1	314863	RAD-OIL COOLER MT WLD 280	91
	2	314884	RAD SHROUD 250/280 DIESEL	92
	3	314885	RADIATOR HD 4TUBE RH-OUT	92
	4	316377	RAD CAP, 10LB 10237	
	5	319559	DRAIN COCK, 1/4MNPT EXT ST BRS	
	6	470086	1/4UNC NUTSERT .020-.100MATL	
	7	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
	8	470121	1/4UNC HEX FLANGE LOCK NUT	
	9	472352	#10-24THD IN X 9/16 TEK TYP 3	
	10	314893	RECOVERY TANK MTG BRKT 280 92	
	11	505101	BLK PIPE TEE 1.00NPT	
	12	505102	PIPE PLUG 1.00NPT SQ HD	
	13	505200	BLK PIPE ST EL 90DEG 1.00NPT	
	14	505203	BLK PIPE NIPPLE 1.00NPT-4.00	
	15	659579	FOAM, 1"THK X 2" WIDE X 40"LG	
	16	520120	HOSE CLAMP NO 4 STAINLESS	
	17	618606	OIL COOLER, BLISSFIELD 65027	
	18	714331	1 NPT X 3/4 HOSE BARB	
	19	193016	QUICKEDGE TRIM .060 TO .170	
	20	618138	1IN HOSE BARB-90-1MNPT	
	21	900128	3/8UNC X 3/4 HEX BOLT	
	22	914004	3/8UNC HEX STOVER NUT	
	23	920002	3/8 SAE FLAT WASHER	
	24	314767	RAD RECOVERY TANK & MTG WLD	
	25	314490	SIDE SCR N WLD INTAKE 8250	86
	26	314495	TOP SCR N WLD INTAKE 8250	86
	27	520137	1.12/1.25 T-BOLT HOSE CLAMP	
	28	520138	1.38/1.56 T-BOLT HOSE CLAMP	
	29	314871	HEAT SHIELD 280	91



AIR CLEANER AND EXHAUST PIPE

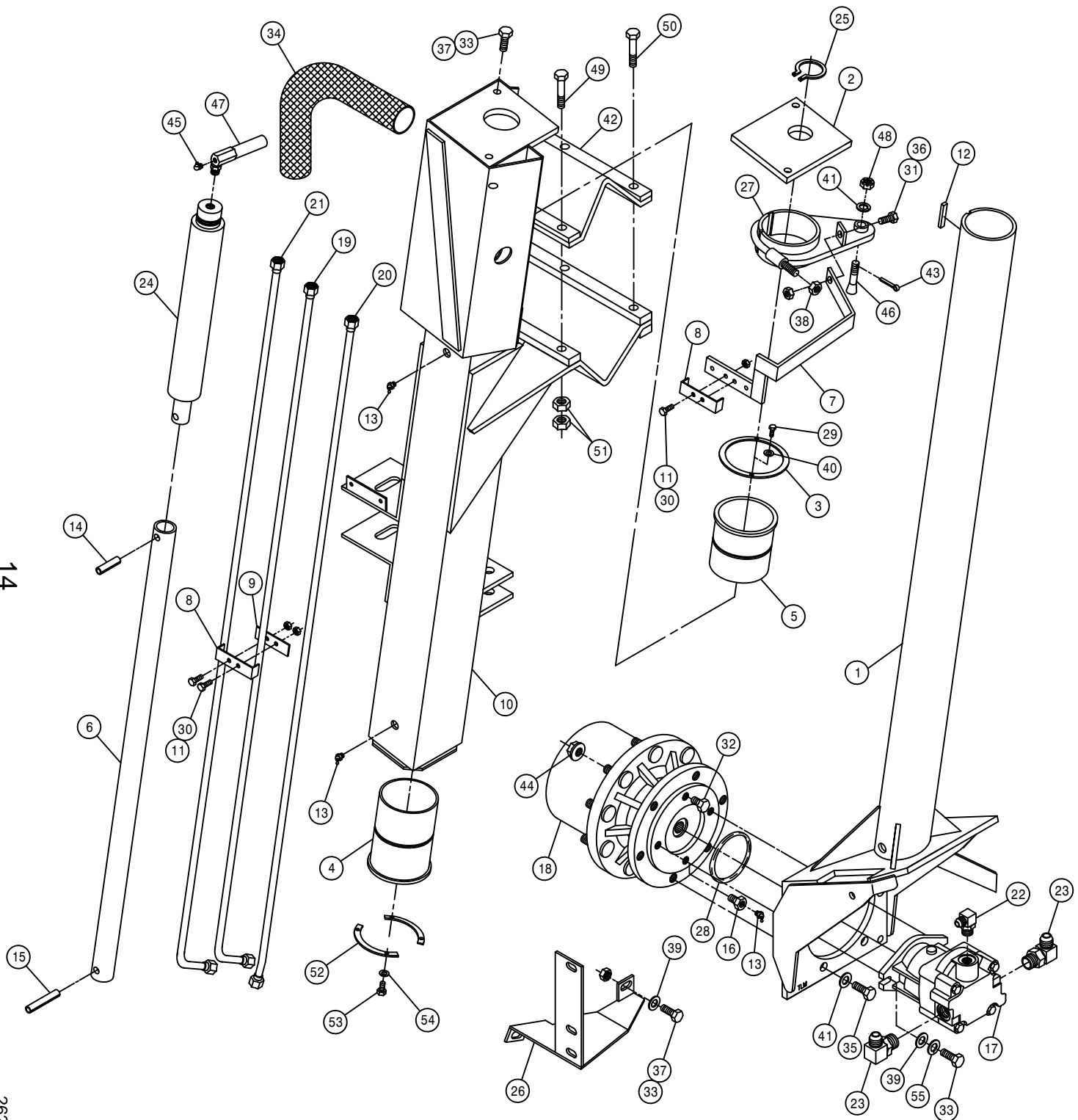
DET. QTY PART NO. DESCRIPTION

1	1	314970	AIR CLEANER, 510 CFM
2	1	314971	AIR CLEANER HOOD FOR 314970
3	1	314973	AIR CLEANER ELEMENT FOR314970
4	2	314972	AIR CLEANER MT BAND FOR314970
5	1	316309	4" 90DEG ELBOW, RUBBER
6	1	316297	5"-4" 90DEG REDU ELBOW,RUBBER
7	1	316298	4" X 11.50" AIR INTAKE TUBE,97
8	1	520136	5.31/5.59 T-BOLT HOSE CLAMP SS
9	3	520134	4.31/4.59 T-BOLT HOSE CLAMP SS
10	4	470113	5/16UNC HEX FLANGE LOCK NUT
11	1	316299	MUFFLER, 3" DONALDSON 97
12	1	316300	3" EXHAUST STACK 97
13	2	470243	3" STRAP BAND EXHAUST CLAMP
14	4	470233	5/16UNC X 3/4 FLANGE HEX BOLT
15	1	314994	GASKET FOR AIR CLEANER 314970



BATTERY BOX ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	291122	BATTERY,12V 950CCA, SAE POST
2	1	291128	BATTERY CABLE 48 IN
3	1	291530	BATTERY GROUND CABLE, 23"
4	1	341322	BATTERY HOLD DOWN WLD 1981
5	1	361149	BATTERY BOX 8300-8400 1981
6	2	901150	3/8UNC X 9" CARR BOLT
7	2	900129	3/8UNC X 1" HEX BOLT
8	4	914004	3/8UNC HEX STOVER NUT
9	4	193022	STICKERTITE 1/4 X 3/4

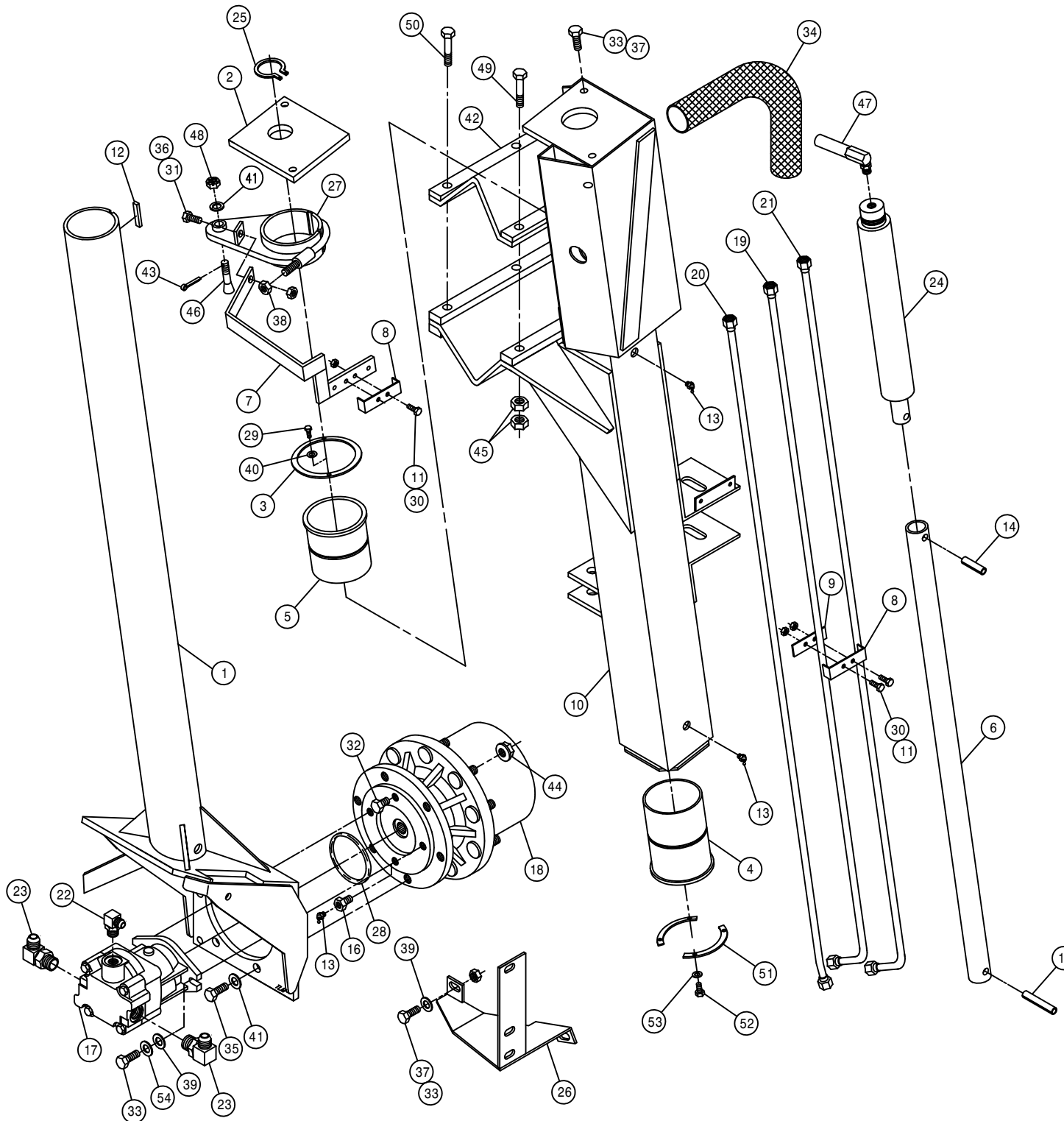


RIGHT FRONT LEG ASSEMBLY

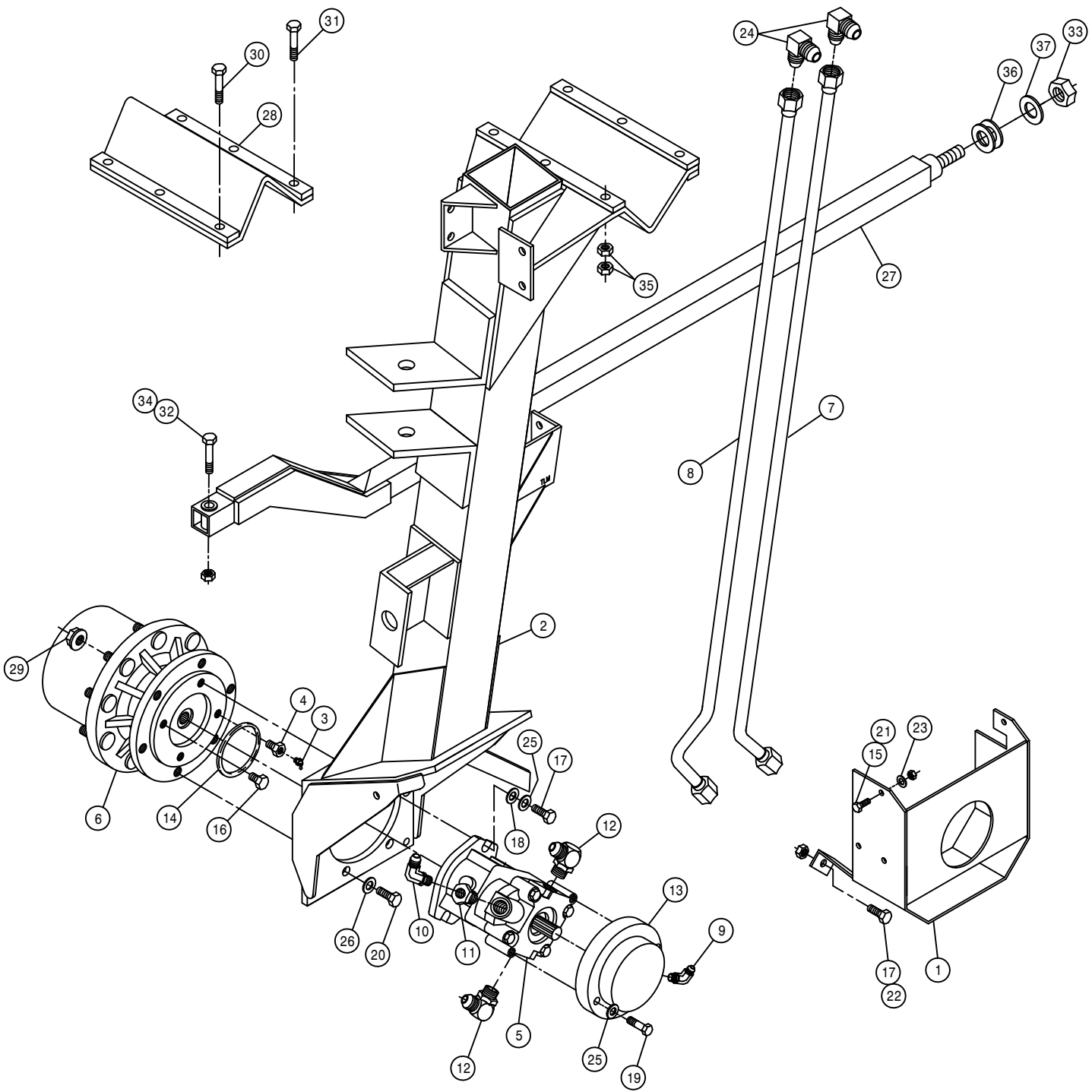
DET.	QTY	PART NO.	DESCRIPTION	
1	1	358535	RH FRT INNER LEG WLD 280	89
2	1	358562	LEG CYL MTG PLATE 280	89
3	1	358563	FRT LEG BRG KPR 280	89
4	1	358564	FRT LEG LWR NYL SLEEVE 280	89
5	1	358565	FRT LEG UPR NYL SLEEVE 280	89
6	1	358566	LEG CYL SHAFT EXTENSION280	89
7	1	358707	RH FRT LEG TUBE BRKT WLD280TA	
8	2	358739	FRT LEG HYD TUBE CLMP, 284	94
9	1	358740	FRT LEG HYD TUBE KPR, 284	94
10	1	358947	RH FRT OUTER LEG WLD, 284	99
11	4	470121	1/4UNC HEX FLANGE LOCK NUT	
12	1	470185	KEY .25 X .375 X 2.00 LG	
13	3	471023	GREASE ZERK 1/4-28 X 45	
14	1	473903	SPIRAL PIN 1/2 X 2	640
15	1	473904	SPIRAL PIN 1/2 X 3	640
16	1	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
17	1	610571	SUND M35-3002 WHL MTR	
18	1	610683	TORQ HUB, 15:1 B-MT MW3BA	
19	1	615656	FRT LEG CNTR HYD TUBE ASSY284	
20	1	615702	FRT LEG INR HYD TUBE ASSY28496	
21	1	615703	RH FRTLEG OUTRHYDTUBE ASSY28496	
22	1	618183	3/4MJIC-90-7/8MOR LBO	
23	2	618248	1 1/16MJIC-90-1 1/16MOR LBO	
24	1	620805	LEG LEVEL CYL ASSY,2.00 X 12.0	
25	1	629515	SNAP RING 1 3/4 EXTRN HDUTY	
26	1	662157	RH FRT MTG WLD FOR CROP GUIDE	
27	1	749290	RH STRG ARM WLD,280 TREAD ADJ	
28	1	870045	O-RING 4 1/8 OD X 4 ID	
29	2	900000	1/4UNC X 1/2 HEX BOLT	
30	4	900005	1/4UNC X 1 1/2 HEX BOLT	
31	1	900129	3/8UNC X 1" HEX BOLT	
32	1	900260	1/2UNC X 1/2 H BOLT GR2 UNPLT	
33	7	900265	1/2UNC X 1 1/2 HEX BOLT	
34	1	342335	NYL HOSE SLEEVE,2.64ID X 36.00	
35	6	900333	5/8UNC X 1 1/2 HEX BOLT	
36	1	914004	3/8UNC HEX STOVER NUT	
37	5	914008	1/2UNC HEX STOVER NUT	
38	1	914010	5/8UNC HEX STOVER NUT	
39	5	920004	1/2 SAE FLAT WASHER	
40	2	920500	1/4 LOCK WASHER	
41	7	920505	5/8 LOCK WASHER	
42	1	358759	LEG MT V-PLT WLD, 284T	94
43	1	470035	COTTER PIN 5/32 X 1 1/2	
44	9	470140	5/8UNF HEX SMTH FLANGE NUT PLT	
45	1	471027	GREASE ZERK 1/8NPT 90DEG LP	
46	1	749293	STRG ARM BOLT, TAPERED	
47	1	615614	FRT LEG CYL JUMPER HOSE280 89	
48	1	822040	5/8-18UNF SLOTTED HEX NUT	
49	3	900836	5/8UNF X 3 1/4 HEX BOLT GR8	
50	3	900837	5/8UNF X 3 1/2 HEX BOLT GR8	
51	12	914811	5/8UNF HEX NUT GR8	
52	2	358927	LWR BRG KPR, LEG	98
53	4	900064	5/16UNC X 3/4 HEX BOLT	
54	4	920501	5/16 LOCK WASHER	
55	2	920504	1/2 LOCK WASHER	

LEFT FRONT LEG ASSEMBLY

DET. QTY PART NO. DESCRIPTION

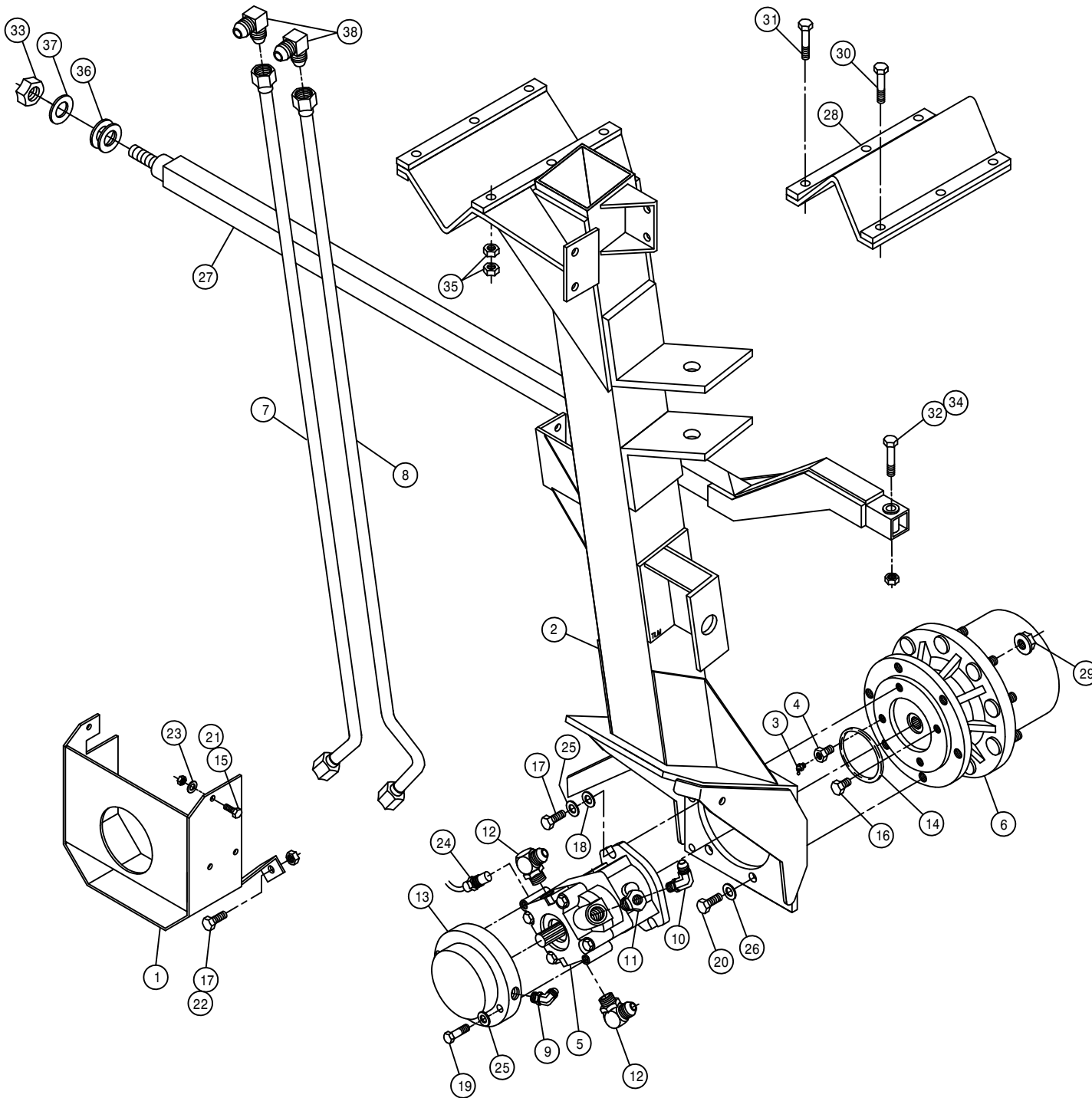


DET.	QTY	PART NO.	DESCRIPTION	
1	1	358536	LH FRT INNER LEG WLD 280	89
2	1	358562	LEG CYL MTG PLATE 280	89
3	1	358563	FRT LEG BRG KPR 280	89
4	1	358564	FRT LEG LWR NYL SLEEVE 280	89
5	1	358565	FRT LEG UPR NYL SLEEVE 280	89
6	1	358566	LEG CYL SHAFT EXTENSION280	89
7	1	358708	LH FRT LEG TUBE BRKT WLD280TA	
8	2	358739	FRT LEG HYD TUBE CLMP, 284	94
9	1	358740	FRT LEG HYD TUBE KPR, 284	94
10	1	358948	LH FRT OUTER LEG WLD, 284	99
11	4	470121	1/4UNC HEX FLANGE LOCK NUT	
12	1	470185	KEY .25 X .375 X 2.00 LG	
13	3	471023	GREASE ZERK 1/4-28 X 45	
14	1	473903	SPIRAL PIN 1/2 X 2	640
15	1	473904	SPIRAL PIN 1/2 X 3	640
16	1	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
17	1	610571	SUND M35-3002 WHL MTR	
18	1	610683	TORQ HUB, 15:1 B-MT MW3BA	
19	1	615656	FRT LEG CNTR HYD TUBE ASSY284	
20	1	615702	FRT LEG INR HYD TUBE ASSY28496	
21	1	615704	LH FRTLEG OUTHYDTUBE ASY28496	
22	1	618183	3/4MJIC-90-7/8MOR LBO	
23	2	618248	1 1/16MJIC-90-1 1/16MOR LBO	
24	1	620805	LEG LEVEL CYL ASSY,2.00 X 12.0	
25	1	629515	SNAP RING 1 3/4 EXTRN HDUTY	
26	1	662156	LH FRT MTG WLD FOR CROP GUIDE	
27	1	749291	LH STRG ARM WLD,280 TREAD ADJ	
28	1	870045	O-RING 4 1/8 OD X 4 ID	
29	2	900000	1/4UNC X 1/2 HEX BOLT	
30	4	900005	1/4UNC X 1 1/2 HEX BOLT	
31	1	900129	3/8UNC X 1" HEX BOLT	
32	1	900260	1/2UNC X 1/2 H BOLT GR2 UNPLT	
33	7	900265	1/2UNC X 1 1/2 HEX BOLT	
34	1	342335	NYL HOSE SLEEVE,2.64ID X 36.00	
35	6	900333	5/8UNC X 1 1/2 HEX BOLT	
36	1	914004	3/8UNC HEX STOVER NUT	
37	5	914008	1/2UNC HEX STOVER NUT	
38	1	914010	5/8UNC HEX STOVER NUT	
39	5	920004	1/2 SAE FLAT WASHER	
40	2	920500	1/4 LOCK WASHER	
41	7	920505	5/8 LOCK WASHER	
42	1	358759	LEG MT V-PLT WLD, 284T	94
43	1	470035	COTTER PIN 5/32 X 1 1/2	
44	9	470140	5/8UNF HEX SMTH FLANGE NUT PLT	
45	12	914811	5/8UNF HEX NUT GR8	
46	1	749293	STRG ARM BOLT, TAPERED	
47	1	615614	FRT LEG CYL JUMPER HOSE280	89
48	1	822040	5/8-18UNF SLOTTED HEX NUT	
49	3	900836	5/8UNF X 3 1/4 HEX BOLT GR8	
50	3	900837	5/8UNF X 3 1/2 HEX BOLT GR8	
51	2	358927	LWR BRG KPR, LEG	98
52	4	900064	5/16UNC X 3/4 HEX BOLT	
53	4	920501	5/16 LOCK WASHER	
54	2	920504	1/2 LOCK WASHER	



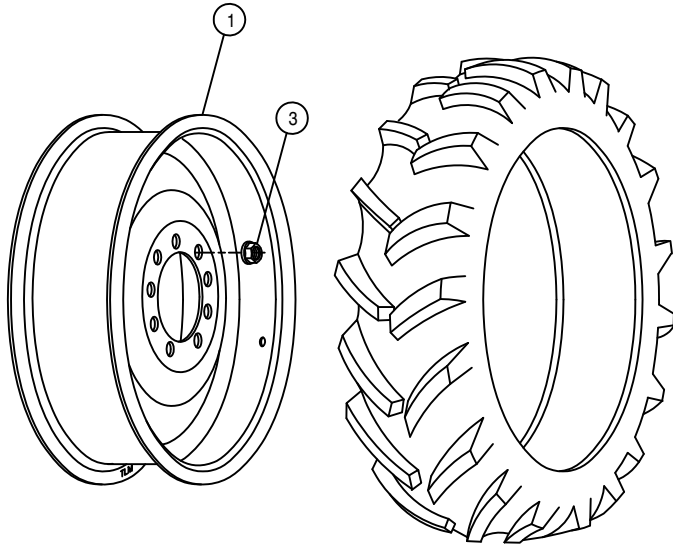
RIGHT REAR LEG ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
1	1	358823	RH REAR WHL MTR SHLD WLD	97
2	1	358827	RH REAR LEG WLD, 284	97
3	1	471023	GREASE ZERK 1/4-28 X 45	
4	1	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
5	1	610557	SUND M35-3102 WHL MTR W/SHFT	
6	1	610692	TORQ HUB, 30:1 B-MT MW3BA	
7	1	615705	REAR LEG HYD TUBE ASSY 284	97
8	1	615706	RH REAR LEG HYDTUBE ASSY284	97
9	1	618114	9/16MJIC-90-7/16MOR LBO	
10	1	618119	9/16MJIC-90-9/16MOR LBO	
11	1	618172	7/8MOR-9/16FOR ADPTR	
12	2	618576	1 5/16MJIC-90-1 1/16MOR LBO	
13	1	828092	MICO HYD BRAKE	
14	1	870045	O-RING 4 1/8 OD X 4 ID	
15	2	900130	3/8UNC X 1 1/4 HEX BOLT	
16	1	900260	1/2UNC X 1/2 H BOLT GR2 UNPLT	
17	4	900265	1/2UNC X 1 1/2 HEX BOLT	
18	2	920004	1/2 SAE FLAT WASHER	
19	2	900268	1/2UNC X 2 1/2 HEX BOLT	
20	6	900333	5/8UNC X 1 1/2 HEX BOLT	
21	2	914004	3/8UNC HEX STOVER NUT	
22	2	914008	1/2UNC HEX STOVER NUT	
23	2	920002	3/8 SAE FLAT WASHER	
24	2	618441	1 5/16MJIC-90-1 5/16MJIC LBO	
25	4	920504	1/2 LOCK WASHER	
26	6	920505	5/8 LOCK WASHER	
27	1	358670	RH LEG BRACE WLD 280	92
28	1	358759	LEG MT V-PLT WLD, 284T	94
29	9	470140	5/8UNF HEX SMTH FLANGE NUT PLT	
30	3	900836	5/8UNF X 3 1/4 HEX BOLT GR8	
31	3	900837	5/8UNF X 3 1/2 HEX BOLT GR8	
32	1	900410	3/4UNC X 4" HEX BOLT	
33	1	910017	1" UNC HEX NUT	
34	1	914012	3/4UNC HEX STOVER NUT	
35	12	914811	5/8UNF HEX NUT GR8	
36	2	920008	1" SAE FLAT WASHER	
37	1	920508	1" LOCK WASHER	

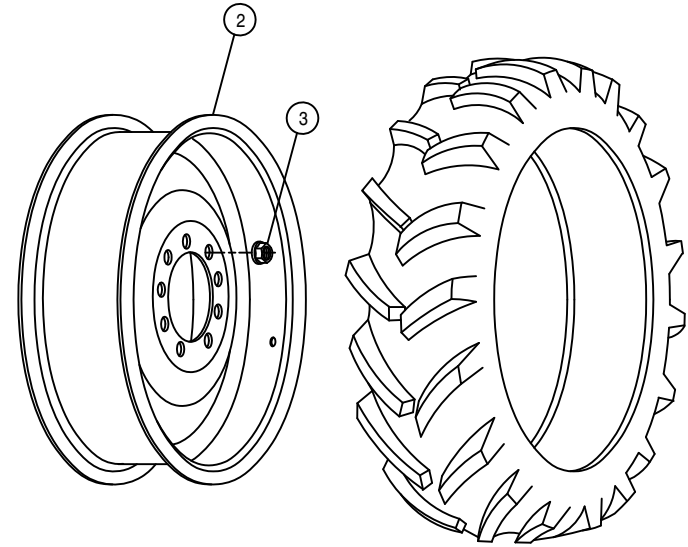


LEFT REAR LEG ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
1	1	358824	LH REAR WHL MTR SHLD WLD	97
2	1	358828	LH REAR LEG WLD, 284	97
3	1	471023	GREASE ZERK 1/4-28 X 45	
4	1	610556	1/2UNC X 1/2 ZERK BOLT T-HUB	
5	1	610621	SUND M35-3102 WHL MTR	
6	1	610692	TORQ HUB, 30:1 B-MT MW3BA	
7	1	615705	REAR LEG HYD TUBE ASSY 284	97
8	1	615707	LH REAR LEG HYDTUBE ASSY284	97
9	1	618114	9/16MJIC-90-7/16MOR LBO	
10	1	618119	9/16MJIC-90-9/16MOR LBO	
11	1	618172	7/8MOR-9/16FOR ADPTR	
12	2	618576	1 5/16MJIC-90-1 1/16MOR LBO	
13	1	828092	MICO HYD BRAKE	
14	1	870045	O-RING 4 1/8 OD X 4 ID	
15	2	900130	3/8UNC X 1 1/4 HEX BOLT	
16	1	900260	1/2UNC X 1/2 H BOLT GR2 UNPLT	
17	4	900265	1/2UNC X 1 1/2 HEX BOLT	
18	2	920004	1/2 SAE FLAT WASHER	
19	2	900268	1/2UNC X 2 1/2 HEX BOLT	
20	6	900333	5/8UNC X 1 1/2 HEX BOLT	
21	2	914004	3/8UNC HEX STOVER NUT	
22	2	914008	1/2UNC HEX STOVER NUT	
23	2	920002	3/8 SAE FLAT WASHER	
24	1	610625	SENSOR, WHL MOTOR 610621/610671	
25	4	920504	1/2 LOCK WASHER	
26	6	920505	5/8 LOCK WASHER	
27	1	358671	LH LEG BRACE WLD 280	92
28	1	358759	LEG MT V-PLT WLD, 284T	94
29	9	470140	5/8UNF HEX SMTH FLANGE NUT PLT	
30	3	900836	5/8UNF X 3 1/4 HEX BOLT GR8	
31	3	900837	5/8UNF X 3 1/2 HEX BOLT GR8	
32	1	900410	3/4UNC X 4" HEX BOLT	
33	1	910017	1" UNC HEX NUT	
34	1	914012	3/4UNC HEX STOVER NUT	
35	12	914811	5/8UNF HEX NUT GR8	
36	2	920008	1" SAE FLAT WASHER	
37	1	920508	1" LOCK WASHER	
38	2	618441	1 5/16MJIC-90-1 5/16MJIC LBO	



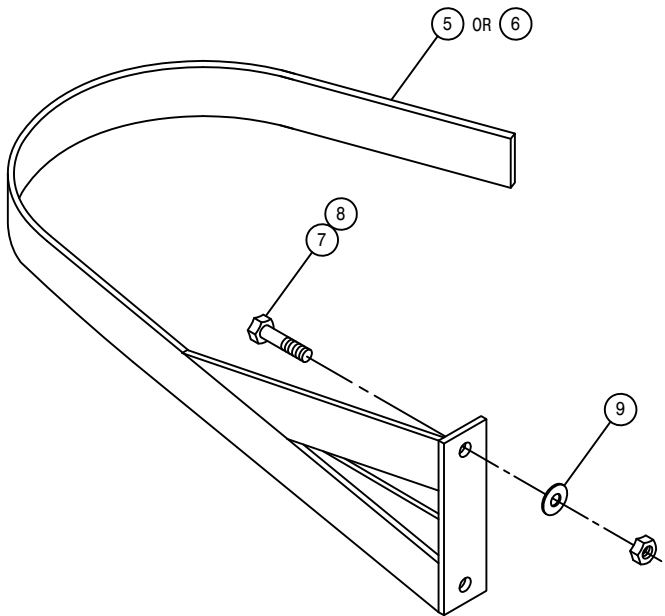
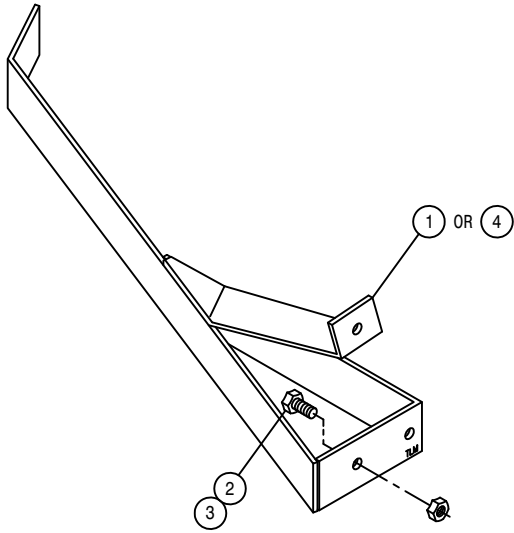
13.6R-28 RADIAL TIRE



12.4R-28 2* RADIAL TIRE

TIRE AND RIM ASSEMBLIES

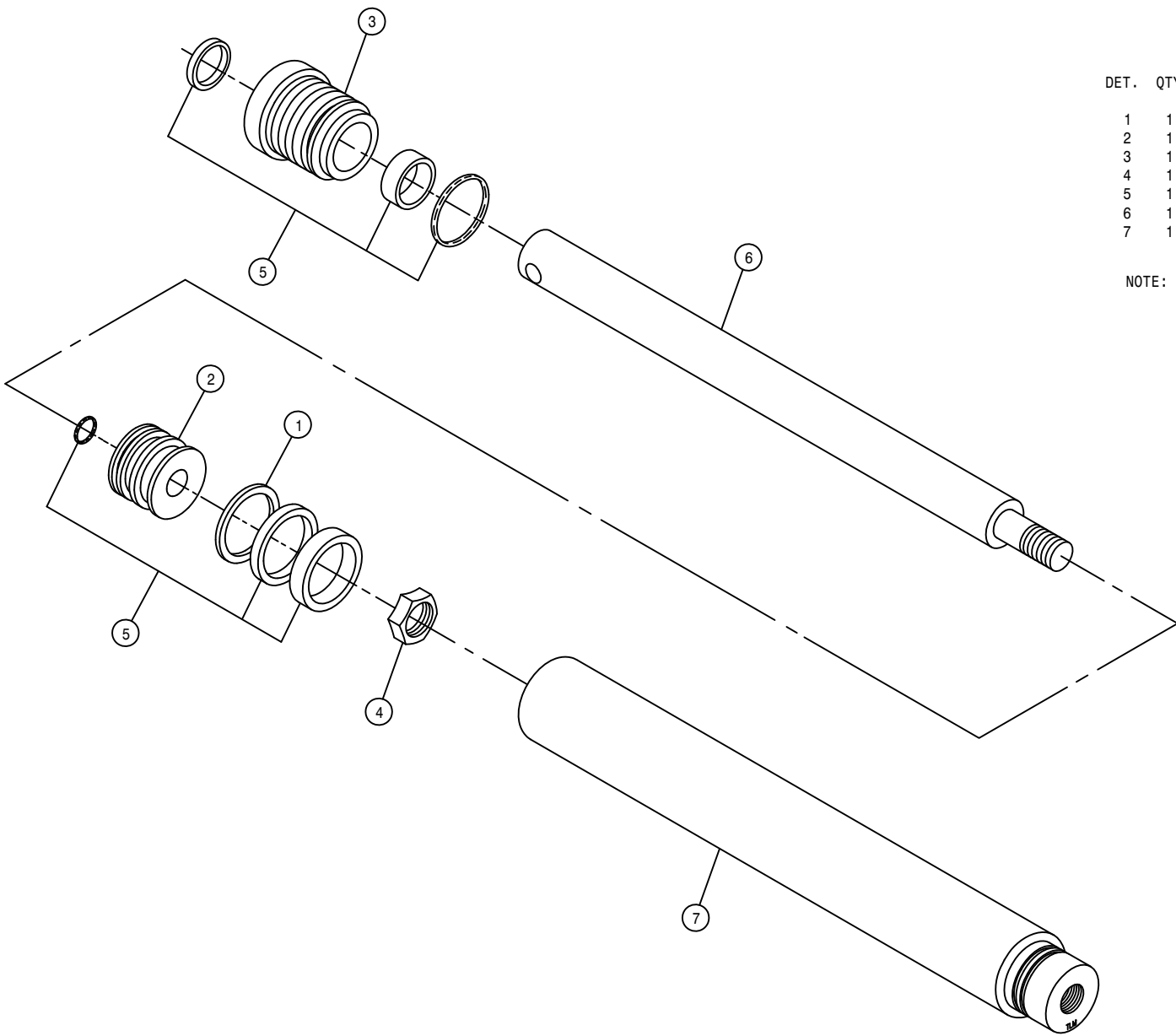
DET.	QTY	PART NO.	DESCRIPTION
1	1	821045	RIM WLD, W12 X 28 284 98
2	1	821047	RIM WLD, W10-28, 284 98
3	18	470140	5/8UNF HEX SMTH FLANGE NUT PLT



CROP GUIDES

DET. QTY PART NO. DESCRIPTION

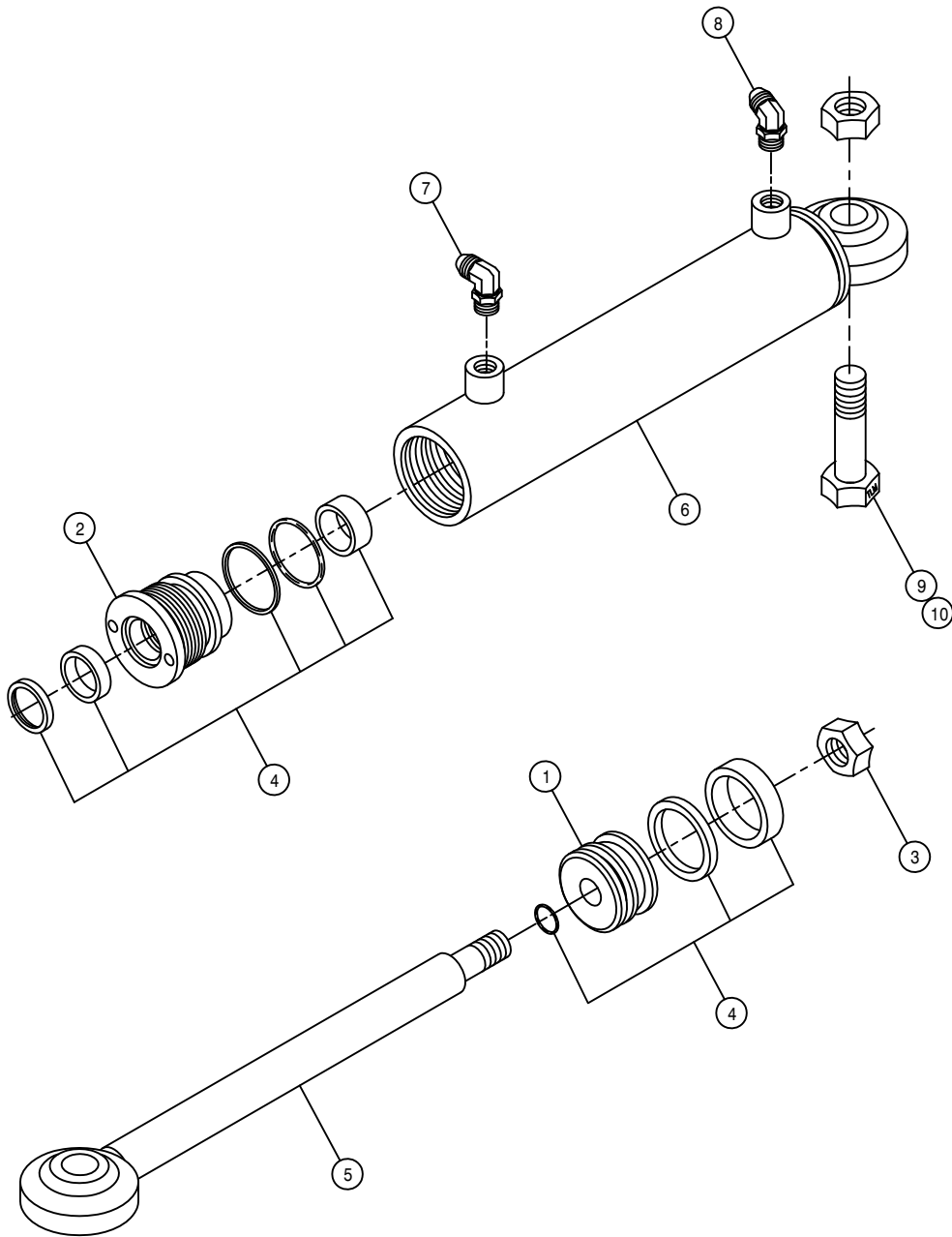
1	1	662217	RH REAR STALK GUIDE WLD280 89
2	2	900129	3/8UNC X 1" HEX BOLT
3	2	914004	3/8UNC HEX STOVER NUT
4	1	662218	LH REAR STALK GUIDE WLD280 89
5	1	662221	RH STALK GUIDE WLD 284 94
6	1	662222	LH STALK GUIDE WLD 284 94
7	2	900264	1/2UNC X 1 1/4 HEX BOLT
8	2	914008	1/2UNC HEX STOVER NUT
9	2	920004	1/2 SAE FLAT WASHER



FRONT LEG CYLINDER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	620753	STEEL PISTON RING,R-2.00-01
2	1	620754	PISTON, P-2.00-120
3	1	620756	HEAD, H-2.00-349
4	1	620757	NUT, N-0.75-02
5	1	620779	REPAIR KIT,HYD CYL,RK-2.00-801
6	1	620808	SHAFT,HYD LEG LEV CYL 620805
7	1	620809	BARREL,HYD LEG LEV CYL 620805

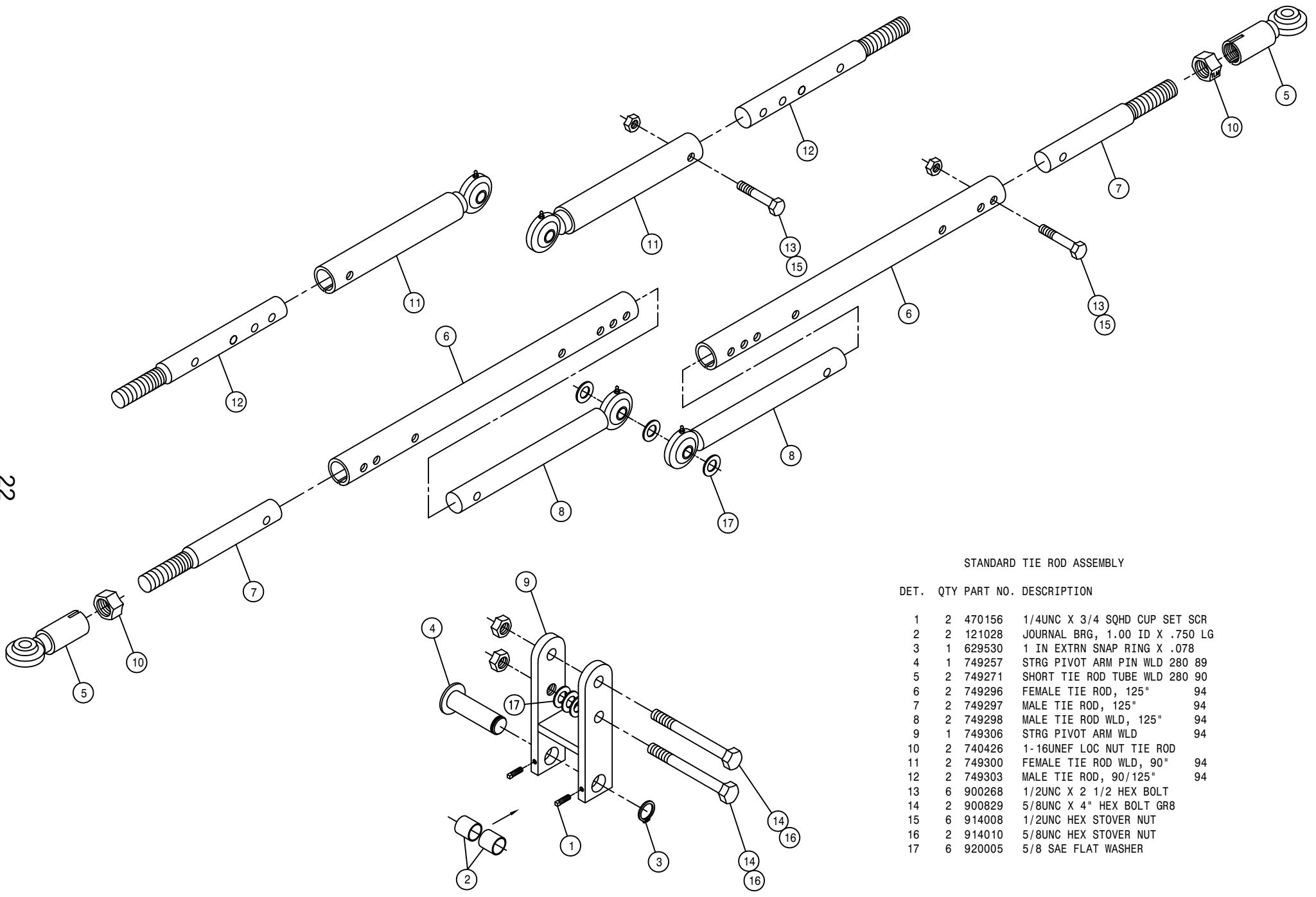
NOTE: 620805 - CYLINDER ASSEMBLY INCLUDES ITEMS 1-7



STEERING CYLINDER ASSEMBLY

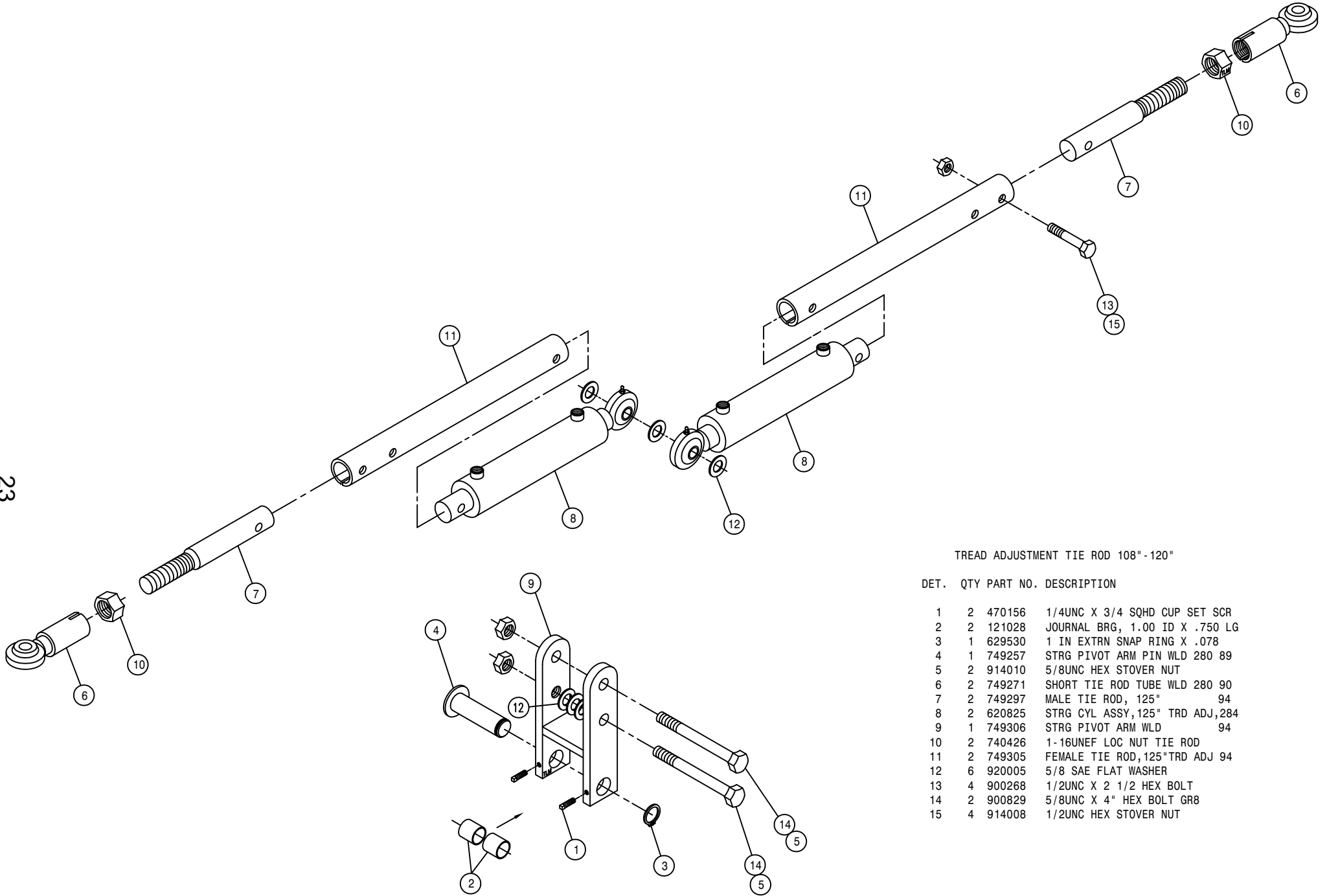
DET.	QTY	PART NO.	DESCRIPTION
	1	620750	PISTON, P-1.50-021
	1	620751	HEAD, H-1.50-330
	1	620752	NUT, N-0.50-01
	1	620777	REPAIR KIT, HYD CYL, RK-1.50-800
	1	620803	SHAFT WLD, STRG CYL 620800
	1	620804	BARREL WLD, STRG CYL 620800
	1	618119	9/16MJIC-90-9/16MOR LBO
	1	618425	9/16MJIC-45-9/16MOR LBO
	1	900336	5/8UNC X 2 1/2 HEX BOLT
	1	914010	5/8UNC HEX STOVER NUT

NOTE: 620800 - CYLINDER ASSEMBLY INCLUDES ITEMS 1-6
 621001 - CYLINDER ASSEMBLY WITH FITTINGS



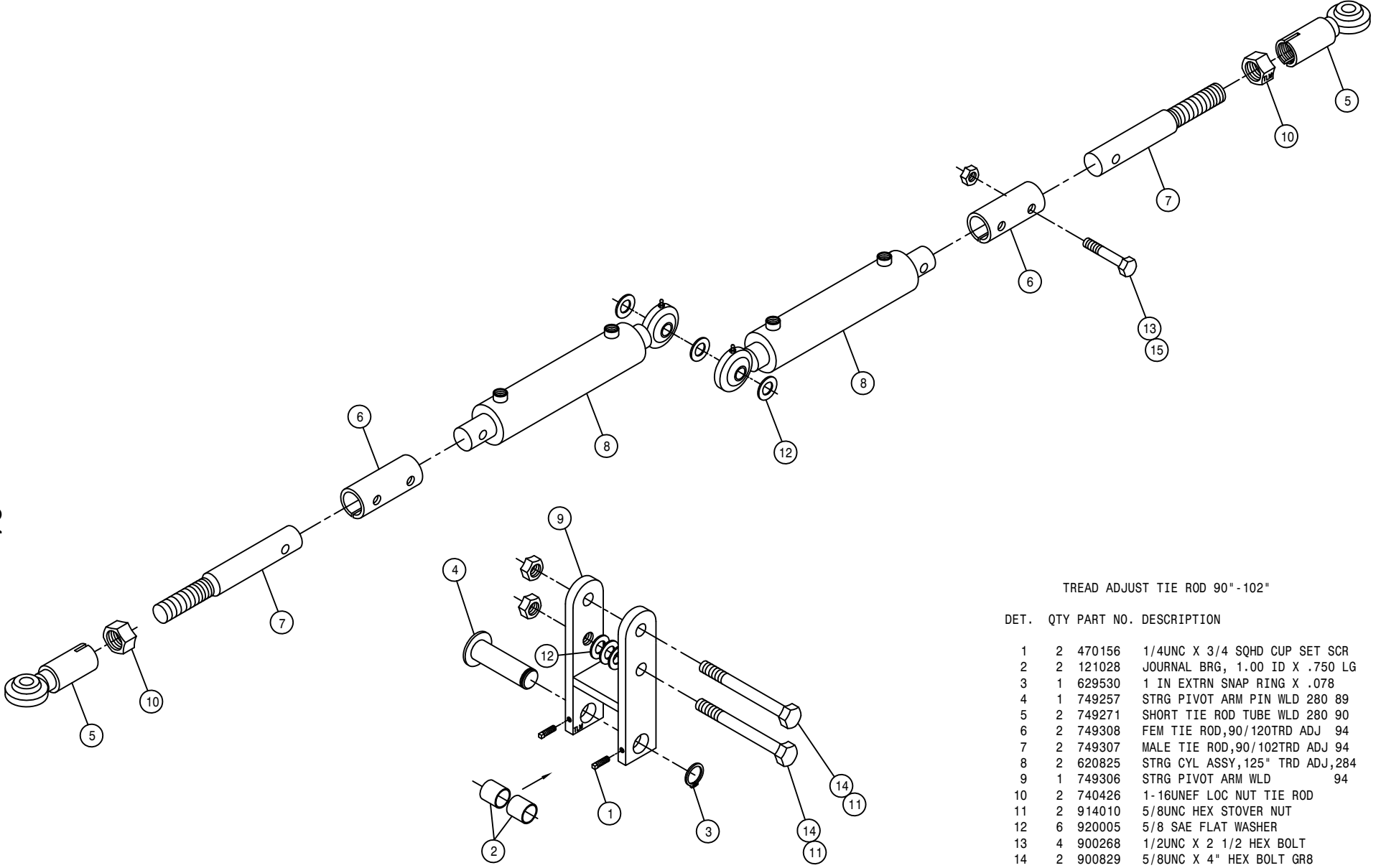
STANDARD TIE ROD ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	470156	1/4UNC X 3/4 SQHD CUP SET SCR
2	2	121028	JOURNAL BRG, 1.00 ID X .750 LG
3	1	629530	1 IN EXTRN SNAP RING X .078
4	1	749257	STRG PIVOT ARM PIN WLD 280 89
5	2	749271	SHORT TIE ROD TUBE WLD 280 90
6	2	749296	FEMALE TIE ROD, 125" 94
7	2	749297	MALE TIE ROD, 125" 94
8	2	749298	MALE TIE ROD WLD, 125" 94
9	1	749306	STRG PIVOT ARM WLD 94
10	2	740426	1-16UNEF LOC NUT TIE ROD
11	2	749300	FEMALE TIE ROD WLD, 90" 94
12	2	749303	MALE TIE ROD, 90/125" 94
13	6	900268	1/2UNC X 2 1/2 HEX BOLT
14	2	900829	5/8UNC X 4" HEX BOLT GR8
15	6	914008	1/2UNC HEX STOVER NUT
16	2	914010	5/8UNC HEX STOVER NUT
17	6	920005	5/8 SAE FLAT WASHER



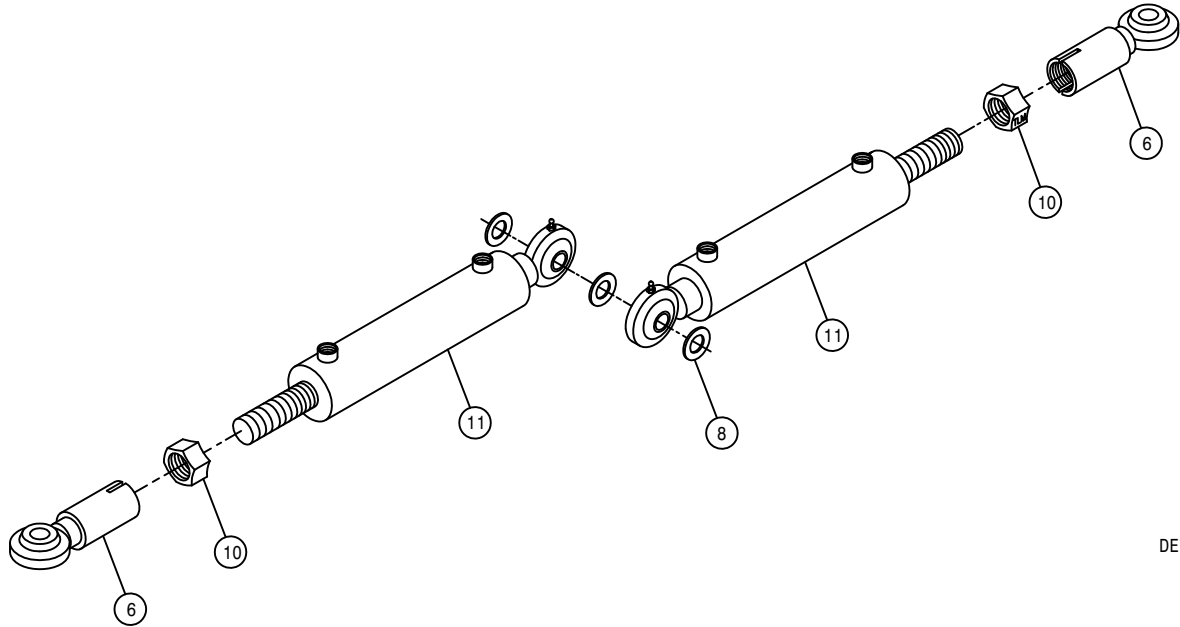
TREAD ADJUSTMENT TIE ROD 108"-120"

DET.	QTY	PART NO.	DESCRIPTION
	1	2 470156	1/4UNC X 3/4 SQHD CUP SET SCR
	2	2 121028	JOURNAL BRG, 1.00 ID X .750 LG
	3	1 629530	1 IN EXTRN SNAP RING X .078
	4	1 749257	STRG PIVOT ARM PIN WLD 280 89
	5	2 914010	5/8UNC HEX STOVER NUT
	6	2 749271	SHORT TIE ROD TUBE WLD 280 90
	7	2 749297	MALE TIE ROD, 125" 94
	8	2 620825	STRG CYL ASSY, 125" TRD ADJ, 284
	9	1 749306	STRG PIVOT ARM WLD 94
	10	2 740426	1-16UNEF LOC NUT TIE ROD
	11	2 749305	FEMALE TIE ROD, 125" TRD ADJ 94
	12	6 920005	5/8 SAE FLAT WASHER
	13	4 900268	1/2UNC X 2 1/2 HEX BOLT
	14	2 900829	5/8UNC X 4" HEX BOLT GR8
	15	4 914008	1/2UNC HEX STOVER NUT



TREAD ADJUST TIE ROD 90"-102"

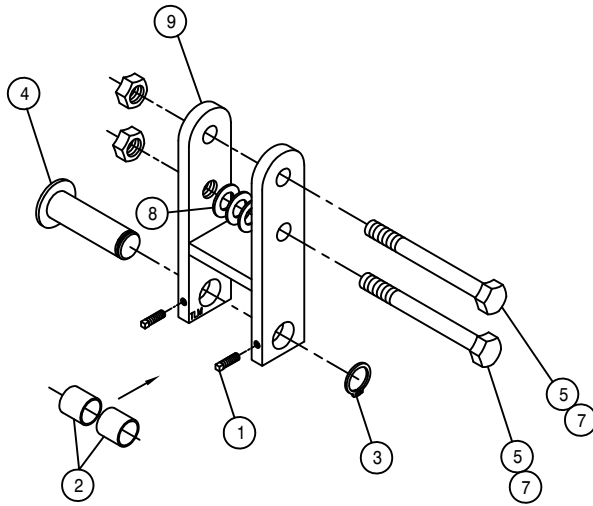
DET.	QTY	PART NO.	DESCRIPTION
	1	2	470156 1/4UNC X 3/4 SQHD CUP SET SCR
	2	2	121028 JOURNAL BRG, 1.00 ID X .750 LG
	3	1	629530 1 IN EXTRN SNAP RING X .078
	4	1	749257 STRG PIVOT ARM PIN WLD 280 89
	5	2	749271 SHORT TIE ROD TUBE WLD 280 90
	6	2	749308 FEM TIE ROD,90/120TRD ADJ 94
	7	2	749307 MALE TIE ROD,90/102TRD ADJ 94
	8	2	620825 STRG CYL ASSY,125" TRD ADJ,284
	9	1	749306 STRG PIVOT ARM WLD 94
	10	2	740426 1-16UNEF LOG NUT TIE ROD
	11	2	914010 5/8UNC HEX STOVER NUT
	12	6	920005 5/8 SAE FLAT WASHER
	13	4	900268 1/2UNC X 2 1/2 HEX BOLT
	14	2	900829 5/8UNC X 4" HEX BOLT GR8
	15	4	914008 1/2UNC HEX STOVER NUT



TREAD ADJUST TIE ROD 78" -90"

DET. QTY PART NO. DESCRIPTION

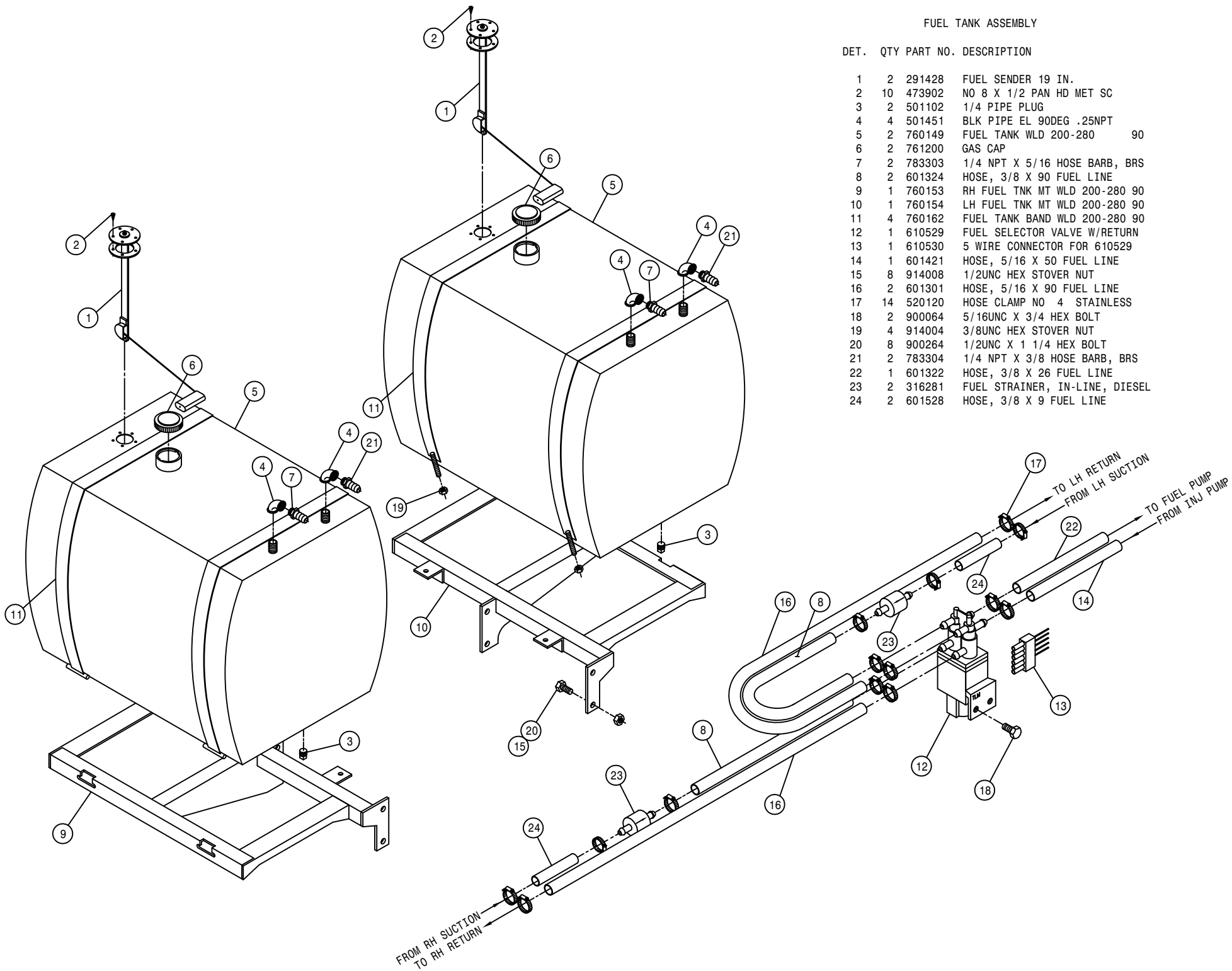
1	2	470156	1/4UNC X 3/4 SQHD CUP SET SCR
2	2	121028	JOURNAL BRG, 1.00 ID X .750 LG
3	1	629530	1 IN EXTRN SNAP RING X .078
4	1	749257	STRG PIVOT ARM PIN WLD 280 89
5	2	900829	5/8UNC X 4" HEX BOLT GR8
6	2	749271	SHORT TIE ROD TUBE WLD 280 90
7	2	914010	5/8UNC HEX STOVER NUT
8	6	920005	5/8 SAE FLAT WASHER
9	1	749306	STRG PIVOT ARM WLD 94
10	2	740426	1-16UNEF LOC NUT TIE ROD
11	2	620820	STRG CYL ASSY, 90" TRD ADJ,284

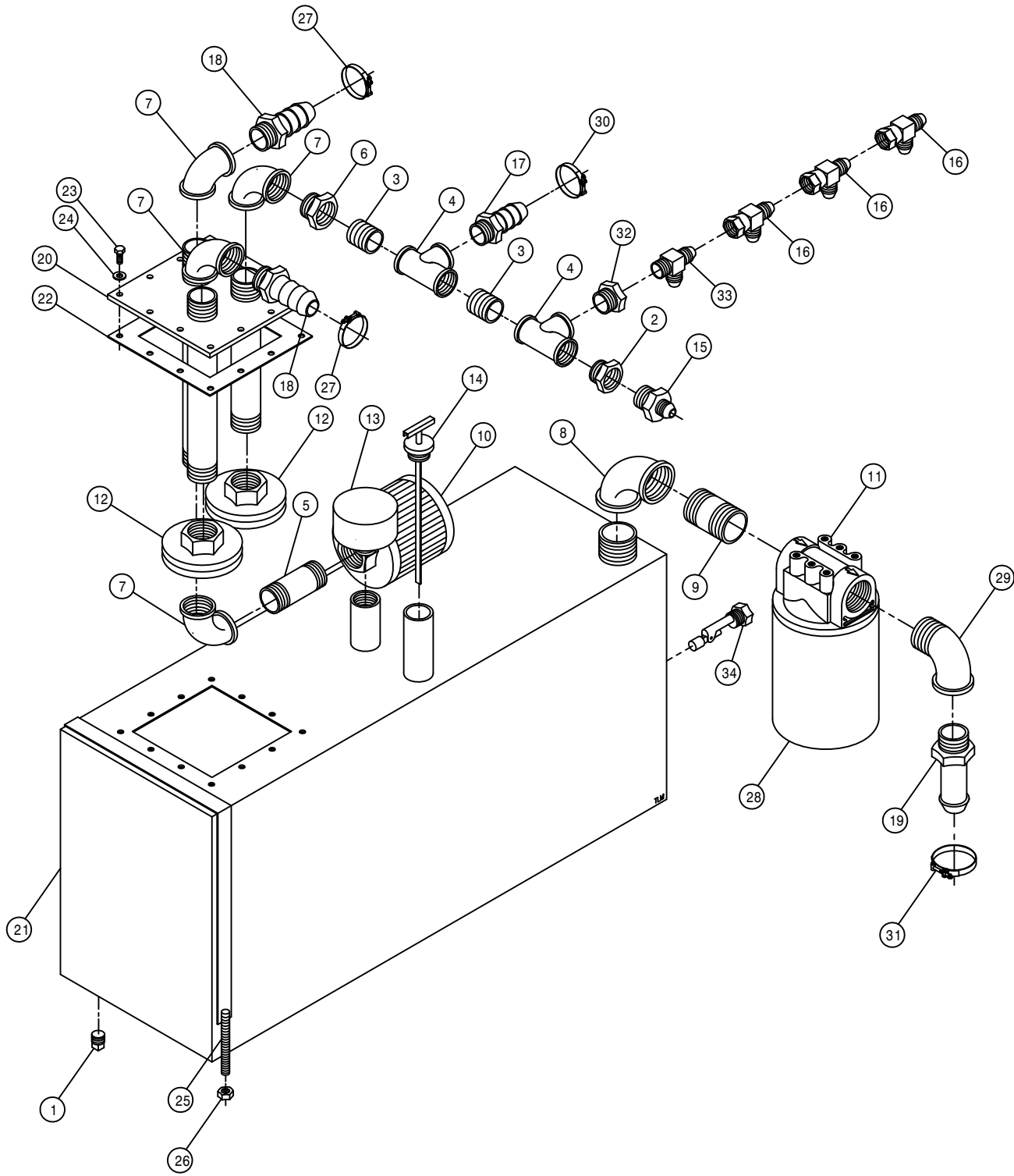


FUEL TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	2	291428	FUEL SENDER 19 IN.	
2	10	473902	NO 8 X 1/2 PAN HD MET SC	
3	2	501102	1/4 PIPE PLUG	
4	4	501451	BLK PIPE EL 90DEG .25NPT	
5	2	760149	FUEL TANK WLD 200-280	90
6	2	761200	GAS CAP	
7	2	783303	1/4 NPT X 5/16 HOSE BARB, BRS	
8	2	601324	HOSE, 3/8 X 90 FUEL LINE	
9	1	760153	RH FUEL TNK MT WLD 200-280	90
10	1	760154	LH FUEL TNK MT WLD 200-280	90
11	4	760162	FUEL TANK BAND WLD 200-280	90
12	1	610529	FUEL SELECTOR VALVE W/RETURN	
13	1	610530	5 WIRE CONNECTOR FOR 610529	
14	1	601421	HOSE, 5/16 X 50 FUEL LINE	
15	8	914008	1/2UNC HEX STOVER NUT	
16	2	601301	HOSE, 5/16 X 90 FUEL LINE	
17	14	520120	HOSE CLAMP NO 4 STAINLESS	
18	2	900064	5/16UNC X 3/4 HEX BOLT	
19	4	914004	3/8UNC HEX STOVER NUT	
20	8	900264	1/2UNC X 1 1/4 HEX BOLT	
21	2	783304	1/4 NPT X 3/8 HOSE BARB, BRS	
22	1	601322	HOSE, 3/8 X 26 FUEL LINE	
23	2	316281	FUEL STRAINER, IN-LINE, DIESEL	
24	2	601528	HOSE, 3/8 X 9 FUEL LINE	





HYDRAULIC TANK ASSEMBLY

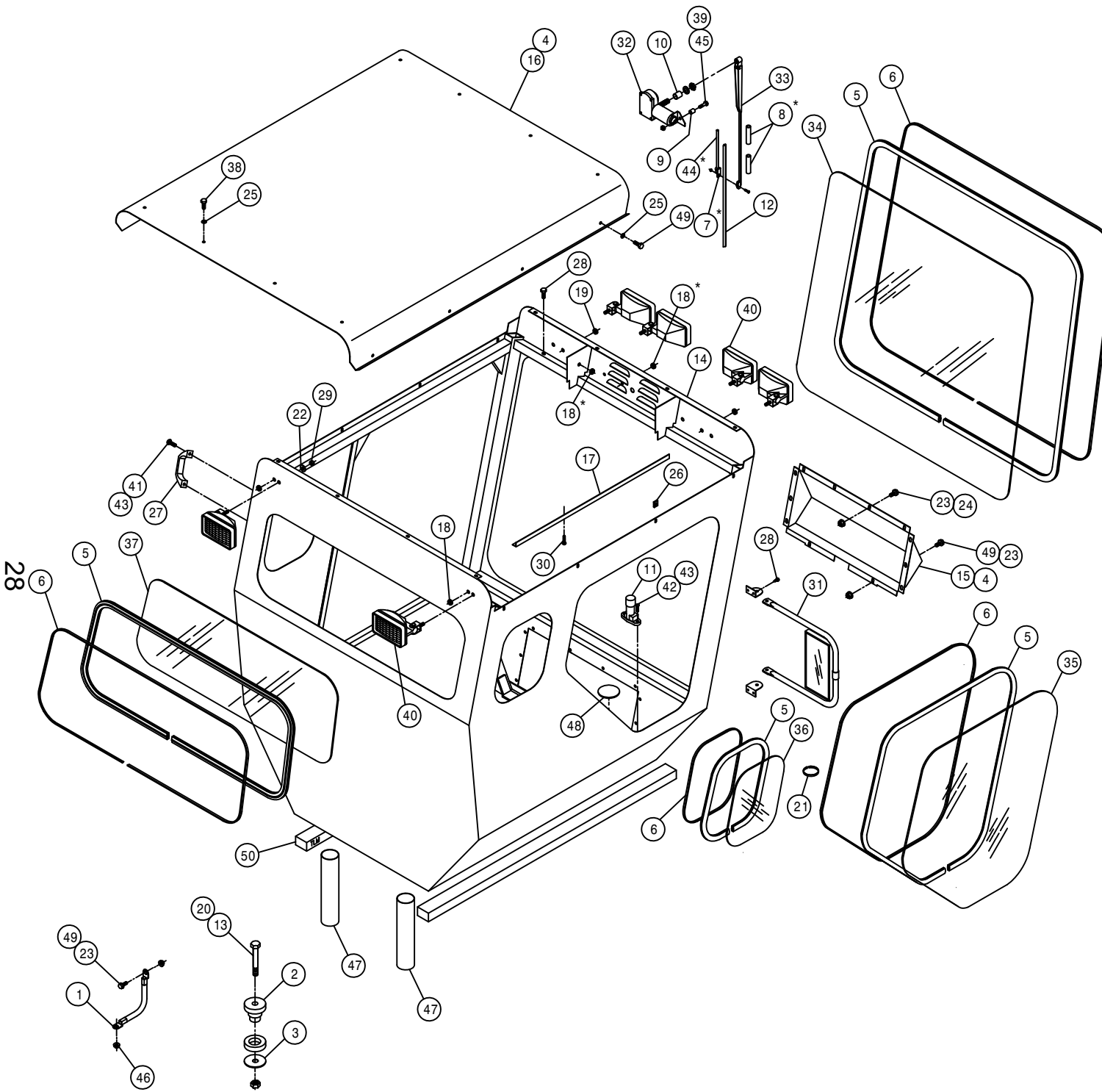
DET.	QTY	PART NO.	DESCRIPTION
	1	470308	1/2MNPT DRAIN PLUG,AL HD,MAG
	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
	2	504702	CLOSE NIPPLE .75NPT
	4	504955	BLK PIPE TEE .75NPT
	5	505203	BLK PIPE NIPPLE 1.00NPT-4.00
	6	505213	RED BUSH 1 X 3/4 BLK MAL
	7	505300	BLK PIPE EL 90DEG 1.00NPT
	8	506303	BLK PIPE EL 90DEG 1.25NPT
	9	506602	PIPE NIPPLE 1 1/4NPT-2 1/2
	10	605600	TANK FILTER, 100 MESH,1"FNPT
	11	605601	PARKER FILTER ASSY,10M,1.25NPT
	12	605603	LINE SUMP DIFFUSER
	13	611052	FILLER BREATHER 3/4NPT
	14	614453	DIPSTICK, 8IN
	15	618018	9/16MJIC-1/2MNPT ADPTR
	16	618486	9/16FJIC SW RUN TEE-9/16MJIC
	17	713220	HOSE BARB 3/4 NPT X 3/4
	18	714560	1NPT X 1 HOSE BARB
	19	715660	HOSE BARB 1 1/4NPT X 1 1/4
	20	760090	RECEIVER PLT WLD 8240
	21	760264	HYD TANK WLD,204/254/284 2002
	22	763039	HYD MTR MTG PLT GSKT
	23	900064	5/16UNC X 3/4 HEX BOLT
	24	920001	5/16 SAE FLAT WASHER
	25	341360	OIL TANK STRAP WLD 8240 1982
	26	914004	3/8UNC HEX STOVER NUT
	27	520138	1.38/1.56 T-BOLT HOSE CLAMP
	28	605602	PARKER FILTER ELEMENT,10MICRON
	29	506410	BLK PIPE ST EL 90DEG 1.25NPT
	30	520137	1.12/1.25 T-BOLT HOSE CLAMP
	31	520132	1.62/1.87 T-BOLT HOSE CLAMP SS
	32	504001	RED BUSH 3/4 X 1/4 BLK MAL
	33	618520	1/4MNPT RUN TEE-9/16MJIC
	34	470350	LIQUID LEVEL SWITCH ASSY,1/2NP

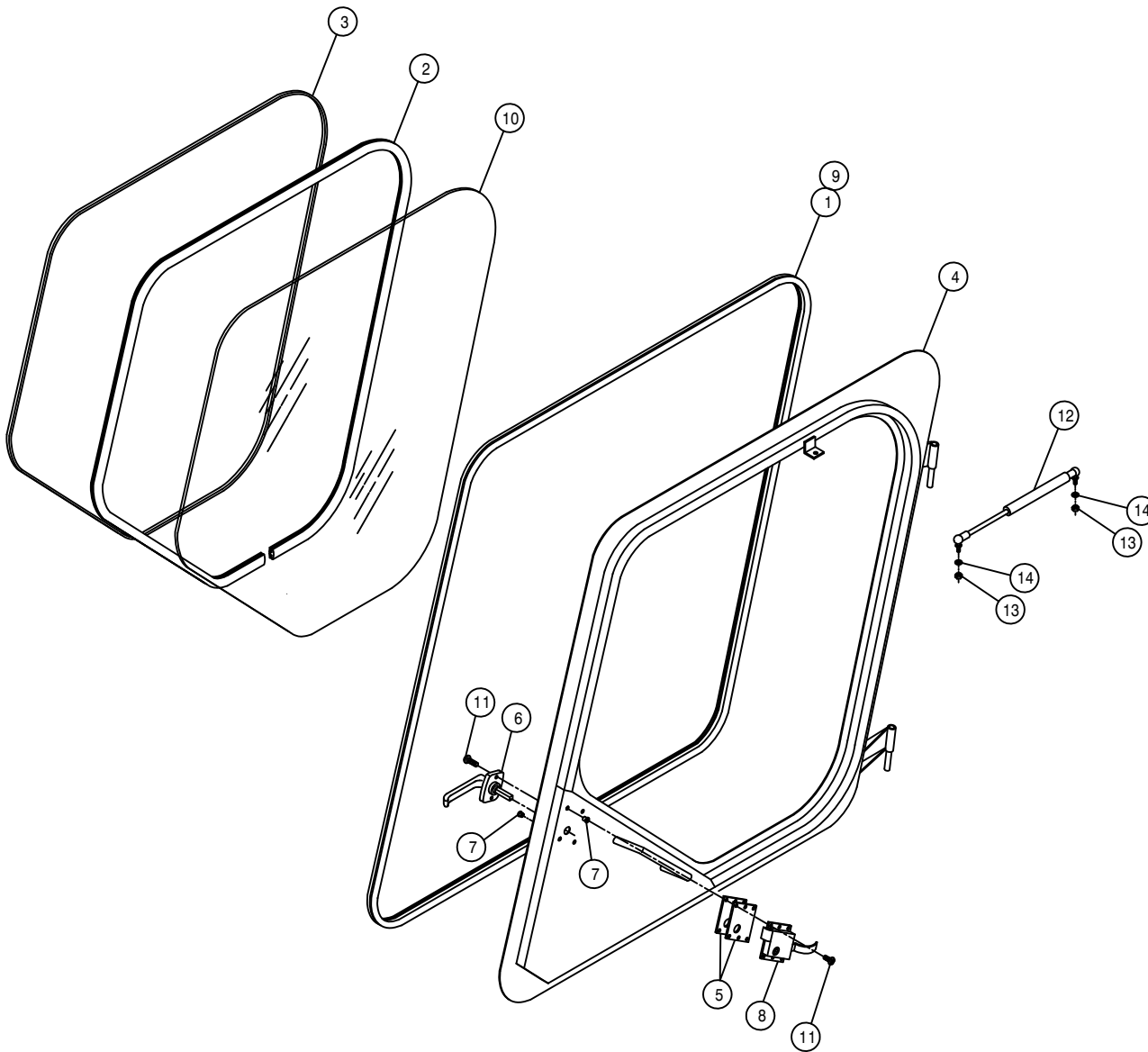
CAB ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	290107	GROUND CABLE,8" X 4GA .406LUGS
2	4	311051	RUBBER MOUNT, RB3-350
3	4	311052	SNUBBING WASHER FOR 311051
4	24	193037	STICKERTITE 1/8 X 3/4
5	42	193044	WINDOW WEATHERSTRIP
6	42	193045	LOCK STRIP FOR 193044
7	1	290003	WINDSHIELD WASHER NOZZLE KIT
8	1	291569	3/8 X 6" HEAT SHRINK TUBE
9	1	200019	.25 SCH 40BP X 1.00 LG C/L
10	1	202037	WINDSHIELD WIPER SPACER
11	1	290412	DIMMER SWITCH
12	1	290417	18" WIPER BLADE
13	4	900343	5/8UNC X 4 1/2 HEX BOLT
14	1	342330	CAB WELDMT, 284 97
15	1	342146	KICK PANEL WLD, 284 CAB 94
16	1	342150	CAB ROOF WLD, 284 94
17	1	342180	HEADLINER KPR ANGLE,284CAB 94
18	4	470067	GROMMET, .250ID .125GW .375GD
19	2	470070	GROMMET, .375ID .062GW .500GD
20	4	914010	5/8UNC HEX STOVER NUT
21	1	470229	IDENTIFICATION TIE, WHITE
22	6	470100	3/8 INT TOOTH LOCK WASHER
23	13	470121	1/4UNC HEX FLANGE LOCK NUT
24	10	470122	1/4UNC X 1/2 FLANGE HEX BOLT
25	16	470212	1/4 X 5/8 BONDED SEALING WASH
26	16	470218	1/4UNC NUT J-TYPE CAGE CLIP
27	1	470222	GRAB HANDLE, BLACK MOULDED
28	12	472349	1/4 X 3/4 20THD-IN TEK TYPE
29	6	473779	10MM-1.50 HEX NUT
30	2	473910	1/4 X 1 1/2 PHIL HD SHT MTL S
31	2	650524	OUTSIDE MIRROR W/MTG BRKT
32	1	658008	WINDSHIELD WIPER MOTOR
33	1	658013	WIPER ARM
34	1	658014	FRONT CAB GLASS 94
35	1	658015	FRONT SIDE CAB/DOOR GLASS 94
36	2	658016	REAR SIDE CAB GLASS 94
37	1	658017	REAR CAB GLASS 94
38	8	900002	1/4UNC X 3/4 HEX BOLT
39	1	900005	1/4UNC X 1 1/2 HEX BOLT
40	6	291603	HALOGEN WORKLAMP, SIDE MT 12V
41	2	903883	10-32 X 1/2 SLT RDHD MACH SCR
42	2	903889	10-32 X 3/4 SLT RDHD MACH SCR
43	4	470175	10-32 HEX FLANGE LOCK NUT
44	14	195913	1/8 WINDSHIELD WASHER HOSE
45	1	914000	1/4UNC HEX STOVER NUT
46	1	914004	3/8UNC HEX STOVER NUT
47	2	342333	NYL HOSE SLEEVE,2.64ID X 12.00
48	1	629728	FINISH PLUG FOR 2.12 HOLE
49	11	470118	1/4UNC X 3/4 FLANGE HEX BOLT
50	2	659704	FOAM, 2"THK X 2" WIDE X 42"LG

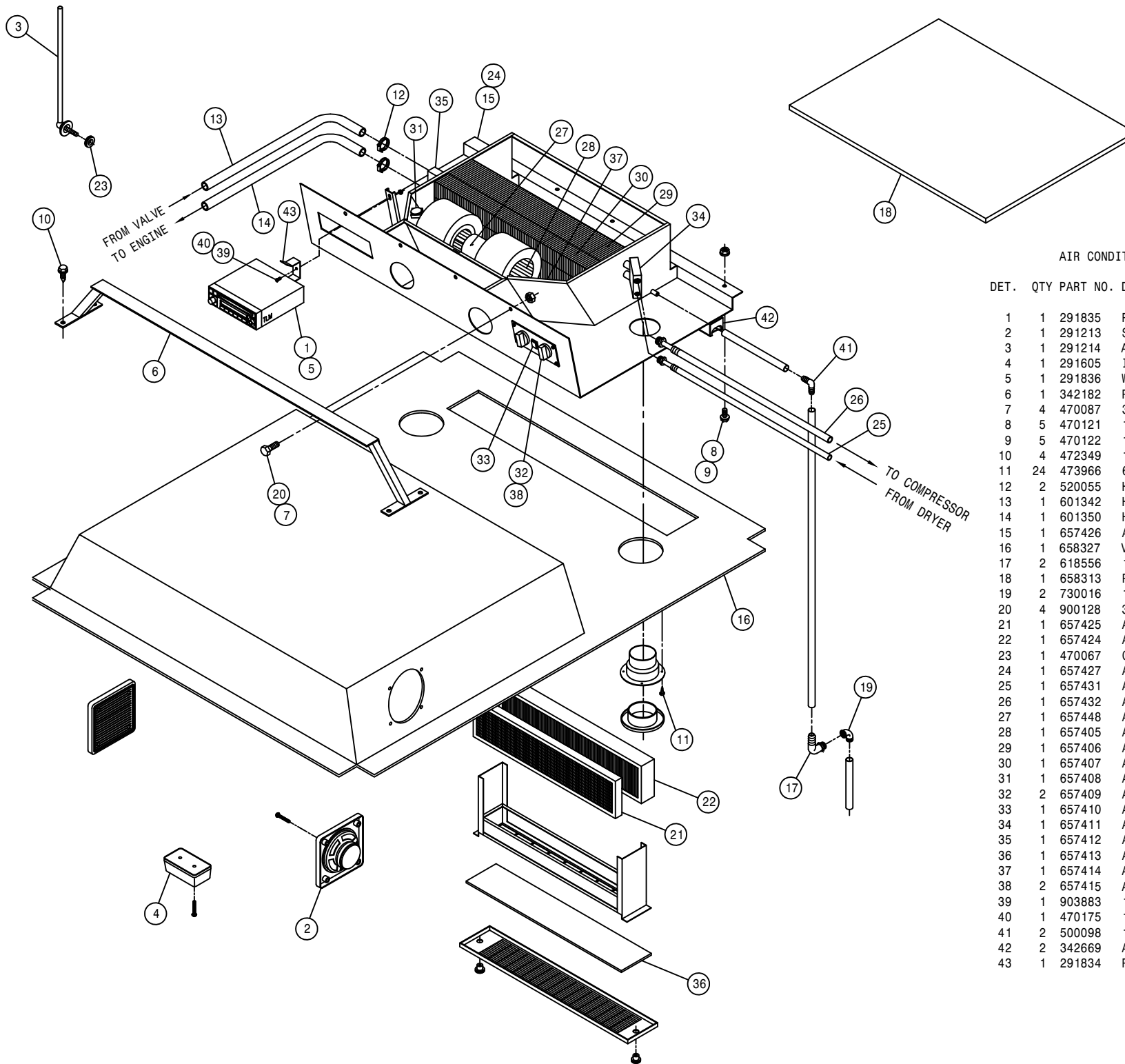
*NOTE: DETAILS 7,8,18 AND 44 ARE USED WITH THE WINDSHIELD WASHER OPTION.





DOOR ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	12	193028	PUSH-ON TRIM SEAL RS-130-FX
2	9	193044	WINDOW WEATHERSTRIP
3	9	193045	LOCK STRIP FOR 193044
4	1	342153	LH DOOR WLD, 284 CAB 94
5	2	342163	CAB DOOR LATCH SHIM, .06 94
6	1	342217	DOOR HANDLE, 254/284 CAB 94
7	6	470165	10-32 NUTSERT .020-.100 MATL
8	1	470219	CAB LOCK, LH #55
9	2	485052	POP RIVET 1/8 X 3/8
10	1	658015	FRONT SIDE CAB/DOOR GLASS 94
11	6	903710	10-32X5/8 PHIL PANHD MACH SCR
12	1	470221	GAS SPRING, 60LB 3.5 STROKE
13	2	910002	5/16UNC HEX NUT
14	2	920501	5/16 LOCK WASHER

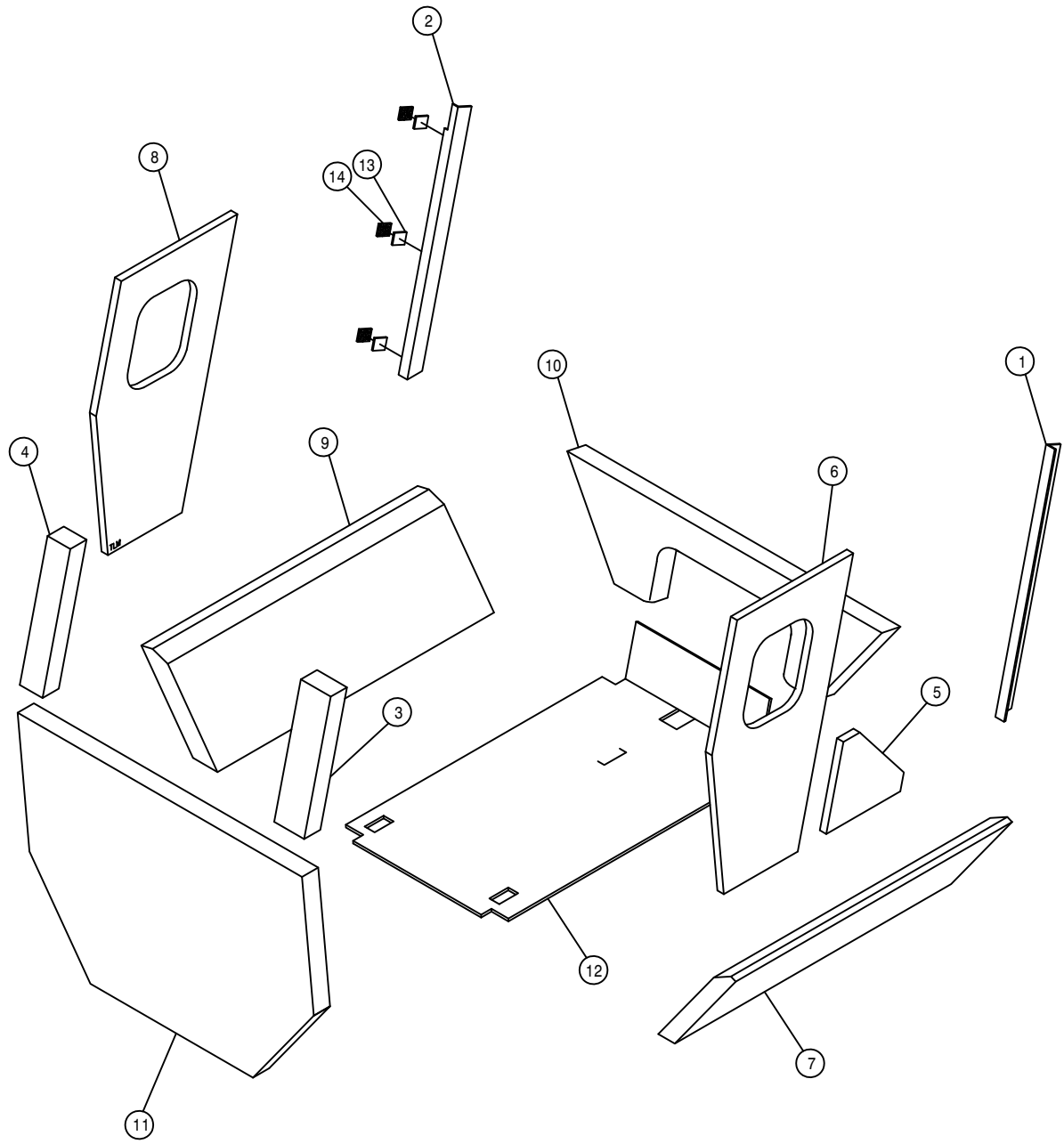


AIR CONDITIONER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	291835	RADIO, AM/FM/CD/WB CRC-5320
	2	291213	SPEAKERS (PAIR)
	3	291214	ANTENNA
	4	291605	INTERIOR LIGHT W/SWITCH
	5	291836	WIRE HARNESS FOR 291835 RADIO
	6	342182	REAR A/C BLOWER MT WLD,CAB 94
	7	470087	3/8UNC HEX FLANGE LOCK NUT
	8	470121	1/4UNC HEX FLANGE LOCK NUT
	9	470122	1/4UNC X 1/2 FLANGE HEX BOLT
	10	472349	1/4 X 3/4 20THD-IN TEK TYPE
	11	473966	6X3/4 PHIL FLT HD SHT MTL SCR
	12	520055	HOSE CLAMP NO 12 STAINLESS
	13	601342	HOSE, 5/8 X 192 HEATER
	14	601350	HOSE, 5/8 X 160 HEATER
	15	657426	A/C EVAPORATOR/HEATER, 284
	16	658327	VINYL HEAD LINER 99
	17	618556	1/4NPT-90-1/2 HOSE BARB,POLY
	18	658313	ROOF SEAL,AIR COND 204,254,284
	19	730016	1/4NPT ST EL, 90 DEG POLY
	20	900128	3/8UNC X 3/4 HEX BOLT
	21	657425	A/C CHARCOAL AIR FILTER
	22	657424	A/C AIR FILTER
	23	470067	GROMMET, .250ID .125GW .375GD
	24	657427	A/C HOSE KIT, EVAP 284, 99
	25	657431	A/C HOSE ASSY, 5/16 X 173
	26	657432	A/C HOSE ASSY, 1/2 X 190.
	27	657448	A/C BLOWER ASSY, 12V KENWAY
	28	657405	A/C BLOWER WHEEL W/CLIP
	29	657406	A/C EVAPORATOR COIL
	30	657407	A/C HEATER COIL
	31	657408	A/C THERMOSTAT
	32	657409	A/C CONTROL KNOB
	33	657410	A/C SWITCH, PUSH ON-OFF
	34	657411	A/C EXPANSION VALVE
	35	657412	A/C HEATER VALVE,4-WAY MTRIZED
	36	657413	A/C FILTER, RECIRCULATION
	37	657414	A/C BLOWER DRIVE ASSY
	38	657415	A/C POTENTIOMETER ASSY
	39	903883	10-32 X 1/2 SLT RDHD MACH SCR
	40	470175	10-32 HEX FLANGE LOCK NUT
	41	500098	1/2HB-90-1/2 HOSE BARB, POLY
	42	342669	A/C DRAIN HOSE KEEPER
	43	291834	RADIO SUPPORT BRKT

30

262030



CAB FOAM

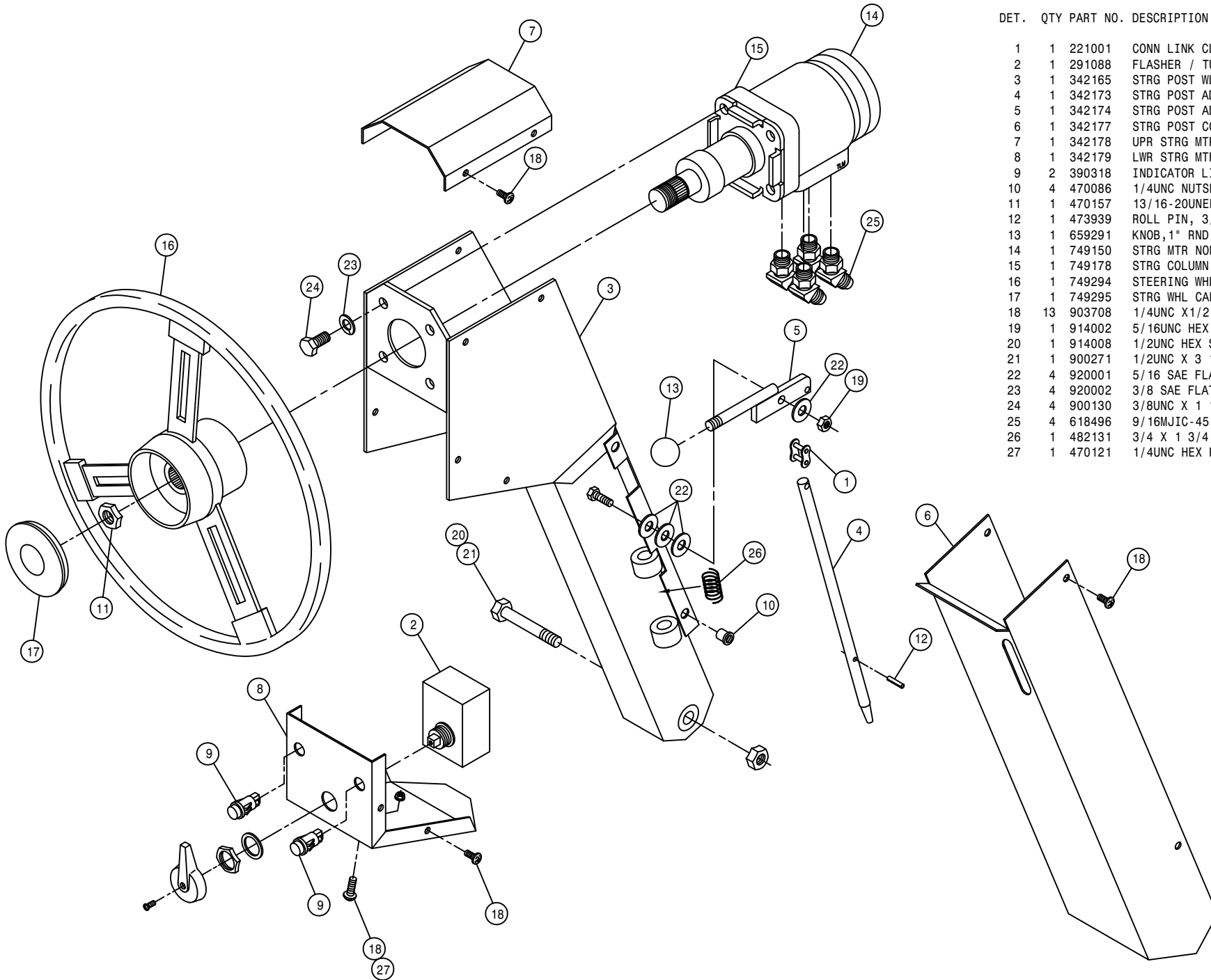
DET. QTY PART NO. DESCRIPTION

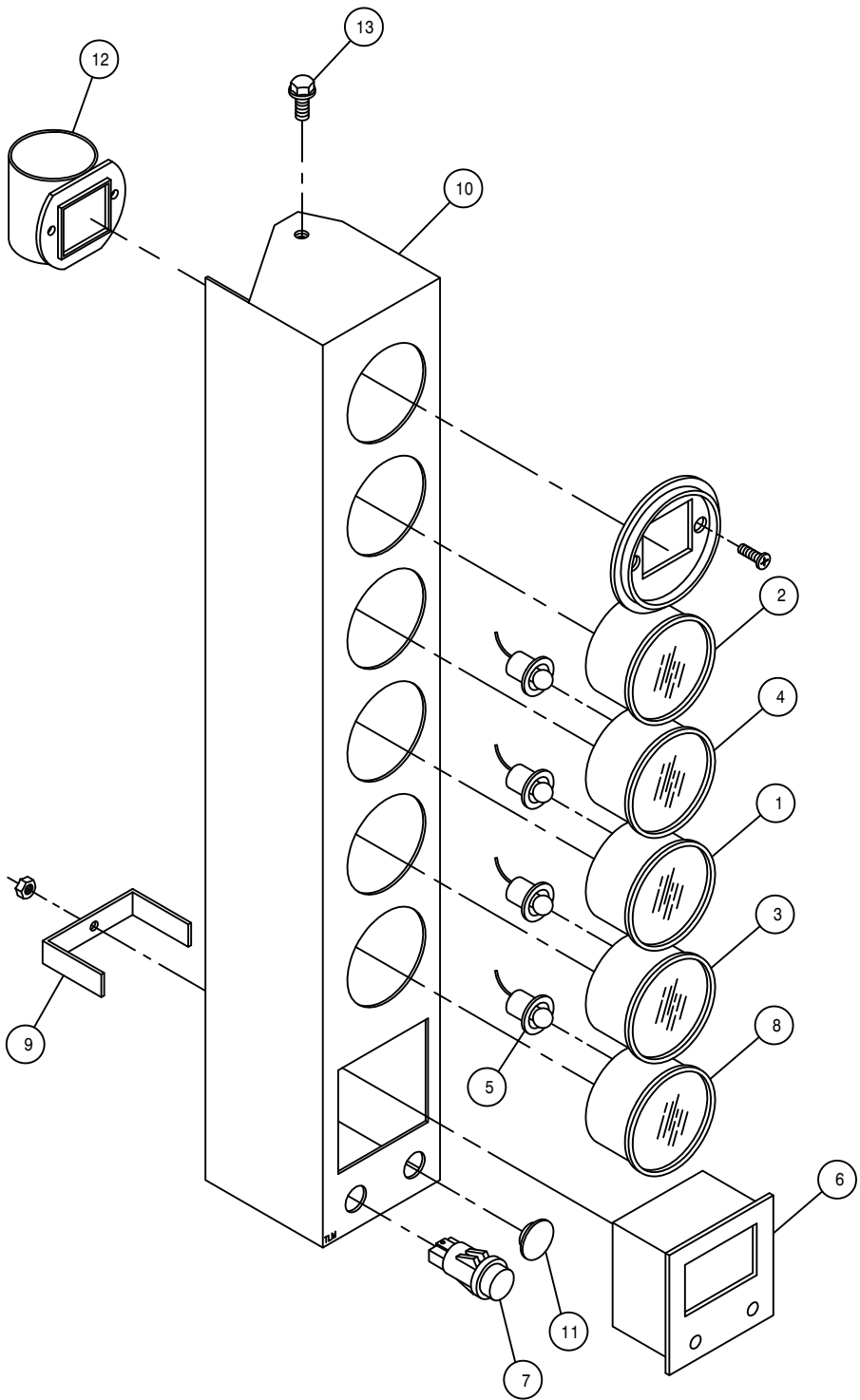
1	1	658301	VINYL POST COVER, RH FRONT 94
2	1	658302	VINYL POST COVER, LH FRONT 94
3	1	658303	VINYL POST COVER, RH REAR 94
4	1	658304	VINYL POST COVER, LH REAR 94
5	1	658305	VINYL SIDE PANEL, RH 94
6	1	658306	VINYL SIDE PANEL, RH UPPER 94
7	1	658307	VINYL SIDE PANEL, RH LOWER 94
8	1	658308	VINYL SIDE PANEL, LH UPPER 94
9	1	658309	VINYL SIDE PANEL, LH LOWER 94
10	1	658310	VINYL FRONT COVER PANEL 94
11	1	658311	VINYL REAR COVER PANEL 94
12	1	658316	CAB FLOORMAT, 284 97
13	3	471101	DUAL LOCK, 1.00 X 1.00 SJ3542
14	3	471100	DUAL LOCK, 1.00 X 1.00 SJ3541

STEERING POST ASSEMBLY

DET. QTY PART NO. DESCRIPTION

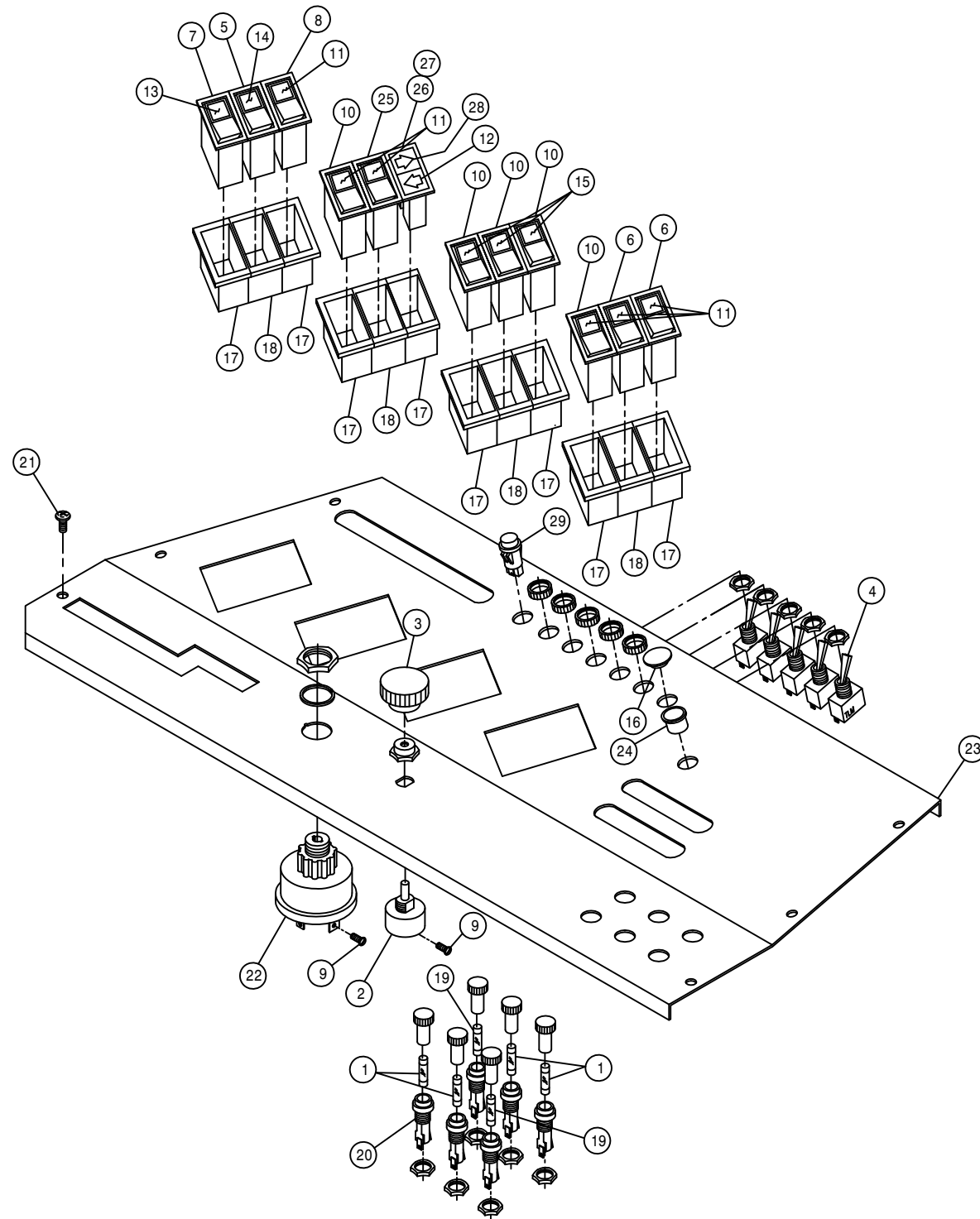
DET.	QTY	PART NO.	DESCRIPTION
1	1	221001	CONN LINK CLIP TYPE RC50
2	1	291088	FLASHER / TURN SIGNAL SWITCH
3	1	342165	STRG POST WLD, 284 CAB 94
4	1	342173	STRG POST ADJ PIN, 284 CAB 94
5	1	342174	STRG POST ADJ PIN LEVER WLD94
6	1	342177	STRG POST COVER, 284 CAB 94
7	1	342178	UPR STRG MTR HSNQ COVER 94
8	1	342179	LWR STRG MTR HSNQ COVER 94
9	2	390318	INDICATOR LIGHT, RED
10	4	470086	1/4UNC NUTSERT .020-.100MATL
11	1	470157	13/16-20UNEF HEX NUT STRG WHL
12	1	473939	ROLL PIN, 3/16DIA X 7/8
13	1	659291	KNOB, 1" RND, BLK, 3/8-16
14	1	749150	STRG MTR NON-LOAD REACT 1008
15	1	749178	STRG COLUMN 2.5IN LONG
16	1	749294	STEERING WHEEL, VIP 14"
17	1	749295	STRG WHL CAP W/HAGIE EMBLEM
18	13	903708	1/4UNC X1/2 PHIL PNHD MACHSCR
19	1	914002	5/16UNC HEX STOVER NUT
20	1	914008	1/2UNC HEX STOVER NUT
21	1	900271	1/2UNC X 3 1/4 HEX BOLT
22	4	920001	5/16 SAE FLAT WASHER
23	4	920002	3/8 SAE FLAT WASHER
24	4	900130	3/8UNC X 1 1/4 HEX BOLT
25	4	618496	9/16MJIC-45-3/4MOR LBO
26	1	482131	3/4 X 1 3/4 COMPRSN SPRING
27	1	470121	1/4UNC HEX FLANGE LOCK NUT





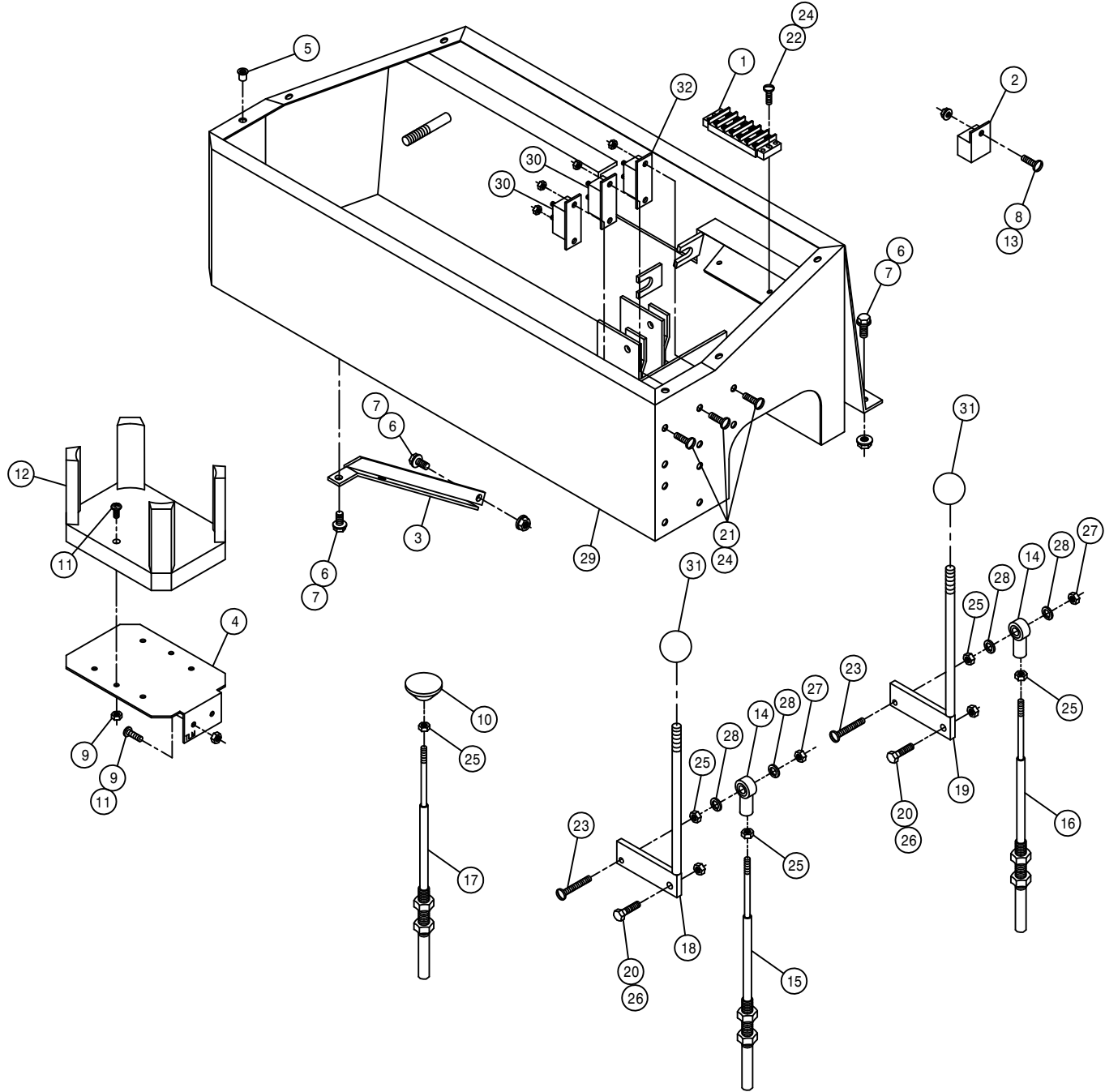
INSTRUMENT PANEL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	290401	FUEL GAUGE FOR 2.125 DIA HOLE
2	1	291203	HOUR METER, 12/24VDC BLACK BEZ
3	1	291673	OIL PRESS GAUGE, 125PSI
4	1	291611	VOLTMETER, 8V TO 18V DC
5	4	291612	LIGHT KIT FOR 2" GAUGE
6	1	291635	DIGITAL MPH/RPM INDICATOR
7	1	291638	INDICATOR LIGHT, GREEN
8	1	314436	TEMP GA 100-280 DEG LIGHTED
9	1	342068	DIGITAL MPH/RPM IND KEEPER 94
10	1	342186	INSTRU HSG WLD, 284 CAB 94
11	1	658174	RUBBER BUMPER, 1.0000D .500GD
12	1	314901	FILTER MINDER AIR RESTRICT GA
13	2	470122	1/4UNC X 1/2 FLANGE HEX BOLT



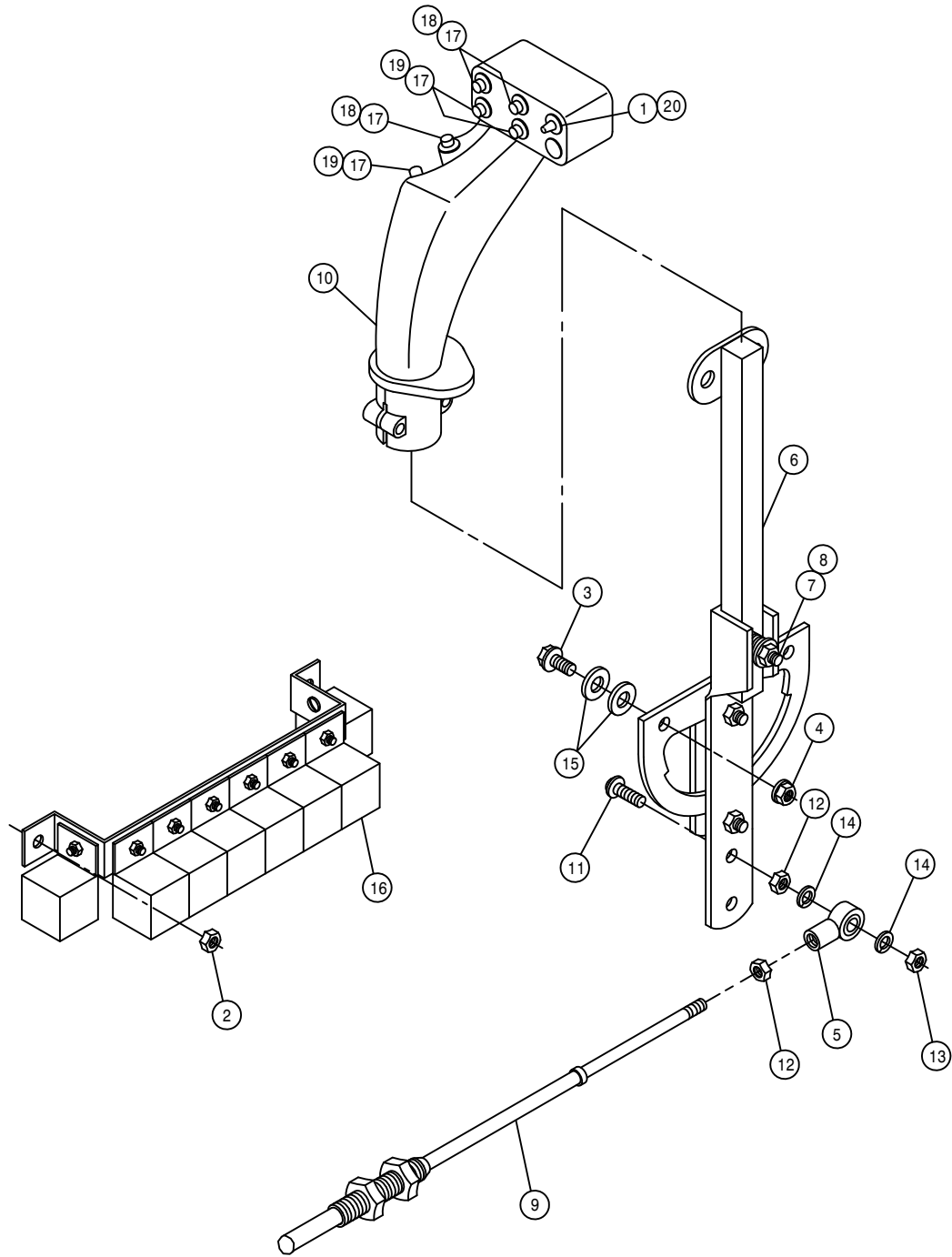
CONSOLE PANEL ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	4	291602	FUSE 10 AMP
2	1	291606	ROTARY HEADLAMP SWITCH
3	1	291607	SWITCH KNOB FOR 291606
4	5	291608	TOGGLE SWITCH, ON-OFF, UNLIT
5	1	291622	SWITCH, 1P ON/OFF 511-003
6	2	291623	SWITCH, 2P ON/OFF 511-015
7	1	291678	SWITCH, 511-115
8	1	291625	SWITCH, 2P ON/ON 511-108
9	2	903844	8-32 X 1/2 SLT RD HD MACH SCR
10	5	291627	SWITCH, 2P(ON)OFF(ON) 511-058
11	6	291628	LENS, GREEN 596-650
12	1	291687	DIRECTION ARROW LENS, LH, YELLOW
13	1	291630	LENS, WINDSHIELD WASHER, 594-701
14	1	291631	LENS, HAZARD 595-417
15	3	291632	LENS, DIRECTION INDICATOR
16	1	658174	RUBBER BUMPER, 1.0000D .500GD
17	8	293246	END BEZEL, 594-802
18	4	293247	CENTER BEZEL, 594-801
19	2	298004	20 AMP FUSE SFE 20
20	6	298011	FUSE HOLDER
21	6	903708	1/4UNC X1/2 PHIL PNHD MACHSCR
22	1	321021	IGN SWITCH, NON-SEALED
23	1	342657	CONSOLE COVER PNL, 284 CUMM 99
24	1	470223	SNAP BUSHING, BLK NYL, .50DIA
25	1	291672	SWITCH, 1P ON/OFF/ON 511-149
26	1	291684	INDICATOR BASE W/LAMP 511-502
27	2	291685	REFLECTOR INSERT, 592-544
28	1	291686	DIRECTION ARROW LENS, RH, YELLOW
29	1	390318	INDICATOR LIGHT, RED



CONSOLE ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	293093	TERMINAL BLOCK 6 POS - 2 ROW
2	1	291640	RELAY, 12V 20/30AMP BOSCH
3	1	342282	CONSOLE BRACE 254/284 95
4	1	342216	DRINK HOLDER MT BRKT 94
5	6	470086	1/4UNC NUTSERT .020-.100MATL
6	5	470118	1/4UNC X 3/4 FLANGE HEX BOLT
7	5	470121	1/4UNC HEX FLANGE LOCK NUT
8	1	903844	8-32 X 1/2 SLT RD HD MACH SCR
9	4	470175	10-32 HEX FLANGE LOCK NUT
10	1	470190	KNOB, 1 3/8" LIFT, BLK 10-32
11	4	903710	10-32X5/8 PHIL PANHD MACH SCR
12	1	470214	SPILLMASTER DRINK HOLDER
13	1	910024	8-32 HEX NUT
14	2	473921	BALL JOINT NO 10-32 THD
15	1	785063	CTRL CABLE 10-32 2IN X 42 LG
16	1	785064	CTRL CABLE 10-32 2IN X 53 LG
17	1	785065	CTRL CABLE 10-32 4IN X 68 LG
18	1	785070	SOLU PRESS CTRL LEVER WLD 94
19	1	785073	AGIT CTRL LEVER WLD 94
20	2	900003	1/4UNC X 1" HEX BOLT
21	6	903812	6-32 X 1/2 SLT RD HD MACH SCR
22	2	903814	6-32 X 3/4 SLT RD HD MACH SCR
23	2	903893	10-32 X 1" SLT RD HD MACH SCR
24	8	910022	6-32 HEX NUT
25	5	910027	10-32 HEX NUT
26	2	914000	1/4UNC HEX STOVER NUT
27	2	914027	10-32 HEX STOVER NUT
28	4	920510	#10 LOCK WASHER
29	1	342191	CONSOLE WLD, 284 CAB 94
30	2	291197	CIRCUIT BREAKER, 30AMP, INLINEMT
31	2	659291	KNOB, 1" RND, BLK, 3/8-16
32	1	291024	CIRCUIT BREAKER, 40AMP, INLINEMT

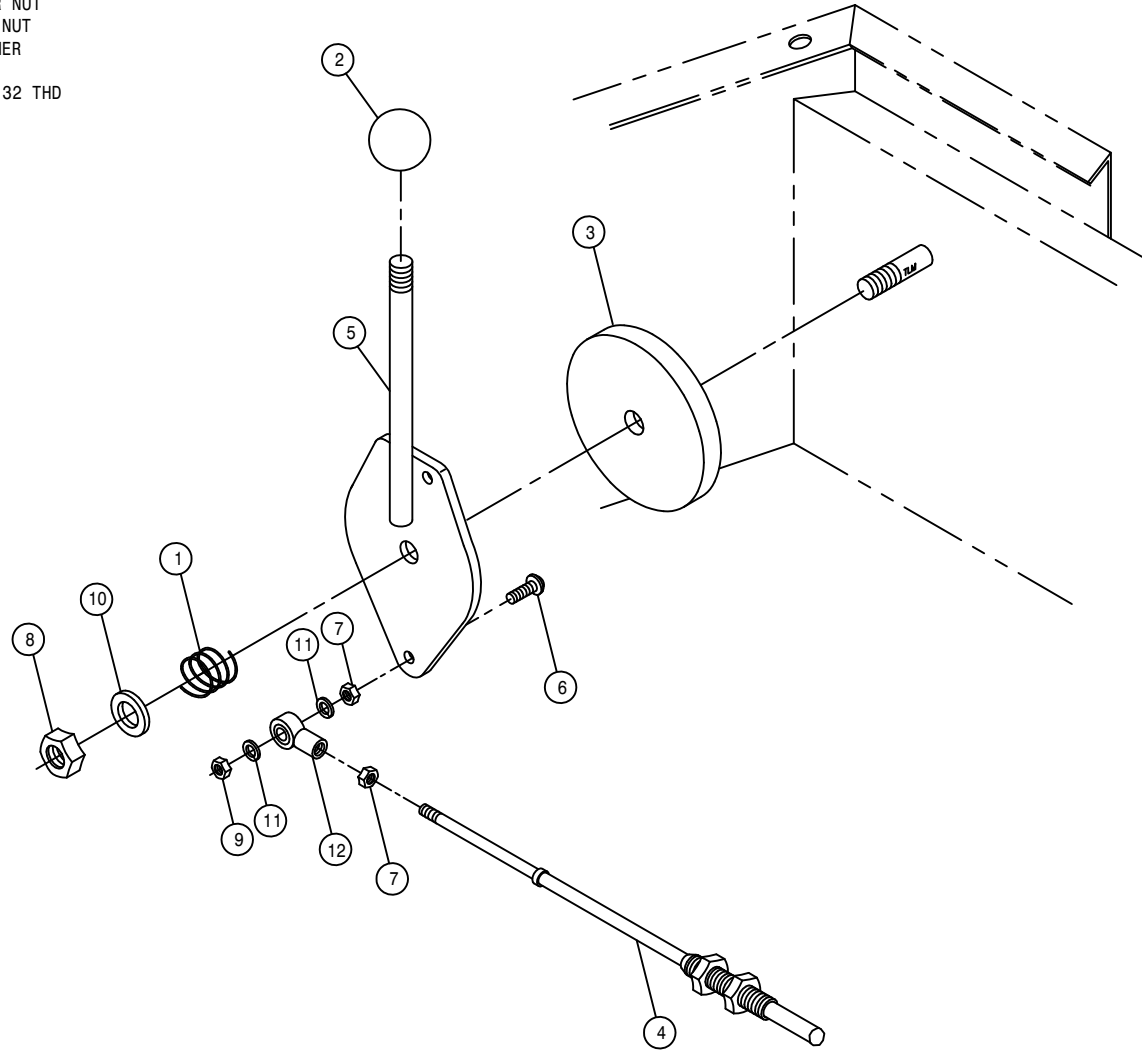


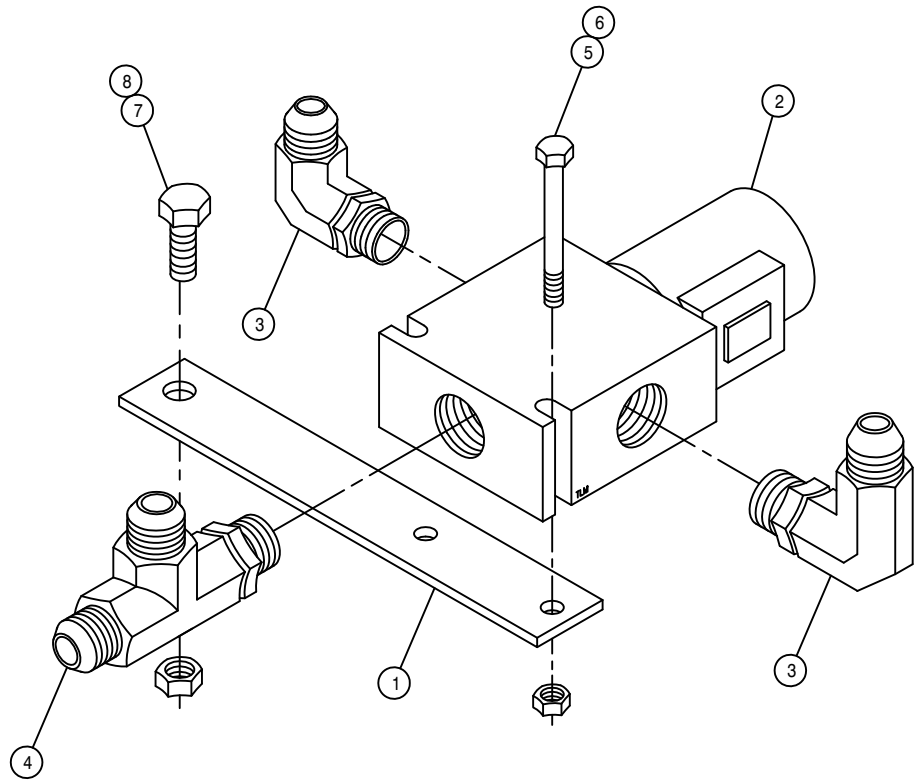
HYDROSTATIC LEVER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	291653	SWITCH, TOG SPDT 3POS STAT
2	2	470175	10-32 HEX FLANGE LOCK NUT
3	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT
4	2	470121	1/4UNC HEX FLANGE LOCK NUT
5	1	473921	BALL JOINT NO 10-32 THD
6	1	606907	HYDST CTRL LEVER ASSY 204-284
7	1	900005	1/4UNC X 1 1/2 HEX BOLT
8	1	914000	1/4UNC HEX STOVER NUT
9	1	785062	CTRL CABLE 10-32 4IN X 120 LG
10	1	785078	FASSE EZ-3 CTRL HANDLE,284 96
11	1	903893	10-32 X 1" SLT RD HD MACH SCR
12	2	910027	10-32 HEX NUT
13	1	914027	10-32 HEX STOVER NUT
14	2	920510	#10 LOCK WASHER
15	4	920000	1/4 SAE FLAT WASHER
16	8	291640	RELAY, 12V 20/30AMP BOSCH
17	6	291650	SWITCH,SPDT MOM MICRO
18	3	291651	SWITCH BOOT, GRAY -FOR 291650
19	3	291652	SWITCH BOOT, RED -FOR 291650
20	1	291654	SWITCH BOOT, BLACK-FOR 291653

THROTTLE LEVER ASSEMBLY

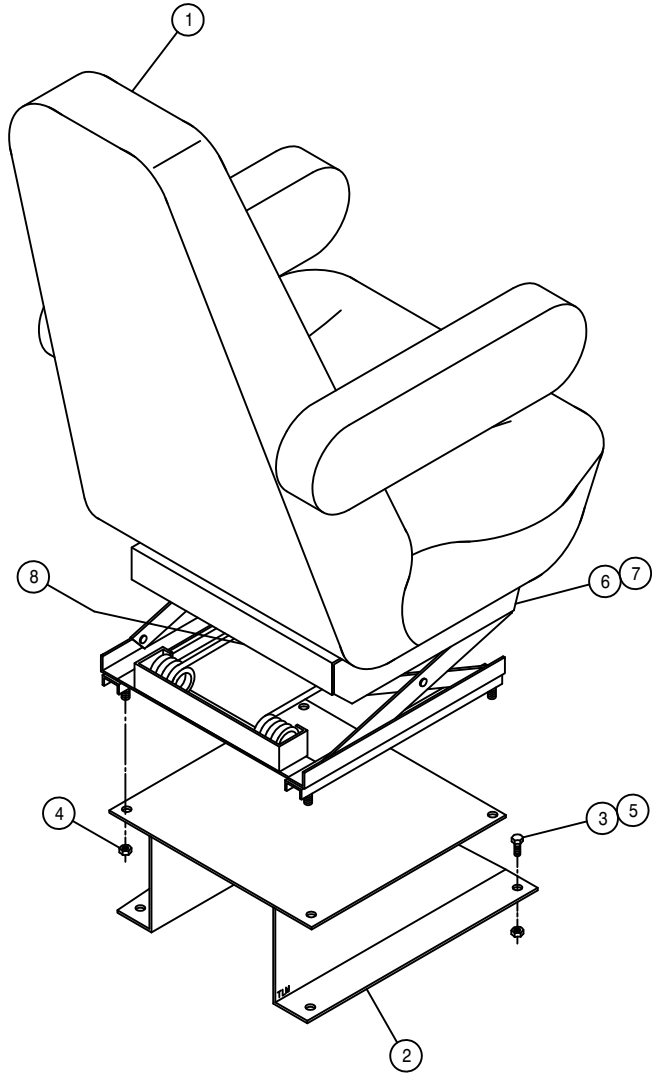
DET.	QTY	PART NO.	DESCRIPTION
1	1	499001	SPRING HYDRO CONTROL
2	1	785007	KNOB,1 3/16" BALL,RED,3/8-16
3	1	785046	FRICTION DISC 3-333 X .38
4	1	785066	CTRL CABLE 10-32 4IN X 129 IN
5	1	785067	THROT LEVER WLD,GAS/DIESEL 94
6	1	903893	10-32 X 1" SLT RD HD MACH SCR
7	2	910027	10-32 HEX NUT
8	1	914004	3/8UNC HEX STOVER NUT
9	1	914027	10-32 HEX STOVER NUT
10	1	920002	3/8 SAE FLAT WASHER
11	2	920510	#10 LOCK WASHER
12	1	473921	BALL JOINT NO 10-32 THD





BRAKE SOLENOID ASSEMBLY

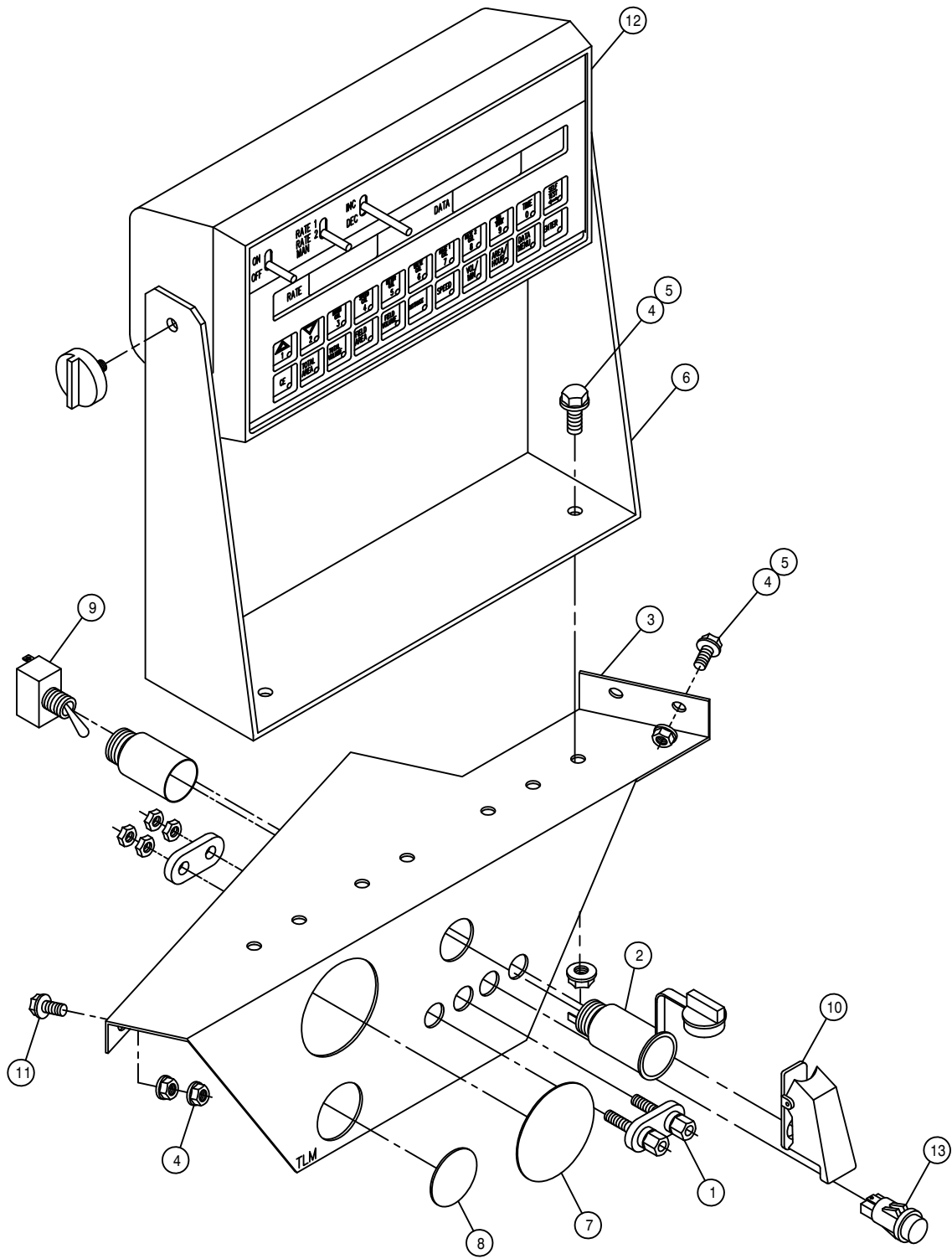
DET.	QTY	PART NO.	DESCRIPTION	
1	1	342332	PARK BRAKE SOL VLV MT	97
2	1	610318	HYD SOLE VLV, 2P-3W, 9/16FOR, 12V	
3	2	618119	9/16MJIC-90-9/16MOR LBO	
4	1	618444	9/16MOR RUN TEE-9/16MJIC	
5	2	900006	1/4UNC X 1 3/4 HEX BOLT	
6	2	914000	1/4UNC HEX STOVER NUT	
7	1	900129	3/8UNC X 1" HEX BOLT	
8	1	914004	3/8UNC HEX STOVER NUT	



SEAT ASSEMBLY

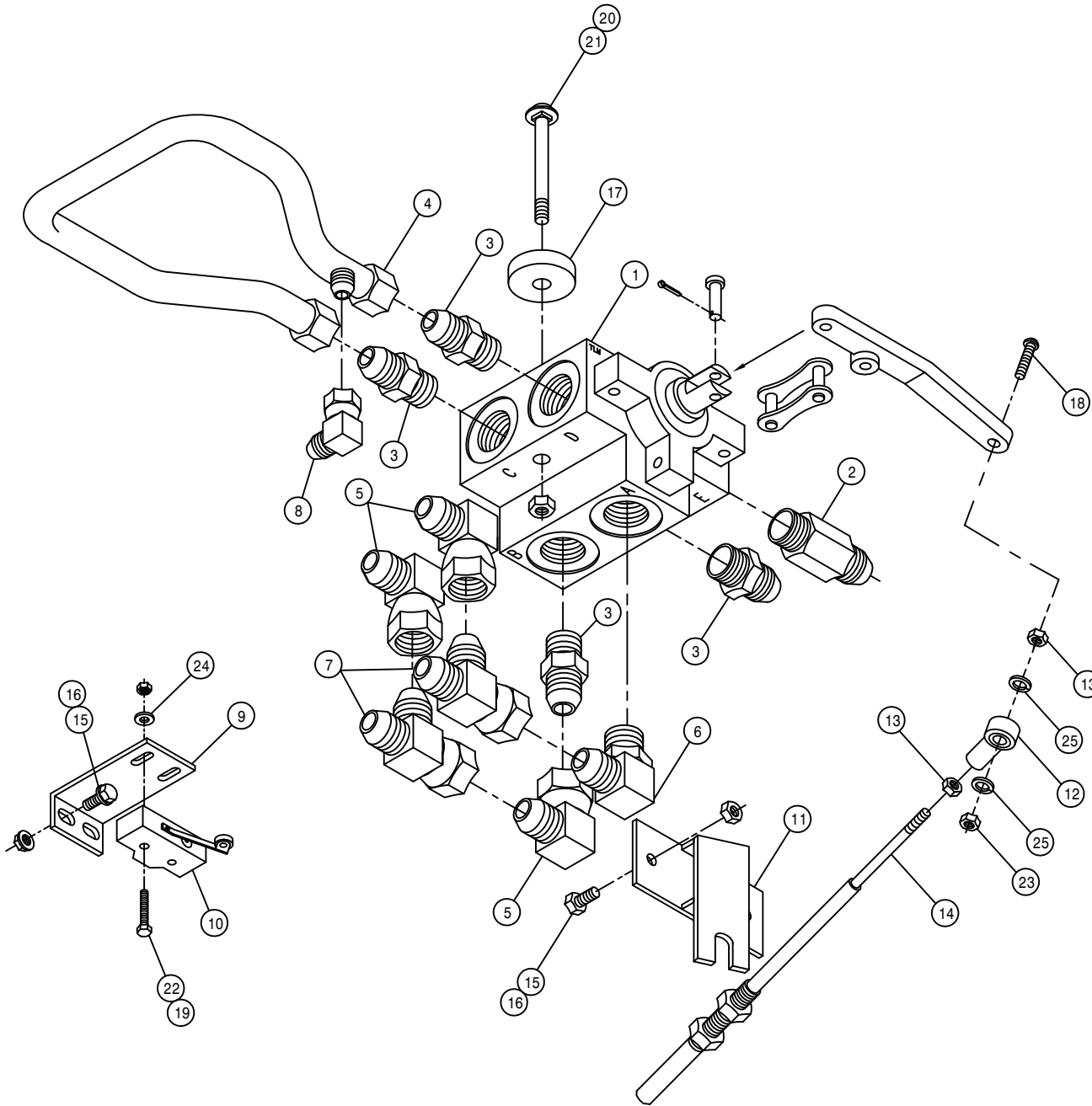
DET. QTY PART NO. DESCRIPTION

1	1	330022	SEAT,MAGNUM-100 AIR SUSPEND95
2	1	342090	SEAT MT WELD, 254/284 95
3	4	900129	3/8UNC X 1" HEX BOLT
4	4	914002	5/16UNC HEX STOVER NUT
5	4	914004	3/8UNC HEX STOVER NUT
6	1	330024	HEIGHT ADJ LATCH, SEAT 330022
7	1	330025	ADJ LATCH SPRING, SEAT 330022
8	1	330023	AIR BAG PKG, SEAT 330022



MONITOR MOUNTING BRACKET ASSEMBLY

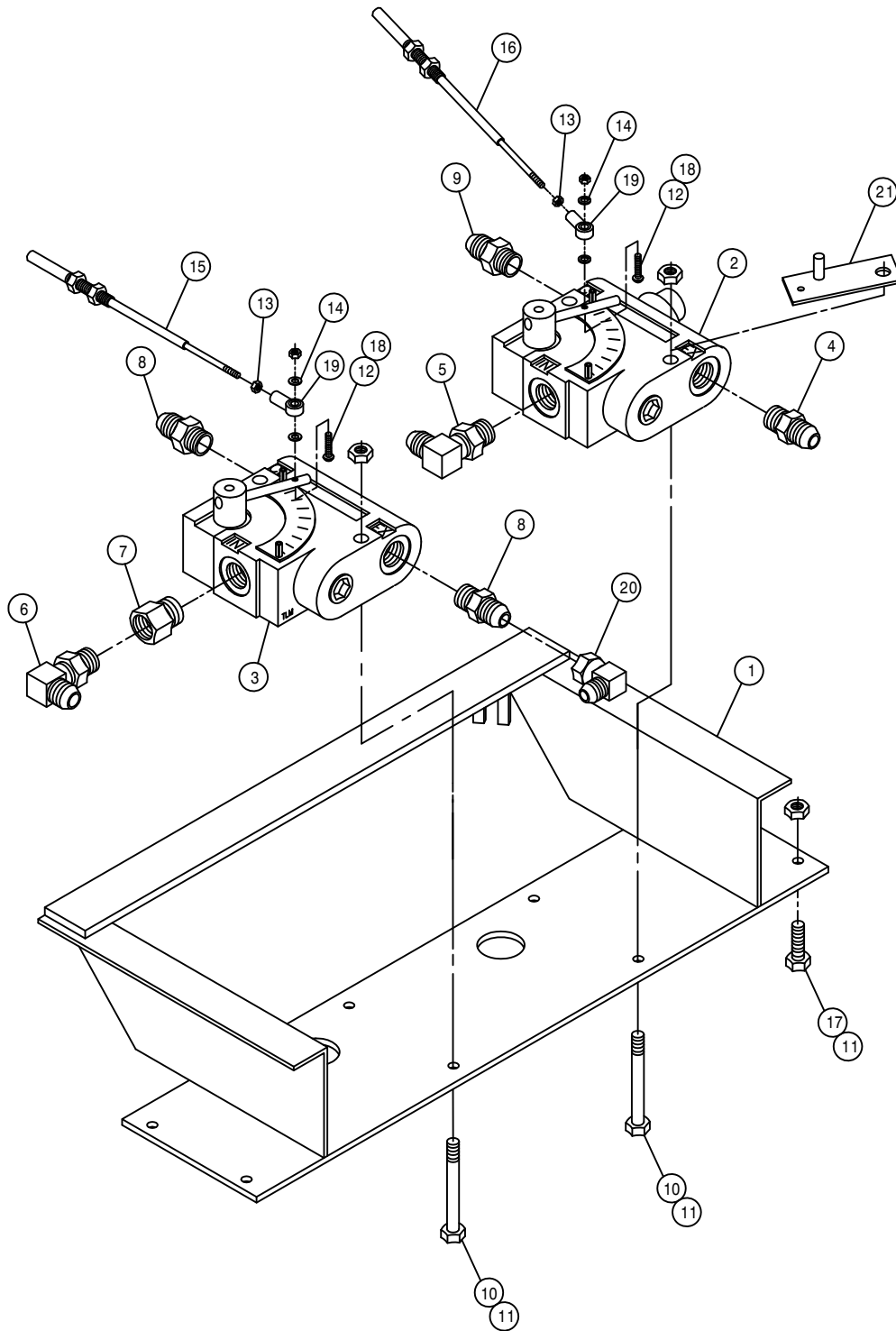
DET.	QTY	PART NO.	DESCRIPTION
	1	291647	DUAL BINDING POSTS
	1	291648	POWER POINT RECEPTACLE
	1	342215	MONITOR MT, 284 CAB 94
	7	470121	1/4UNC HEX FLANGE LOCK NUT
	5	470122	1/4UNC X 1/2 FLANGE HEX BOLT
	1	690498	CONSOLE MT, RAVEN 460 95
	1	629728	FINISH PLUG FOR 2.12 HOLE
	1	629730	FINISH PLUG FOR 1.25 HOLE
	1	298012	TOGGLE SWITCH
	1	291655	AIRCRAFT TOGGLE SWITCH GUARD
	1	470118	1/4UNC X 3/4 FLANGE HEX BOLT
	1	690491	CONSOLE, RAVEN 460
	1	390318	INDICATOR LIGHT, RED



FOUR-WHEEL DRIVE SELECTOR VALVE ASSEMBLY

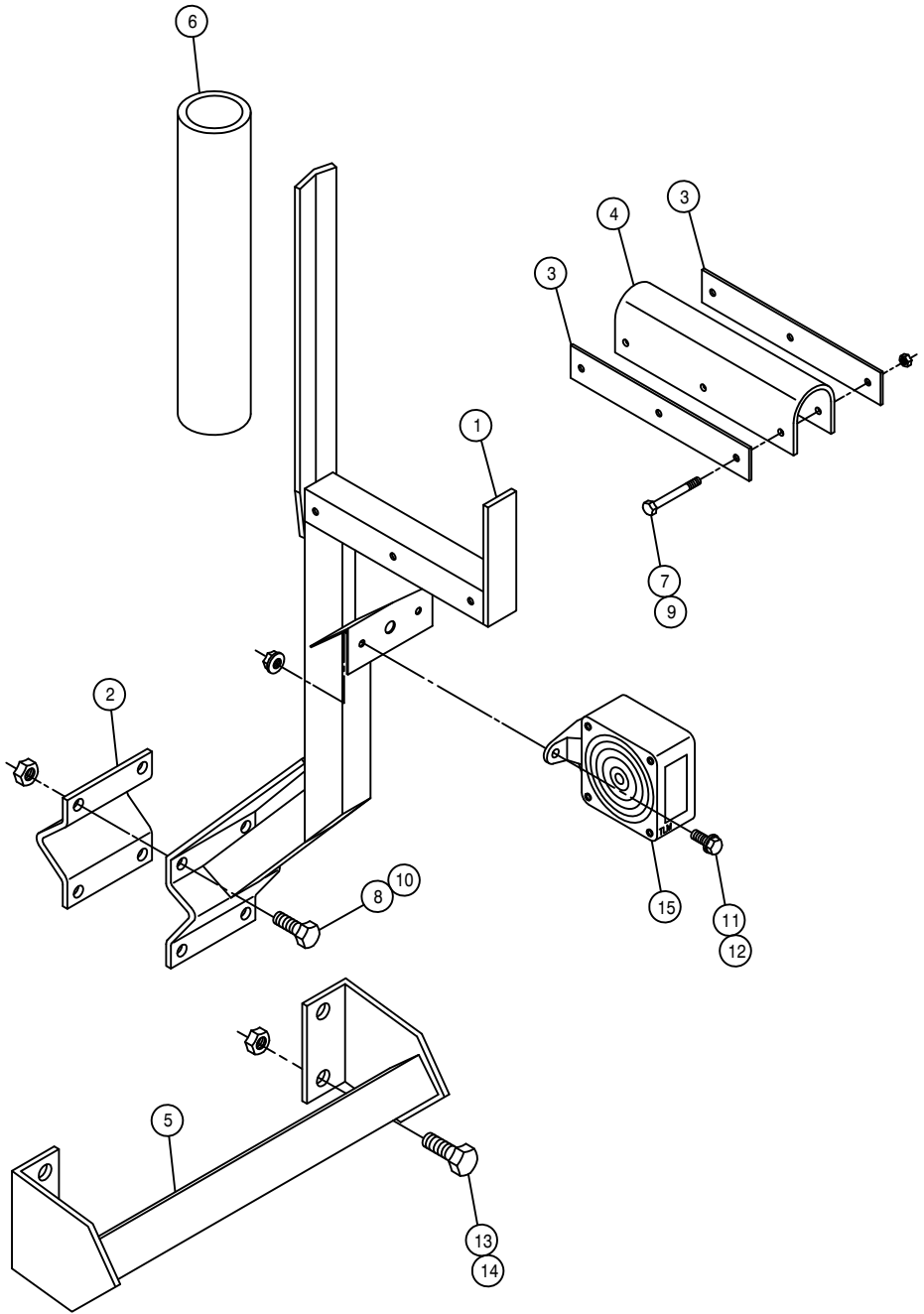
DET. QTY PART NO. DESCRIPTION

1	1	606003	GRESEN SELECTOR VALVE DS-12
2	1	607527	FLOW CTRL VALVE,32GPM IN-LINE
3	4	611127	1 1/16MJIC-1 1/16MOR ADPTR
4	1	614290	FWD UTUBE 472 P/C 1977 18WHMT
5	3	618191	1 1/16MJ-90-1 1/16FJ SWIV LBO
6	1	618248	1 1/16MJIC-90-1 1/16MOR LBO
7	2	618487	1 1/16FJ SW RUN TEE-1 1/16MJ
8	1	618618	9/16MJIC-90-9/16FJIC SWIV LBO
9	1	291646	TRACT VLV MICRO SWITCH MT
10	1	293006	MICRO SWITCH, SPDT BZ-2RL-A2
11	1	341861	FWD CABLE MT WLD 280 89
12	1	473921	BALL JOINT NO 10-32 THD
13	2	910027	10-32 HEX NUT
14	1	785065	CTRL CABLE 10-32 4IN X 68 LG
15	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
16	4	470121	1/4UNC HEX FLANGE LOCK NUT
17	2	748501	RUBBER WASH .38 X .406 X 1.50
18	1	903893	10-32 X 1" SLT RD HD MACH SCR
19	2	910022	6-32 HEX NUT
20	2	914004	3/8UNC HEX STOVER NUT
21	2	901136	3/8UNC X 3" CARR BOLT
22	2	473993	6-32 X 1 1/4 HH MACH SCR
23	1	914027	10-32 HEX STOVER NUT
24	2	920011	# 6 SAE FLAT WASHER
25	2	920510	#10 LOCK WASHER



VARIABLE FLOW CONTROL ASSEMBLY

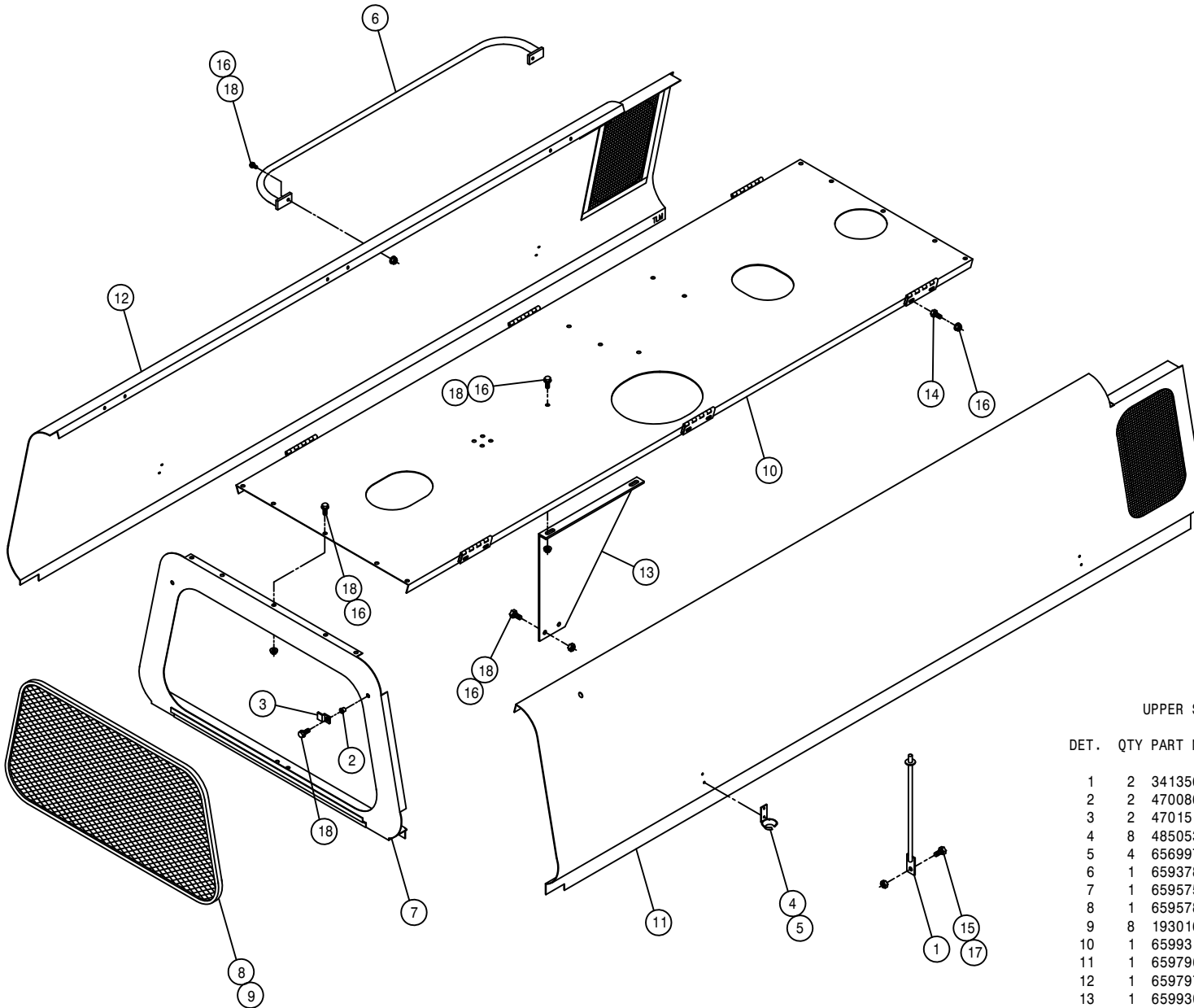
DET.	QTY	PART NO.	DESCRIPTION	
	1	342209	SOLU VFC MT WLD	94
	2	606818	FLO CONT FCR51 0-16GPM 7/8FOR	
	3	606827	FLO CONT FC51 0-3 VARI 7/8FOR	
	4	611126	7/8MJIC-7/8MOR ADPTR	
	5	611128	7/8MJIC-90-7/8MOR LBO	
	6	618119	9/16MJIC-90-9/16MOR LBO	
	7	618172	7/8MOR-9/16FOR ADPTR	
	8	618310	9/16MJIC-7/8MOR ADPTR	
	9	618327	3/4MJIC-7/8MOR ADPTR	
	10	900008	1/4UNC X 2 1/2 HEX BOLT	
	11	914000	1/4UNC HEX STOVER NUT	
	12	903893	10-32 X 1" SLT RD HD MACH SCR	
	13	910027	10-32 HEX NUT	
	14	920510	#10 LOCK WASHER	
	15	785064	CTRL CABLE 10-32 2IN X 53 LG	
	16	785063	CTRL CABLE 10-32 2IN X 42 LG	
	17	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
	18	914027	10-32 HEX STOVER NUT	
	19	473921	BALL JOINT NO 10-32 THD	
	20	618618	9/16MJIC-90-9/16FJIC SWIV LBO	
	21	342306	SOLU PUMP VFC STOP WLD,9G	96



BOOM CRADLE ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
1	2	164245	BOOM CRADLE WLD	96
2	2	164253	BOOM CRADLE V-PLATE KEEPER	96
3	4	164254	CRADLE CUSHION KEEPER	96
4	2	164256	BOOM CRADLE CUSHION	96
5	2	164258	BOOM CRADLE MT WLD	96
6	2	601184	HOSE, 1 1/2 X 14 2BR BLK EPDM	
7	6	900008	1/4UNC X 2 1/2 HEX BOLT	
8	8	900265	1/2UNC X 1 1/2 HEX BOLT	
9	6	914000	1/4UNC HEX STOVER NUT	
10	8	914008	1/2UNC HEX STOVER NUT	
11	4	470121	1/4UNC HEX FLANGE LOCK NUT	
12	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
13	8	900334	5/8UNC X 1 3/4 HEX BOLT	
14	8	914010	5/8UNC HEX STOVER NUT	
15	2	291604	TURN SIGNAL LIGHT,PED MT, YEL	

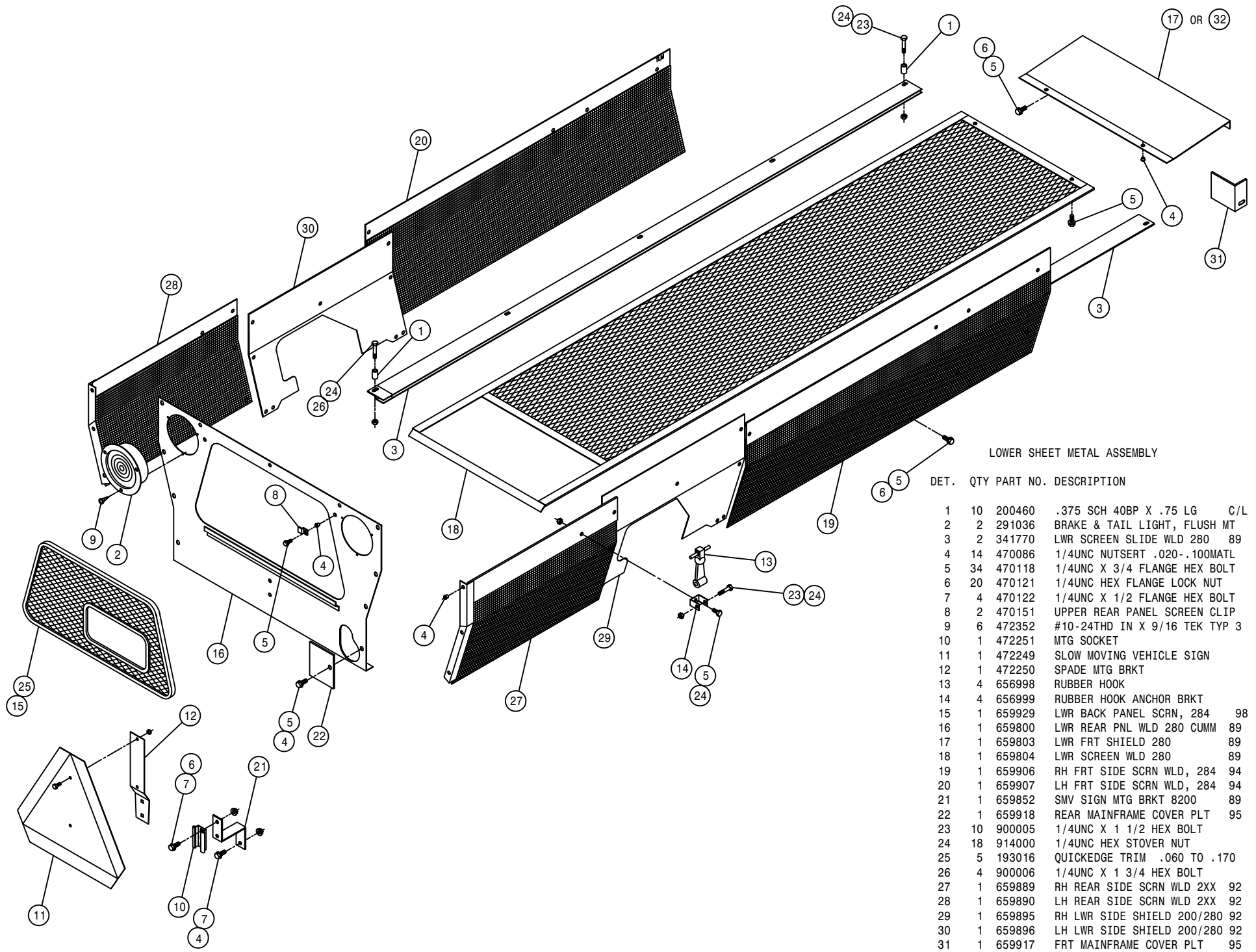
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



UPPER SHEET METAL ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	2	341356	ENGINE HOOD PROP WLD 8240 82
2	2	470086	1/4UNC NUTSERT .020-.100MATL
3	2	470151	UPPER REAR PANEL SCREEN CLIP
4	8	485053	POP RIVET 3/16 X 3/8
5	4	656997	RUBBER HOOK BRKT
6	1	659378	RH ENG HOOD HANDRAIL WLD 647S
7	1	659575	UPPER REAR PANEL WLD 8240 82
8	1	659578	UPPER REAR PANEL SCREEN 8240
9	8	193016	QUICKEDGE TRIM .060 TO .170
10	1	659931	MULLION WLD, 204 CUMM 97
11	1	659796	RH ENGINE HOOD WLD 280 89
12	1	659797	LH ENGINE HOOD WLD 280 89
13	1	659930	MULLION SUPPORT BRKT, 284 97
14	12	900000	1/4UNC X 1/2 HEX BOLT
15	2	900128	3/8UNC X 3/4 HEX BOLT
16	28	470121	1/4UNC HEX FLANGE LOCK NUT
17	2	914004	3/8UNC HEX STOVER NUT
18	18	470118	1/4UNC X 3/4 FLANGE HEX BOLT



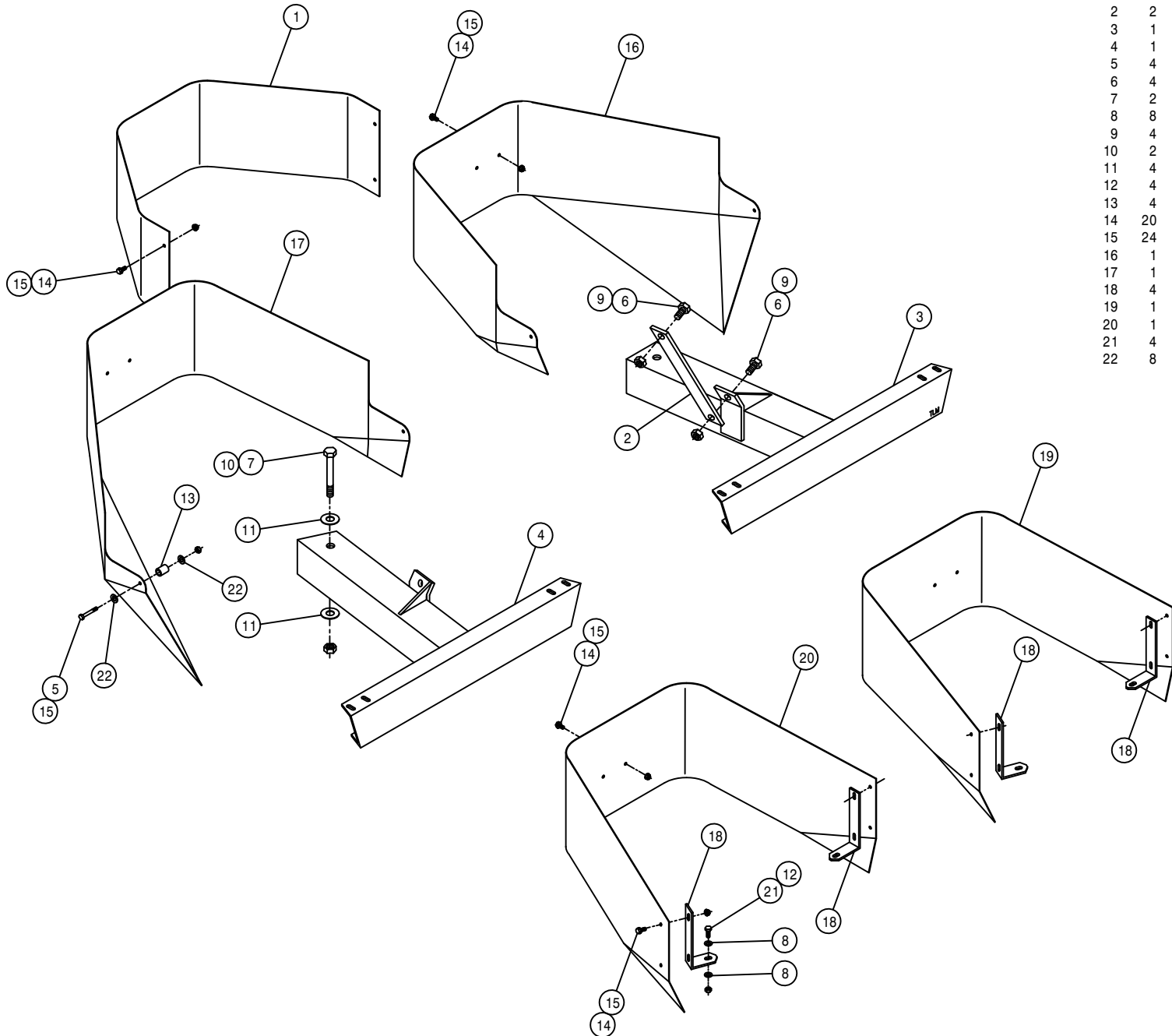
LOWER SHEET METAL ASSEMBLY

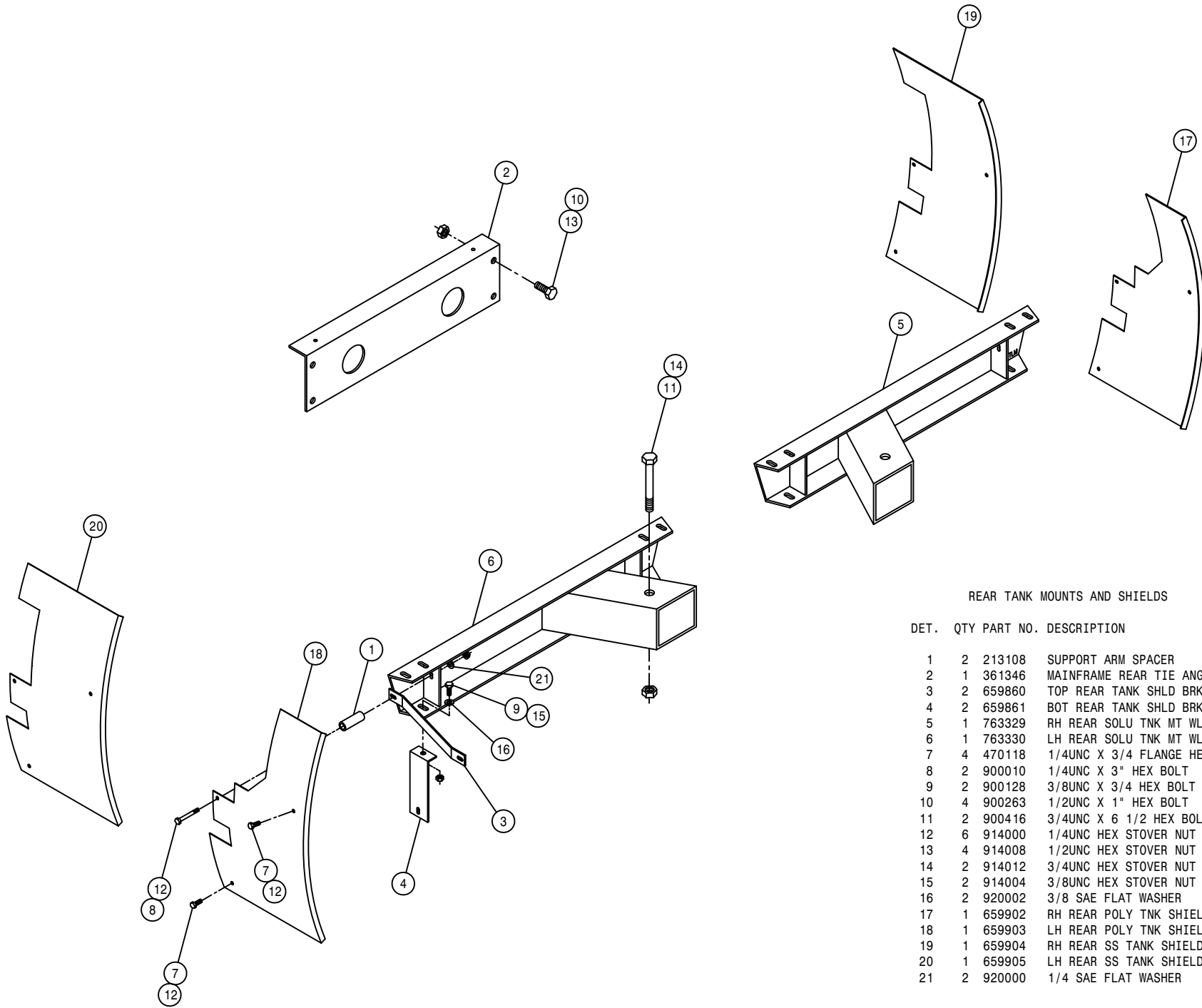
DET.	QTY	PART NO.	DESCRIPTION
1	10	200460	.375 SCH 40BP X .75 LG C/L
2	2	291036	BRAKE & TAIL LIGHT, FLUSH MT
3	2	341770	LWR SCREEN SLIDE WLD 280 89
4	14	470086	1/4UNC NUTSERT .020-.100MATL
5	34	470118	1/4UNC X 3/4 FLANGE HEX BOLT
6	20	470121	1/4UNC HEX FLANGE LOCK NUT
7	4	470122	1/4UNC X 1/2 FLANGE HEX BOLT
8	2	470151	UPPER REAR PANEL SCREEN CLIP
9	6	472352	#10-24THD IN X 9/16 TEK TYP 3
10	1	472251	MTG SOCKET
11	1	472249	SLOW MOVING VEHICLE SIGN
12	1	472250	SPADE MTG BRKT
13	4	656998	RUBBER HOOK
14	4	656999	RUBBER HOOK ANCHOR BRKT
15	1	659929	LWR BACK PANEL SCR, 284 98
16	1	659800	LWR REAR PNL WLD 280 CUMM 89
17	1	659803	LWR FRT SHIELD 280 89
18	1	659804	LWR SCREEN WLD 280 89
19	1	659906	RH FRT SIDE SCR N WLD, 284 94
20	1	659907	LH FRT SIDE SCR N WLD, 284 94
21	1	659852	SMV SIGN MTG BRKT 8200 89
22	1	659918	REAR MAINFRAME COVER PLT 95
23	10	900005	1/4UNC X 1 1/2 HEX BOLT
24	18	914000	1/4UNC HEX STOVER NUT
25	5	193016	QUICKEDGE TRIM .060 TO .170
26	4	900006	1/4UNC X 1 3/4 HEX BOLT
27	1	659889	RH REAR SIDE SCR N WLD 2XX 92
28	1	659890	LH REAR SIDE SCR N WLD 2XX 92
29	1	659895	RH LWR SIDE SHIELD 200/280 92
30	1	659896	LH LWR SIDE SHIELD 200/280 92
31	1	659917	FRT MAINFRAME COVER PLT 95
32	1	659908	LWR FRT SHIELD, 284 COMBO 94

FRONT TANK MOUNTS AND SHIELDS

DET. QTY PART NO. DESCRIPTION

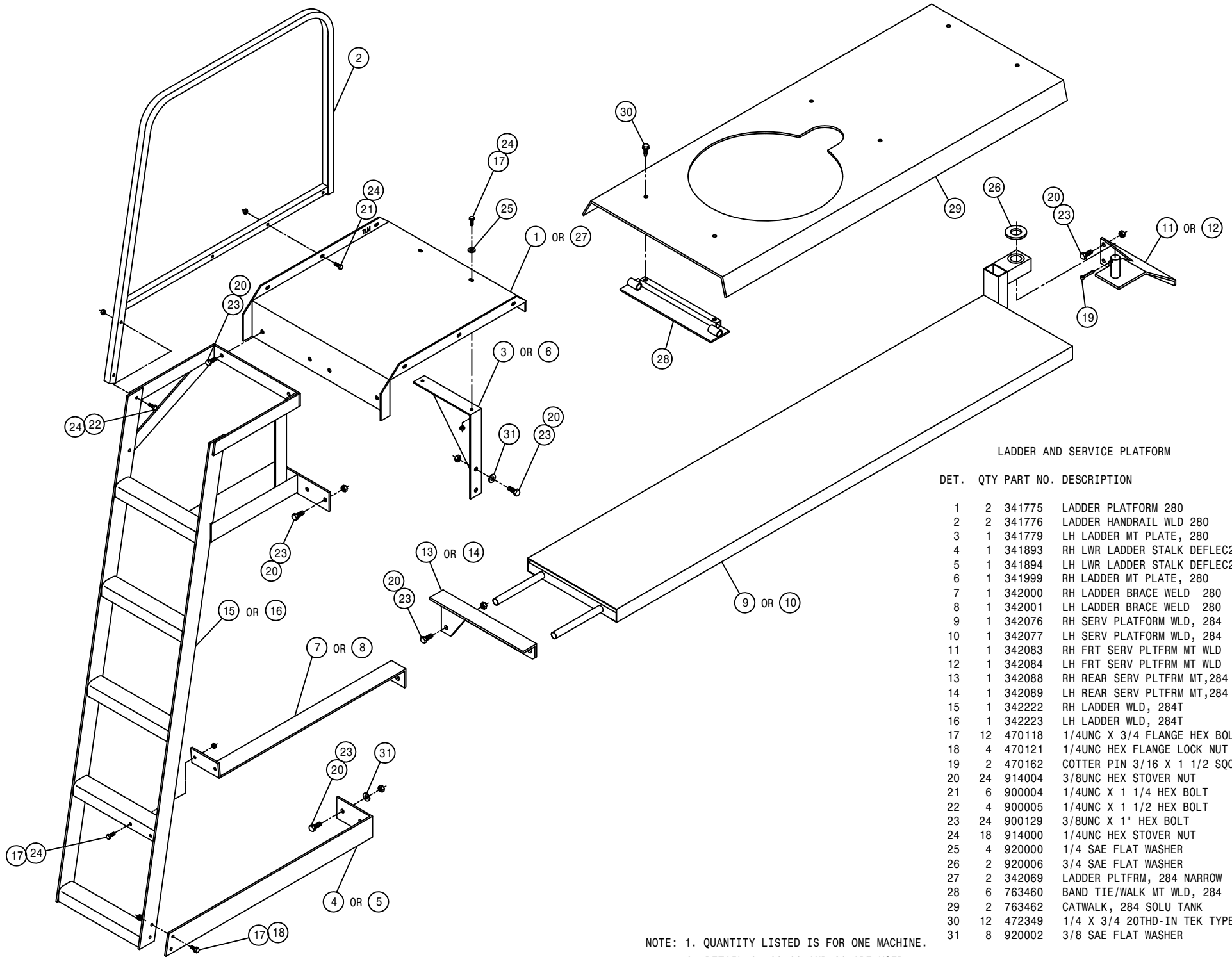
1	1	659831	LWR FRONT SHIELD 280	89
2	2	763453	TANK SUPPORT ARM, 284T	94
3	1	763447	RH FRT SOLU TANK MT WLD284	94
4	1	763448	LH FRT SOLU TANK MT WLD284	94
5	4	900006	1/4UNC X 1 3/4 HEX BOLT	
6	4	900333	5/8UNC X 1 1/2 HEX BOLT	
7	2	900416	3/4UNC X 6 1/2 HEX BOLT	
8	8	920002	3/8 SAE FLAT WASHER	
9	4	914010	5/8UNC HEX STOVER NUT	
10	2	914012	3/4UNC HEX STOVER NUT	
11	4	920006	3/4 SAE FLAT WASHER	
12	4	914004	3/8UNC HEX STOVER NUT	
13	4	160621	SPRING TIGHTENER HOOK BUSH	
14	20	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
15	24	470121	1/4UNC HEX FLANGE LOCK NUT	
16	1	659856	RH FRT POLY TANK SHLD WLD 280	
17	1	659857	LH FRT POLY TANK SHLD WLD 280	
18	4	659834	FRT LEG SHIELD MTG BRKT280	89
19	1	659854	RH FRT TANK SHIELD 280	90
20	1	659855	LH FRT TANK SHIELD 280	90
21	4	900130	3/8UNC X 1 1/4 HEX BOLT	
22	8	920000	1/4 SAE FLAT WASHER	





REAR TANK MOUNTS AND SHIELDS

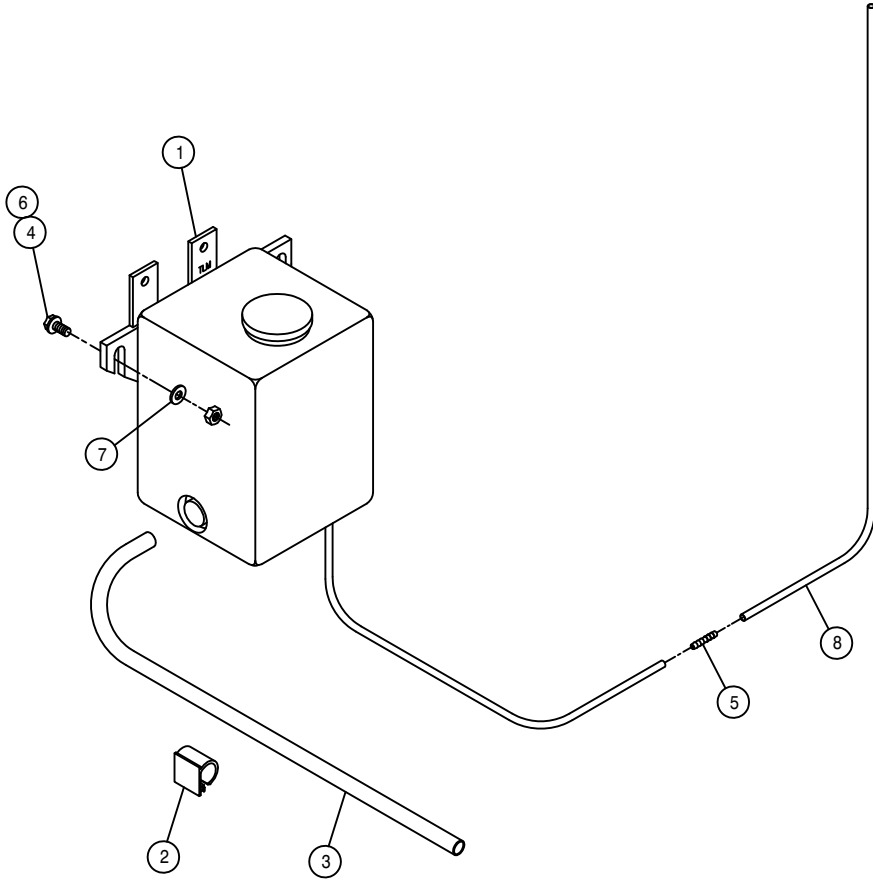
DET.	QTY	PART NO.	DESCRIPTION
1	2	213108	SUPPORT ARM SPACER
2	1	361346	MAINFRAME REAR TIE ANGLE 280
3	2	659860	TOP REAR TANK SHLD BRKT280 90
4	2	659861	BOT REAR TANK SHLD BRKT280 90
5	1	763329	RH REAR SOLU TNK MT WLD280 90
6	1	763330	LH REAR SOLU TNK MT WLD280 90
7	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
8	2	900010	1/4UNC X 3" HEX BOLT
9	2	900128	3/8UNC X 3/4 HEX BOLT
10	4	900263	1/2UNC X 1" HEX BOLT
11	2	900416	3/4UNC X 6 1/2 HEX BOLT
12	6	914000	1/4UNC HEX STOVER NUT
13	4	914008	1/2UNC HEX STOVER NUT
14	2	914012	3/4UNC HEX STOVER NUT
15	2	914004	3/8UNC HEX STOVER NUT
16	2	920002	3/8 SAE FLAT WASHER
17	1	659902	RH REAR POLY TNK SHIELD284 94
18	1	659903	LH REAR POLY TNK SHIELD284 94
19	1	659904	RH REAR SS TANK SHIELD 284 94
20	1	659905	LH REAR SS TANK SHIELD 284 94
21	2	920000	1/4 SAE FLAT WASHER



LADDER AND SERVICE PLATFORM

DET.	QTY	PART NO.	DESCRIPTION	
1	2	341775	LADDER PLATFORM 280	89
2	2	341776	LADDER HANDRAIL WLD 280	89
3	1	341779	LH LADDER MT PLATE, 280	89
4	1	341893	RH LWR LADDER STALK DEFLEC280	
5	1	341894	LH LWR LADDER STALK DEFLEC280	
6	1	341999	RH LADDER MT PLATE, 280	89
7	1	342000	RH LADDER BRACE WELD 280	92
8	1	342001	LH LADDER BRACE WELD 280	92
9	1	342076	RH SERV PLATFORM WLD, 284	95
10	1	342077	LH SERV PLATFORM WLD, 284	95
11	1	342083	RH FRT SERV PLTFRM MT WLD 95	
12	1	342084	LH FRT SERV PLTFRM MT WLD 95	
13	1	342088	RH REAR SERV PLTFRM MT,284 95	
14	1	342089	LH REAR SERV PLTFRM MT,284 95	
15	1	342222	RH LADDER WLD, 284T	94
16	1	342223	LH LADDER WLD, 284T	94
17	12	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
18	4	470121	1/4UNC HEX FLANGE LOCK NUT	
19	2	470162	COTTER PIN 3/16 X 1 1/2 SQCUT	
20	24	914004	3/8UNC HEX STOVER NUT	
21	6	900004	1/4UNC X 1 1/4 HEX BOLT	
22	4	900005	1/4UNC X 1 1/2 HEX BOLT	
23	24	900129	3/8UNC X 1" HEX BOLT	
24	18	914000	1/4UNC HEX STOVER NUT	
25	4	920000	1/4 SAE FLAT WASHER	
26	2	920006	3/4 SAE FLAT WASHER	
27	2	342069	LADDER PLTFRM, 284 NARROW	94
28	6	763460	BAND TIE/WALK MT WLD, 284	95
29	2	763462	CATWALK, 284 SOLU TANK	95
30	12	472349	1/4 X 3/4 20THD-IN TEK TYPE	
31	8	920002	3/8 SAE FLAT WASHER	

NOTE: 1. QUANTITY LISTED IS FOR ONE MACHINE.
 2. DETAIL 27,28,29 AND 30 ARE USED WITH THE NARROW TREAD OPTION.



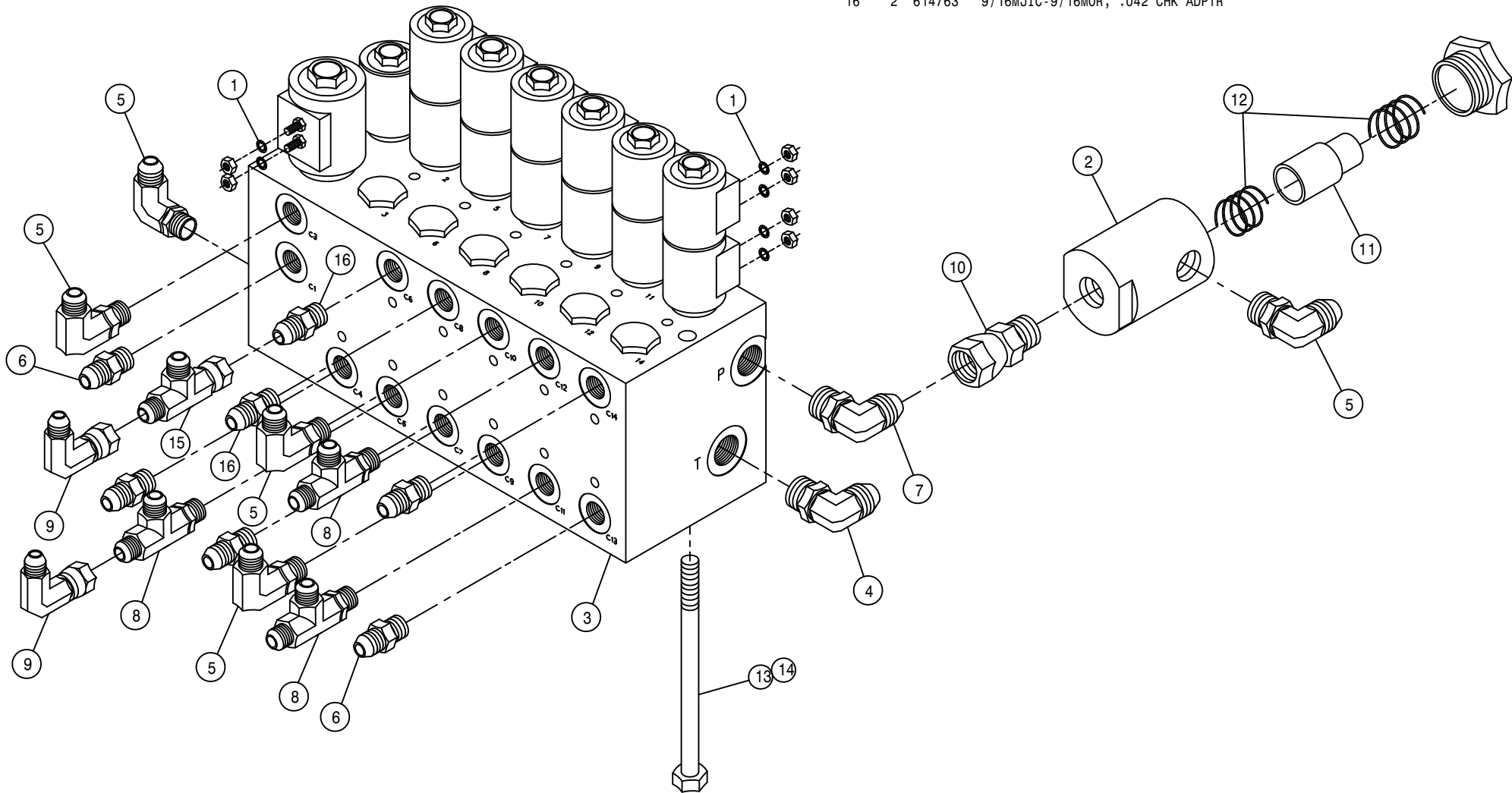
WINDSHIELD WASHER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	290002	WINDSHIELD WASHER KIT
2	3	291645	3/8 WIRE CLAMP,ADHESIVE BACK
3	5	299110	.35 ID WIRE FLEX GUARD
4	3	470231	1/4UNC X 1" FLANGE HEX BOLT
5	1	711033	3/16-1/8 HOSE BARB REDU UNION
6	3	914000	1/4UNC HEX STOVER NUT
7	3	920000	1/4 SAE FLAT WASHER
8	14	195913	1/8 WINDSHIELD WASHER HOSE

BOOM CONTROL VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	28	473802	# 8 INT TOOTH STAR WASHER
2	1	605615	HYD FILTER, INLINE 25M 9/16FOR
3	1	606102	BOOM VLV, X11/284/2100 PWRSYS03
4	1	618115	9/16MJIC-90-3/4MOR LBO
5	5	618119	9/16MJIC-90-9/16MOR LBO
6	5	618126	9/16MJIC-9/16MOR ADPTR
7	1	618241	3/4MJIC-90-3/4MOR LBO
8	3	618444	9/16MOR RUN TEE-9/16MJIC
9	2	618618	9/16MJIC-90-9/16FJIC SWIV LBO
10	1	618692	3/4FJIC SWIV-9/16MOR ADPTR
11	1	605616	ELEMENT, 25M HYD FILTER 605615
12	1	605617	SPRING KIT, HYD FILTER 605615
13	2	900146	3/8UNC X 5 3/4 HEX BOLT
14	2	914004	3/8UNC HEX STOVER NUT
15	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
16	2	614763	9/16MJIC-9/16MOR, .042 CHK ADPTR



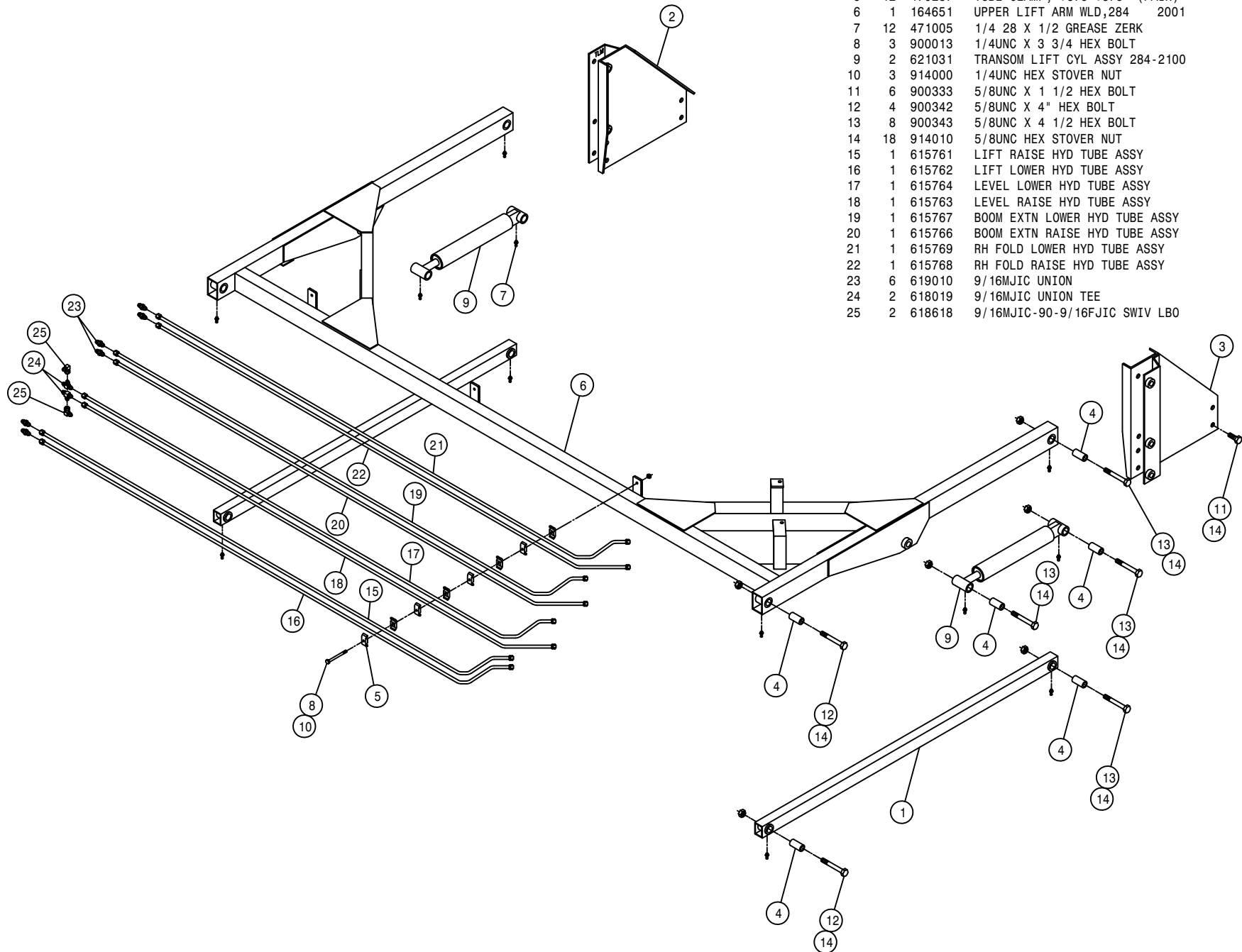
50

262050

LIFTARM ASSEMBLY

DET. QTY PART NO. DESCRIPTION

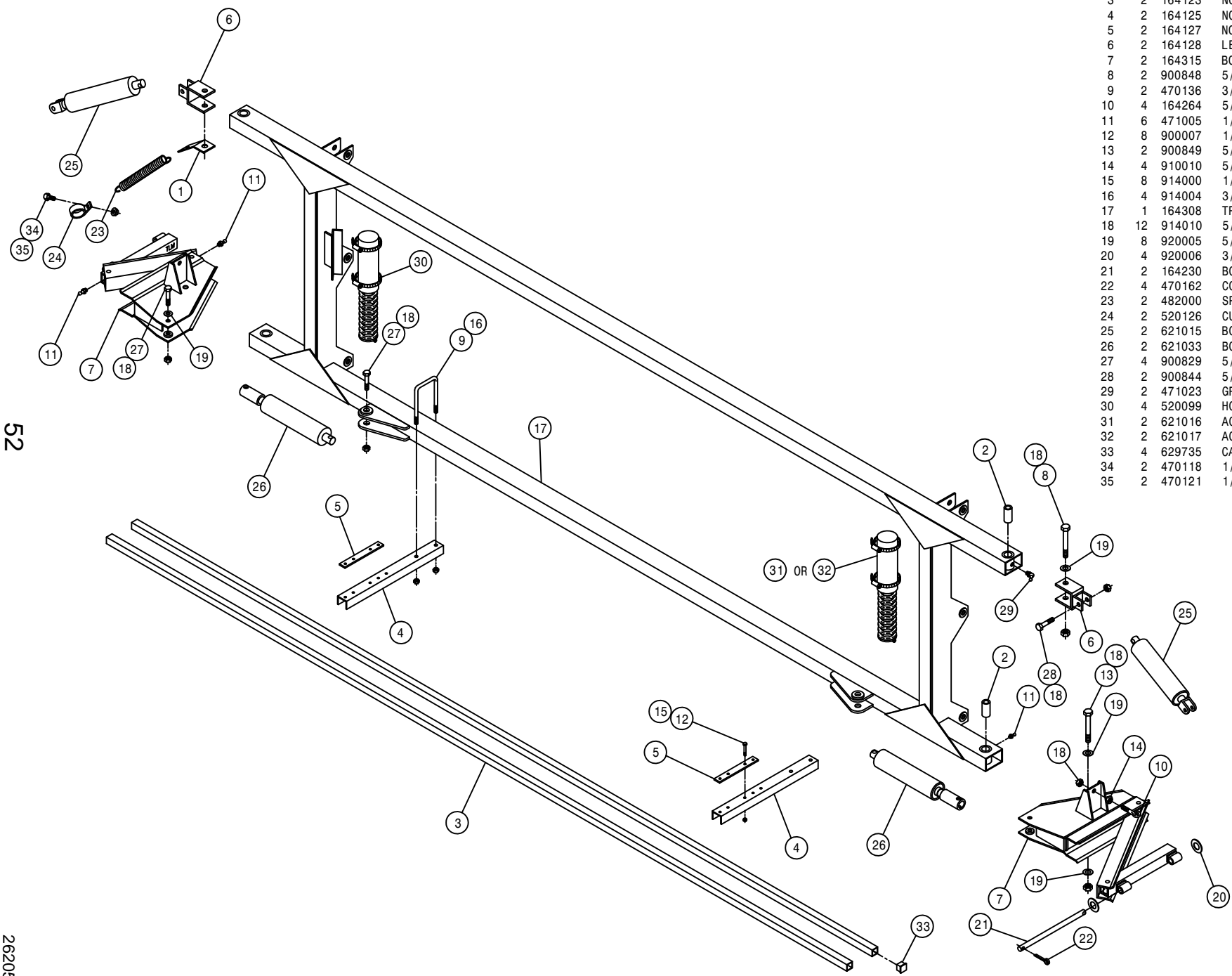
1	2	160471	LWR LIFT ARM WLD 8540-8250 87
2	1	160495	RH LIFT ARM MT WLD 280 89
3	1	160496	LH LIFT ARM MT WLD 280 89
4	12	160691	BUSH LIFT ARM LONG 470
5	12	470287	TUBE CLAMP, .375-.375 (PAIR)
6	1	164651	UPPER LIFT ARM WLD,284 2001
7	12	471005	1/4 28 X 1/2 GREASE ZERK
8	3	900013	1/4UNC X 3 3/4 HEX BOLT
9	2	621031	TRANSOM LIFT CYL ASSY 284-2100
10	3	914000	1/4UNC HEX STOVER NUT
11	6	900333	5/8UNC X 1 1/2 HEX BOLT
12	4	900342	5/8UNC X 4" HEX BOLT
13	8	900343	5/8UNC X 4 1/2 HEX BOLT
14	18	914010	5/8UNC HEX STOVER NUT
15	1	615761	LIFT RAISE HYD TUBE ASSY
16	1	615762	LIFT LOWER HYD TUBE ASSY
17	1	615764	LEVEL LOWER HYD TUBE ASSY
18	1	615763	LEVEL RAISE HYD TUBE ASSY
19	1	615767	BOOM EXTN LOWER HYD TUBE ASSY
20	1	615766	BOOM EXTN RAISE HYD TUBE ASSY
21	1	615769	RH FOLD LOWER HYD TUBE ASSY
22	1	615768	RH FOLD RAISE HYD TUBE ASSY
23	6	619010	9/16MJIC UNION
24	2	618019	9/16MJIC UNION TEE
25	2	618618	9/16MJIC-90-9/16FJIC SWIV LBO



TRANSOM ASSEMBLY

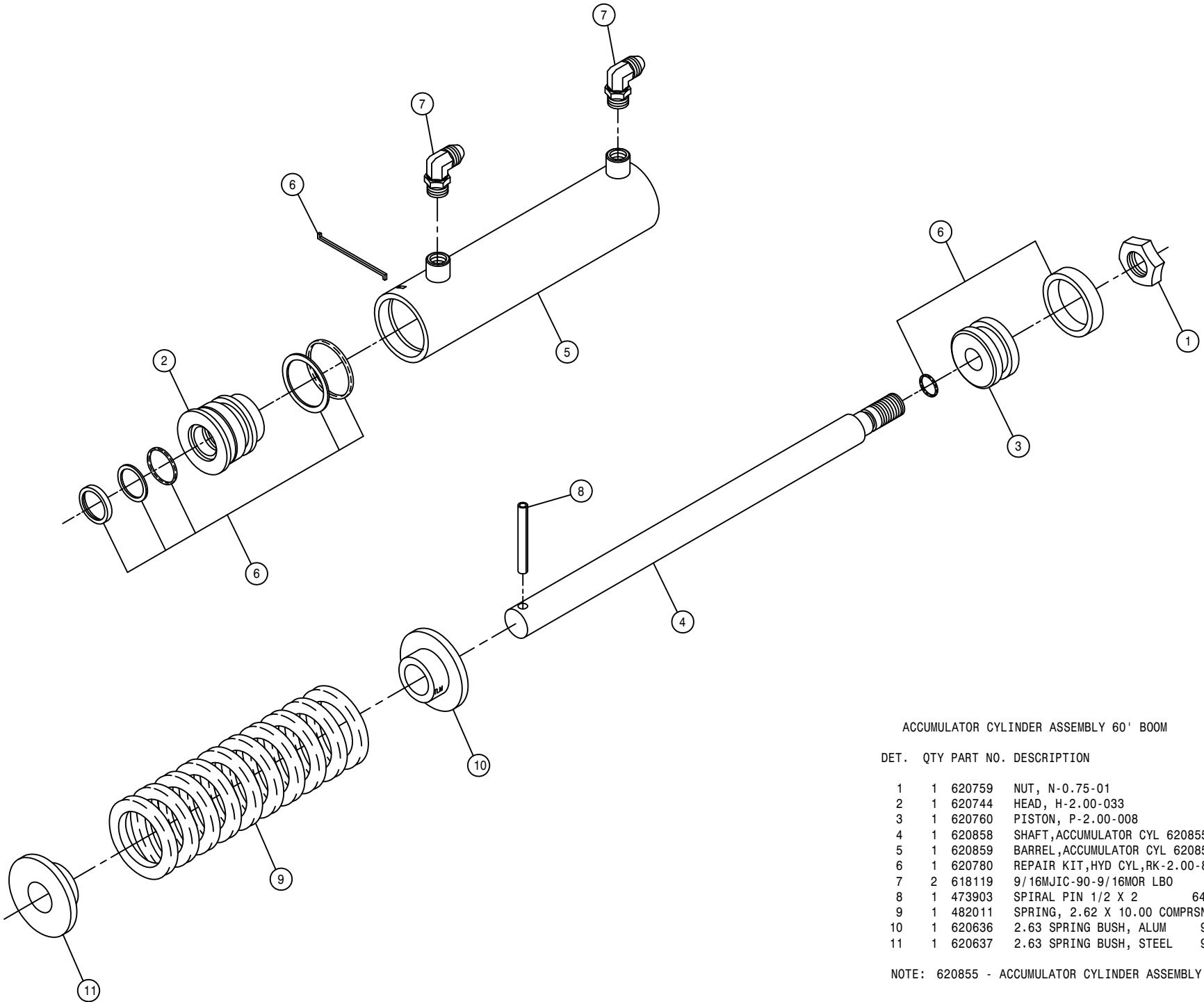
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION	
1	2	160429	FEEDER HOSE SUPPORT SPRING MT	
2	4	160691	BUSH LIFT ARM LONG 470	
3	2	164123	NOZL MT TUBE, 254/284	96
4	2	164125	NOZL MT TUBE HANGER CHAN	96
5	2	164127	NOZL MT TUBE CLAMP	96
6	2	164128	LEVEL CYL PIVOT BRKT WLD	96
7	2	164315	BOOM BREAKAWAY WLD	97
8	2	900848	5/8UNC X 4 3/4 HEX BOLT GR8	
9	2	470136	3/8UNC-3 1/16ID-3 SQ U-BOLT	
10	4	164264	5/8UNC X 3" EYE BOLT	
11	6	471005	1/4 28 X 1/2 GREASE ZERK	
12	8	900007	1/4UNC X 2" HEX BOLT	
13	2	900849	5/8UNC X 4 1/2 HHCS,7/8THD GR8	
14	4	910010	5/8UNC HEX NUT	
15	8	914000	1/4UNC HEX STOVER NUT	
16	4	914004	3/8UNC HEX STOVER NUT	
17	1	164308	TRANSOM WLD, 284	97
18	12	914010	5/8UNC HEX STOVER NUT	
19	8	920005	5/8 SAE FLAT WASHER	
20	4	920006	3/4 SAE FLAT WASHER	
21	2	164230	BOOM PIVOT PIN, .75 X 13.31 96	
22	4	470162	COTTER PIN 3/16 X 1 1/2 SQCUT	
23	2	482000	SPRING, .930D X 8.5LG, .072WIRE	
24	2	520126	CUSH HOSE CLAMP 2IN X 5/8W	
25	2	621015	BOOM LEVEL CYL ASSY	
26	2	621033	BOOM HINGE FOLD CYL ASSY, 284	
27	4	900829	5/8UNC X 4" HEX BOLT GR8	
28	2	900844	5/8UNC X 2 3/4 HEX BOLT GR8	
29	2	471023	GREASE ZERK 1/4-28 X 45	
30	4	520099	HOSE CLAMP NO 40 STAINLESS	
31	2	621016	ACCUMULATOR CYL ASSY, 60 BOOM	
32	2	621017	ACCUMULATOR CYL ASSY, 80/90BOOM	
33	4	629735	CAPLUG, 1 1/4" SQ, BLACK POLY	
34	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
35	2	470121	1/4UNC HEX FLANGE LOCK NUT	



52

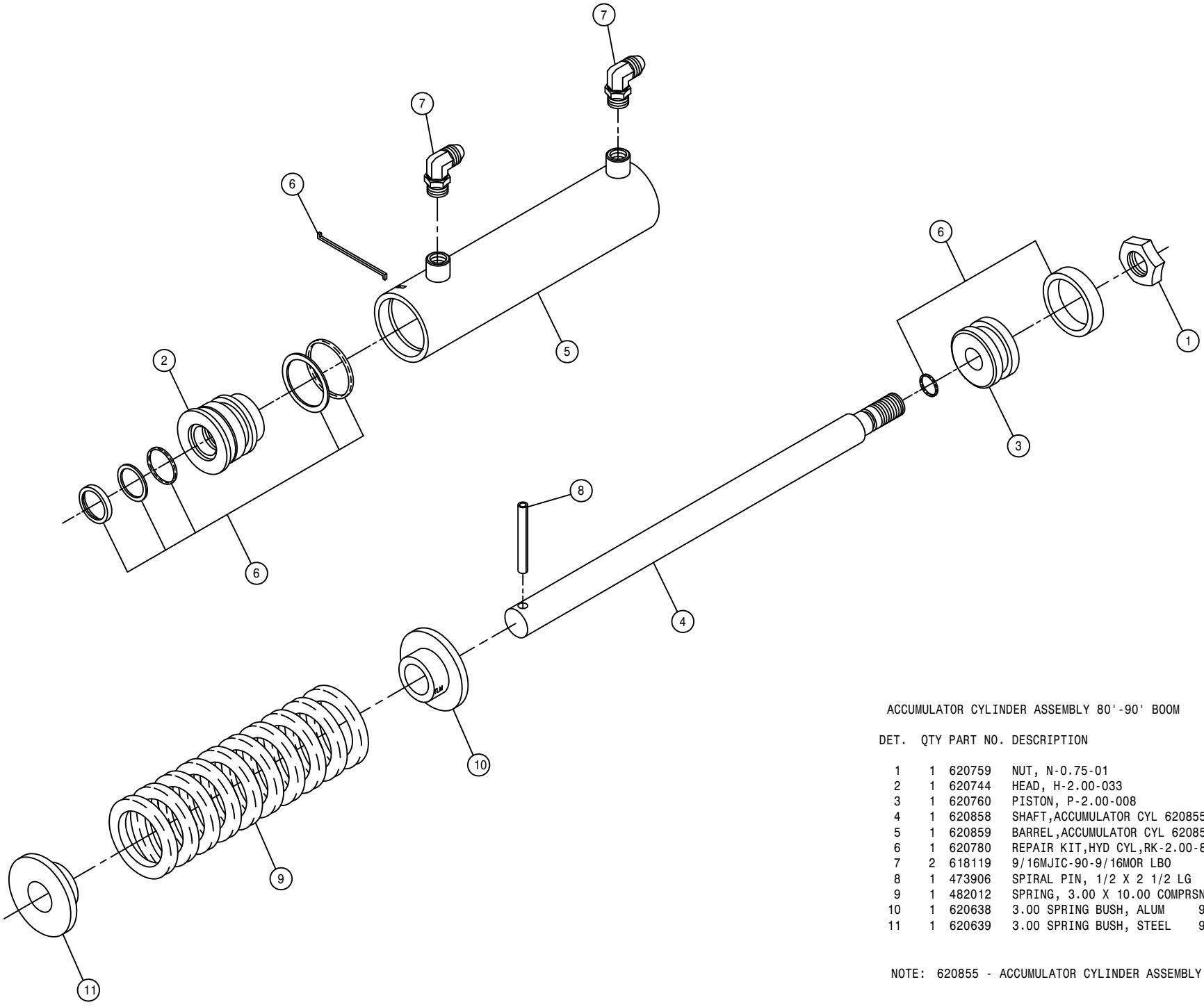
262052



ACCUMULATOR CYLINDER ASSEMBLY 60' BOOM

DET.	QTY	PART NO.	DESCRIPTION
	1	620759	NUT, N-0.75-01
	1	620744	HEAD, H-2.00-033
	1	620760	PISTON, P-2.00-008
	1	620858	SHAFT, ACCUMULATOR CYL 620855
	1	620859	BARREL, ACCUMULATOR CYL 620855
	1	620780	REPAIR KIT, HYD CYL, RK-2.00-806
	2	618119	9/16MJIC-90-9/16MOR LBO
	1	473903	SPIRAL PIN 1/2 X 2 640
	1	482011	SPRING, 2.62 X 10.00 COMPRSN
	1	620636	2.63 SPRING BUSH, ALUM 96
	1	620637	2.63 SPRING BUSH, STEEL 96

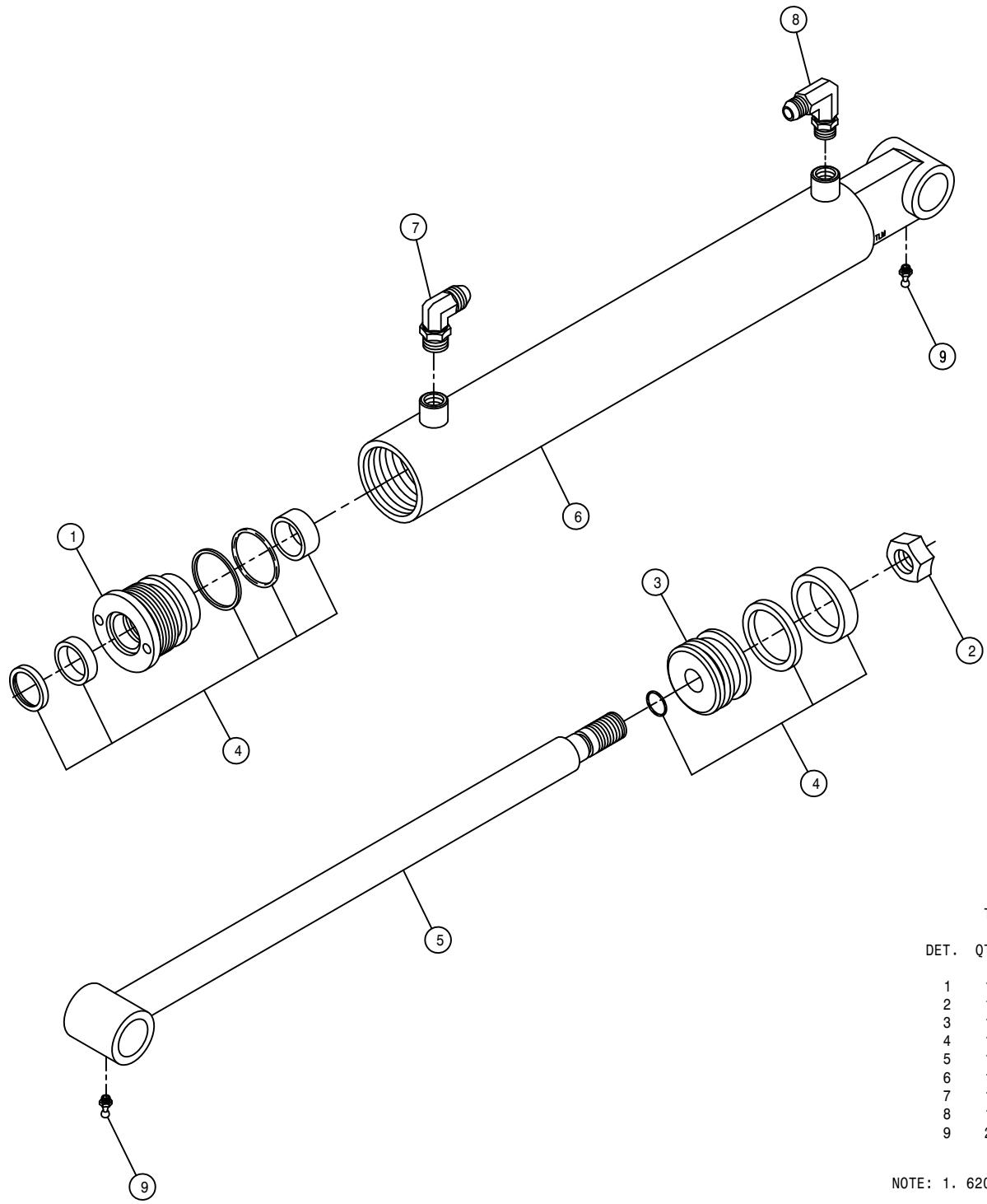
NOTE: 620855 - ACCUMULATOR CYLINDER ASSEMBLY 1-6



ACCUMULATOR CYLINDER ASSEMBLY 80'-90' BOOM

DET.	QTY	PART NO.	DESCRIPTION
	1	620759	NUT, N-0.75-01
	1	620744	HEAD, H-2.00-033
	1	620760	PISTON, P-2.00-008
	1	620858	SHAFT, ACCUMULATOR CYL 620855
	1	620859	BARREL, ACCUMULATOR CYL 620855
	1	620780	REPAIR KIT, HYD CYL, RK-2.00-806
	2	618119	9/16MJIC-90-9/16MOR LBO
	1	473906	SPIRAL PIN, 1/2 X 2 1/2 LG
	1	482012	SPRING, 3.00 X 10.00 COMPRN
	1	620638	3.00 SPRING BUSH, ALUM 96
	1	620639	3.00 SPRING BUSH, STEEL 96

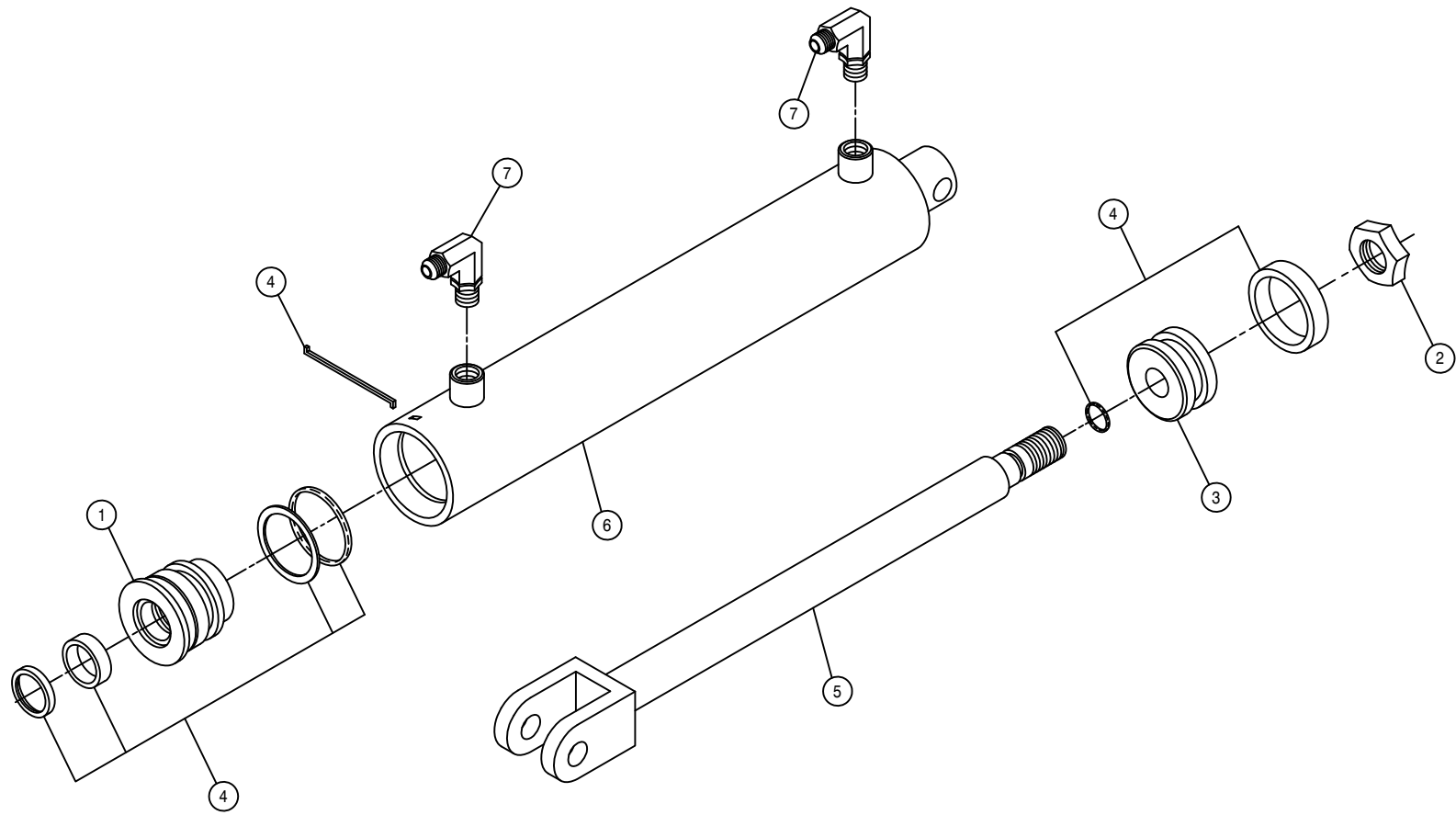
NOTE: 620855 - ACCUMULATOR CYLINDER ASSEMBLY 1-6



TRANSOM LIFT CYLINDER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	620748	HEAD, H-2.50-350
2	1	620759	NUT, N-0.75-01
3	1	620764	PISTON, P-2.50-107
4	1	620785	REPAIR KIT, HYD CYL, RK-2.50-800
5	1	620843	SHAFT, TRANSOM LIFT CYL 620840
6	1	620844	BARREL, TRANSOM LIFT CYL 620840
7	1	618119	9/16MJIC-90-9/16MOR LBO
8	1	618689	9/16MOR-90-9/16MJ .042 CHK VLV
9	2	471005	1/4 28 X 1/2 GREASE ZERK

NOTE: 1. 620840 - TRANSOM LIFT CYLINDER ASSEMBLY 1-6
 2. 621031 - TRANSOM LIFT CYLINDER ASSEMBLY WITH FITTINGS

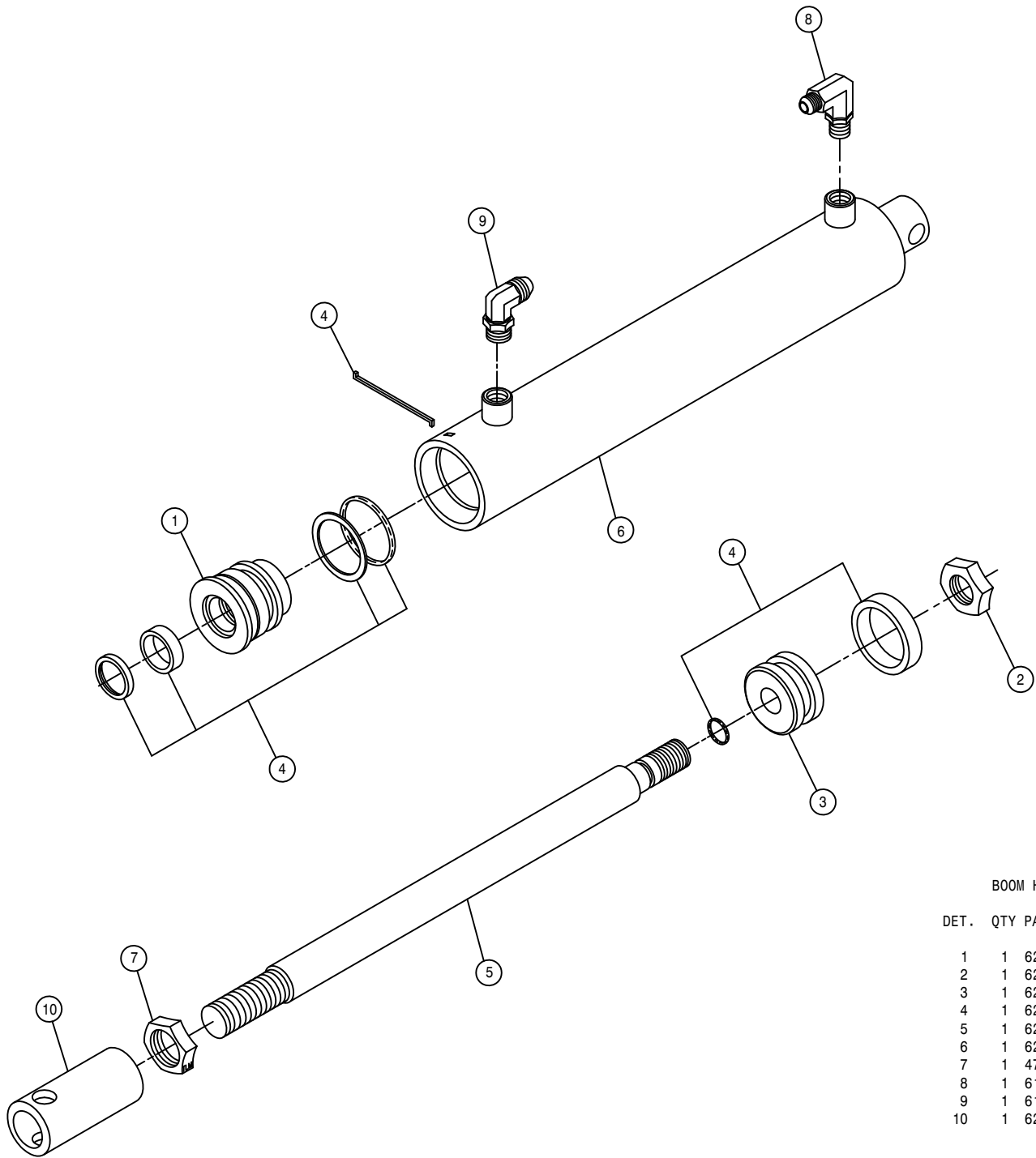


BOOM LEVEL CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	620744	HEAD, H-2.00-033
2	1	620759	NUT, N-0.75-01
3	1	620760	PISTON, P-2.00-008
4	1	620780	REPAIR KIT, HYD CYL, RK-2.00-806
5	1	620853	SHAFT, BOOM LEVEL CYL 620850
6	1	620854	BARREL, BOOM LEVEL CYL 620850
7	2	618119	9/16MJIC-90-9/16MOR LBO

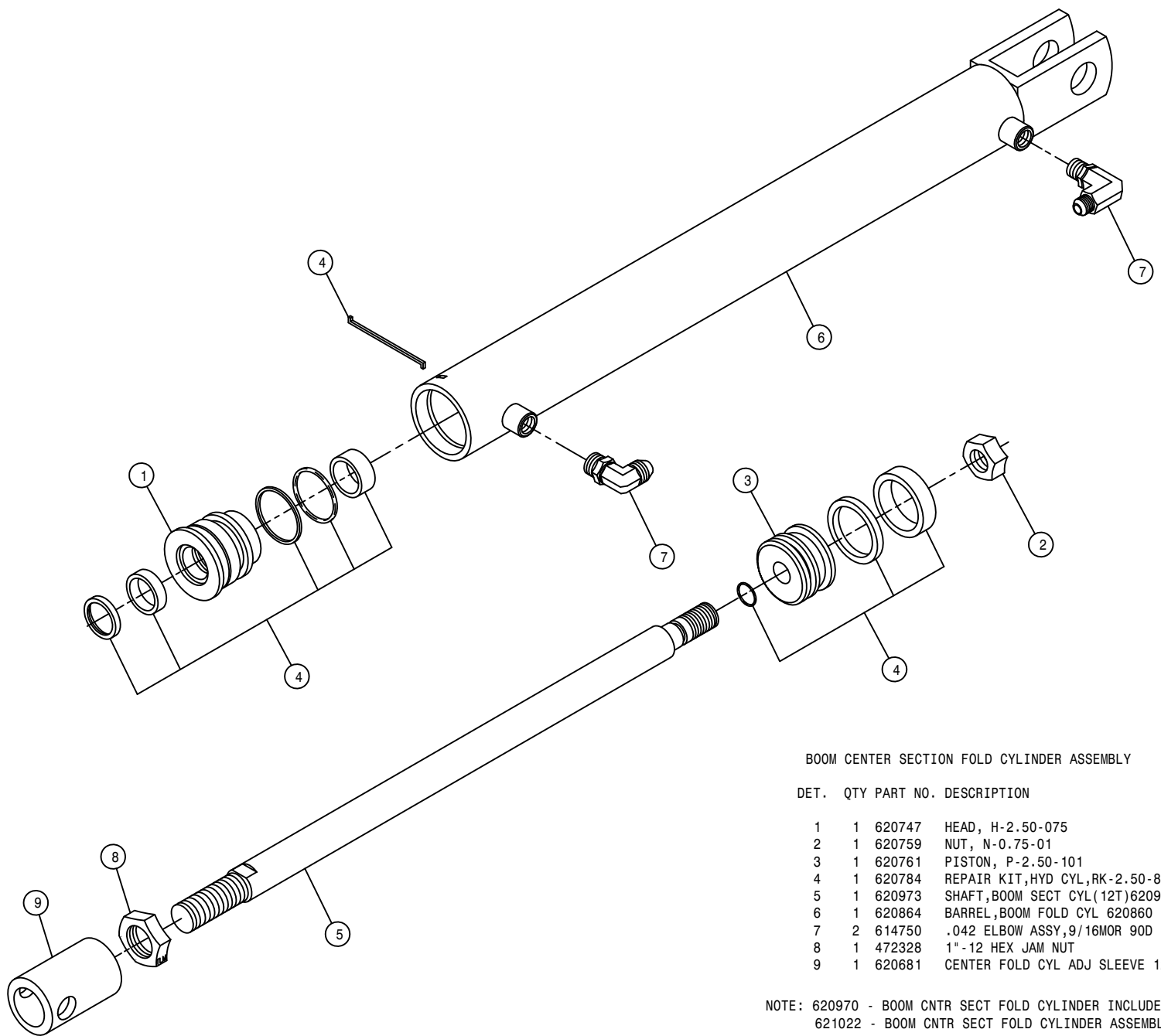
NOTE: 1. 620850 - BOOM LEVEL CYLINDER ASSEMBLY 1-6
 2. 621015 - BOOM LEVEL CYLINDER ASSEMBLY WITH FITTINGS



BOOM HINGE FOLD CYLINDER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	620744	HEAD, H-2.00-033
	1	620759	NUT, N-0.75-01
	1	620760	PISTON, P-2.00-008
	1	620780	REPAIR KIT, HYD CYL, RK-2.00-806
	1	620848	SHAFT, BOOM FOLD CYL 620845
	1	620849	BARREL, BOOM FOLD CYL 620845
	1	472322	7/8UNF HEX JAM NUT
	1	614750	.042 ELBOW ASSY, 9/16MOR 90D
	1	618688	9/16MOR-90-9/16MJ .025 CHK VLV
	1	620653	FOLD CYL ADJ SLEEVE 97

NOTE: 1. 620845 - BOOM HINGE FOLD CYLINDER ASSEMBLY 1-6
 2. 621033 - BOOM HINGE FOLD CYLINDER ASSEMBLY WITH FITTINGS

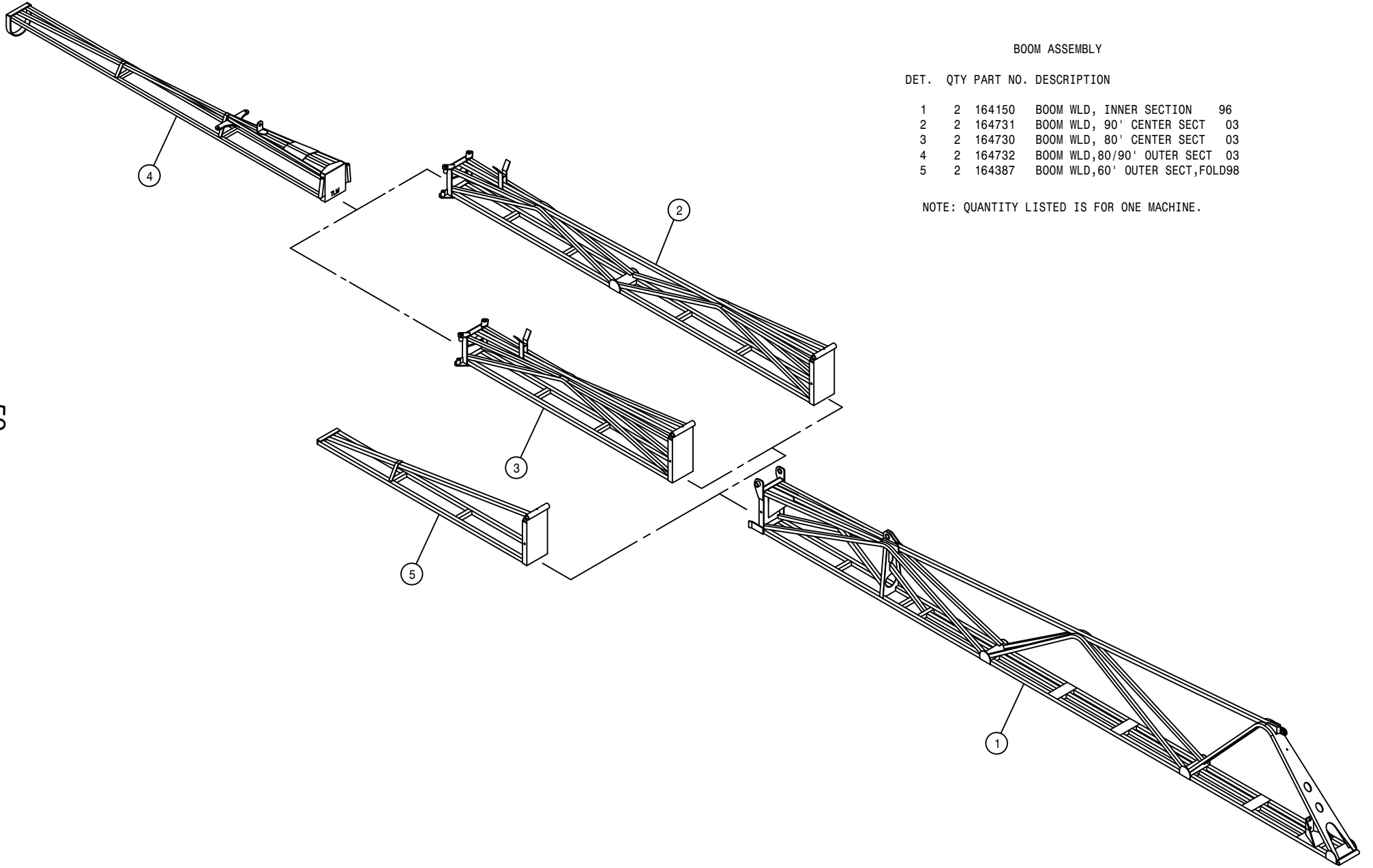


BOOM CENTER SECTION FOLD CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	620747	HEAD, H-2.50-075
2	1	620759	NUT, N-0.75-01
3	1	620761	PISTON, P-2.50-101
4	1	620784	REPAIR KIT, HYD CYL, RK-2.50-801
5	1	620973	SHAFT, BOOM SECT CYL (12T) 620970
6	1	620864	BARREL, BOOM FOLD CYL 620860
7	2	614750	.042 ELBOW ASSY, 9/16MOR 90D
8	1	472328	1" - 12 HEX JAM NUT
9	1	620681	CENTER FOLD CYL ADJ SLEEVE 12T

NOTE: 620970 - BOOM CNTR SECT FOLD CYLINDER INCLUDES ITEMS 1-6.
 621022 - BOOM CNTR SECT FOLD CYLINDER ASSEMBLY WITH FITTINGS

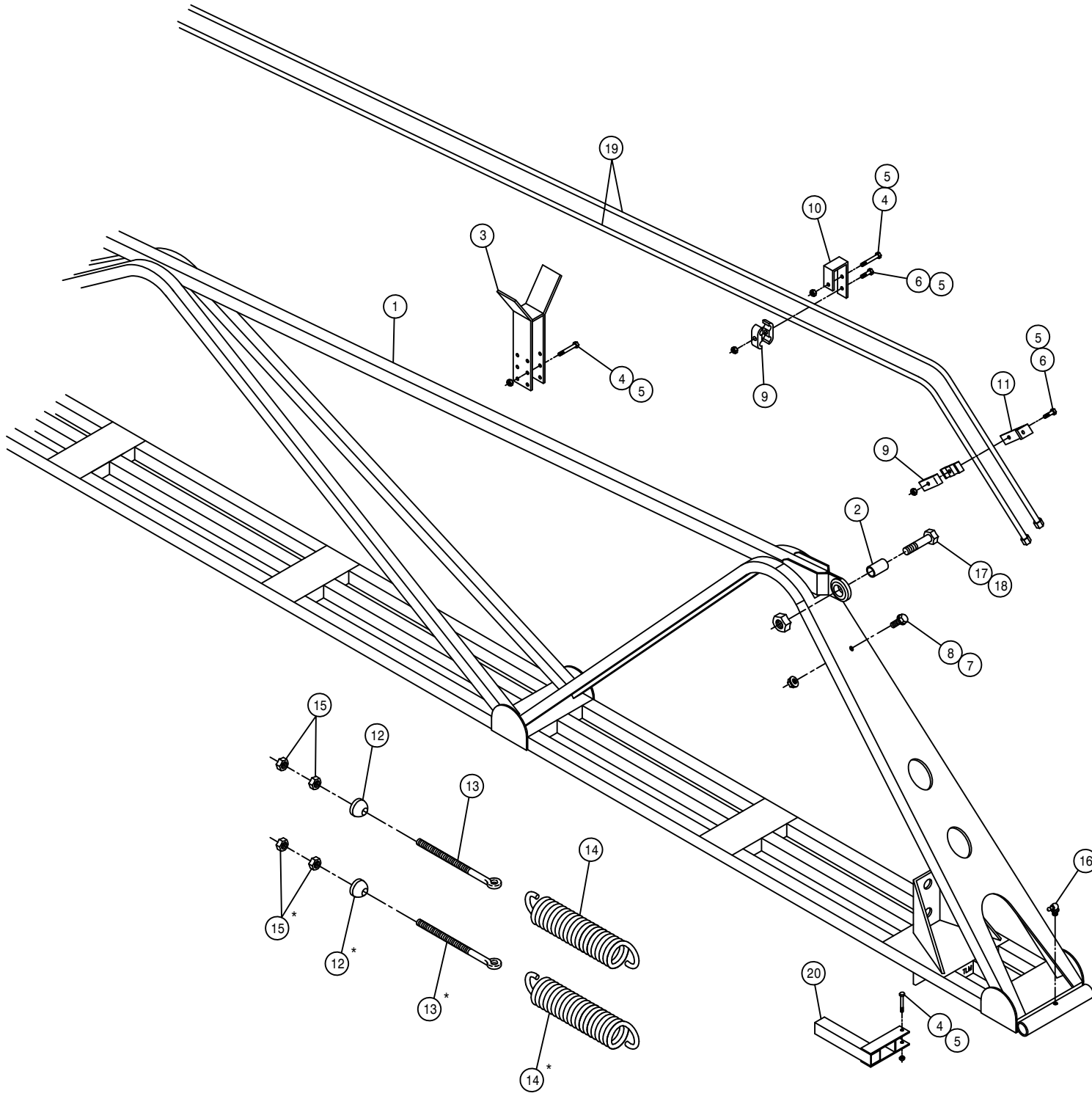


BOOM ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	2	164150	BOOM WLD, INNER SECTION	96
2	2	164731	BOOM WLD, 90' CENTER SECT	03
3	2	164730	BOOM WLD, 80' CENTER SECT	03
4	2	164732	BOOM WLD, 80/90' OUTER SECT	03
5	2	164387	BOOM WLD, 60' OUTER SECT, FOLD98	

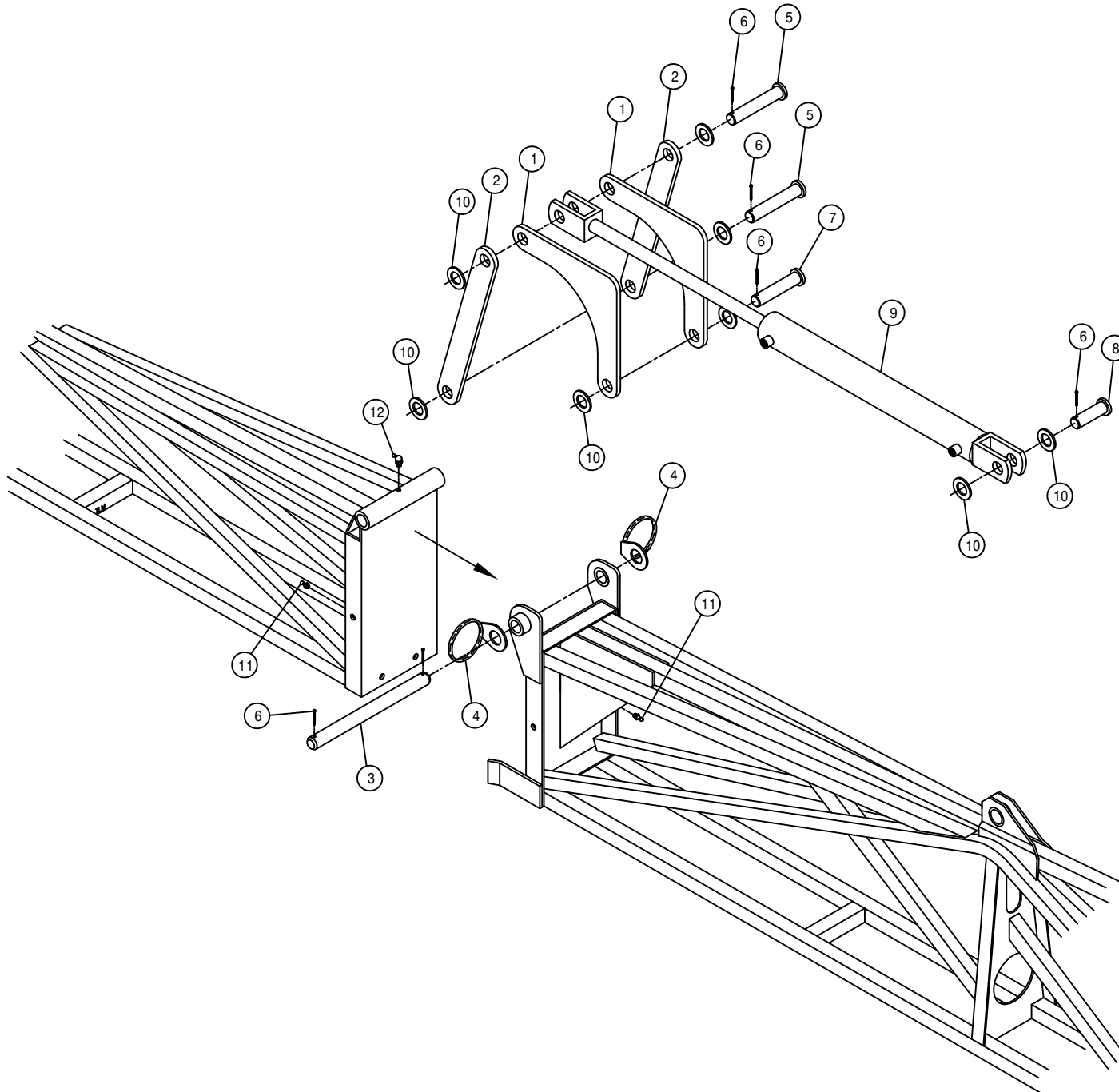
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



INNER BOOM ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
1	2	164150	BOOM WLD, INNER SECTION	96
2	2	164227	BOOM BALL JOINT BUSH	96
3	2	164266	OUTER BOOM SUPP WLD,80/90'	96
4	18	900007	1/4UNC X 2" HEX BOLT	
5	28	914000	1/4UNC HEX STOVER NUT	
6	10	900004	1/4UNC X 1 1/4 HEX BOLT	
7	2	470121	1/4UNC HEX FLANGE LOCK NUT	
8	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
9	10	470287	TUBE CLAMP, .375-.375 (PAIR)	
10	8	164242	HYD TUBE HANGER CLEVIS,BOOM96	
11	2	164243	HYD TUBE HANGER ANGLE,BOOM 96	
12	4	164263	SWIVEL, 5/8 BOOM EYEBOLT	
13	4	164265	5/8UNC X 7 1/2 EYE BOLT	
14	4	482014	SPRING,3.25 X 11.50 EXTENSION	
15	8	910010	5/8UNC HEX NUT	
16	2	471028	GREASE ZERK, 1/4-28 90DEG	
17	2	900844	5/8UNC X 2 3/4 HEX BOLT GR8	
18	2	914010	5/8UNC HEX STOVER NUT	
19	4	615684	HYD TUBE ASSY,BOOM EXT FOLD96	
20	2	164275	NOZL MT WLD	96

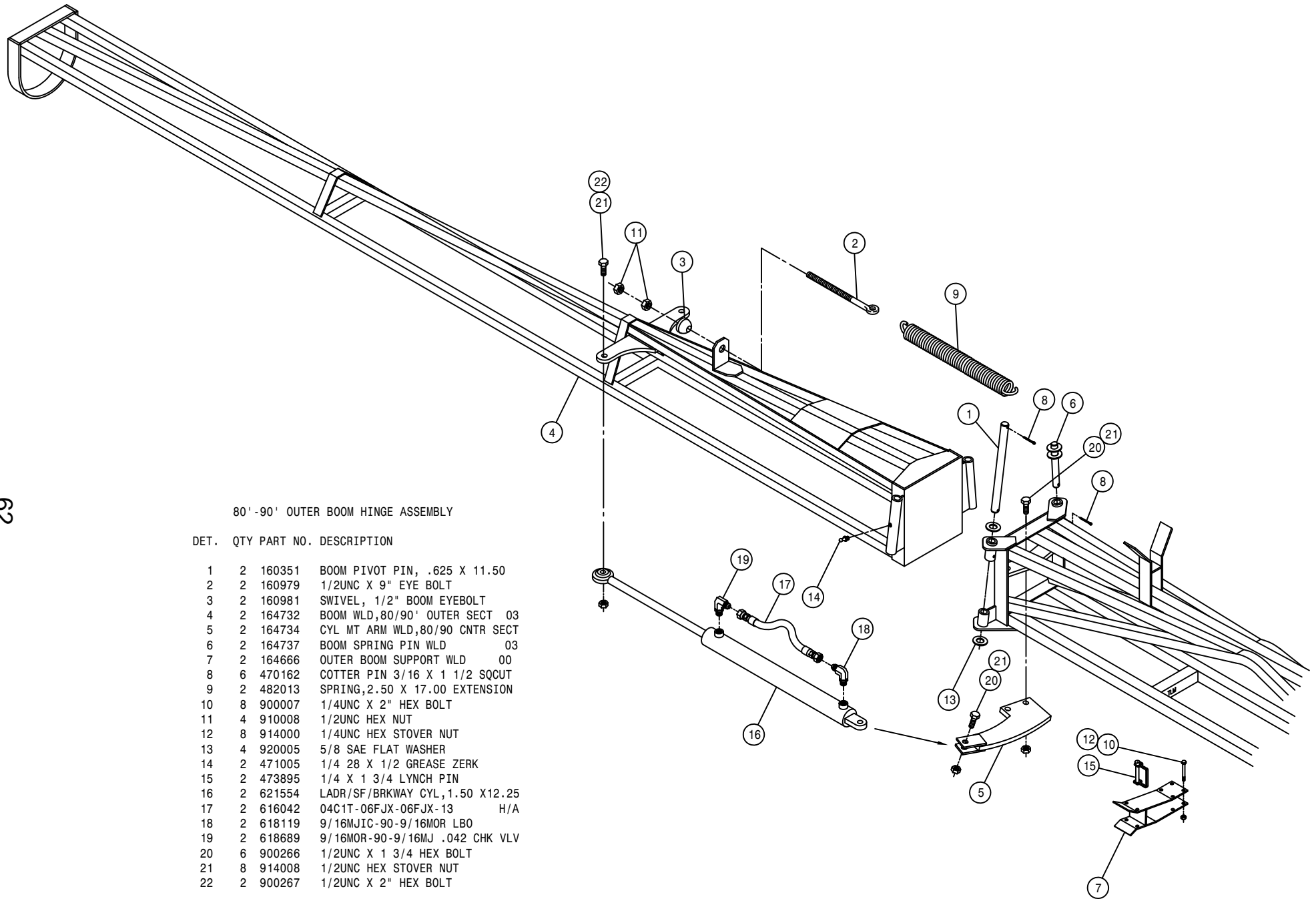
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.
 *60 FOOT BOOM USES ONE SPRING SETUP.



80'-90' BOOM HINGE PIVOT ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
	4	164228	FOLDING LINK, INNER BOOM	96
	4	164229	FOLDING LINK, BOOM CNTR SECT	96
	2	164231	BOOM PIN, 1.00 X 11.75	96
	4	438302	HOSE SUPPORT RING WLD	
	4	470155	CLEVIS PIN, 1.00 X 4.00	PLT
	12	470162	COTTER PIN 3/16 X 1 1/2	SQCUT
	2	472012	CLEVIS PIN, 1.00 X 3.25	PLT
	8	472270	CLEVIS PIN, 1.00 X 2.50	PLT
	2	621022	BOOM CNTR SECT CYL ASSY(12T)	03
	16	920008	1" SAE FLAT WASHER	
	4	471005	1/4 28 X 1/2 GREASE ZERK	
	2	471028	GREASE ZERK, 1/4-28 90DEG	

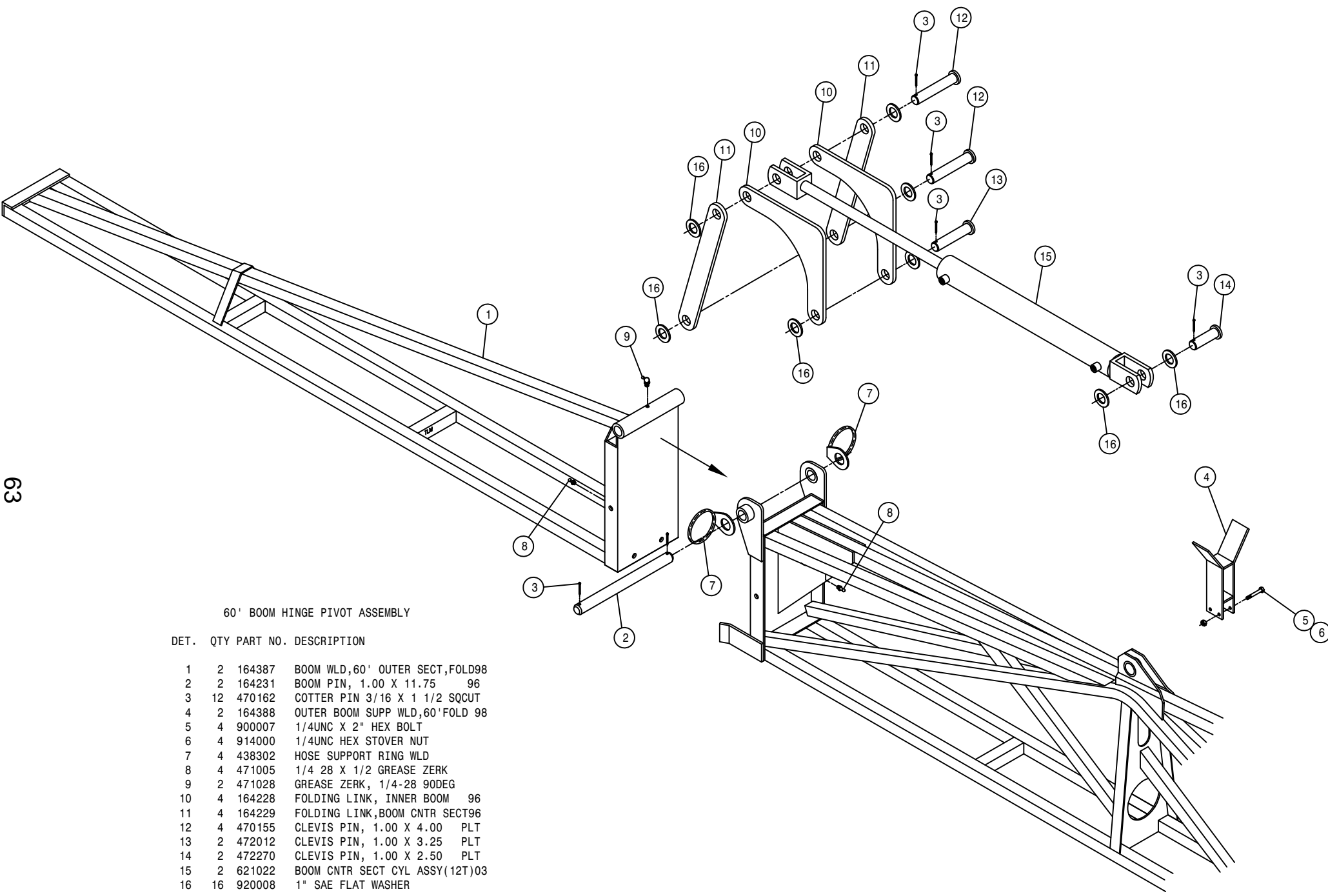
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



80'-90' OUTER BOOM HINGE ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	160351	BOOM PIVOT PIN, .625 X 11.50
2	2	160979	1/2UNC X 9" EYE BOLT
3	2	160981	SWIVEL, 1/2" BOOM EYEBOLT
4	2	164732	BOOM WLD,80/90' OUTER SECT 03
5	2	164734	CYL MT ARM WLD,80/90 CNTR SECT
6	2	164737	BOOM SPRING PIN WLD 03
7	2	164666	OUTER BOOM SUPPORT WLD 00
8	6	470162	COTTER PIN 3/16 X 1 1/2 SQCUT
9	2	482013	SPRING,2.50 X 17.00 EXTENSION
10	8	900007	1/4UNC X 2" HEX BOLT
11	4	910008	1/2UNC HEX NUT
12	8	914000	1/4UNC HEX STOVER NUT
13	4	920005	5/8 SAE FLAT WASHER
14	2	471005	1/4 28 X 1/2 GREASE ZERK
15	2	473895	1/4 X 1 3/4 LYNCH PIN
16	2	621554	LADR/SF/BRKWAY CYL,1.50 X12.25
17	2	616042	O4C1T-06FJX-06FJX-13 H/A
18	2	618119	9/16MJIC-90-9/16MOR LBO
19	2	618689	9/16MOR-90-9/16MJ .042 CHK VLV
20	6	900266	1/2UNC X 1 3/4 HEX BOLT
21	8	914008	1/2UNC HEX STOVER NUT
22	2	900267	1/2UNC X 2" HEX BOLT

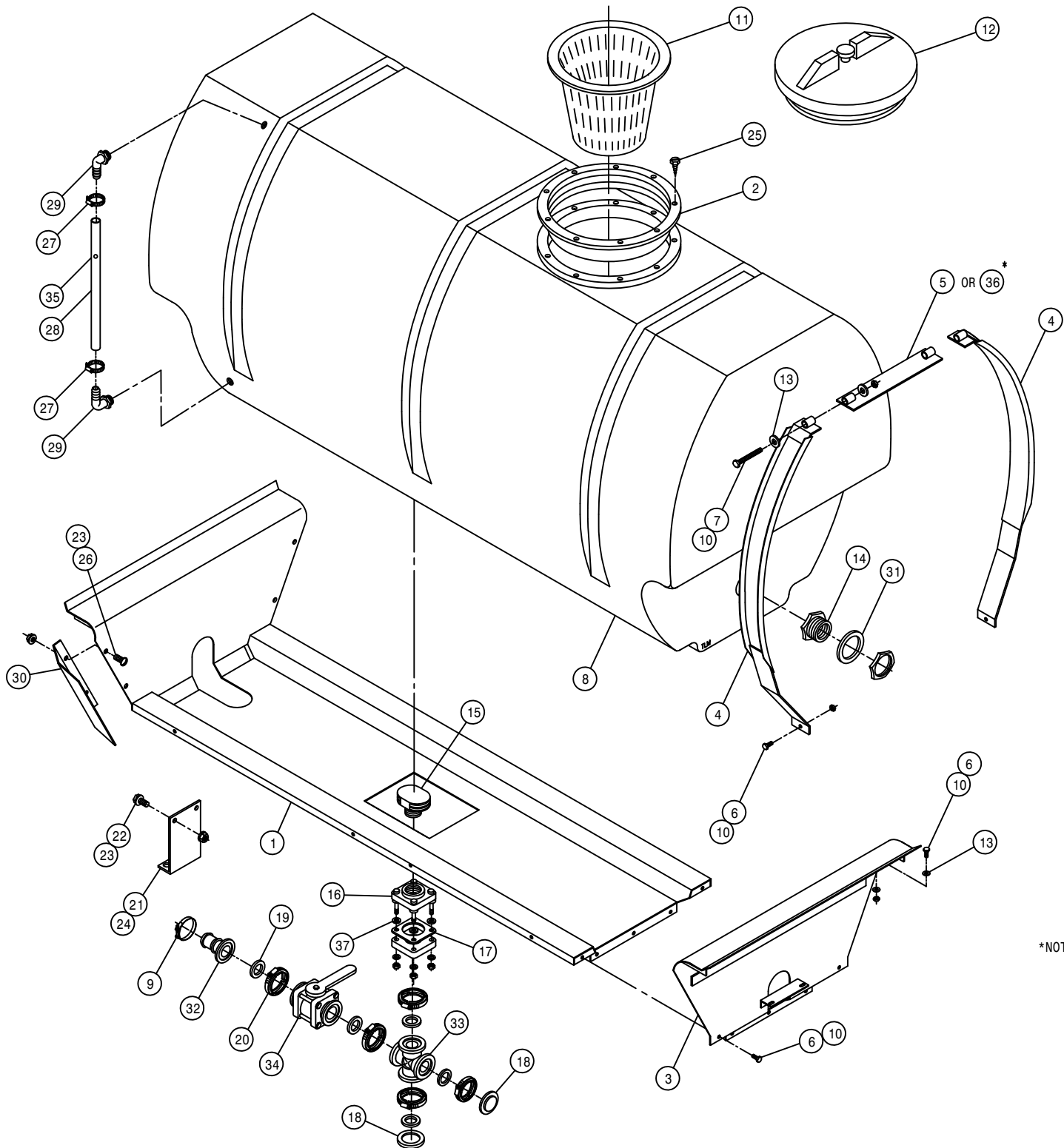
NOTE: 1. QUANTITY LISTED IS FOR ONE MACHINE.
 2. 621035 - BOOM BREAKAWAY CYLINDER ASSEMBLY.



60' BOOM HINGE PIVOT ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	164387	BOOM WLD,60' OUTER SECT,FOLD98
2	2	164231	BOOM PIN, 1.00 X 11.75 96
3	12	470162	COTTER PIN 3/16 X 1 1/2 SQCUT
4	2	164388	OUTER BOOM SUPP WLD,60'FOLD 98
5	4	900007	1/4UNC X 2" HEX BOLT
6	4	914000	1/4UNC HEX STOVER NUT
7	4	438302	HOSE SUPPORT RING WLD
8	4	471005	1/4 28 X 1/2 GREASE ZERK
9	2	471028	GREASE ZERK, 1/4-28 90DEG
10	4	164228	FOLDING LINK, INNER BOOM 96
11	4	164229	FOLDING LINK,BOOM CNTR SECT96
12	4	470155	CLEVIS PIN, 1.00 X 4.00 PLT
13	2	472012	CLEVIS PIN, 1.00 X 3.25 PLT
14	2	472270	CLEVIS PIN, 1.00 X 2.50 PLT
15	2	621022	BOOM CNTR SECT CYL ASSY(12T)03
16	16	920008	1" SAE FLAT WASHER

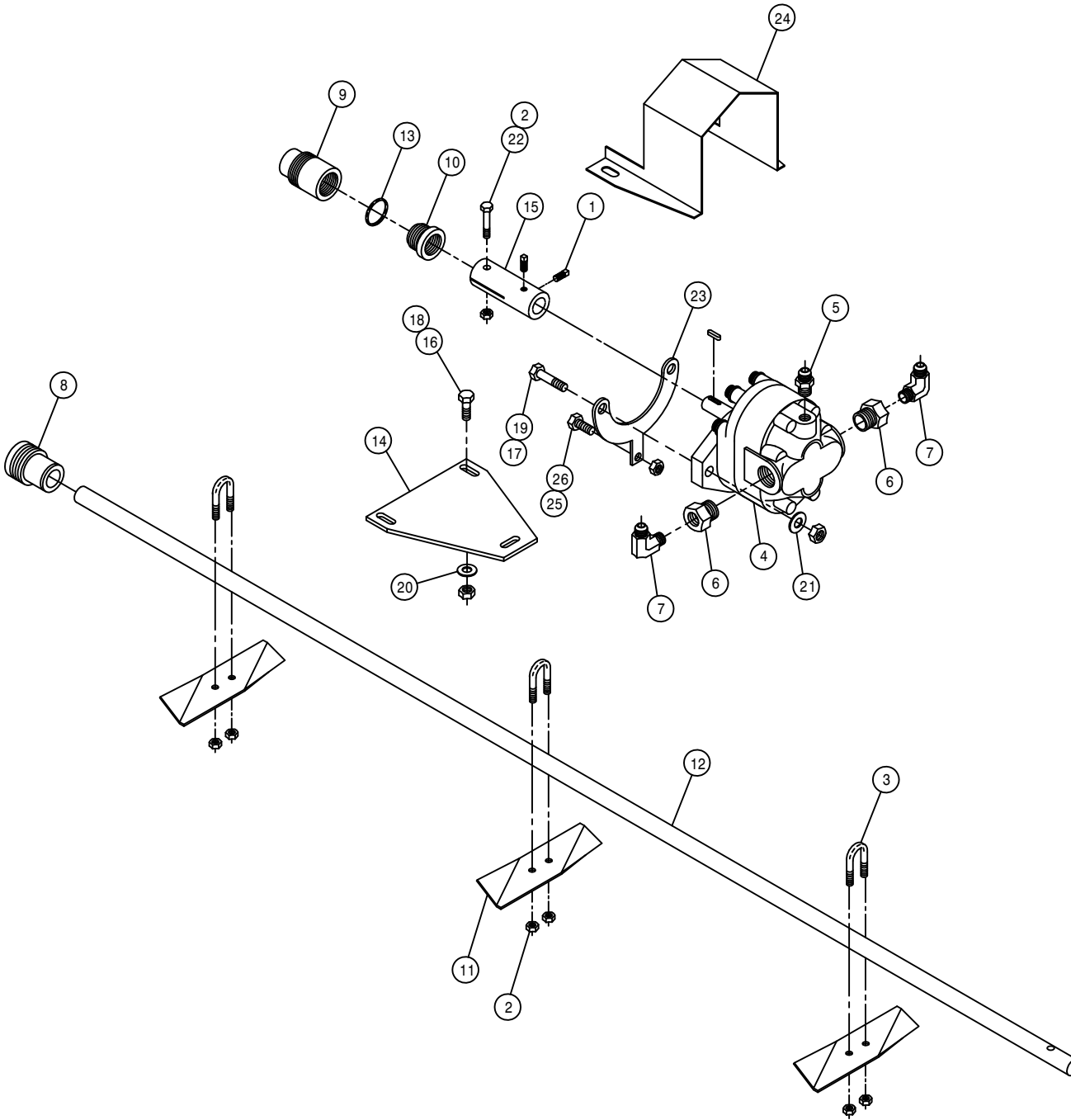
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



RH POLY 400 GALLON SOLUTION TANK ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	763434	POLY TANK CRADLE WELD, 284 94
2	1	763409	10" THD'D RING FOR TANK LID
3	1	763340	REAR POLY CRADLE MT WLD280 90
4	6	763454	TANK BAND WLD, 284 POLY 95
5	3	763456	TANK BAND TIE WLD,284 POLY 95
6	15	900129	3/8UNC X 1" HEX BOLT
7	6	906138	3/8UNC X 3 1/2 HEX BOLT FULL
8	1	763440	400 GAL GRAY POLY SOLU TANK 94
9	1	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
10	21	914004	3/8UNC HEX STOVER NUT
11	1	763431	8" STRAINER BASKET, SOLU TANK
12	1	763408	LID, THD'D W/VENT, POLY TANK
13	20	920002	3/8 SAE FLAT WASHER
14	2	618548	1.25 PLASTIC FTG ASSY POLYTANK
15	1	500077	VENT CAP, 2" W/O SCREEN,POLY
16	1	500179	2"FLG TANK FTG,BOTDRN BLT POLY
17	1	500087	GASKET,2" TANK FLG 500076/179
18	2	500156	2" FLANGE CAP PLUG POLY
19	5	500158	1 1/2" GASKET FOR 2" FLANGE
20	5	500160	2" FLANGE CLAMP, S.S.
21	1	763363	SOLU HOSE SUPPORT 280 POLY 91
22	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT
23	4	470121	1/4UNC HEX FLANGE LOCK NUT
24	1	470000	CABLE TIE, 21" BLACK PLASTIC
25	8	763410	S.S. SCREW FOR CAP RING
26	2	472269	1/4UNC X 1/2 TRUSS HD BOLT
27	2	520069	HOSE CLAMP NO 6 STAINLESS
28	1	601245	HOSE, 1/2 X 42 CLEAR VINYL
29	2	618556	1/4NPT-90-1/2 HOSE BARB,POLY
30	1	763436	RH SIGHT GAGE SHLD,POLY284 94
31	2	763430	1 1/4 TANK FLANGE RUBBER SEAL
32	1	500162	2" FLANGE-1 1/2 HOSE BARB POLY
33	1	500176	2" FLANGE CROSS POLY
34	1	696142	BALL VLV, 2" FLANGE
35	1	763446	RED POLYPROPYLENE BALL 25/64"
36	3	763460	BAND TIE/WALK MT WLD, 284 95
37	4	500100	FOOT GASKET,2" FLG 500076/179

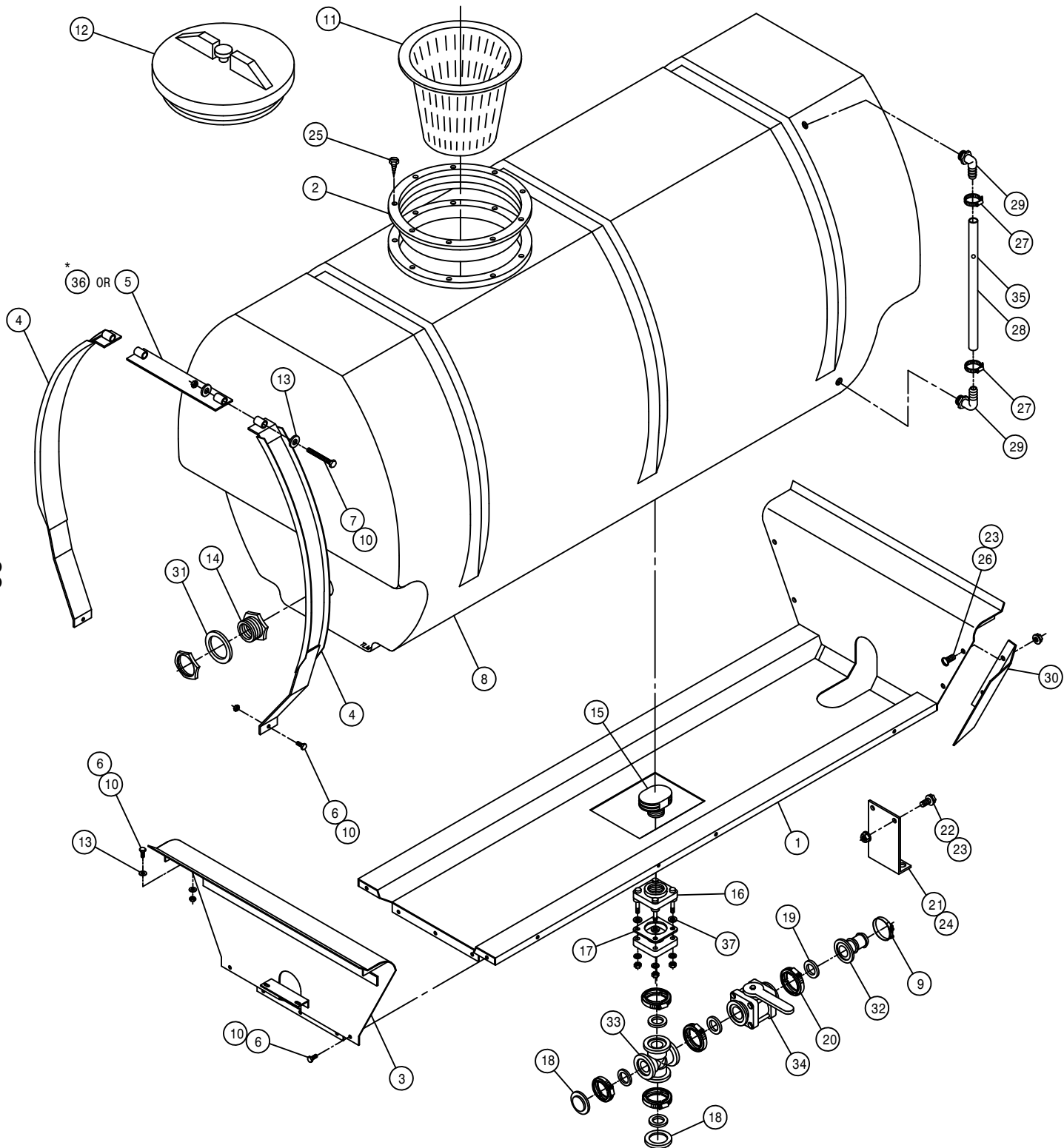
*NOTE: ITEM 36 IS USED WITH THE NARROW TREAD OPTION.



RH POLY TANK AGITATOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

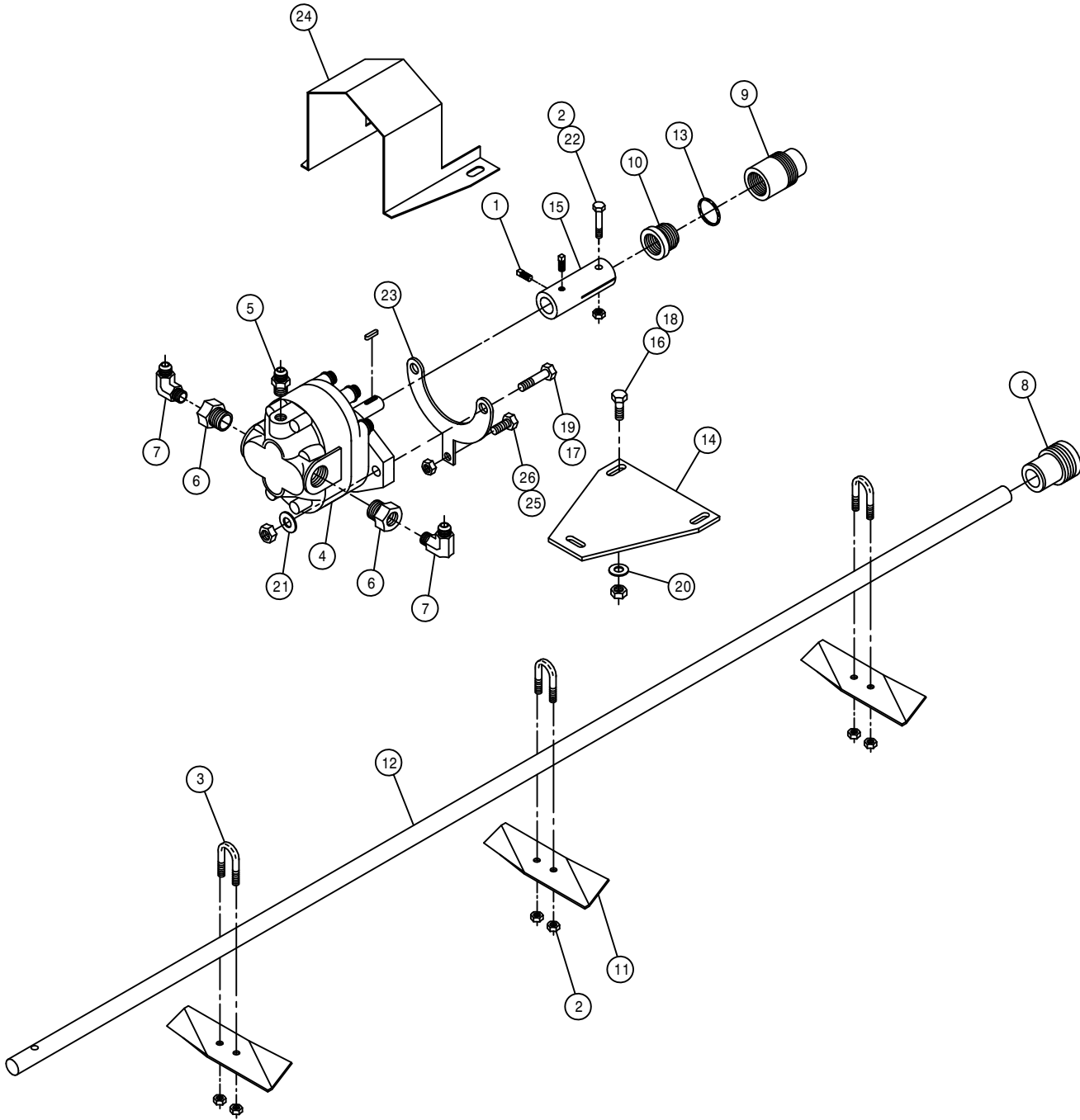
1	2	470199	1/4UNC X 3/8 SQHD CUP SET SCR	
2	7	470089	1/4UNC HEX LOC NUT NYL INS SS	
3	3	470092	1/4UNC-3/4ID-1 1/4 U-BOLT SS	
4	1	610510	CESSNA GEAR MOTOR 1.48CI	
5	1	611121	9/16MJIC-1/4MNPT ADPTR	
6	2	618092	1 1/16MOR-1/2FNPT ADPTR	
7	2	618107	9/16MJIC-90-1/2MNPT LBO	
8	1	706403	FRT AGIT SHFT BRG, NYLON	
9	1	706401	REAR AGIT SHFT BRG, NYLON	
10	1	706402	AGIT SHFT GLAND NUT, NYLON	
11	3	763027	AGIT IMPELLER	
12	1	763360	AGIT SHAFT 280	91
13	1	763217	GLAND PACKING, 13 IN. LONG	
14	1	763357	AGIT MTR MT PLT CES 280	91
15	1	763359	AGIT MTR CPLR 280	91
16	2	900064	5/16UNC X 3/4 HEX BOLT	
17	2	900130	3/8UNC X 1 1/4 HEX BOLT	
18	2	914002	5/16UNC HEX STOVER NUT	
19	2	914004	3/8UNC HEX STOVER NUT	
20	2	920001	5/16 SAE FLAT WASHER	
21	2	920002	3/8 SAE FLAT WASHER	
22	1	470200	1/4UNC X 1 3/4 HEX BOLT SS	
23	1	763358	AGIT MTR MT YOKE CES 280	91
24	1	763361	AGIT CPLR SHIELD 280	91
25	1	900000	1/4UNC X 1/2 HEX BOLT	
26	1	914000	1/4UNC HEX STOVER NUT	



LH POLY 400 GALLON SOLUTION TANK ASSEMBLY

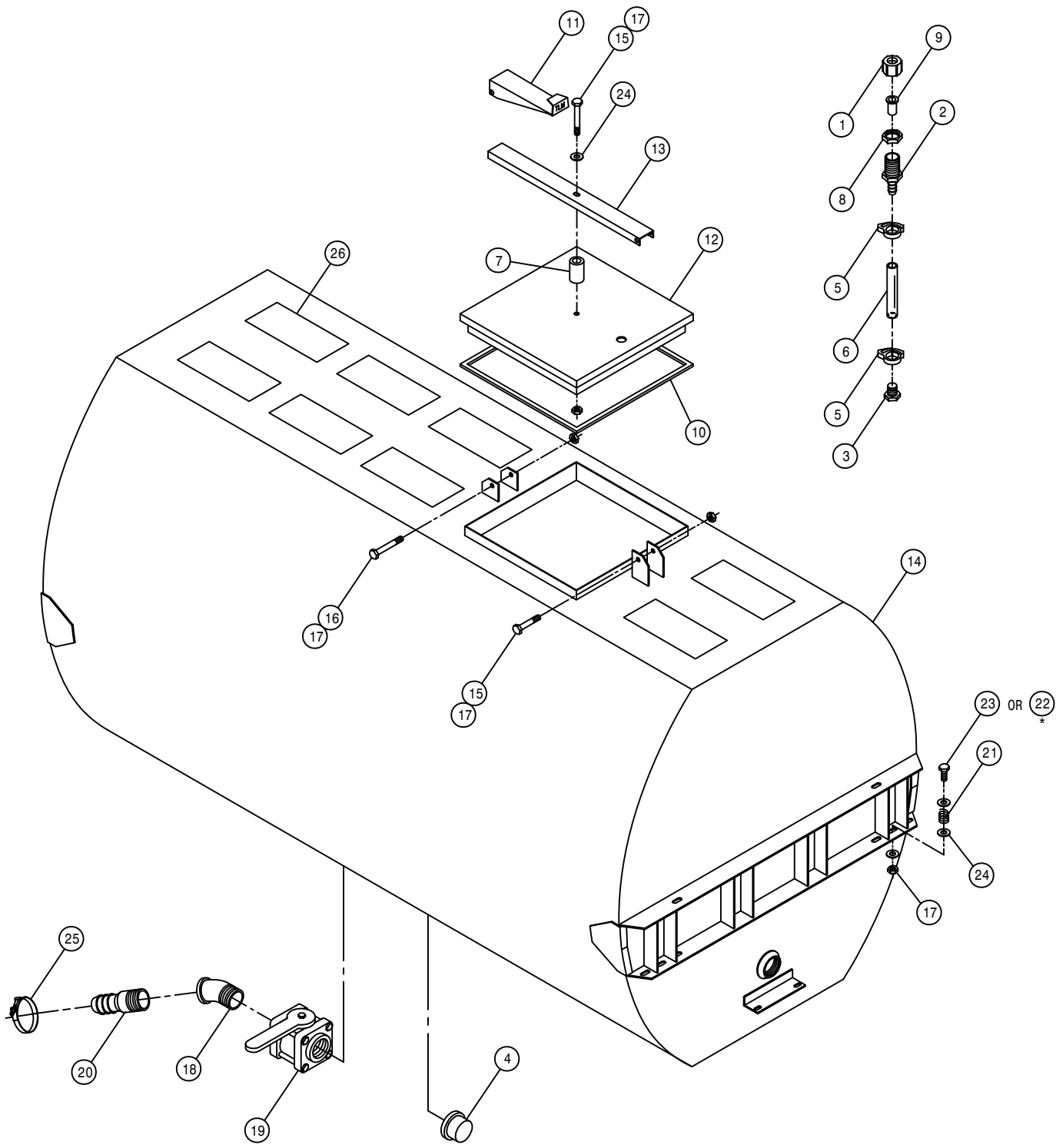
DET.	QTY	PART NO.	DESCRIPTION
	1	763434	POLY TANK CRADLE WELD, 284 94
	2	763409	10" THD'D RING FOR TANK LID
	3	763340	REAR POLY CRADLE MT WLD280 90
	4	763454	TANK BAND WLD, 284 POLY 95
	5	763456	TANK BAND TIE WLD,284 POLY 95
	6	900129	3/8UNC X 1" HEX BOLT
	7	906138	3/8UNC X 3 1/2 HEX BOLT FULL
	8	763440	400 GAL GRAY POLY SOLU TANK 94
	9	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
	10	914004	3/8UNC HEX STOVER NUT
	11	763431	8" STRAINER BASKET, SOLU TANK
	12	763408	LID, THD'D W/VENT, POLY TANK
	13	920002	3/8 SAE FLAT WASHER
	14	618548	1.25 PLASTIC FTG ASSY POLYTNK
	15	500077	VENT CAP, 2" W/O SCREEN,POLY
	16	500179	2"FLG TANK FTG,BOTDRN BLT POLY
	17	500087	GASKET,2" TANK FLG 500076/179
	18	500156	2" FLANGE CAP PLUG POLY
	19	500158	1 1/2" GASKET FOR 2" FLANGE
	20	500160	2" FLANGE CLAMP, S.S.
	21	763363	SOLU HOSE SUPPORT 280 POLY 91
	22	470118	1/4UNC X 3/4 FLANGE HEX BOLT
	23	470121	1/4UNC HEX FLANGE LOCK NUT
	24	470000	CABLE TIE, 21" BLACK PLASTIC
	25	763410	S.S. SCREW FOR CAP RING
	26	472269	1/4UNC X 1/2 TRUSS HD BOLT
	27	520069	HOSE CLAMP NO 6 STAINLESS
	28	601245	HOSE, 1/2 X 42 CLEAR VINYL
	29	618556	1/4NPT-90-1/2 HOSE BARB,POLY
	30	763437	LH SIGHT GAGE SHLD,POLY284 94
	31	763430	1 1/4 TANK FLANGE RUBBER SEAL
	32	500162	2" FLANGE-1 1/2 HOSE BARB POLY
	33	500176	2" FLANGE CROSS POLY
	34	696142	BALL VLV, 2" FLANGE
	35	763446	RED POLYPROPYLENE BALL 25/64"
	36	763460	BAND TIE/WALK MT WLD, 284 95
	37	500100	FOOT GASKET,2" FLG 500076/179

*NOTE: ITEM 36 IS USED WITH THE NARROW TREAD OPTION.



LH POLY TANK AGITATOR ASSEMBLY

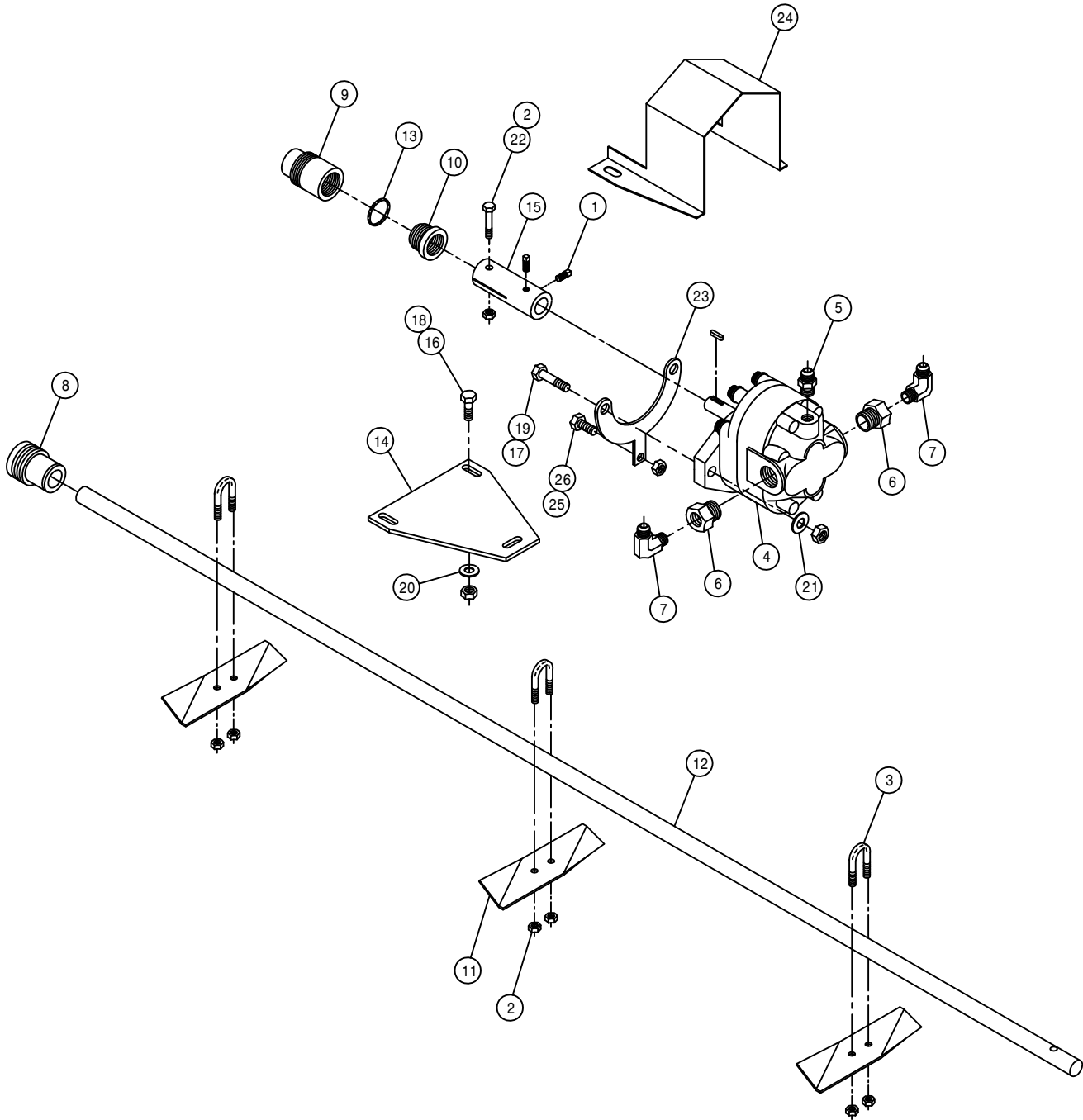
DET.	QTY	PART NO.	DESCRIPTION
	1	2 470199	1/4UNC X 3/8 SQHD CUP SET SCR
	2	7 470089	1/4UNC HEX LOC NUT NYL INS SS
	3	3 470092	1/4UNC-3/4ID-1 1/4 U-BOLT SS
	4	1 610510	CESSNA GEAR MOTOR 1.48CI
	5	1 611121	9/16MJIC-1/4MNPT ADPTR
	6	2 618092	1 1/16MOR-1/2FNPT ADPTR
	7	2 618107	9/16MJIC-90-1/2MNPT LBO
	8	1 706403	FRT AGIT SHFT BRG, NYLON
	9	1 706401	REAR AGIT SHFT BRG, NYLON
	10	1 706402	AGIT SHFT GLAND NUT, NYLON
	11	3 763027	AGIT IMPELLER
	12	1 763360	AGIT SHAFT 280 91
	13	1 763217	GLAND PACKING, 13 IN. LONG
	14	1 763357	AGIT MTR MT PLT CES 280 91
	15	1 763359	AGIT MTR CPLR 280 91
	16	2 900064	5/16UNC X 3/4 HEX BOLT
	17	2 900130	3/8UNC X 1 1/4 HEX BOLT
	18	2 914002	5/16UNC HEX STOVER NUT
	19	2 914004	3/8UNC HEX STOVER NUT
	20	2 920001	5/16 SAE FLAT WASHER
	21	2 920002	3/8 SAE FLAT WASHER
	22	1 470200	1/4UNC X 1 3/4 HEX BOLT SS
	23	1 763358	AGIT MTR MT YOKE CES 280 91
	24	1 763361	AGIT CPLR SHIELD 280 91
	25	1 900000	1/4UNC X 1/2 HEX BOLT
	26	1 914000	1/4UNC HEX STOVER NUT



STAINLESS STEEL SOLUTION TANK ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	500005	CAP NUT .688FPS NYLON
2	2	500006	.38 H BARB X .69 MPS NYLON
3	2	500007	FTG .12 MNPT HEX PLUG NYLON
4	2	507100	PIPE CAP 1.50NPT
5	4	520003	HOSE CLAMP NO 6 PLASTIC SNAP
6	2	601216	SPRAY TNK VENT HOSE .38X3.50
7	2	601231	HOSE, 3/4 X 2 4BR BLK EPDM
8	2	737858	TEE AND EL NUT .688 FPS
9	2	738859	STRAINER 50 MESH NYLON
10	2	760651	TANK LID GSKT 647
11	2	763163	SPRAY TANK LATCH HANDLE 647S
12	2	763164	SPRAY TANK LID WLD 647S
13	2	763166	TANK LID CHAN 647-S SIDE
14	2	763294	SS SPRAY TANK WLD 400 GAL 280
15	4	900134	3/8UNC X 2 1/2 HEX BOLT
16	2	900138	3/8UNC X 3 1/2 HEX BOLT
17	14	914004	3/8UNC HEX STOVER NUT
18	2	507024	BLK PIPE ST EL 45DEG 1.50NPT
19	2	696110	BALL VALVE 1 1/2FNPT POLY
20	2	716003	1 1/2 X 1 1/2 HOSE BARB
21	4	499001	SPRING HYDRO CONTROL
22	4	900129	3/8UNC X 1" HEX BOLT
23	4	900170	3/8UNC X 2 1/4 HEX BOLT
24	22	920002	3/8 SAE FLAT WASHER
25	2	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
26	16	659677	4X9 SAFETY WALK

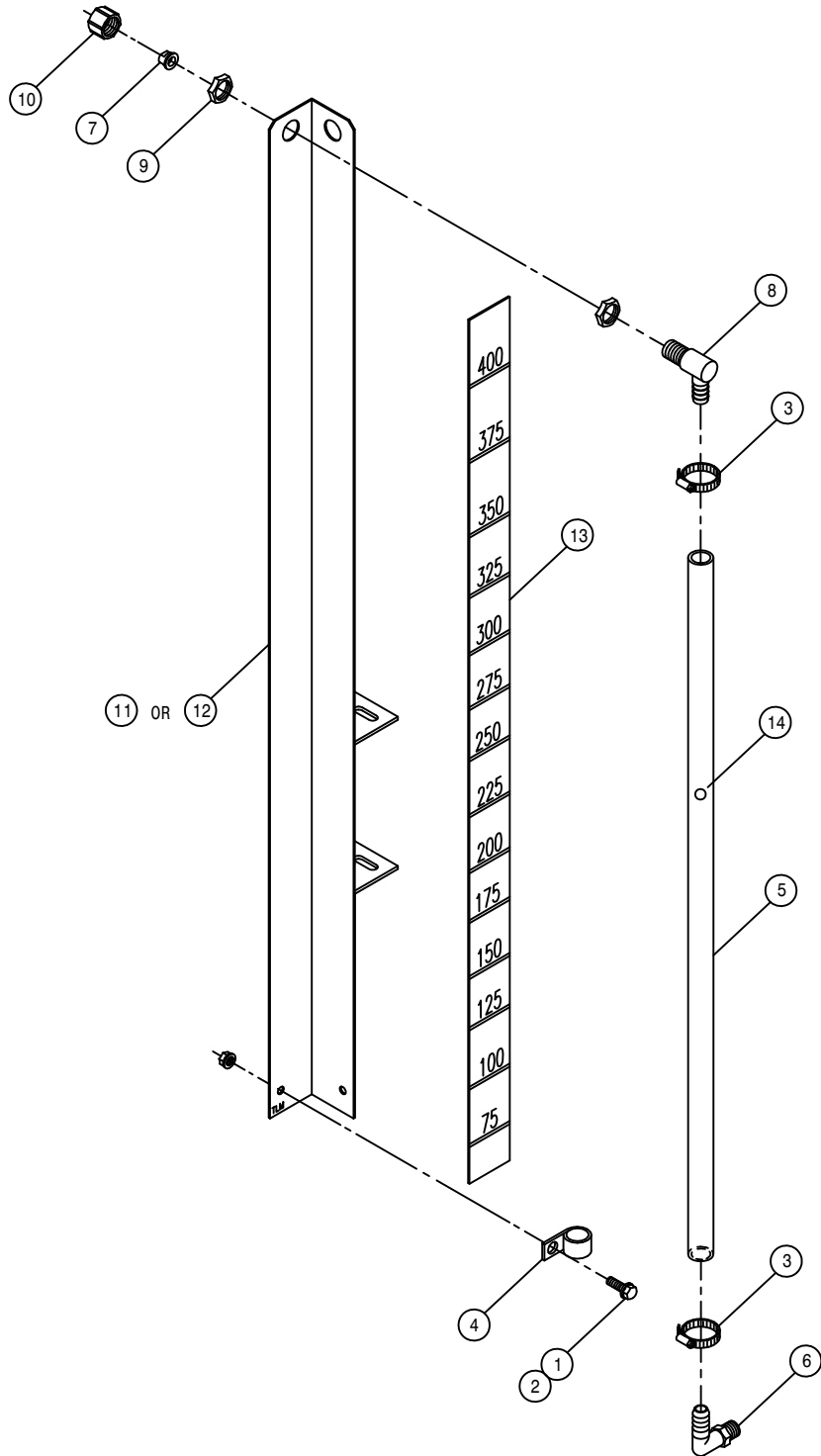
*NOTE: 1. QUANTITY LISTED IS FOR ONE MACHINE.
 2. HARDWARE SHOWN IS FOR REAR OF SOLUTION TANK.
 FRONT SIDE USES DETAIL 22 AND NO SPRINGS.



STAINLESS STEEL TANK AGITATOR ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	4	470199	1/4UNC X 3/8 SQHD CUP SET SCR
2	14	470089	1/4UNC HEX LOC NUT NYL INS SS
3	6	470092	1/4UNC-3/4ID-1 1/4 U-BOLT SS
4	2	610510	CESSNA GEAR MOTOR 1.48CI
5	2	611121	9/16MJIC-1/4MNPT ADPTR
6	4	618092	1 1/16MOR-1/2FNPT ADPTR
7	4	618107	9/16MJIC-90-1/2MNPT LBO
8	2	706403	FRT AGIT SHFT BRG, NYLON
9	2	706401	REAR AGIT SHFT BRG, NYLON
10	2	706402	AGIT SHFT GLAND NUT, NYLON
11	6	763027	AGIT IMPELLER
12	2	763393	AGIT SHAFT 250
13	2	763217	GLAND PACKING, 13 IN. LONG
14	2	763357	AGIT MTR MT PLT CES 280
15	2	763359	AGIT MTR CPLR 280
16	4	900064	5/16UNC X 3/4 HEX BOLT
17	4	900130	3/8UNC X 1 1/4 HEX BOLT
18	4	914002	5/16UNC HEX STOVER NUT
19	4	914004	3/8UNC HEX STOVER NUT
20	4	920001	5/16 SAE FLAT WASHER
21	4	920002	3/8 SAE FLAT WASHER
22	2	470200	1/4UNC X 1 3/4 HEX BOLT SS
23	2	763358	AGIT MTR MT YOKE CES 280
24	2	763361	AGIT CPLR SHIELD 280
25	2	900000	1/4UNC X 1/2 HEX BOLT
26	2	914000	1/4UNC HEX STOVER NUT

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



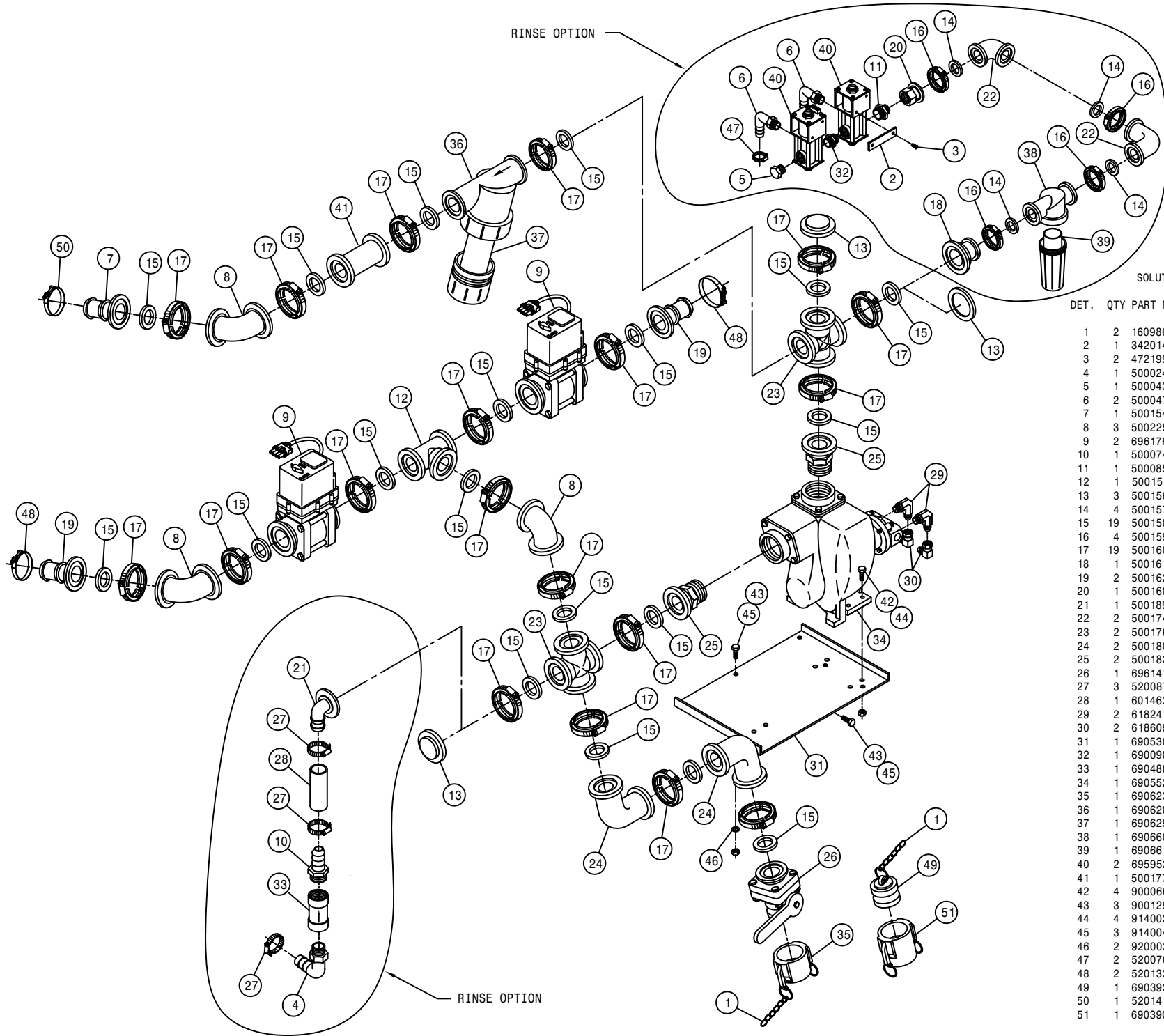
SIGHT GAUGE HOSE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	2	470122	1/4UNC X 1/2 FLANGE HEX BOLT
2	2	470121	1/4UNC HEX FLANGE LOCK NUT
3	4	520069	HOSE CLAMP NO 6 STAINLESS
4	2	520117	CUSH HOSE CLAMP 5/8D X 1/2W
5	2	601302	HOSE, 1/2 X 52 CLEAR VINYL
6	2	618556	1/4NPT-90-1/2 HOSE BARB,POLY
7	2	731109	TIP,FS-9 80DEG NYL SNGL ORF
8	2	737856	EL NOZL BODY .50 STEEL
9	2	737858	TEE AND EL NUT .688 FPS
10	2	738866	CAP NUT .688 FPS STEEL
11	1	763316	RH SIGHT GAUGE MT WLD 280 89
12	1	763317	LH SIGHT GAUGE MT WLD 280 89
13	2	650334	DECAL,SS TANK SIGHT GAUGE 280
14	2	763446	RED POLYPROPYLENE BALL 25/64"

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

RINSE OPTION



SOLUTION PUMP ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	160986	CHAIN, 12.00 LONG
2	1	342014	SOLENOID KEEPER, RINSE SYS
3	2	472199	10-24 X 1/2 RD HD MACH SCR
4	1	500024	1"NPT-90-1"HOSE BARB, POLY
5	1	500043	3/4NPT PIPE PLUG, POLY
6	2	500047	1/2NPT-90-1/2 HOSE BARB, POLY
7	1	500154	2" FLANGE-2" HOSE BARB POLY
8	3	500225	2"FLANGE-45-2"FLANGE LBO POLY
9	2	696176	ELECT BALL VLV,2"FLANGE BANJO
10	1	500074	1"NPT-1" HOSE BARB, POLY
11	1	500085	1" X 3/4NPT REDU NIPPLE, POLY
12	1	500151	2" FLANGE TEE POLY
13	3	500156	2" FLANGE CAP PLUG POLY
14	4	500157	1" FLANGE GASKET EPDM
15	19	500158	1 1/2" GASKET FOR 2" FLANGE
16	4	500159	1" FLANGE CLAMP, S.S.
17	19	500160	2" FLANGE CLAMP, S.S.
18	1	500161	2"FLANGE-1"FLANGE COUPLER,POLY
19	2	500162	2" FLANGE-1 1/2 HOSE BARB POLY
20	1	500168	1" FLANGE-1" FNPT ADPTR POLY
21	1	500189	2" FLANGE-90-1" HOSE BARB POLY
22	2	500174	1" FLANGE-90-1" FLANGE LBOPOLY
23	2	500176	2" FLANGE CROSS POLY
24	2	500180	2"FLANGE-90-2"FLANGE LBO POLY
25	2	500182	2" FLANGE-2"MNPT ADPTR S.S.
26	1	696141	BALL VLV,2"FLANGE/2"MALE ADPTR
27	3	520087	HOSE CLAMP NO 20 STAINLESS
28	1	601463	HOSE, 1 X 4 2BR BLK EPDM
29	2	618241	3/4MJIC-90-3/4MOR LBO
30	2	618609	3/4MJIC-90-3/4FJIC SWIV LBO
31	1	690530	2" SOLU PUMP MT WLD 95
32	1	690098	3/4NPT CLOSE NIPPLE, POLY
33	1	690488	1.00 CHECK VLV, SPRING LOADED
34	1	690552	FLOMAX 8, 2" PUMP
35	1	690623	CAP FOR 2.00 MALE COUPLER POLY
36	1	690628	LINE "Y" STRAINER, 2" FLANGE
37	1	690629	50 MESH SCREEN FOR 690628
38	1	690660	LINE "T" STRAINER, 1" FLANGE
39	1	690661	50 MESH SCREEN FOR 690660
40	2	695952	SOLUTION VALVE, AA144-1 VITON
41	1	500177	2" FLANGE-2" FLANGE CPLR POLY
42	4	900066	5/16UNC X 1 1/4 HEX BOLT
43	3	900129	3/8UNC X 1" HEX BOLT
44	4	914002	5/16UNC HEX STOVER NUT
45	3	914004	3/8UNC HEX STOVER NUT
46	2	920002	3/8 SAE FLAT WASHER
47	2	520070	HOSE CLAMP NO 8 STAINLESS
48	2	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
49	1	690392	PLUG FOR 2.00 FEMALE COUPLER
50	1	520141	2.31/2.62 T-BOLT HOSE CLAMP SS
51	1	690390	2.00FNPT-FEMALE COUPLER POLY

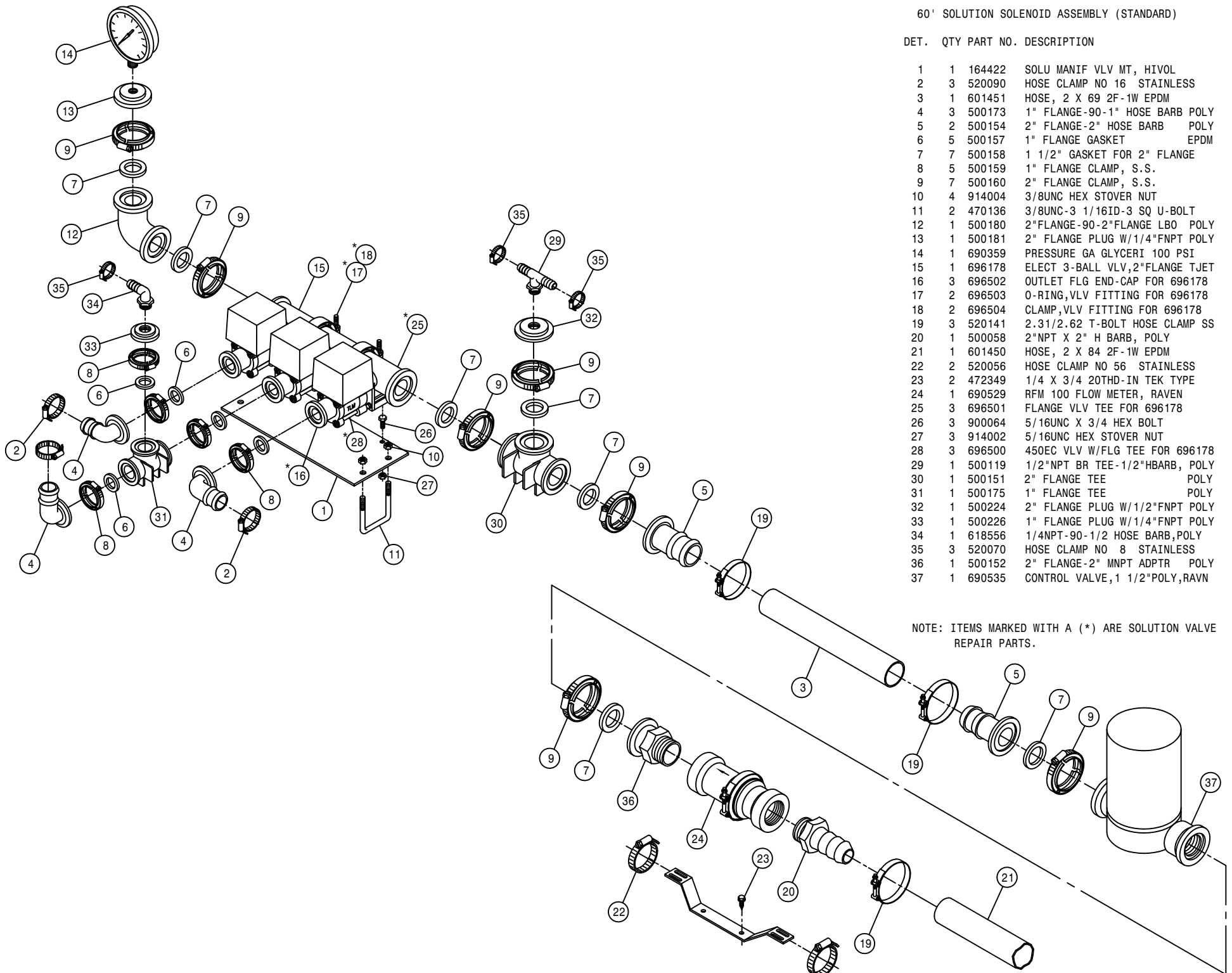
71

262071

60' SOLUTION SOLENOID ASSEMBLY (STANDARD)

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	164422	SOLU MANIF VLV MT, HIVOL
2	3	520090	HOSE CLAMP NO 16 STAINLESS
3	1	601451	HOSE, 2 X 69 2F-1W EPDM
4	3	500173	1" FLANGE-90-1" HOSE BARB POLY
5	2	500154	2" FLANGE-2" HOSE BARB POLY
6	5	500157	1" FLANGE GASKET EPDM
7	7	500158	1 1/2" GASKET FOR 2" FLANGE
8	5	500159	1" FLANGE CLAMP, S.S.
9	7	500160	2" FLANGE CLAMP, S.S.
10	4	914004	3/8UNC HEX STOVER NUT
11	2	470136	3/8UNC-3 1/16ID-3 SQ U-BOLT
12	1	500180	2"FLANGE-90-2"FLANGE LBO POLY
13	1	500181	2" FLANGE PLUG W/1/4"FNPT POLY
14	1	690359	PRESSURE GA GLYCERI 100 PSI
15	1	696178	ELECT 3-BALL VLV,2"FLANGE TJET
16	3	696502	OUTLET FLG END-CAP FOR 696178
17	2	696503	O-RING,VLV FITTING FOR 696178
18	2	696504	CLAMP,VLV FITTING FOR 696178
19	3	520141	2.31/2.62 T-BOLT HOSE CLAMP SS
20	1	500058	2"NPT X 2" H BARB, POLY
21	1	601450	HOSE, 2 X 84 2F-1W EPDM
22	2	520056	HOSE CLAMP NO 56 STAINLESS
23	2	472349	1/4 X 3/4 20THD-IN TEK TYPE
24	1	690529	RFM 100 FLOW METER, RAVEN
25	3	696501	FLANGE VLV TEE FOR 696178
26	3	900064	5/16UNC X 3/4 HEX BOLT
27	3	914002	5/16UNC HEX STOVER NUT
28	3	696500	450EC VLV W/FLG TEE FOR 696178
29	1	500119	1/2"NPT BR TEE-1/2"HBARB, POLY
30	1	500151	2" FLANGE TEE POLY
31	1	500175	1" FLANGE TEE POLY
32	1	500224	2" FLANGE PLUG W/1/2"FNPT POLY
33	1	500226	1" FLANGE PLUG W/1/4"FNPT POLY
34	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY
35	3	520070	HOSE CLAMP NO 8 STAINLESS
36	1	500152	2" FLANGE-2" MNPT ADPTR POLY
37	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN

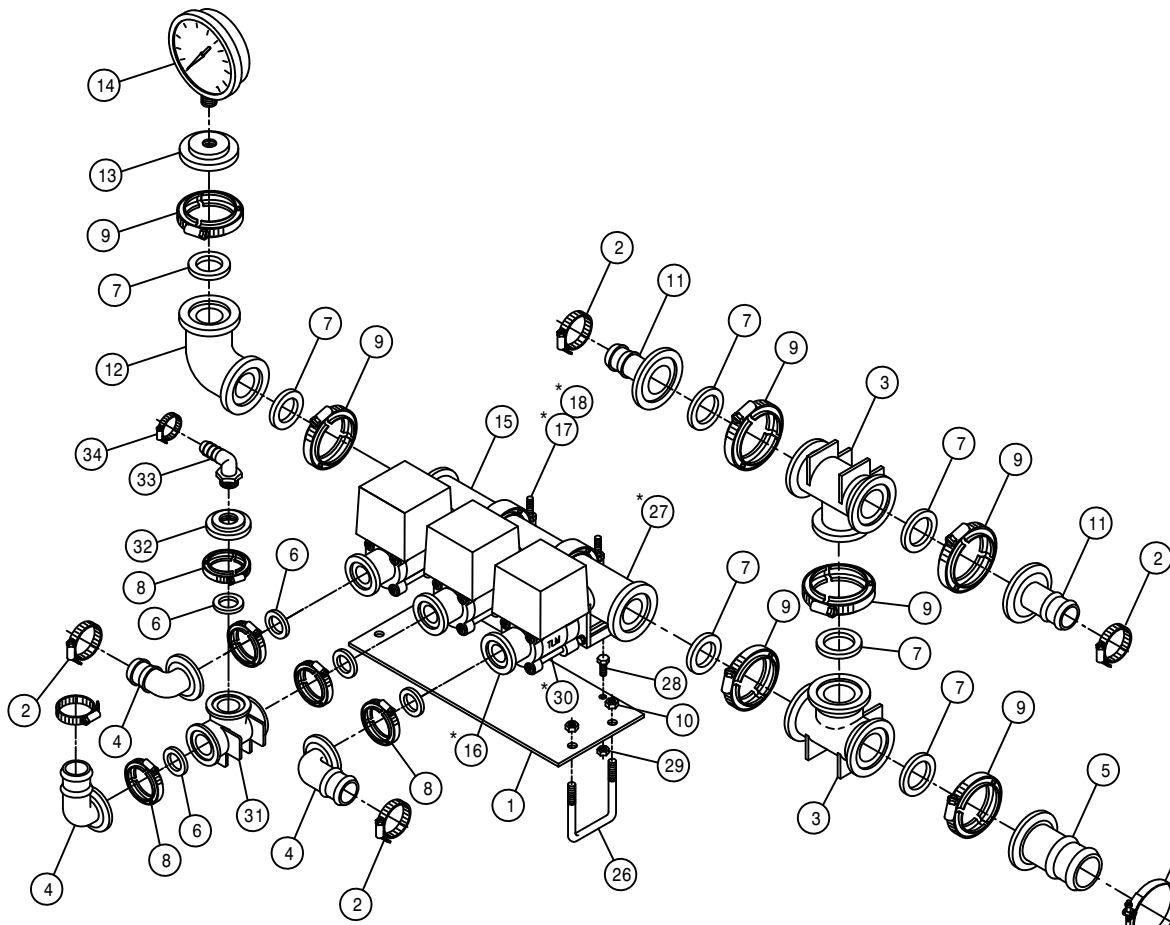


NOTE: ITEMS MARKED WITH A (*) ARE SOLUTION VALVE REPAIR PARTS.

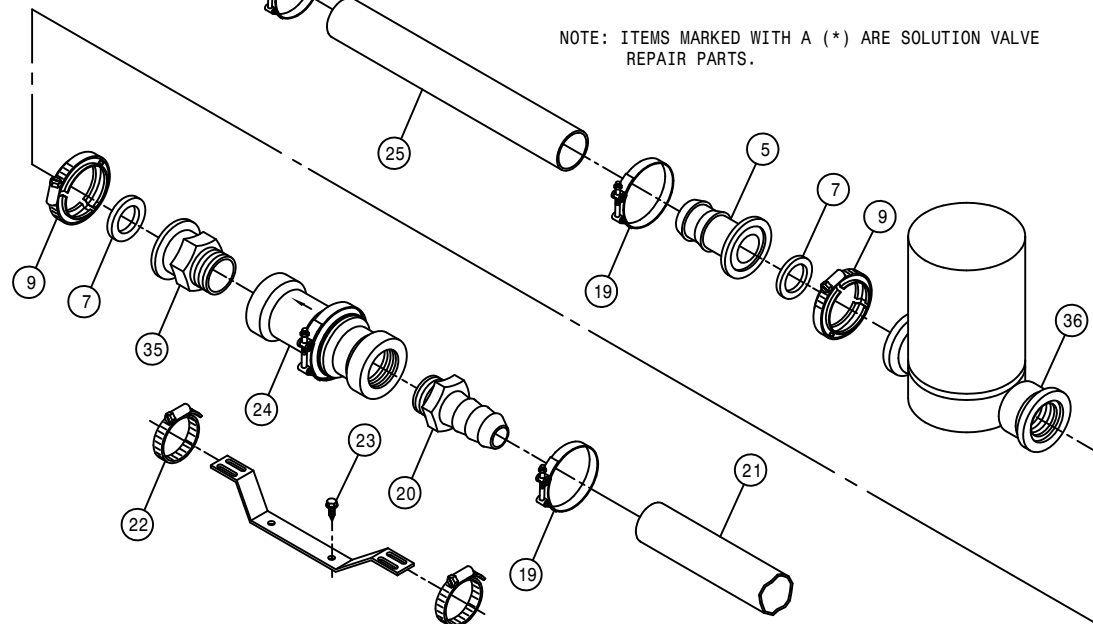
80'-90' SOLUTION SOLENOID ASSEMBLY (STANDARD)

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	164422	SOLU MANIF VLV MT, HIVOL
2	5	520090	HOSE CLAMP NO 16 STAINLESS
3	2	500151	2" FLANGE TEE POLY
4	3	500173	1" FLANGE-90-1" HOSE BARB POLY
5	2	500154	2" FLANGE-2" HOSE BARB POLY
6	5	500157	1" FLANGE GASKET EPDM
7	9	500158	1 1/2" GASKET FOR 2" FLANGE
8	5	500159	1" FLANGE CLAMP, S.S.
9	9	500160	2" FLANGE CLAMP, S.S.
10	4	914004	3/8UNC HEX STOVER NUT
11	2	500172	2" FLANGE-1" HOSE BARB POLY
12	1	500180	2"FLANGE-90-2"FLANGE LBO POLY
13	1	500181	2" FLANGE PLUG W/1/4"FNPT POLY
14	1	690359	PRESSURE GA GLYCERI 100 PSI
15	1	696178	ELECT 3-BALL VLV,2"FLANGE TJET
16	3	696502	OUTLET FLG END-CAP FOR 696178
17	2	696503	O-RING,VLV FITTING FOR 696178
18	2	696504	CLAMP,VLV FITTING FOR 696178
19	3	520141	2.31/2.62 T-BOLT HOSE CLAMP SS
20	1	500058	2"NPT X 2" H BARB, POLY
21	1	601450	HOSE, 2 X 84 2F-1W EPDM
22	2	520056	HOSE CLAMP NO 56 STAINLESS
23	2	472349	1/4 X 3/4 20THD-IN TEK TYPE
24	1	690529	RFM 100 FLOW METER, RAVEN
25	1	601451	HOSE, 2 X 69 2F-1W EPDM
26	2	470136	3/8UNC-3 1/16ID-3 SQ U-BOLT
27	3	696501	FLANGE VLV TEE FOR 696178
28	3	900064	5/16UNC X 3/4 HEX BOLT
29	3	914002	5/16UNC HEX STOVER NUT
30	1	696500	450EC VLV W/FLG TEE FOR 696178
31	1	500175	1" FLANGE TEE POLY
32	1	500226	1" FLANGE PLUG W/1/4"FNPT POLY
33	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY
34	1	520070	HOSE CLAMP NO 8 STAINLESS
35	1	500152	2" FLANGE-2" MNPT ADPTR POLY
36	1	690535	CONTROL VALVE, 1 1/2"POLY,RAVN

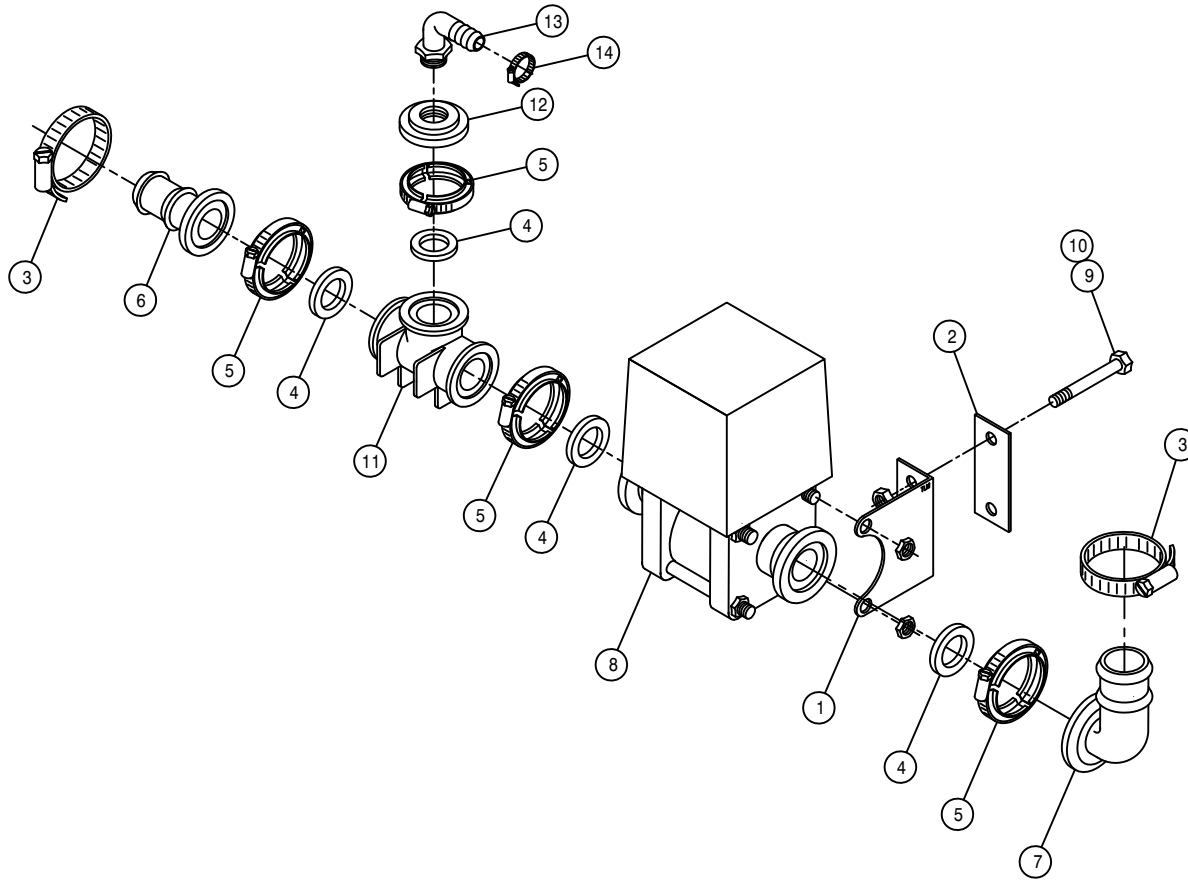


NOTE: ITEMS MARKED WITH A (*) ARE SOLUTION VALVE REPAIR PARTS.



80'-90' OUTER BOOM SOLENOID (STANDARD)

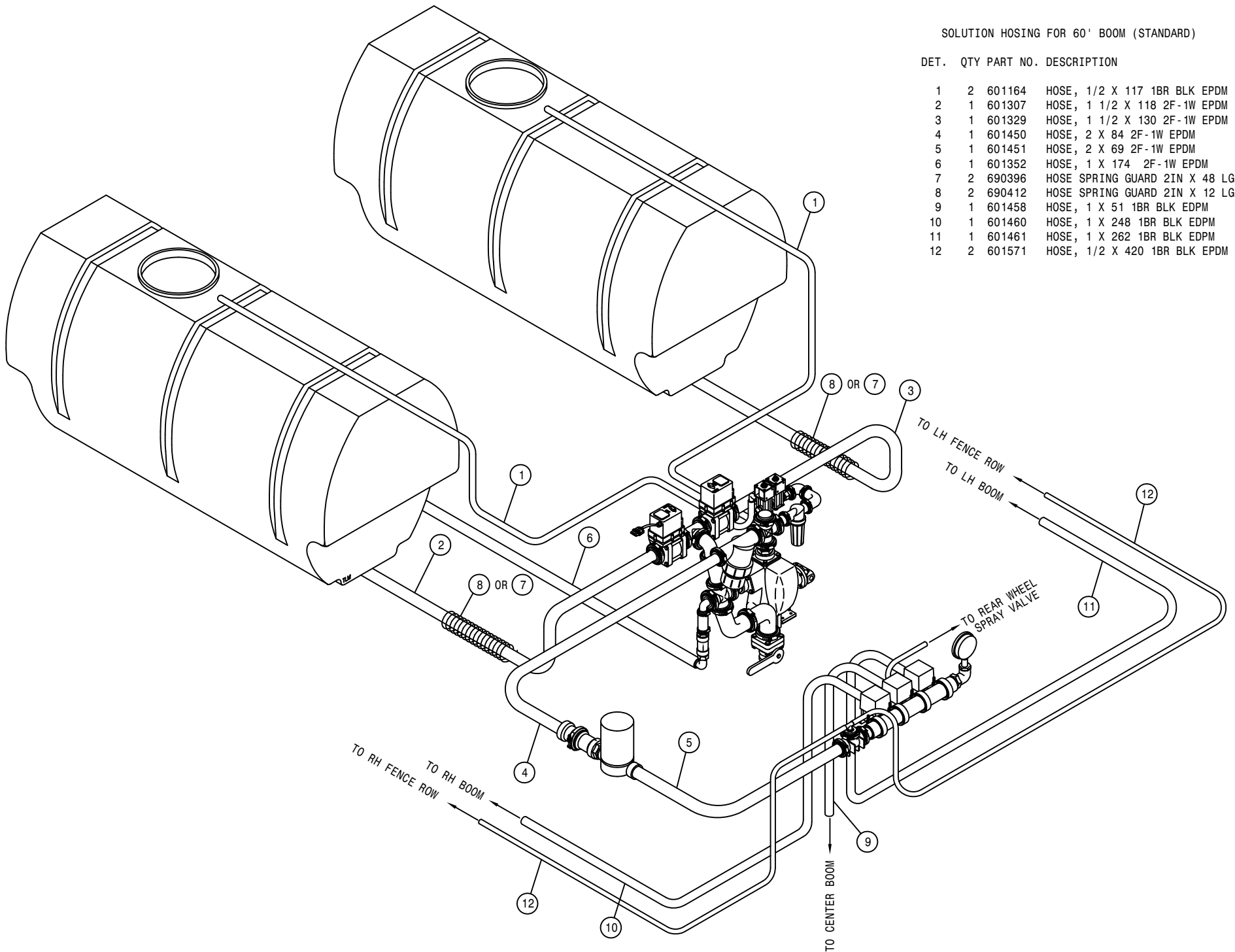
DET.	QTY	PART NO.	DESCRIPTION	
1	1	164303	SOLU VLV MT	97
2	1	164304	SOLU VLV MT KEEPER	97
3	2	520090	HOSE CLAMP NO 16 STAINLESS	
4	4	500157	1" FLANGE GASKET	EPDM
5	4	500159	1" FLANGE CLAMP, S.S.	
6	1	500171	1" FLANGE-1" HOSE BARB	POLY
7	1	500173	1" FLANGE-90-1" HOSE BARB	POLY
8	1	696177	ELECT BALL VLV, 1" FLANGE	TJET
9	2	900007	1/4UNC X 2" HEX BOLT	
10	2	914000	1/4UNC HEX STOVER NUT	
11	1	500175	1" FLANGE TEE	POLY
12	500226	1" FLANGE PLUG W/1/4"FNPT	POLY	
13	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY	
14	1	520070	HOSE CLAMP NO 8 STAINLESS	



SOLUTION HOISING FOR 60' BOOM (STANDARD)

DET. QTY PART NO. DESCRIPTION

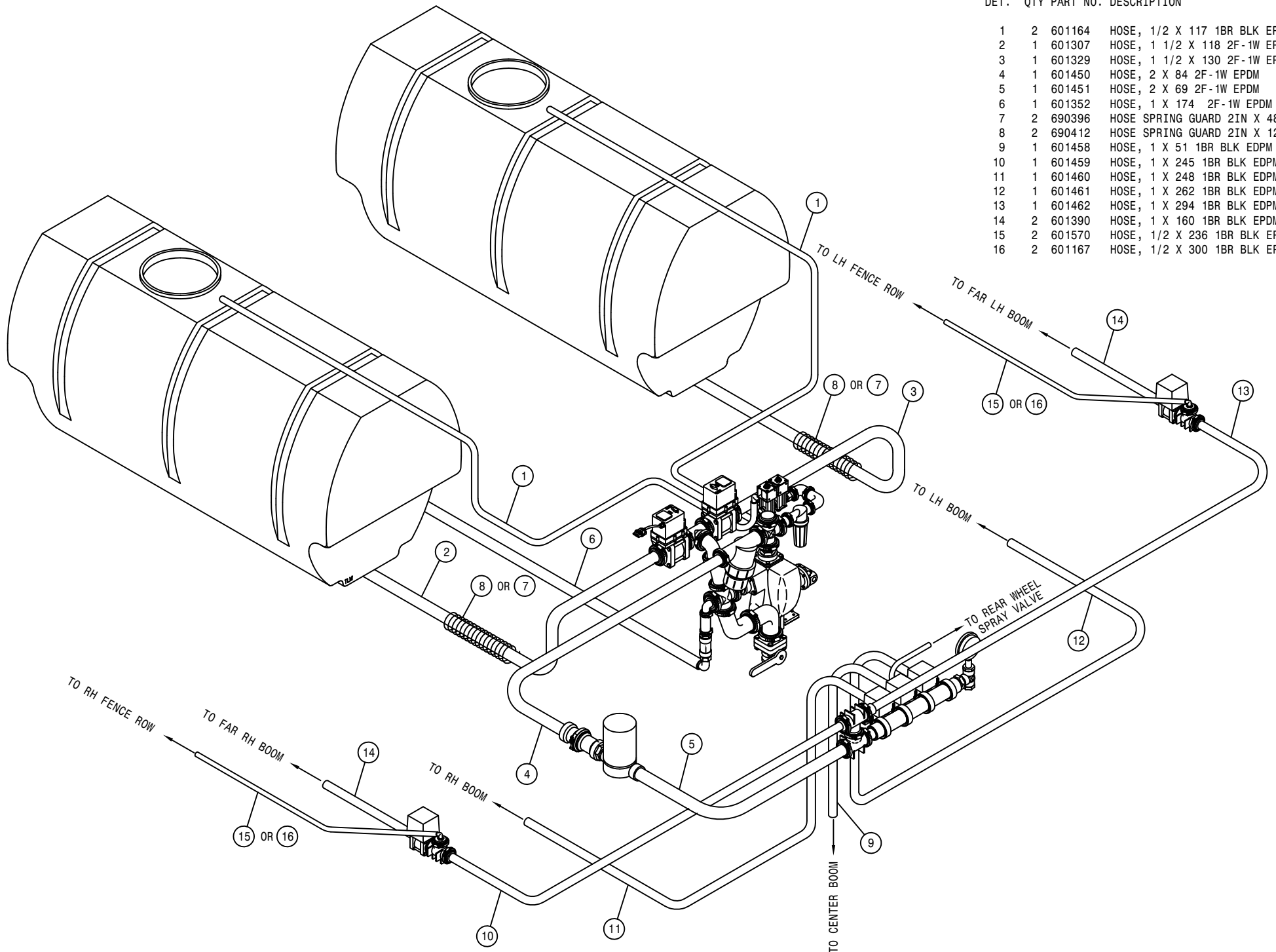
DET.	QTY	PART NO.	DESCRIPTION
1	2	601164	HOSE, 1/2 X 117 1BR BLK EPDM
2	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
3	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601451	HOSE, 2 X 69 2F-1W EPDM
6	1	601352	HOSE, 1 X 174 2F-1W EPDM
7	2	690396	HOSE SPRING GUARD 2IN X 48 LG
8	2	690412	HOSE SPRING GUARD 2IN X 12 LG
9	1	601458	HOSE, 1 X 51 1BR BLK EDPM
10	1	601460	HOSE, 1 X 248 1BR BLK EDPM
11	1	601461	HOSE, 1 X 262 1BR BLK EDPM
12	2	601571	HOSE, 1/2 X 420 1BR BLK EPDM



SOLUTION HOSEING FOR 80'-90' BOOM (STANDARD)

DET. QTY PART NO. DESCRIPTION

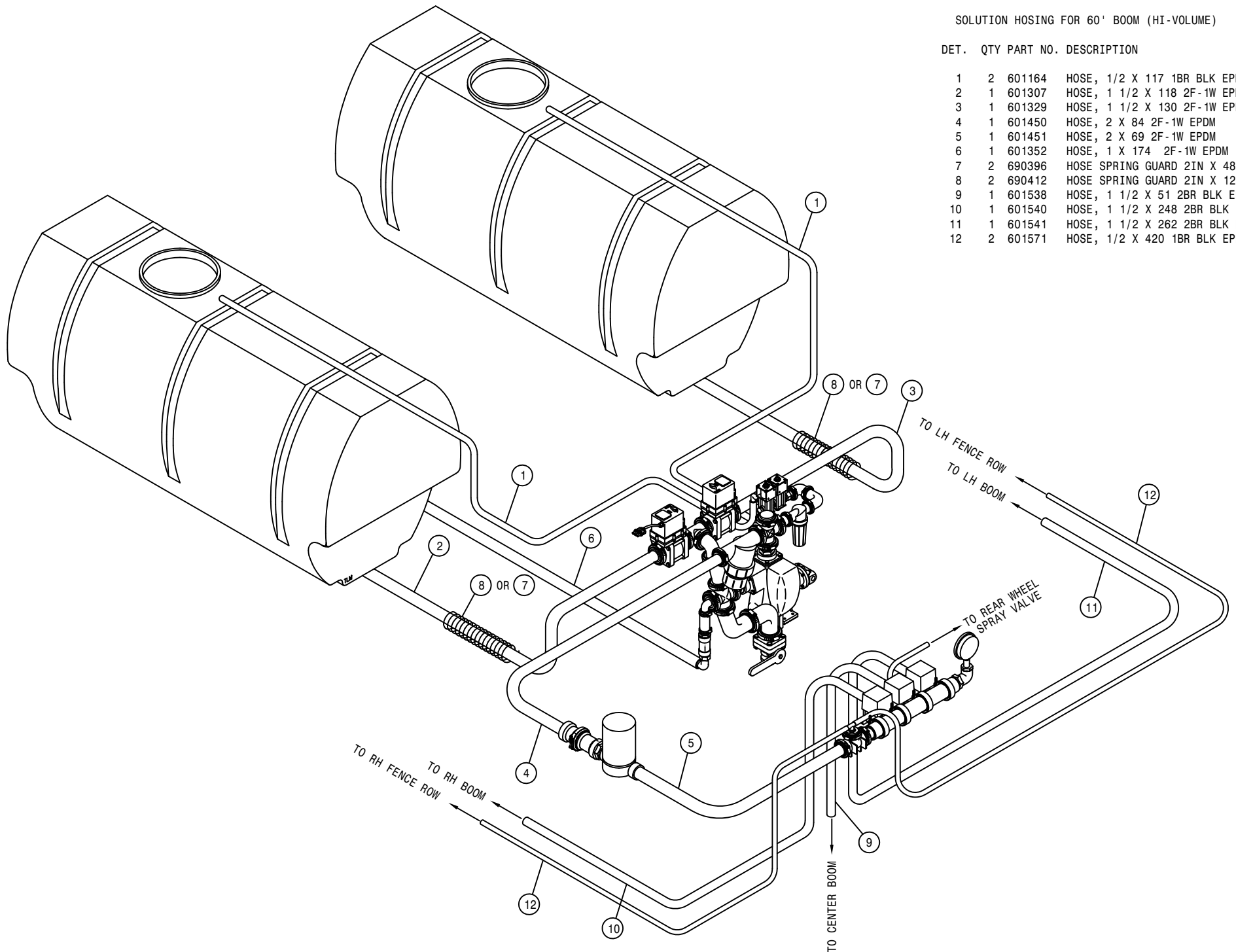
DET.	QTY	PART NO.	DESCRIPTION
1	2	601164	HOSE, 1/2 X 117 1BR BLK EPDM
2	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
3	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601451	HOSE, 2 X 69 2F-1W EPDM
6	1	601352	HOSE, 1 X 174 2F-1W EPDM
7	2	690396	HOSE SPRING GUARD 2IN X 48 LG
8	2	690412	HOSE SPRING GUARD 2IN X 12 LG
9	1	601458	HOSE, 1 X 51 1BR BLK EPDM
10	1	601459	HOSE, 1 X 245 1BR BLK EPDM
11	1	601460	HOSE, 1 X 248 1BR BLK EPDM
12	1	601461	HOSE, 1 X 262 1BR BLK EPDM
13	1	601462	HOSE, 1 X 294 1BR BLK EPDM
14	2	601390	HOSE, 1 X 160 1BR BLK EPDM
15	2	601570	HOSE, 1/2 X 236 1BR BLK EPDM
16	2	601167	HOSE, 1/2 X 300 1BR BLK EPDM



SOLUTION HOISING FOR 60' BOOM (HI-VOLUME)

DET. QTY PART NO. DESCRIPTION

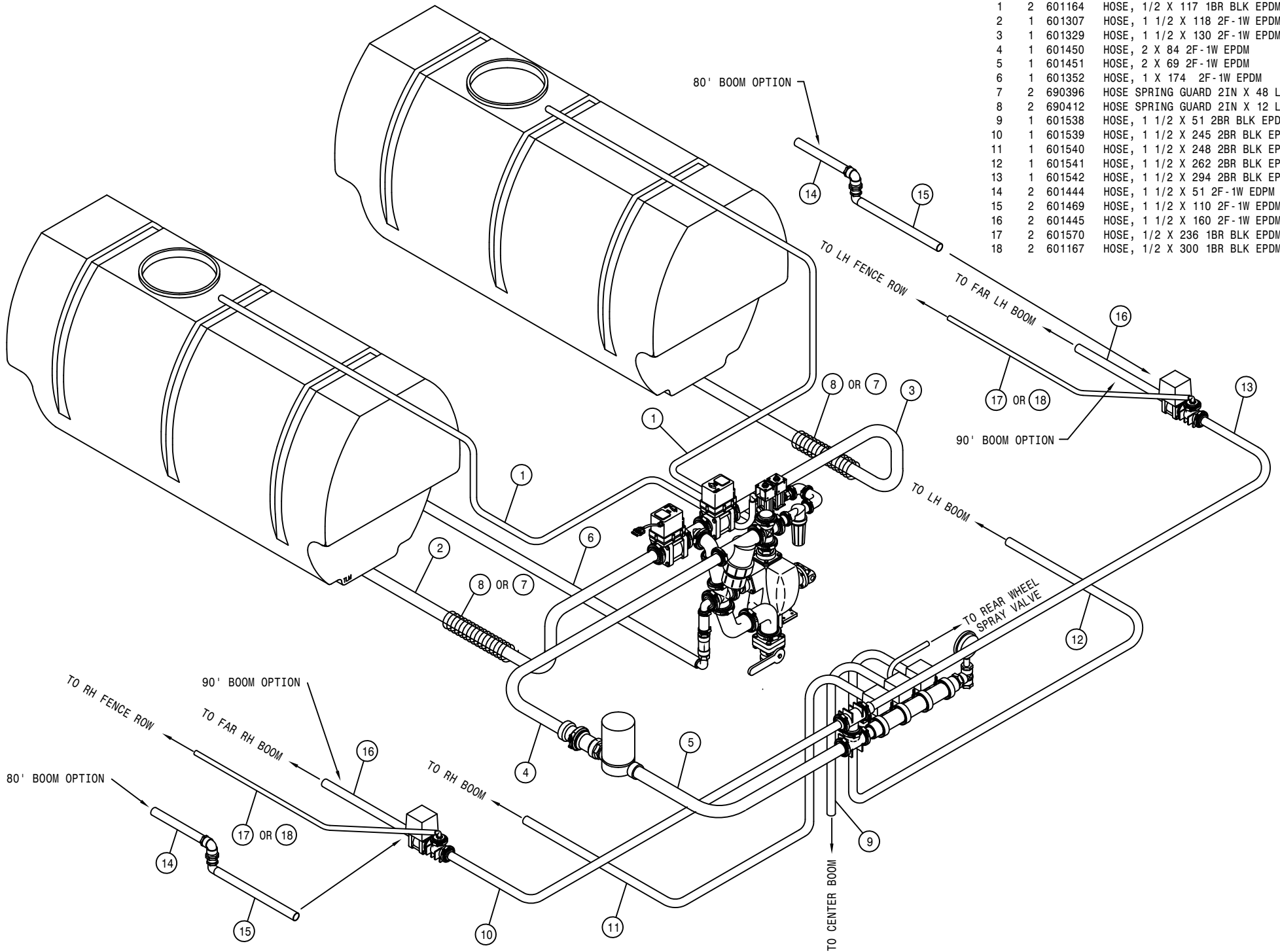
1	2	601164	HOSE, 1/2 X 117 1BR BLK EPDM
2	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
3	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601451	HOSE, 2 X 69 2F-1W EPDM
6	1	601352	HOSE, 1 X 174 2F-1W EPDM
7	2	690396	HOSE SPRING GUARD 2IN X 48 LG
8	2	690412	HOSE SPRING GUARD 2IN X 12 LG
9	1	601538	HOSE, 1 1/2 X 51 2BR BLK EPDM
10	1	601540	HOSE, 1 1/2 X 248 2BR BLK EPDM
11	1	601541	HOSE, 1 1/2 X 262 2BR BLK EPDM
12	2	601571	HOSE, 1/2 X 420 1BR BLK EPDM



SOLUTION HOISING FOR 80'-90' BOOM (HI-VOLUME)

DET. QTY PART NO. DESCRIPTION

1	2	601164	HOSE, 1/2 X 117 1BR BLK EPDM
2	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
3	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601451	HOSE, 2 X 69 2F-1W EPDM
6	1	601352	HOSE, 1 X 174 2F-1W EPDM
7	2	690396	HOSE SPRING GUARD 2IN X 48 LG
8	2	690412	HOSE SPRING GUARD 2IN X 12 LG
9	1	601538	HOSE, 1 1/2 X 51 2BR BLK EPDM
10	1	601539	HOSE, 1 1/2 X 245 2BR BLK EPDM
11	1	601540	HOSE, 1 1/2 X 248 2BR BLK EPDM
12	1	601541	HOSE, 1 1/2 X 262 2BR BLK EPDM
13	1	601542	HOSE, 1 1/2 X 294 2BR BLK EPDM
14	2	601444	HOSE, 1 1/2 X 51 2F-1W EPDM
15	2	601469	HOSE, 1 1/2 X 110 2F-1W EPDM
16	2	601445	HOSE, 1 1/2 X 160 2F-1W EPDM
17	2	601570	HOSE, 1/2 X 236 1BR BLK EPDM
18	2	601167	HOSE, 1/2 X 300 1BR BLK EPDM

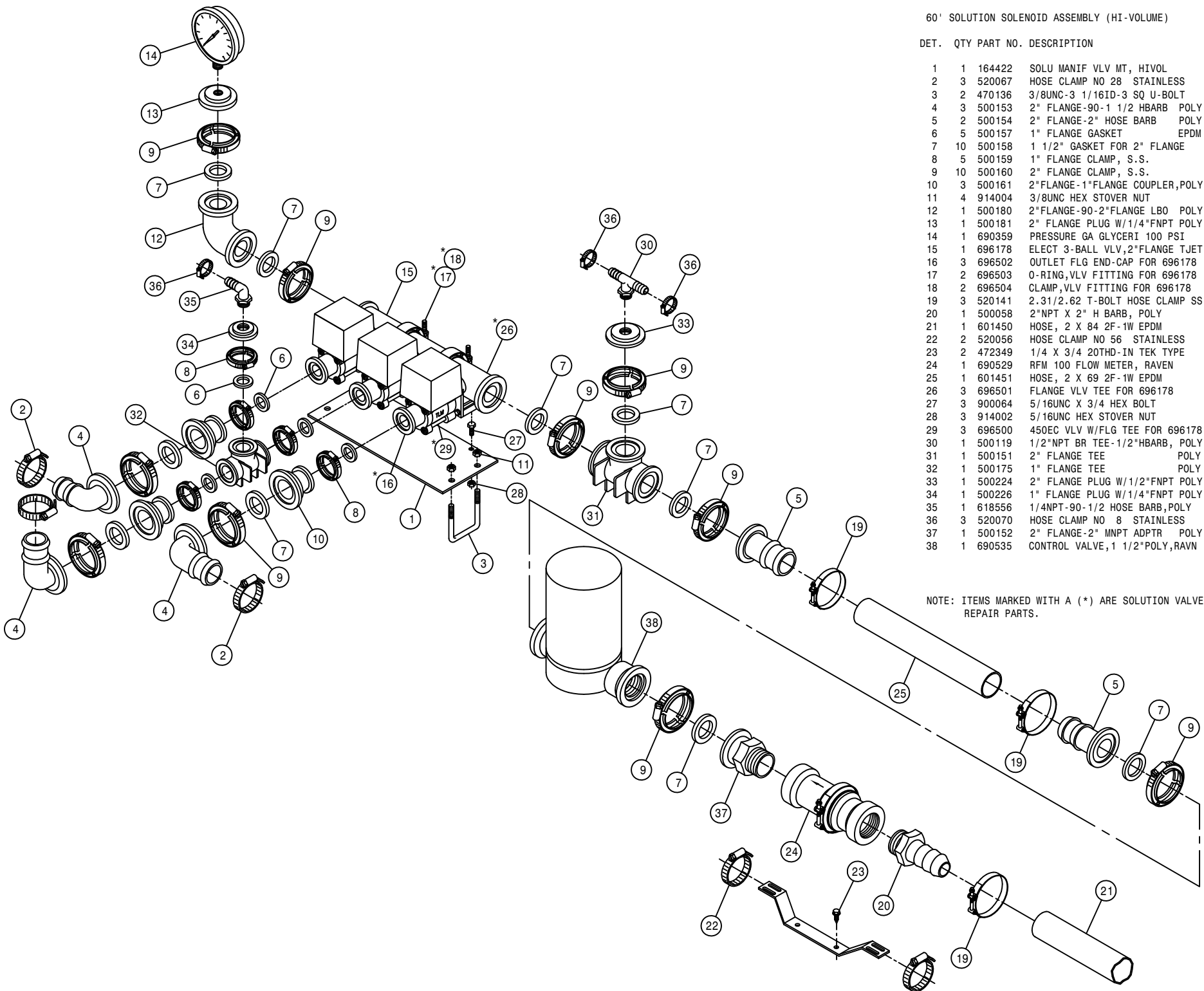


60' SOLUTION SOLENOID ASSEMBLY (HI-VOLUME)

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	164422	SOLU MANIF VLV MT, HIVOL
2	3	520067	HOSE CLAMP NO 28 STAINLESS
3	2	470136	3/8UNC-3 1/16ID-3 SQ U-BOLT
4	3	500153	2" FLANGE-90-1 1/2 HBARB POLY
5	2	500154	2" FLANGE-2" HOSE BARB POLY
6	5	500157	1" FLANGE GASKET EPDM
7	10	500158	1 1/2" GASKET FOR 2" FLANGE
8	5	500159	1" FLANGE CLAMP, S.S.
9	10	500160	2" FLANGE CLAMP, S.S.
10	3	500161	2"FLANGE-1"FLANGE COUPLER,POLY
11	4	914004	3/8UNC HEX STOVER NUT
12	1	500180	2"FLANGE-90-2"FLANGE LBO POLY
13	1	500181	2" FLANGE PLUG W/1/4"FNPT POLY
14	1	690359	PRESSURE GA GLYCERI 100 PSI
15	1	696178	ELECT 3-BALL VLV,2"FLANGE TJET
16	3	696502	OUTLET FLG END-CAP FOR 696178
17	2	696503	O-RING,VLV FITTING FOR 696178
18	2	696504	CLAMP,VLV FITTING FOR 696178
19	3	520141	2.31/2.62 T-BOLT HOSE CLAMP SS
20	1	500058	2"NPT X 2" H BARB, POLY
21	1	601450	HOSE, 2 X 84 2F-1W EPDM
22	2	520056	HOSE CLAMP NO 56 STAINLESS
23	2	472349	1/4 X 3/4 20THD-IN TEK TYPE
24	1	690529	RFM 100 FLOW METER, RAVEN
25	1	601451	HOSE, 2 X 69 2F-1W EPDM
26	3	696501	FLANGE VLV TEE FOR 696178
27	3	900064	5/16UNC X 3/4 HEX BOLT
28	3	914002	5/16UNC HEX STOVER NUT
29	3	696500	450EC VLV W/FLG TEE FOR 696178
30	1	500119	1/2"NPT BR TEE-1/2"HBARB, POLY
31	1	500151	2" FLANGE TEE POLY
32	1	500175	1" FLANGE TEE POLY
33	1	500224	2" FLANGE PLUG W/1/2"FNPT POLY
34	1	500226	1" FLANGE PLUG W/1/4"FNPT POLY
35	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY
36	3	520070	HOSE CLAMP NO 8 STAINLESS
37	1	500152	2" FLANGE-2" MMPT ADPTR POLY
38	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN

NOTE: ITEMS MARKED WITH A (*) ARE SOLUTION VALVE REPAIR PARTS.

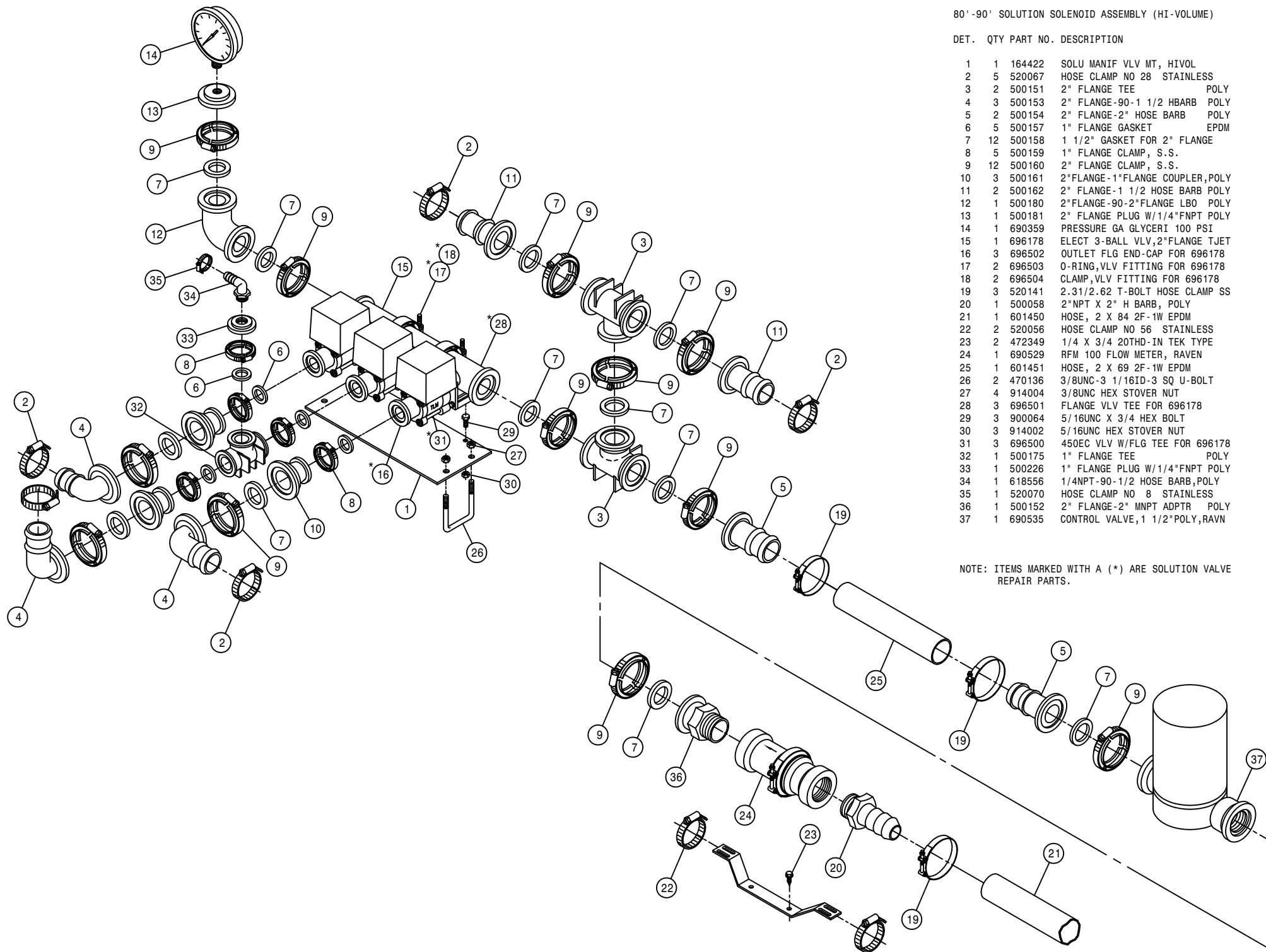


80

80'-90' SOLUTION SOLENOID ASSEMBLY (HI-VOLUME)

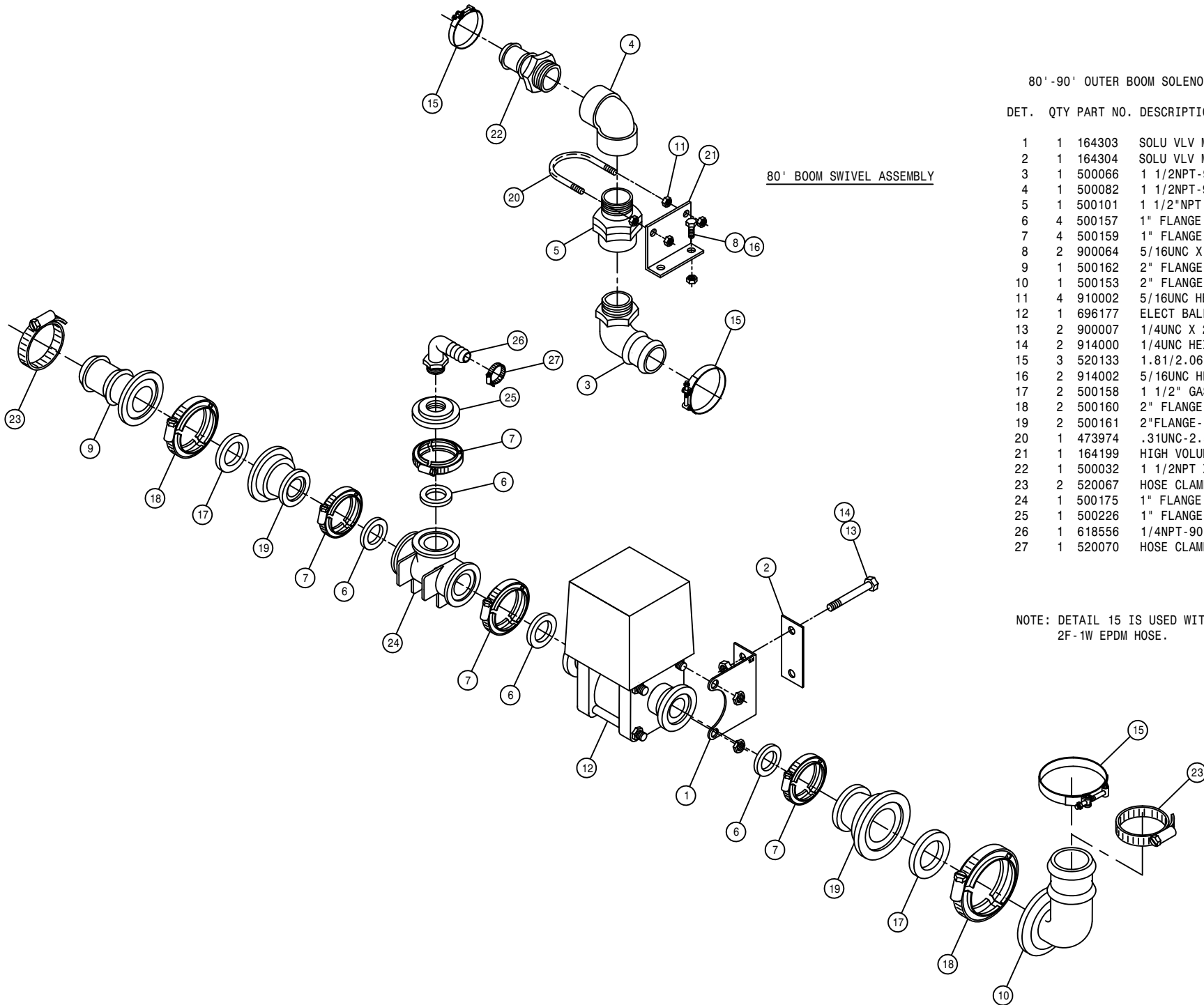
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	164422	SOLU MANIF VLV MT, HIVOL
2	5	520067	HOSE CLAMP NO 28 STAINLESS
3	2	500151	2" FLANGE TEE POLY
4	3	500153	2" FLANGE-90-1 1/2 HBARB POLY
5	2	500154	2" FLANGE-2" HOSE BARB POLY
6	5	500157	1" FLANGE GASKET EPDM
7	12	500158	1 1/2" GASKET FOR 2" FLANGE
8	5	500159	1" FLANGE CLAMP, S.S.
9	12	500160	2" FLANGE CLAMP, S.S.
10	3	500161	2"FLANGE-1"FLANGE COUPLER,POLY
11	2	500162	2" FLANGE-1 1/2 HOSE BARB POLY
12	1	500180	2"FLANGE-90-2"FLANGE LBO POLY
13	1	500181	2" FLANGE PLUG W/1/4"FNPT POLY
14	1	690359	PRESSURE GA GLYCERI 100 PSI
15	1	696178	ELECT 3-BALL VLV,2"FLANGE TJET
16	3	696502	OUTLET FLG END-CAP FOR 696178
17	2	696503	O-RING,VLV FITTING FOR 696178
18	2	696504	CLAMP,VLV FITTING FOR 696178
19	3	520141	2.31/2.62 T-BOLT HOSE CLAMP SS
20	1	500058	2"NPT X 2" H BARB, POLY
21	1	601450	HOSE, 2 X 84 2F-1W EPDM
22	2	520056	HOSE CLAMP NO 56 STAINLESS
23	2	472349	1/4 X 3/4 20THD-IN TEK TYPE
24	1	690529	RFM 100 FLOW METER, RAVEN
25	1	601451	HOSE, 2 X 69 2F-1W EPDM
26	2	470136	3/8UNC-3 1/16ID-3 SQ U-BOLT
27	4	914004	3/8UNC HEX STOVER NUT
28	3	696501	FLANGE VLV TEE FOR 696178
29	3	900064	5/16UNC X 3/4 HEX BOLT
30	3	914002	5/16UNC HEX STOVER NUT
31	3	696500	450EC VLV W/FLG TEE FOR 696178
32	1	500175	1" FLANGE TEE POLY
33	1	500226	1" FLANGE PLUG W/1/4"FNPT POLY
34	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY
35	1	520070	HOSE CLAMP NO 8 STAINLESS
36	1	500152	2" FLANGE-2" MNPT ADPTR POLY
37	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN



NOTE: ITEMS MARKED WITH A (*) ARE SOLUTION VALVE REPAIR PARTS.

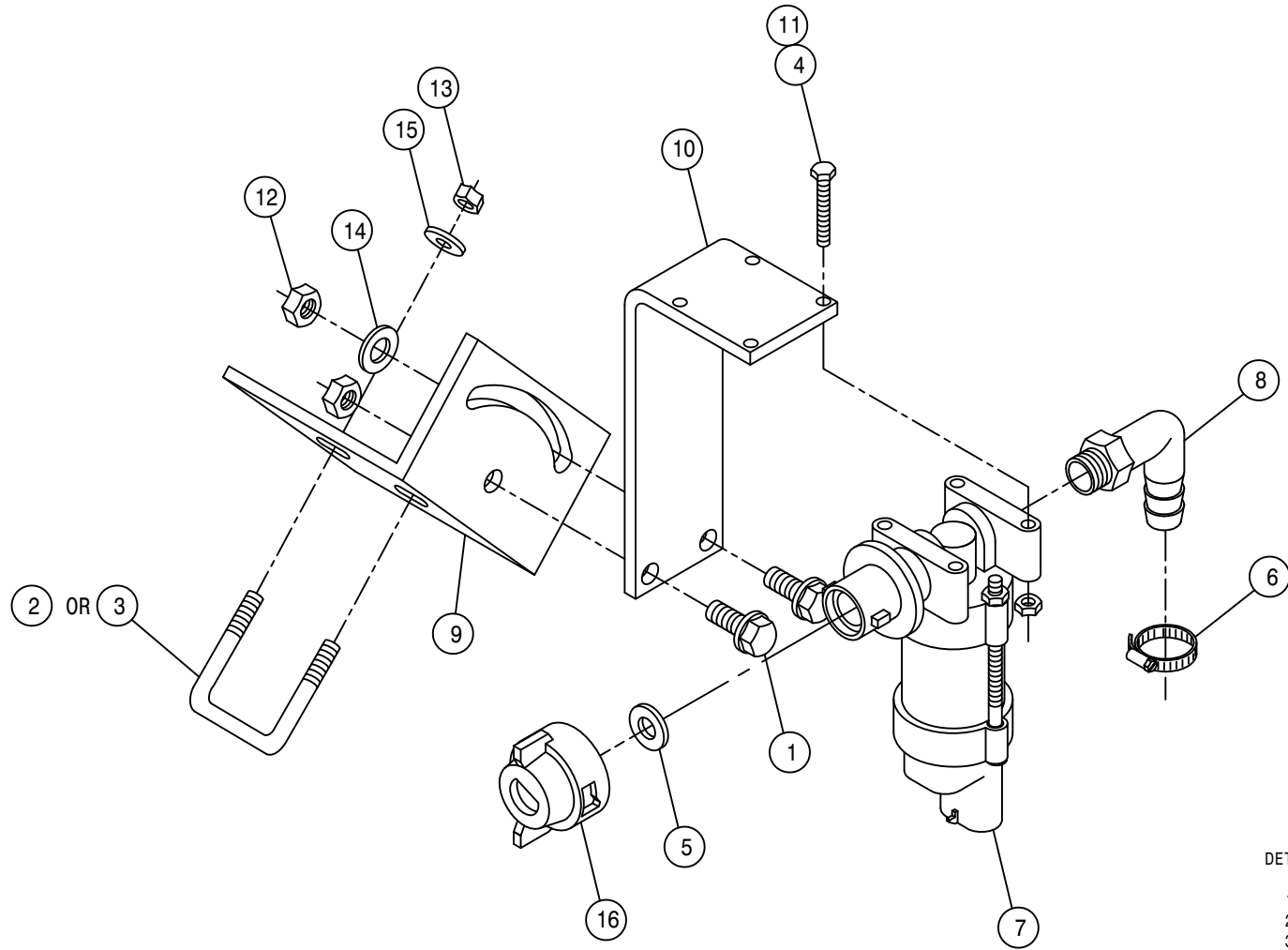
80' BOOM SWIVEL ASSEMBLY



80' - 90' OUTER BOOM SOLENOID (HI-VOLUME)

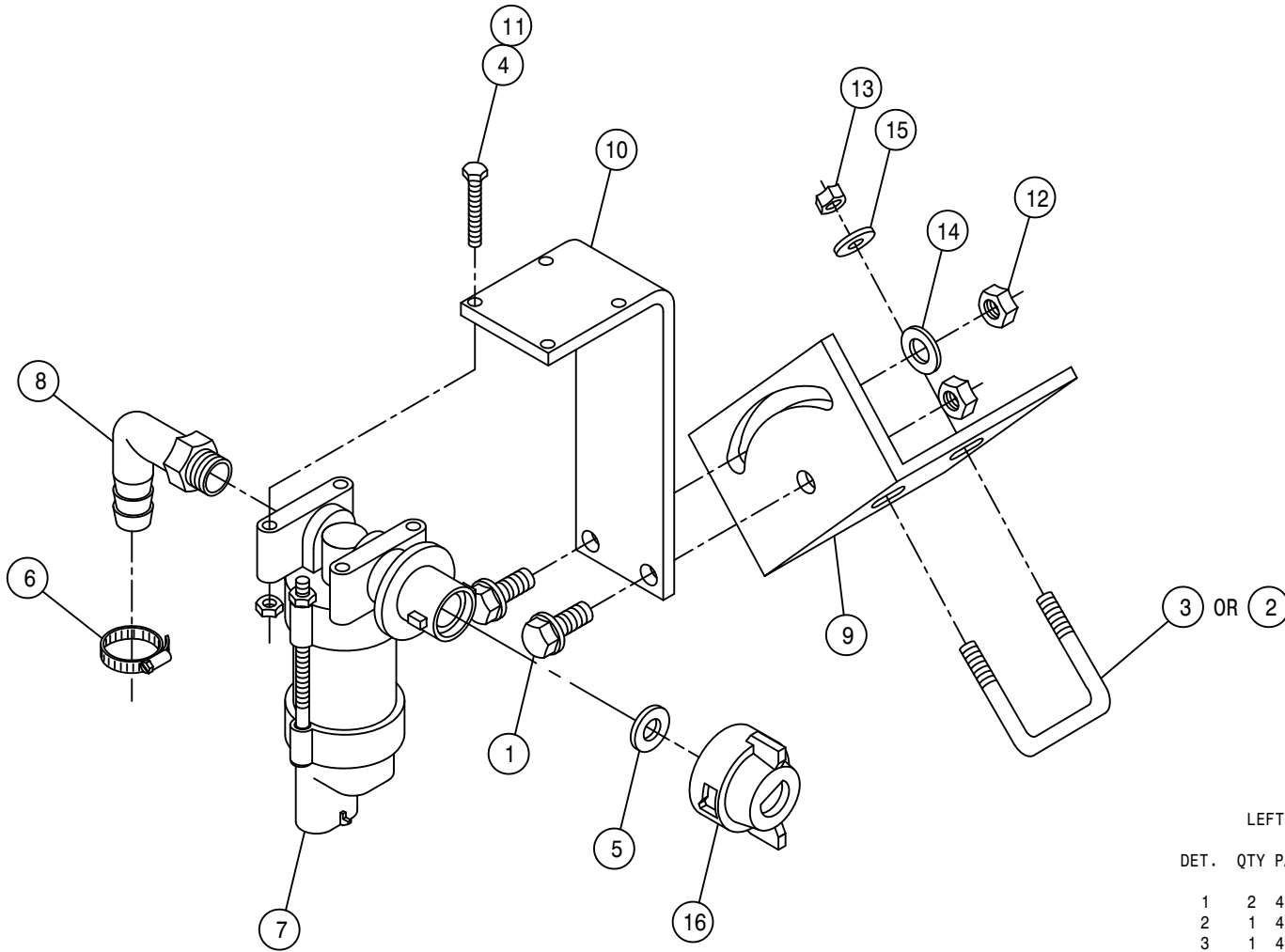
DET.	QTY	PART NO.	DESCRIPTION	
1	1	164303	SOLU VLV MT	97
2	1	164304	SOLU VLV MT KEEPER	97
3	1	500066	1 1/2NPT-90-1 1/2 H BARB POLY	
4	1	500082	1 1/2NPT-90 EL, POLY	
5	1	500101	1 1/2"NPT SWIVEL	POLY
6	4	500157	1" FLANGE GASKET	EPDM
7	4	500159	1" FLANGE CLAMP, S.S.	
8	2	900064	5/16UNC X 3/4 HEX BOLT	
9	1	500162	2" FLANGE-1 1/2 HOSE BARB POLY	
10	1	500153	2" FLANGE-90-1 1/2 HBARB POLY	
11	4	910002	5/16UNC HEX NUT	
12	1	696177	ELECT BALL VLV, 1"FLANGE	TJET
13	2	900007	1/4UNC X 2" HEX BOLT	
14	2	914000	1/4UNC HEX STOVER NUT	
15	3	520133	1.81/2.06 T-BOLT HOSE CLAMP SS	
16	2	914002	5/16UNC HEX STOVER NUT	
17	2	500158	1 1/2" GASKET FOR 2" FLANGE	
18	2	500160	2" FLANGE CLAMP, S.S.	
19	2	500161	2"FLANGE-1"FLANGE COUPLER,POLY	
20	1	473974	.31UNC-2.56ID-3.5 U-BOLT SS	
21	1	164199	HIGH VOLUME HOSE SWIVEL MT	
22	1	500032	1 1/2NPT X 1 1/2 H BARB, POLY	
23	2	520067	HOSE CLAMP NO 28 STAINLESS	
24	1	500175	1" FLANGE TEE	POLY
25	1	500226	1" FLANGE PLUG W/1/4"FNPT POLY	
26	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY	
27	1	520070	HOSE CLAMP NO 8 STAINLESS	

NOTE: DETAIL 15 IS USED WITH 1 1/2 I.D.
2F-1W EPDM HOSE.



RIGHT FENCE ROW NOZZLE ASSEMBLY

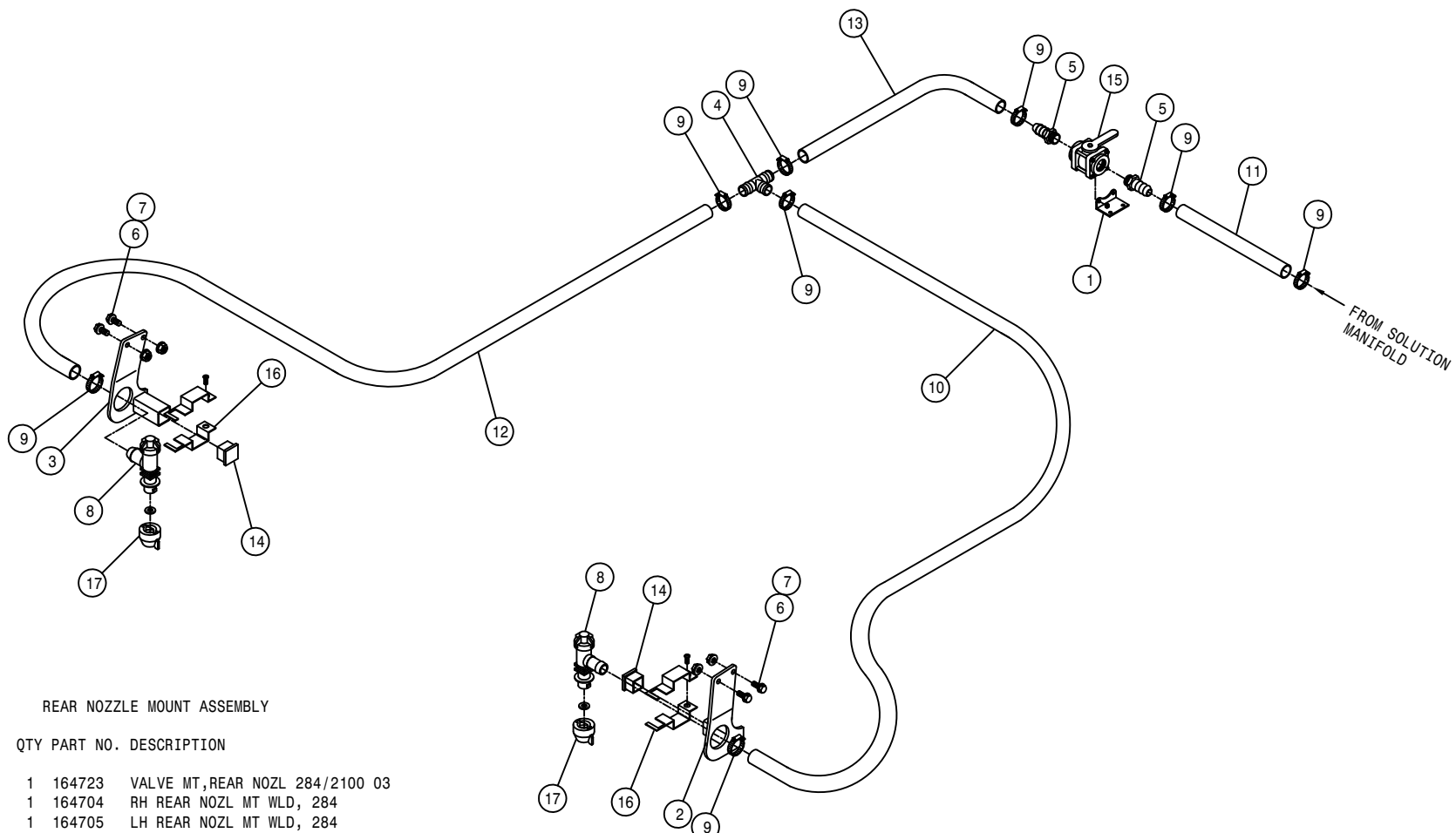
DET.	QTY	PART NO.	DESCRIPTION
	1	2	470118 1/4UNC X 3/4 FLANGE HEX BOLT
	2	1	473973 .31UNC-1.31ID-2.0 SQ U-BOLT SS
	3	1	473980 .31UNC-1.06ID-1.75SQ U-BOLT SS
	4	4	473993 6-32 X 1 1/4 HH MACH SCR
	5	1	737824 QUICK TEEJET SEAT GASKET
	6	1	520070 HOSE CLAMP NO 8 STAINLESS
	7	1	737875 NOZZLE BODY VALVE, 12VDC
	8	1	618556 1/4NPT-90-1/2 HOSE BARB,POLY
	9	1	737886 FENCE-ROW NOZZLE MT,284 01
	10	1	737906 FENCE ROW NOZL BRKT
	11	4	910022 6-32 HEX NUT
	12	2	914000 1/4UNC HEX STOVER NUT
	13	2	914002 5/16UNC HEX STOVER NUT
	14	1	920000 1/4 SAE FLAT WASHER
	15	2	920001 5/16 SAE FLAT WASHER
	16	1	737822 CAP SET, YELLOW QUICK TEEJET



LEFT FENCE ROW NOZZLE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

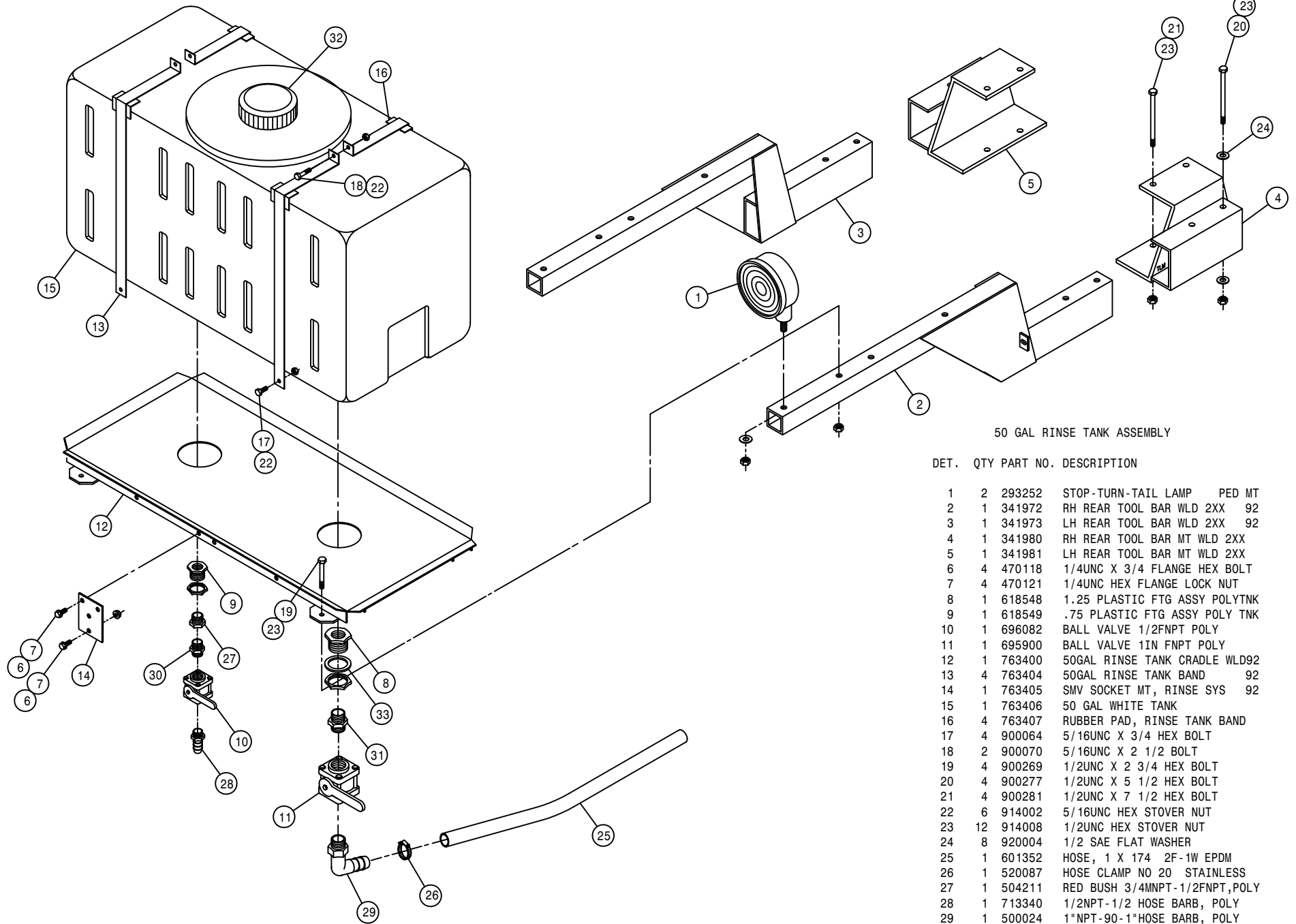
1	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT
2	1	473973	.31UNC-1.31ID-2.0 SQ U-BOLT SS
3	1	473980	.31UNC-1.06ID-1.75SQ U-BOLT SS
4	4	473993	6-32 X 1 1/4 HH MACH SCR
5	1	737824	QUICK TEEJET SEAT GASKET
6	1	520070	HOSE CLAMP NO 8 STAINLESS
7	1	737875	NOZZLE BODY VALVE, 12VDC
8	1	618556	1/4NPT-90-1/2 HOSE BARB,POLY
9	1	737886	FENCE-ROW NOZZLE MT,284 01
10	1	737906	FENCE ROW NOZL BRKT
11	4	910022	6-32 HEX NUT
12	2	914000	1/4UNC HEX STOVER NUT
13	2	914002	5/16UNC HEX STOVER NUT
14	1	920000	1/4 SAE FLAT WASHER
15	2	920001	5/16 SAE FLAT WASHER
16	1	737822	CAP SET, YELLOW QUICK TEEJET



REAR NOZZLE MOUNT ASSEMBLY

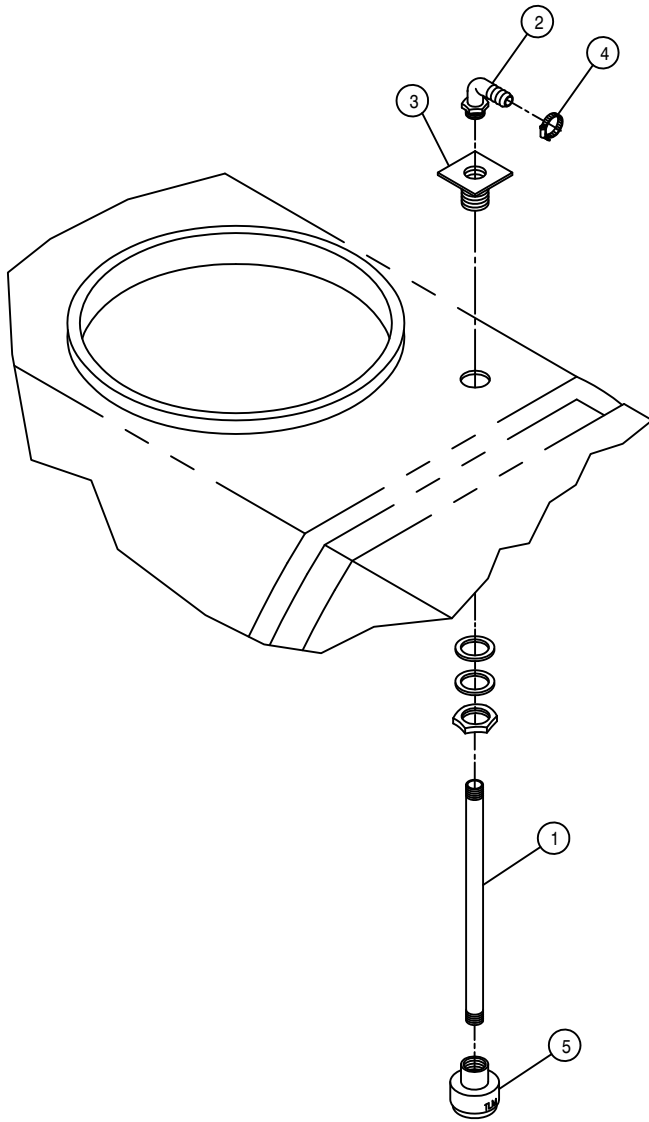
DET. QTY PART NO. DESCRIPTION

1	1	164723	VALVE MT,REAR NOZL 284/2100 03
2	1	164704	RH REAR NOZL MT WLD, 284
3	1	164705	LH REAR NOZL MT WLD, 284
4	2	500120	1/2" HOSE BARB TEE, POLY
5	2	713340	1/2NPT-1/2 HOSE BARB, POLY
6	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
7	4	470121	1/4UNC HEX FLANGE LOCK NUT
8	2	737827	QUICK TJET LBO,1-TIP BODY .50
9	8	520070	HOSE CLAMP NO 8 STAINLESS
10	1	601564	HOSE, 1/2 X 174 1BR BLK EPDM
11	1	601162	HOSE, 1/2 X 60 1BR BLK EPDM
12	1	601432	HOSE, 1/2 X 130 1BR BLK EPDM
13	1	601568	HOSE, 1/2 X 282 1BR BLK EPDM
14	2	629727	FINISH PLUG FOR 1 IN X 16 GA
15	1	696082	BALL VALVE 1/2FNPT POLY
16	2	737817	NOZL MT CLMP,1.00 SQ SS,Q-TJET
17	2	737822	CAP SET, YELLOW QUICK TEEJET



50 GAL RINSE TANK ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	293252	STOP-TURN-TAIL LAMP PED MT
2	1	341972	RH REAR TOOL BAR WLD 2XX 92
3	1	341973	LH REAR TOOL BAR WLD 2XX 92
4	1	341980	RH REAR TOOL BAR MT WLD 2XX
5	1	341981	LH REAR TOOL BAR MT WLD 2XX
6	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
7	4	470121	1/4UNC HEX FLANGE LOCK NUT
8	1	618548	1.25 PLASTIC FTG ASSY POLYTNK
9	1	618549	.75 PLASTIC FTG ASSY POLY TNK
10	1	696082	BALL VALVE 1/2FNPT POLY
11	1	695900	BALL VALVE 1IN FNPT POLY
12	1	763400	50GAL RINSE TANK CRADLE WLD92
13	4	763404	50GAL RINSE TANK BAND 92
14	1	763405	SMV SOCKET MT, RINSE SYS 92
15	1	763406	50 GAL WHITE TANK
16	4	763407	RUBBER PAD, RINSE TANK BAND
17	4	900064	5/16UNC X 3/4 HEX BOLT
18	2	900070	5/16UNC X 2 1/2 BOLT
19	4	900269	1/2UNC X 2 3/4 HEX BOLT
20	4	900277	1/2UNC X 5 1/2 HEX BOLT
21	4	900281	1/2UNC X 7 1/2 HEX BOLT
22	6	914002	5/16UNC HEX STOVER NUT
23	12	914008	1/2UNC HEX STOVER NUT
24	8	920004	1/2 SAE FLAT WASHER
25	1	601352	HOSE, 1 X 174 2F-1W EPDM
26	1	520087	HOSE CLAMP NO 20 STAINLESS
27	1	504211	RED BUSH 3/4MNPT-1/2FNPT,POLY
28	1	713340	1/2NPT-1/2 HOSE BARB, POLY
29	1	500024	1"NPT-90-1"HOSE BARB, POLY
30	1	503101	1/2NPT CLOSE NIPPLE, POLY
31	1	500052	1 1/4 X 1NPT REDU NIPPLE,POLY
32	1	690511	LID, RAVEN RINSE TANK 763406
33	1	763430	1 1/4 TANK FLANGE RUBBER SEAL

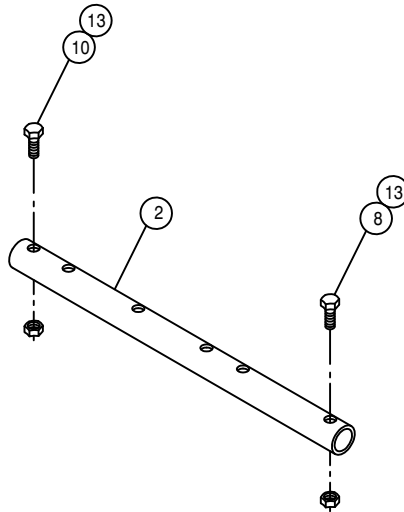
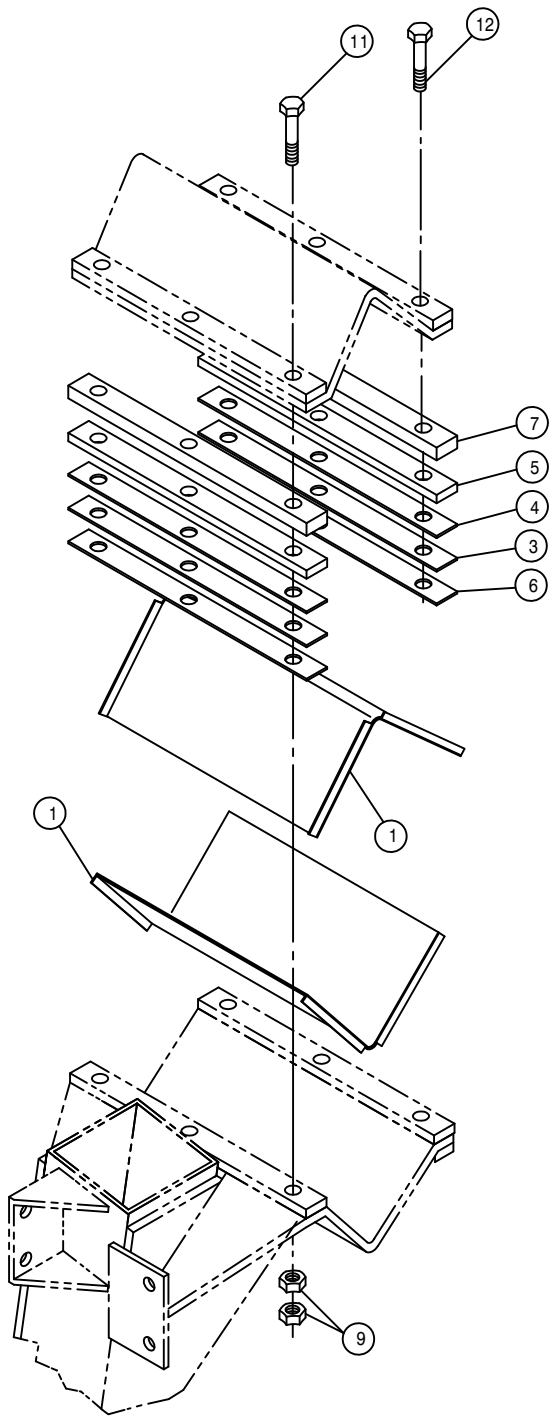


RINSE NOZZLE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	504850	CPVC PIPE NIPPLE .75NPT-24.00
2	2	500041	3/4NPT-90-1/2"HOSE BARB, POLY
3	2	618549	.75 PLASTIC FTG ASSY POLY TNK
4	2	520070	HOSE CLAMP NO 8 STAINLESS
5	2	737873	ROTARY NOZZLE, TEFLON

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

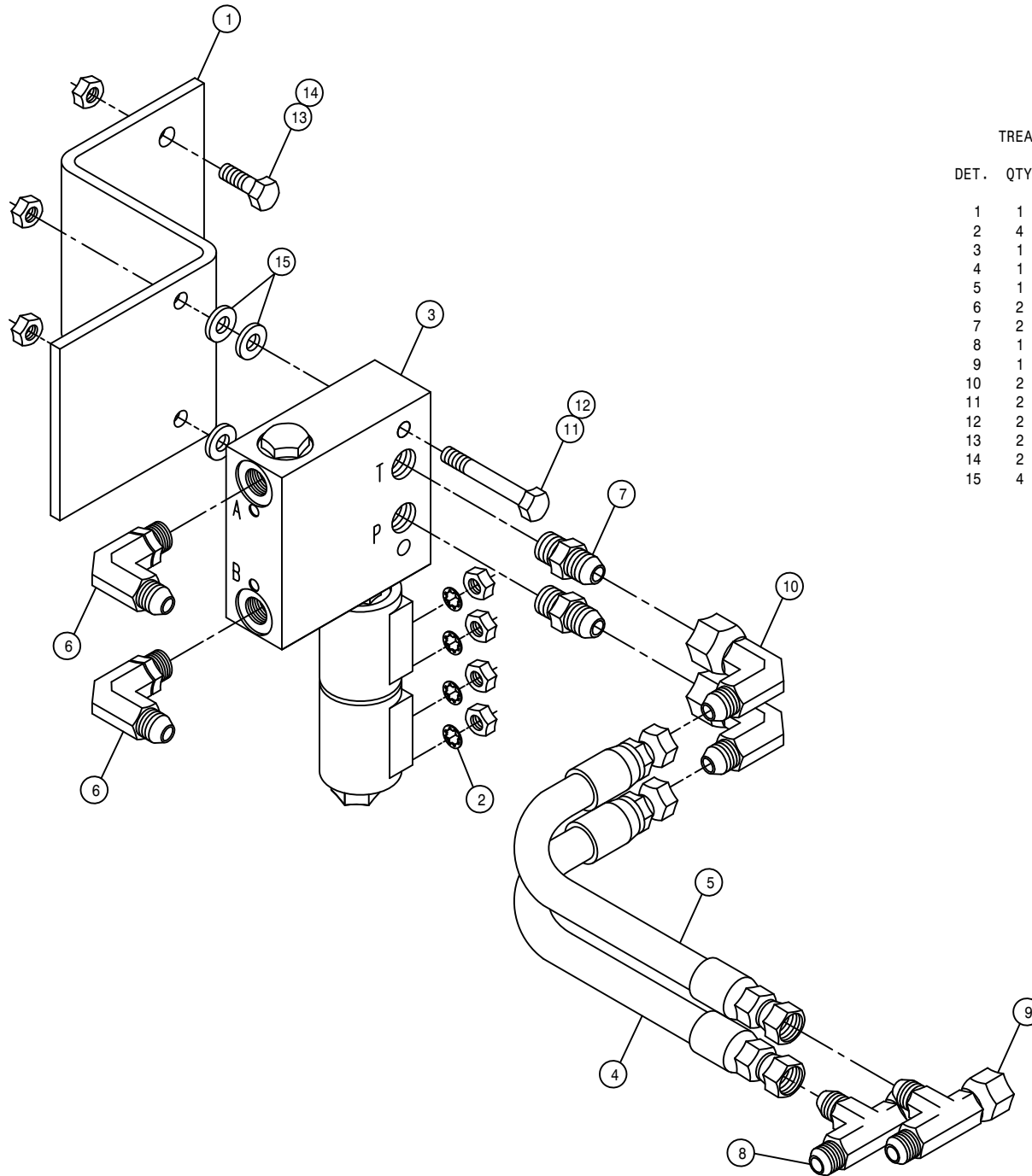


TREAD ADJUSTMENT ASSEMBLY

DET. QTY PART NO. DESCRIPTION

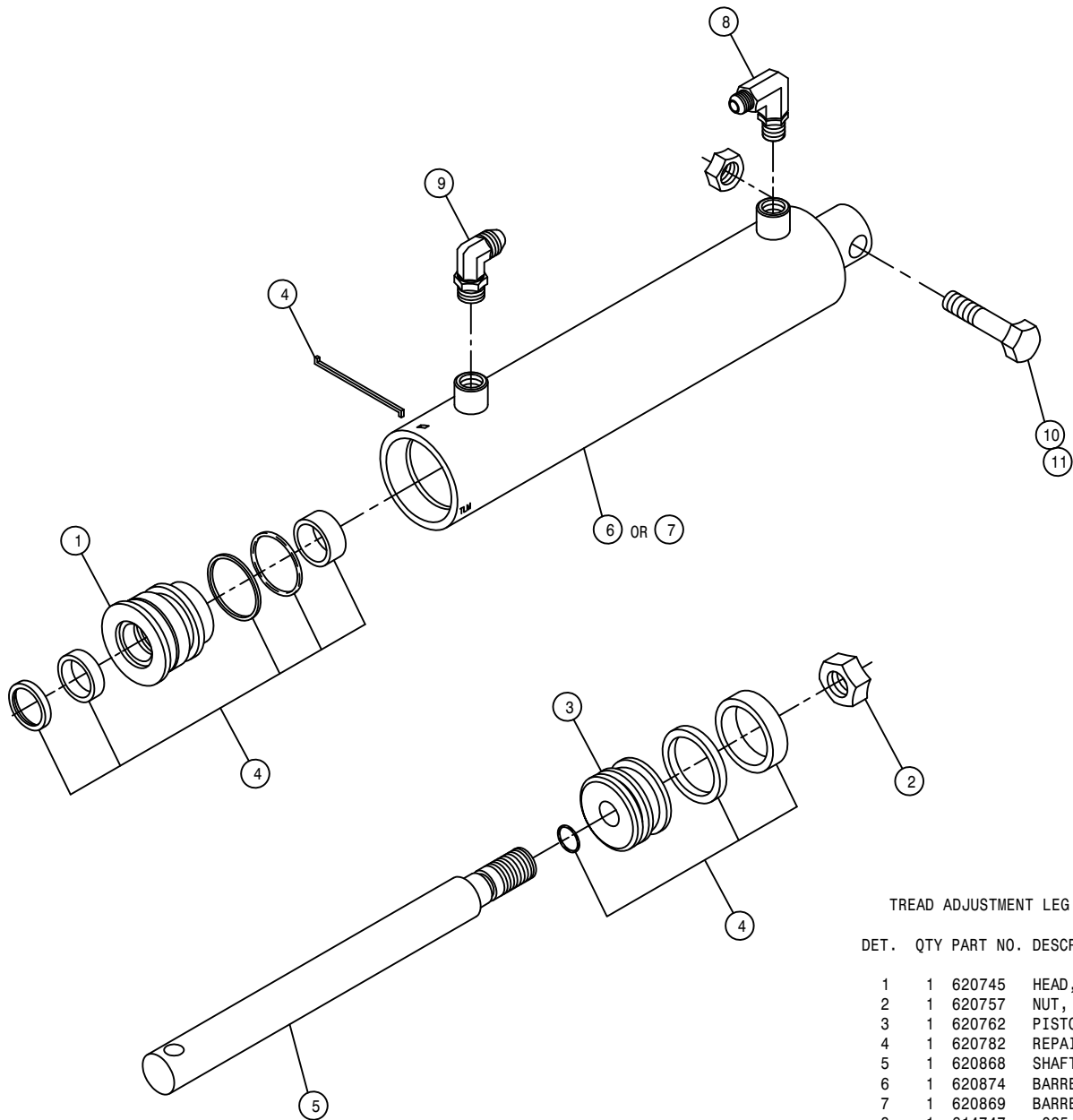
1	8	358703	TREAD ADJ XMBR BEARING ASSY	
2	4	358747	TREAD ADJ CYL EXT TUBE	94
3	8	358767	.025 LEG MT SHIM, 284T	94
4	8	358752	.074 LEG MT SHIM, 284T	94
5	8	358769	.250 LEG MT SHIM, 284T	94
6	8	358768	.037 LEG MT SHIM, 284T	94
7	8	358766	.375 LEG MT SPACER, 284T	94
8	4	900268	1/2UNC X 2 1/2 HEX BOLT	
9	48	914811	5/8UNF HEX NUT GR8	
10	4	900267	1/2UNC X 2" HEX BOLT	
11	12	900837	5/8UNF X 3 1/2 HEX BOLT GR8	
12	12	900838	5/8UNF X 4" HEX BOLT GR8	
13	8	914008	1/2UNC HEX STOVER NUT	

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



TREAD ADJUST CONTROL VALVE ASSEMBLY

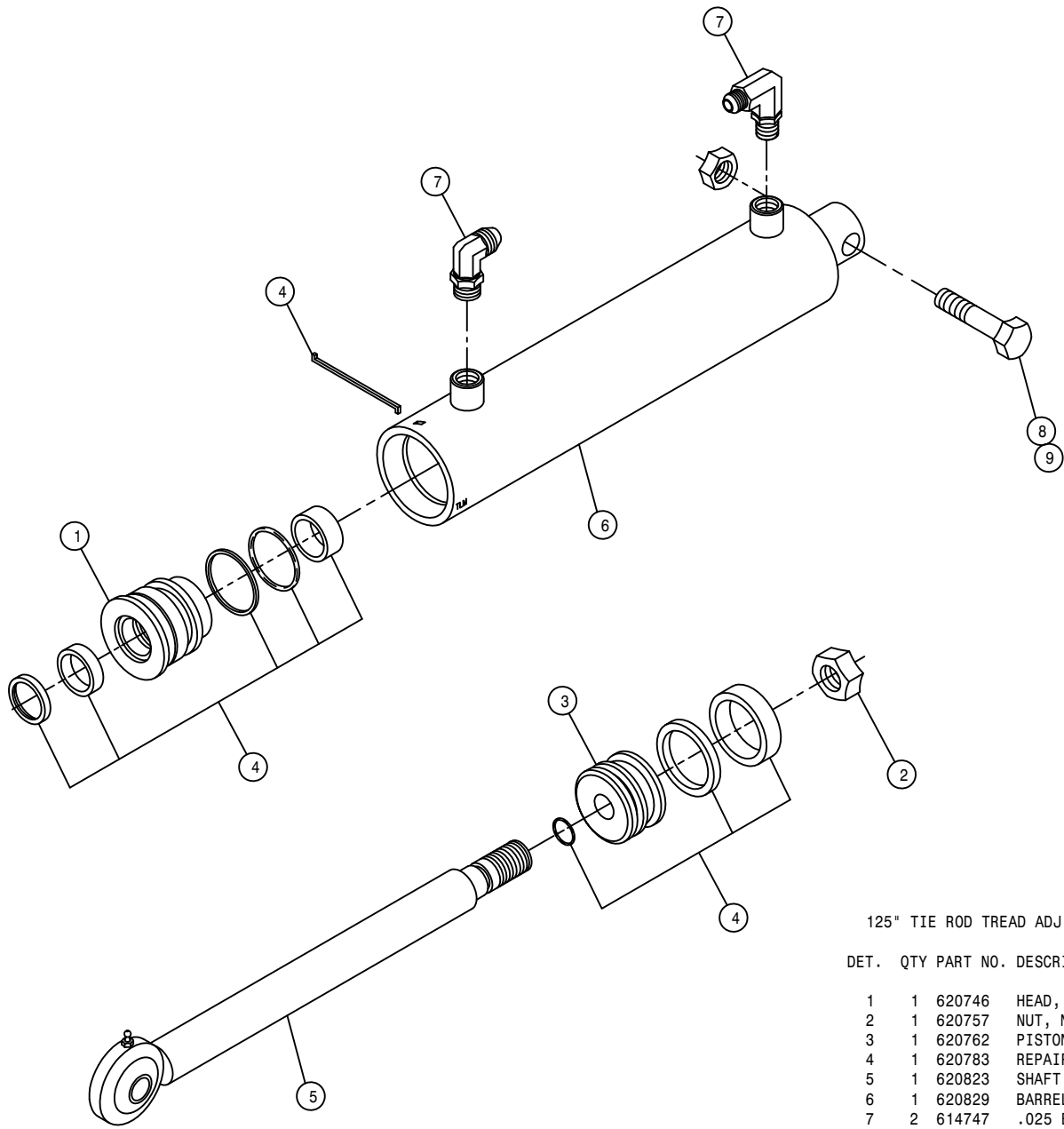
DET.	QTY	PART NO.	DESCRIPTION
1	1	164652	TREAD ADJ VLV MT, 284
2	4	473802	# 8 INT TOOTH STAR WASHER
3	1	606100	TREAD ADJ VLV,284/XP,PWRSYS 03
4	1	615473	06C1T-06FJX-08FJX-18 H/A
5	1	615620	06C1T-06FJX-06FJX-18 H/A
6	2	618119	9/16MJIC-90-9/16MOR LBO
7	2	618126	9/16MJIC-9/16MOR ADPTR
8	1	618451	3/4FJIC SW RUN TEE-3/4MJIC
9	1	618486	9/16FJIC SW RUN TEE-9/16MJIC
10	2	618618	9/16MJIC-90-9/16FJIC SWIV LBO
11	2	900086	5/16UNC X 2 1/4 HEX BOLT
12	2	914002	5/16UNC HEX STOVER NUT
13	2	900129	3/8UNC X 1" HEX BOLT
14	2	914004	3/8UNC HEX STOVER NUT
15	4	920001	5/16 SAE FLAT WASHER



TREAD ADJUSTMENT LEG CYLINDER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	620745	HEAD, H-2.00-335
	1	620757	NUT, N-0.75-02
	1	620762	PISTON, P-2.00-102
	1	620782	REPAIR KIT, HYD CYL, RK-2.00-804
	1	620868	SHAFT, LEG CYL, RH TA 284 620865
	1	620874	BARREL, LEG CYL, LH TA284 620870
	1	620869	BARREL, LEG CYL, RH TA284 620865
	1	614747	.025 ELBOW ASSY, 9/16MOR 90D
	1	618119	9/16MJIC-90-9/16MOR LBO
	1	900268	1/2UNC X 2 1/2 HEX BOLT
	1	914008	1/2UNC HEX STOVER NUT

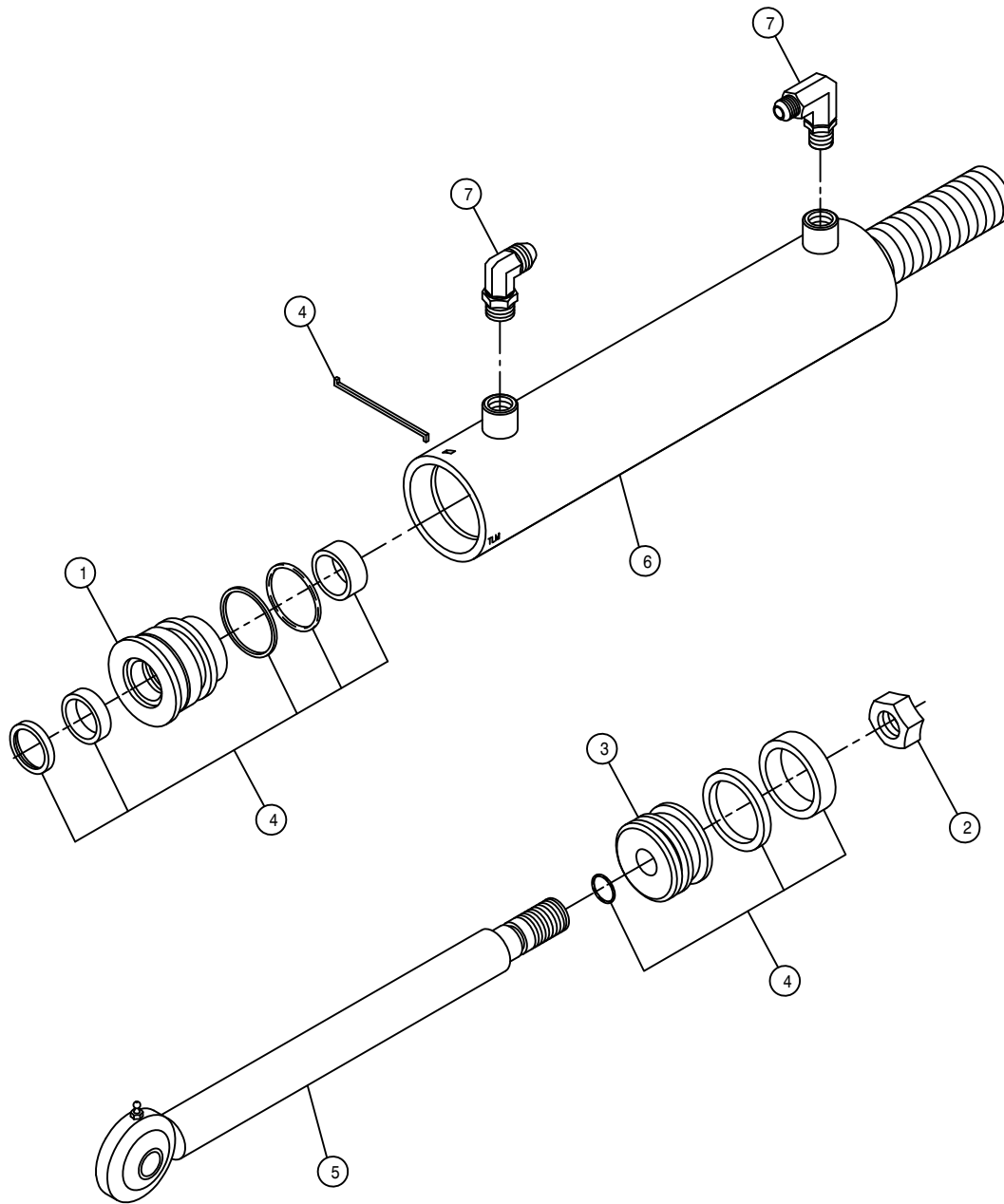
NOTE: 1. 620865 - RH LEG TREAD ADJ CYL ASSEMBLY INCLUDES ITEMS 1-5 & 7
 2. 620870 - LH LEG TREAD ADJ CYL ASSEMBLY INCLUDES ITEMS 1-5 & 6
 3. 621025 - RH LEG TREAD ADJ CYLINDER ASSEMBLY WITH FITTINGS
 4. 621026 - LH LEG TREAD ADJ CYLINDER ASSEMBLY WITH FITTINGS



125" TIE ROD TREAD ADJ CYLINDER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	620746	HEAD, H-2.00-347
	1	620757	NUT, N-0.75-02
	1	620762	PISTON, P-2.00-102
	1	620783	REPAIR KIT, HYD CYL, RK-2.00-805
	1	620823	SHAFT, STRG CYL, 90" 620820, 825
	1	620829	BARREL, STRG CYL, 125" TA 620825
	2	614747	.025 ELBOW ASSY, 9/16MOR 90D
	1	900268	1/2UNC X 2 1/2 HEX BOLT
	1	914008	1/2UNC HEX STOVER NUT

NOTE: 1. 620825 - 125" TREAD ADJ CYL ASSEMBLY INCLUDES ITEMS 1-6
 2. 621003 - 125" TREAD ADJ STEERING CYL ASSEMBLY WITH FITTINGS

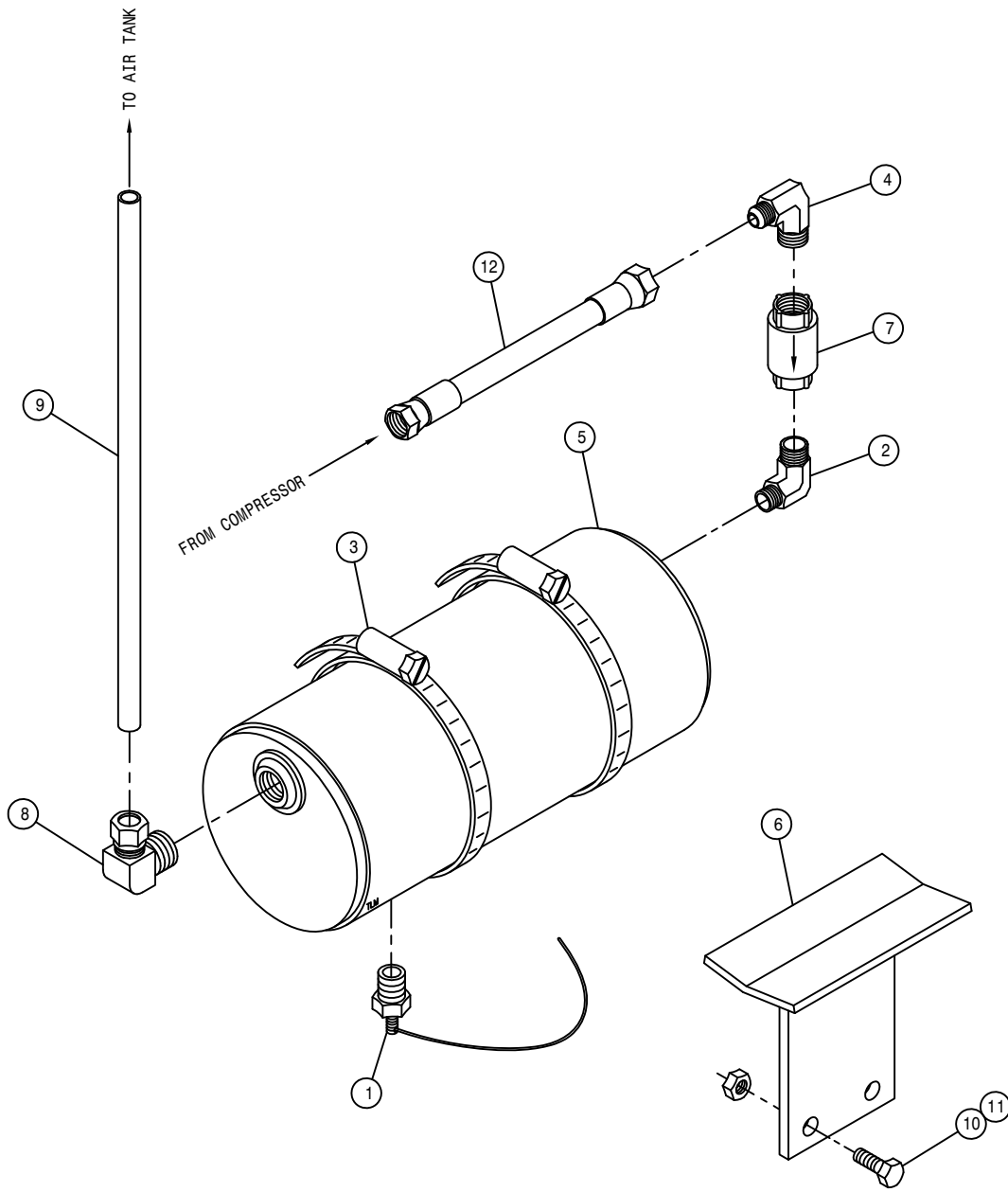


90° TIE ROD TREAD ADJ CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

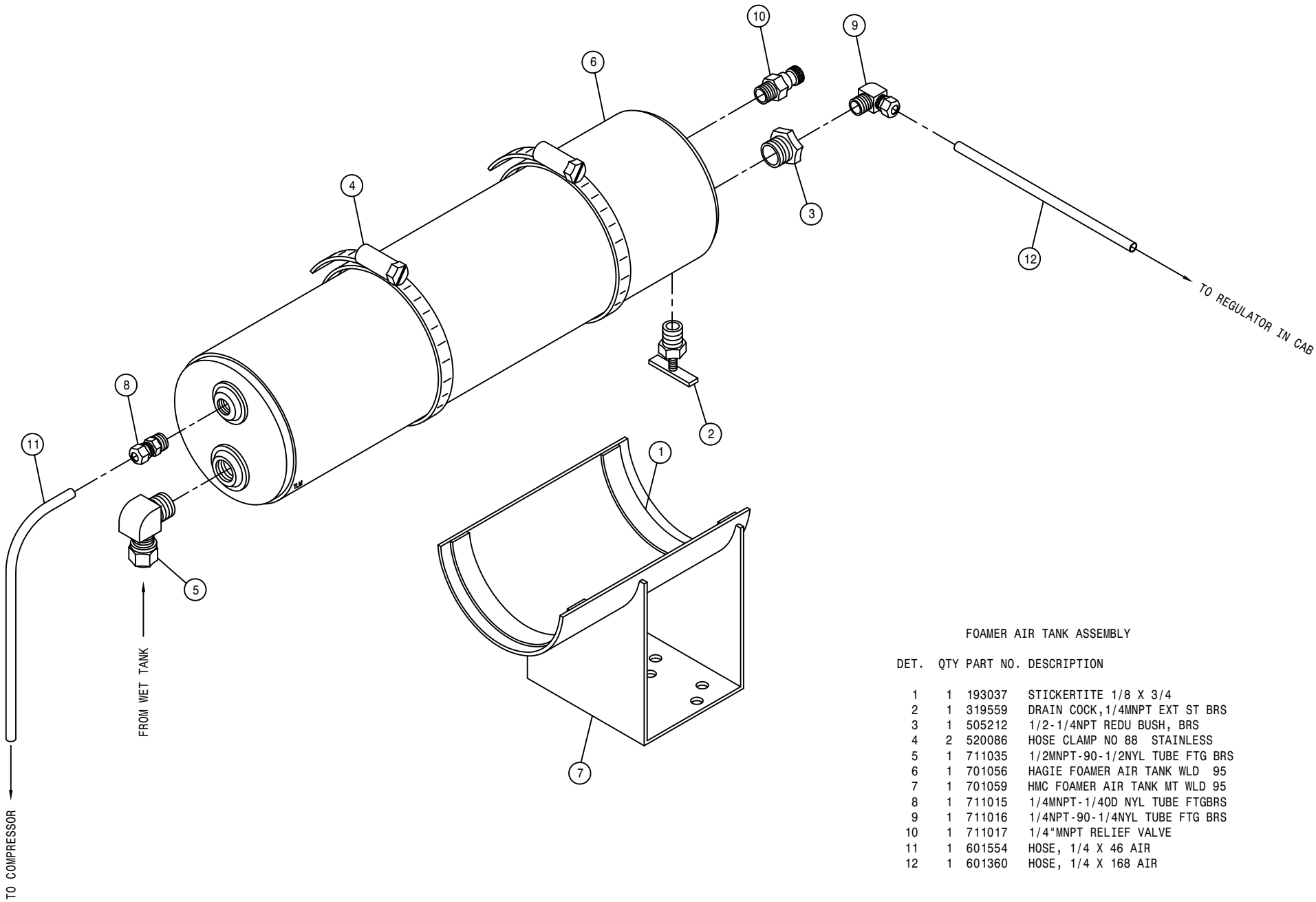
1	1	620746	HEAD, H-2.00-347
2	1	620757	NUT, N-0.75-02
3	1	620762	PISTON, P-2.00-102
4	1	620783	REPAIR KIT, HYD CYL, RK-2.00-805
5	1	620823	SHAFT, STRG CYL, 90" 620820, 825
6	1	620824	BARREL, STRG CYL, 90" TA 620820
7	2	614747	.025 ELBOW ASSY, 9/16MOR 90D

NOTE: 1. 620820 - 90" TREAD ADJ CYL ASSEMBLY INCLUDES ITEMS 1-6
 2. 621002 - 90" TREAD ADJ STEERING CYL ASSEMBLY WITH FITTINGS



AIR WET TANK ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	1	470266	DRAIN VALVE KIT, 1/4NPT
2	1	618711	3/4MNPT-90-1/2MNPT REDU LBO
3	2	520086	HOSE CLAMP NO 88 STAINLESS
4	1	610305	3/4MJIC-90-3/4MNPT LBO
5	1	701115	WET TANK WLD 98
6	1	701146	WET TANK MTG BRKT WLD, 284 99
7	1	711050	3/4"FNPT CHECK VALVE S.S.
8	1	711035	1/2MNPT-90-1/2NYL TUBE FTG BRS
9	1	601441	HOSE, 1/2 X 20 AIR
10	2	900129	3/8UNC X 1" HEX BOLT
11	2	914004	3/8UNC HEX STOVER NUT
12	1	611301	08P919-08FJX-08FJX-18 H/A



FOAMER AIR TANK ASSEMBLY

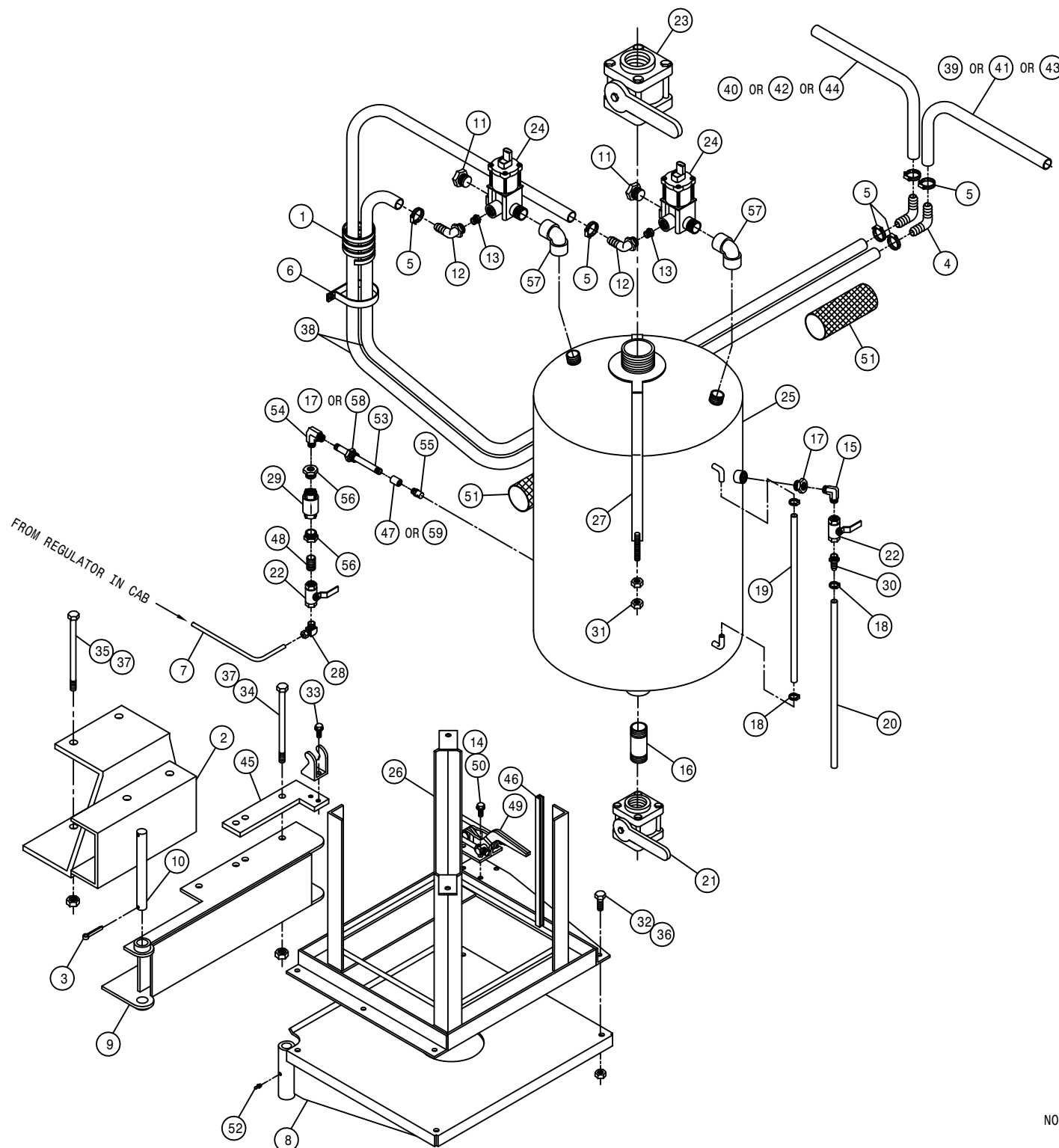
DET.	QTY	PART NO.	DESCRIPTION
	1	193037	STICKERTITE 1/8 X 3/4
	1	319559	DRAIN COCK, 1/4MNPT EXT ST BRS
	1	505212	1/2-1/4NPT REDU BUSH, BRS
	2	520086	HOSE CLAMP NO 88 STAINLESS
	1	711035	1/2MNPT-90-1/2NYL TUBE FTG BRS
	1	701056	HAGIE FOAMER AIR TANK WLD 95
	1	701059	HMC FOAMER AIR TANK MT WLD 95
	1	711015	1/4MNPT-1/4OD NYL TUBE FTGBRS
	1	711016	1/4NPT-90-1/4NYL TUBE FTG BRS
	1	711017	1/4"MNPT RELIEF VALVE
	1	601554	HOSE, 1/4 X 46 AIR
	1	601360	HOSE, 1/4 X 168 AIR

FOAM MARKER TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

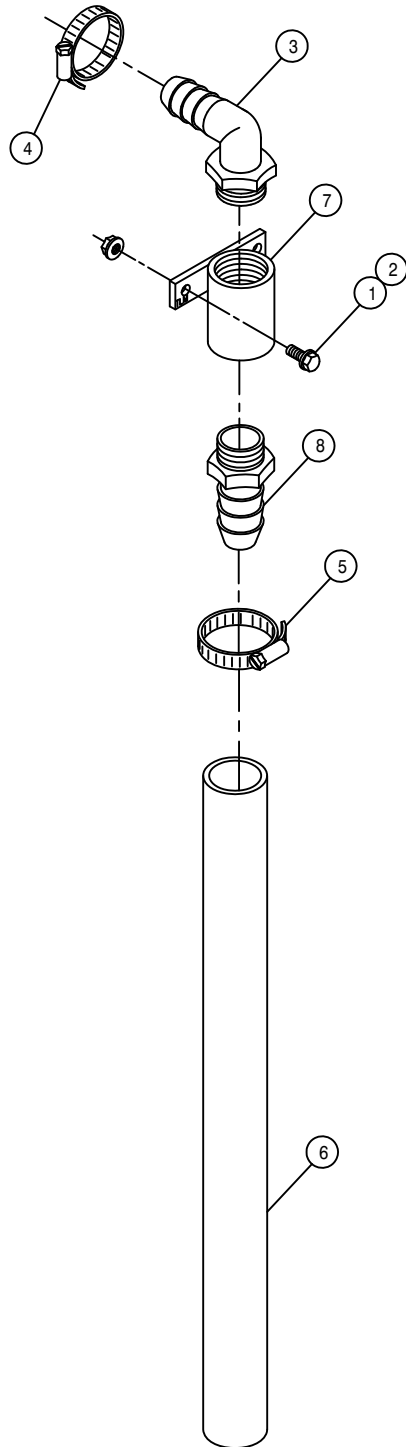
1	2	193002	SPIRAL PROTECTIVE WRAP, BLACK
2	1	341980	RH REAR TOOL BAR MT WLD 2XX
3	2	470039	COTTER PIN 3/16 X 1 1/4 SQCUT
4	2	500069	3/4-90-3/4 HOSE BARB, POLY
5	6	520055	HOSE CLAMP NO 12 STAINLESS
6	1	520126	CUSH HOSE CLAMP 2IN X 5/8W
7	1	601366	HOSE, 1/4 X 192 AIR
8	1	701043	HAGIE FOAMER BASE WLD 95
9	1	701048	HAGIE FOAMER BASE MT WLD 95
10	1	701055	HMC FOAMER BASE PIVOT PIN 95
11	2	500043	3/4NPT PIPE PLUG, POLY
12	2	701214	1/2NPT-90-3/4HBARB,1/4TAP,POLY
13	2	701215	1/4PIPE PLUG,.187 ORIFICE,POLY
14	4	470233	5/16UNC X 3/4 FLANGE HEX BOLT
15	1	502705	1/4NPT-90-1/4NPT LBO, BRS
16	1	505202	BLK PIPE NIPPLE 1.00NPT-2.00
17	2	505211	3/8-1/4NPT REDU BUSH, BRS
18	3	520120	HOSE CLAMP NO 4 STAINLESS
19	1	601364	HOSE, 3/8 X 16 CLEAR VINYL
20	1	601370	HOSE, 3/8 X 30 CLEAR VINYL
21	1	695900	BALL VALVE 1IN FNPT POLY
22	2	696120	BALL VALVE, 1/4NPT, STEEL
23	1	696134	BALL VALVE 2IN FNPT POLY
24	2	696181	3/4" ELECT SOLU SOLE VALVE 02
25	1	701091	FOAM MARKER TANK, 20 GAL SS
26	1	701093	FOAM MARKER TANK MT WLD
27	1	701099	FOAM MARKER TANK STRAP WLD
28	1	711016	1/4NPT-90-1/4NYL TUBE FTG BRS
29	1	711050	3/4"FNPT CHECK VALVE S.S.
30	1	783304	1/4 NPT X 3/8 HOSE BARB, BRS
31	4	910004	3/8UNC HEX NUT
32	4	900129	3/8UNC X 1" HEX BOLT
33	2	470232	5/16UNC X 1/2 FLANGE HEX BOLT
34	2	900278	1/2UNC X 6" HEX BOLT
35	2	900281	1/2UNC X 7 1/2 HEX BOLT
36	4	914004	3/8UNC HEX STOVER NUT
37	4	914008	1/2UNC HEX STOVER NUT
38	2	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 168.00
39	1	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 588.00
40	1	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 612.00
41	1	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 708.00
42	1	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 732.00
43	1	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 768.00
44	1	195908	HOSE, 3/4ID-1/8W CLEAR VINYL X 792.00
45	1	701105	FOAM MARKER TANK LATCH MT
46	8	193016	QUICKEDGE TRIM .060 TO .170
47	1	500202	SS PIPE CPLG, 1/8NPT .563 OD
48	1	502707	PIPE NIP,1/4NPT HEX CLOSE,BRS
49	1	470238	DE-STA-CO CLAMP, TC-341 LATCH
50	4	470113	5/16UNC HEX FLANGE LOCK NUT
51	2	342333	NYL HOSE SLEEVE,2.64ID X 12.00
52	1	471005	1/4 28 X 1/2 GREASE ZERK
53	1	507021	SS PIPE NIPPLE, 1/8NPT X 6"
54	1	701143	FOAMER AIR TUBE FTG
55	1	701144	FOAMER AIR NOZZLE
56	2	507724	REDU BUSH 3/4MNPT X 1/4FNPT,SS
57	2	500079	3/4NPT-90 EL, POLY
58	1	507728	REDU BUSH 1/2MNPT X 1/4FNPT,SS
59	1	500223	SS PIPE CPLG, 1/8NPT

NOTE: 1. DETAIL 39 AND 40 ARE USED WITH THE 60 FT BOOM.
 2. DETAIL 41 AND 42 ARE USED WITH THE 80 FT BOOM.
 3. DETAIL 43 AND 44 ARE USED WITH THE 90 FT BOOM.



95

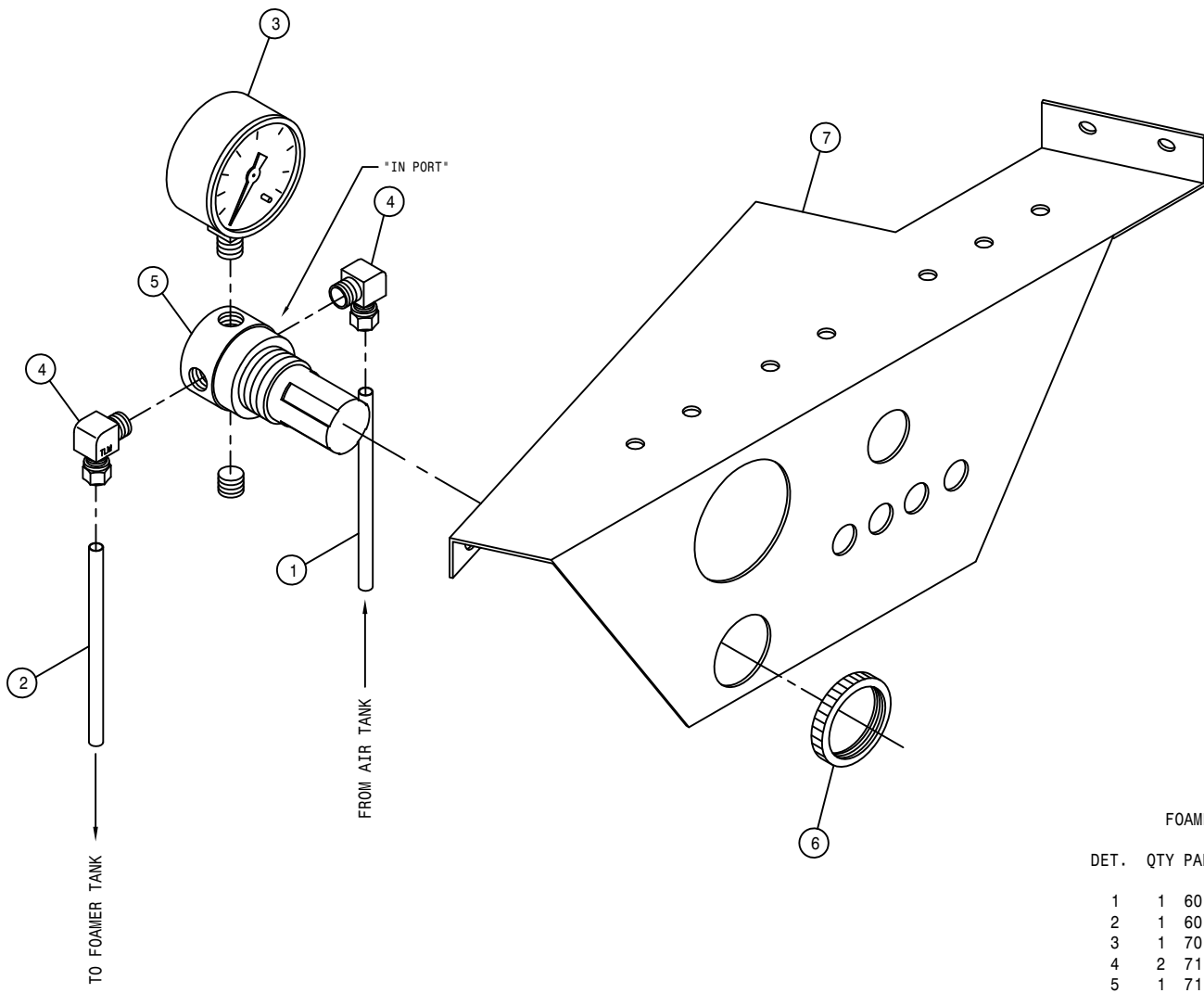
262095



FOAMER DROP END ASSEMBLY

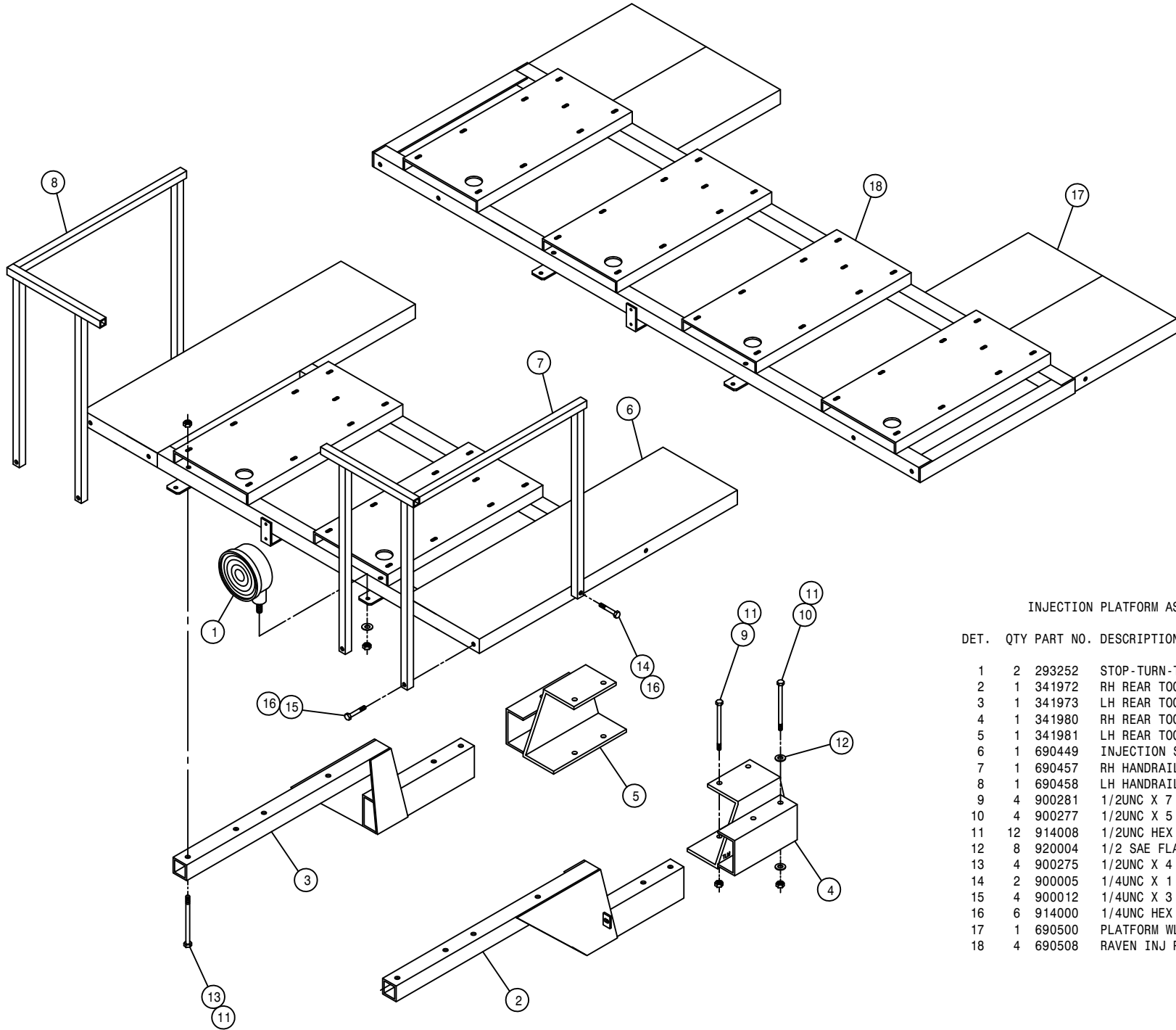
DET.	QTY	PART NO.	DESCRIPTION
	1	4 470118	1/4UNC X 3/4 FLANGE HEX BOLT
	2	4 470121	1/4UNC HEX FLANGE LOCK NUT
	3	2 500067	1 NPT-90-3/4 HOSE BARB, POLY
	4	2 520055	HOSE CLAMP NO 12 STAINLESS
	5	2 520085	HOSE CLAMP NO 24 STAINLESS
	6	2 601367	HOSE, 1 1/4 X 24 2BR BLK EPDM
	7	2 701102	FOAM MARKER DROP CPLR WELD
	8	2 714561	1.00NPT-1.25 HOSE BARB

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



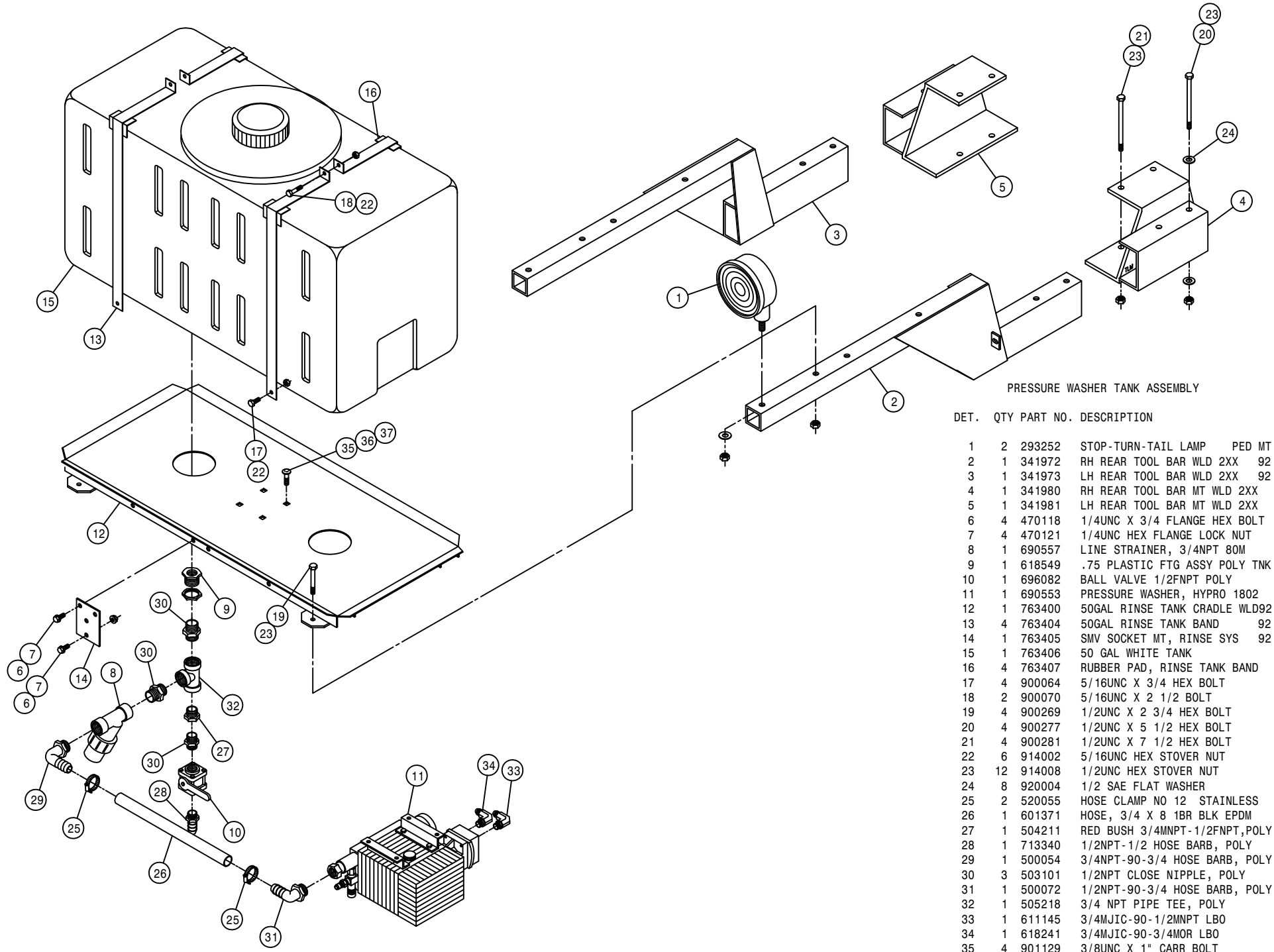
FOAMER AIR REGULATOR ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	601360	HOSE, 1/4 X 168 AIR
	1	601366	HOSE, 1/4 X 192 AIR
	1	701310	AIR PRESS GAUGE, 1/8"BOT
	2	711016	1/4NPT-90-1/4NYL TUBE FTG BRS
	1	711019	1/4"MNPT AIR REGULATOR
	1	711021	1 1/4-18 NUT,AIR REGULATOR MT
	1	342215	MONITOR MT, 284 CAB



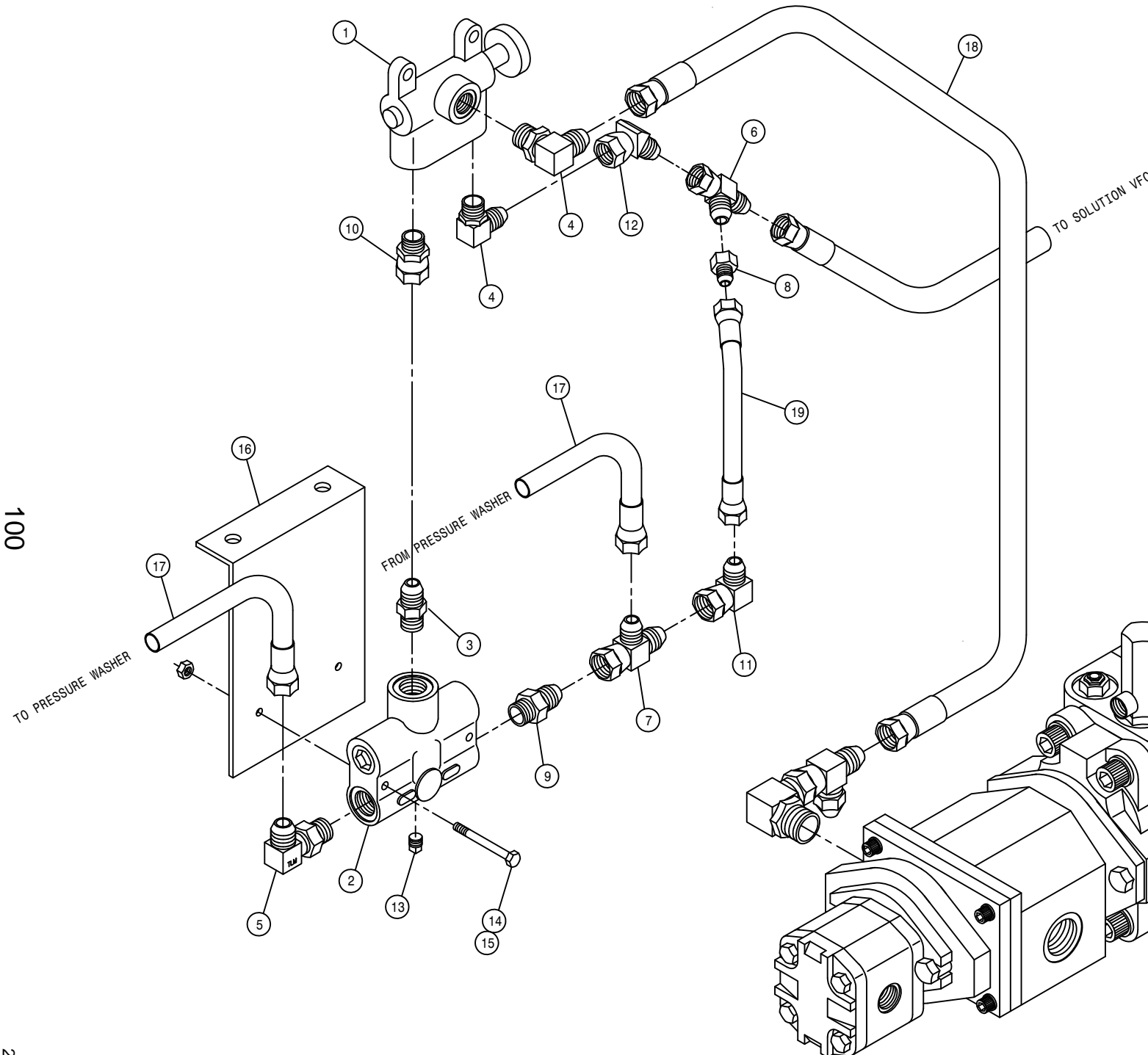
INJECTION PLATFORM ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	293252	STOP-TURN-TAIL LAMP PED MT
2	1	341972	RH REAR TOOL BAR WLD 2XX 92
3	1	341973	LH REAR TOOL BAR WLD 2XX 92
4	1	341980	RH REAR TOOL BAR MT WLD 2XX
5	1	341981	LH REAR TOOL BAR MT WLD 2XX
6	1	690449	INJECTION SYS MT/PLATFORM WLD
7	1	690457	RH HANDRAIL WLD, INJ PLATFORM
8	1	690458	LH HANDRAIL WLD, INJ PLATFORM
9	4	900281	1/2UNC X 7 1/2 HEX BOLT
10	4	900277	1/2UNC X 5 1/2 HEX BOLT
11	12	914008	1/2UNC HEX STOVER NUT
12	8	920004	1/2 SAE FLAT WASHER
13	4	900275	1/2UNC X 4 1/2 HEX BOLT
14	2	900005	1/4UNC X 1 1/2 HEX BOLT
15	4	900012	1/4UNC X 3 1/2 HEX BOLT
16	6	914000	1/4UNC HEX STOVER NUT
17	1	690500	PLATFORM WLD, 3 & 4 UNIT SYS
18	4	690508	RAVEN INJ PUMP/TANK MT CHAN



PRESSURE WASHER TANK ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	293252	STOP-TURN-TAIL LAMP PED MT
2	1	341972	RH REAR TOOL BAR WLD 2XX 92
3	1	341973	LH REAR TOOL BAR WLD 2XX 92
4	1	341980	RH REAR TOOL BAR MT WLD 2XX
5	1	341981	LH REAR TOOL BAR MT WLD 2XX
6	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
7	4	470121	1/4UNC HEX FLANGE LOCK NUT
8	1	690557	LINE STRAINER, 3/4NPT 80M
9	1	618549	.75 PLASTIC FTG ASSY POLY TNK
10	1	696082	BALL VALVE 1/2FNPT POLY
11	1	690553	PRESSURE WASHER, HYPRO 1802
12	1	763400	50GAL RINSE TANK CRADLE WLD92
13	4	763404	50GAL RINSE TANK BAND 92
14	1	763405	SMV SOCKET MT, RINSE SYS 92
15	1	763406	50 GAL WHITE TANK
16	4	763407	RUBBER PAD, RINSE TANK BAND
17	4	900064	5/16UNC X 3/4 HEX BOLT
18	2	900070	5/16UNC X 2 1/2 BOLT
19	4	900269	1/2UNC X 2 3/4 HEX BOLT
20	4	900277	1/2UNC X 5 1/2 HEX BOLT
21	4	900281	1/2UNC X 7 1/2 HEX BOLT
22	6	914002	5/16UNC HEX STOVER NUT
23	12	914008	1/2UNC HEX STOVER NUT
24	8	920004	1/2 SAE FLAT WASHER
25	2	520055	HOSE CLAMP NO 12 STAINLESS
26	1	601371	HOSE, 3/4 X 8 1BR BLK EPDM
27	1	504211	RED BUSH 3/4MNPT-1/2FNPT,POLY
28	1	713340	1/2NPT-1/2 HOSE BARB, POLY
29	1	500054	3/4NPT-90-3/4 HOSE BARB, POLY
30	3	503101	1/2NPT CLOSE NIPPLE, POLY
31	1	500072	1/2NPT-90-3/4 HOSE BARB, POLY
32	1	505218	3/4 NPT PIPE TEE, POLY
33	1	611145	3/4MJIC-90-1/2MNPT LBO
34	1	618241	3/4MJIC-90-3/4MOR LBO
35	4	901129	3/8UNC X 1" CARR BOLT
36	4	910004	3/8UNC HEX NUT
37	4	920502	3/8 LOCK WASHER



PRESSURE WASHER FLOW DIVIDER ASSEMBLY

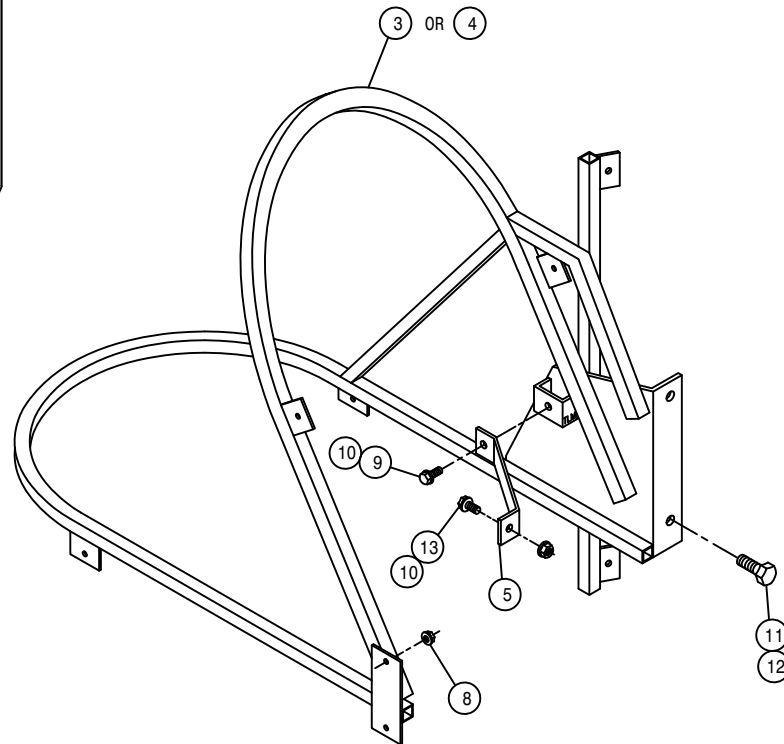
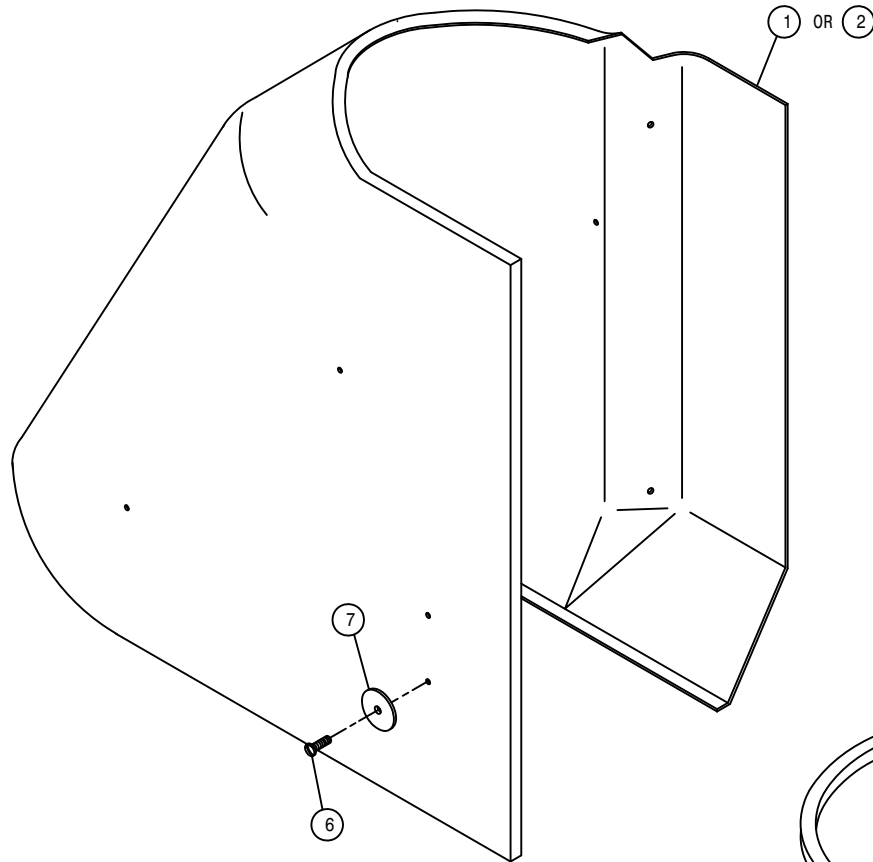
DET.	QTY	PART NO.	DESCRIPTION	
1	1	606005	GRESEN SELECTOR VALVE S-10	
2	1	607518	FLO DIV BGR56 6GPM PRI 7/8FOR	
3	1	611126	7/8MJIC-7/8MOR ADPTR	
4	2	611128	7/8MJIC-90-7/8MOR LBO	
5	1	618183	3/4MJIC-90-7/8MOR LBO	
6	1	618333	7/8FJIC SW RUN TEE-7/8MJIC	
7	1	618451	3/4FJIC SW RUN TEE-3/4MJIC	
8	1	618523	7/8FJIC-3/4MJIC ADPTR	
9	1	618327	3/4MJIC-7/8MOR ADPTR	
10	1	618594	7/8FJIC SWIV-7/8MOR ADPTR	
11	1	618609	3/4MJIC-90-3/4FJIC SWIV LBO	
12	1	618628	7/8MJIC-45-7/8FJIC SWIV LBO	
13	1	502800	PIPE PLUG .375NPT SQ HD	
14	2	900007	1/4UNC X 2" HEX BOLT	
15	2	914000	1/4UNC HEX STOVER NUT	
16	1	763469	FLO DIV BRKT, PRESS WASHER	
17	2	615385	08C1T-08FJX-08FJX-29	H/A
18	1	615521	10C1T-10FJX-10FJX-18	H/A
19	1	615626	08C1T-08FJX-08FJX-15	H/A

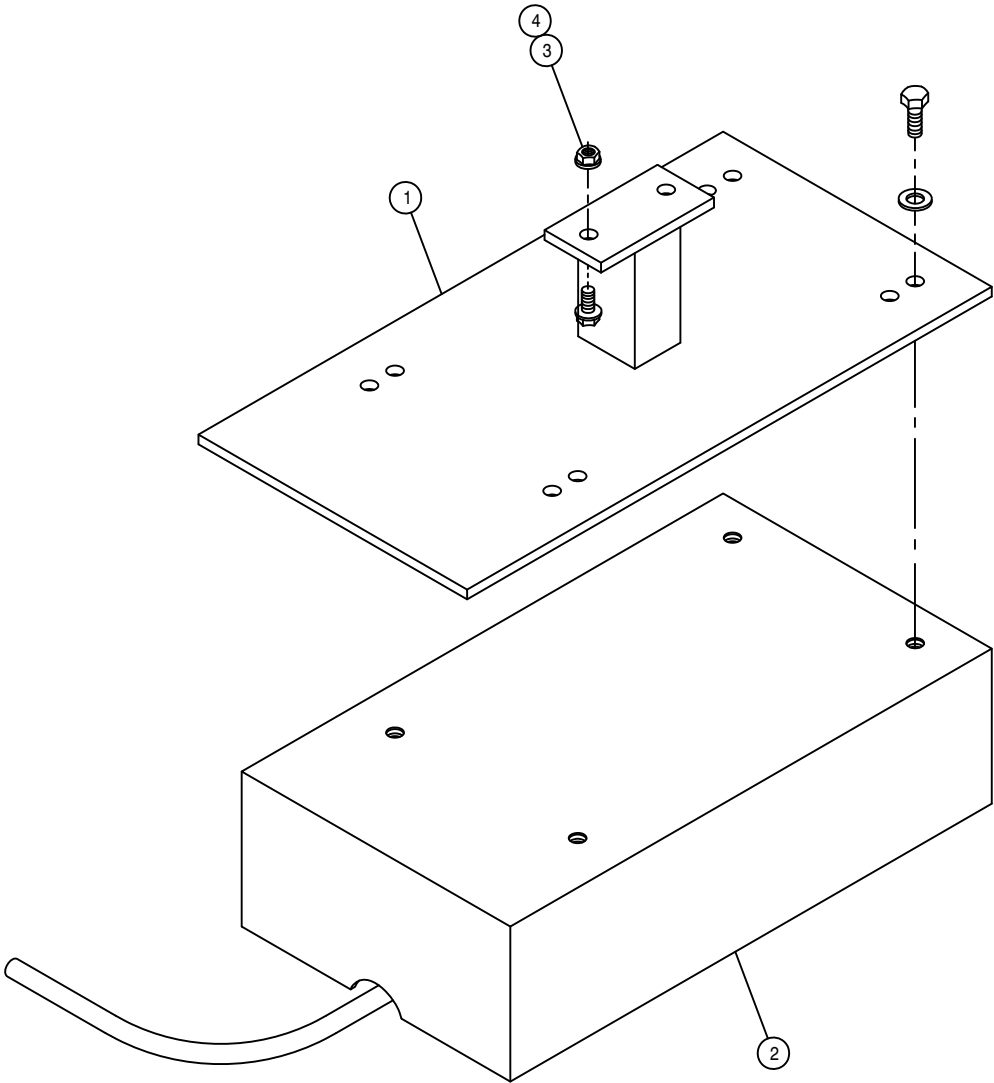
CROP SHIELD ASSEMBLY

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	2	662232	RH POLY CROP SHIELD, 284
2	2	662233	LH POLY CROP SHIELD, 284
3	2	662234	RH POLY CROP SHIELD MT WLD284
4	2	662235	LH POLY CROP SHIELD MT WLD284
5	4	662248	POLY SHIELD MT BRACE, 284
6	32	472261	1/4UNC X 3/4 TRUSS HD BOLT
7	32	483013	1 1/2 X 1/4 X 16 GA WASHER
8	32	470121	1/4UNC HEX FLANGE LOCK NUT
9	4	900128	3/8UNC X 3/4 HEX BOLT
10	8	470087	3/8UNC HEX FLANGE LOCK NUT
11	8	900264	1/2UNC X 1 1/4 HEX BOLT
12	8	914008	1/2UNC HEX STOVER NUT
13	4	900130	3/8UNC X 1 1/4 HEX BOLT

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

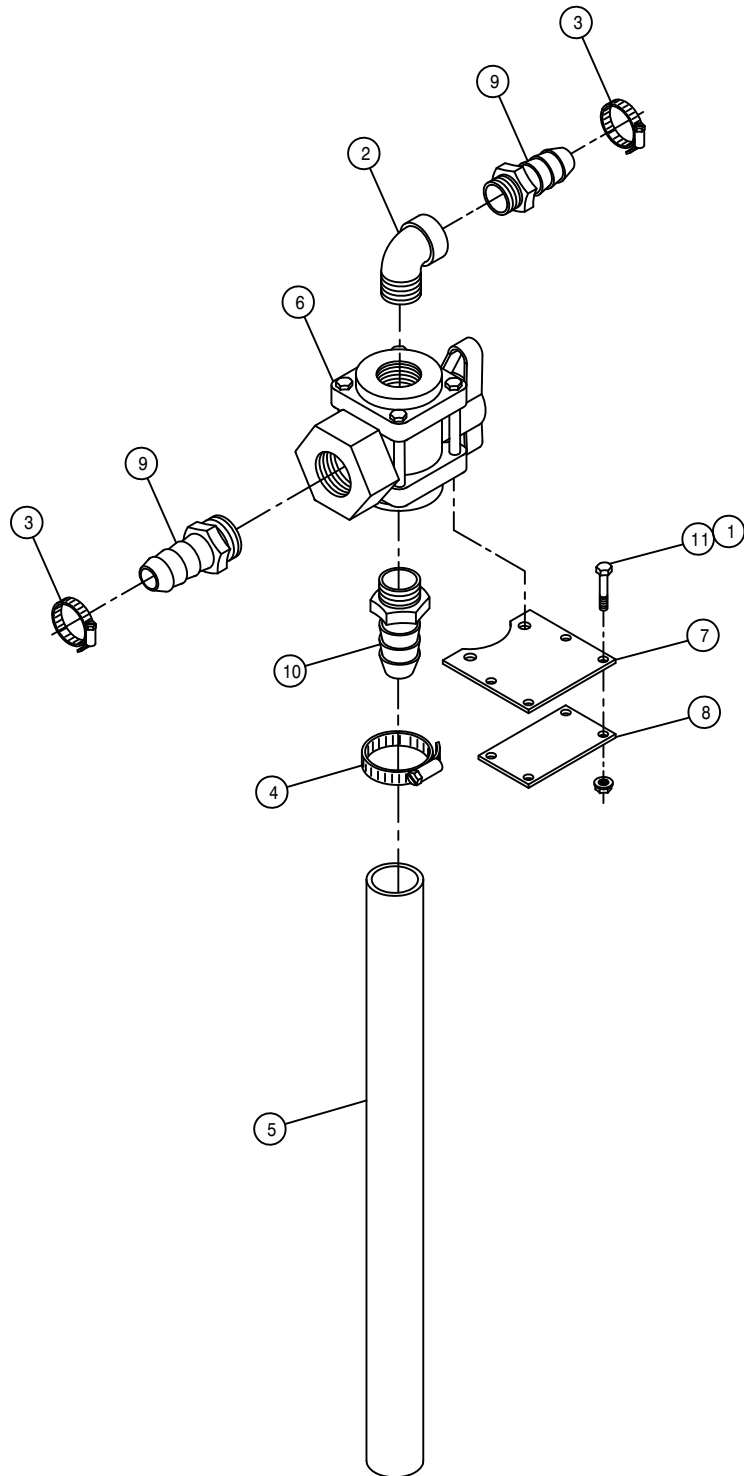




RADAR OPTION

DET. QTY PART NO. DESCRIPTION

1	1	690462	RADAR MTG BRKT WLD, INJ SYS
2	1	690599	RAVEN RADAR UNIT W/CABLE
3	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT
4	2	470121	1/4UNC HEX FLANGE LOCK NUT



60'-80' FOAMER DIVERTER VALVE OPTION

DET. QTY PART NO. DESCRIPTION

1	8	470121	1/4UNC HEX FLANGE LOCK NUT
2	2	500014	1"NPT-90 ST EL, POLY
3	4	520055	HOSE CLAMP NO 12 STAINLESS
4	2	520085	HOSE CLAMP NO 24 STAINLESS
5	2	601367	HOSE, 1 1/4 X 24 2BR BLK EPDM
6	2	696133	BALL VLV, 1.00NP 3WAY-BOTT POLY
7	2	701152	FOAMER DIVERTER VALVE MT BRKT
8	2	701153	FOAMER DIVERTER VLV BRKT KEEPR
9	4	714331	1 NPT X 3/4 HOSE BARB
10	2	714561	1.00NPT-1.25 HOSE BARB
11	8	900007	1/4UNC X 2" HEX BOLT

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

NOTICE

The following page contains decals for the model 284.

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.

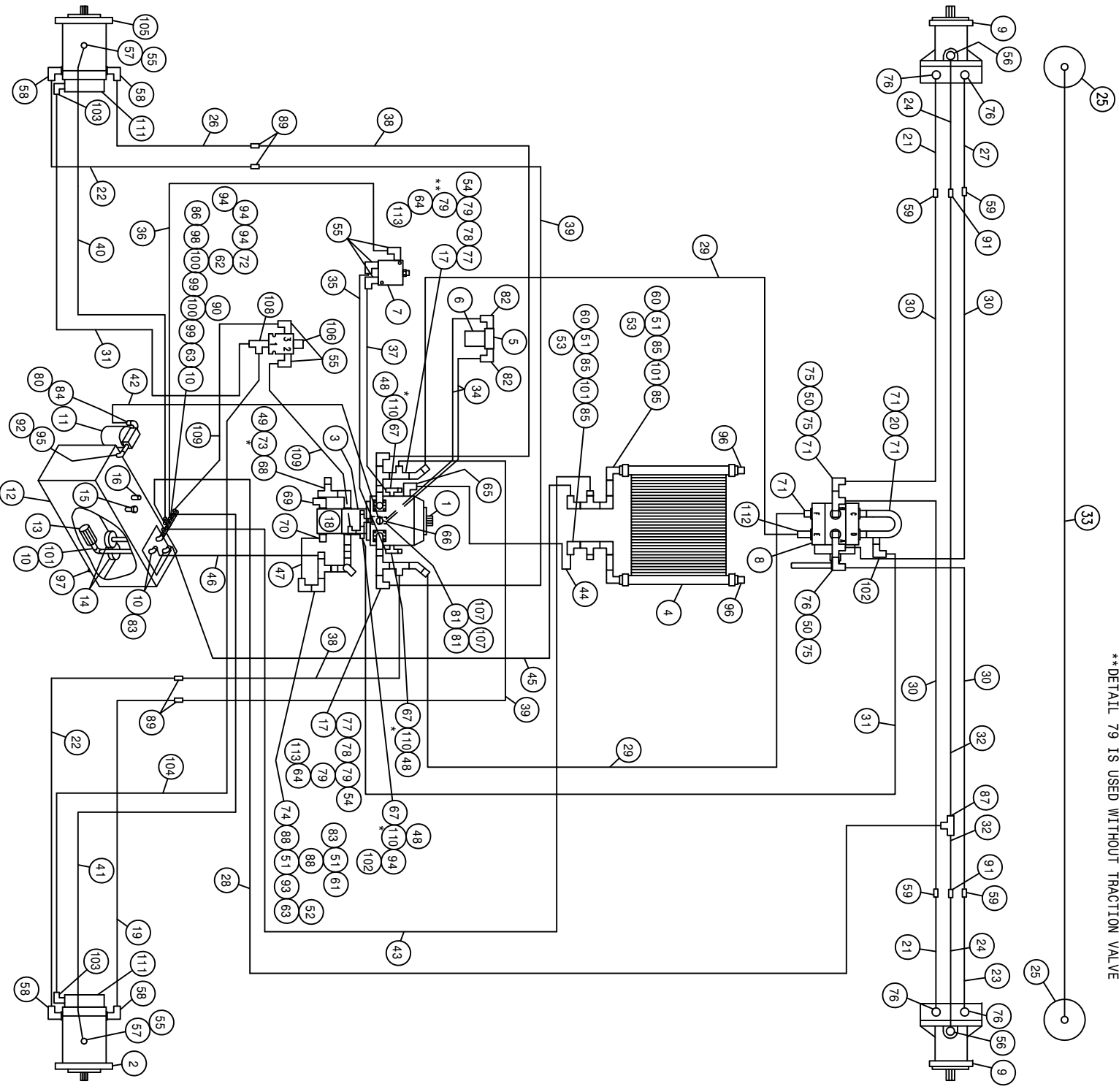
Special attention should be paid to decals involving personal safety. They have been attached for your protection.

KEEP THEM IN PLACE.

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

284 DECALS

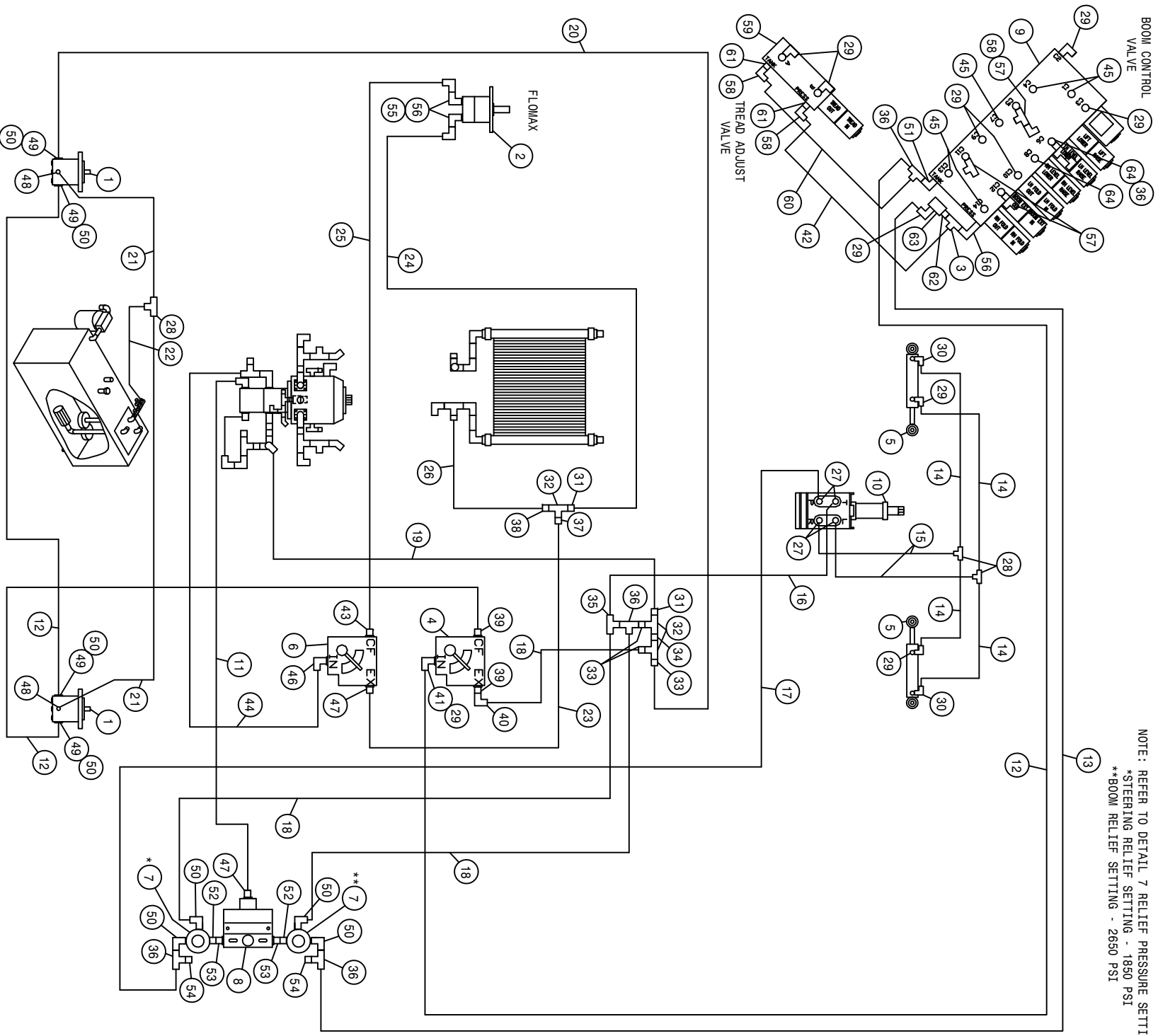
QTY.	PART NO.	DESCRIPTION	LOCATION
1	650831	EMERGENCY STOP DECAL	ON LOWER LH FRONT CAB FOAM
1	650320	EMERGENCY EXIT DECAL	ON LOWER REAR OF EXIT WINDOW
1	650355	CONSOLE COVER PANEL DECAL	ON CONSOLE SHEET METAL
1	650340	PARK BRAKE DECAL	NEAR PARK SWITCH
1	650822	SOLUTION PUMP DECAL	ON FRONT CROSSMEMBER
1	650847	NO PASSENGER DECAL	REAR CORNER OF CAB
2	650848	SLIP OR FALL DECAL	2-ON EACH FUEL TANK
2	650849	ENGINE FUEL DECAL	NEAR EACH FUEL TANK NECK
2	650850	CHEMICAL DECAL	ON SOLUTION TANK LIDS
2	650851	SHIELDS DECAL	ON SIDE OF TOP ENGINE COVER
1	650852	READ MANUAL DECAL	ON LOWER LH FRONT CAB FOAM
1	650319	NOTICE-FRT LEG CYL OIL	ON TOP LH FRONT LEG
1	650326	HAGIE DECAL	ON FRONT MAINFRAME SHIELD
2	650954	DIESEL DECAL	NEAR EACH FUEL NECK
1	650981	COOLING SYSTEM DECAL	NEAR RADIATOR CAP
1	650982	ELECTRICAL DECAL	RIGHT HAND SIDE OF OIL TANK
4	650985	WHEEL BOLT TORQUE DECAL	ON EACH WHEEL RIM
1	650323	DECAL SET, HAGIE 284 STRIPE	ON EACH ENGINE HOOD
2	650324	DECAL STRIPE, 3 X 72	ON EACH TANK SHIELD
1	650329	SPRAY CONTROL/TRAC DECAL	ON INSTRUMENT PANEL
1	650334	SS SIGHT GAUGE DECAL	ON SIGHT GAUGE MOUNT
1	650336	FOLD BOOM WARNING DECAL	ON LOWER REAR OF EXIT WINDOW
1	650337	ELECTROCUTION HAZARD DECAL	ON LOWER REAR OF EXIT WINDOW
1	650339	HYDRAULIC OIL INJ. DECAL	ON LOWER REAR OF EXIT WINDOW
1	650347	NOTICE-R134A CHARGE DECAL	NEXT TO A/C COMPRESSOR
1	650348	NOTICE-DRAIN AIR TANK DECAL	ON AIR TANK
1	650367	AIR FILTER INSTRUCTION DECAL	ON ENGINE AIR FILTER END CAP



*NOTE:
 REFER TO DETAIL 73 TO CHECK AUX. SYSTEM - 1850 PSI
 REFER TO DETAIL 110 TO CHECK LIMIT SETTING - 4500 PSI
 REFER TO DETAIL 110 TO CHECK CHARGE PRESSURE - 380 PSI
 **DETAIL 79 IS USED WITHOUT TRACTION VALVE

284 HYDRAULIC SCHEMATIC 03
REFERENCE DRAWING NO. 498719S1

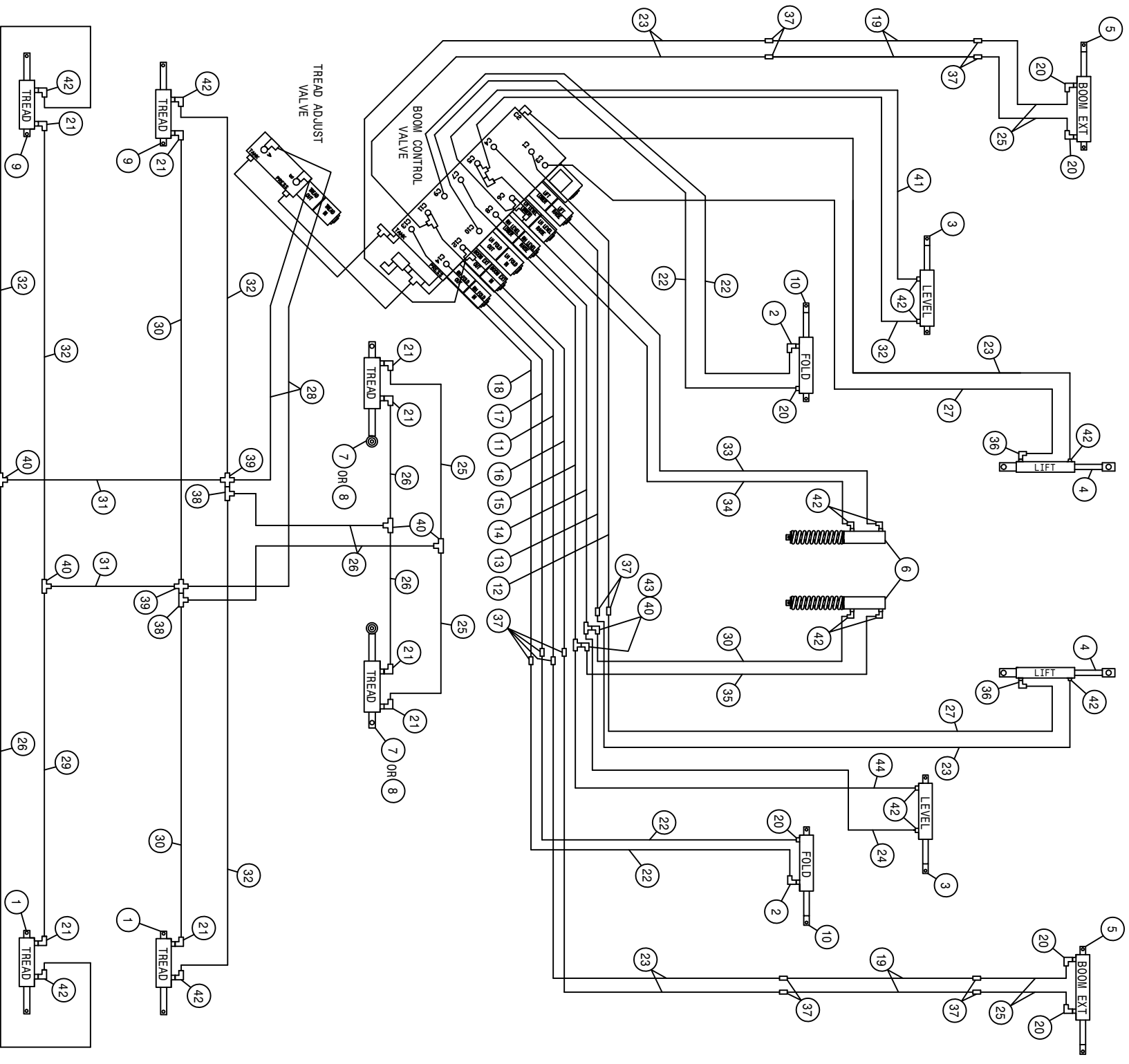
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606954	SUND 130CC PUMP,B-MT	98	58	618576	1 5/16MJC-90-1 1/16MOR LBO
2	1	610557	SUND M35-3102 WHL MTR W/SHFT	59	4	618448	1 1/16MJC-90-1 1/16MJC LBO
3	1	606932	SUND GEAR PUMP,1.60CI,SPLINED	60	2	618138	1IN HOSE BARB-90-1MNP
4	1	618606	OIL COOLER, BLISSFIELD 65027	61	1	716000	3/4 HOSE BARB-90-1MNP
5	1	605608	HYD FILTER HEAD, DONALDSON	62	1	504001	RED BUSH 3/4 X 1/4 BLK MAL
6	1	605609	HYD FILTER ELEMENT, DONALDSON	63	2	505213	RED BUSH 1 X 3/4 BLK MAL
7	1	610580	REMOTE FLUSHING VALVE, SUND	64	2	618630	1 5/16M3-45-1 5/16FJ SWIV LBO
8	1	606003	GRESN SELECTOR VALVE DS-12	65	1	618564	1IN HOSE BARB-90-1 5/16MOR
9	2	610571	SUND M35-3002 WHL MTR	66	1	618626	1 1/4 HOSE BARB-45-1 5/8MOR
10	4	505300	BLK PIPE EL 90DEG, 1.00NPT	67	3	618126	9/16MJC-9/16MOR ADPTR
11	1	605601	PARKER FILTER ASSY,10M,1.25NPT	68	1	618535	7/8MJC-90-1 1/16MOR LBO
12	1	760264	HYD TANK WLD,204/254/284 2002	69	1	611128	7/8MJC-90-7/8MOR LBO
13	1	605600	TANK FILTER, 100 MESH,1"FNPT	70	1	618075	3/4 HOSE BARB-1 1/16MOR
14	2	605603	LINE SUMP DIFFUSER	71	4	611127	1 1/16MJC-1 1/16MOR ADPTR
15	1	611052	FILLER BREATHER 3/4NPT	72	1	618520	1/4MNP RUN TEE-9/16MJC
16	1	614453	DIPSTICK, 8IN	73	1	618333	7/8FJIC SW RUN TEE-7/8MJC
17	2	618461	1 1/4 SPLIT FLANGE KIT	74	1	618090	1 5/16MOR-1FNPT ADPTR
18	1	606929	SUND GEAR PUMP .66CI, SPLINED	75	3	618191	1 1/16M3-90-1 1/16FJ SWIV LBO
19	1	615706	RH REAR LEG HYDTUBE ASSY284 97	76	5	618248	1 1/16MJC-90-1 1/16MOR LBO
20	1	614290	FWD UTUBE 472 P/C 1977 18WMNT	77	2	618459	1 1/4FLANGE-90-1 5/8MJC
21	2	615702	FRT LEG INR HYD TUBE ASSY28496	78	2	618547	1 5/8FJIC-1 5/16MJC ADPTR
22	2	615705	REAR LEG HYD TUBE ASSY 284 97	79	4	618619	1 5/16FJ SW RUN TEE-1 5/16M3
23	1	615703	RH FRTLEG OUTRHYDTUBE ASY28496	80	1	506410	BLK PIPE ST EL 90DEG 1.25NPT
24	2	615656	FRT LEG CNTR HYD TUBE ASSY284	81	2	618327	3/4MJC-7/8MOR ADPTR
25	2	620805	LEG LEVEL CYL ASSY,2.00 X 12.0	82	2	618474	3/4MJC-90-1 1/16MOR LBO
26	1	615707	LH REAR LEG HYDTUBE ASSY284 97	83	3	714560	1NPT X 1 HOSE BARB
27	1	615704	LH FRTLEG OUTRHYDTUBE ASY28496	84	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
28	1	614704	06C1T-06FJX-06FJX-156	85	4	505200	BLK PIPE ST EL 90DEG 1.00NPT
29	4	614724	12TWM-12FJX-12FJX-106	86	1	618018	9/16MJC-1/2MNP ADPTR
30	2	614725	12CZAT-12FJX-12FJX-70	87	1	618019	9/16MJC UNION TEE
31	2	614101	04C1T-06FJX-06FJX-133	88	2	505105	1MNP HEX PIPE NIPPLE STL
32	2	615444	06C1T-06FJX-08FJX90-60	89	4	618441	1 5/16MJC-90-1 5/16MJC LBO
33	1	615614	FRT LEG CYL JUMPER HOSE280	90	1	713220	HOSE BARB 3/4 NPT X 3/4
34	2	615465	08C1T-08FJX-08FJX-33	91	2	618314	3/4MJC UNION
35	1	616042	04C1T-06FJX-06FJX-13	92	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2
36	1	616048	04C1T-06FJX-06FJX-35	93	1	505200	BLK PIPE ST EL 90DEG 1.00NPT
37	1	616043	04C1T-06FJX-06FJX-23	94	4	618486	9/16FJIC SW RUN TEE-9/16MJC
38	2	614727	12TWM-16FJX-16FJX-65	95	1	506303	BLK PIPE EL 90DEG 1.25NPT
39	2	614729	12TWM-16FJX-16FJX-55	96	2	505102	PIPE PLUG 1.00NPT SQ HD
40	1	614549	06C1T-06FJX-06FJX-140	97	1	470308	1/2MNP DRAIN PLUG,AL HD,MAG
41	1	615449	06C1T-06FJX-06FJX-126	98	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
42	1	601380	HOSE, 1 1/4 X 35 1FBR-1SPI	99	2	504702	CLOSE NIPPLE .75NPT
43	1	601401	HOSE, 3/4 X 88 1FBR-1SPI	100	2	504955	BLK PIPE TEE .75NPT
44	1	601403	HOSE, 1 X 72 1FBR-1SPI	101	3	505203	BLK PIPE NIPPLE 1.00NPT-4.00
45	1	601404	HOSE, 1 X 87 1FBR-1SPI	102	2	618618	9/16MJC-90-9/16FJIC SWIV LBO
46	1	601402	HOSE, 1 X 53 1FBR-1SPI	103	2	618114	9/16MJC-90-7/16MOR LBO
47	1	601399	HOSE, 3/4 X 13 1FBR-1SPI	104	1	614639	04C1T-06FJX-06FJX-126
48	3	618531	9/16FJIC CAP NUT	105	1	610621	SUND M35-3102 WHL MTR
49	1	618328	7/8FJIC CAP NUT	106	1	610318	HYD SOLE VLV,2P-3W,9/16FOR,12V
50	2	618487	1 1/16FJ SW RUN TEE-1 1/16M3	107	2	618609	3/4MJC-90-3/4FJIC SWIV LBO
51	4	505101	BLK PIPE TEE 1.00NPT	108	1	618444	9/16MOR RUN TEE-9/16MJC
52	1	610300	3/4MJC-3/4MNP ADPTR	109	2	616056	04C1T-06FJX-06FJX-32
53	2	714331	1 NPT X 3/4 HOSE BARB	110	3	618514	9/16FJ SW BRANCH TEE-9/16M3
54	2	618640	1 5/16M3-90-1 5/16FJ SWIV LBO	111	2	828092	MICO HYD BRAKE
55	7	618119	9/16MJC-90-9/16MOR LBO	112	1	607527	FLOW CTRL VALVE,32GPM IN-LINE
56	2	618183	3/4MJC-90-7/8MOR LBO	113	2	618541	1 5/16FJIC-1 1/16MJC ADPTR
57	12	618172	7/8MOR-9/16FOR ADPTR				



NOTE: REFER TO DETAIL 7 RELIEF PRESSURE SETTINGS.
 *STEERING RELIEF SETTING - 1850 PSI
 **BOOM RELIEF SETTING - 2650 PSI

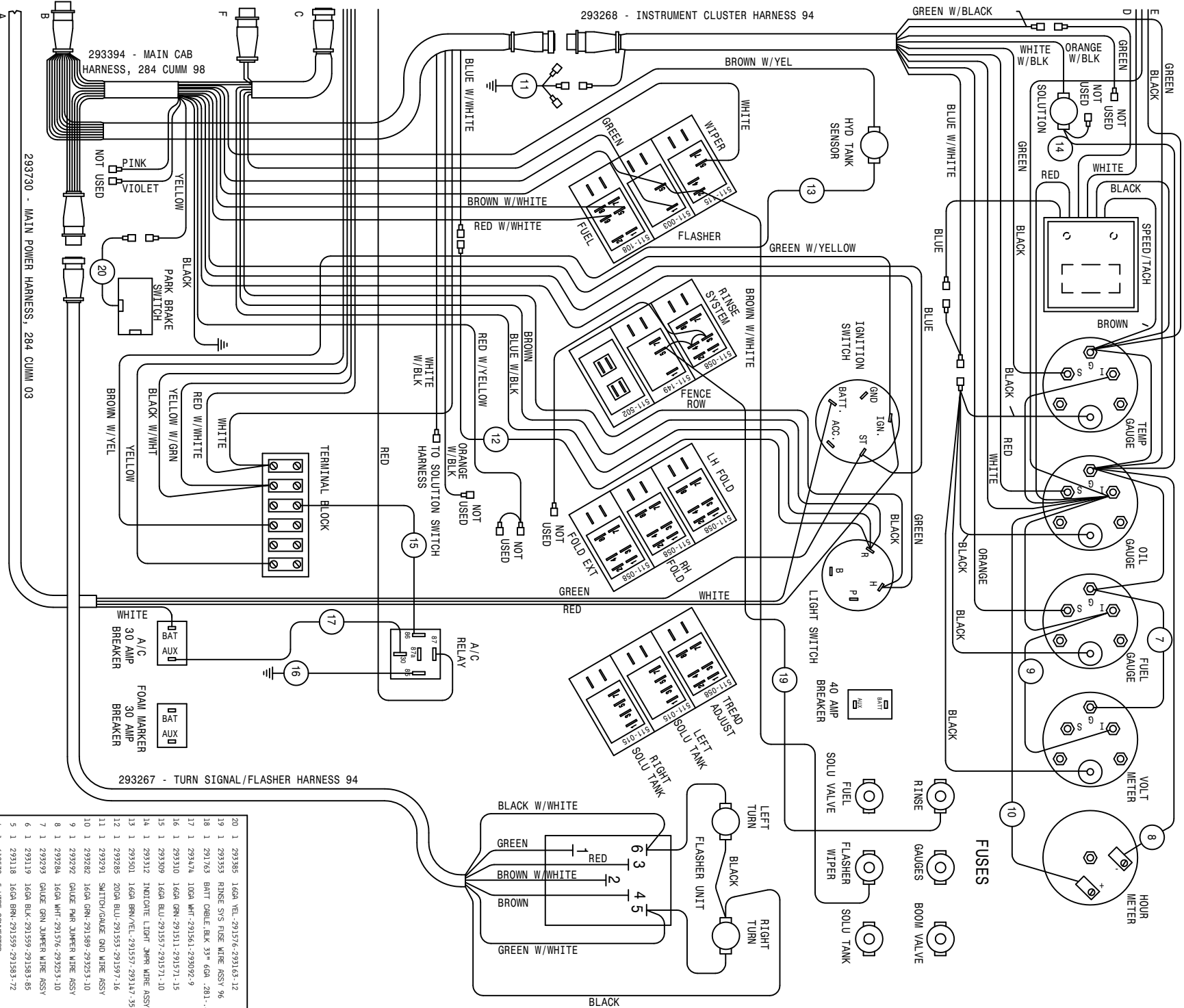
284 HYDRAULIC SCHEMATIC 03
REFERENCE DRAWING NO. 498719S2

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	2	610510	CESSNA GEAR MOTOR 1.48CI	33	618018	9/16MJIC-1/2MNPT ADPTR	
2	1	690573	HYD MOTOR, FLOMAX HI-SPEED	34	503600	CLOSE NIPPLE .50NPT	
3	1	618451	3/4FJIC SW RUN TEE-3/4MJIC	35	618514	9/16FJ SW BRANCH TEE-9/16MJ	
4	1	606827	FLO CONT FC51 0-3 VARI 7/8FOR	5	618486	9/16FJIC SW RUN TEE-9/16MJIC	
5	2	620800	STRG CYL ASSY, 2XX	1	618325	7/8MJIC-1/2MNPT ADPTR	
6	1	606818	FLO CONT FCR51 0-16GPM 7/8FOR	38	712440	1/2 NPT X 3/4 HOSE BARB	
7	2	607512	RELIEF VALVE, RL50, 1850 PSI	39	618310	9/16MJIC-7/8MOR ADPTR	
8	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	1	618618	9/16MJIC-90-9/16FJIC SWIV LBO	
9	1	606102	BOOM VLV,X11/284/2100 PWRSYS03	41	618172	7/8MOR-9/16FOR ADPTR	
10	1	749150	STRG MTR NON-LOAD REACT 1008	42	615473	06C1T-06FJX-08FJX-18	
11	1	614664	10C1T-10FJX-10FJX-98	H/A	43	3/4MJIC-7/8MOR ADPTR	
12	3	614693	06C1T-06FJX-06FJX-168	H/A	44	10C1T-10FJX-10FJX-101	
13	1	614159	04C1T-06FJX-06FJX-169	H/A	45	9/16MJIC-9/16MOR ADPTR	
14	4	614663	04C1T-06FJX-06FJX-16	H/A	46	7/8MJIC-90-7/8MOR LBO	
15	2	616028	04C1T-06FJX-06FJX-47	H/A	47	7/8MJIC-7/8MOR ADPTR	
16	1	611204	04C1T-06FJX-06FJX-78	H/A	48	9/16MJIC-1/4MNPT ADPTR	
17	1	616040	04C1T-06FJX-06FJX-67	H/A	49	1 1/16MOR-1/2FNPT ADPTR	
18	3	616026	04C1T-06FJX-06FJX-37	H/A	50	9/16MJIC-90-1/2MNPT LBO	
19	1	616057	08C1T-08FJX-08FJX-88	H/A	51	9/16MJIC-90-3/4MOR LBO	
20	1	614571	06C1T-06FJX-06FJX-126	H/A	52	1/2MNPT HEX PIPE NIPPLE STL	
21	2	611208	04C1T-06FJX-06FJX-98	H/A	53	7/8MOR-1/2FNPT ADPTR	
22	1	615452	06C1T-06FJX-06FJX-16	H/A	54	9/16FJIC CAP NUT	
23	1	615521	10C1T-10FJX-10FJX-18	H/A	55	3/4MJIC-90-3/4FJIC SWIV LBO	
24	1	615465	08C1T-08FJX-08FJX-33	H/A	56	3/4MJIC-90-3/4MOR LBO	
25	1	614662	08C1T-08FJX-08FJX-72	H/A	57	9/16MOR RUN TEE-9/16MJIC	
26	1	601384	HOSE, 3/4 X 40 1FBR-1SP1	58	618618	9/16MJIC-90-9/16FJIC SWIV LBO	
27	4	618496	9/16MJIC-45-3/4MOR LBO	59	606100	TREAD ADJ VLV,284/XP,PWRSYS 03	
28	3	618019	9/16MJIC UNION TEE	60	615620	06C1T-06FJX-06FJX-18	
29	10	618119	9/16MJIC-90-9/16MOR LBO	61	618126	9/16MJIC-9/16MOR ADPTR	
30	2	618425	9/16MJIC-45-9/16MOR LBO	62	618692	3/4FJIC SWIV-9/16MOR ADPTR	
31	2	611147	3/4MJIC-1/2MNPT ADPTR	63	605615	HYD FILTER, INLINE 25M 9/16FOR	
32	3	503820	BLK PIPE TEE .50NPT	64	614763	9/16MJIC-9/16MOR,.042 CHK ADPT	



284 HYDRAULIC SCHEMATIC 03
REFERENCE DRAWING NO. 498719S3

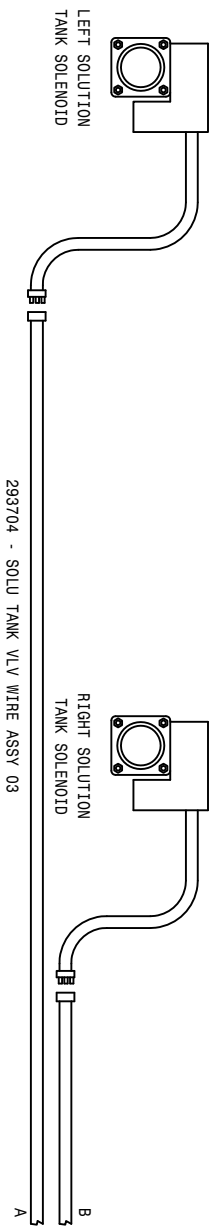
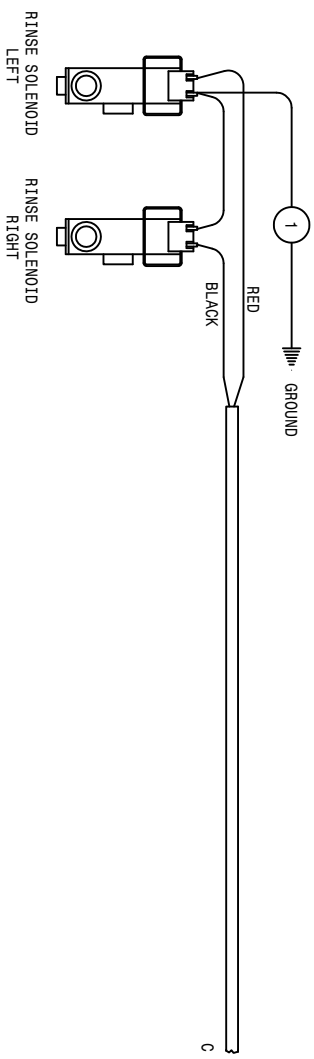
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION	
1	2	620865	LEG CYL ASSY, RH TREAD ADJ,284	23	6	616040	04C1T-06FJX-06FJX-67	H/A
2	2	618688	9/16MR-90-9/16MJ .025 CHK VLV	24	1	616028	04C1T-06FJX-06FJX-47	H/A
3	2	620850	BOOM LEVEL CYL ASSY	25	6	616043	04C1T-06FJX-06FJX-23	H/A
4	2	620840	TRNSQM LIFT CYL ASSY	26	5	614663	04C1T-06FJX-06FJX-16	H/A
5	2	620970	BOOM CNTR SECT CYL ASSY(127)03	27	2	616174	04C1T-06FJX-06FJX-70	H/A
6	2	620855	ACCUMULATOR CYL ASSY	28	2	611210	04C1T-06FJX-06FJX-156	H/A
7	2	620825	STRG CYL ASSY,125" TRD ADJ,284	29	1	616042	04C1T-06FJX-06FJX-13	H/A
8	2	620820	STRG CYL ASSY, 90" TRD ADJ,284	30	3	616049	04C1T-06FJX-06FJX-26	H/A
9	2	620870	LEG CYL ASSY, LH TREAD ADJ,284	31	2	614308	04C1T-06FJX-06FJX-109	H/A
10	2	620845	BOOM HINGE FOLD CYL ASSY	32	5	616026	04C1T-06FJX-06FJX-37	H/A
11	1	615767	BOOM EXTN LOWER HYD TUBE ASSY	33	1	616037	04C1T-06FJX-06FJX-29	H/A
12	1	615761	LIFT RAISE HYD TUBE ASSY	34	1	614713	04C1T-06FJX-06FJX-24	H/A
13	1	615762	LIFT LOWER HYD TUBE ASSY	35	1	614712	04C1T-06FJX-06FJX-20	H/A
14	1	615763	LEVEL RAISE HYD TUBE ASSY	36	2	618689	9/16MR-90-9/16MJ .042 CHK VLV	H/A
15	1	615764	LEVEL LOWER HYD TUBE ASSY	37	14	619010	9/16MJIC UNION	
16	1	615766	BOOM EXTN RAISE HYD TUBE ASSY	38	2	618486	9/16FJIC SW RUN TEE-9/16MJIC	
17	1	615768	RH FOLD RAISE HYD TUBE ASSY	39	2	618320	9/16MJIC UNION CROSS	
18	1	615769	RH FOLD LOWER HYD TUBE ASSY	40	6	618019	9/16MJIC UNION TEE	
19	4	615684	HYD TUBE ASSY,BOOM EXT FOLD96	41	1	615314	04C1T-06FJX-06FJX-50	H/A
20	6	614750	.042 ELBOW ASSY, 9/16MR 90D	42	14	618119	9/16MJIC-90-9/16MR LBO	
21	8	614747	.025 ELBOW ASSY, 9/16MR 90D	43	2	618618	9/16MJIC-90-9/16FJIC SWIV LBO	
22	4	615442	04C1T-06FJX-06FJX-55	44	1	614714	04C1T-06FJX-06FJX-34	H/A

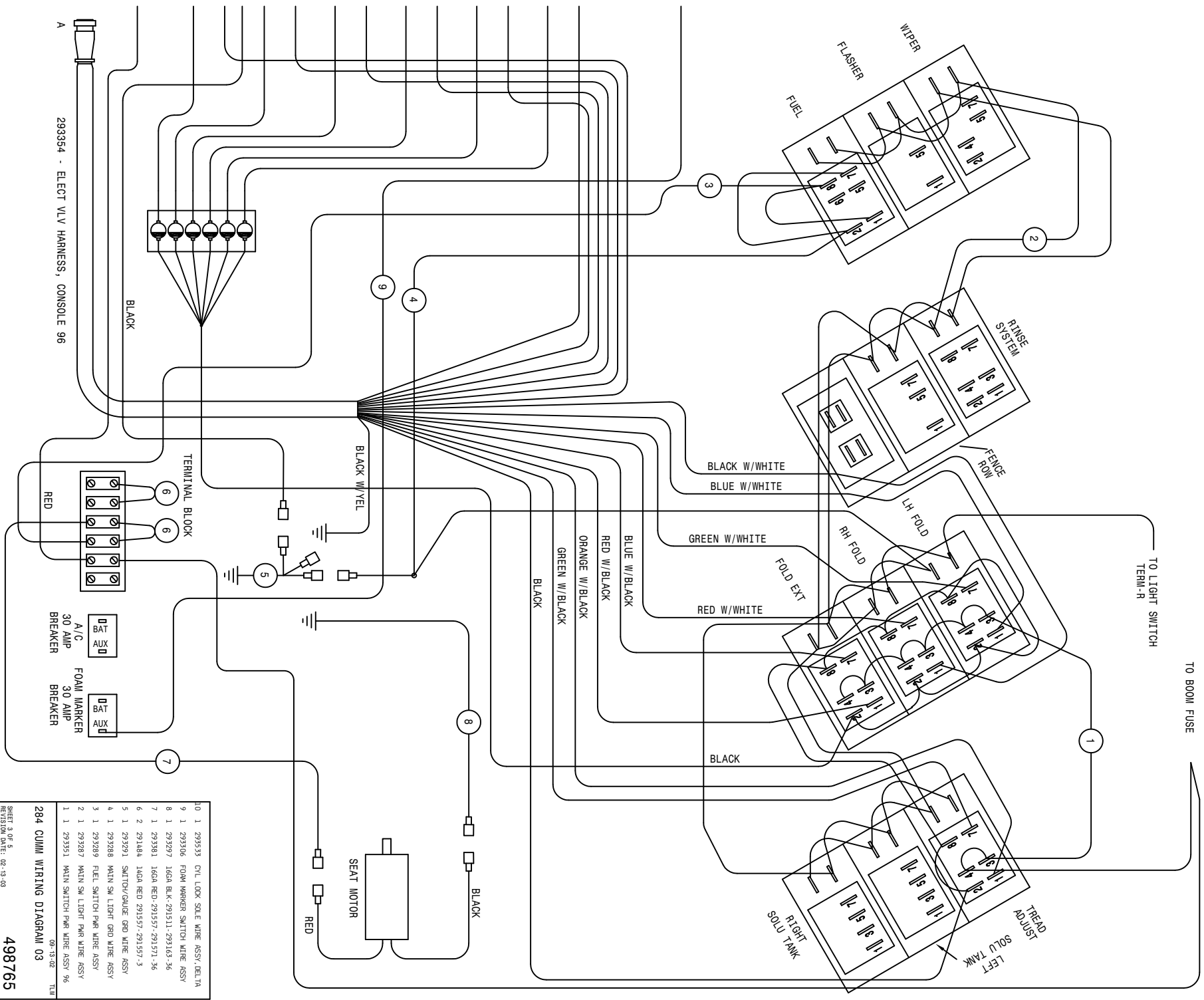


20	1	293388	16GA VEL.-291576-293163-12
19	1	293593	RANGE SYS FUSE WIRE ASSY 96
18	1	291765	BATT CABLE BLK 3/4" 6GA .281-.406
17	1	293474	10GA WHT-291561-293092-9
16	1	293310	16GA GRN-291511-291571-15
15	1	293309	16GA BLU-291557-291571-10
14	1	293312	INDICATE LIGHT SHWR WIRE ASSY
13	1	293301	16GA BRN/YEL-291597-293141-35
12	1	293285	20GA BLU-291555-291597-16
11	1	293291	SWITCH/GAUGE GRN WIRE ASSY
10	1	293282	16GA GRN-291589-293253-10
9	1	293292	GAUGE PAR JUMPER WIRE ASSY
8	1	293284	16GA WHT-291576-293253-10
7	1	293293	GAUGE GRN JUMPER WIRE ASSY
6	1	293119	16GA BLK-291599-291583-85
5	1	293118	16GA BRN-291599-291583-72
4	1	610530	5 WIRE CONNECTOR
3	1	291700	BATT CABLE RED 3/4" 6GA 1/4. 3/8
2	1	291128	BATTERY CABLE 48IN
1	1	291530	BATTERY GROUND CABLE 23

SHEET 1 OF 5
 REVISION DATE: 03-04-03
284 CUMM WIRING DIAGRAM 03
 08-13-02 TLU
498765

SOLUTION SOLENOID VALVES





293354 - ELECT VLV HARNESS, CONSOLE 96

BLACK

TERMINAL BLOCK



RED

30 AMP BREAKER

FOAM MARKER 30 AMP BREAKER

7

10	1	293533	CYL LOCK SOLE WIRE ASSY, DELTA
9	1	293106	FOAM MARKER SWITCH WIRE ASSY
8	1	293297	16GA BLK-291511-293163-36
7	1	293381	16GA RED-291557-291571-36
6	2	291484	16GA RED 291557-291571-3
5	1	293291	SWITCH/GAUGE GRD WIRE ASSY
4	1	293288	MAIN SM LIGHT GRD WIRE ASSY
3	1	293289	FUEL SWITCH PWR WIRE ASSY
2	1	293287	MAIN SM LIGHT PWR WIRE ASSY
1	1	293351	MAIN SWITCH PWR WIRE ASSY 96

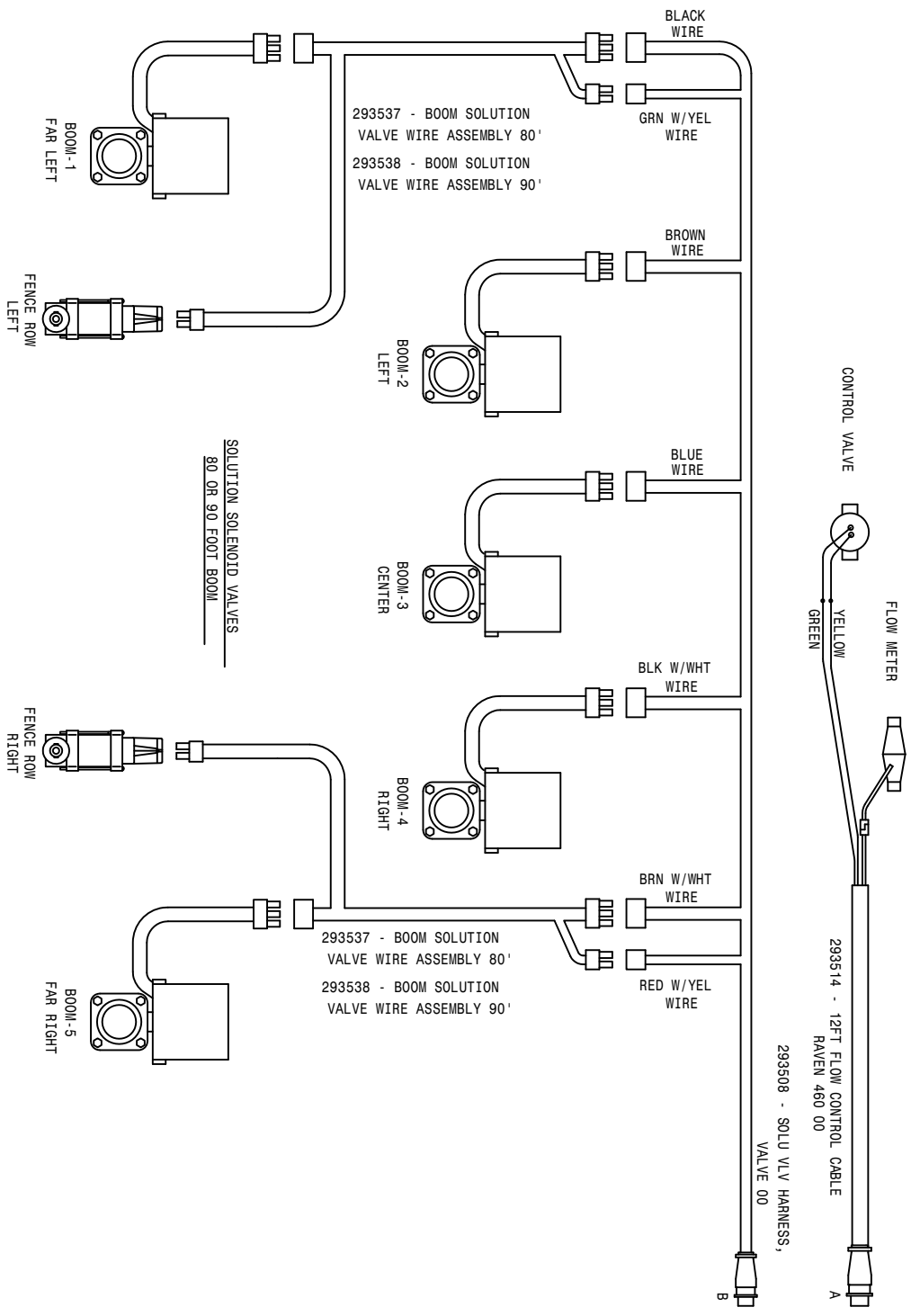
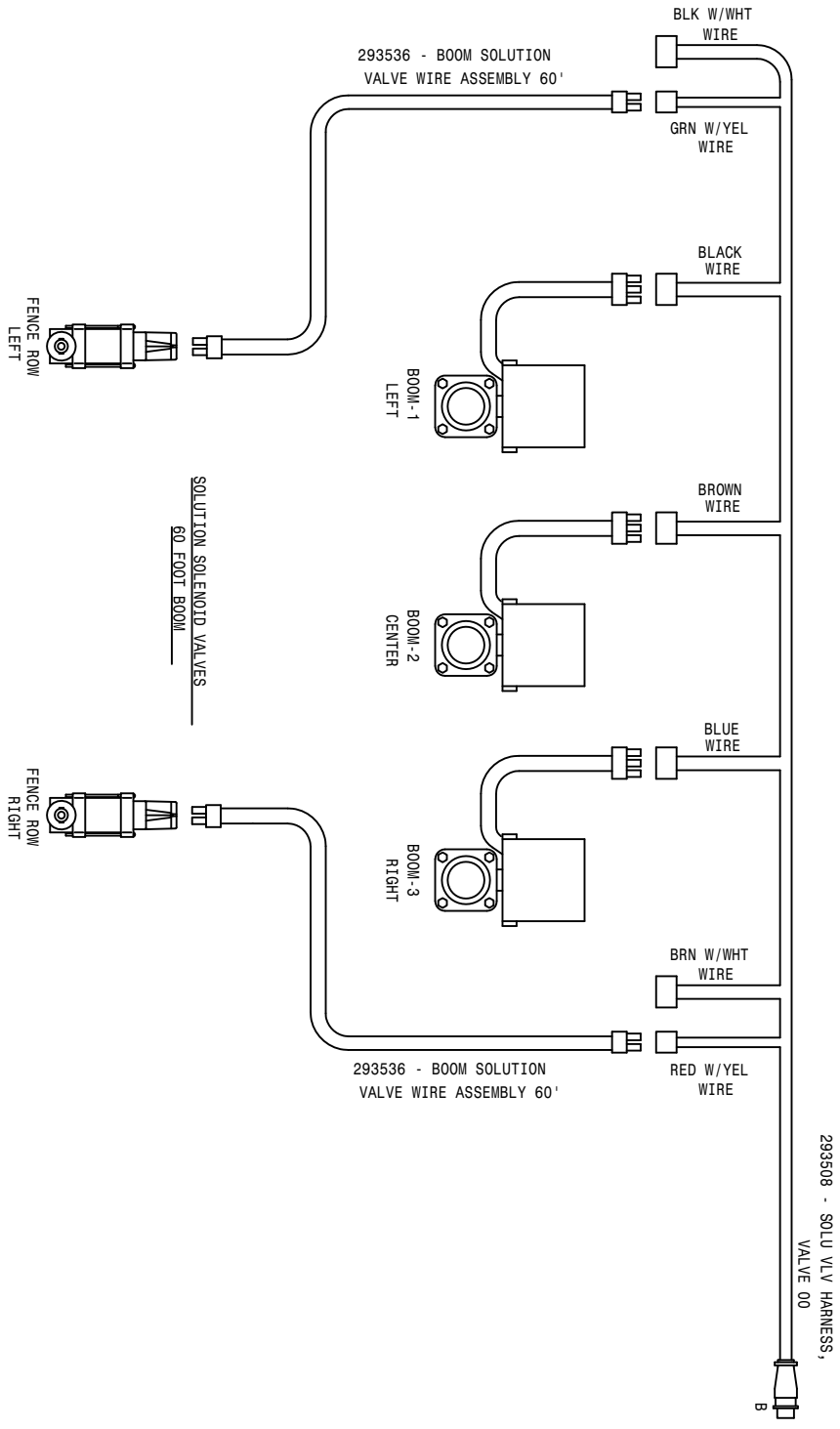
284 CUMM WIRING DIAGRAM 03

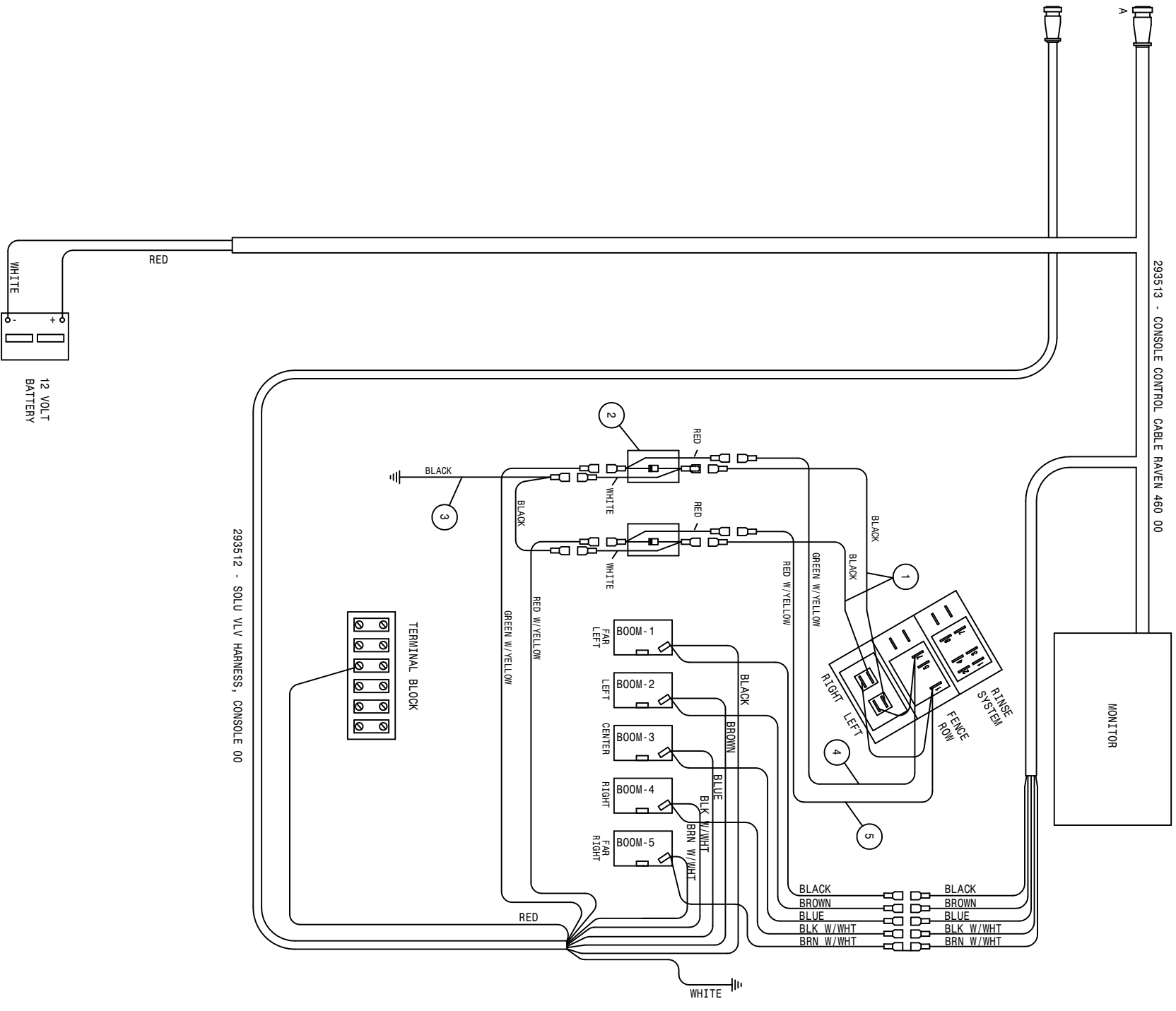
SHEET 3 OF 5

REVISION DATE: 02-13-03

498765

TUT





293512 - SOLU VLV HARNESS, CONSOLE 00

5	1	293470	RH FENCE ROW SWITCH WIRE
4	1	293471	LH FENCE ROW SWITCH WIRE
3	1	293472	FENCE ROW SWITCH GND WIRE
2	2	293317	DIODE SHUNT CABLE ASSY
1	2	293469	16GA BLK-291571-291571-11

284 CUMM WIRING DIAGRAM 03
06-13-02 TLW

498765

SHEET 5 OF 5
REVISION DATE: 10-01-02

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

INDEX

-A-

ABBREVIATIONS.....122
 ACCUMULATOR CYLINDER.....53,54
 ADJUSTMENT, TREAD.....88
 AGITATOR
 IMPELLER.....65,67,69
 SHAFT.....65,67,69
 SHIELD.....65,67,69
 SOLUTION.....65,67,69
 AIR CLEANER.....12
 BAND.....12
 FILTER.....12
 HOOD.....12
 HOSE.....12
 AIR CONDITIONER
 BLOWER MOUNT.....30
 COMPRESSOR.....10
 COMPRESSOR MOUNT.....10
 CONDENSOR.....10
 CONTROL.....30
 DRYER.....10
 FILTER.....30
 AIR SEAT.....28
 ANTENNA, RADIO.....30
 ARM,
 TANK SUPPORT.....47
 WIPER.....28

-B-

BALL VALVE.....64,66,68
 BAND,
 AIR CLEANER.....12
 FUEL TANK.....26
 TANK.....64,66
 BATTERY.....13
 BOX.....13
 CABLE.....13,38
 BELT.....5,10
 BINDING POST.....40
 BLADE,
 FAN.....5
 WIPER.....28
 BLOCK, TERMINAL.....35
 BOOM.....58,59,60,61,62,63
 CONTROL VALVE.....50
 CRADLE.....43
 PIVOT PIN.....52
 SPRING.....59,61
 BRACE,
 LADDER.....48
 LEG.....16,17

BRAKE SOLENOID.....38
 BREAKAWAY.....52
 BREAKER, CIRCUIT.....35
 BREATHER.....27

-C-

CAB.....28
 ROOF.....28
 CABLE,
 BATTERY.....13
 CONTROL.....35,36,37,38,42
 THRITTLE.....4
 4WD.....41
 CAP,
 FUEL.....26
 RADIATOR.....11
 STEERING.....32
 CATWALK.....48
 CHECK VALVE.....71
 CIRCUIT BREAKER.....35
 COMPRESSOR, A/C.....10
 CONDENSOR.....10
 MOUNT.....10
 CONSOLE.....35
 COVER.....34
 CONTROL HANDLE.....36
 COOLER, OIL.....11
 CRADLE.....64,66
 BOOM.....43
 CROP GUIDE.....14,15,18
 CROPSHIELD.....101
 CYLINDER,
 ACCUMULATOR.....53,54
 FOLD.....57
 FRONT LEG.....26
 LEVEL.....56
 LIFT.....55
 STEERING.....21
 TREAD ADJUSTMENT.....90,91,92

-D-

DECALS.....104,105
 DIAGRAM, WIRING.....112
 DIFFUSER, LINE SUMP.....27
 DIMMER SWITCH.....28
 DIPSTICK.....27

DOOR.....29
HANDLE.....29
DRINK HOLDER.....35
DRIVE ASSEMBLY.....4
DRYER, A/C.....10

-E-

ELECT SOLENOID VLV 72,73,74,75,80
ENGINE.....4,5
HOOD.....44
MOUNTS.....4,5
EXHAUST PIPE.....12

-F-

FAN
BLADE.....5
SPACER.....5
FILTER,
AIR CLEANER.....12
AIR CONDITIONER.....30
FUEL.....4
HI-PRESS.....9
INLINE HYDRAULIC.....50
MICHIGAN.....27
MINDER.....33
OIL.....5,27
FLASHER LIGHT.....43
FLASHER SWITCH.....32
FLOORMAT.....31
FLOW CONTROL
VALVE.....72,73,80,81
VARIABLE.....42
FLOW DIVIDER.....7
FLOW METER.....72,73,80,81
FLUSHING VALVE.....8
FOAM.....11,31
FOAMER TANK.....95
FOLD CYLINDER.....52,57,58
FUEL
CAP.....26
GAUGE.....33
SELECTOR VALVE.....26
SENDER.....26
TANK.....26
FUSE.....34
HOLDER.....34

GLASS.....28,29
GLAND PACKING.....65,67,69
GRAB HANDLE.....28
GROUND STRAP.....4,13,28
GUARD, SPRING.....76,77,78,79
GUIDE, CROP.....18

-H-

HANDLE,
CONTROL.....36
DOOR.....29
GRAB.....28
HANDRAIL.....44
HEADLIGHT.....28
HEADLINER.....30
HEATER SOLENOID.....5
HEAT SHIELD.....11
HI-PRESS
FILTER.....9
HOLDER, DRINK.....35
HOOD,
AIR CLEANER.....12
ENGINE.....44
HOOK, RUBBER.....44
HOSE, AIR CLEANER.....12
HOSING, SOLUTION.....76,77,78,79
HOUR METER.....33
HUB, TORQUE.....14,15,16,17
HYDRAULIC
SCHEMATIC.....106
TANK.....27
TUBE.....14,15,16,17,52,59

-I-

IMPELLER.....65,67,68
INDICATOR, MPH-RPM.....33
INLINE HYDRAULIC FILTER.....49
INTERIOR LIGHT.....30

-K-

KICK PANEL.....28
KNOB.....34,35

-L-

LADDER.....48
BRACE.....48
LEG,
BRACE.....16,17
CYLINDER.....22
FRONT.....14,15
REAR.....16,17
LEVEL CYLINDER.....52,56

-G-

GAUGE,
FUEL.....33
OIL PRESSURE.....33
PRESSURE.....72,73,80,81
SIGHT.....66
TEMPERATURE.....33
GAS SPRING.....29

LEVER,
 HYDROSTATIC.....36
 THROTTLE.....37
 LID.....64, 66, 68
 LIFTARM.....51
 MOUNT.....51
 LIFT CYLINDER.....51, 54
 LIGHT,
 HEAD.....28
 INTERIOR.....30
 SWITCH.....34
 TURN SIGNAL.....43
 LINE SUMP DIFFUSER.....27

-M-

METER, HOUR.....33
 MIRROR.....28
 MOTOR
 STEERING.....32
 WHEEL.....14, 15, 16, 17
 WIPER.....28
 MOUNT,
 A/C BLOWER.....30
 CONDENSOR.....10
 ENGINE.....4, 5
 FLOW DIVIDER.....7
 LIFTARM.....51
 MONITOR.....35
 RADIATOR.....11
 RUBBER.....4, 5, 28
 SOLUTION VFC.....42
 TANK.....46
 MUFFLER.....12
 MULLION.....44

-N-

NOZZLE, RINSE.....87
 NYLON SLEEVE.....14, 15

-O-

OIL
 COOLER.....11
 FILTER.....5
 PRESSURE GAUGE.....33
 SENDER.....4
 TANK.....27

-P-

PANEL, KICK.....28
 PARK BRAKE SWITCH.....40

PIVOT PIN, BOOM.....52
 PLATFORM, SERVICE.....48
 POSITRACTION VALVE.....6
 POWER POINT.....40
 PRESSURE GAUGE.....72, 73, 80, 81
 PRESSURE WASHER.....99
 PUMP,
 SOLUTION.....71
 SUNDSTRAND.....6

-R-

RADIATOR.....11
 CAP.....11
 HOSE.....5
 MOUNT.....11
 SCREEN.....11
 SHROUD.....11
 RADIO.....30
 RECOVERY.....11
 RELAY.....36
 RELIEF VALVE.....7
 RIM.....18
 RINSE,
 NOZZLE.....87
 TANK.....86
 ROOF, CAB.....28
 RUBBER,
 HOOK.....45
 MOUNT.....4, 5, 28
 WASHER.....7, 41

-S-

SCHEMATIC, HYDRAULIC.....106
 SCREEN.....45
 RADIATOR.....11
 SEAL BOOT.....14, 15, 16, 17
 SEAT.....39
 SELECTOR VALVE, FUEL.....26
 SENDER,
 FUEL.....26
 OIL.....4
 TEMPERATURE.....5
 SERVICE PLATFORM.....48
 SHAFT, AGITATOR.....65, 67, 69
 SHEETMETAL.....44, 45
 SHIELD,
 AGITATOR.....65, 67, 69
 HEAT.....11
 SIDE.....45
 TANK.....46, 47
 WHEEL MOTOR.....14, 15, 16, 17
 SHROUD, RADIATOR.....11

SIGHT GAUGE..... 64, 66, 70
 SWV SIGN.....45
 SOLENOID, HEATER......5
 SOLUTION
 AGITATOR..... 65, 67, 69
 HOSING..... 76, 77, 78, 79
 PUMP.....71
 TANK..... 64, 66, 68
 SPACER, FAN......5
 SPEAKER.....30
 SPRING.....37
 BOOM.....59, 61
 GUARD..... 76, 77, 78, 79
 STALK GUIDE..... 18
 STEERING
 ARM..... 14, 15
 CAB.....32
 CYLINDER.....21
 MOTOR.....32
 PIVOT.....24, 25
 POST.....32
 WHEEL.....32
 STRAINER..... 64, 66
 STRAP, GROUND..... 4, 13, 28
 SUNDSTRAND PUMP.....6
 SUPPORT ARM.....47
 SWITCH
 DIMMER.....28
 FLASHER.....32
 LIGHT.....34
 PARK BRAKE.....40
 TOGGLE.....34

-T-

TAILLIGHT.....45
 TANK,
 BAND..... 64, 66
 FUEL.....26
 HYDRAULIC OIL.....27
 LID..... 64, 66, 68
 MOUNTS.....46, 47
 RECOVERY.....11
 RINSE.....74
 SHIELD.....46, 47
 SOLUTION..... 64, 66, 68
 TEMPERATURE
 GAUGE.....33
 SENDER.....5
 TERMINAL BLOCK.....35
 THROTTLE
 CABLE.....4
 LEVER.....37
 TIE ANGLE.....47
 TIE ROD.....24, 25
 TIRE.....18

TOGGLE SWITCH.....34
 TORQUE HUB..... 14, 15, 16, 17
 TRANSOM.....52
 TREAD ADJUSTMENT.....88
 CYLINDER.....90, 91, 92
 TUBE,
 HYDRAULIC.....51, 59
 4WD.....41
 TURN SIGNAL LIGHT.....28

-V-

VALVE,
 BALL..... 64, 66, 68
 BOOM CONTROL..... 72, 73, 80, 81
 CHECK.....71
 ELECTRIC SOLUTION..... 64, 66, 68
 FLOW CONTROL..... 72, 73, 80, 81
 FLUSHING.....8
 POSITRACTION.....6
 RELIEF.....7
 SOLUTION SOLENOID.. 72, 73, 74, 80
 4WD.....41
 VARIABLE FLOW CONTROL.....42
 VOLTMEETER.....33

-W-

WASHER, PRESSURE.....99
 WEATHER STRIP, WINDOW.....28, 29
 WHEEL MOTOR..... 14, 15, 16, 17
 SHIELD.....16, 17
 WHEEL, STEERING.....32
 WINDSHIELD WASHER.....49
 WIPER
 ARM.....28
 BLADE.....28
 MOTOR.....28
 WIRING DIAGRAM.....112

