

PARTS MANUAL
FOR
HAGIE MODEL 284 HI-TRACTOR

HAGIE MANUFACTURING COMPANY

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

COVERS MACHINE SERIAL NUMBERS: U1200000001 thru U1200000100
U1250000001 thru U1250000100

12-99 493202
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

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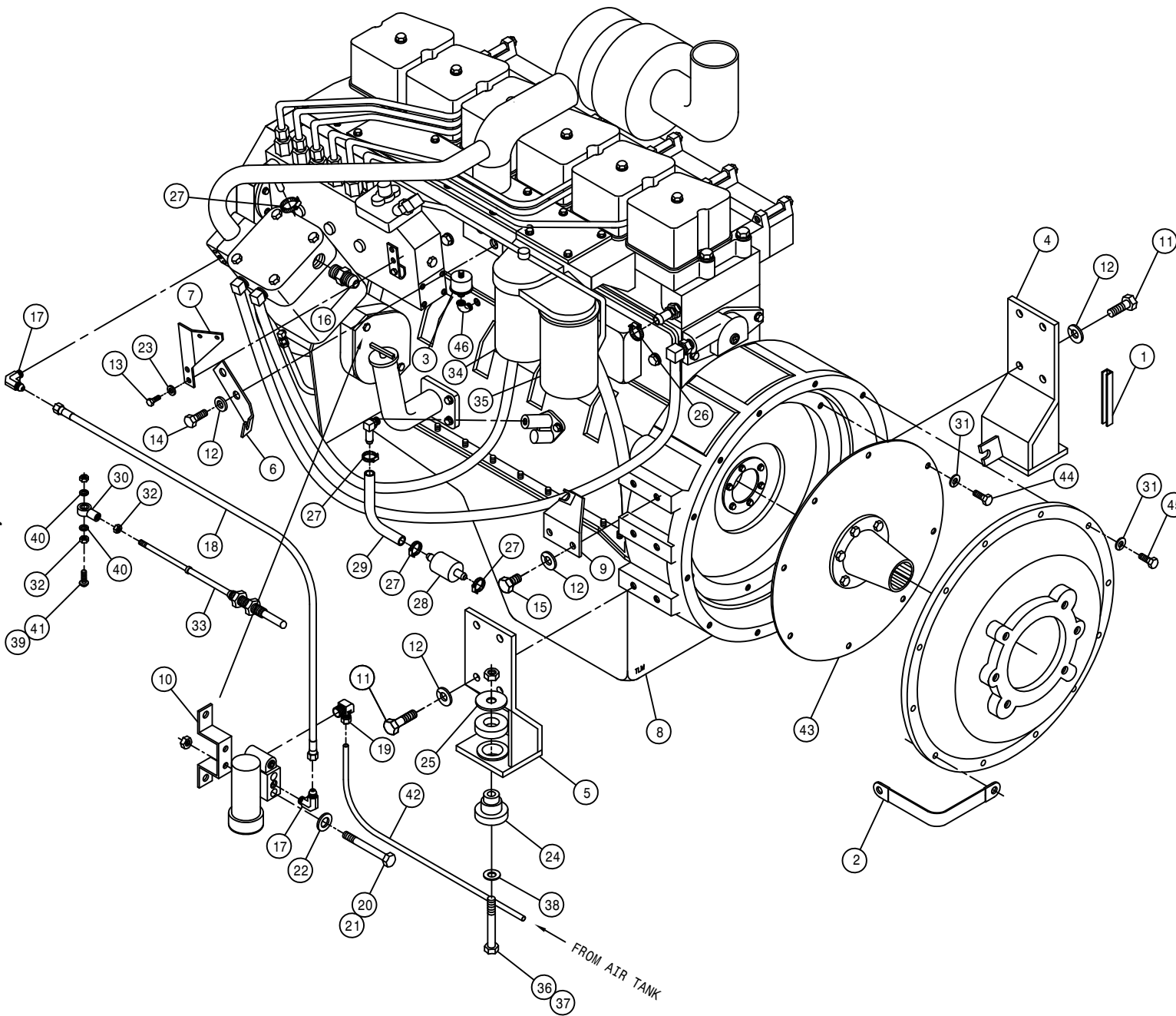
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ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

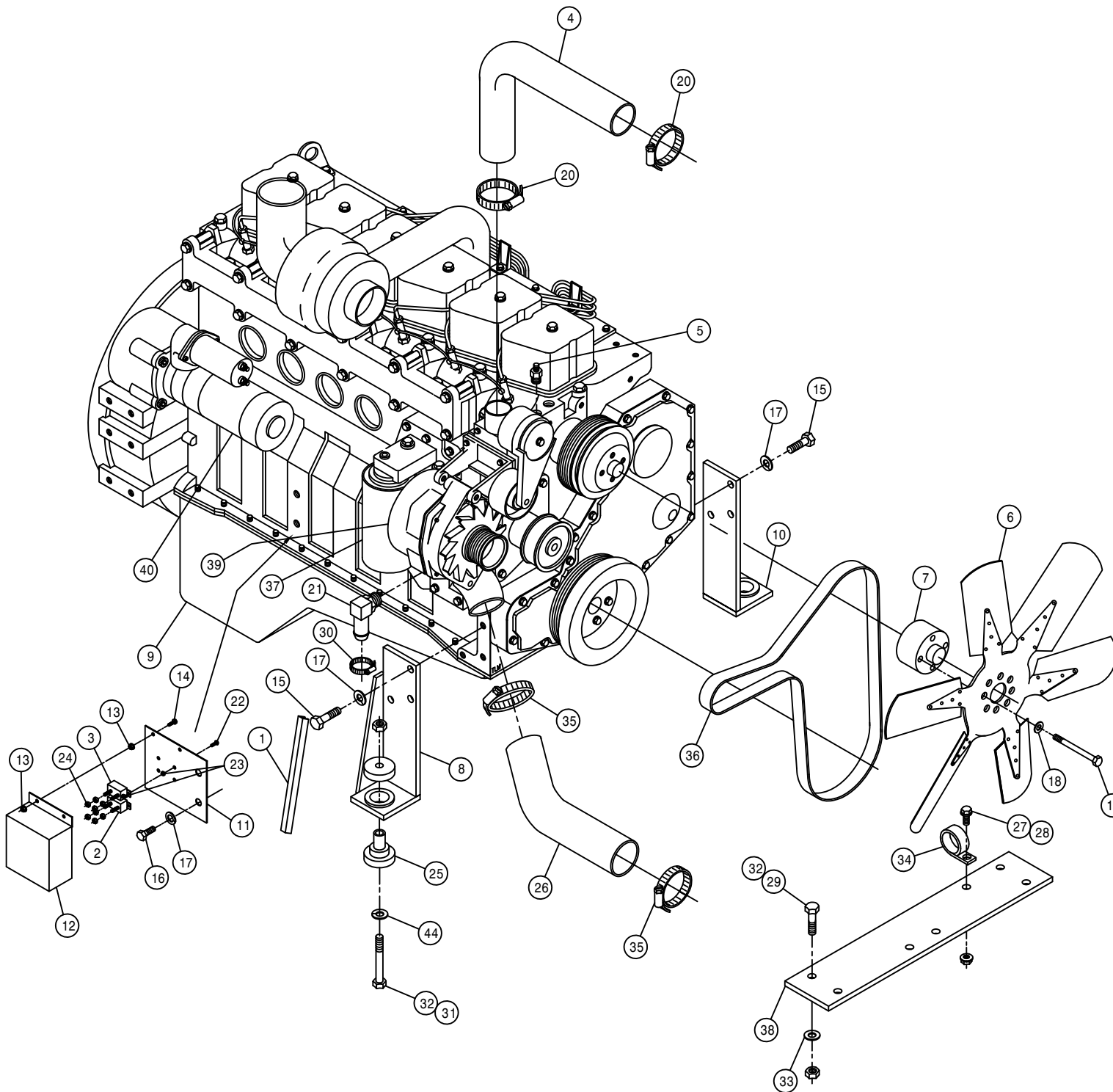


1	1	193012	QUICKEDGE TRIM .135 TO .250
2	1	290107	GROUND CABLE,8" X 4GA .406LUGS
3	1	291674	OIL PRESS SENDER,125PSI,1/8NPT
4	1	316252	RH REAR ENG MT WLD, CUMM 94
5	1	316253	LH REAR ENG MT WLD, CUMM 94
6	1	316303	THROTTLE CABLE MT,6CYL CUMM 97
7	1	316304	THROTTLE LEVER EXT,6CYL CUMM97
8	1	316312	CUMM ENG,6B5.9A 152@2500 CMPSR
9	1	316320	HYDST CABLE MT WLD,284 CUMM 98
10	1	316322	AIR REGULATOR BRKT 98
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	611147	3/4MJIC-1/2MNPT ADPTR
17	2	618447	7/16MJIC-90-1/8MNPT LBO
18	1	611293	04P919-04FJX-04FJX-20 H/A
19	1	711026	1/8MNPT-90-1/4OD NYL TUBE FTG
20	2	900072	5/16UNC X 3" HEX BOLT
21	2	914002	5/16UNC HEX STOVER NUT
22	2	920001	5/16 SAE FLAT WASHER
23	2	920500	1/4 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	1	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	2	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	601394	HOSE, 1/4 X 34 AIR
43	1	800501	DRIVE DISK ASSY, 284 97
44	8	473793	10MM-1.50 X 20MM HEX BOLT
45	12	473792	10MM-1.50 X 30MM HEX BOLT
46	1	500900	BLK PIPE ST EL 90DEG .125NPT

ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

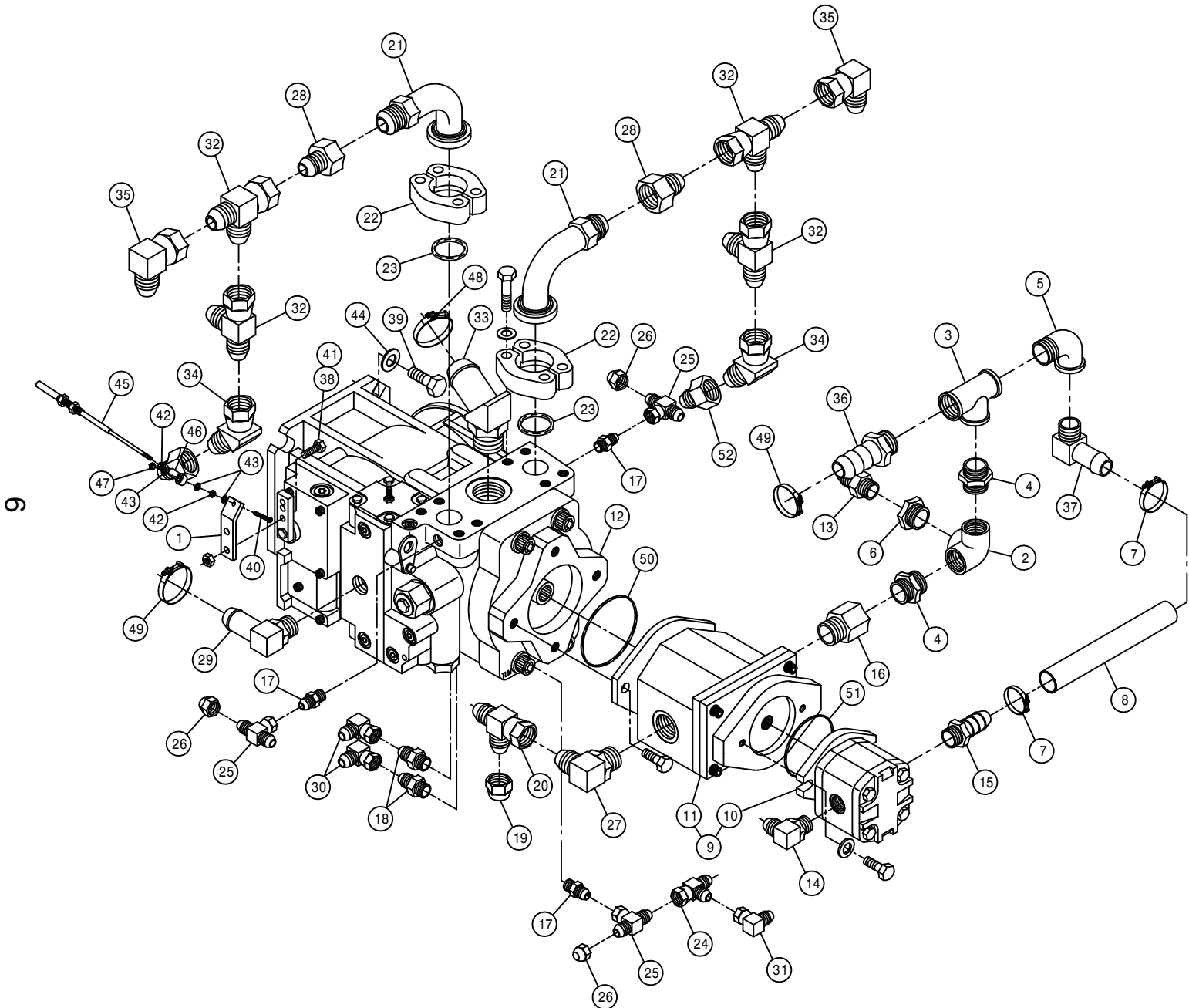
1	1	193012	QUICKEDGE TRIM .135 TO .250
2	1	291197	CIRCUIT BREAKER,30AMP,INLINEMT
3	1	291556	CIRCUIT BREAKER,50AMP,INLINEMT
4	1	314832	RADIATOR HOSE 1.75 X 19
5	1	314836	TEMP SENDR 280D 1/2NPT FOR GA
6	1	316180	FAN, 22" 6 BLADE 30DEG 2.25PIT
7	1	316199	22IN FAN SPACER CUMM 92
8	1	316250	RH FRT ENG MT 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	4	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	316346	105 AMP ALT,DELCO SMALL FRM 98
40	1	316216	STARTER FOR CUMM 6 CYL 316185

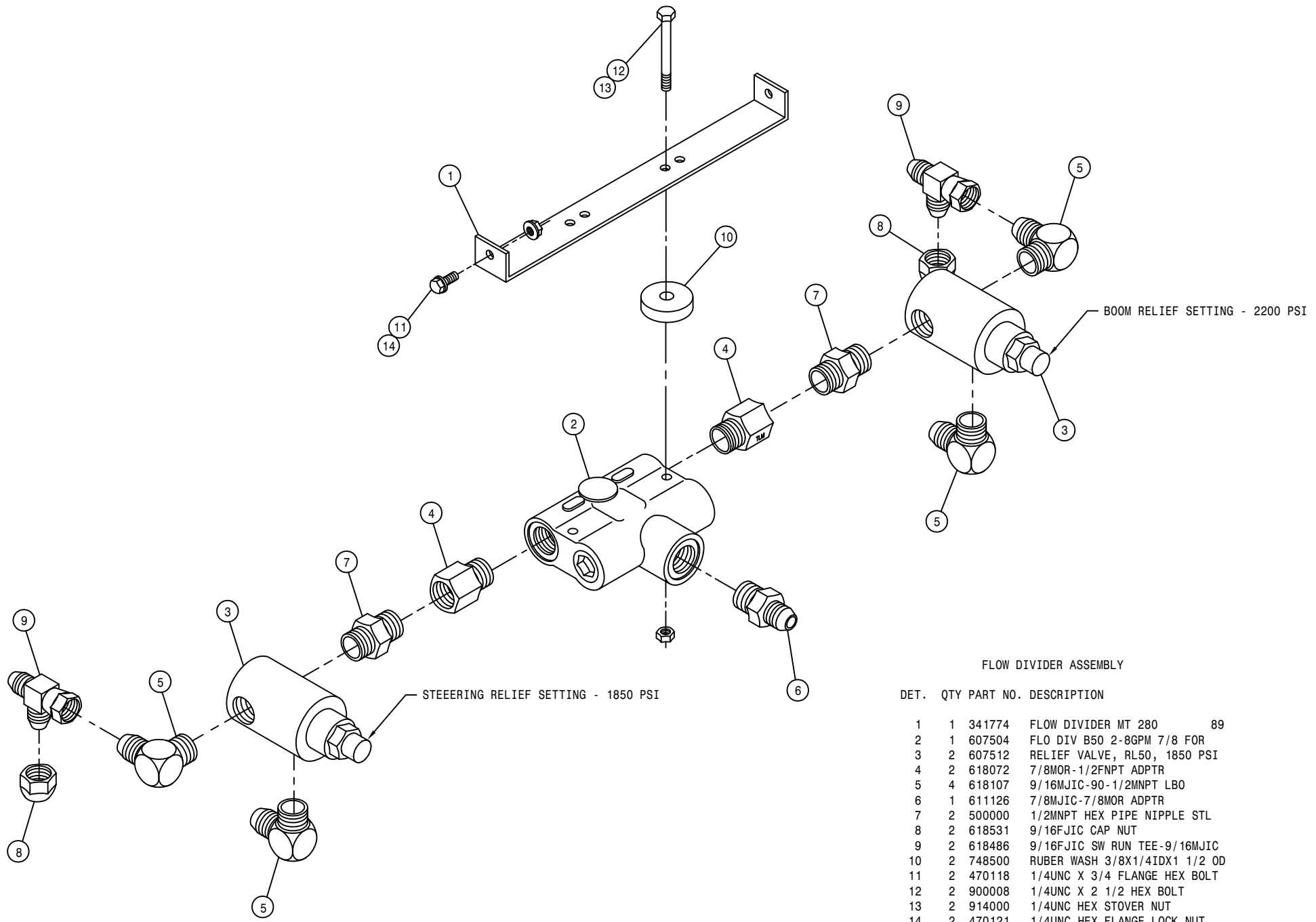


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SUNDSTRAND PUMP ASSEMBLY

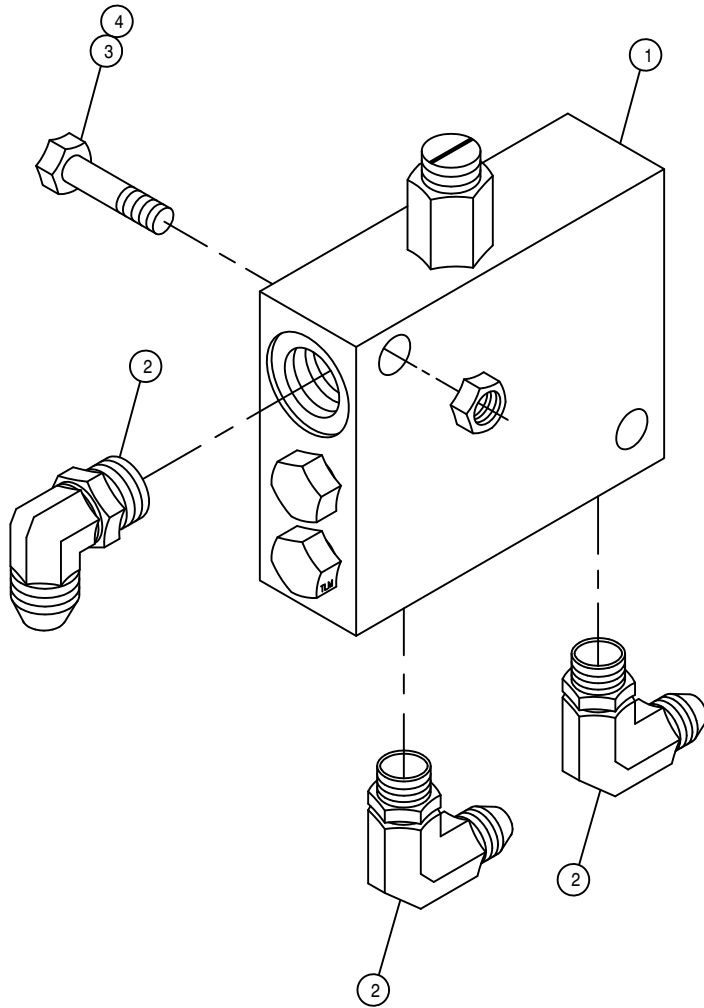
DET.	QTY	PART NO.	DESCRIPTION
1	1	316319	PUMP CTRL LEVER EXT,284 CUMM98
2	1	505098	SIDE OUTLET EL 90DEG 1.00NPT
3	1	505101	BLK PIPE TEE 1.00NPT
4	2	505105	1MNPT HEX PIPE NIPPLE STL
5	1	505200	BLK PIPE ST EL 90DEG 1.00NPT
6	1	505213	RED BUSH 1 X 3/4 BLK MAL
7	2	520137	1.19/1.37 T-BOLT HOSE CLAMP
8	1	601383	HOSE, 3/4 X 8 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-15/16MJ
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
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
52	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR





FLOW DIVIDER ASSEMBLY

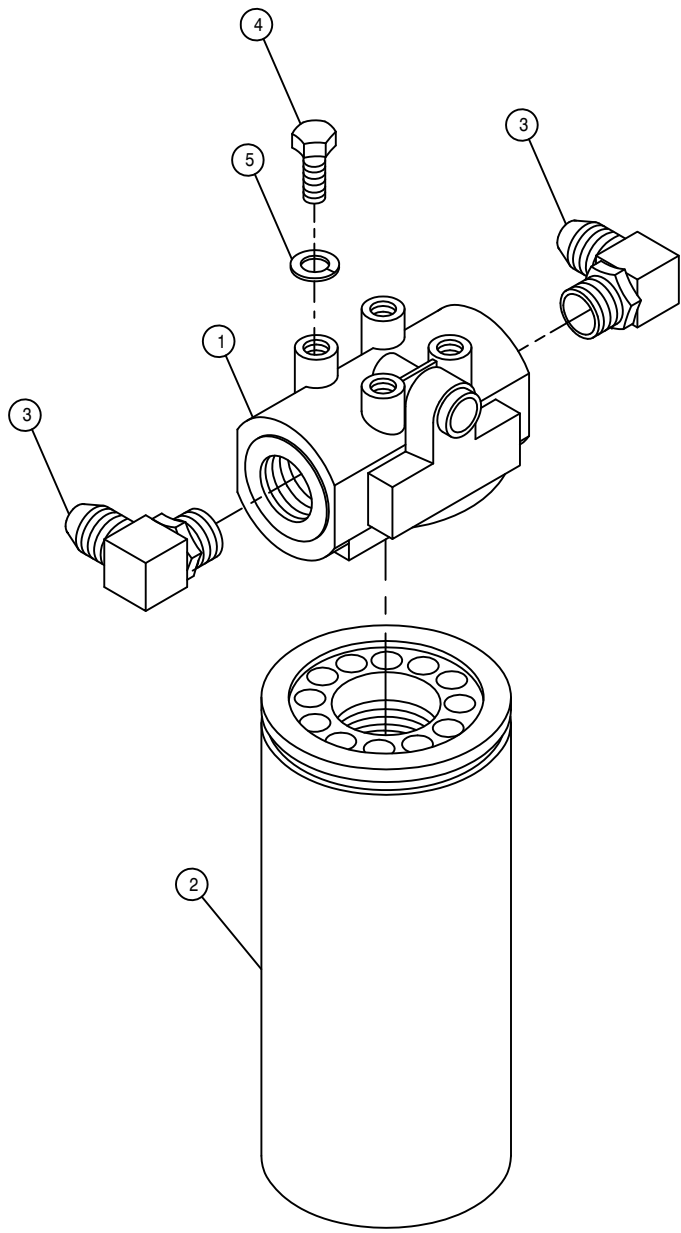
DET.	QTY	PART NO.	DESCRIPTION	
1	1	341774	FLOW DIVIDER MT 280	89
2	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	
3	2	607512	RELIEF VALVE, RL50, 1850 PSI	
4	2	618072	7/8MOR-1/2FNPT ADPTR	
5	4	618107	9/16MJIC-90-1/2MNPT LBO	
6	1	611126	7/8MJIC-7/8MOR ADPTR	
7	2	500000	1/2MNPT HEX PIPE NIPPLE STL	
8	2	618531	9/16FJIC 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

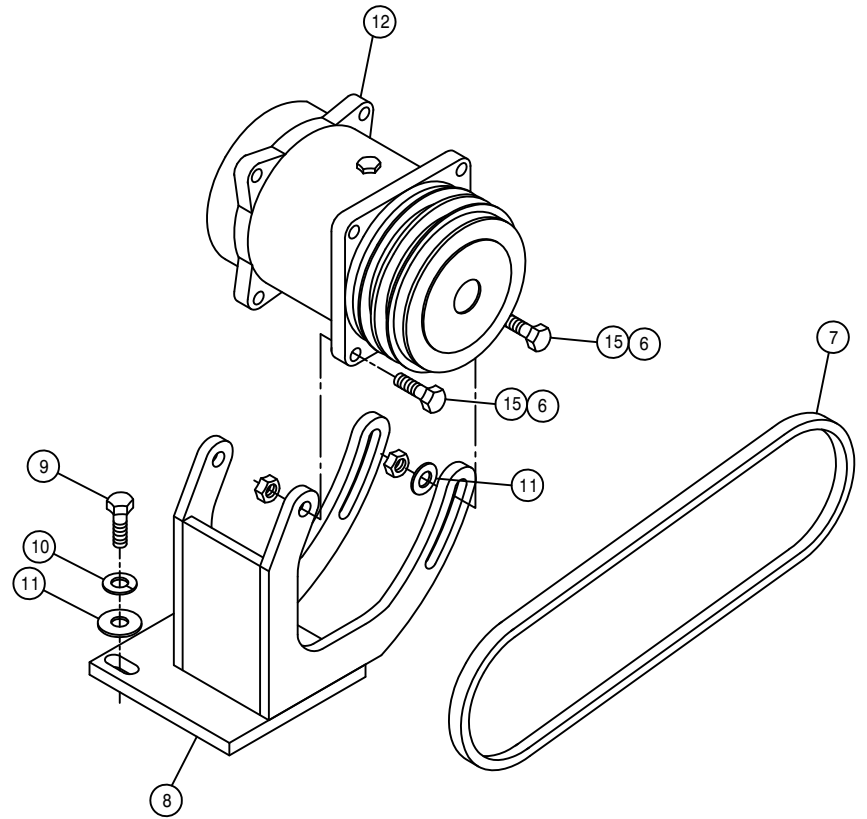
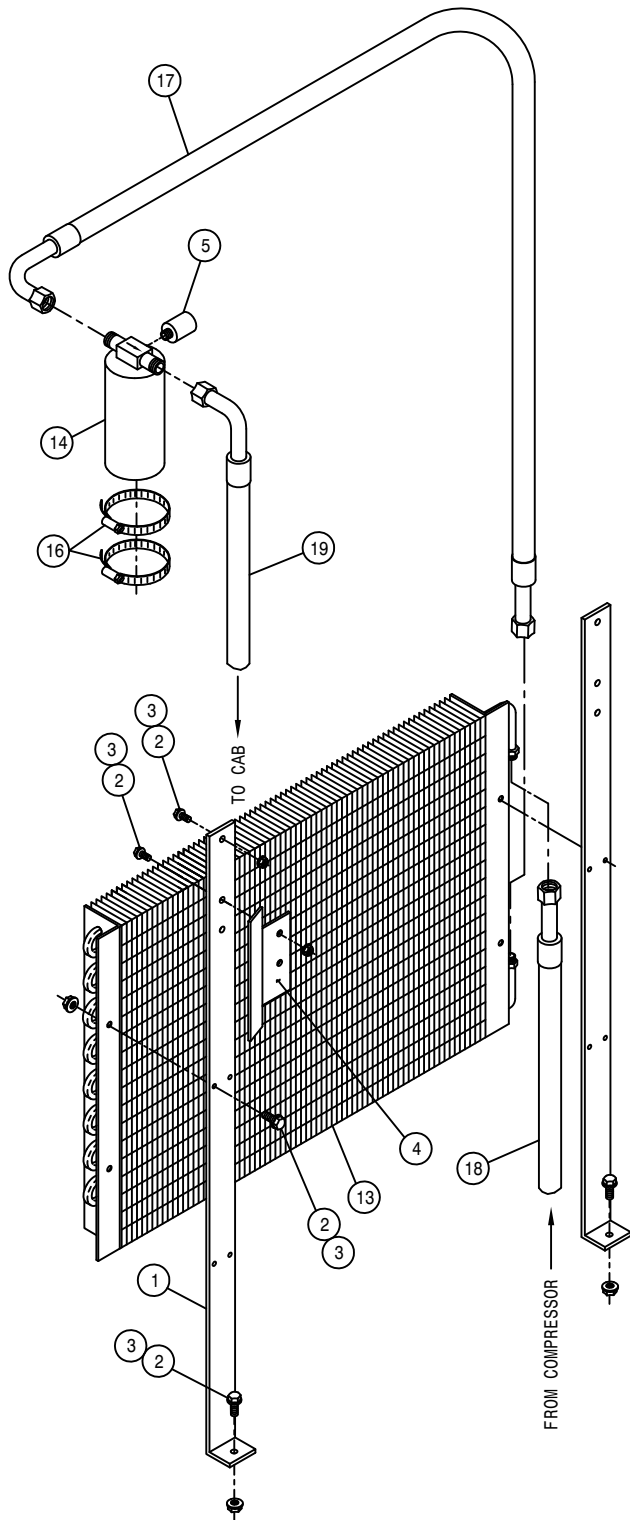
1	1	610580	REMOTE FLUSHING VALVE, SUND
2	3	618119	9/16MJIC-90-9/16MOR LBO
3	2	900133	3/8UNC X 2" HEX BOLT
4	2	914004	3/8UNC HEX STOVER NUT



HI-PRESS FILTER ASSEMBLY

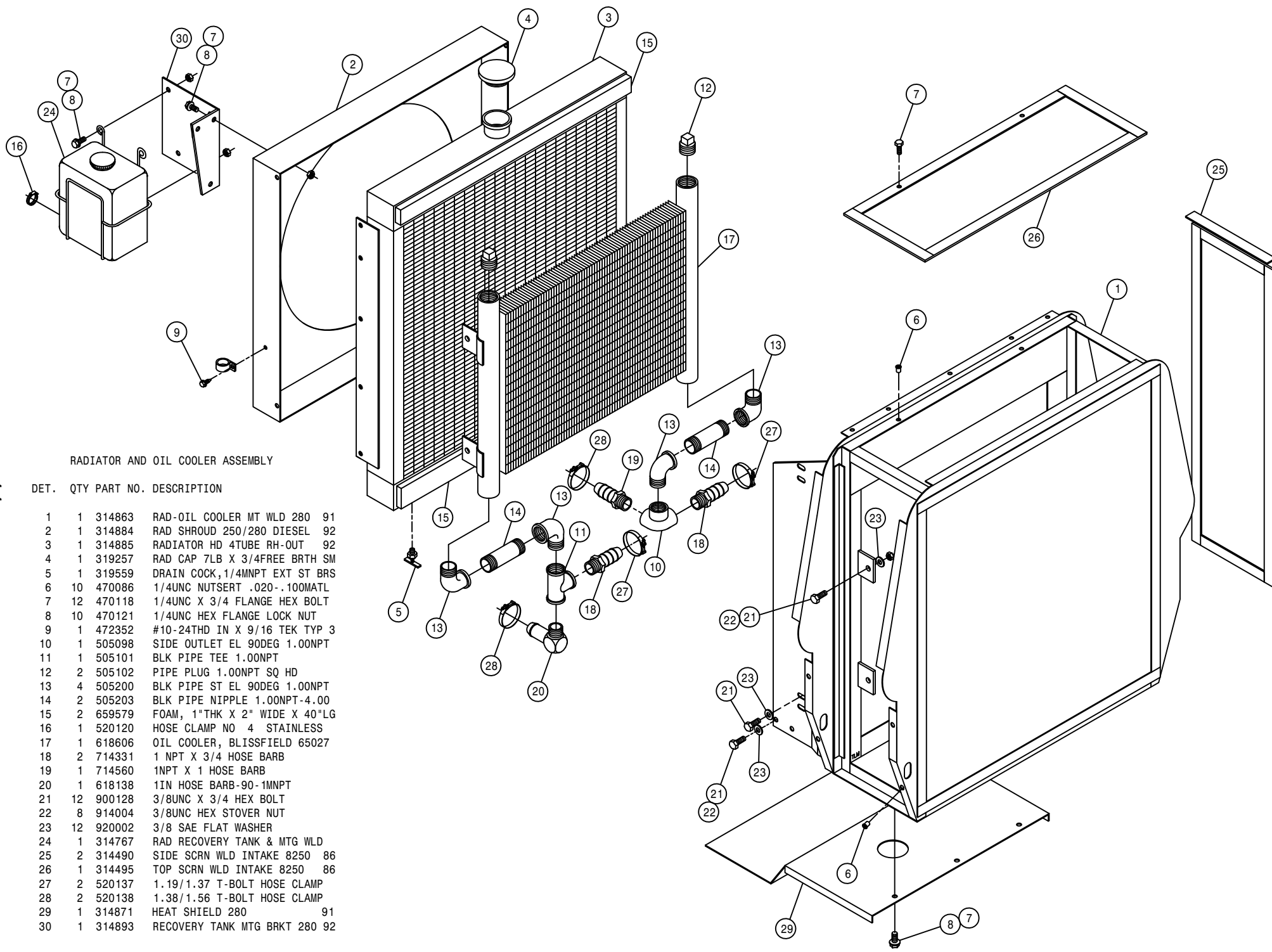
DET. QTY PART NO. DESCRIPTION

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

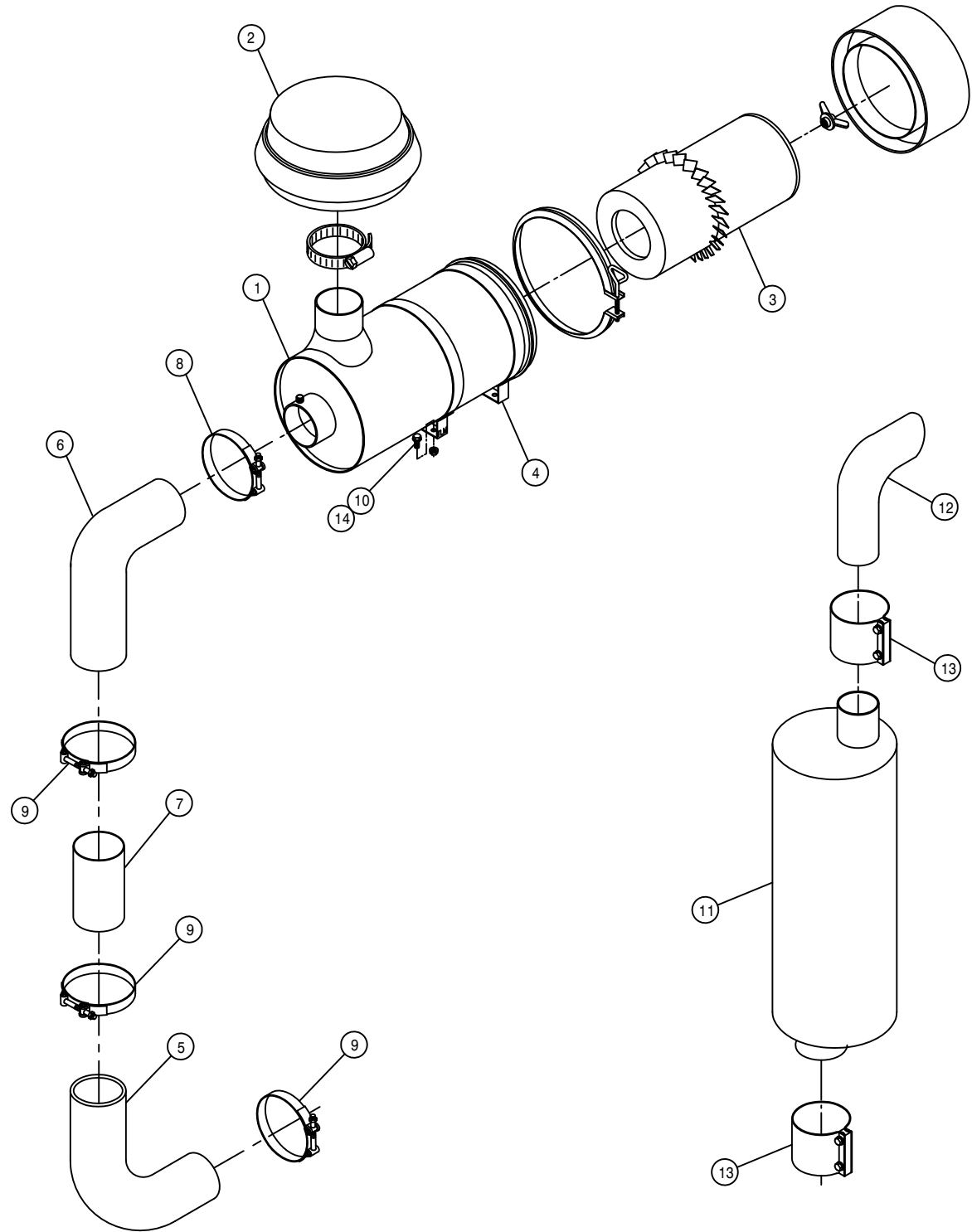
DET.	QTY	PART NO.	DESCRIPTION	
1	2	315036	CONDENSER MTG BRKT	99
2	10	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
3	10	470121	1/4UNC HEX FLANGE LOCK NUT	
4	1	315038	A/C DRIER MT,204-254-284	99
5	1	657422	A/C BINARY SWITCH	MCC
6	4	914004	3/8UNC HEX STOVER NUT	
7	1	147050	9455XL BELT, GATES	
8	1	316314	A/C COMPRSR 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 COMPRESSOR, SELTEC TM15/12	
13	1	657423	A/C CONDENSER COIL 21-0324	MCC
14	1	657421	A/C RECEIVER/DRIER	MCC
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	MCC
18	1	657430	A/C HOSE ASSY, 13/32 X 80	MCC
19	1	657431	A/C HOSE ASSY, 5/16 X 173	MCC



RADIATOR AND OIL COOLER ASSEMBLY

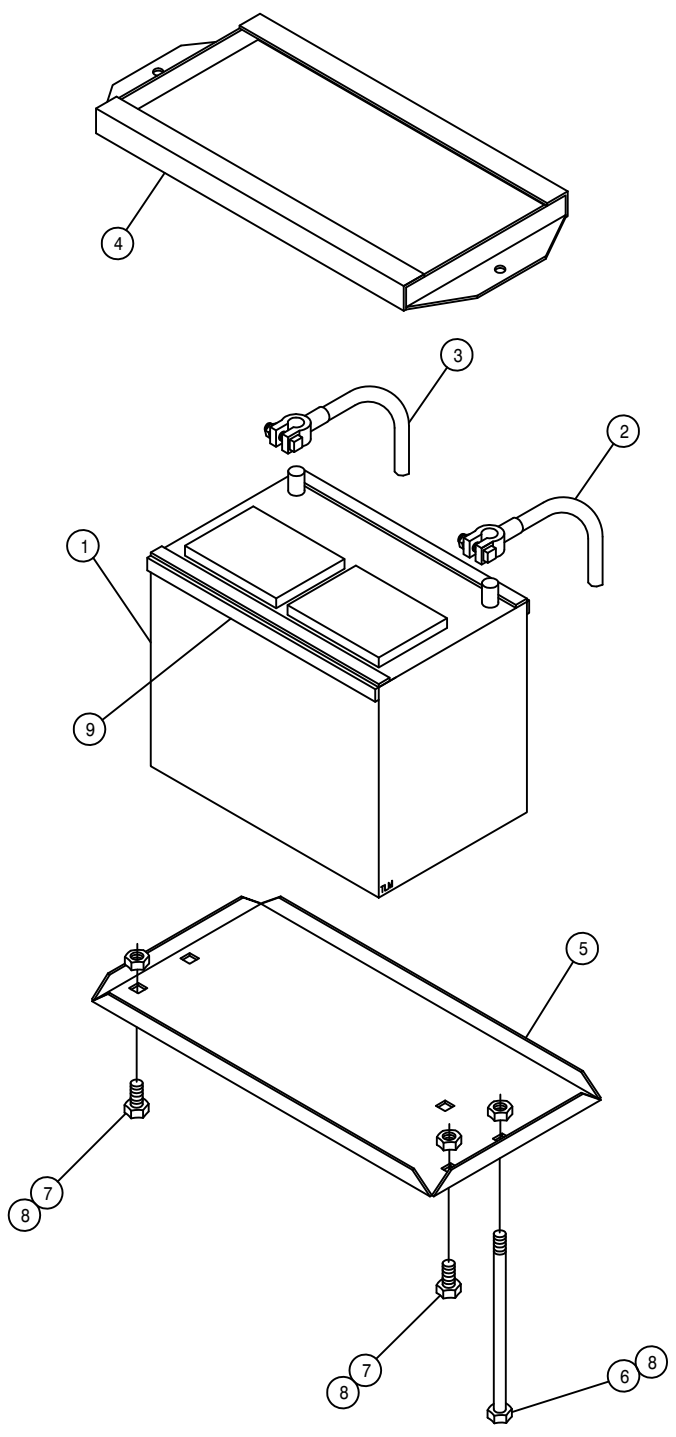
DET. QTY PART NO. DESCRIPTION

1	1	314863	RAD-OIL COOLER MT WLD 280	91
2	1	314884	RAD SHROUD 250/280 DIESEL	92
3	1	314885	RADIATOR HD 4TUBE RH-OUT	92
4	1	319257	RAD CAP 7LB X 3/4FREE BRTH SM	
5	1	319559	DRAIN COCK,1/4MNPT EXT ST BRS	
6	10	470086	1/4UNC NUTSERT .020-.100MATL	
7	12	470118	1/4UNC X 3/4 FLANGE HEX BOLT	
8	10	470121	1/4UNC HEX FLANGE LOCK NUT	
9	1	472352	#10-24THD IN X 9/16 TEK TYP 3	
10	1	505098	SIDE OUTLET EL 90DEG 1.00NPT	
11	1	505101	BLK PIPE TEE 1.00NPT	
12	2	505102	PIPE PLUG 1.00NPT SQ HD	
13	4	505200	BLK PIPE ST EL 90DEG 1.00NPT	
14	2	505203	BLK PIPE NIPPLE 1.00NPT-4.00	
15	2	659579	FOAM, 1"THK X 2" WIDE X 40"LG	
16	1	520120	HOSE CLAMP NO 4 STAINLESS	
17	1	618606	OIL COOLER, BLISSFIELD 65027	
18	2	714331	1 NPT X 3/4 HOSE BARB	
19	1	714560	1NPT X 1 HOSE BARB	
20	1	618138	1IN HOSE BARB-90-1MNPT	
21	12	900128	3/8UNC X 3/4 HEX BOLT	
22	8	914004	3/8UNC HEX STOVER NUT	
23	12	920002	3/8 SAE FLAT WASHER	
24	1	314767	RAD RECOVERY TANK & MTG WLD	
25	2	314490	SIDE SCR N WLD INTAKE 8250	86
26	1	314495	TOP SCR N WLD INTAKE 8250	86
27	2	520137	1.19/1.37 T-BOLT HOSE CLAMP	
28	2	520138	1.38/1.56 T-BOLT HOSE CLAMP	
29	1	314871	HEAT SHIELD 280	91
30	1	314893	RECOVERY TANK MTG BRKT 280	92



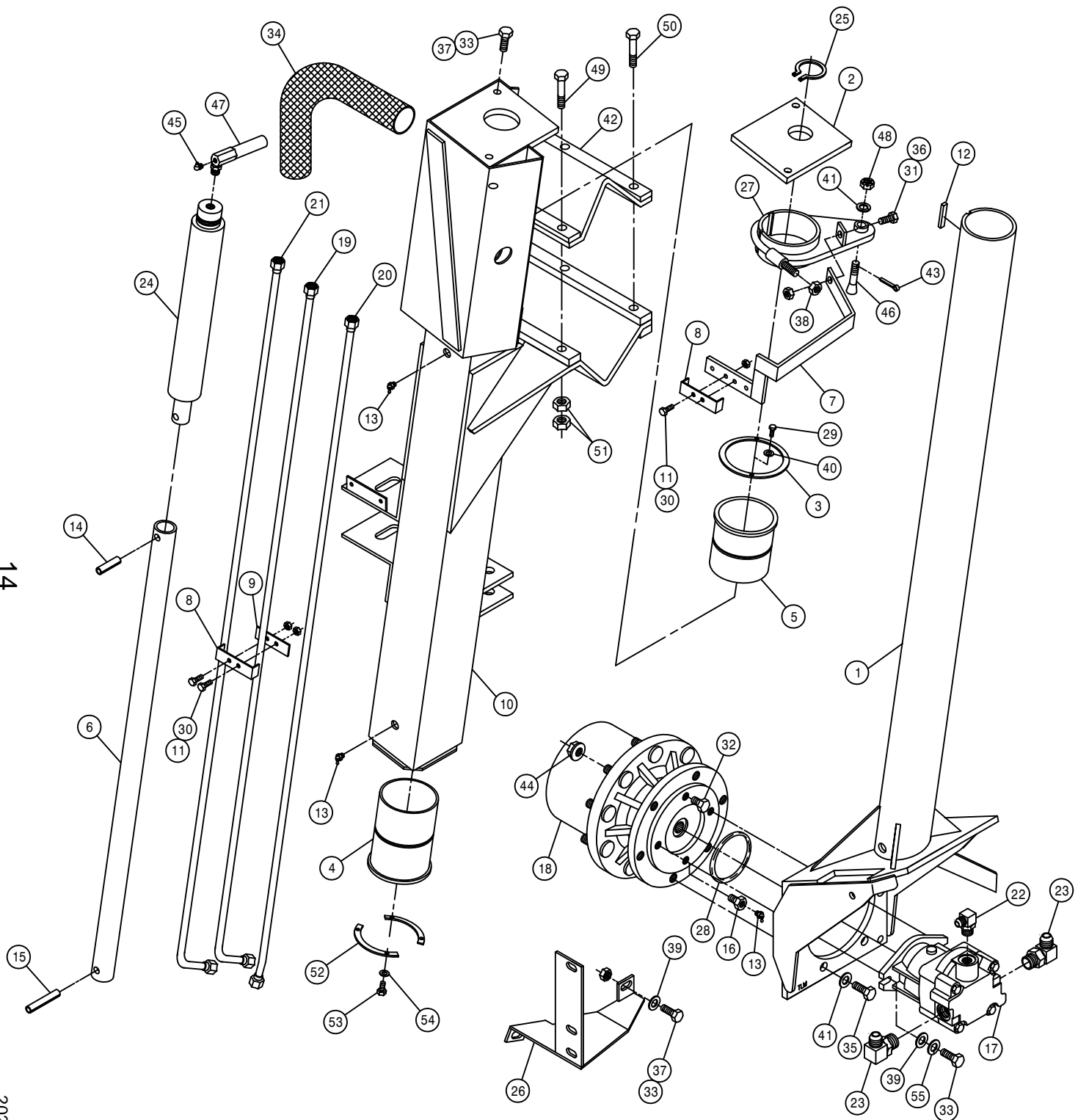
AIR CLEANER AND EXHAUST PIPE

DET.	QTY	PART NO.	DESCRIPTION
	1	314970	AIR CLEANER, 510 CFM
	1	314971	AIR CLEANER HOOD FOR 314970
	1	314973	AIR CLEANER ELEMENT FOR314970
	2	314972	AIR CLEANER MT BAND FOR314970
	1	316309	4" 90DEG ELBOW, RUBBER
	1	316297	5" -4" 90DEG REDU ELBOW,RUBBER
	1	316298	4" X 11.50" AIR INTAKE TUBE,97
	1	520136	5.31/5.59 T-BOLT HOSE CLAMP SS
	3	520134	4.31/4.59 T-BOLT HOSE CLAMP SS
	4	470113	5/16UNC HEX FLANGE LOCK NUT
	1	316299	MUFFLER, 3" DONALDSON 97
	1	316300	3" EXHAUST STACK 97
	2	470243	3" STRAP BAND EXHAUST CLAMP
	4	470233	5/16UNC X 3/4 FLANGE HEX BOLT



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

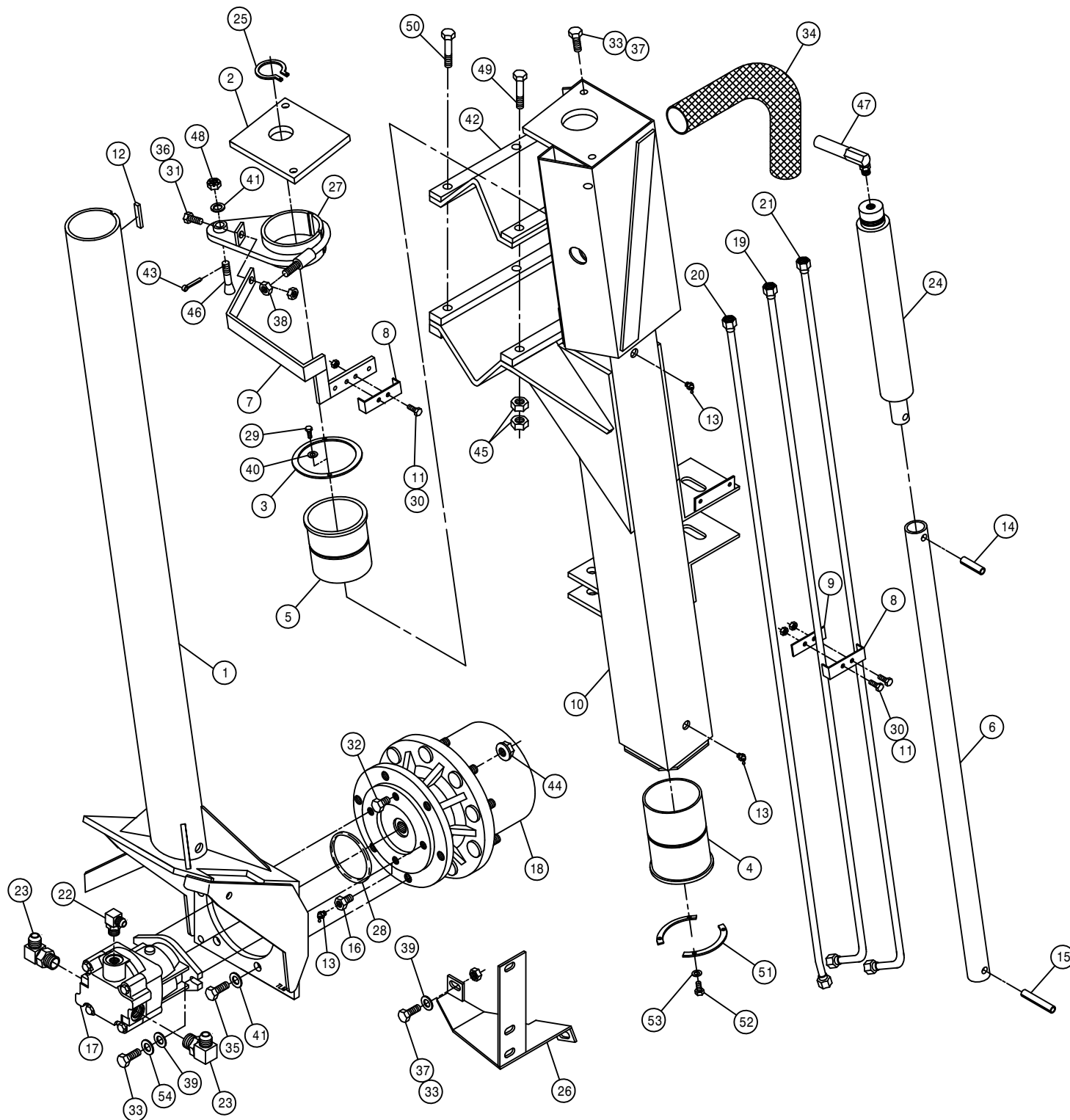


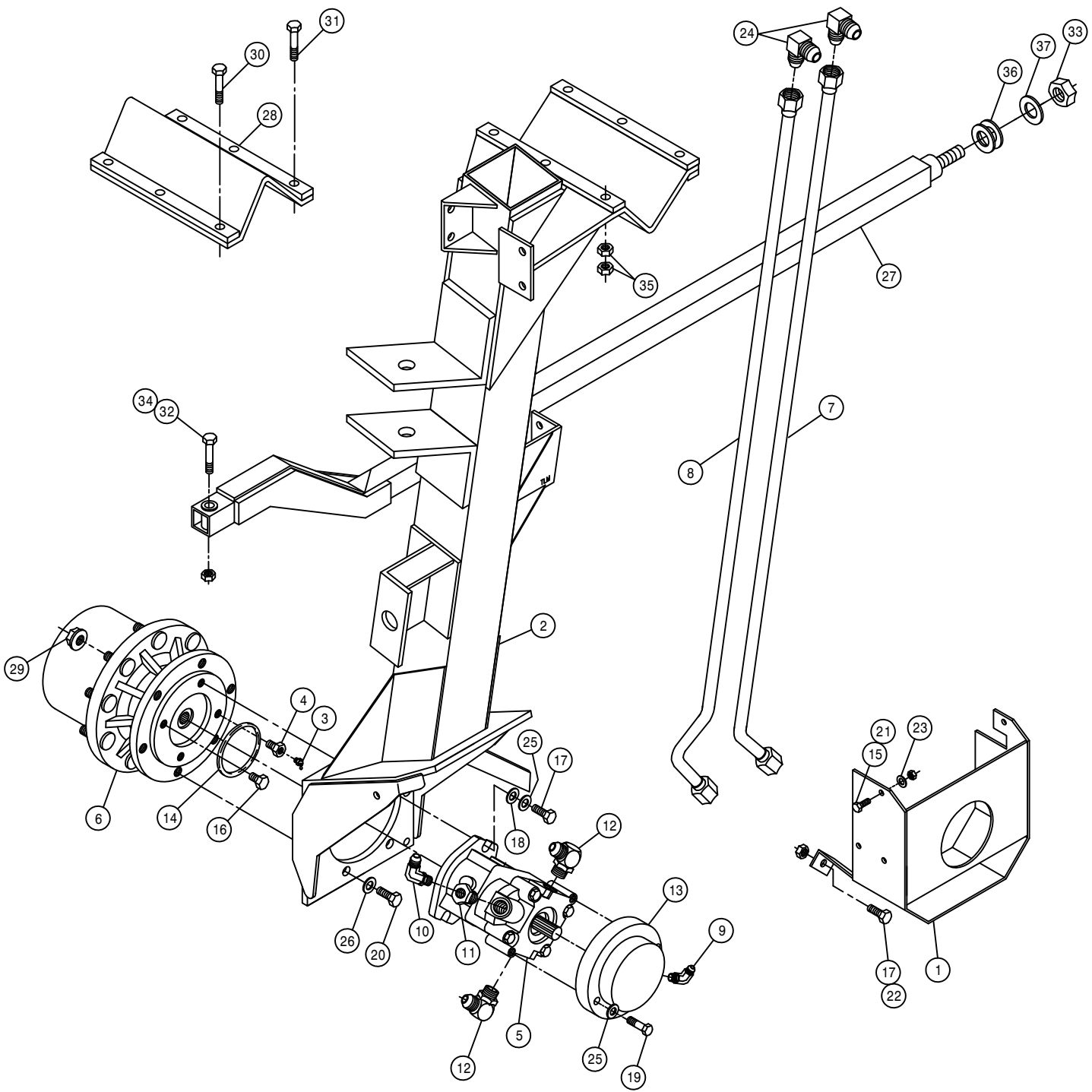
RIGHT FRONT LEG ASSEMBLY

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 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	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

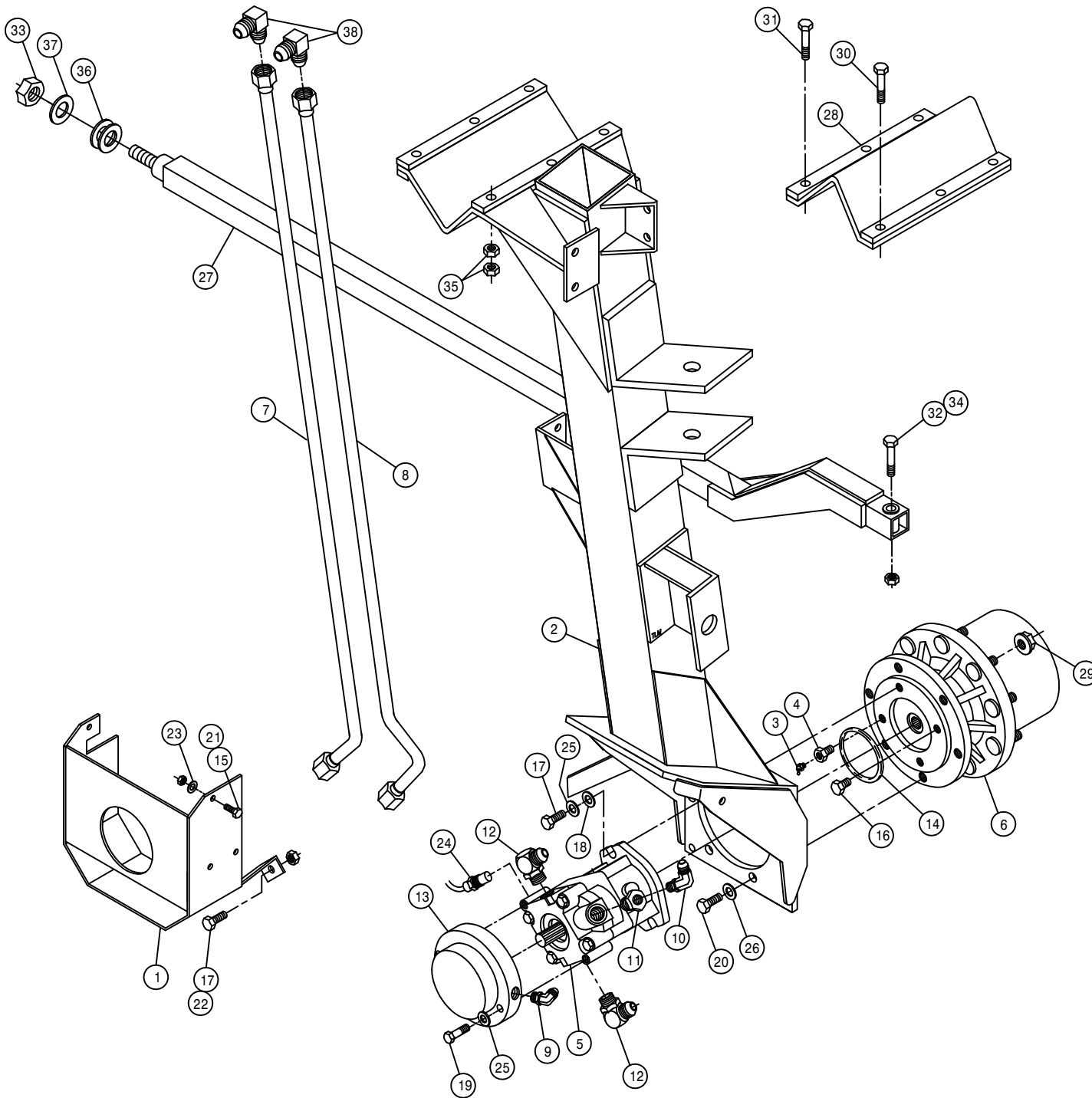
DET.	QTY	PART NO.	DESCRIPTION	
	1	358536	LH FRT INNER LEG WLD 280	89
	2	358562	LEG CYL MTG PLATE 280	89
	3	358563	FRT LEG BRG KPR 280	89
	4	358564	FRT LEG LWR NYL SLEEVE 280	89
	5	358565	FRT LEG UPR NYL SLEEVE 280	89
	6	358566	LEG CYL SHAFT EXTENSION280	89
	7	358708	LH FRT LEG TUBE BRKT WLD280TA	
	8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





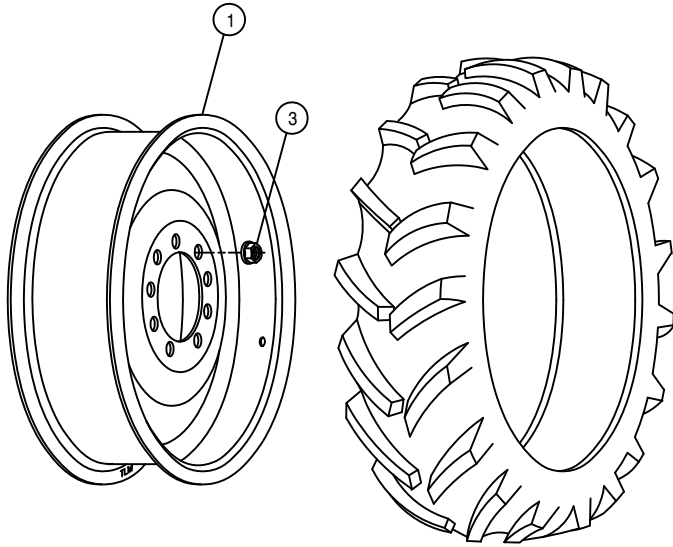
RIGHT REAR LEG ASSEMBLY

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 ASSY 284	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	

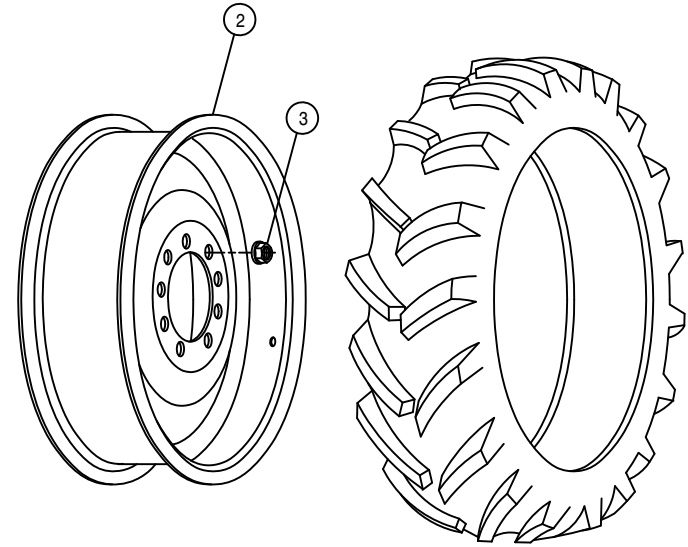


LEFT REAR LEG ASSEMBLY

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 FOR SUND WHL MOTOR	
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	



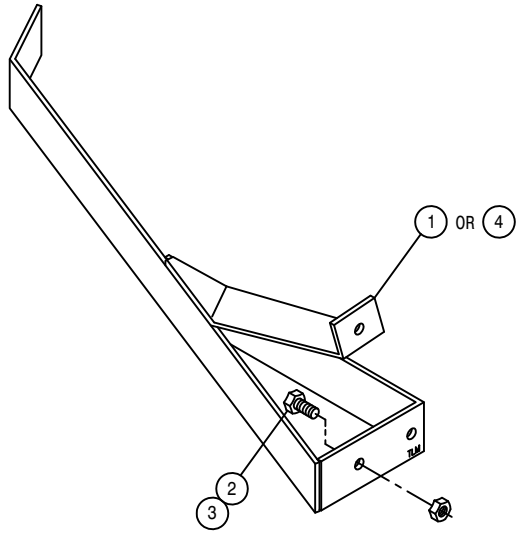
13.6-28 RADIAL TIRE



12.4-28 BIAS TIRE

TIRE AND RIM ASSEMBLIES

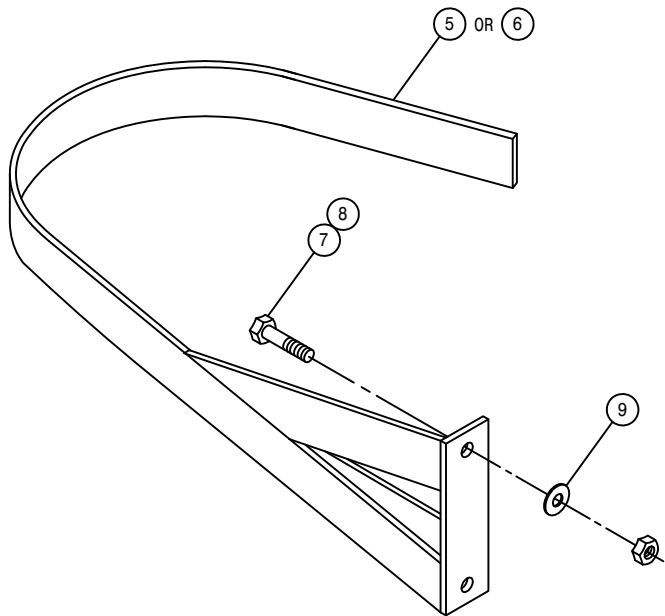
DET.	QTY	PART NO.	DESCRIPTION	
1	1	821045	RIM WLD, W12-28, 284	98
2	1	821047	RIM WLD, W10-28, 284	98
3	18	470140	5/8UNF HEX SMTH FLANGE NUT PLT	

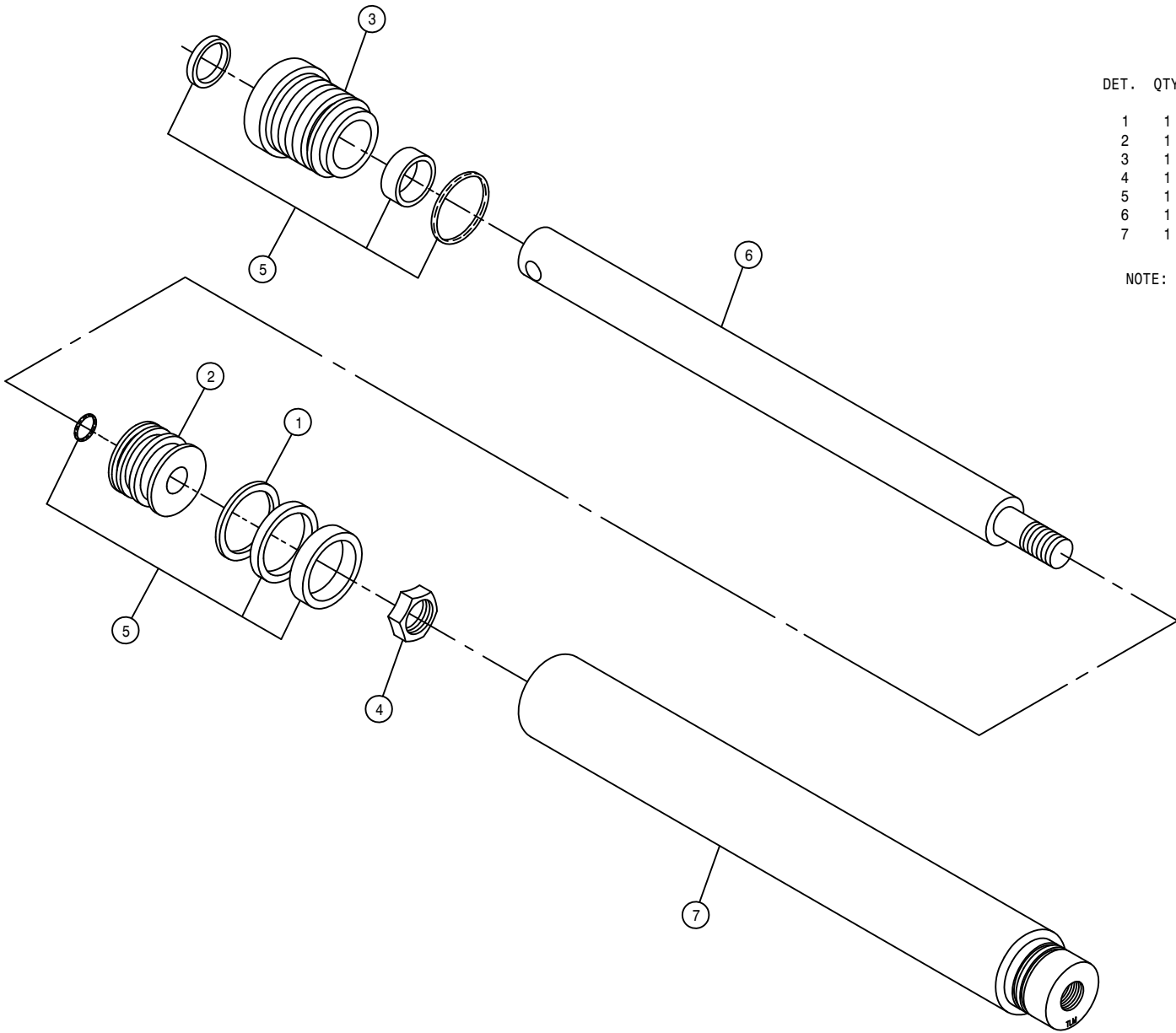


CROP GUIDES

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	

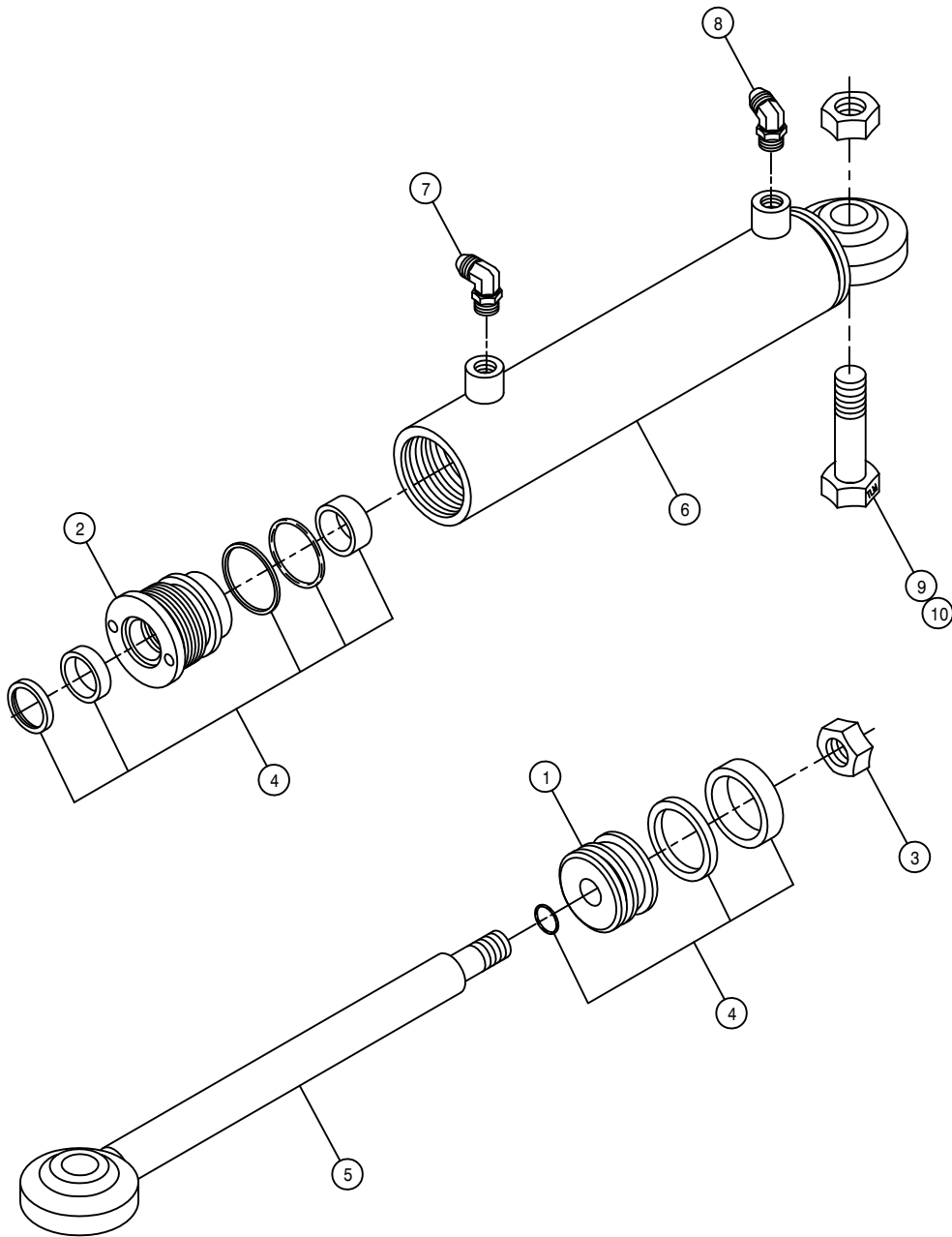




FRONT LEG CYLINDER ASSEMBLY

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

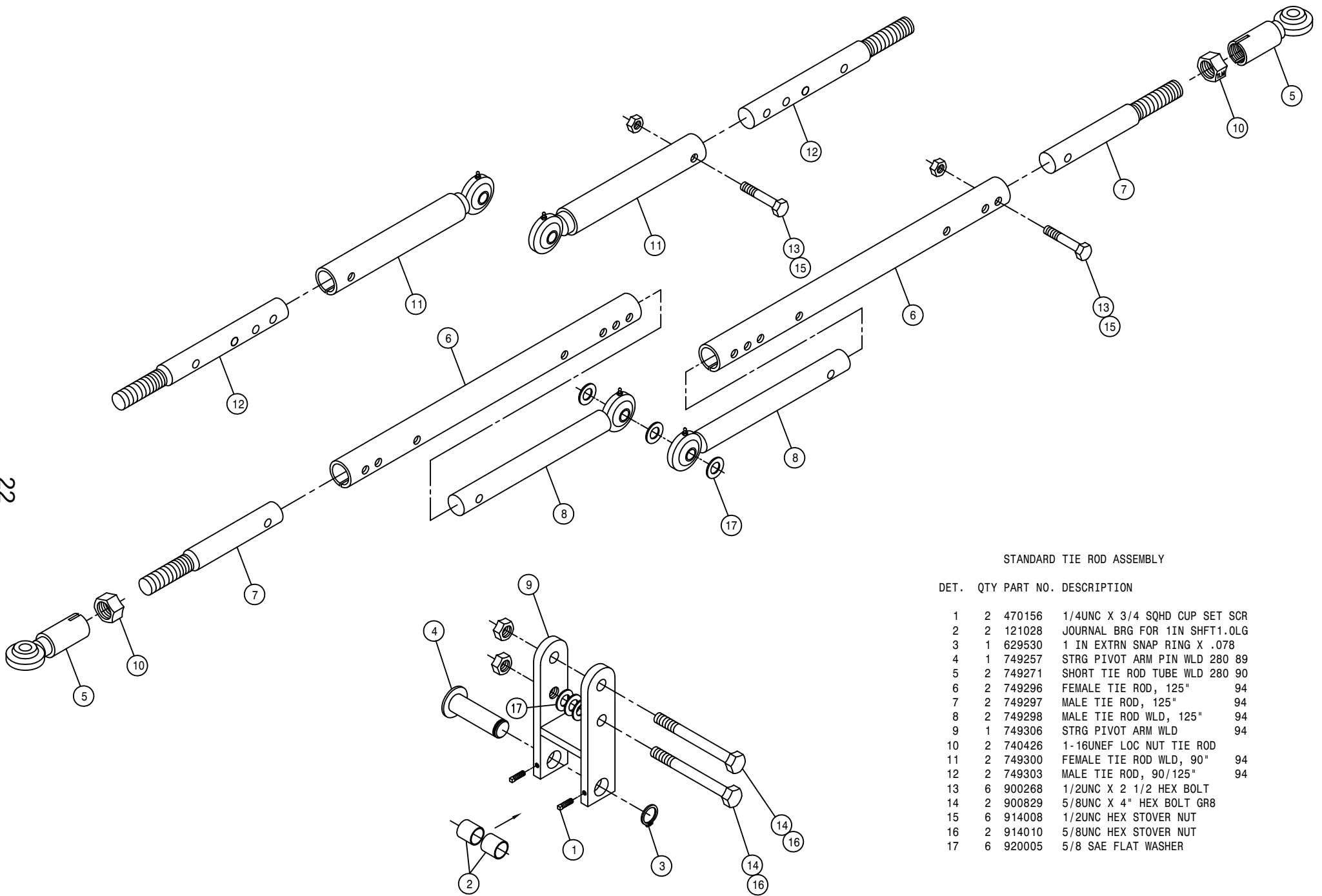


STEERING CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

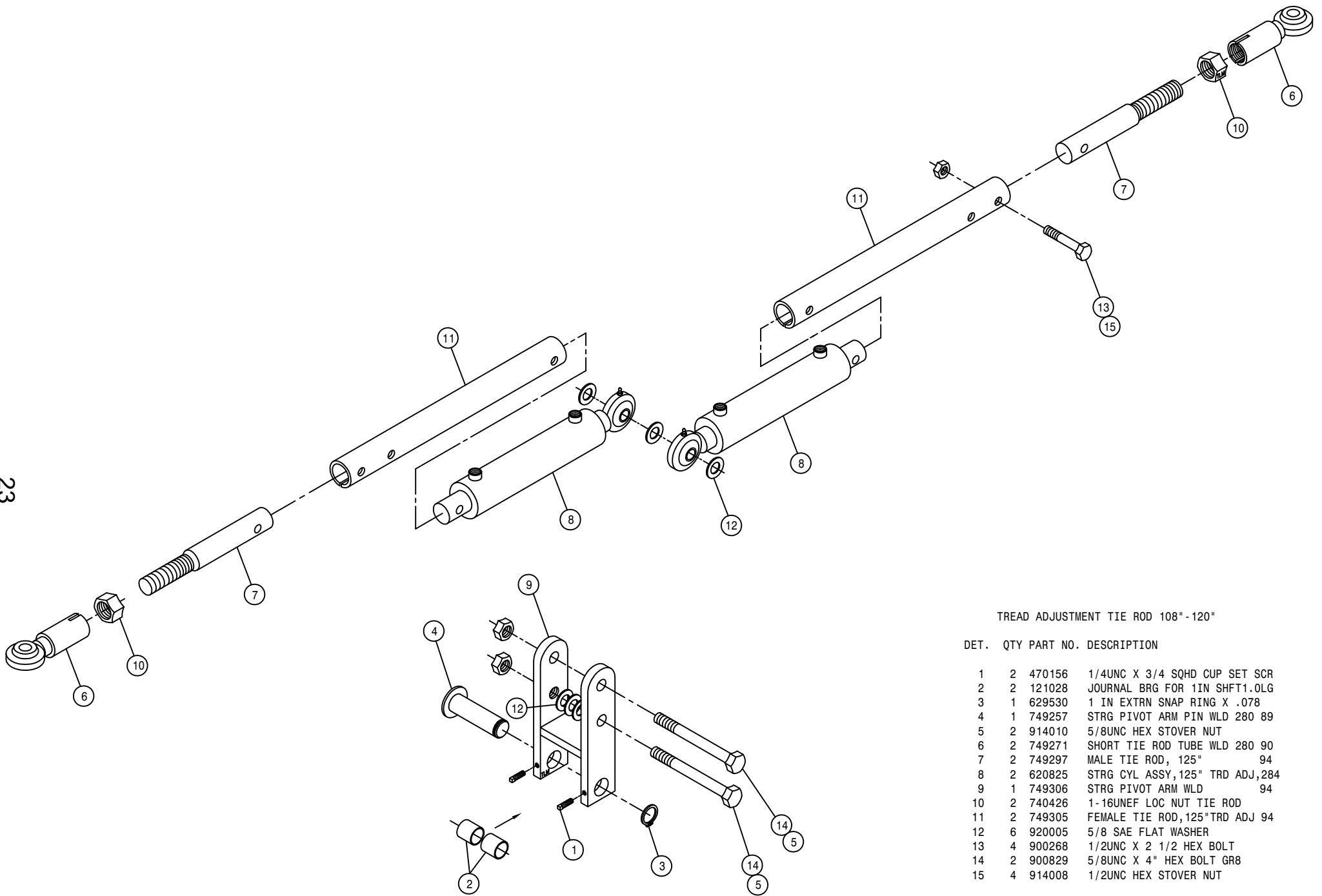
DET.	QTY	PART NO.	DESCRIPTION
1	1	620750	PISTON, P-1.50-021
2	1	620751	HEAD, H-1.50-330
3	1	620752	NUT, N-0.50-01
4	1	620777	REPAIR KIT, HYD CYL, RK-1.50-800
5	1	620803	SHAFT WLD, STRG CYL 620800
6	1	620804	BARREL WLD, STRG CYL 620800
7	1	618119	9/16MJIC-90-9/16MOR LBO
8	1	618425	9/16MJIC-45-9/16MOR LBO
9	1	900336	5/8UNC X 2 1/2 HEX BOLT
10	1	914010	5/8UNC HEX STOVER NUT

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



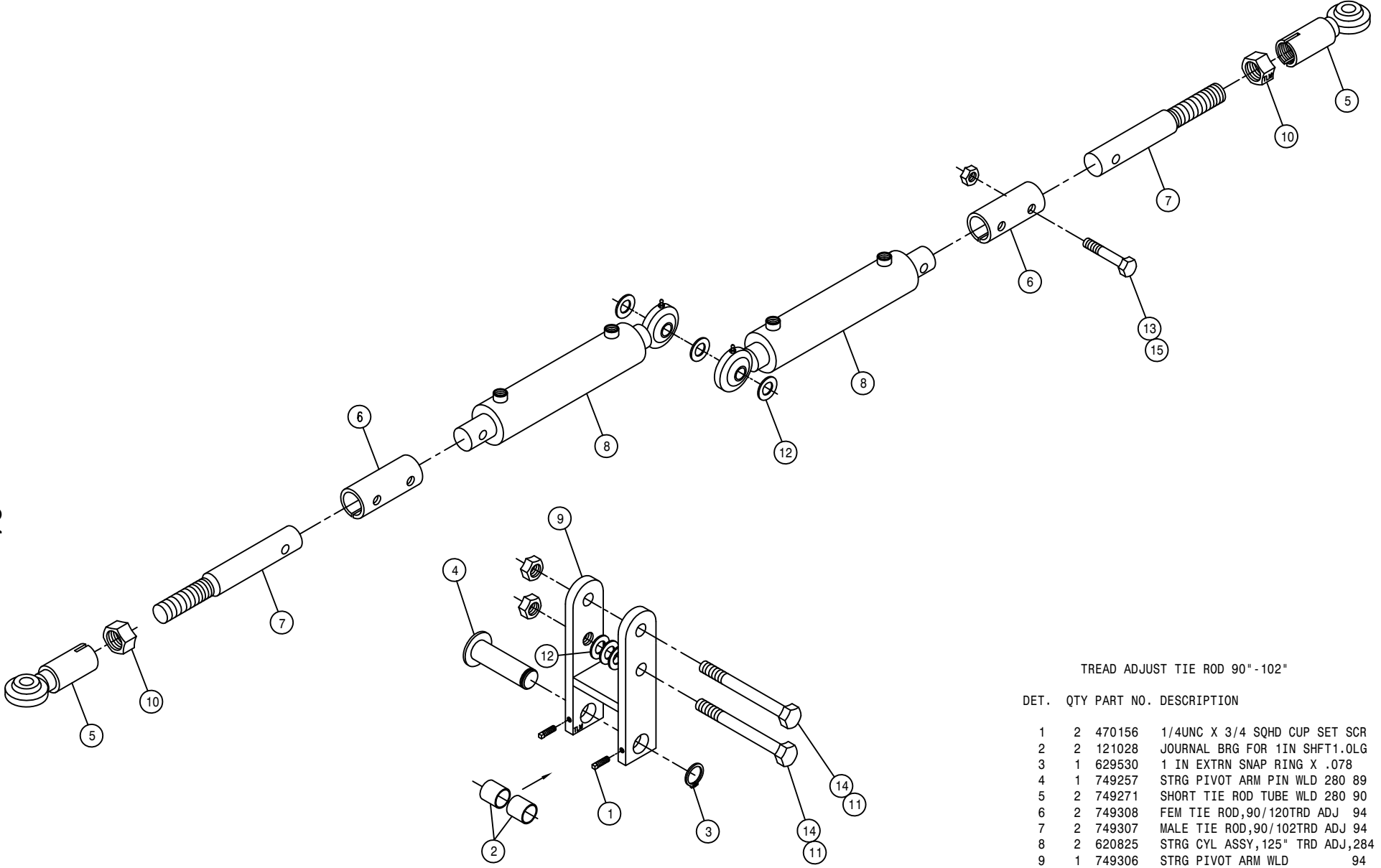
STANDARD TIE ROD ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	470156	1/4UNC X 3/4 SQHD CUP SET SCR
2	2	121028	JOURNAL BRG FOR 1IN SHFT1.0LG
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



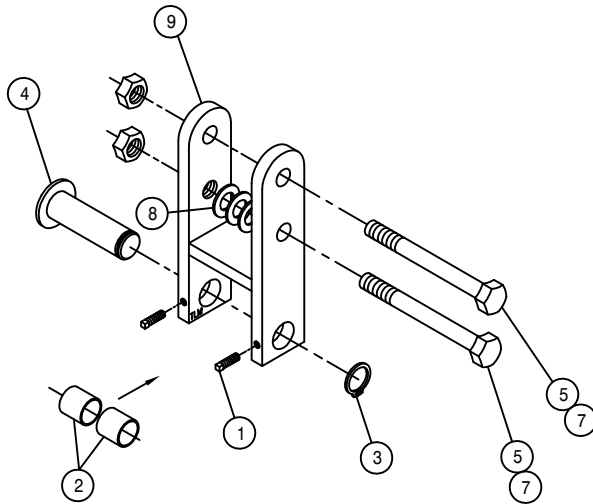
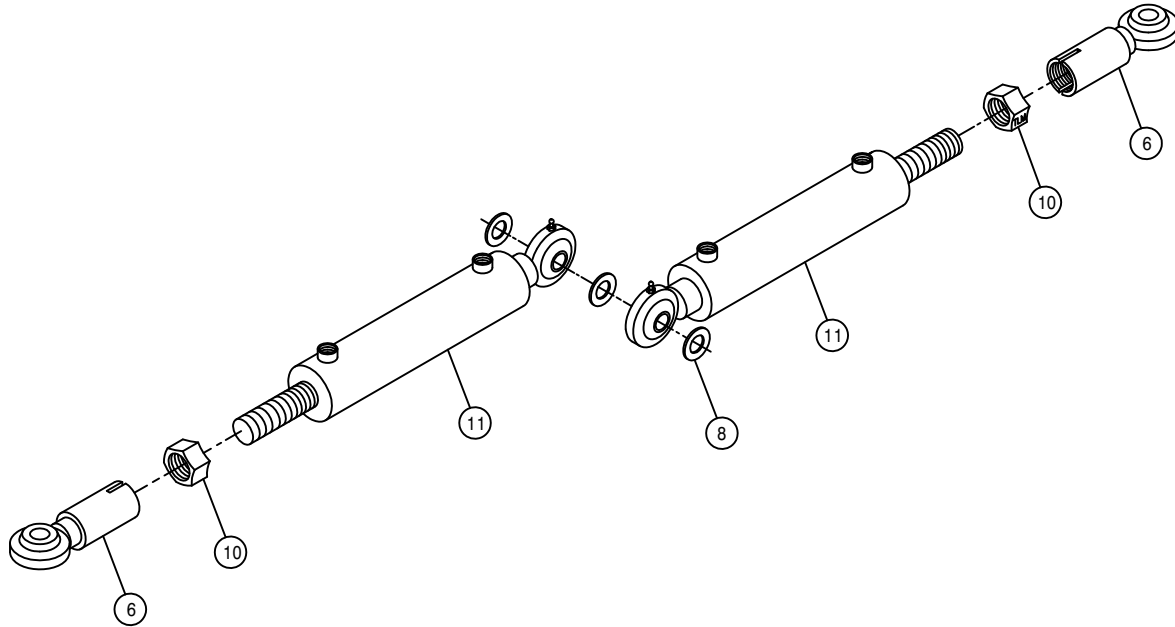
TREAD ADJUSTMENT TIE ROD 108"-120"

DET.	QTY	PART NO.	DESCRIPTION
1	2	470156	1/4UNC X 3/4 SQHD CUP SET SCR
2	2	121028	JOURNAL BRG FOR 1IN SHFT1.0LG
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 FOR 1IN SHFT1.0LG
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 LOC 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"

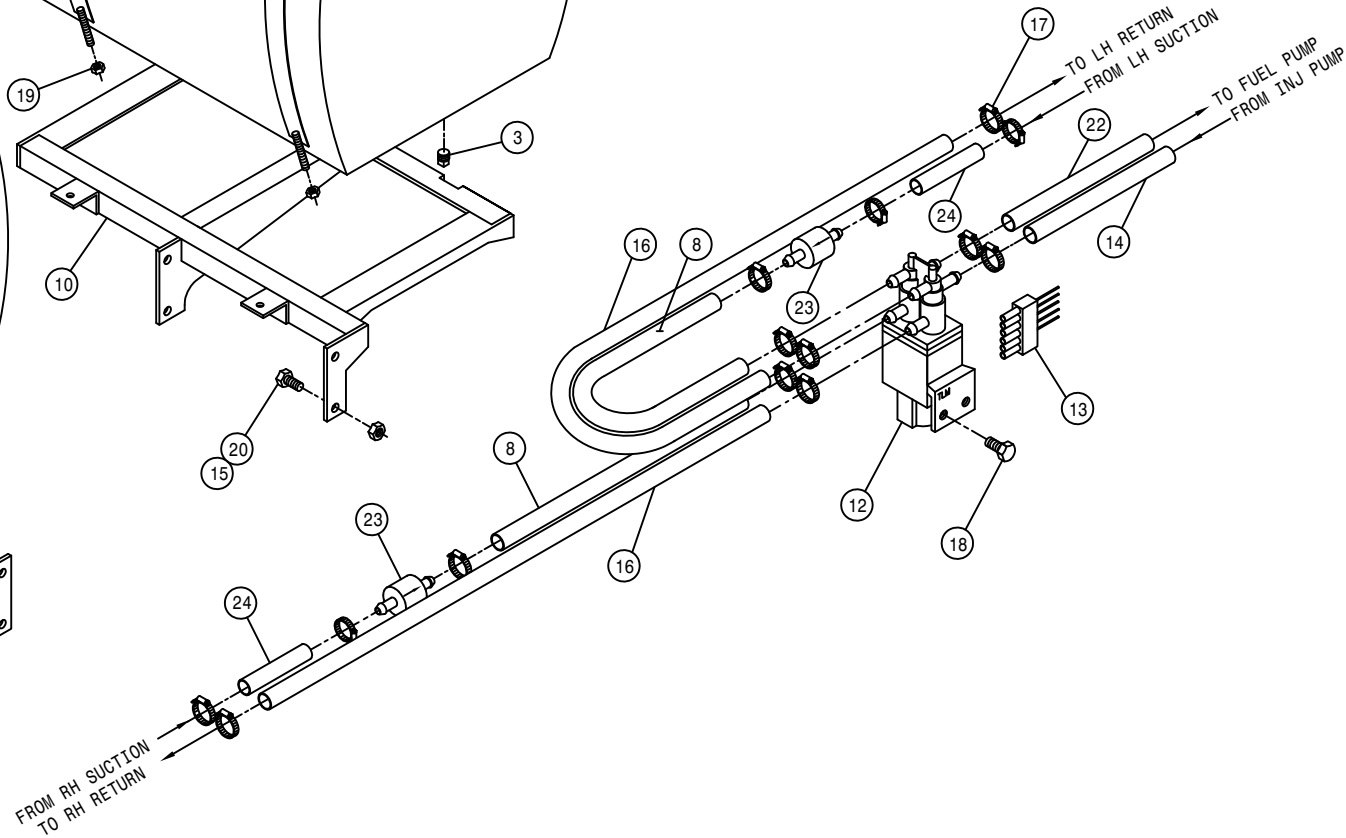
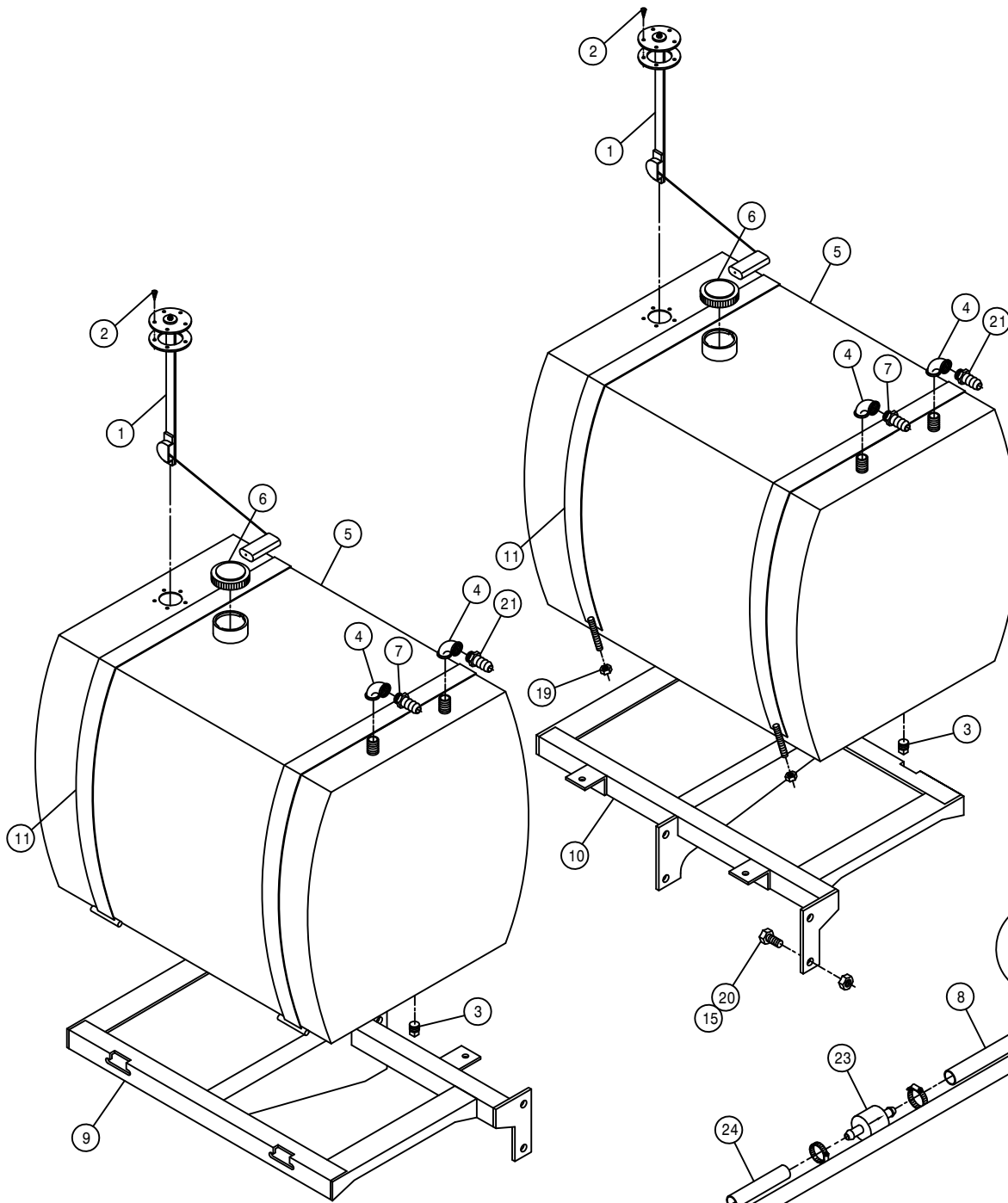
DET. QTY PART NO. DESCRIPTION

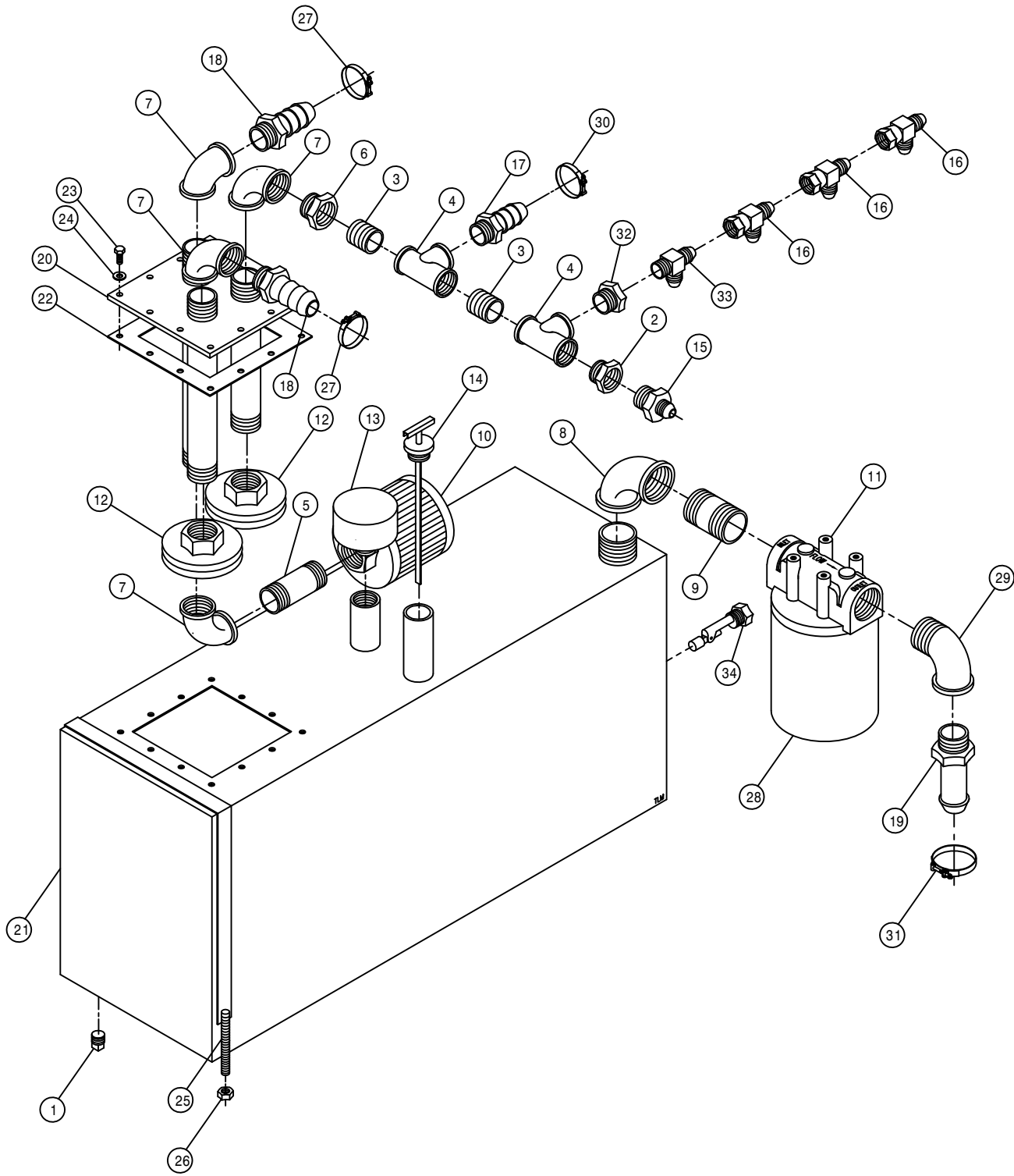
1	2	470156	1/4UNC X 3/4 SQHD CUP SET SCR
2	2	121028	JOURNAL BRG FOR 1IN SHFT1.OLG
3	1	629530	1 IN EXTRN SNAP RING X .078
4	1	749257	STRG PIVOT ARM PIN WLD 280 89
5	2	900829	5/8UNC X 4" HEX BOLT GR8
6	2	749271	SHORT TIE ROD TUBE WLD 280 90
7	2	914010	5/8UNC HEX STOVER NUT
8	6	920005	5/8 SAE FLAT WASHER
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

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

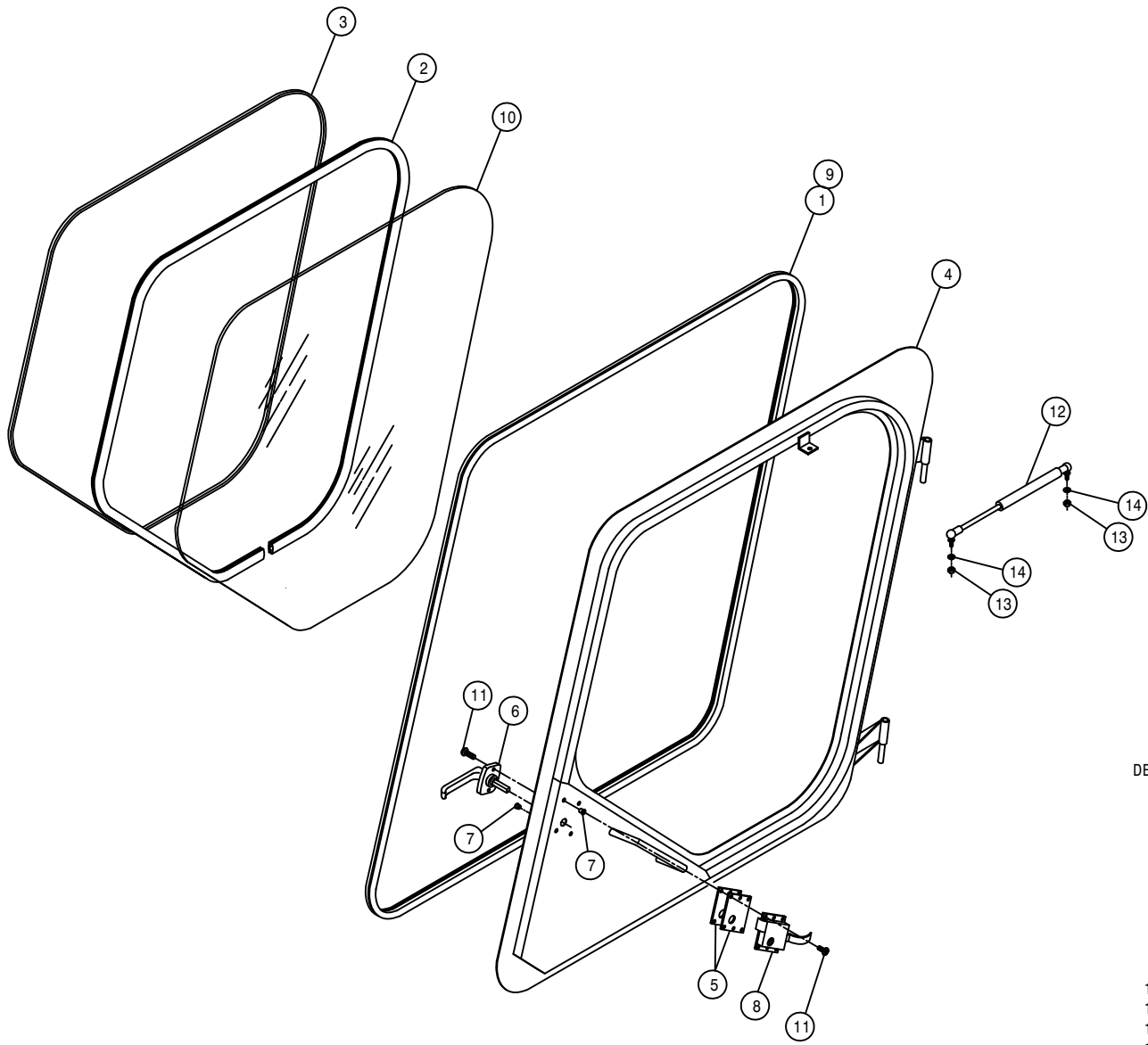
DET.	QTY	PART NO.	DESCRIPTION
1	1	501102	1/4 PIPE PLUG
2	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
3	2	504702	CLOSE NIPPLE .75NPT
4	2	504955	BLK PIPE TEE .75NPT
5	1	505203	BLK PIPE NIPPLE 1.00NPT-4.00
6	1	505213	RED BUSH 1 X 3/4 BLK MAL
7	4	505300	BLK PIPE EL 90DEG 1.00NPT
8	1	506303	BLK PIPE EL 90DEG 1.25NPT
9	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2
10	1	605600	MICHIGAN RESERVOIR FILTER
11	1	605601	GRESEN FILTER 10 MICRON 40GPM
12	2	605603	LINE SUMP DIFFUSER
13	1	611052	FILLER BREATHER 3/4NPT
14	1	614453	DIPSTICK, 8IN
15	1	618018	9/16MJIC-1/2MNPT ADPTR
16	3	618486	9/16FJIC SW RUN TEE-9/16MJIC
17	1	713220	HOSE BARB 3/4 NPT X 3/4
18	2	714560	1NPT X 1 HOSE BARB
19	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
20	1	760090	RECEIVER PLT WLD 8240
21	1	760097	OIL TANK WLD 8240 1982
22	1	763039	HYD MTR MTG PLT GSKT
23	12	900064	5/16UNC X 3/4 HEX BOLT
24	12	920001	5/16 SAE FLAT WASHER
25	2	341360	OIL TANK STRAP WLD 8240 1982
26	4	914004	3/8UNC HEX STOVER NUT
27	2	520138	1.38/1.56 T-BOLT HOSE CLAMP
28	1	605602	FILT ELEMENT 10MICRON 40GPM
29	1	506410	BLK PIPE ST EL 90DEG 1.25NPT
30	1	520137	1.19/1.37 T-BOLT HOSE CLAMP
31	1	520132	1.62/1.87 T-BOLT HOSE CLAMP SS
32	1	504001	RED BUSH 3/4 X 1/4 BLK MAL
33	1	618520	1/4MNPT RUN TEE-9/16MJIC
34	1	470290	LIQUID LEVEL SWITCH, 1/2MNPT

CAB ASSEMBLY

DET. QTY PART NO. DESCRIPTION

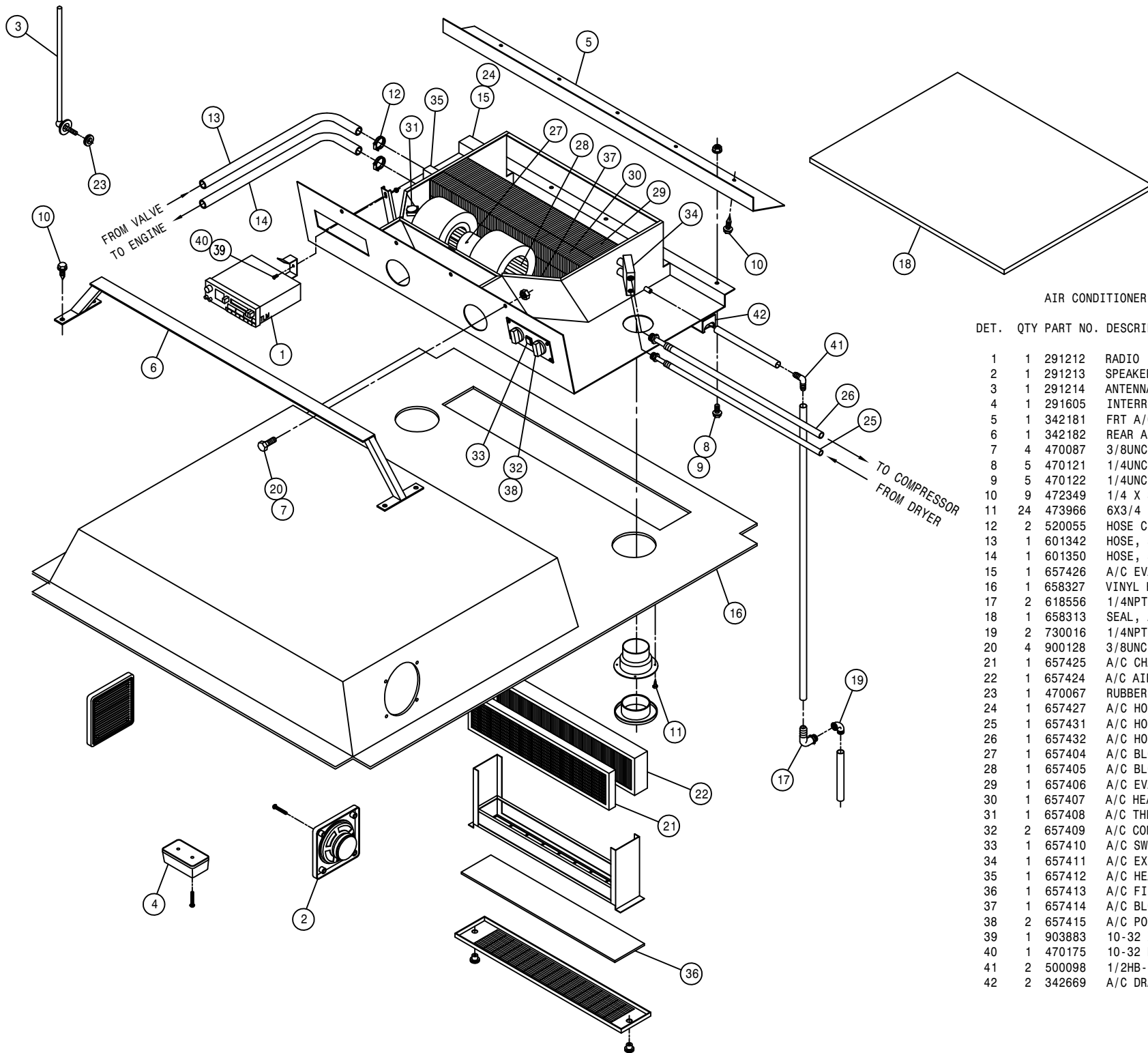
DET.	QTY	PART NO.	DESCRIPTION
1	1	290107	GROUND CABLE,8" X 4GA .406LUGS
2	4	311051	RUBBER MOUNT, RB3-350
3	4	311052	SNUBBING WASHER FOR 311051
4	24	193037	STICKERTITE 1/8 X 3/4
5	25	193044	WINDOW WEATHERSTRIP 94
6	25	193045	LOCK STRIP FOR 193044 94
7	13	192001	FILLR STRIP FOR WEATHERSTRIP
8	13	193018	2 P/C SELF SEAL WEATHERSTRIP
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	RUBBER GROMMET 1/4 ID
19	2	470070	RUBBER GROMMET 3/8 ID
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 REAR VIEW MIRROR
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	WORKLAMP, SIDE MT 12V HALOGEN
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
51	1	290003	WINDSHIELD WASHER NOZZLE KIT
52	1	291569	3/8 X 6" HEAT SHRINK TUBE

*NOTE: DETAILS 18,51,52 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 94
3	9	193045	LOCK STRIP FOR 193044 94
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

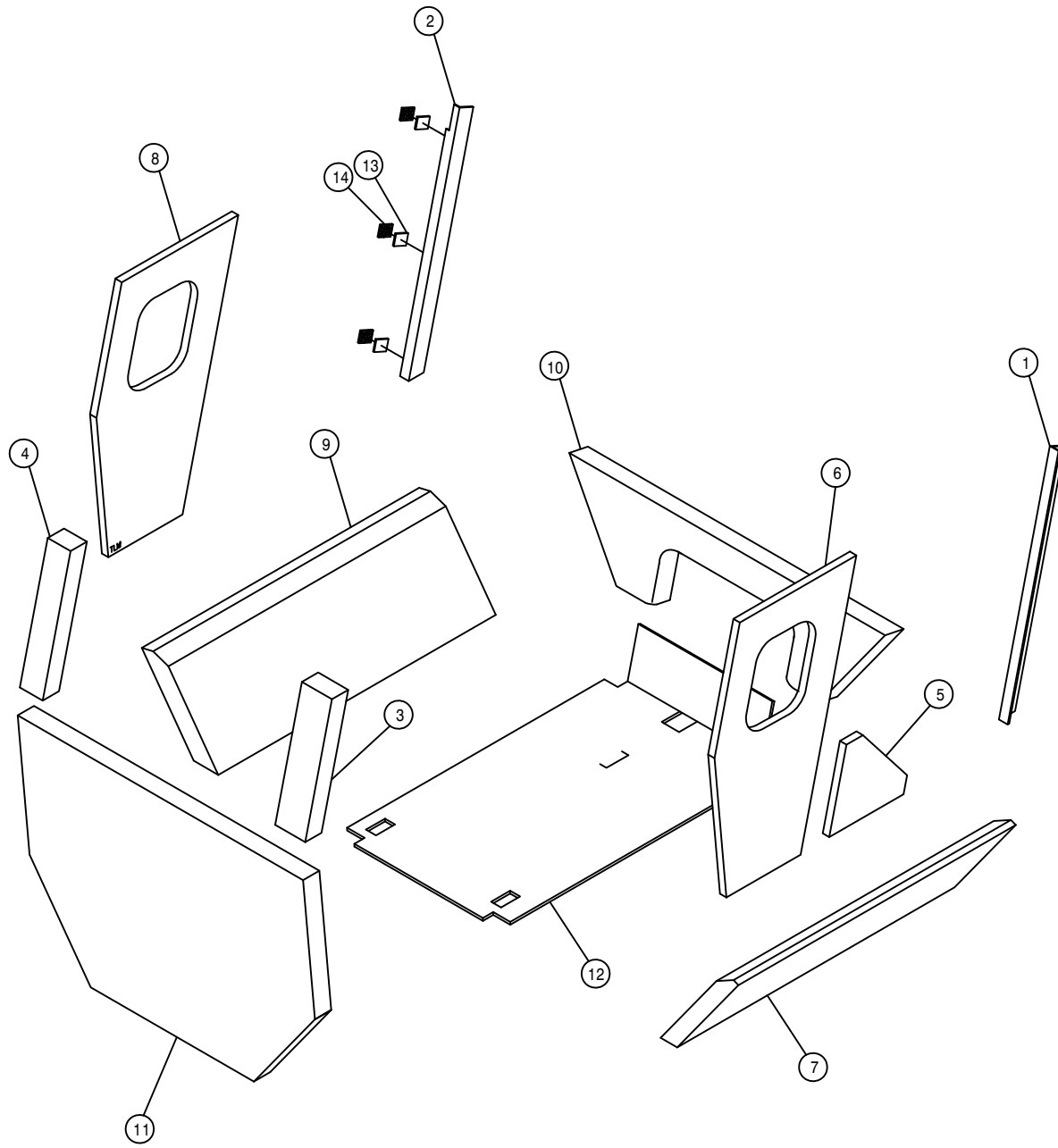


AIR CONDITIONER ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
	1	291212	RADIO	94
	2	291213	SPEAKERS (PAIR)	94
	3	291214	ANTENNA	94
	4	291605	INTERIOR LIGHT W/SWITCH	
	5	342181	FRT A/C BLOWER MT ANG, CAB	94
	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 MCC	
	16	658327	VINYL HEAD LINER	99
	17	618556	1/4NPT-90-1/2 HOSE BARB,POLY	
	18	658313	SEAL, AIR CONDITIONER	94
	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	MCC
	22	657424	A/C AIR FILTER	MCC
	23	470067	RUBBER GROMMET 1/4 ID	
	24	657427	A/C HOSE KIT, EVAP 284, 99	MCC
	25	657431	A/C HOSE ASSY, 5/16 X 173	MCC
	26	657432	A/C HOSE ASSY, 1/2 X 190.	MCC
	27	657404	A/C BLOWER MOTOR, 12V	MCC
	28	657405	A/C BLOWER WHEEL W/CLIP	MCC
	29	657406	A/C EVAPORATOR COIL	MCC
	30	657407	A/C HEATER COIL	MCC
	31	657408	A/C THERMOSTAT	MCC
	32	657409	A/C CONTROL KNOB	MCC
	33	657410	A/C SWITCH, PUSH ON-OFF	MCC
	34	657411	A/C EXPANSION VALVE	MCC
	35	657412	A/C HEATER VALVE,MOTORIZED	MCC
	36	657413	A/C FILTER, RECIRCULATION	MCC
	37	657414	A/C BLOWER DRIVE ASSY	MCC
	38	657415	A/C POTENTIOMETER ASSY	MCC
	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	

30

202030



CAB FOAM

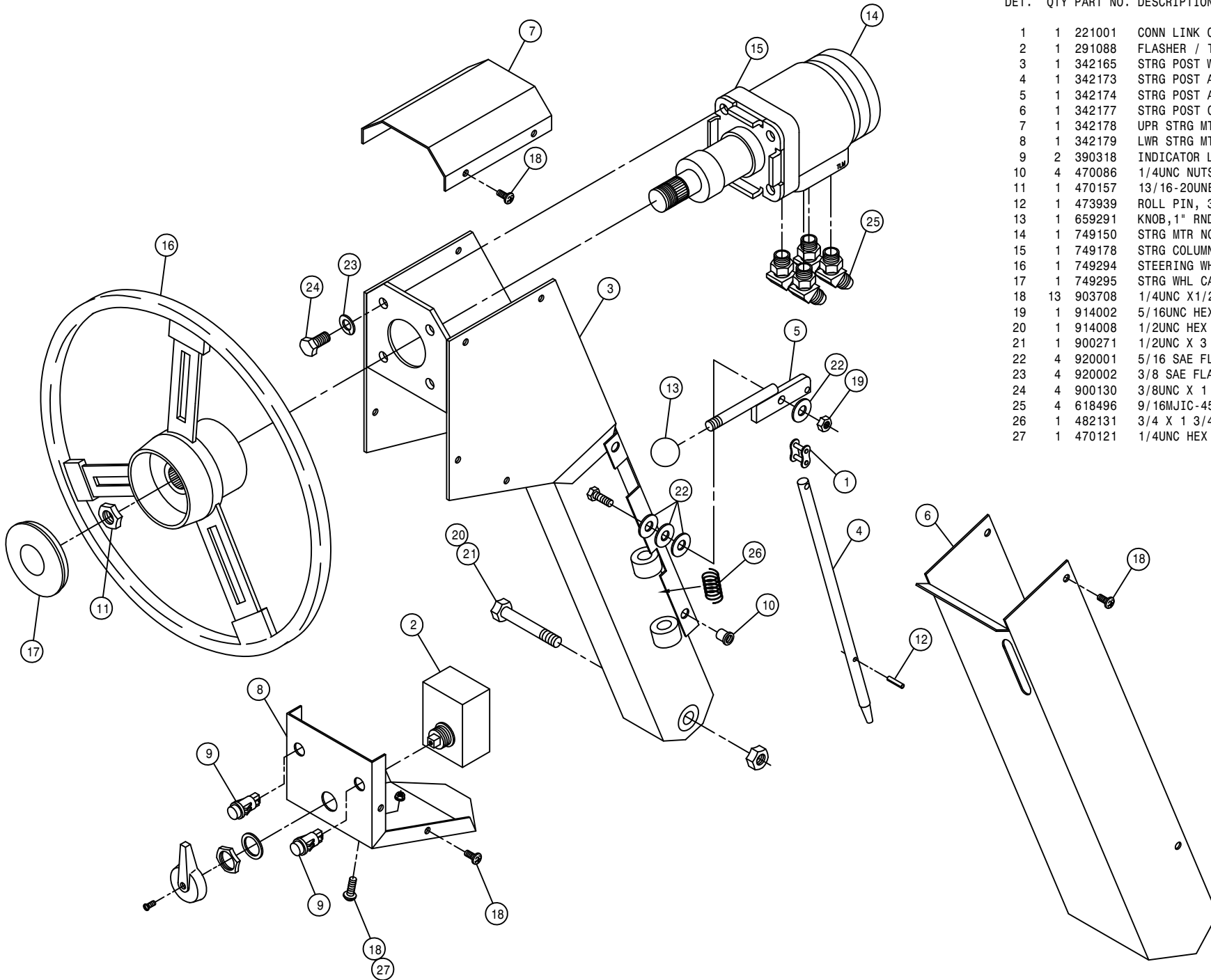
DET. QTY PART NO. DESCRIPTION

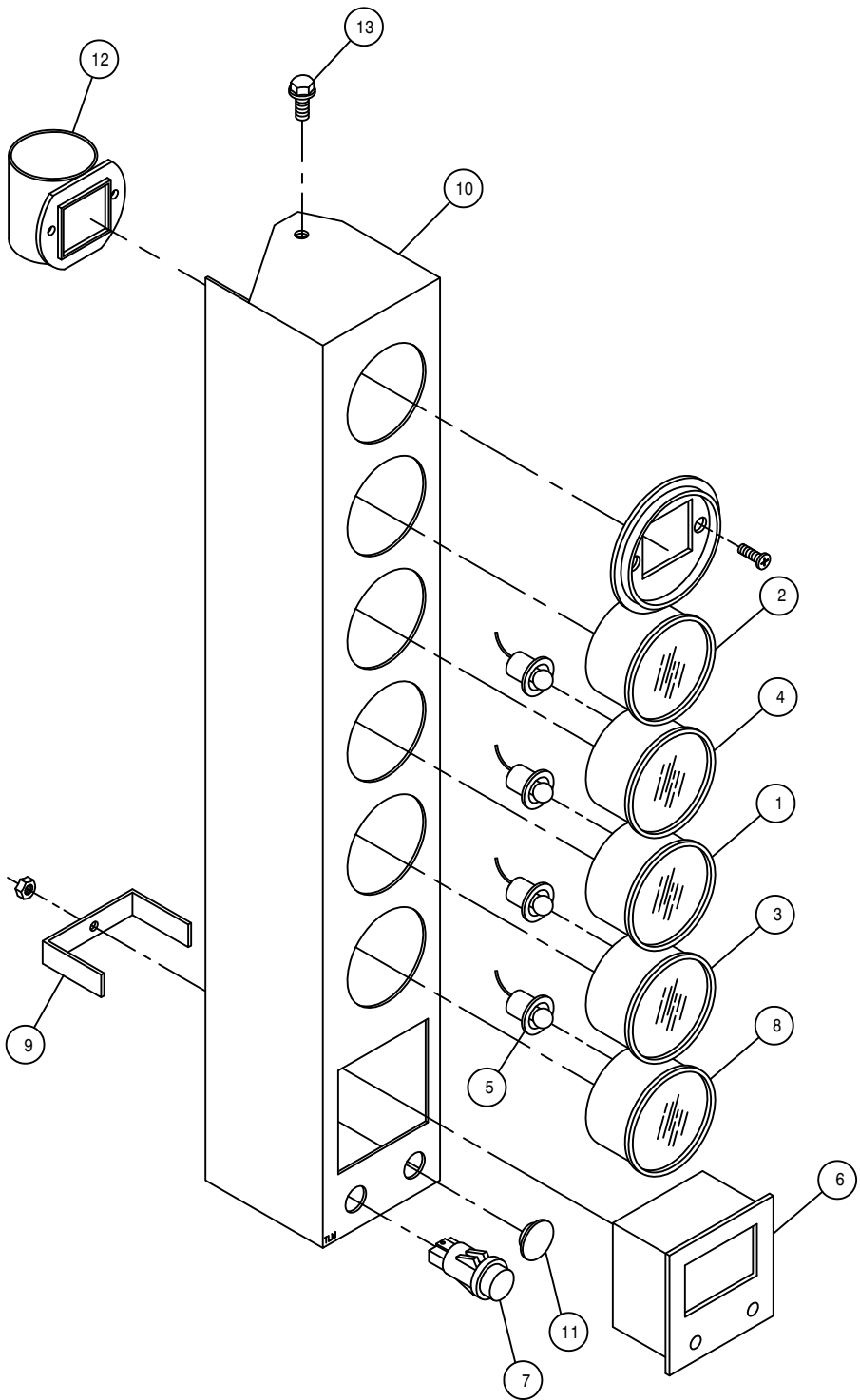
1	1	658301	VINYL POST COVER, RH FRONT 94
2	1	658302	VINYL POST COVER, LH FRONT 94
3	1	658303	VINYL POST COVER, RH REAR 94
4	1	658304	VINYL POST COVER, LH REAR 94
5	1	658305	VINYL SIDE PANEL, RH 94
6	1	658306	VINYL SIDE PANEL, RH UPPER 94
7	1	658307	VINYL SIDE PANEL, RH LOWER 94
8	1	658308	VINYL SIDE 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

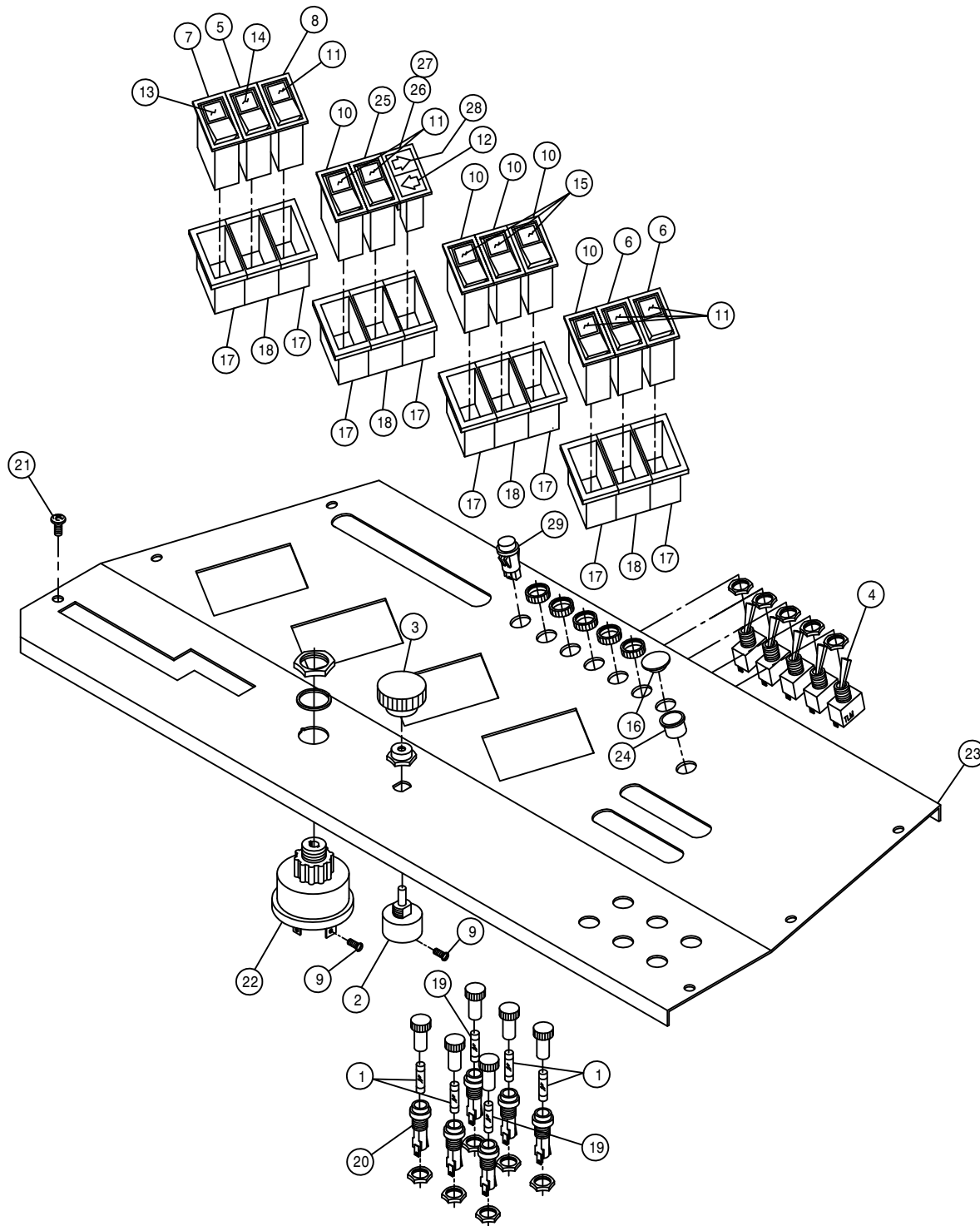
DET.	QTY	PART NO.	DESCRIPTION
1	1	221001	CONN LINK CLIP TYPE RC50
2	1	291088	FLASHER / TURN SIGNAL SWITCH
3	1	342165	STRG POST WLD, 284 CAB 94
4	1	342173	STRG POST ADJ PIN, 284 CAB 94
5	1	342174	STRG POST ADJ PIN LEVER WLD94
6	1	342177	STRG POST COVER, 284 CAB 94
7	1	342178	UPR STRG MTR HSNG COVER 94
8	1	342179	LWR STRG MTR HSNG 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





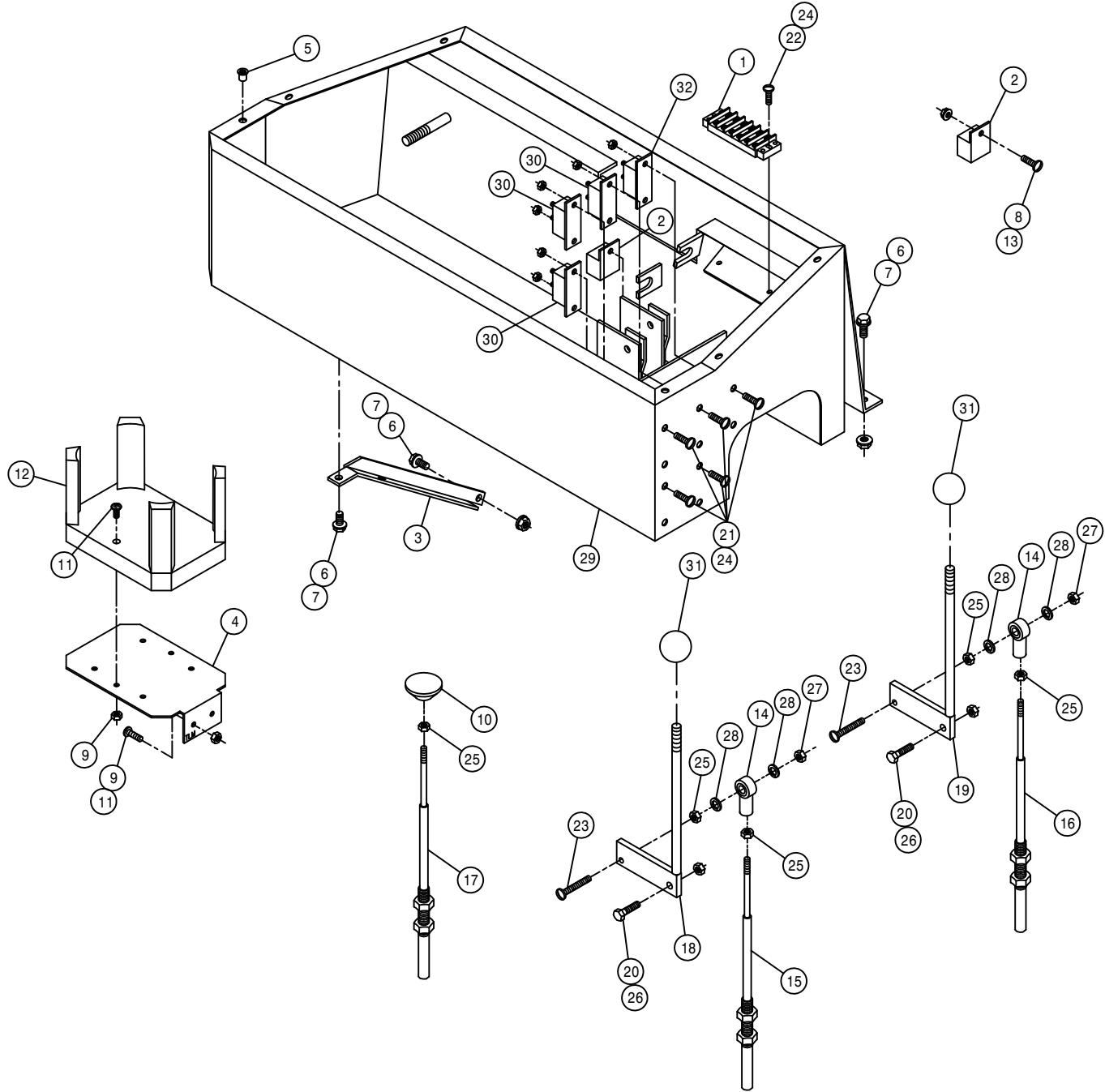
INSTRUMENT PANEL ASSEMBLY

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



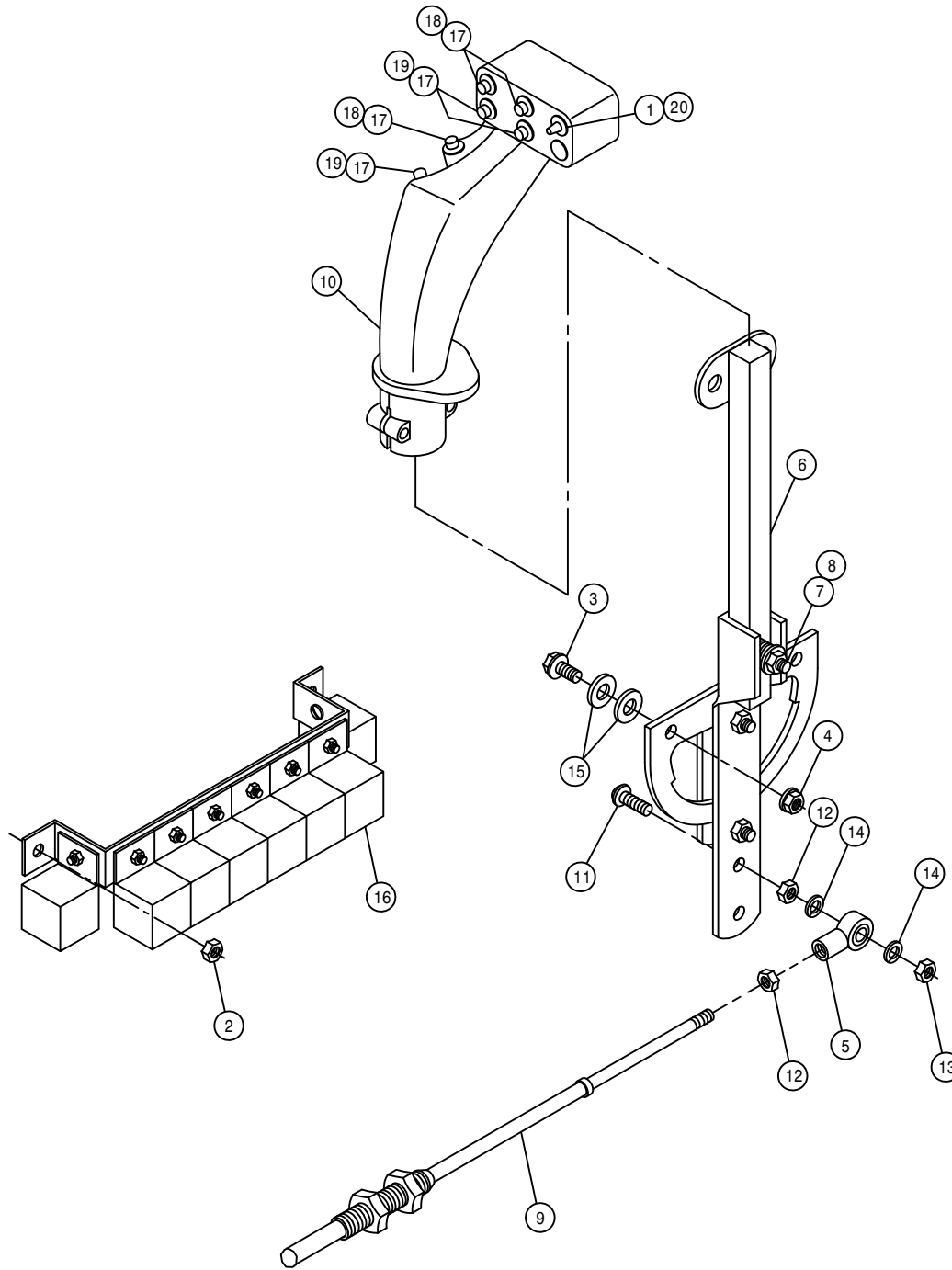
CONSOLE PANEL ASSEMBLY

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
	12	1	291687 DIRECTION ARROW LENS, LH, YELLOW
	13	1	291630 LENS, WINDSHIELD WASHER
	14	1	291631 LENS, HAZARD
	15	3	291632 LENS, DIRECTION INDICATOR
	16	1	658174 RUBBER BUMPER, 1.0000D .500GD
	17	8	293246 END BEZEL
	18	4	293247 CENTER BEZEL
	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	2	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	9	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	11	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	3	291197	CIRCUIT BREAKER,30AMP,INLINEMT
31	2	659291	KNOB,1" RND,BLK, 3/8-16
32	1	291024	CIRCUIT BREAKER,40AMP,INLINEMT



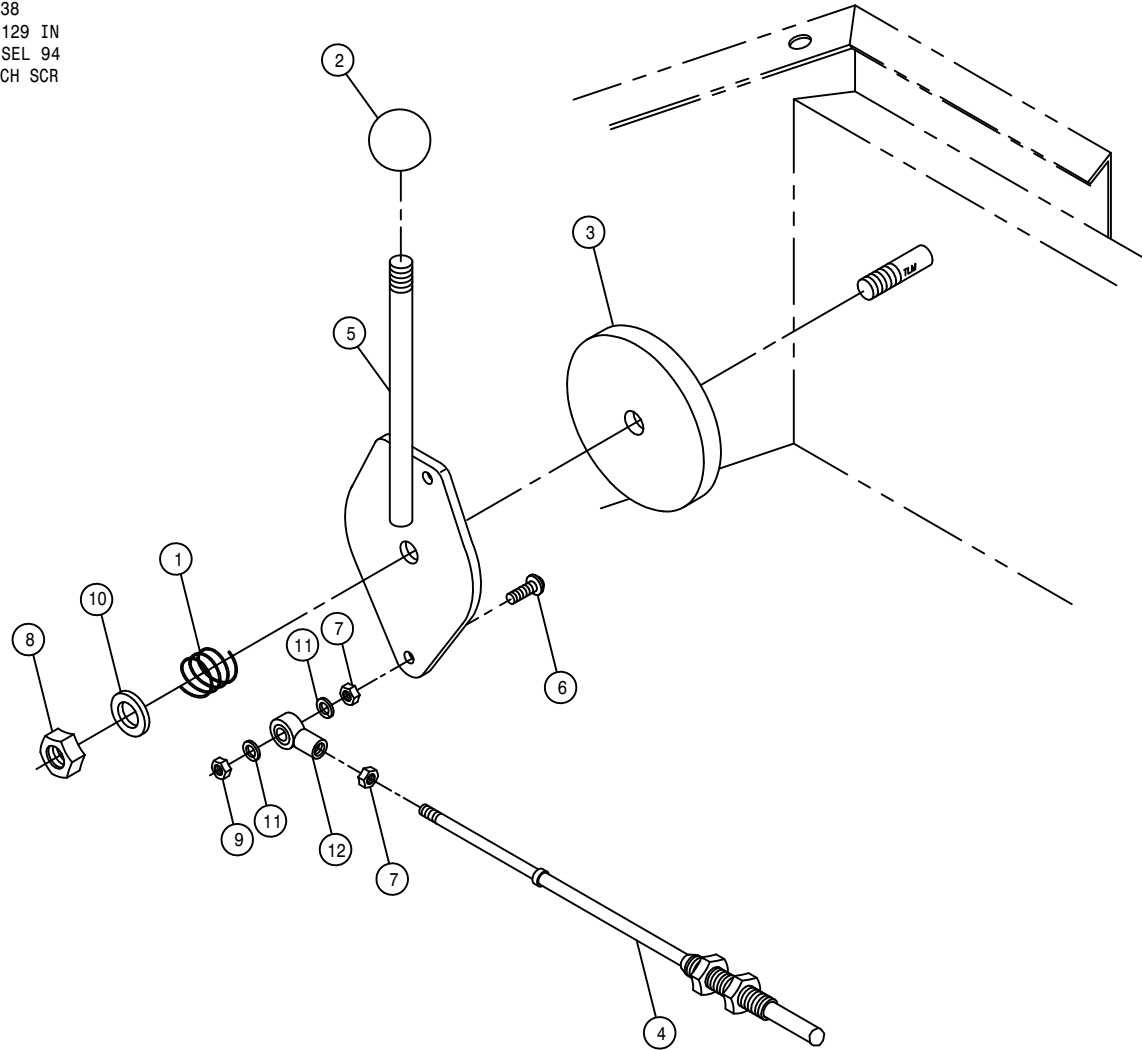
HYDROSTATIC LEVER ASSEMBLY

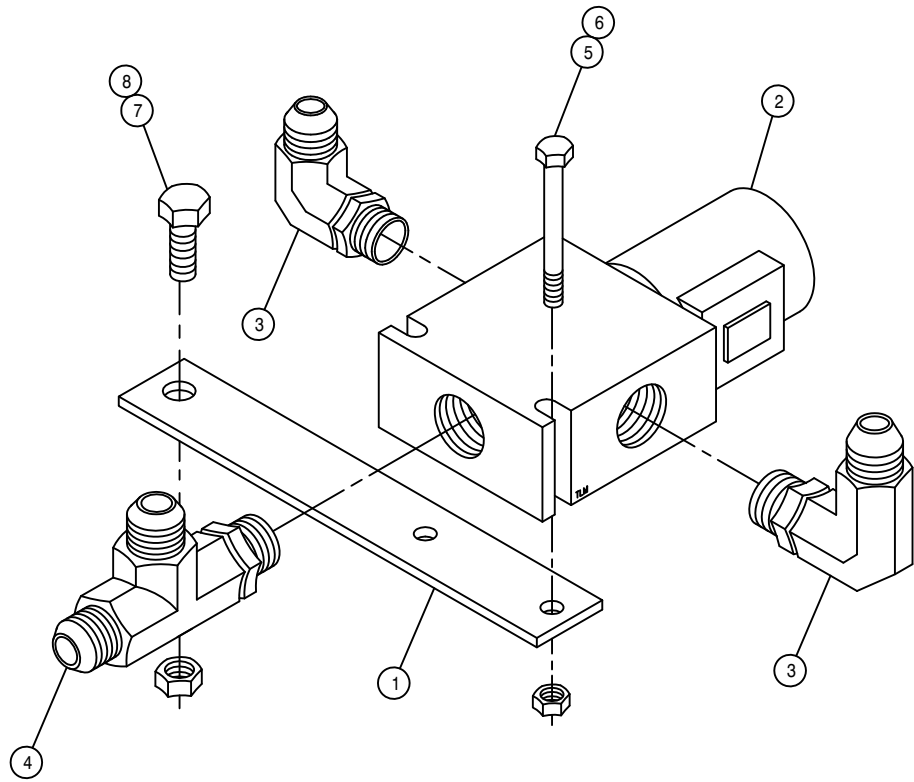
DET.	QTY	PART NO.	DESCRIPTION
	1	291653	SWITCH, TOG SPDT 3POS STAT
	2	470175	10-32 HEX FLANGE LOCK NUT
	2	470118	1/4UNC X 3/4 FLANGE HEX BOLT
	2	470121	1/4UNC HEX FLANGE LOCK NUT
	1	473921	BALL JOINT NO 10-32 THD
	1	606907	HYDST CTRL LEVER ASSY 204-284
	1	900005	1/4UNC X 1 1/2 HEX BOLT
	1	914000	1/4UNC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

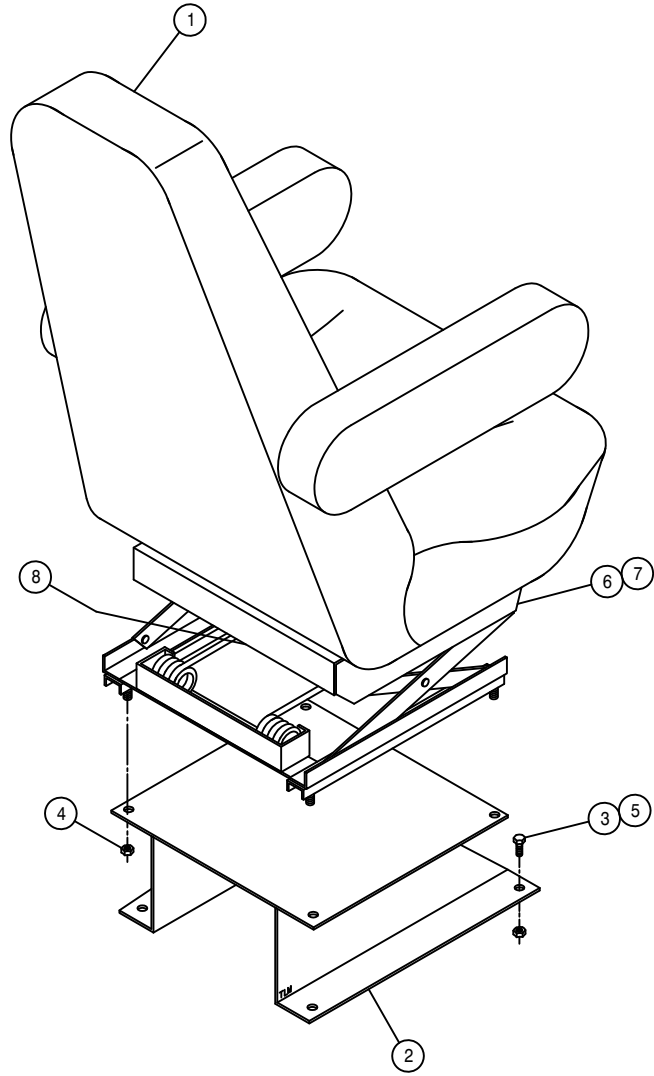




BRAKE SOLENOID ASSEMBLY

DET. QTY PART NO. DESCRIPTION

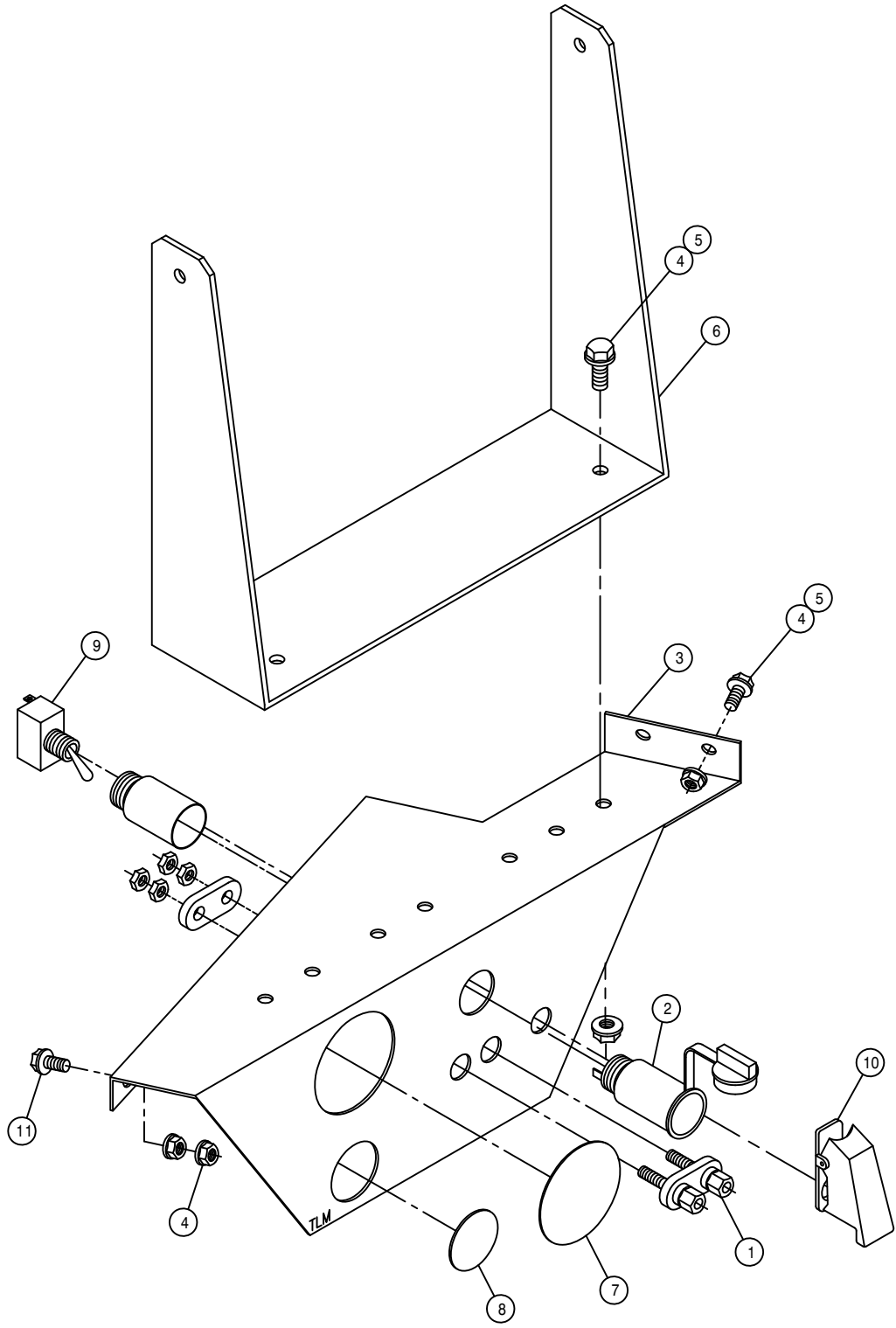
DET.	QTY	PART NO.	DESCRIPTION	
1	1	342332	PARK BRAKE SOL VLV MT	97
2	1	610318	HYD SOLE VLV, 2P-3W, 9/16FOR, 12V	
3	2	618119	9/16MJIC-90-9/16MOR LBO	
4	1	618444	9/16MOR RUN TEE-9/16MJIC	
5	2	900006	1/4UNC X 1 3/4 HEX BOLT	
6	2	914000	1/4UNC HEX STOVER NUT	
7	1	900129	3/8UNC X 1" HEX BOLT	
8	1	914004	3/8UNC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



SEAT ASSEMBLY

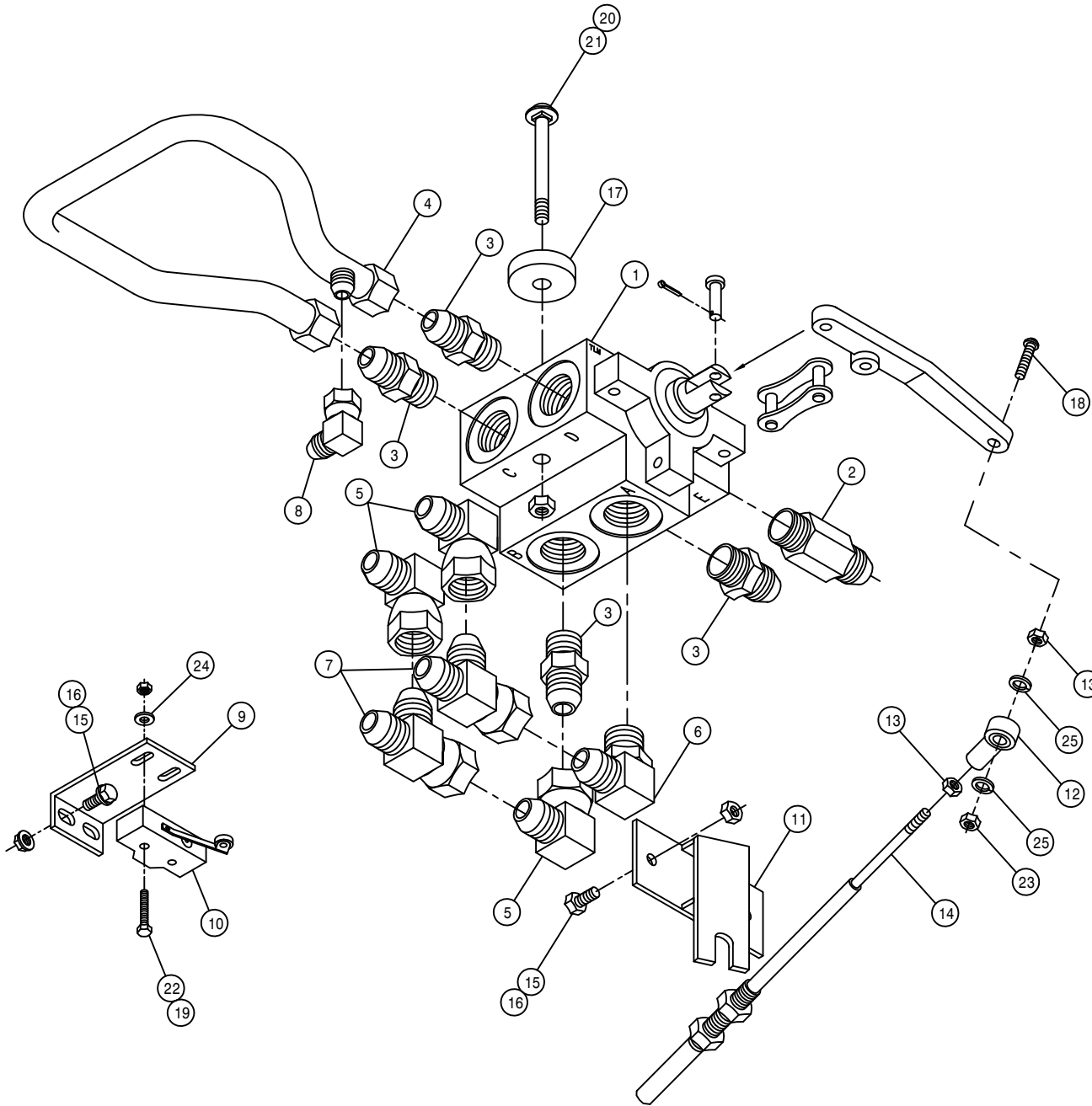
DET. QTY PART NO. DESCRIPTION

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

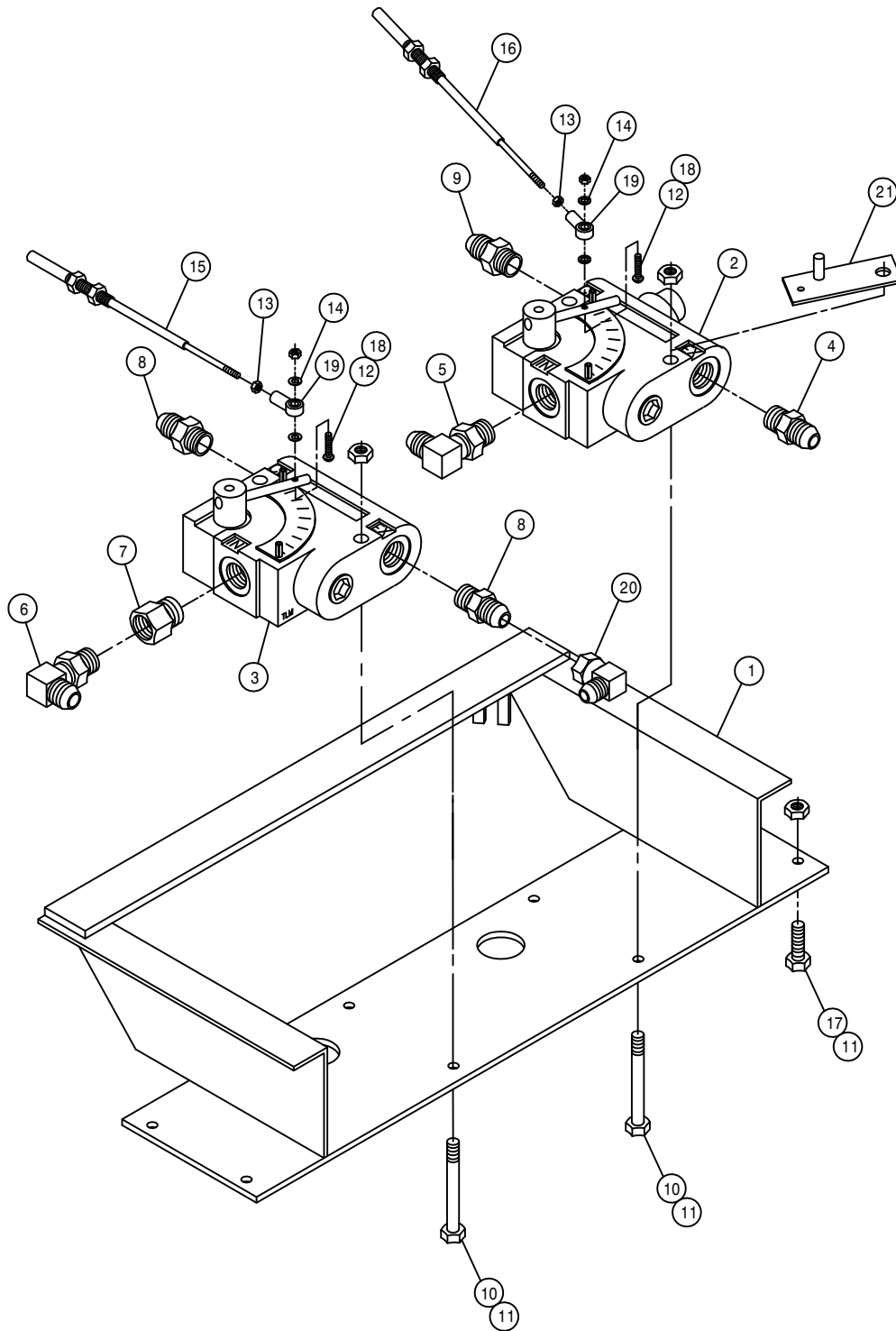
DET.	QTY	PART NO.	DESCRIPTION	
	1	291647	DUAL BINDING POSTS	
	1	291648	POWER POINT RECEPTACLE	
	1	342215	MONITOR MT, 284 CAB	94
	7	470121	1/4UNC HEX FLANGE LOCK NUT	
	5	470122	1/4UNC X 1/2 FLANGE HEX BOLT	
	1	690498	CONSOLE MT, RAVEN 460	95
	1	629728	FINISH PLUG FOR 2.12 HOLE	
	1	629730	FINISH PLUG FOR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



FOUR-WHEEL DRIVE SELECTOR VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

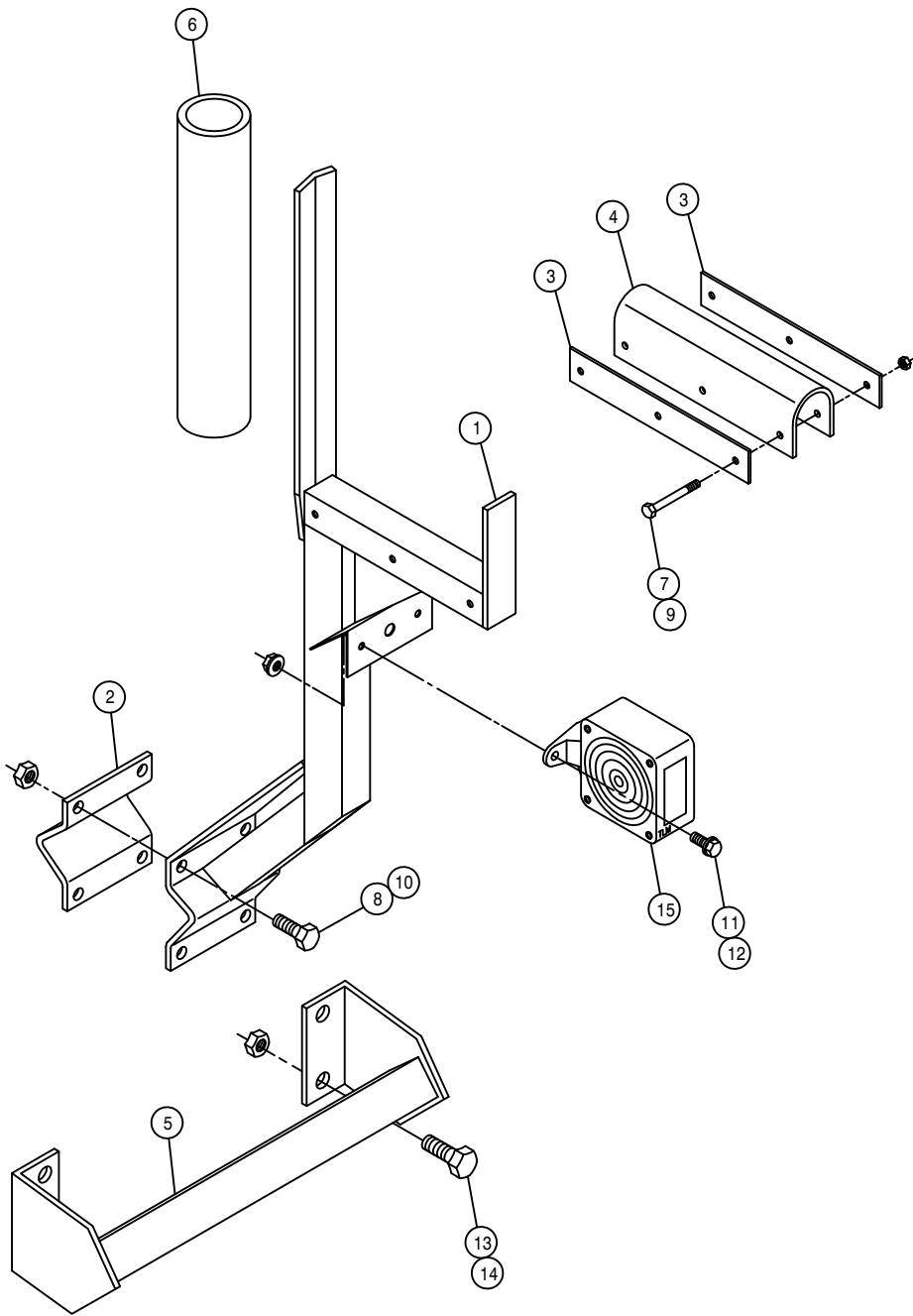
1	1	606003	GRESEN SELECTOR VALVE DS-12
2	1	607527	FLOW CTRL VALVE,32GPM IN-LINE
3	4	611127	1 1/16MJIC-1 1/16MOR ADPTR
4	1	614290	FWD UTUBE 472 P/C 1977 18WHMT
5	3	618191	1 1/16MJ-90-1 1/16FJ SWIV LBO
6	1	618248	1 1/16MJIC-90-1 1/16MOR LBO
7	2	618487	1 1/16FJ SW RUN TEE-1 1/16MJ
8	1	618618	9/16MJIC-90-9/16FJIC SWIV LBO
9	1	291646	TRACT VLV MICRO SWITCH MT
10	1	293006	MICRO SWITCH #BZ-2RL25551-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 1/8 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

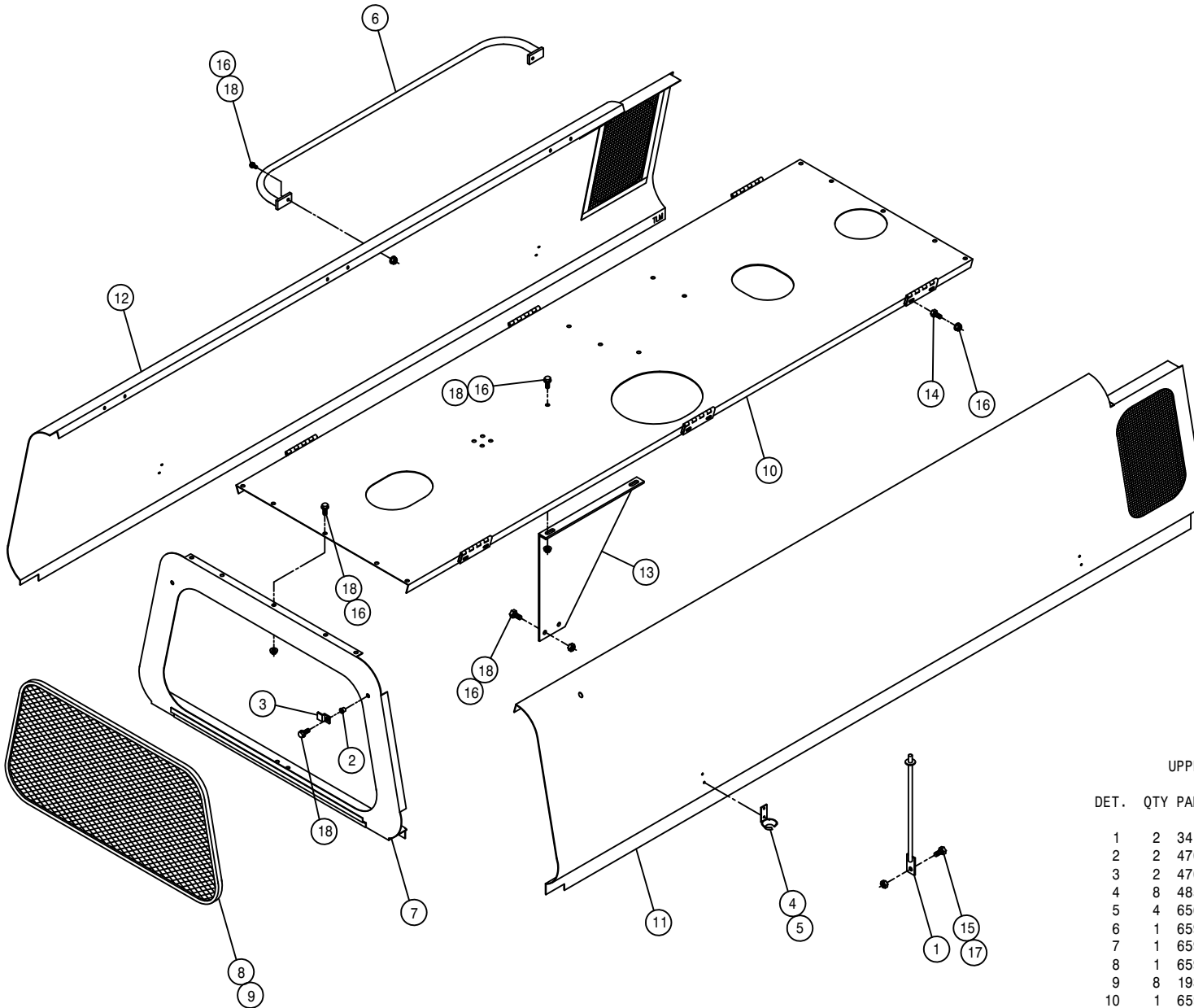
1	1	342209	SOLU VFC MT WLD	94
2	1	606818	FLO CONT FCR51 0-16GPM 7/8FOR	
3	1	606827	FLO CONT FC51 0-3 VARI 7/8FOR	
4	1	611126	7/8MJIC-7/8MOR ADPTR	
5	1	611128	7/8MJIC-90-7/8MOR LBO	
6	1	618119	9/16MJIC-90-9/16MOR LBO	
7	1	618172	7/8MOR-9/16FOR ADPTR	
8	2	618310	9/16MJIC-7/8MOR ADPTR	
9	1	618327	3/4MJIC-7/8MOR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



BOOM CRADLE ASSEMBLY

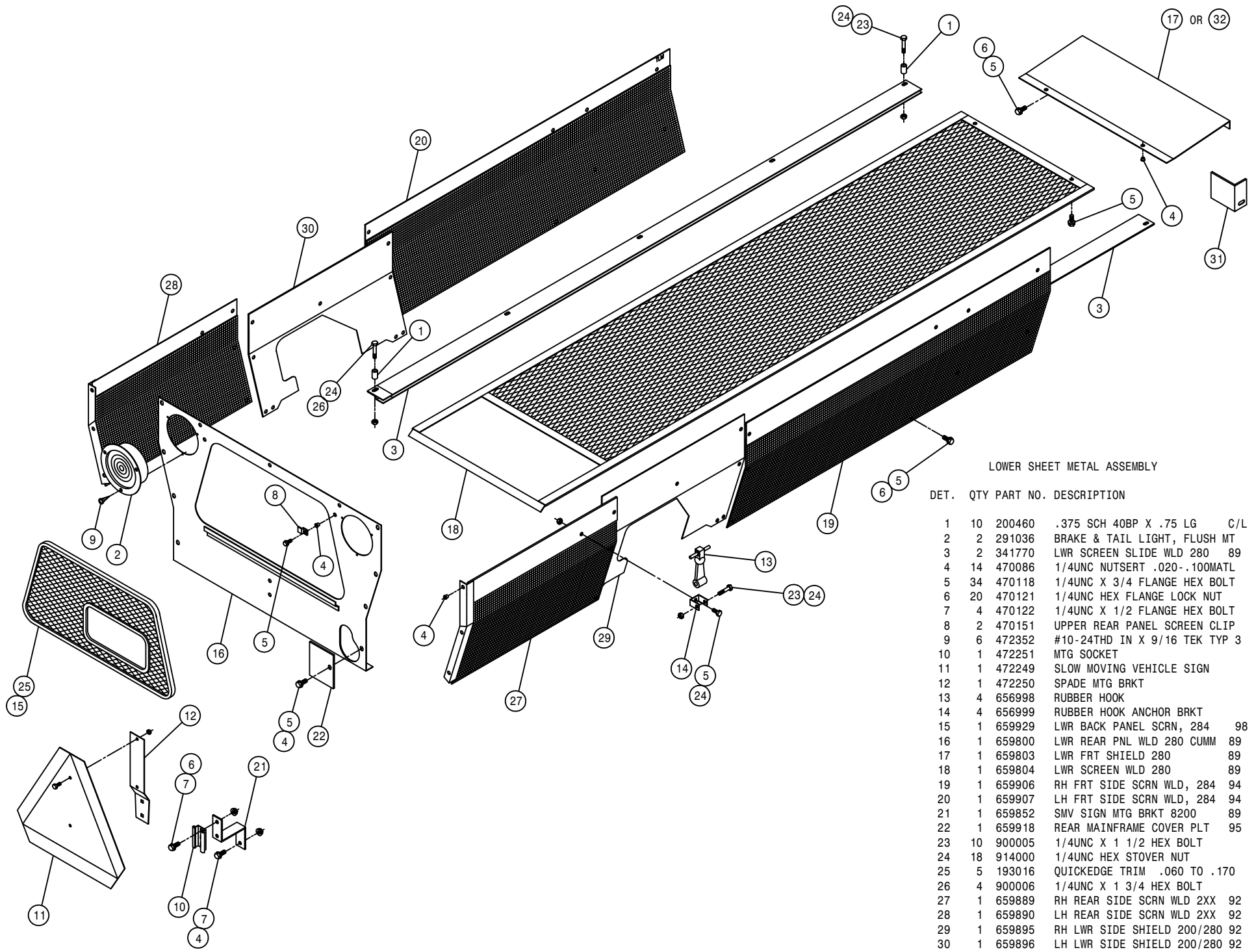
DET.	QTY	PART NO.	DESCRIPTION	
1	2	164245	BOOM CRADLE WLD	96
2	2	164253	BOOM CRADLE V-PLATE KEEPER	96
3	4	164254	CRADLE CUSHION KEEPER	96
4	2	164256	BOOM CRADLE CUSHION	96
5	2	164258	BOOM CRADLE MT WLD	96
6	2	601184	HOSE, 1 1/2 X 14 2BR BLK EPDM	
7	6	900008	1/4UNC X 2 1/2 HEX BOLT	
8	8	900265	1/2UNC 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



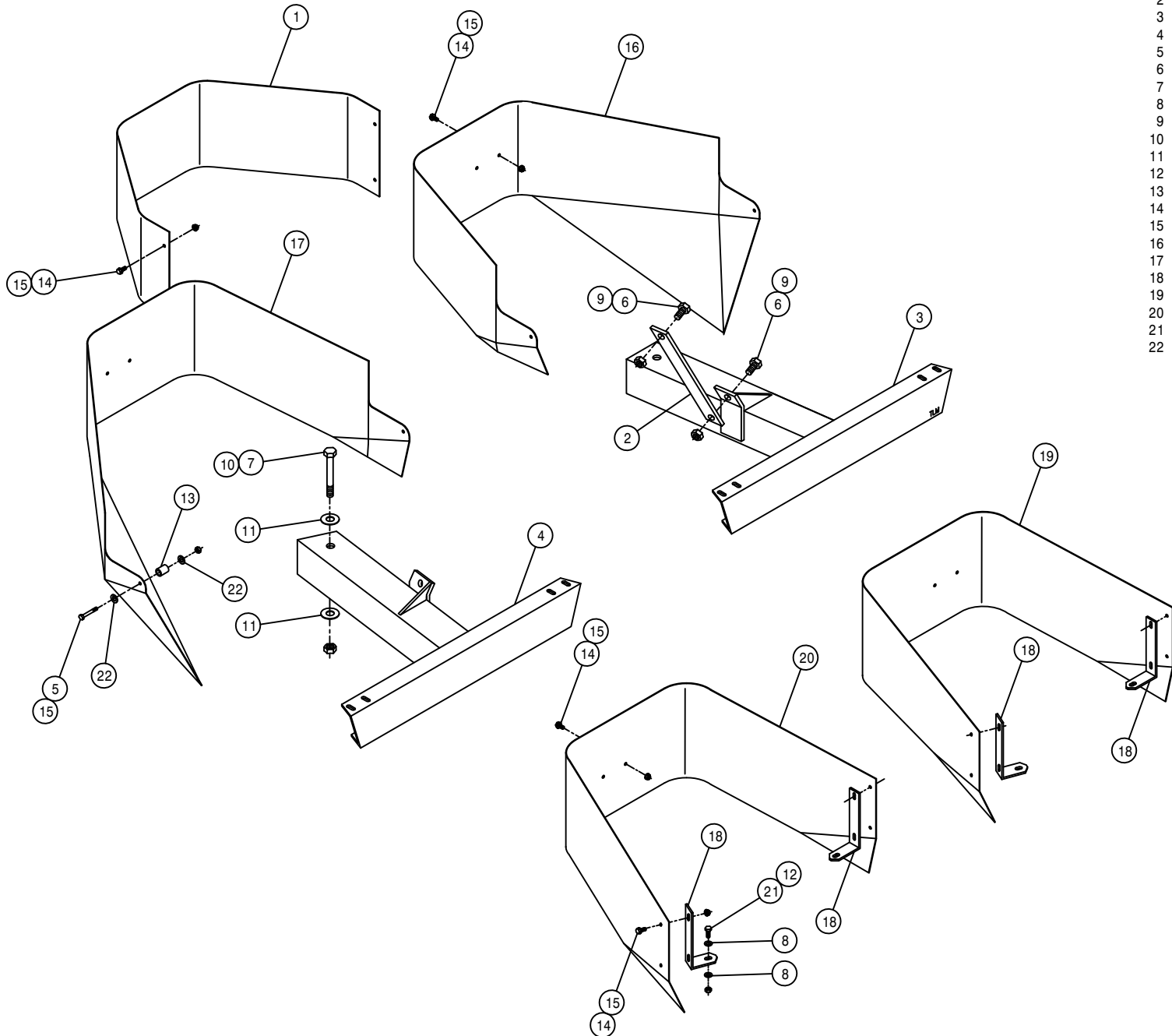
LOWER SHEET METAL ASSEMBLY

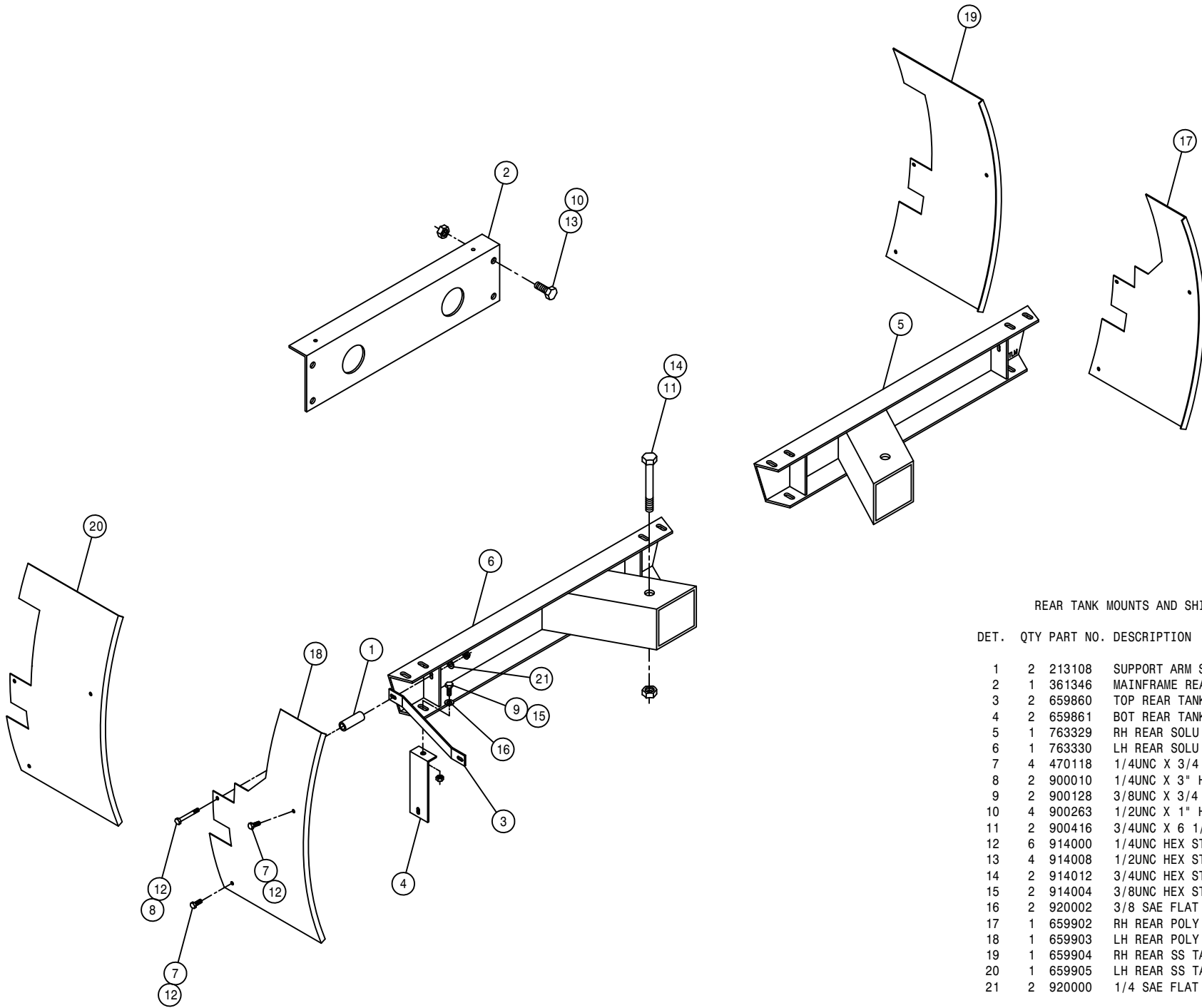
DET.	QTY	PART NO.	DESCRIPTION
1	10	200460	.375 SCH 40BP X .75 LG C/L
2	2	291036	BRAKE & TAIL LIGHT, FLUSH MT
3	2	341770	LWR SCREEN SLIDE WLD 280 89
4	14	470086	1/4UNC NUTSERT .020-.100MATL
5	34	470118	1/4UNC X 3/4 FLANGE HEX BOLT
6	20	470121	1/4UNC HEX FLANGE LOCK NUT
7	4	470122	1/4UNC X 1/2 FLANGE HEX 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 WLD, 284 94
20	1	659907	LH FRT SIDE SCR 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 WLD 2XX 92
28	1	659890	LH REAR SIDE SCR 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

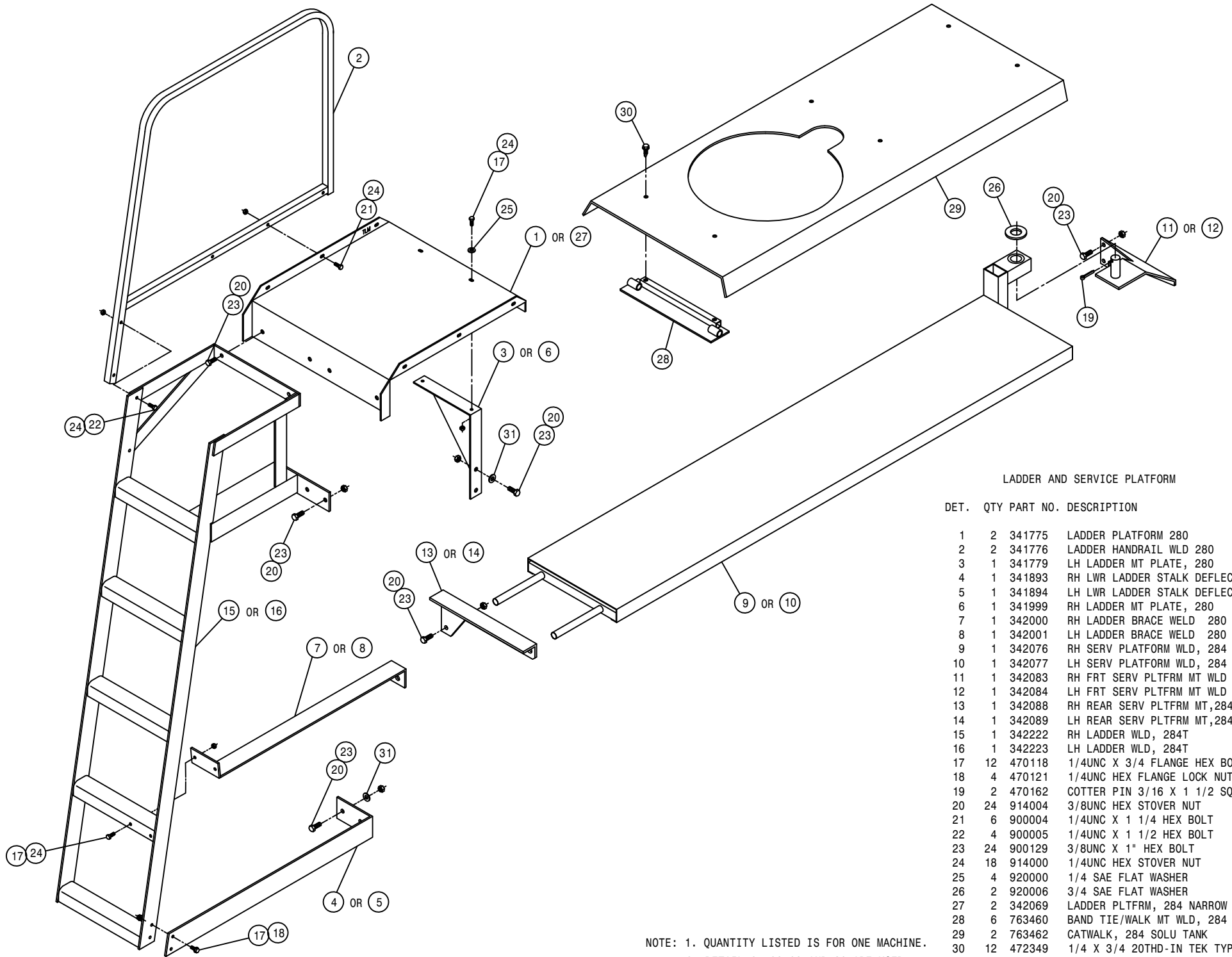
DET.	QTY	PART NO.	DESCRIPTION	
1	1	659831	LWR FRONT SHIELD 280	89
2	2	763453	TANK SUPPORT ARM, 284T	94
3	1	763447	RH FRT SOLU TANK MT WLD284	94
4	1	763448	LH FRT SOLU TANK MT WLD284	94
5	4	900006	1/4UNC X 1 3/4 HEX BOLT	
6	4	900333	5/8UNC X 1 1/2 HEX BOLT	
7	2	900416	3/4UNC X 6 1/2 HEX BOLT	
8	8	920002	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 SS TANK SHIELD 280	90
20	1	659855	LH FRT SS 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

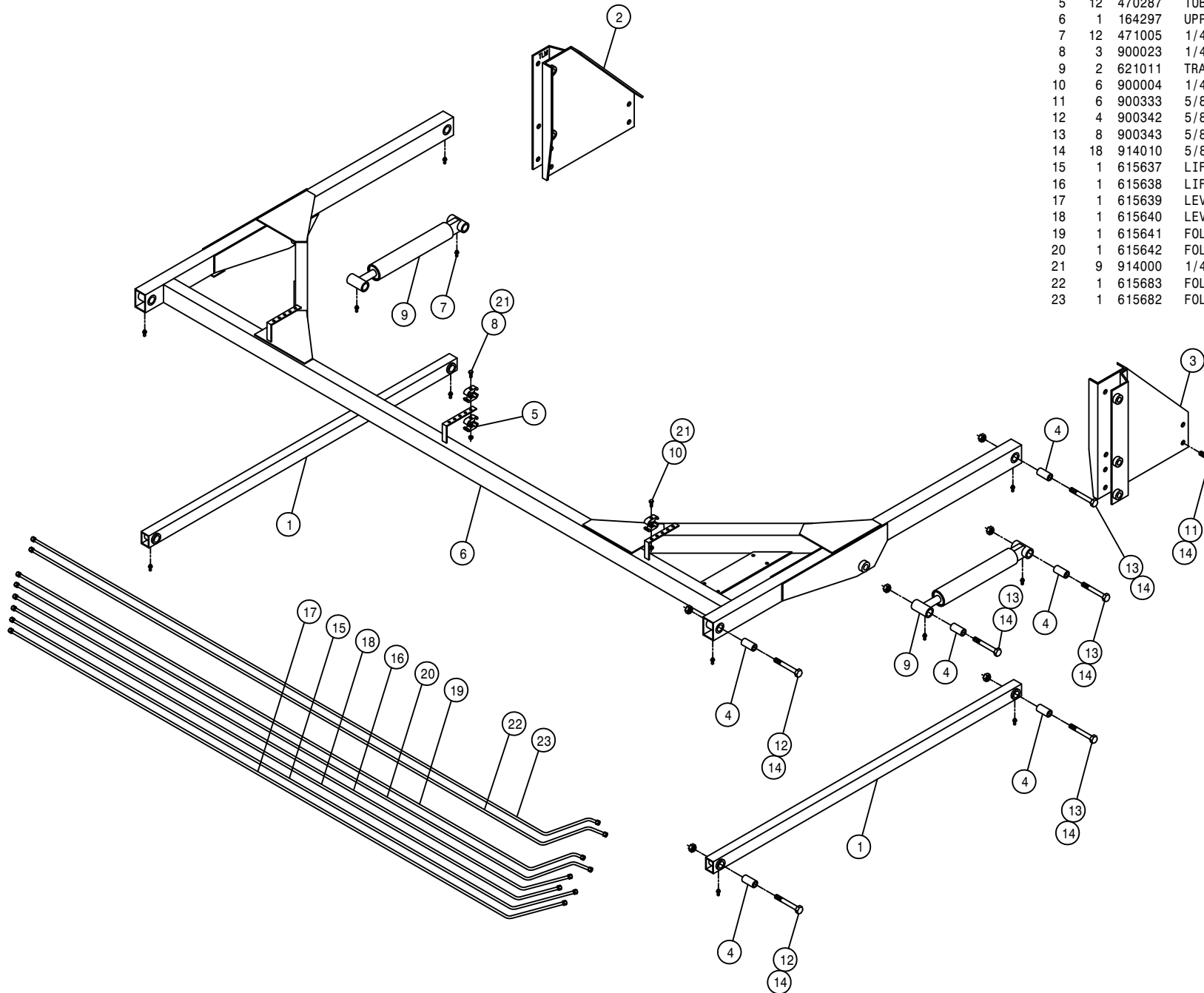
DET.	QTY	PART NO.	DESCRIPTION	
1	2	341775	LADDER PLATFORM 280	89
2	2	341776	LADDER HANDRAIL WLD 280	89
3	1	341779	LH LADDER MT PLATE, 280	89
4	1	341893	RH LWR LADDER STALK DEFLEC280	
5	1	341894	LH LWR LADDER STALK DEFLEC280	
6	1	341999	RH LADDER MT PLATE, 280	89
7	1	342000	RH LADDER BRACE WELD 280	92
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	

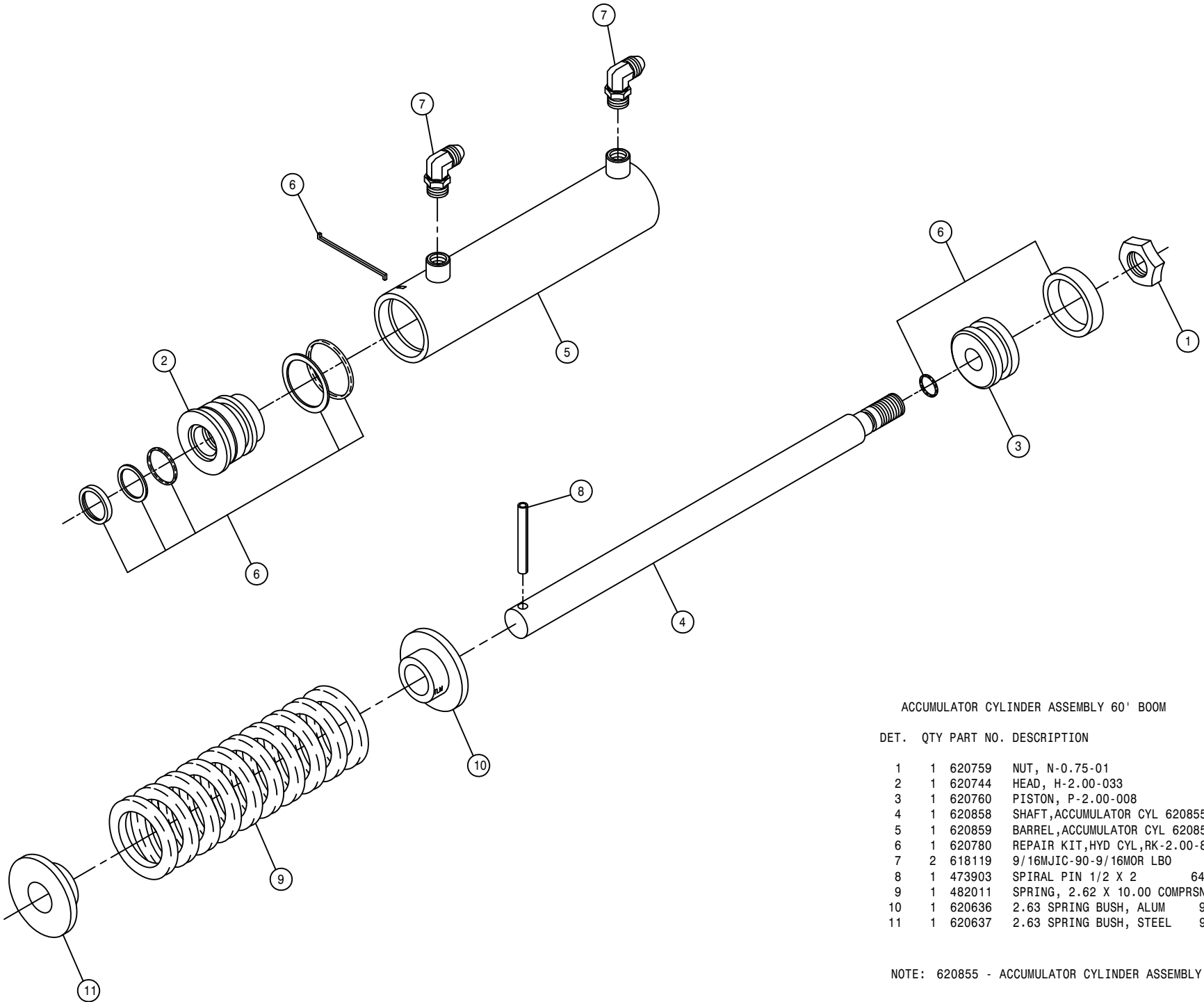
NOTE: 1. QUANTITY LISTED IS FOR ONE MACHINE.
 2. DETAIL 27,28,29 AND 30 ARE USED WITH THE NARROW TREAD OPTION.

LIFTARM ASSEMBLY

DET. QTY PART NO. DESCRIPTION

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	164297	UPPER LIFT ARM WLD, 284 97
7	12	471005	1/4 28 X 1/2 GREASE ZERK
8	3	900023	1/4UNC X 2 1/4 HEX BOLT
9	2	621011	TRANSOM LIFT CYL ASSY
10	6	900004	1/4UNC X 1 1/4 HEX BOLT
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	615637	LIFT HYD TUBE ASSY,UP 254/284
16	1	615638	LIFT HYD TUBE ASSY,DN 254/284
17	1	615639	LEVEL HYD TUBE ASSY,UP254/284
18	1	615640	LEVEL HYD TUBE ASSY,DN254/284
19	1	615641	FOLD HYD TUBE ASSY,IN 254/284
20	1	615642	FOLD HYD TUBE ASSY,OUT254/284
21	9	914000	1/4UNC HEX STOVER NUT
22	1	615683	FOLD BOOM HYD TUBE ASSY, OUT
23	1	615682	FOLD BOOM HYD TUBE ASSY, IN

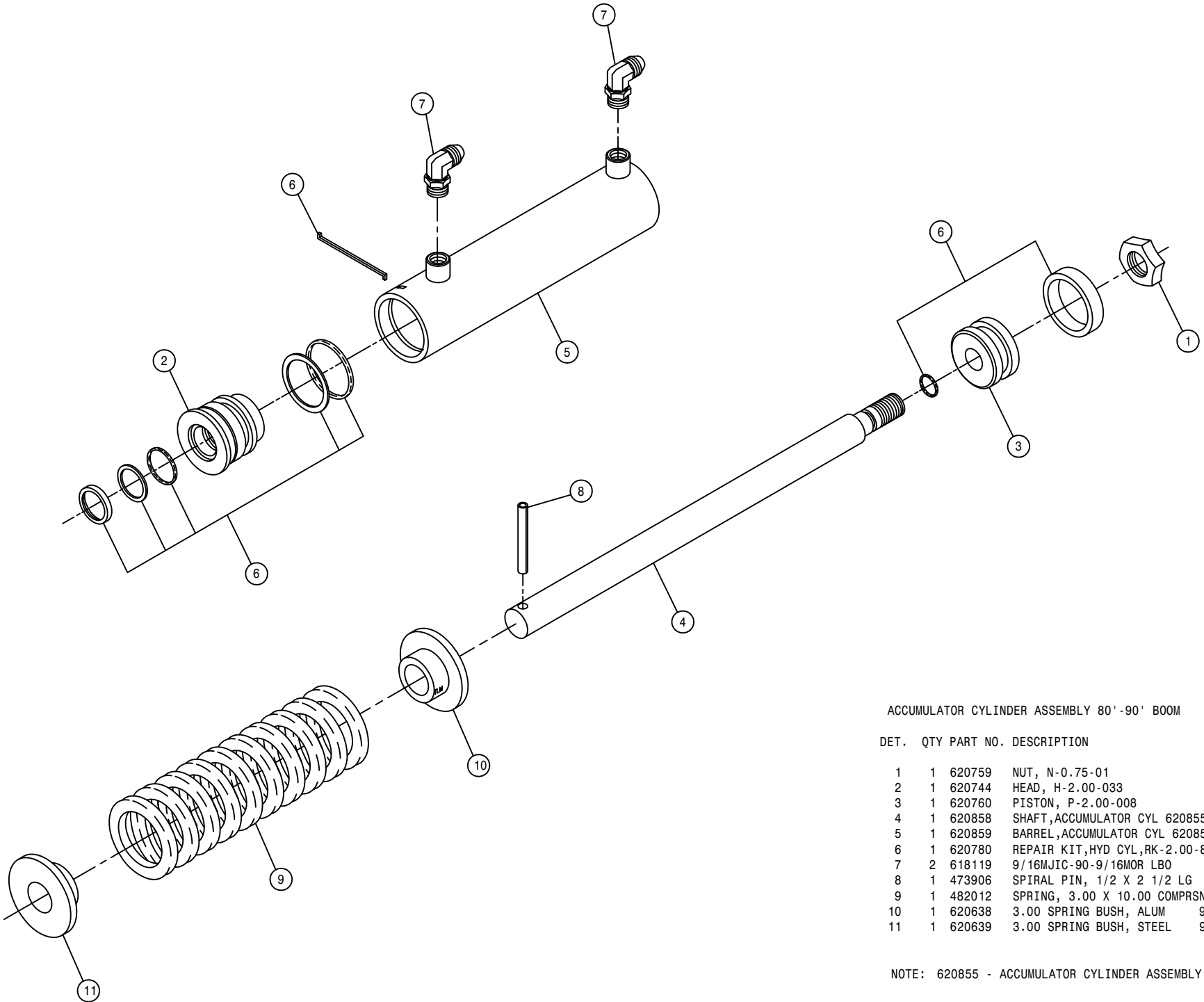




ACCUMULATOR CYLINDER ASSEMBLY 60' BOOM

DET.	QTY	PART NO.	DESCRIPTION
1	1	620759	NUT, N-0.75-01
2	1	620744	HEAD, H-2.00-033
3	1	620760	PISTON, P-2.00-008
4	1	620858	SHAFT, ACCUMULATOR CYL 620855
5	1	620859	BARREL, ACCUMULATOR CYL 620855
6	1	620780	REPAIR KIT, HYD CYL, RK-2.00-806
7	2	618119	9/16MJIC-90-9/16MOR LBO
8	1	473903	SPIRAL PIN 1/2 X 2 640
9	1	482011	SPRING, 2.62 X 10.00 COMPRSN
10	1	620636	2.63 SPRING BUSH, ALUM 96
11	1	620637	2.63 SPRING BUSH, STEEL 96

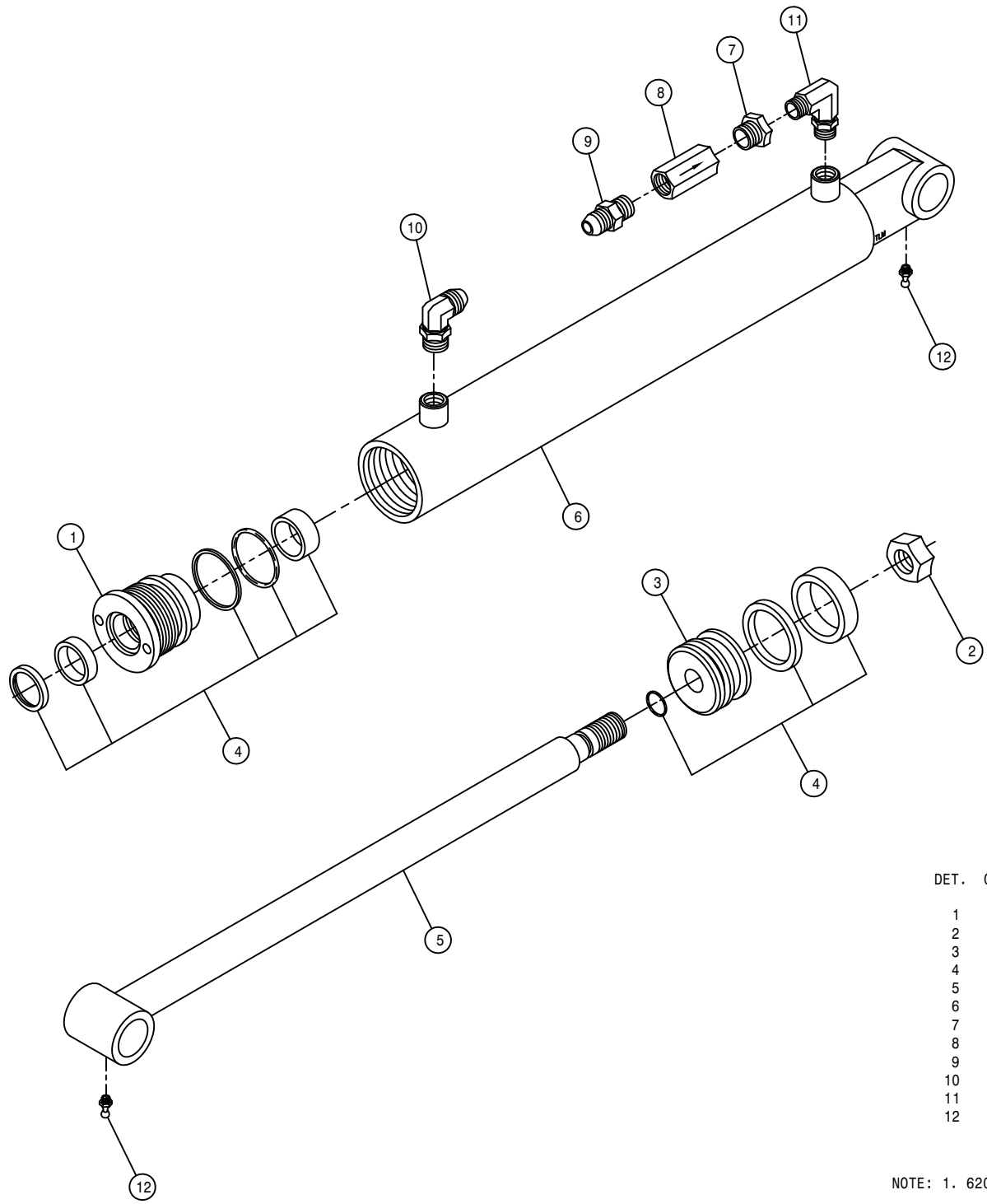
NOTE: 620855 - ACCUMULATOR CYLINDER ASSEMBLY 1-6



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 COMPRSN
	1	620638	3.00 SPRING BUSH, ALUM 96
	1	620639	3.00 SPRING BUSH, STEEL 96

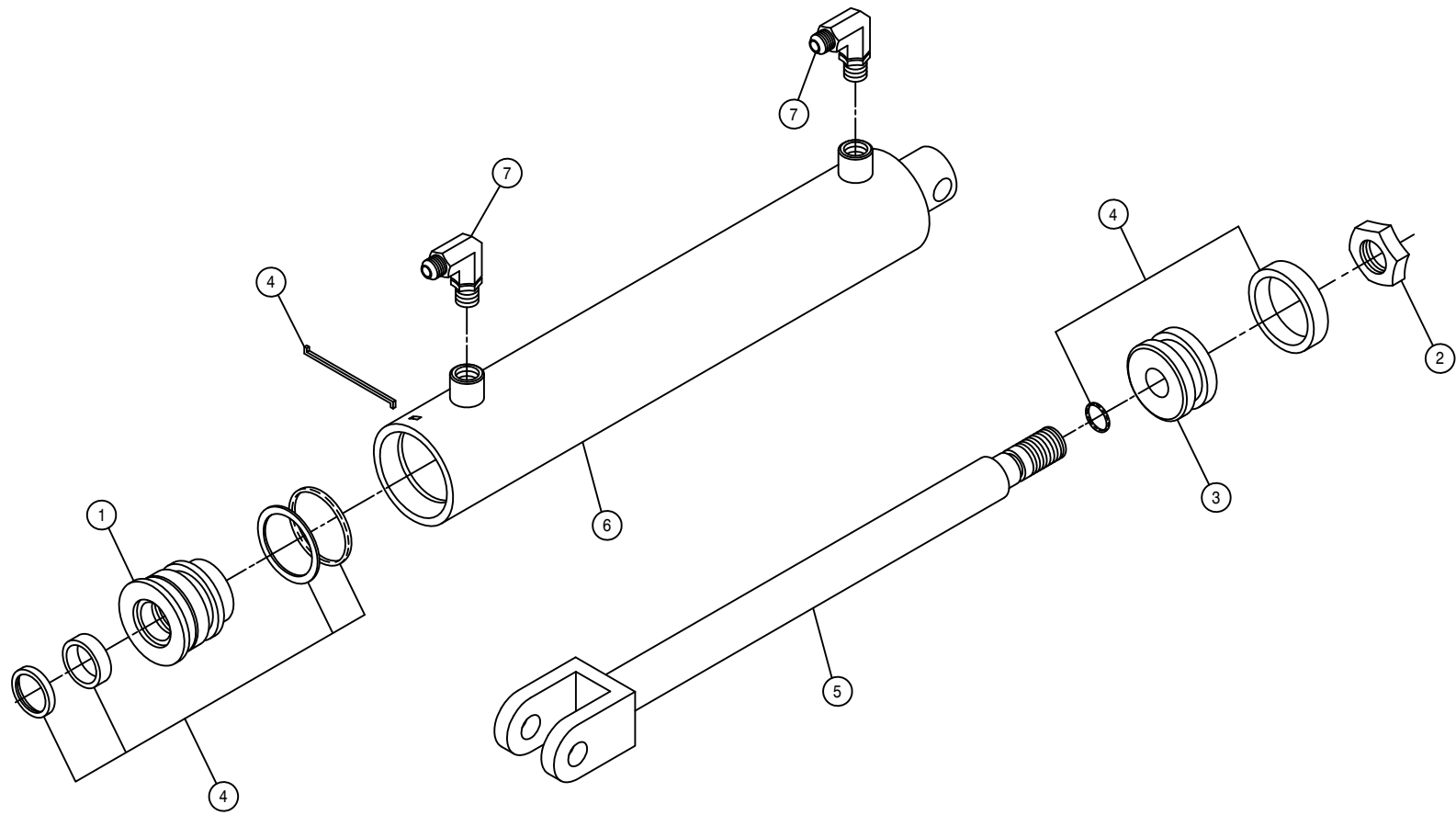
NOTE: 620855 - ACCUMULATOR CYLINDER ASSEMBLY 1-6



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	503010	RED BUSH 1/2MNPT-3/8FNPT, STEEL
8	1	610675	RESTRICTOR, .042 1-WAY, 1/2FNPT
9	1	618018	9/16MJIC-1/2MNPT ADPTR
10	1	618119	9/16MJIC-90-9/16MOR LBO
11	1	618651	9/16MOR-90-3/8MNPT LBO
12	2	471005	1/4 28 X 1/2 GREASE ZERK

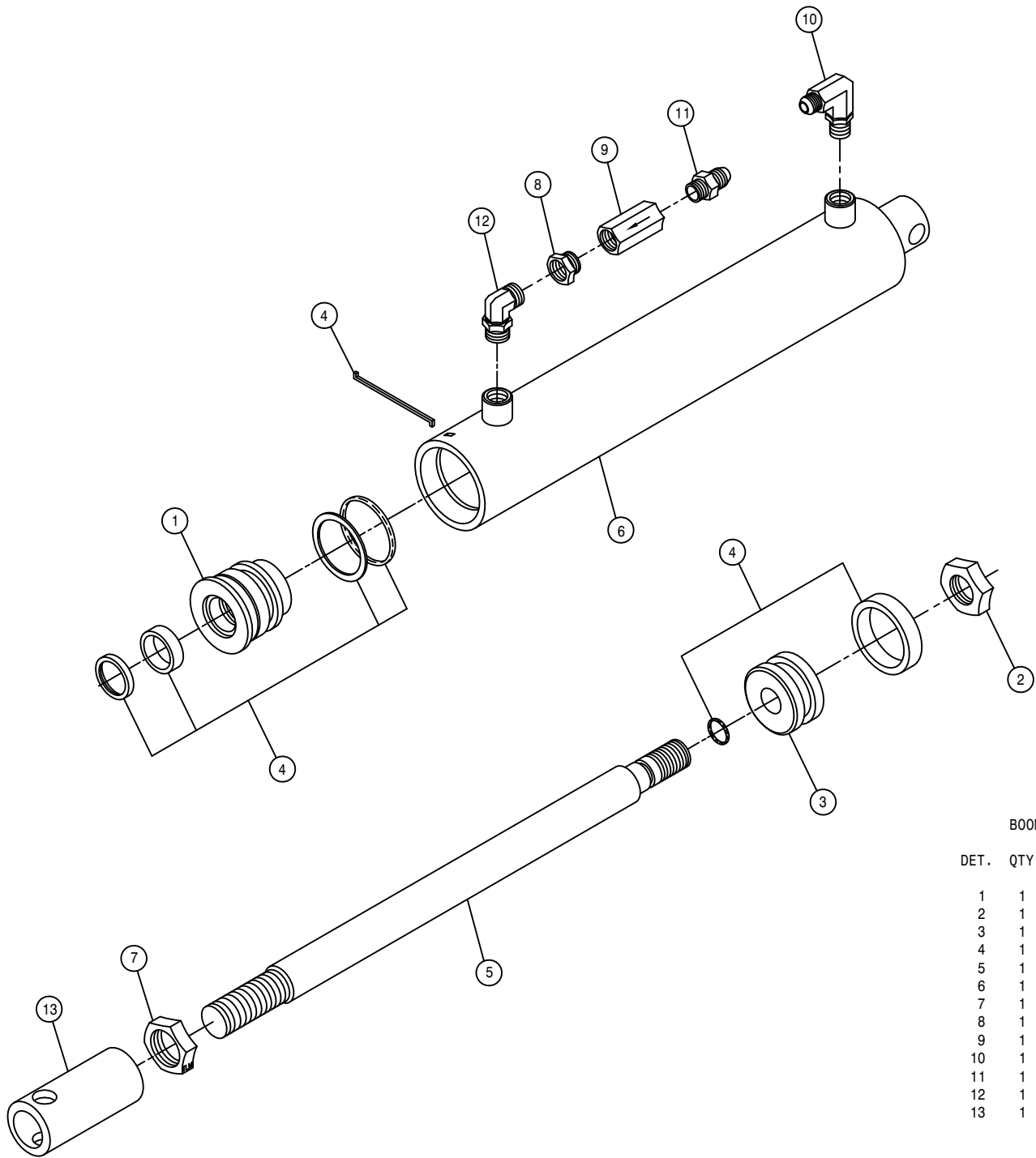
NOTE: 1. 620840 - TRANSOM LIFT CYLINDER ASSEMBLY 1-6
 2. 621011 - TRANSOM LIFT CYLINDER ASSEMBLY WITH FITTINGS



BOOM LEVEL 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	620853	SHAFT, BOOM LEVEL CYL 620850
	1	620854	BARREL, BOOM LEVEL CYL 620850
	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

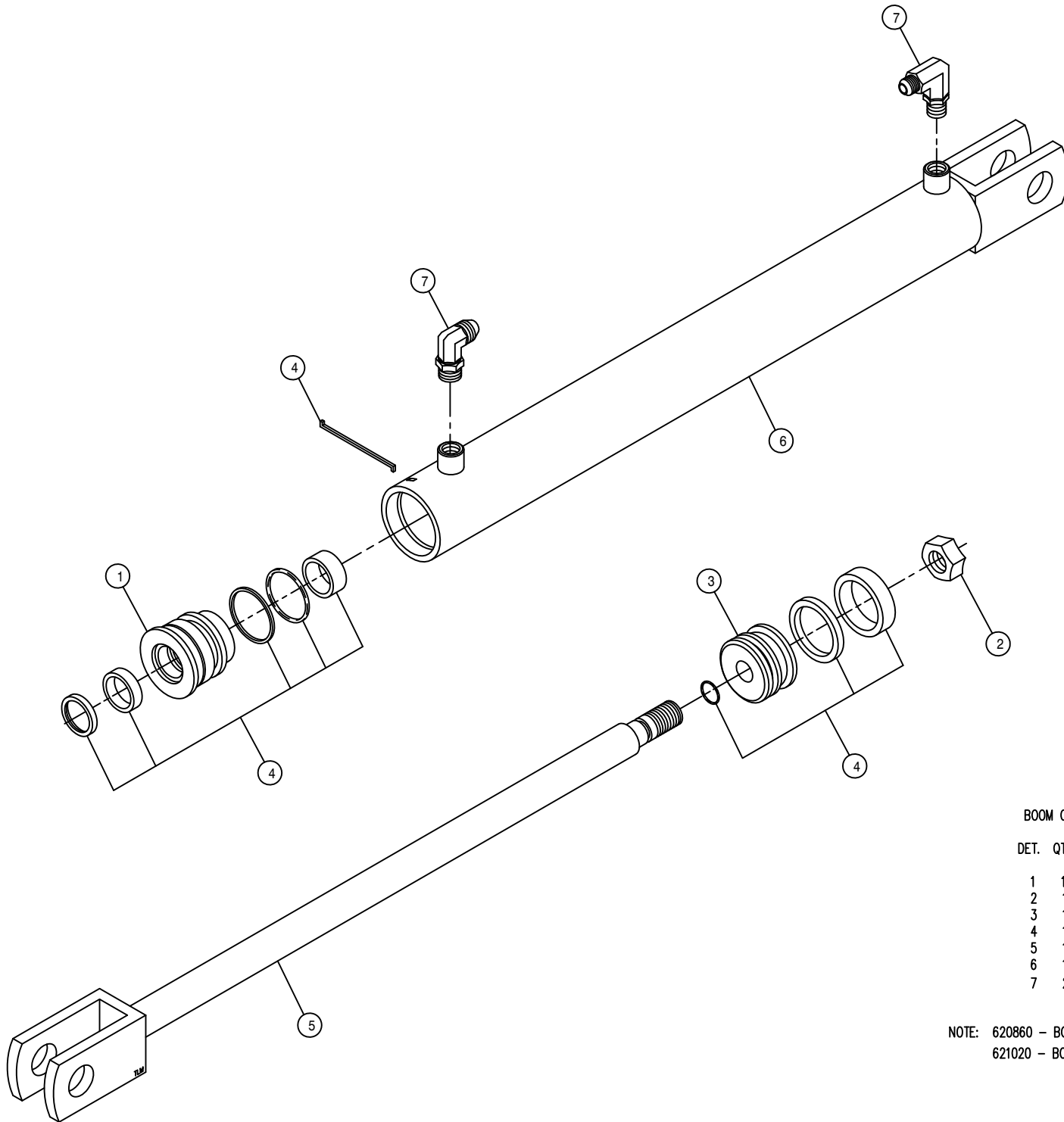


BOOM HINGE FOLD CYLINDER ASSEMBLY

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	503010	RED BUSH 1/2MNPT-3/8FNPT, STEEL
	1	610450	RESTRICTOR .025 1-WAY, 1/2FNPT
	1	614750	.042 ELBOW ASSY, 9/16MOR 90D
	1	618018	9/16MJIC-1/2MNPT ADPTR
	1	618651	9/16MOR-90-3/8MNPT LBO
	1	620653	FOLD CYL ADJ SLEEVE

97

NOTE: 1. 620845 - BOOM HINGE FOLD CYLINDER ASSEMBLY 1-6
 2. 621013 - BOOM HINGE FOLD CYLINDER ASSEMBLY WITH FITTINGS

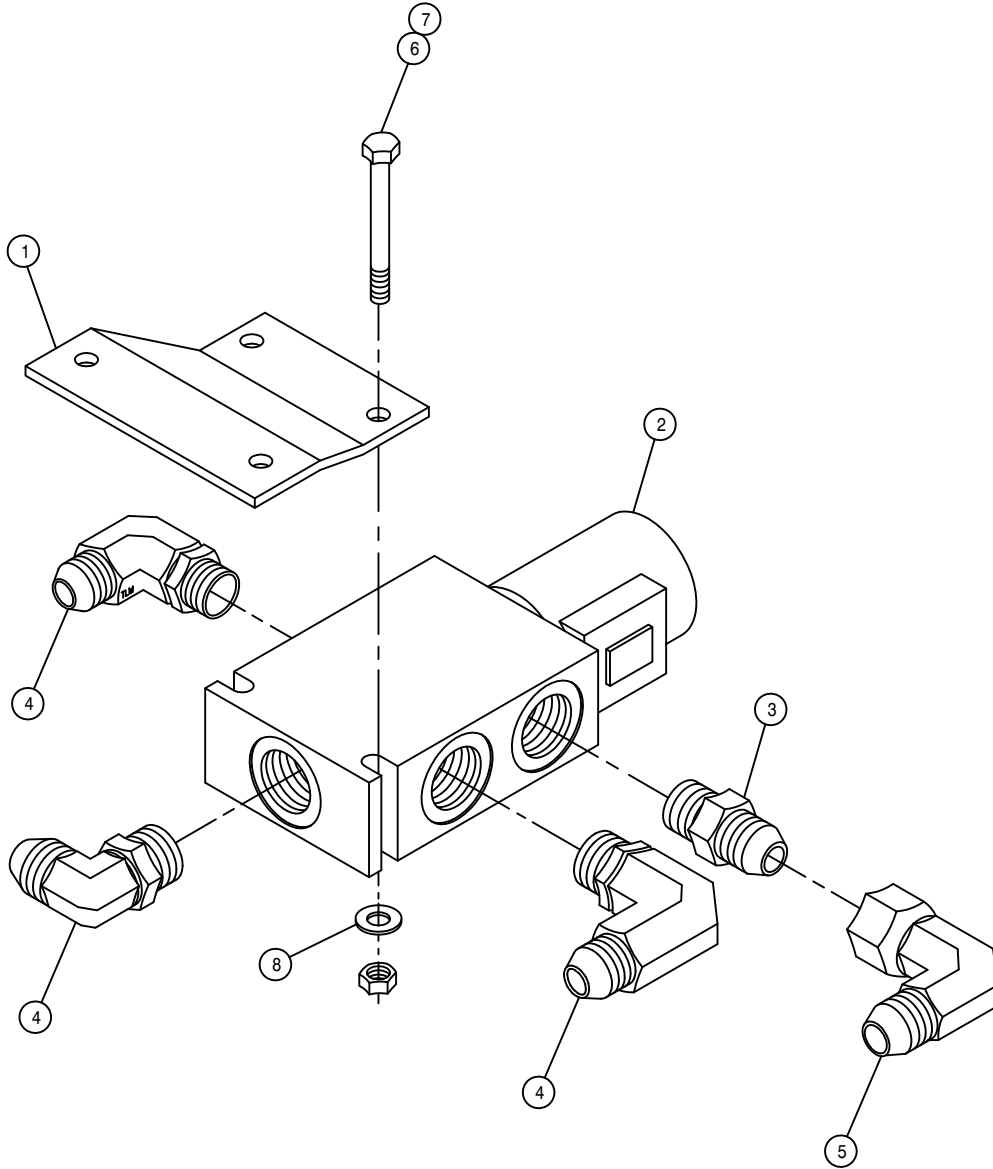


BOOM CENTER SECTION FOLD CYLINDER ASSEMBLY

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-2.00-101
4	1	620784	REPAIR KIT, HYD CYL, RK-2.50-801
5	1	620863	SHAFT, BOOM SECT FOLD CYL 620860
6	1	620864	BARREL, BOOM FOLD CYL 620860
7	2	614750	.042 ELBOW ASSY, 9/16MOR 90D

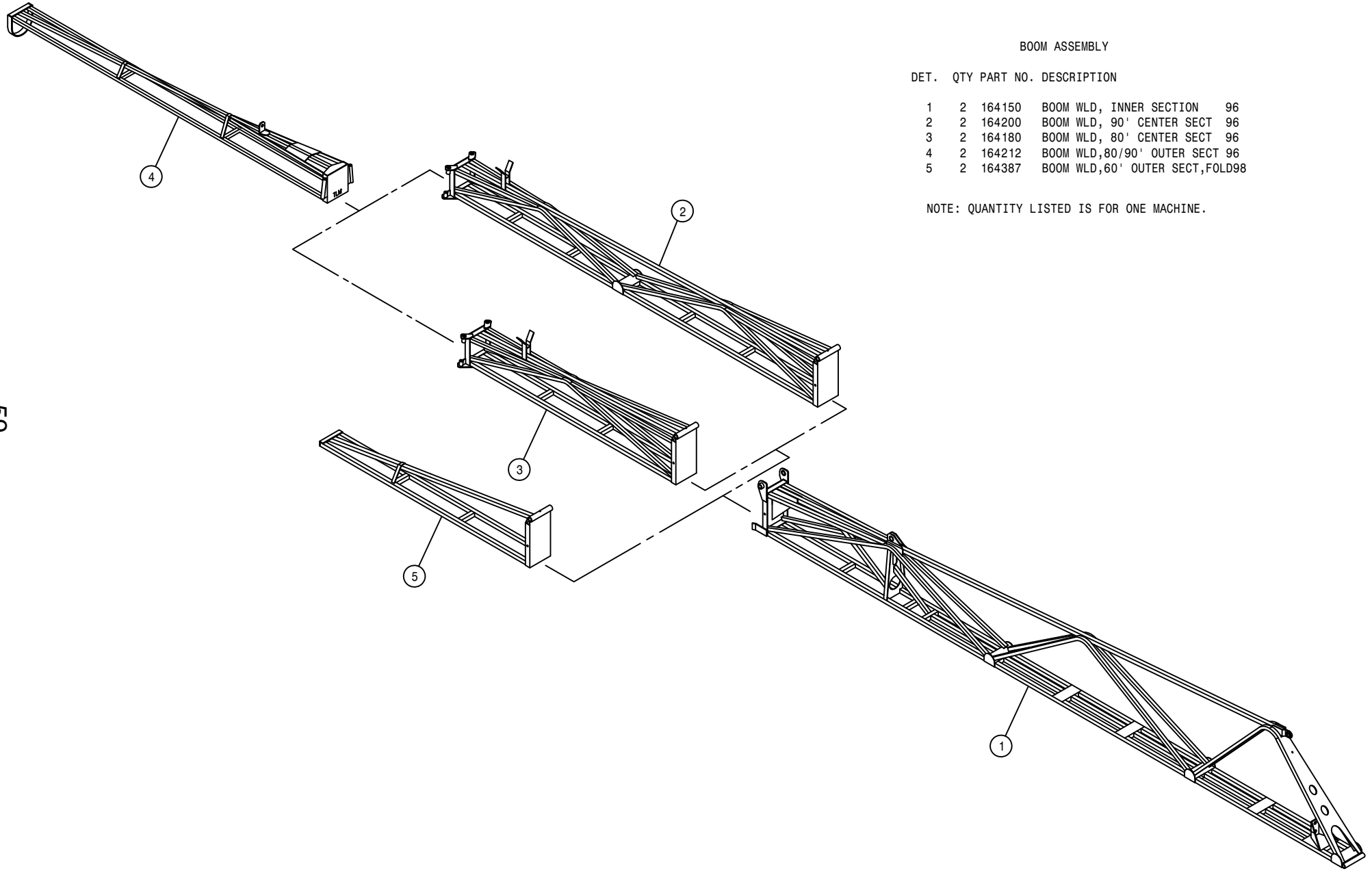
NOTE: 620860 - BOOM CNTR SECT FOLD CYLINDER INCLUDES ITEMS 1-6.
 621020 - BOOM CNTR SECT FOLD CYLINDER ASSEMBLY WITH FITTINGS



LIFT CYLINDER LOCK SOLENOID VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

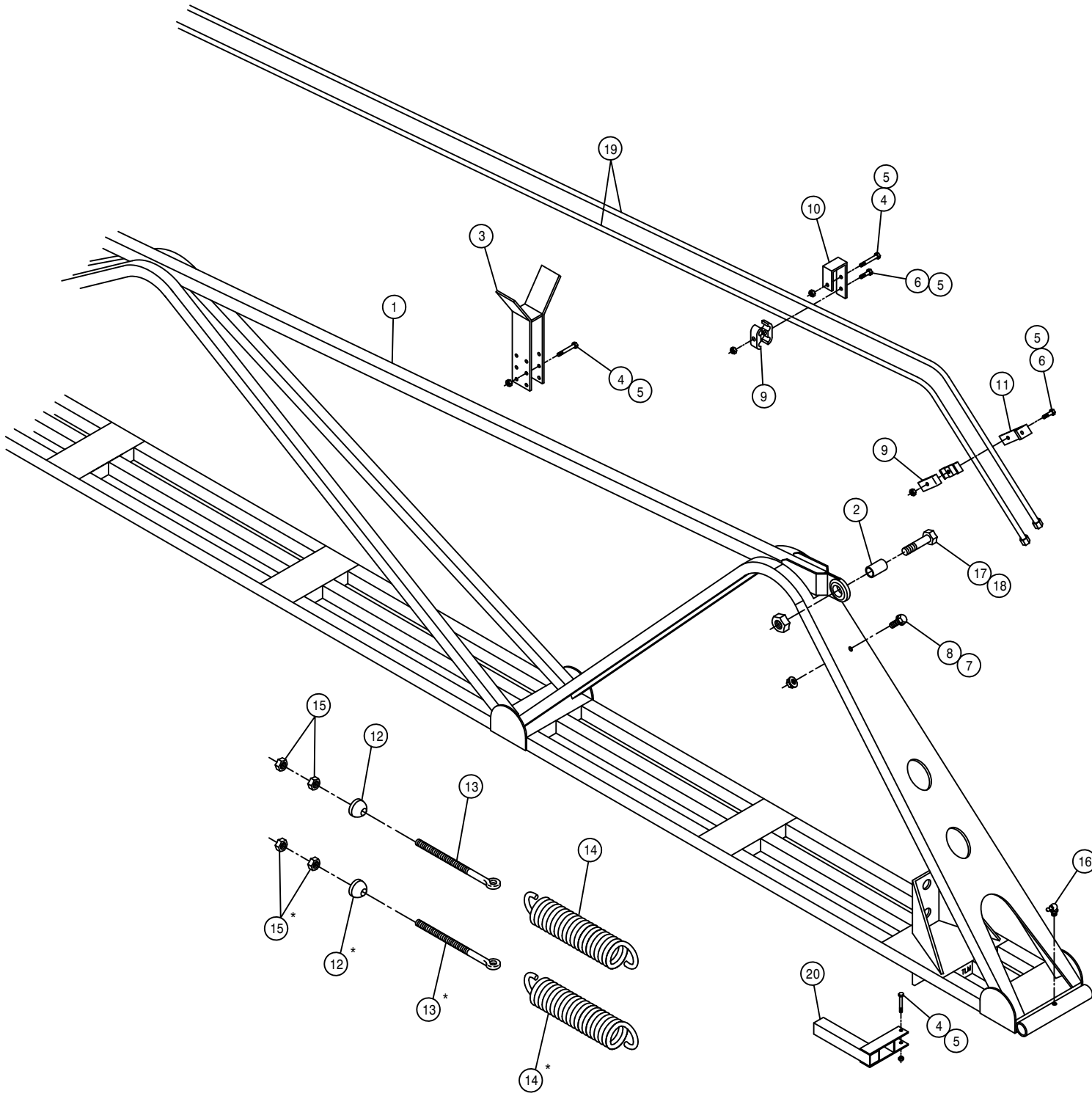
1	1	164305	LIFT CYL LOCK SOL VLV MT	97
2	1	610628	4-WAY, 2-POSITION SOL VLV	
3	1	618109	9/16MJIC-3/4MOR ADPTR	
4	3	618115	9/16MJIC-90-3/4MOR LBO	
5	1	618618	9/16MJIC-90-9/16FJIC SWIV LBO	
6	2	900006	1/4UNC X 1 3/4 HEX BOLT	
7	2	914000	1/4UNC HEX STOVER NUT	
8	2	920000	1/4 SAE FLAT WASHER	



BOOM ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION	
1	2	164150	BOOM WLD, INNER SECTION	96
2	2	164200	BOOM WLD, 90' CENTER SECT	96
3	2	164180	BOOM WLD, 80' CENTER SECT	96
4	2	164212	BOOM WLD, 80/90' OUTER SECT	96
5	2	164387	BOOM WLD, 60' OUTER SECT, FOLD98	

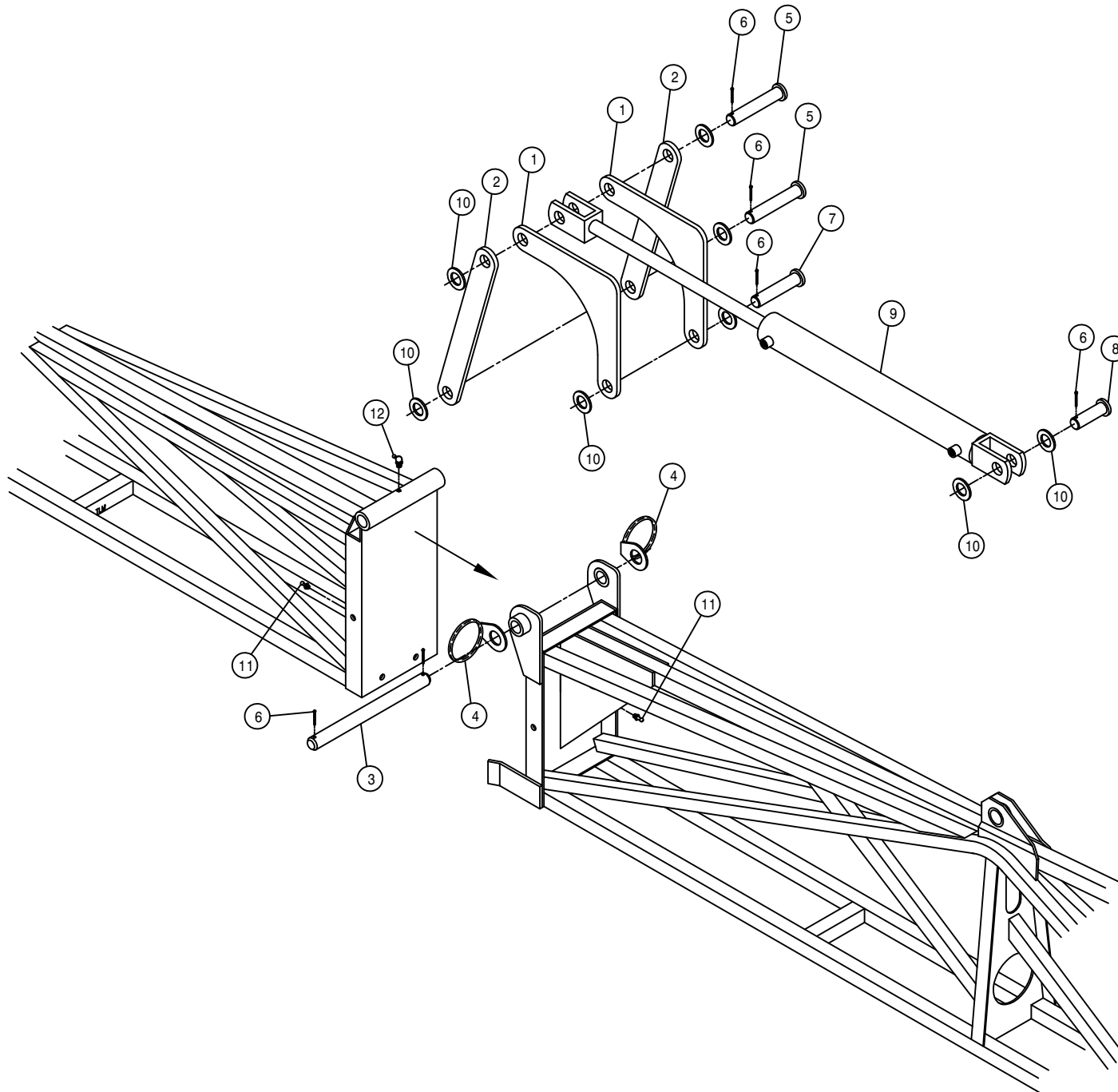
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



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, BOOM 96	
	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 FOLD 96	
	20	2	164275	NOZL MT WLD	96

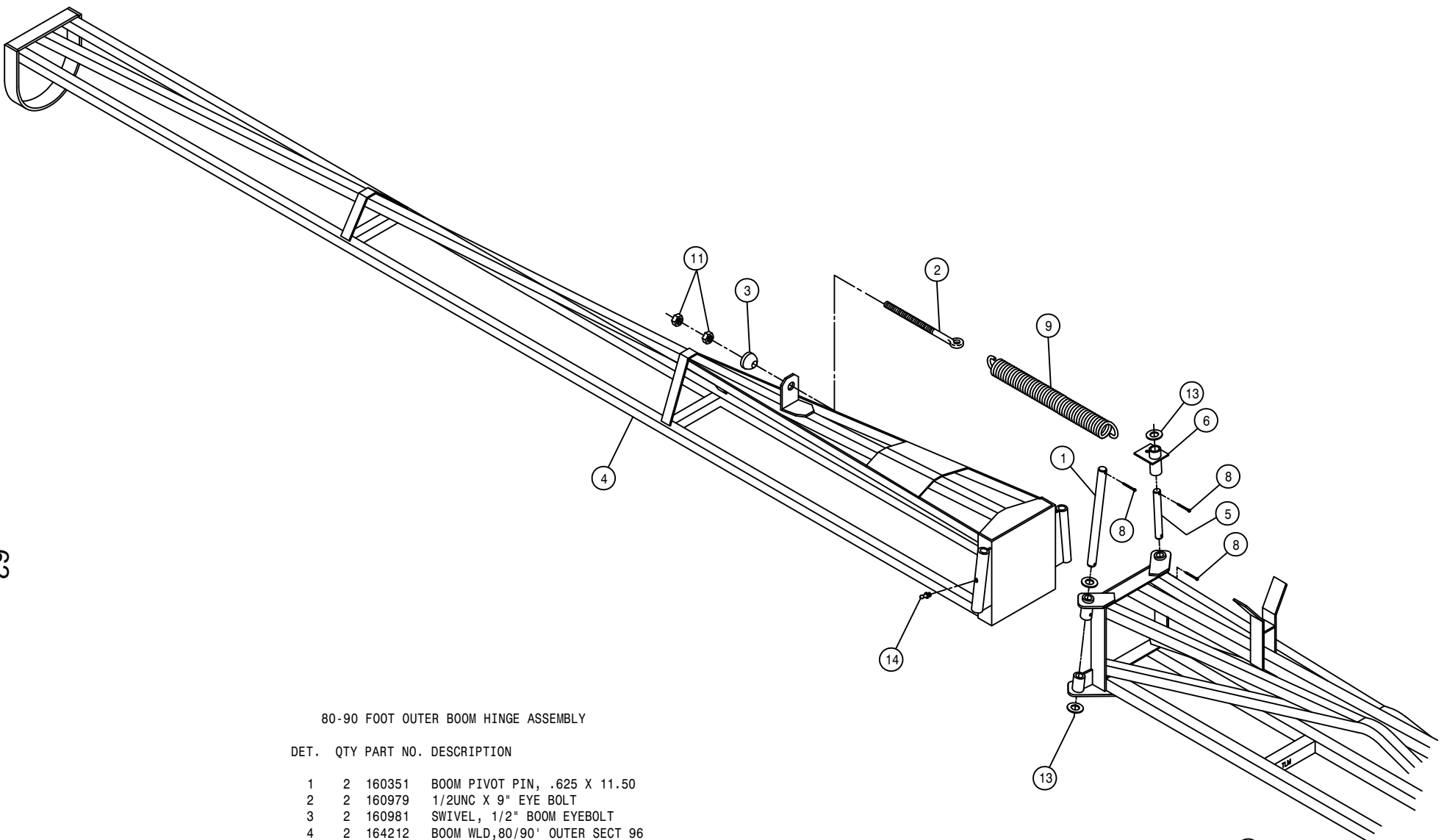
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.
 *60 FOOT BOOM USES ONE SPRING SETUP.



80-90 FOOT BOOM HINGE PIVOT ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	4	164228	FOLDING LINK, INNER BOOM 96
2	4	164229	FOLDING LINK, BOOM CNTR SECT 96
3	2	164231	BOOM PIN, 1.00 X 11.75 96
4	4	438302	HOSE SUPPORT RING WLD W/WASHER
5	4	470155	CLEVIS PIN, 1.00 X 4.00 PLT
6	12	470162	COTTER PIN 3/16 X 1 1/2 SQ CUT
7	2	472012	CLEVIS PIN, 1.00 X 3.25 PLT
8	2	472270	CLEVIS PIN, 1.00 X 2.50 PLT
9	2	621020	BOOM CNTR SECT FOLD CYL ASSY
10	16	920008	1" SAE FLAT WASHER
11	4	471005	1/4 28 X 1/2 GREASE ZERK
12	2	471028	GREASE ZERK, 1/4-28 90DEG

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

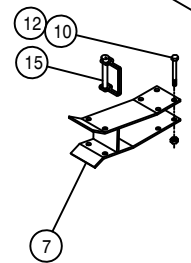


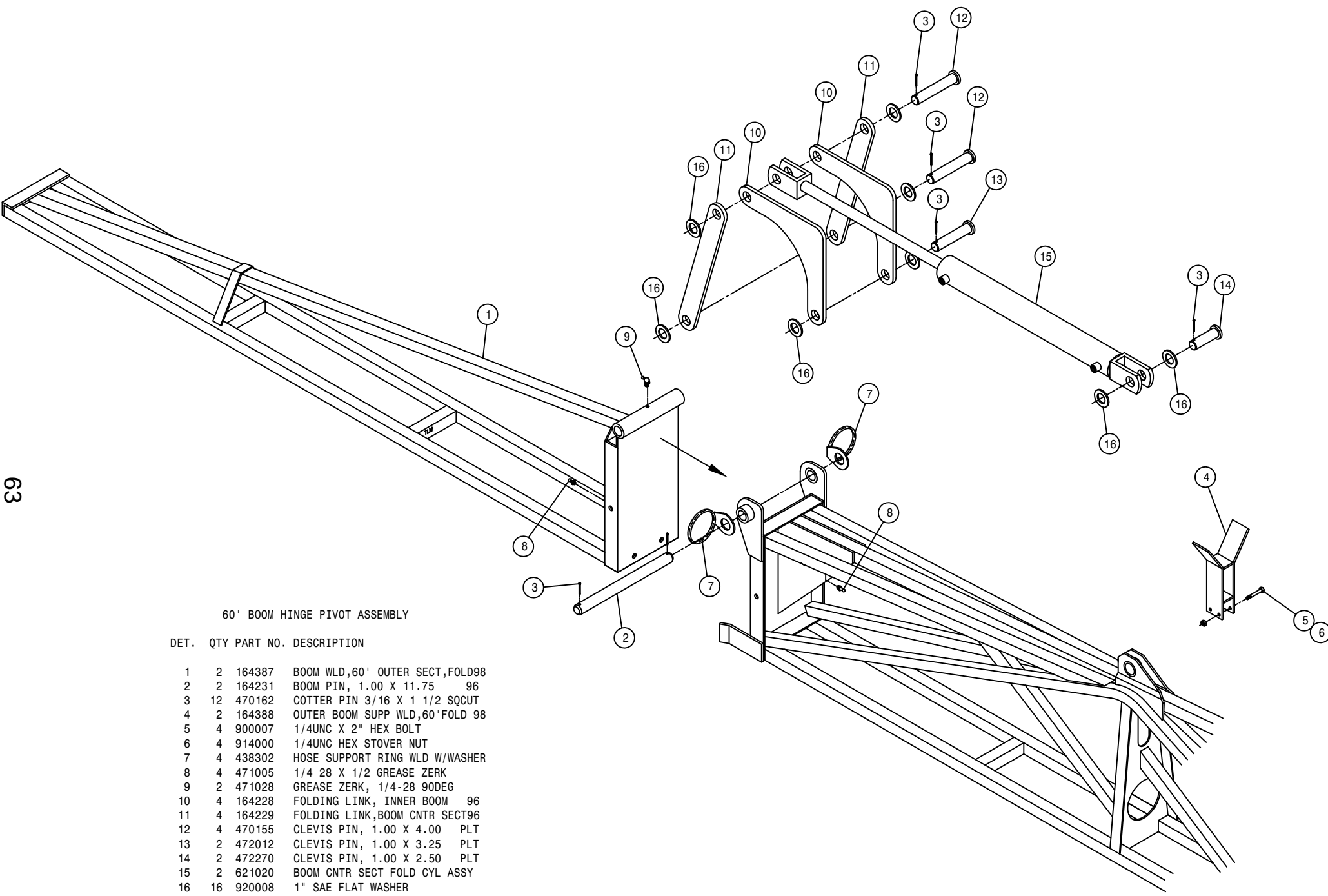
80-90 FOOT OUTER BOOM HINGE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

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	164212	BOOM WLD,80/90' OUTER SECT 96
5	2	164232	BOOM PIN, .625 X 5.13 96
6	2	164233	SPRING HOOK WLD,OUTER BOOM 96
7	2	164666	OUTER BOOM SUPPORT WLD 00
8	8	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	6	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

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

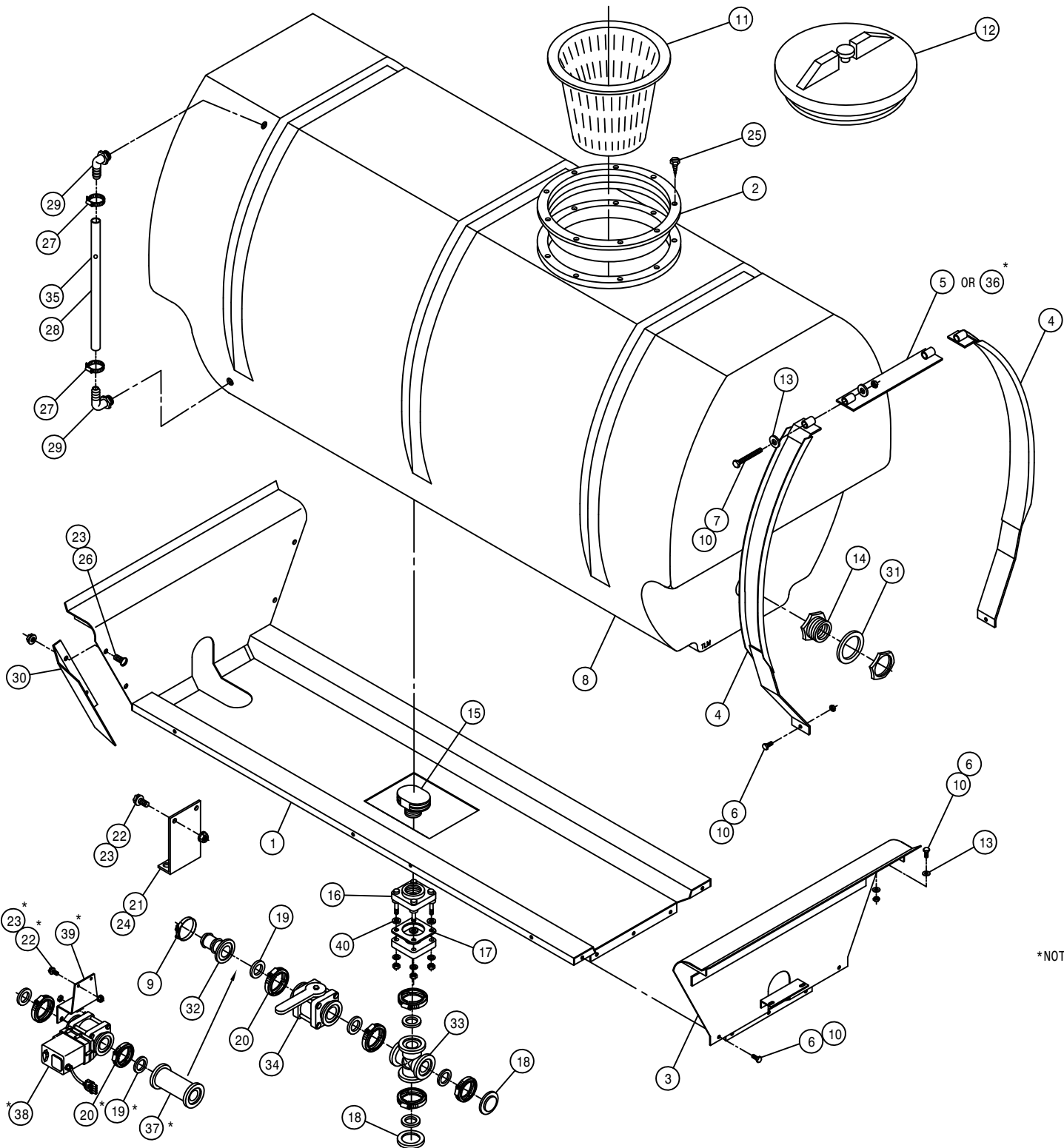




60' BOOM HINGE PIVOT ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	2	164387	BOOM WLD,60' OUTER SECT,FOLD98
	2	164231	BOOM PIN, 1.00 X 11.75 96
	12	470162	COTTER PIN 3/16 X 1 1/2 SQCUT
	2	164388	OUTER BOOM SUPP WLD,60'FOLD 98
	4	900007	1/4UNC X 2" HEX BOLT
	4	914000	1/4UNC HEX STOVER NUT
	4	438302	HOSE SUPPORT RING WLD W/WASHER
	4	471005	1/4 28 X 1/2 GREASE ZERK
	2	471028	GREASE ZERK, 1/4-28 90DEG
	4	164228	FOLDING LINK, INNER BOOM 96
	4	164229	FOLDING LINK,BOOM CNTR SECT96
	4	470155	CLEVIS PIN, 1.00 X 4.00 PLT
	2	472012	CLEVIS PIN, 1.00 X 3.25 PLT
	2	472270	CLEVIS PIN, 1.00 X 2.50 PLT
	2	621020	BOOM CNTR SECT FOLD CYL ASSY
	16	920008	1" SAE FLAT WASHER

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

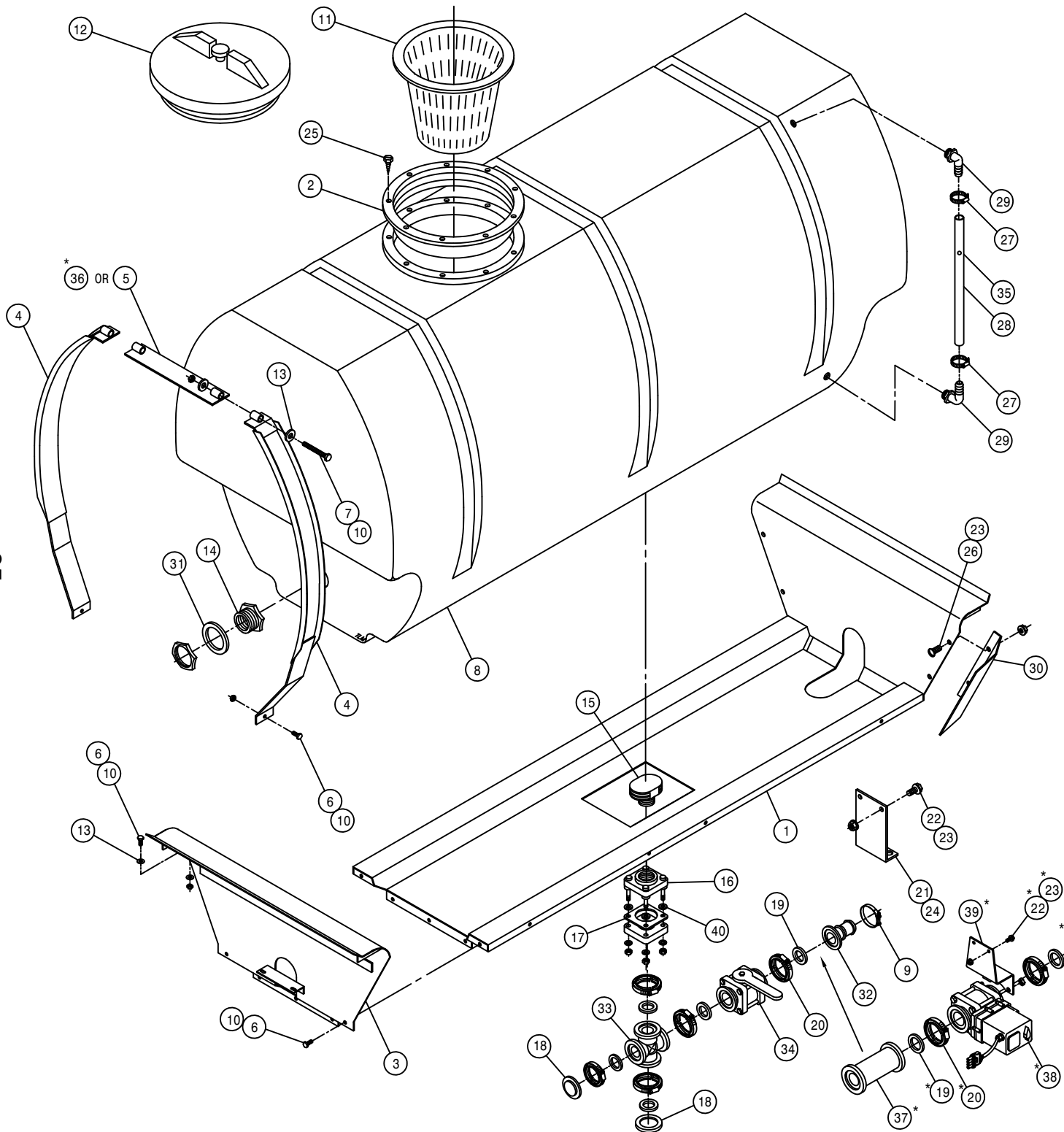


RH POLY 400 GALLON SOLUTION TANK ASSEMBLY

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 POLYTNK
15	1	500077	VENT CAP, 2" W/O SCREEN,POLY
16	1	500179	2" BOLTED TANK FLANGE POLY
17	1	500087	GASKET, 2" TANK FLANGE 500076
18	2	500156	2" FLANGE CAP PLUG POLY
19	7	500158	1 1/2" GASKET FOR 2" FLANGE
20	7	500160	2" FLANGE CLAMP, S.S.
21	1	763363	SOLU HOSE SUPPORT 280 POLY 91
22	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
23	6	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	1	500177	2" FLANGE-2" FLANGE CPLR POLY
38	1	696176	ELECT BALL VLV,2"FLANGE BANJO
39	1	763549	ELECT SOLU VLV SUPPORT,284 00
40	4	500100	FOOT GASKET,2" TANK FLG 500076

*NOTE: ITEMS 19,20,22,23,37,38, AND 39 ARE USED WITH THE ELECTRIC SOLUTION VALVE OPTION.

ITEM 36 IS USED WITH THE NARROW TREAD OPTION.



LH 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" BOLTED TANK FLANGE POLY
17	1	500087	GASKET, 2" TANK FLANGE 500076
18	2	500156	2" FLANGE CAP PLUG POLY
19	7	500158	1 1/2" GASKET FOR 2" FLANGE
20	7	500160	2" FLANGE CLAMP, S.S.
21	1	763363	SOLU HOSE SUPPORT 280 POLY 91
22	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
23	6	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	763437	LH 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	1	500177	2" FLANGE-2" FLANGE CPLR POLY
38	1	696176	ELECT BALL VLV,2"FLANGE BANJO
39	1	763549	ELECT SOLU VLV SUPPORT,284 00
40	4	500100	FOOT GASKET,2" TANK FLG 500076

*NOTE: ITEMS 19,20,22,23,37,38, AND 39 ARE USED WITH THE ELECTRIC SOLUTION VALVE OPTION.

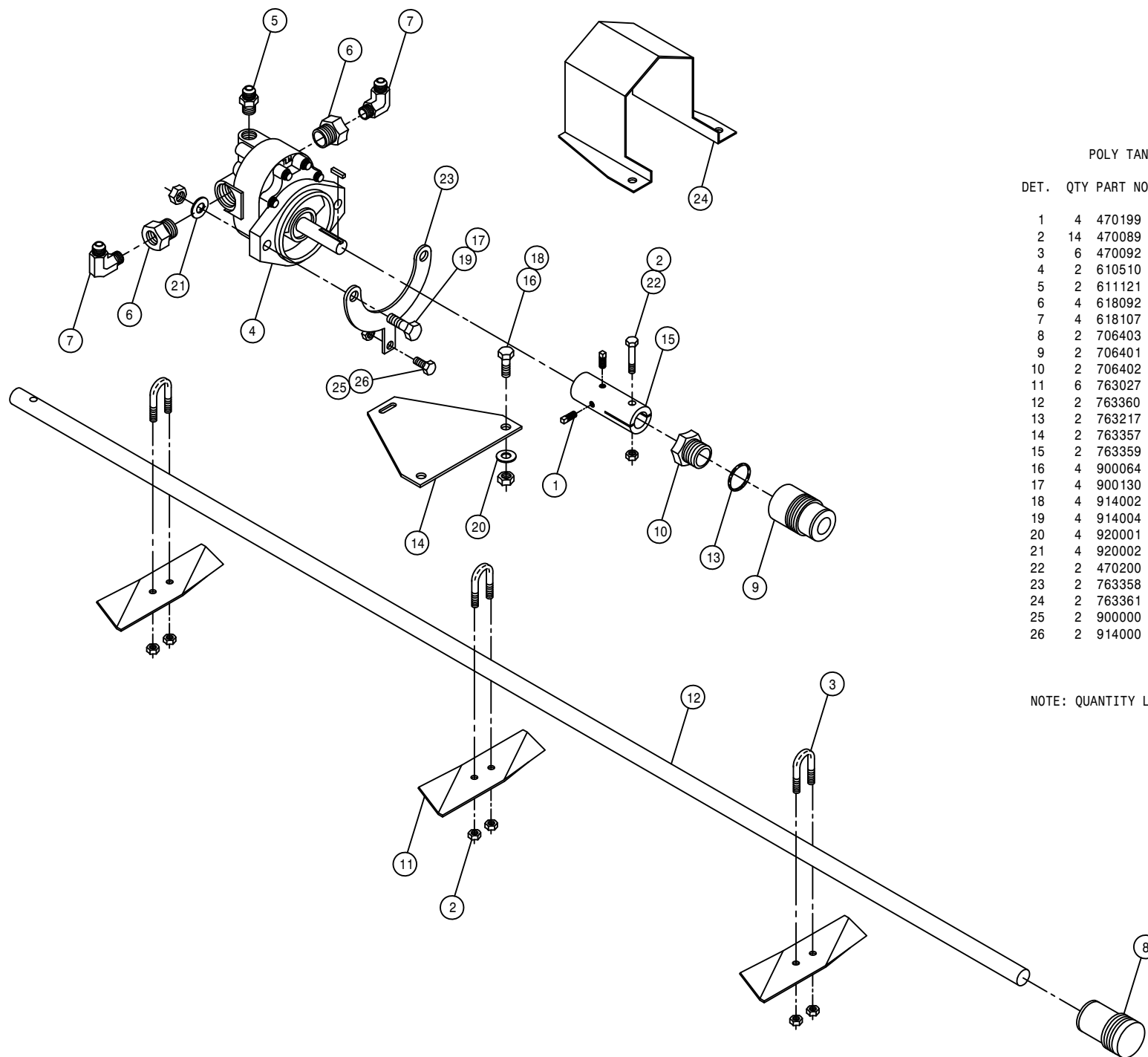
ITEM 36 IS USED WITH THE NARROW TREAD OPTION.

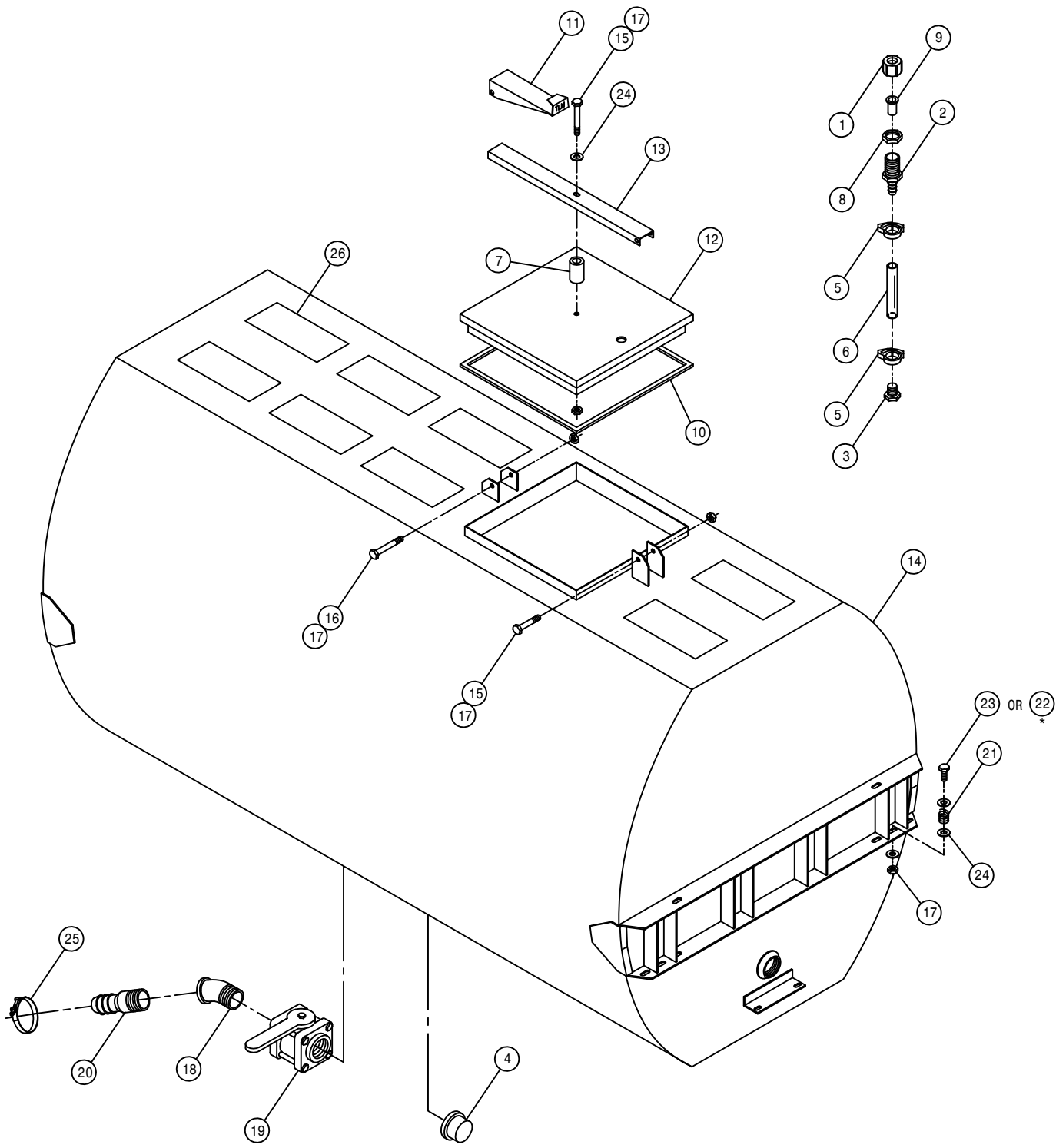
POLY TANK AGITATOR ASSEMBLY

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	763360	AGIT SHAFT 280	91
13	2	763217	GLAND PACKING, 13 IN. LONG	
14	2	763357	AGIT MTR MT PLT CES 280	91
15	2	763359	AGIT MTR CPLR 280	91
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	91
24	2	763361	AGIT CPLR SHIELD 280	91
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.

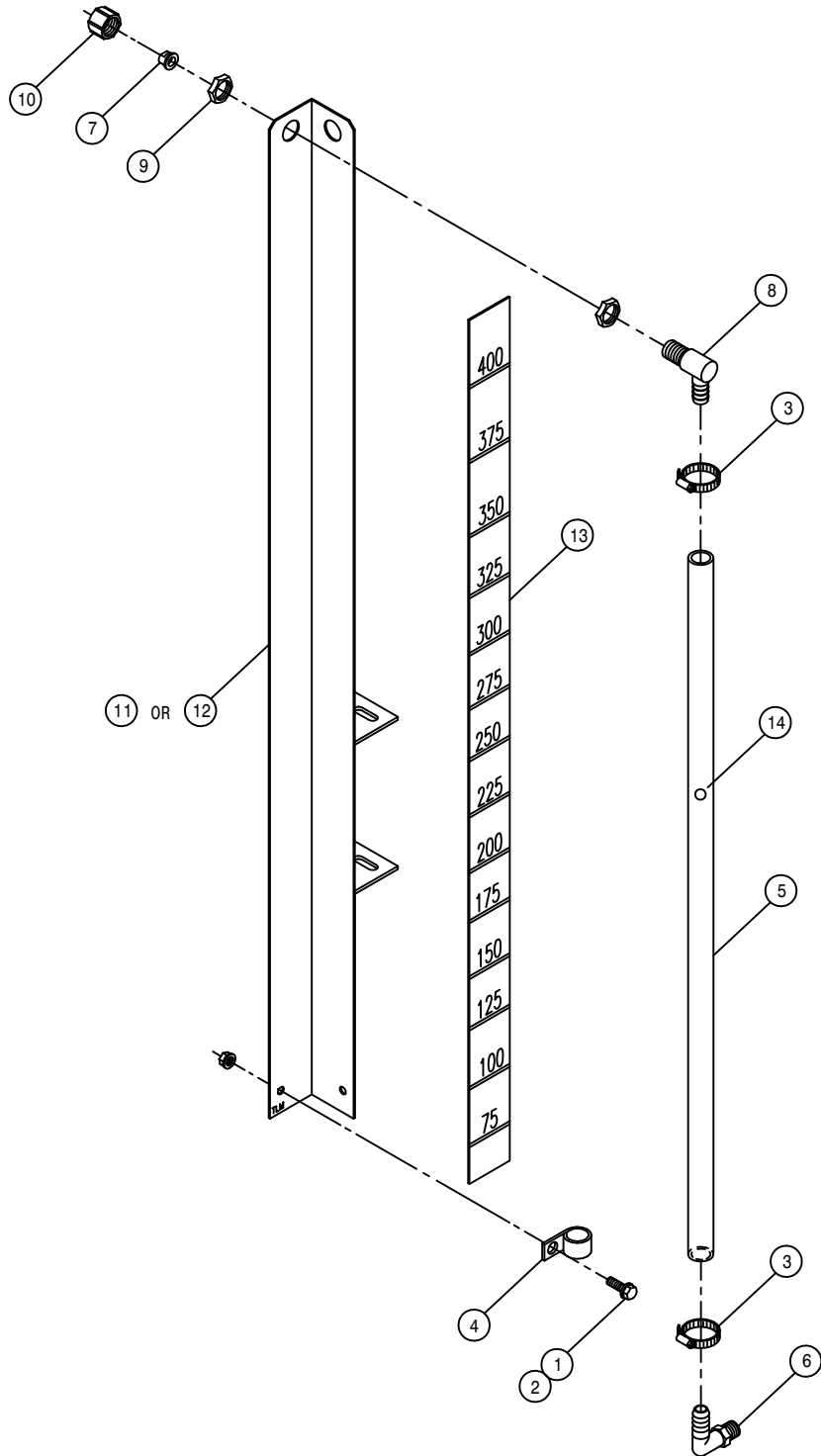




STAINLESS STEEL SOLUTION TANK ASSEMBLY

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.



SIGHT GAUGE HOSE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

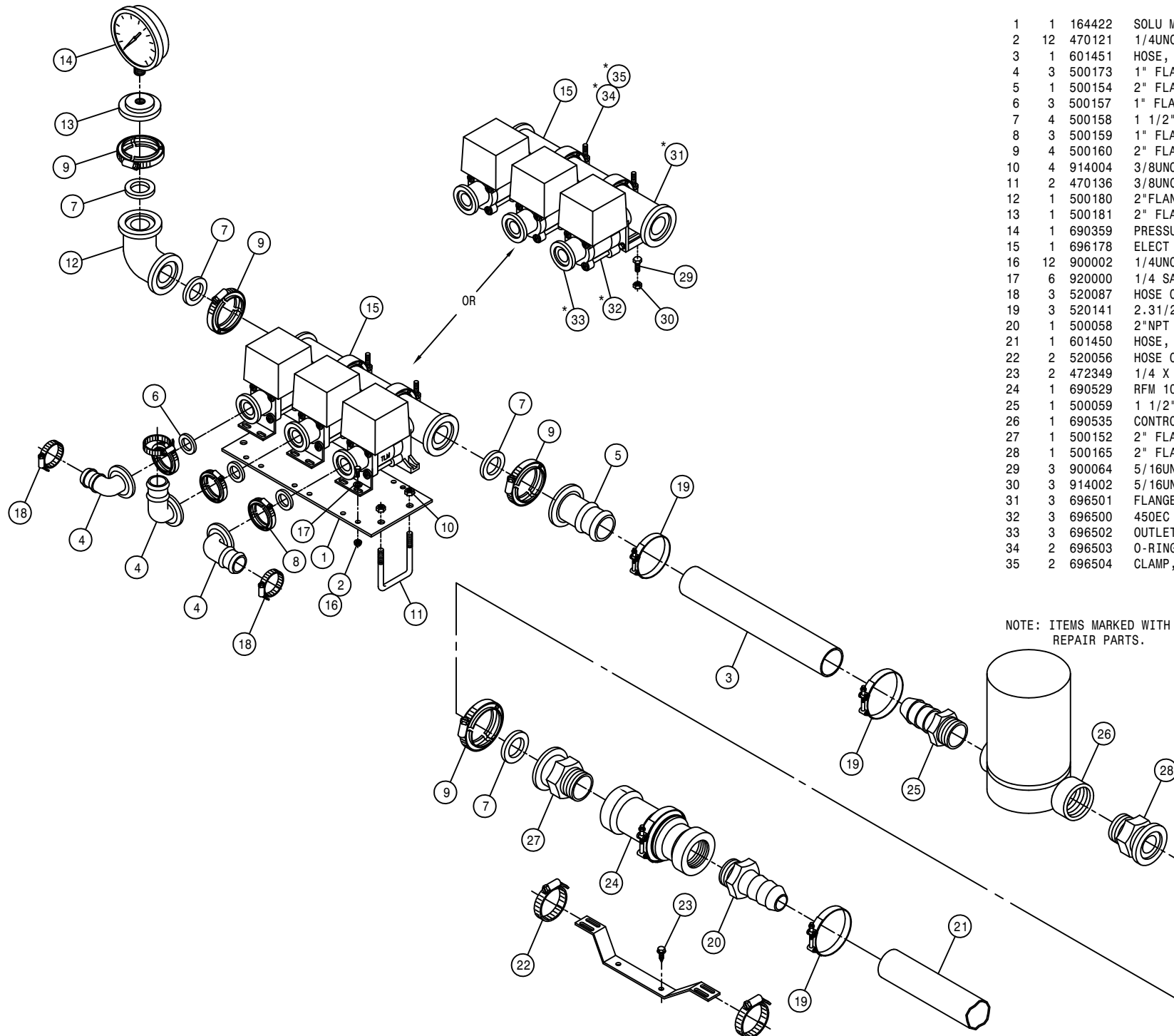
1	2	470122	1/4UNC X 1/2 FLANGE HEX BOLT
2	2	470121	1/4UNC HEX FLANGE LOCK NUT
3	4	520069	HOSE CLAMP NO 6 STAINLESS
4	2	520117	CUSH HOSE CLAMP 5/8D X 1/2W
5	2	601302	HOSE, 1/2 X 52 CLEAR VINYL
6	2	618556	1/4NPT-90-1/2 HOSE BARB,POLY
7	2	731109	TIP,FS-9 80DEG NYL SNGL ORF
8	2	737856	EL NOZL BODY .50 STEEL
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.

60' SOLUTION SOLENOID ASSEMBLY (STANDARD)

DET. QTY PART NO. DESCRIPTION

1	1	164422	SOLU MANIF VLV MT, HIVOL
2	12	470121	1/4UNC HEX FLANGE LOCK NUT
3	1	601451	HOSE, 2 X 69 2F-1W EPDM
4	3	500173	1" FLANGE-90-1" HOSE BARB POLY
5	1	500154	2" FLANGE-2" HOSE BARB POLY
6	3	500157	1" FLANGE GASKET EPDM
7	4	500158	1 1/2" GASKET FOR 2" FLANGE
8	3	500159	1" FLANGE CLAMP, S.S.
9	4	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	12	900002	1/4UNC X 3/4 HEX BOLT
17	6	920000	1/4 SAE FLAT WASHER
18	3	520087	HOSE CLAMP NO 20 STAINLESS
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	500059	1 1/2"NPT X 2" HOSE BARB,POLY
26	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN
27	1	500152	2" FLANGE-2" MNPT ADPTR POLY
28	1	500165	2" FLANGE-1 1/2" MNPT POLY
29	3	900064	5/16UNC X 3/4 HEX BOLT
30	3	914002	5/16UNC HEX STOVER NUT
31	3	696501	FLANGE VLV TEE FOR 696178
32	3	696500	450EC VLV W/FLG TEE FOR 696178
33	3	696502	OUTLET FLG END-CAP FOR 696178
34	2	696503	O-RING,VLV FITTING FOR 696178
35	2	696504	CLAMP,VLV FITTING FOR 696178



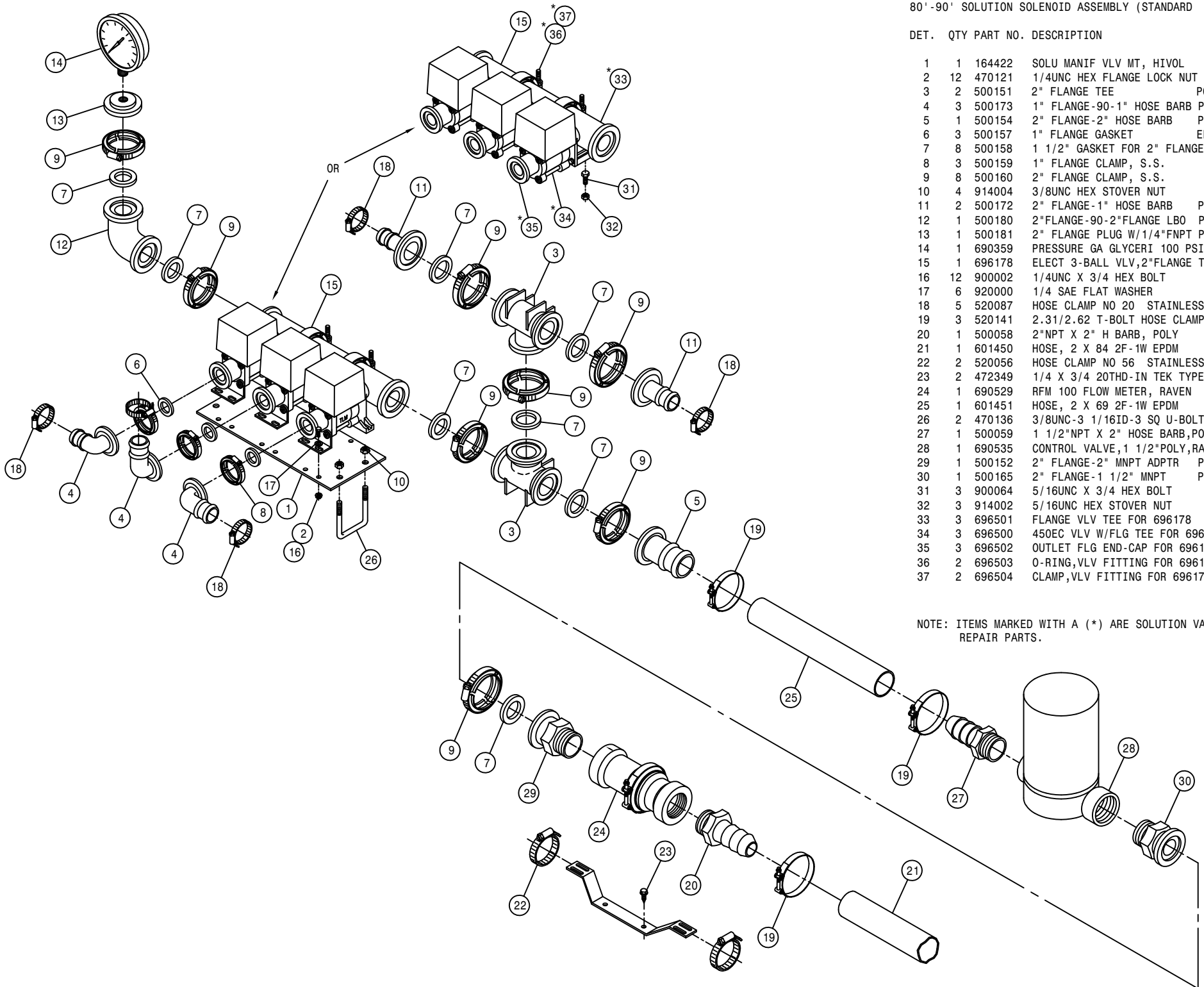
NOTE: ITEMS MARKED WITH A (*) ARE SOLUTION VALVE REPAIR PARTS.

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	12	470121	1/4UNC HEX FLANGE LOCK NUT
3	2	500151	2" FLANGE TEE POLY
4	3	500173	1" FLANGE-90-1" HOSE BARB POLY
5	1	500154	2" FLANGE-2" HOSE BARB POLY
6	3	500157	1" FLANGE GASKET EPDM
7	8	500158	1 1/2" GASKET FOR 2" FLANGE
8	3	500159	1" FLANGE CLAMP, S.S.
9	8	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	12	900002	1/4UNC X 3/4 HEX BOLT
17	6	920000	1/4 SAE FLAT WASHER
18	5	520087	HOSE CLAMP NO 20 STAINLESS
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	1	500059	1 1/2"NPT X 2" HOSE BARB,POLY
28	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN
29	1	500152	2" FLANGE-2" MNPT ADPTR POLY
30	1	500165	2" FLANGE-1 1/2" MNPT POLY
31	3	900064	5/16UNC X 3/4 HEX BOLT
32	3	914002	5/16UNC HEX STOVER NUT
33	3	696501	FLANGE VLV TEE FOR 696178
34	3	696500	450EC VLV W/FLG TEE FOR 696178
35	3	696502	OUTLET FLG END-CAP FOR 696178
36	2	696503	O-RING,VLV FITTING FOR 696178
37	2	696504	CLAMP,VLV FITTING FOR 696178

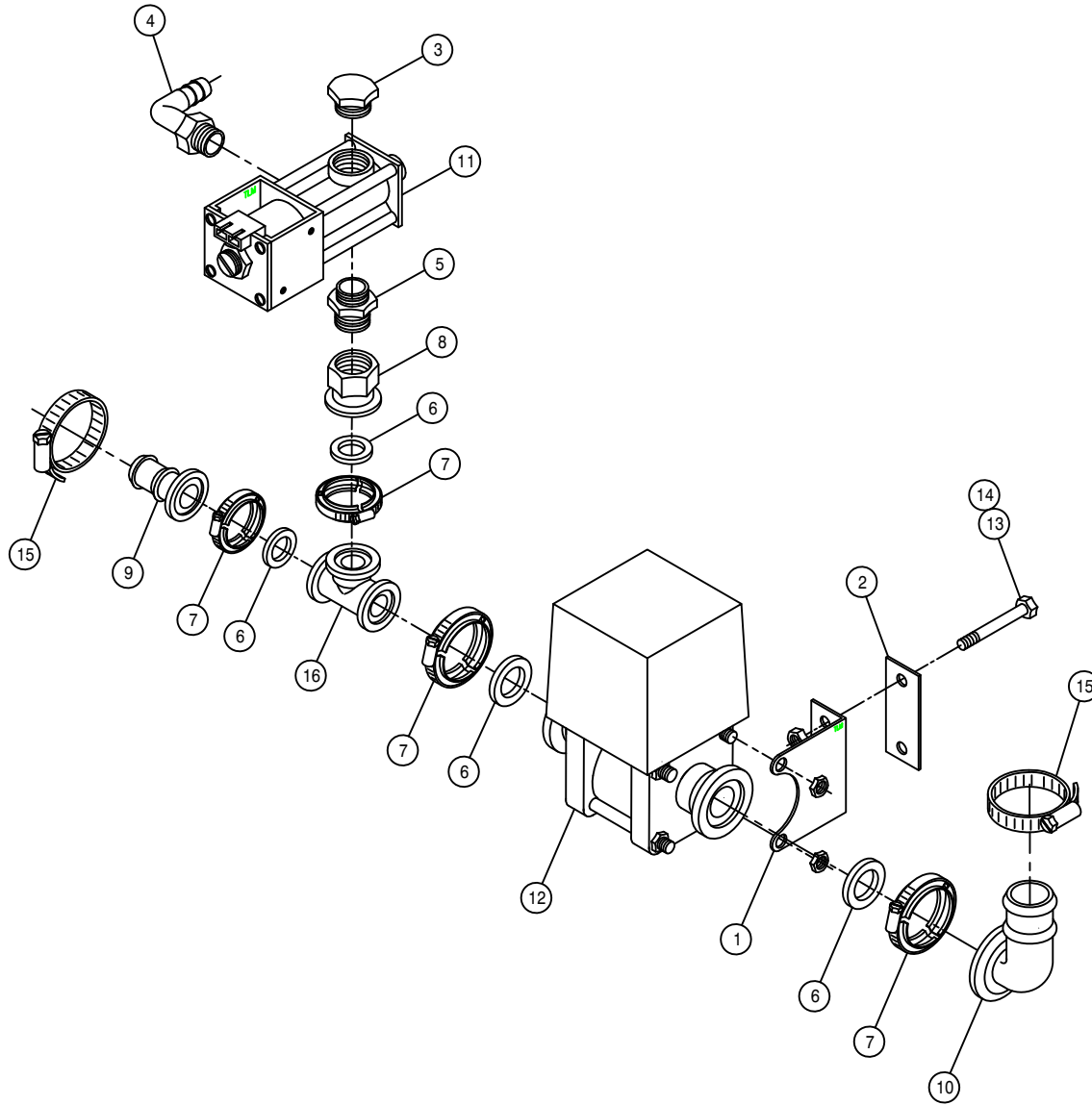
NOTE: ITEMS MARKED WITH A (*) ARE SOLUTION VALVE REPAIR PARTS.



90'-90' OUTER BOOM SOLENOID (STANDARD)

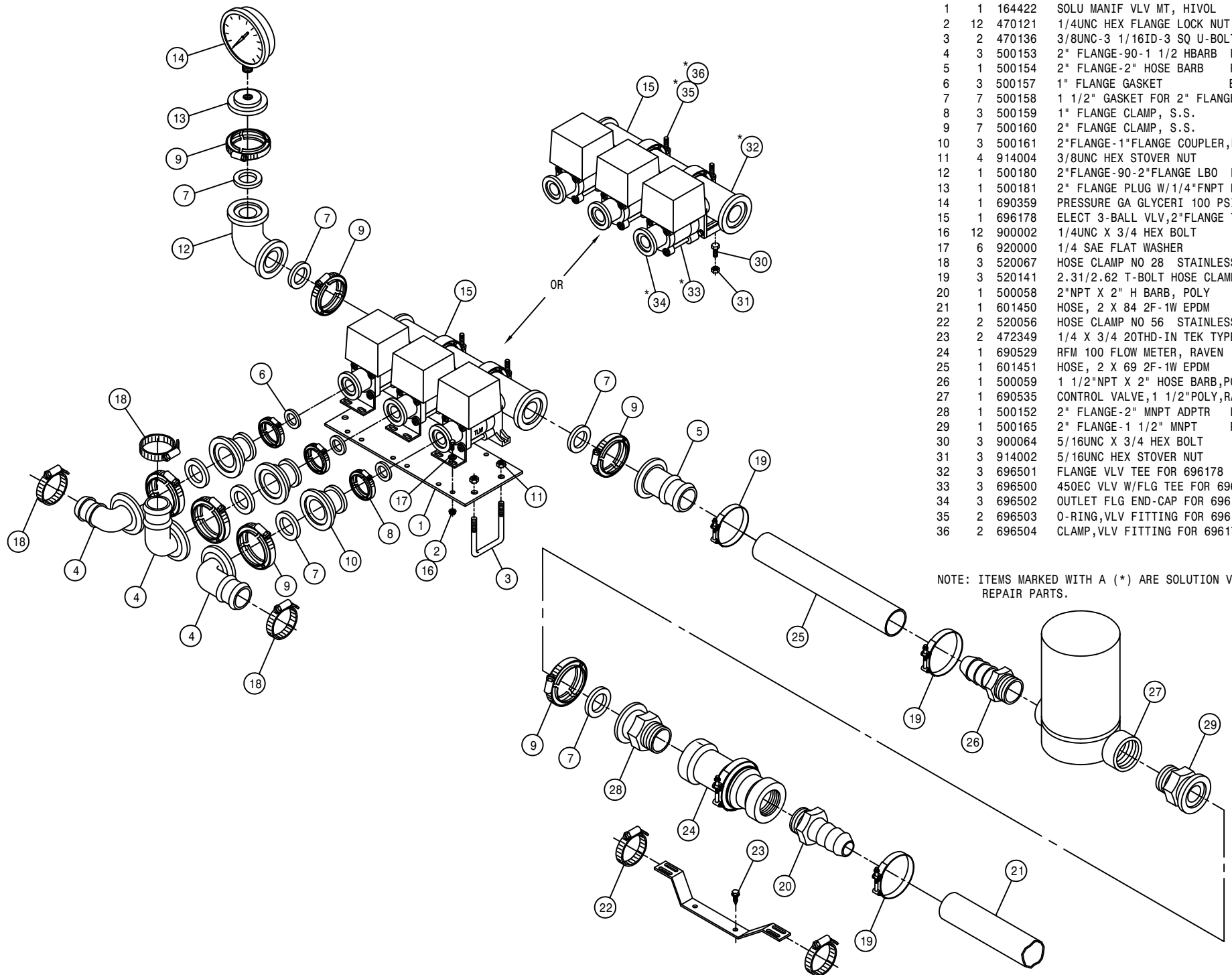
DET. QTY PART NO. DESCRIPTION

1	1	164303	SOLU VLV MT	97
2	1	164304	SOLU VLV MT KEEPER	97
3	1	500043	3/4NPT PIPE PLUG, POLY	
4	1	500047	1/2NPT-90-1/2 HOSE BARB, POLY	
5	1	500085	1" X 3/4NPT REDU NIPPLE, POLY	
6	4	500157	1" FLANGE GASKET	EPDM
7	4	500159	1" FLANGE CLAMP, S.S.	
8	1	500168	1" FLANGE-1" FNPT ADPTR	POLY
9	1	500171	1" FLANGE-1" HOSE BARB	POLY
10	1	500173	1" FLANGE-90-1" HOSE BARB	POLY
11	1	695952	SOLUTION VALVE, AA144-1	VITON
12	1	696177	ELECT BALL VLV, 1" FLANGE	
13	2	900007	1/4UNC X 2" HEX BOLT	
14	2	914000	1/4UNC HEX STOVER NUT	
15	2	520087	HOSE CLAMP NO 20	STAINLESS
16	1	500175	1" FLANGE TEE	POLY



DET. QTY PART NO. DESCRIPTION

1	1	164422	SOLU MANIF VLV MT, HIVOL
2	12	470121	1/4UNC HEX FLANGE LOCK NUT
3	2	470136	3/8UNC-3 1/16ID-3 SQ U-BOLT
4	3	500153	2" FLANGE-90-1 1/2 HBARB POLY
5	1	500154	2" FLANGE-2" HOSE BARB POLY
6	3	500157	1" FLANGE GASKET EPDM
7	7	500158	1 1/2" GASKET FOR 2" FLANGE
8	3	500159	1" FLANGE CLAMP, S.S.
9	7	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	12	900002	1/4UNC X 3/4 HEX BOLT
17	6	920000	1/4 SAE FLAT WASHER
18	3	520067	HOSE CLAMP NO 28 STAINLESS
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	1	500059	1 1/2"NPT X 2" HOSE BARB,POLY
27	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN
28	1	500152	2" FLANGE-2" MNPT ADPTR POLY
29	1	500165	2" FLANGE-1 1/2" MNPT POLY
30	3	900064	5/16UNC X 3/4 HEX BOLT
31	3	914002	5/16UNC HEX STOVER NUT
32	3	696501	FLANGE VLV TEE FOR 696178
33	3	696500	450EC VLV W/FLG TEE FOR 696178
34	3	696502	OUTLET FLG END-CAP FOR 696178
35	2	696503	O-RING,VLV FITTING FOR 696178
36	2	696504	CLAMP,VLV FITTING FOR 696178



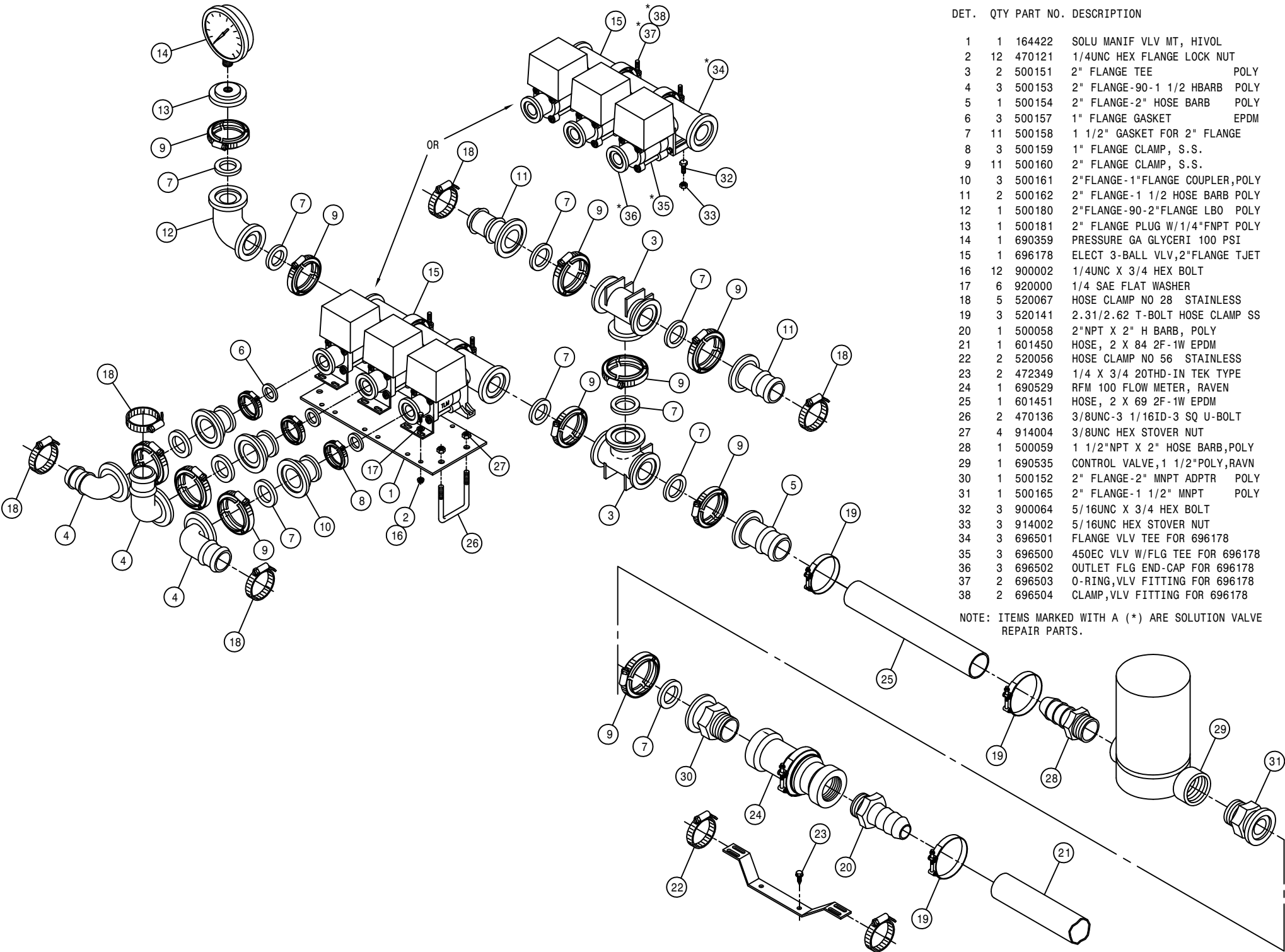
80'-90'SOLUTION SOLENOID ASSEMBLY (HI-VOLUME)

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	1	164422	SOLU MANIF VLV MT, HIVOL
2	12	470121	1/4UNC HEX FLANGE LOCK NUT
3	2	500151	2" FLANGE TEE
4	3	500153	2" FLANGE-90-1 1/2 HBARB POLY
5	1	500154	2" FLANGE-2" HOSE BARB POLY
6	3	500157	1" FLANGE GASKET
7	11	500158	1 1/2" GASKET FOR 2" FLANGE
8	3	500159	1" FLANGE CLAMP, S.S.
9	11	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	12	900002	1/4UNC X 3/4 HEX BOLT
17	6	920000	1/4 SAE FLAT WASHER
18	5	520067	HOSE CLAMP NO 28 STAINLESS
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	1	500059	1 1/2"NPT X 2" HOSE BARB,POLY
29	1	690535	CONTROL VALVE,1 1/2"POLY,RAVN
30	1	500152	2" FLANGE-2" MNPT ADPTR POLY
31	1	500165	2" FLANGE-1 1/2" MNPT POLY
32	3	900064	5/16UNC X 3/4 HEX BOLT
33	3	914002	5/16UNC HEX STOVER NUT
34	3	696501	FLANGE VLV TEE FOR 696178
35	3	696500	450EC VLV W/FLG TEE FOR 696178
36	3	696502	OUTLET FLG END-CAP FOR 696178
37	2	696503	O-RING,VLV FITTING FOR 696178
38	2	696504	CLAMP,VLV FITTING FOR 696178

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

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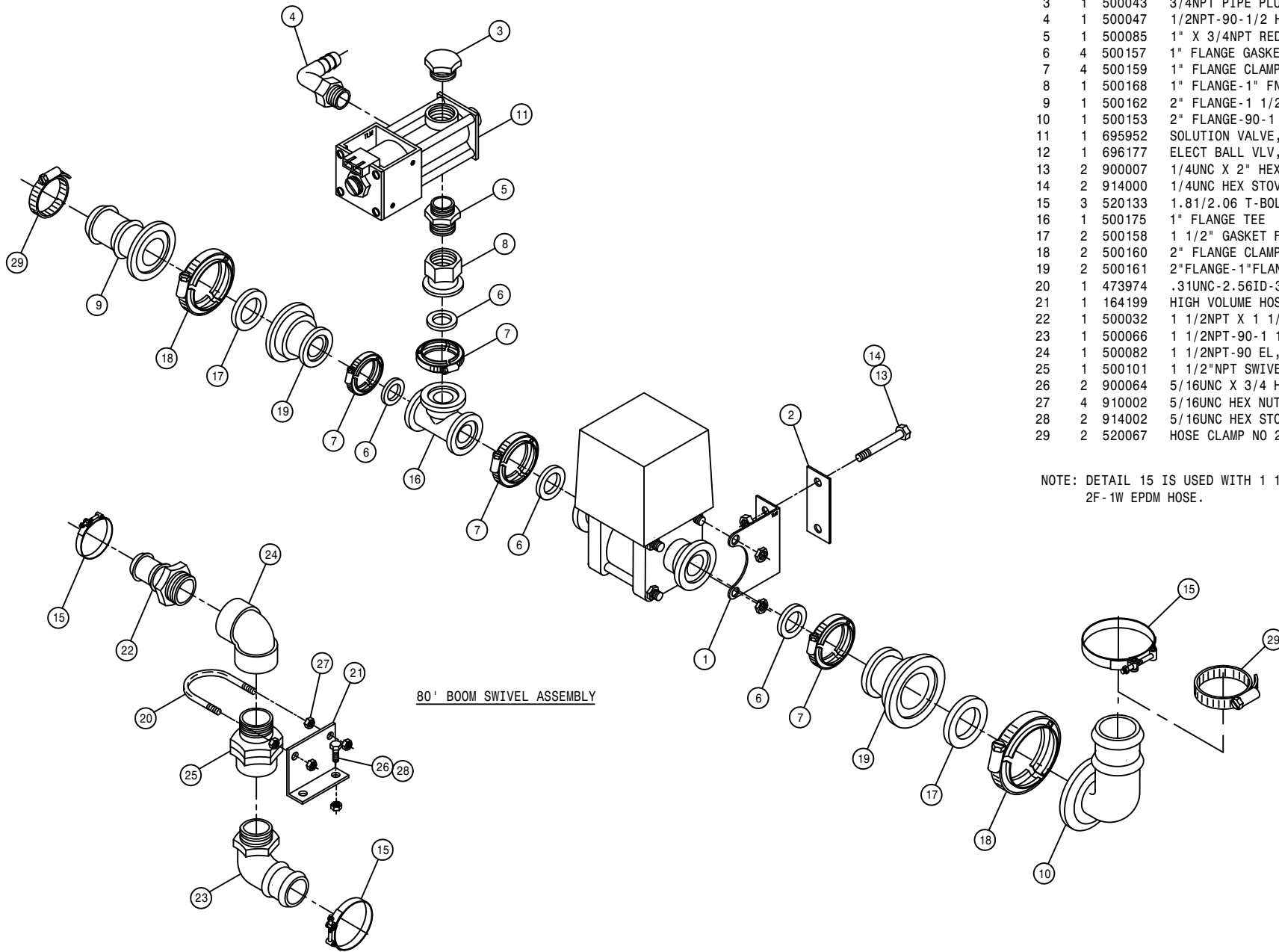


80' -90' OUTER BOOM SOLENOID (HI-VOLUME)

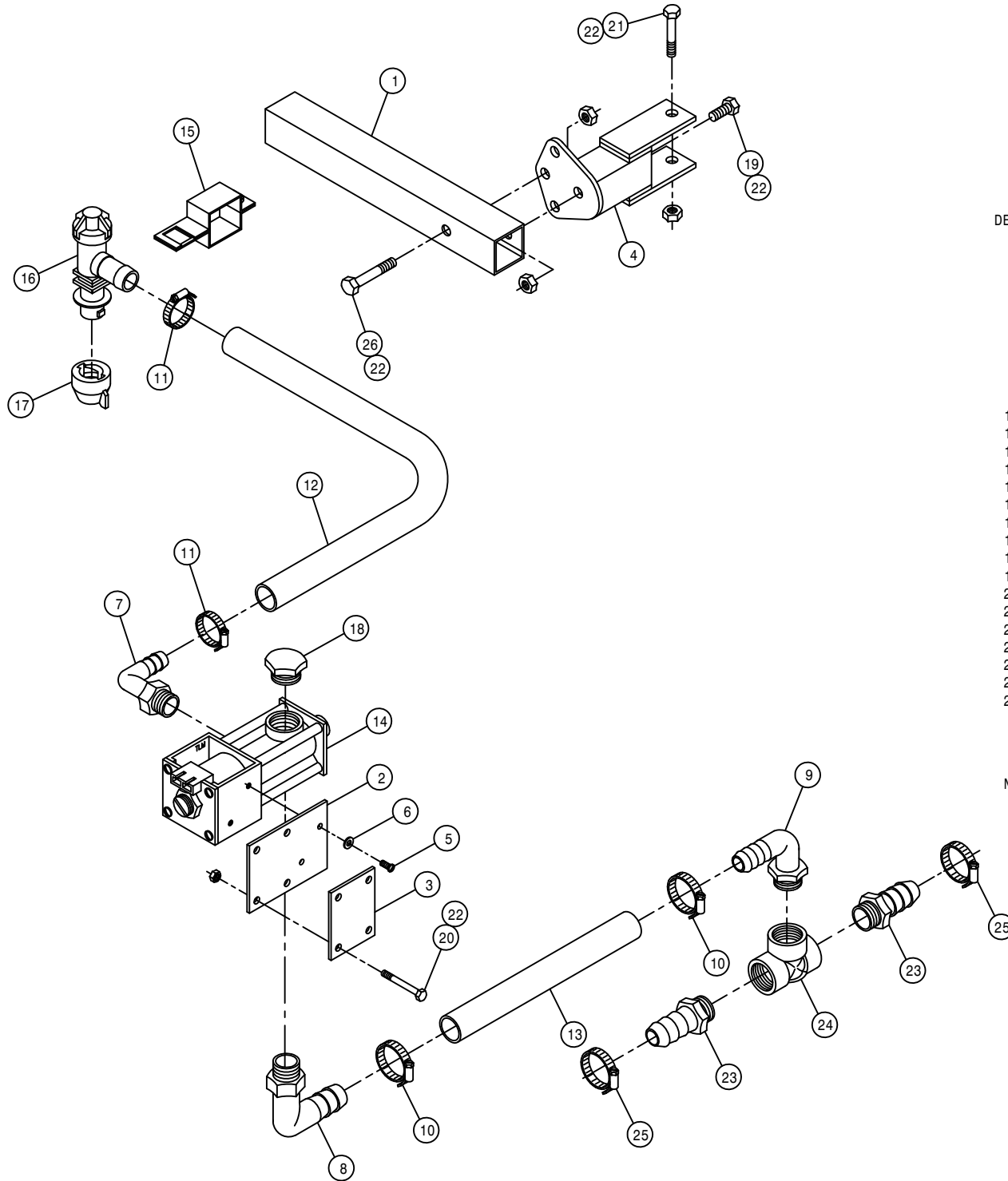
DET. QTY PART NO. DESCRIPTION

1	1	164303	SOLU VLV MT	97
2	1	164304	SOLU VLV MT KEEPER	97
3	1	500043	3/4NPT PIPE PLUG, POLY	
4	1	500047	1/2NPT-90-1/2 HOSE BARB, POLY	
5	1	500085	1" X 3/4NPT REDU NIPPLE, POLY	
6	4	500157	1" FLANGE GASKET	EPDM
7	4	500159	1" FLANGE CLAMP, S.S.	
8	1	500168	1" FLANGE-1" FNPT ADPTR	POLY
9	1	500162	2" FLANGE-1 1/2 HOSE BARB POLY	
10	1	500153	2" FLANGE-90-1 1/2 HBARB POLY	
11	1	695952	SOLUTION VALVE, AA144-1 VITON	
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	1	500175	1" FLANGE TEE	POLY
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	1	500066	1 1/2NPT-90-1 1/2 H BARB POLY	
24	1	500082	1 1/2NPT-90 EL, POLY	
25	1	500101	1 1/2"NPT SWIVEL	POLY
26	2	900064	5/16UNC X 3/4 HEX BOLT	
27	4	910002	5/16UNC HEX NUT	
28	2	914002	5/16UNC HEX STOVER NUT	
29	2	520067	HOSE CLAMP NO 28 STAINLESS	

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



80' BOOM SWIVEL ASSEMBLY

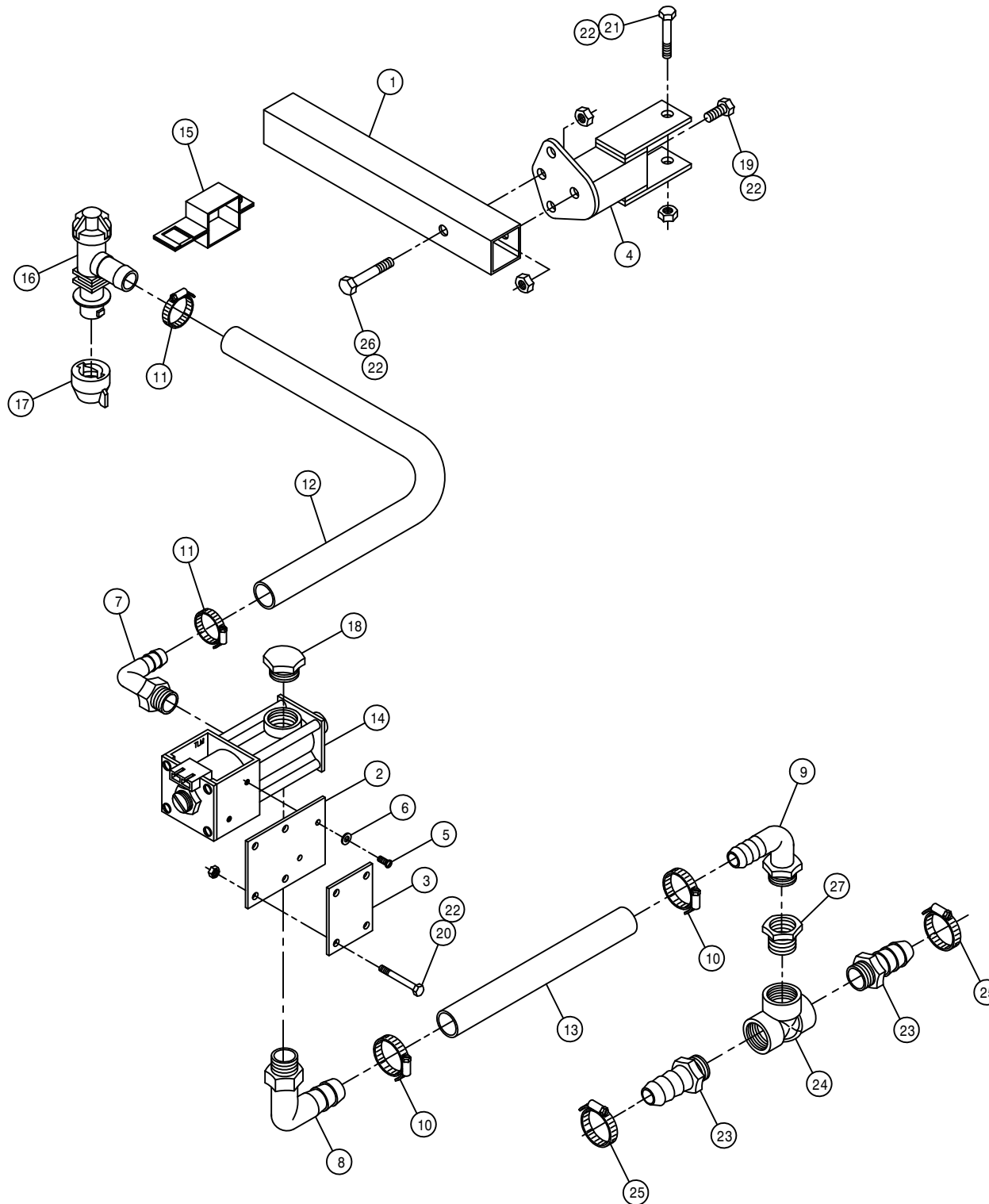


60' BOOM FENCE ROW (STANDARD)

DET. QTY PART NO. DESCRIPTION

1	2	164384	FENCE ROW NOZL MTG TUBE	98
2	2	164397	VLV MT, 60' FENCE ROW NOZL	98
3	2	164398	VLV MT KPR, 60' FENCE ROW NOZL	98
4	2	164399	NOZL MT WLD, 60' FENCE ROW	210098
5	4	472199	10-24 X 1/2 RD HD MACH SCR	
6	4	473821	#10 INT TOOTH WASHER	
7	2	500047	1/2NPT-90-1/2 HOSE BARB, POLY	
8	2	500054	3/4NPT-90-3/4 HOSE BARB, POLY	
9	2	500067	1 NPT-90-3/4 HOSE BARB, POLY	
10	4	520055	HOSE CLAMP NO 12 STAINLESS	
11	4	520070	HOSE CLAMP NO 8 STAINLESS	
12	2	601432	HOSE, 1/2 X 130 1BR BLK EPDM	
13	2	601173	HOSE, 3/4 X 50 1BR BLK EPDM	
14	2	695952	SOLUTION VALVE, AA144-1 VITON	
15	2	737817	NOZL MT CLMP, 1.00 SQ SS, Q-TJET	
16	2	737827	QUICK TEEJET CHK VLV 1/2 SNGL	
17	2	737822	CAP SET, YELLOW QUICK TEEJET	
18	2	500043	3/4NPT PIPE PLUG, POLY	
19	2	900002	1/4UNC X 3/4 HEX BOLT	
20	8	900006	1/4UNC X 1 3/4 HEX BOLT	
21	2	900007	1/4UNC X 2" HEX BOLT	
22	14	914000	1/4UNC HEX STOVER NUT	
23	4	500074	1"NPT-1" HOSE BARB, POLY	
24	2	500075	1" NPT PIPE TEE, POLY	
25	4	520087	HOSE CLAMP NO 20 STAINLESS	
26	2	900005	1/4UNC X 1 1/2 HEX BOLT	

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



60' BOOM FENCE ROW (HI-VOLUME)

DET. QTY PART NO. DESCRIPTION

1	2	164384	FENCE ROW NOZL MTG TUBE	98
2	2	164397	VLV MT, 60' FENCE ROW NOZL	98
3	2	164398	VLV MT KPR,60' FENCE ROW NOZL	98
4	2	164399	NOZL MT WLD,60' FENCE ROW	210098
5	4	472199	10-24 X 1/2 RD HD MACH SCR	
6	4	473821	#10 INT TOOTH WASHER	
7	2	500047	1/2NPT-90-1/2 HOSE BARB, POLY	
8	2	500054	3/4NPT-90-3/4 HOSE BARB, POLY	
9	2	500067	1 NPT-90-3/4 HOSE BARB, POLY	
10	4	520055	HOSE CLAMP NO 12 STAINLESS	
11	4	520070	HOSE CLAMP NO 8 STAINLESS	
12	2	601432	HOSE, 1/2 X 130 1BR BLK EPDM	
13	2	601173	HOSE, 3/4 X 50 1BR BLK EPDM	
14	2	695952	SOLUTION VALVE, AA144-1 VITON	
15	2	737817	NOZL MT CLMP,1.00 SQ SS,Q-TJET	
16	2	737827	QUICK TEEJET CHK VLV 1/2 SNGL	
17	2	737822	CAP SET, YELLOW QUICK TEEJET	
18	2	500043	3/4NPT PIPE PLUG, POLY	
19	2	900002	1/4UNC X 3/4 HEX BOLT	
20	8	900006	1/4UNC X 1 3/4 HEX BOLT	
21	2	900007	1/4UNC X 2" HEX BOLT	
22	14	914000	1/4UNC HEX STOVER NUT	
23	4	500032	1 1/2NPT X 1 1/2 H BARB, POLY	
24	2	500030	1 1/2"NPT PIPE TEE, POLY	
25	4	520067	HOSE CLAMP NO 28 STAINLESS	
26	2	900005	1/4UNC X 1 1/2 HEX BOLT	
27	2	500036	1 1/2"X 1"NPT REDU BUSH, POLY	

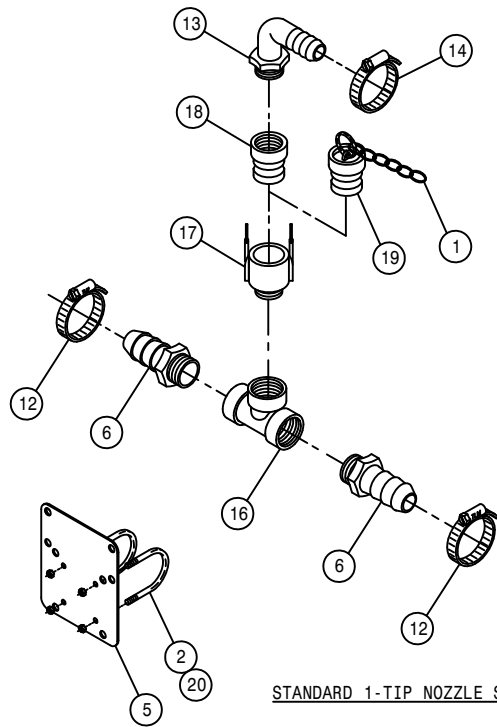
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

BOOM FEEDER TEE ASSEMBLY

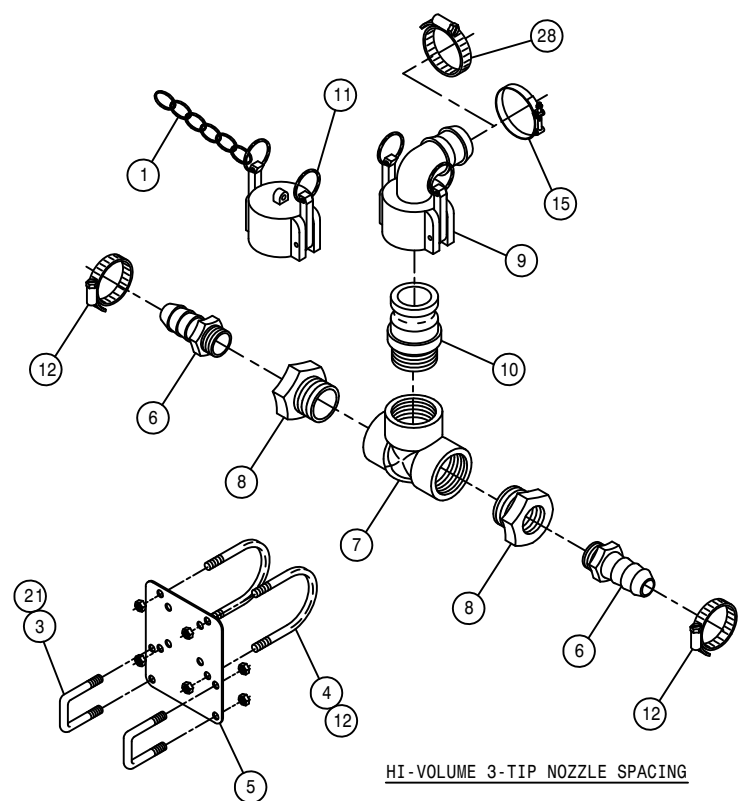
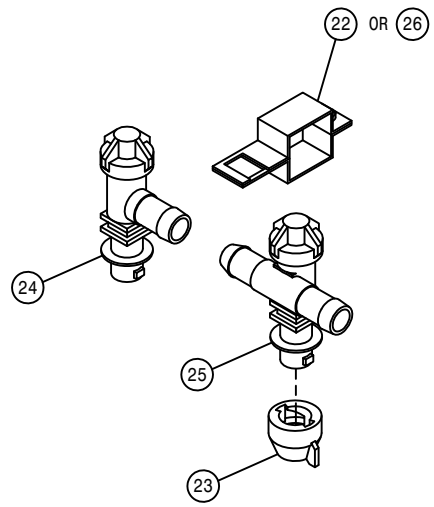
DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	3	160986	CHAIN, 12.00 LONG
2	2	470237	1/4UNC-1 1/2ID-3 1/4 U-BOLT
3	4	473973	.31UNC-1.31ID-2.0 SQ U-BOLT SS
4	2	473974	.31UNC-2.56ID-3.5 U-BOLT SS
5	3	164423	FEEDER TEE MT, HIVOL
6	6	500022	3/4NPT-3/4HOSE BARB, POLY
7	1	500030	1 1/2"NPT PIPE TEE, POLY
8	2	500040	1 1/2 X 3/4 NPT BUSH, POLY
9	1	500093	1.50HOSEBARB-90-FEMALE COUPLER
10	1	500094	1.50MNPT-MALE COUPLER POLY
11	1	500095	CAP FOR 1.50 MALE COUPLER POLY
12	6	520055	HOSE CLAMP NO 12 STAINLESS
13	2	500026	3/4NPT-90-1"HOSE BARB, POLY
14	2	520087	HOSE CLAMP NO 20 STAINLESS
15	1	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
16	2	505218	3/4 NPT PIPE TEE, POLY
17	2	696203	.75MNPT-FEMALE COUPLER POLY
18	2	696202	.75FNPT-MALE COUPLER POLY
19	2	696204	PLUG FOR .75 FEMALE COUPLER
20	8	914000	1/4UNC HEX STOVER NUT
21	12	914017	5/16UNC HEX NUT, TOP LOCK, SS
22	1	737817	NOZL MT CLMP,1.00 SQ SS,Q-TJET
23	1	737822	CAP SET, YELLOW QUICK TEEJET
24	1	737829	QUICK TJET EL BODY DIAPH .75
25	1	737830	QUICK TJET TEE BODY DIAPH .75
26	1	737832	NOZL MT CLMP,1.25 SQ,SS Q-TJET
27	2	473969	1/4UNC-1 1/2 X 2 3/4 RD U-BOLT
28	1	520067	HOSE CLAMP NO 28 STAINLESS

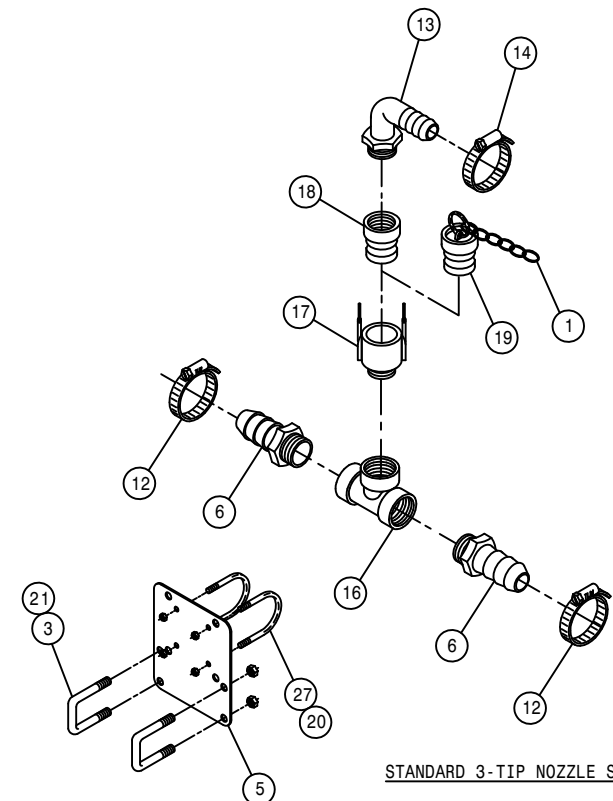
NOTE: DETAIL 15 IS USED WITH 1 1/2 I.D. 2F-1W EPDM HOSE.



STANDARD 1-TIP NOZZLE SPACING



HI-VOLUME 3-TIP NOZZLE SPACING



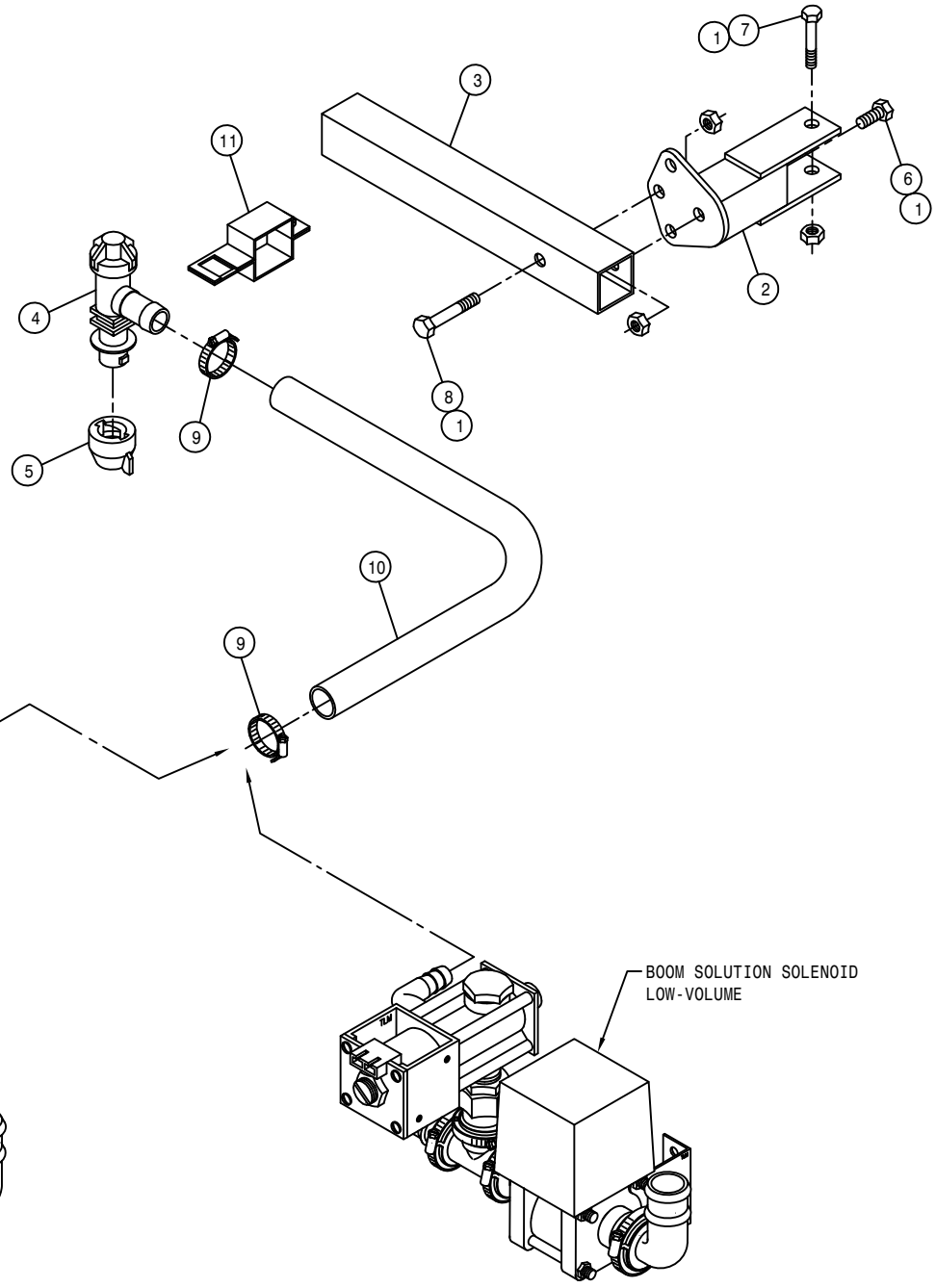
STANDARD 3-TIP NOZZLE SPACING

80'-90' BOOM FENCE ROW

DET. QTY PART NO. DESCRIPTION

1	6	914000	1/4UNC HEX STOVER NUT
2	2	164380	NOZL MT WLD,80/90 FENCE ROW 98
3	2	164384	FENCE ROW NOZL MTG TUBE 98
4	2	737827	QUICK TEEJET CHK VLV 1/2 SNGL
5	2	737822	CAP SET, YELLOW QUICK TEEJET
6	2	900002	1/4UNC X 3/4 HEX BOLT
7	2	900006	1/4UNC X 1 3/4 HEX BOLT
8	2	900005	1/4UNC X 1 1/2 HEX BOLT
9	4	520070	HOSE CLAMP NO 8 STAINLESS
10	2	601167	HOSE, 1/2 X 300 1BR BLK EPDM
11	2	737817	NOZL MT CLMP,1.00 SQ SS,Q-TJET

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



BOOM SOLUTION SOLENOID
HI-VOLUME

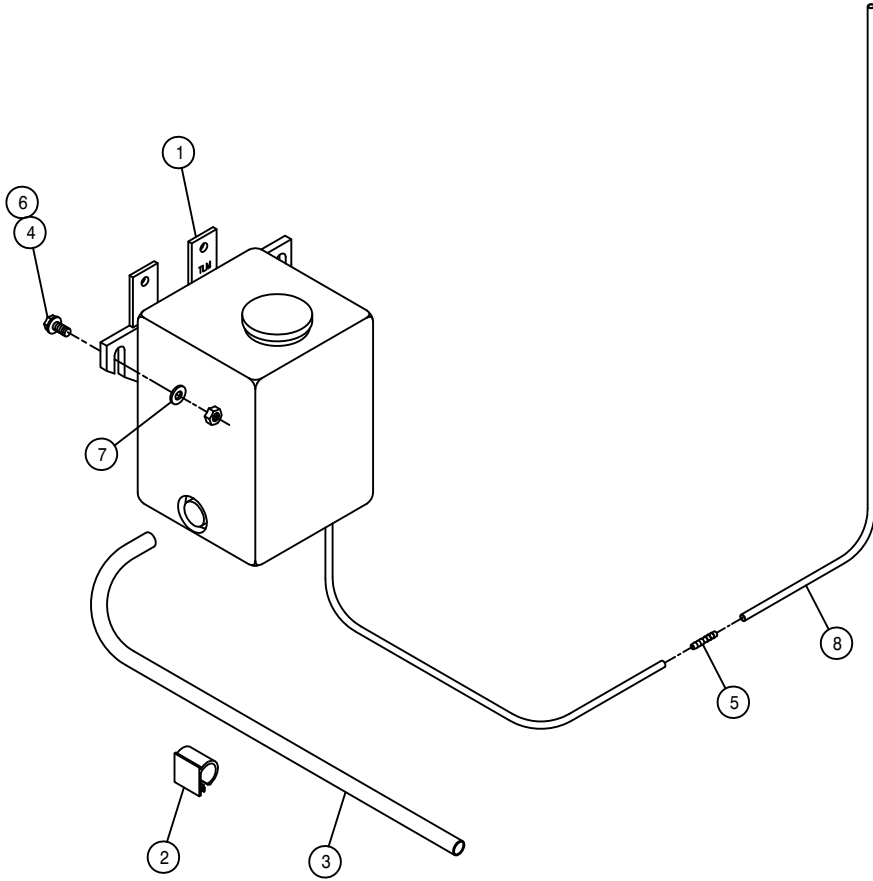
BOOM SOLUTION SOLENOID
LOW-VOLUME

SOLUTION PUMP ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
1	2	160986	CHAIN, 12.00 LONG
2	1	500057	2"NPT X 1 1/2 H BARB, POLY
3	1	500058	2"NPT X 2" H BARB, POLY
4	2	500061	2"NPT-45 ST EL, POLY
5	1	500151	2" FLANGE TEE, POLY
6	3	500156	2" FLANGE CAP PLUG, POLY
7	13	500158	1 1/2" GASKET FOR 2" FLANGE
8	13	500160	2" FLANGE CLAMP, S.S.
9	1	500162	2" FLANGE-1 1/2 HOSE BARB POLY
10	2	500176	2" FLANGE CROSS, POLY
11	2	500180	2" FLANGE-90-2" FLANGE LBO POLY
12	2	500182	2" FLANGE-2" MNPT ADPTR S.S.
13	2	500183	2" FLANGE-2" FNPT ADPTR POLY
14	2	618241	3/4MJIC-90-3/4MOR LBO
15	2	618609	3/4MJIC-90-3/4FJIC SWIV LBO
16	1	690552	FLOMAX 8, 2" PUMP
17	1	690623	CAP FOR 2" MALE ADAPTER, POLY
18	1	690628	LINE "Y" STRAINER, 2" FLANGE
19	1	690629	50 MESH SCREEN FOR 690628
20	1	690630	GASKET FOR 690628
21	1	690631	END CAP FOR 690628
22	1	690632	CLEAN-OUT PLUG FOR 690628
23	1	690633	O-RING, EDPM FOR 690628 PLUG
24	1	696141	BALL VLV, 2" FLANGE/2" MALE ADPTR
25	1	690530	2" SOLU PUMP MT WLD 95
26	1	690390	2.00 FEMALE NPT COUPLER
27	1	690392	ADPTR PLG FOR 2.00 NPT COUPLR
28	2	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
29	1	520141	2.31/2.62 T-BOLT HOSE CLAMP SS
30	4	900066	5/16UNC X 1 1/4 HEX BOLT
31	4	914002	5/16UNC HEX STOVER NUT
32	3	900129	3/8UNC X 1" HEX BOLT
33	3	914004	3/8UNC HEX STOVER NUT
34	2	920002	3/8 SAE FLAT WASHER
35	2	472199	10-24 X 1/2 RD HD MACH SCR
36	2	500024	1"NPT-90-1" HOSE BARB, POLY
37	1	500043	3/4NPT PIPE PLUG, POLY
38	1	500074	1"NPT-1" HOSE BARB, POLY
39	1	500085	1" X 3/4NPT REDU NIPPLE, POLY
40	5	500157	1" FLANGE GASKET, EPDM
41	5	500159	1" FLANGE CLAMP, S.S.
42	2	500161	2" FLANGE-1" FLANGE COUPLER, POLY
43	1	500168	1" FLANGE-1" FNPT ADPTR, POLY
44	1	500173	1" FLANGE-90-1" HOSE BARB, POLY
45	2	500174	1" FLANGE-90-1" FLANGE LBO, POLY
46	2	520070	HOSE CLAMP NO 8 STAINLESS
47	3	520087	HOSE CLAMP NO 20 STAINLESS
48	1	601463	HOSE, 1 X 4 2BR BLK EPDM
49	1	690488	1.00 CHECK VLV, SPRING LOADED
50	1	690098	3/4NPT CLOSE NIPPLE, POLY
51	2	500047	1/2NPT-90-1/2 HOSE BARB, POLY
52	1	690660	LINE "T" STRAINER, 1" FLANGE
53	1	690661	50 MESH SCREEN FOR 690660
54	2	695952	SOLUTION VALVE, AA144-1 VITON
55	1	342014	SOLENOID KEEPER, RINSE SYS

RINSE OPTION

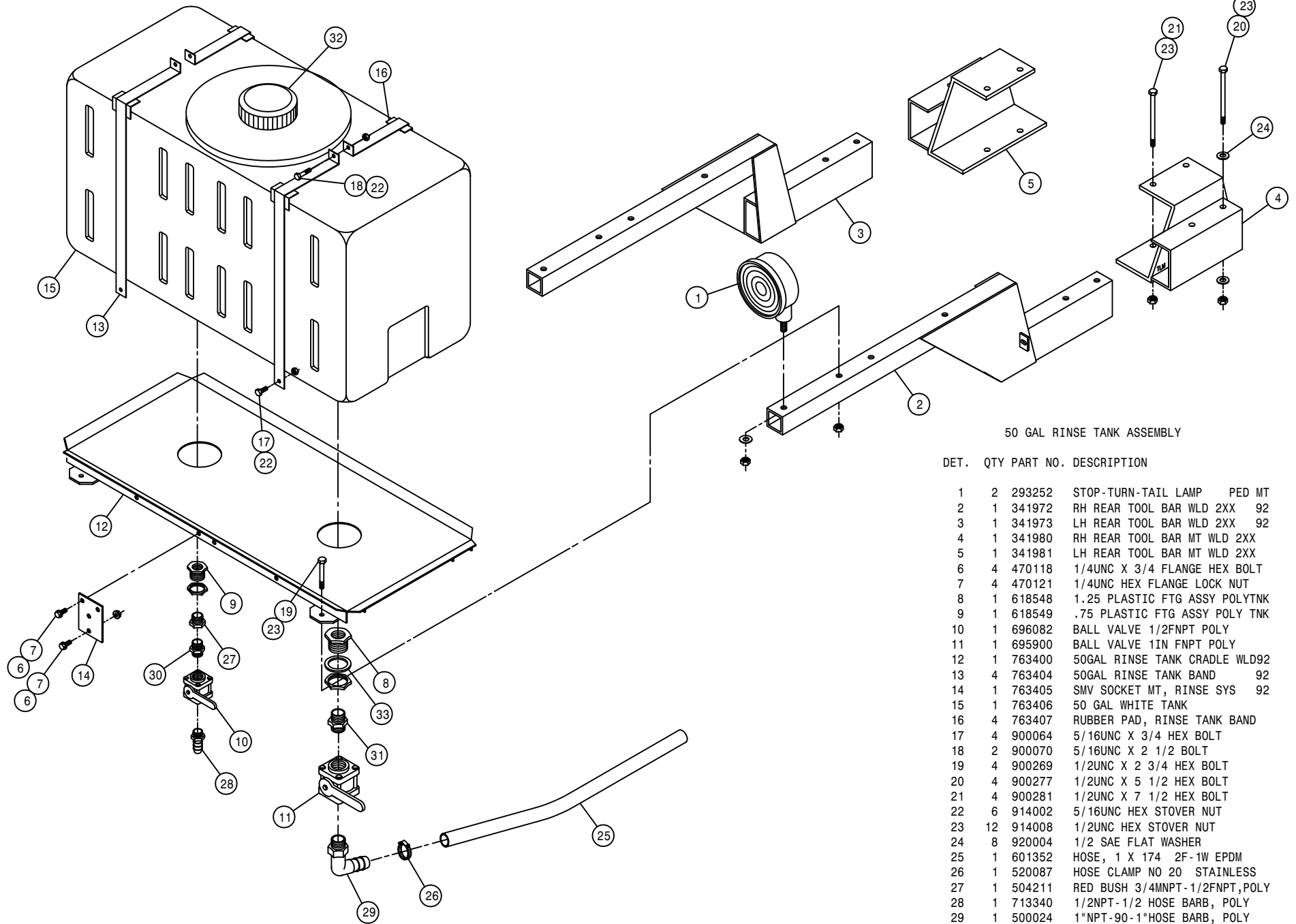
RINSE OPTION



WINDSHIELD WASHER ASSEMBLY

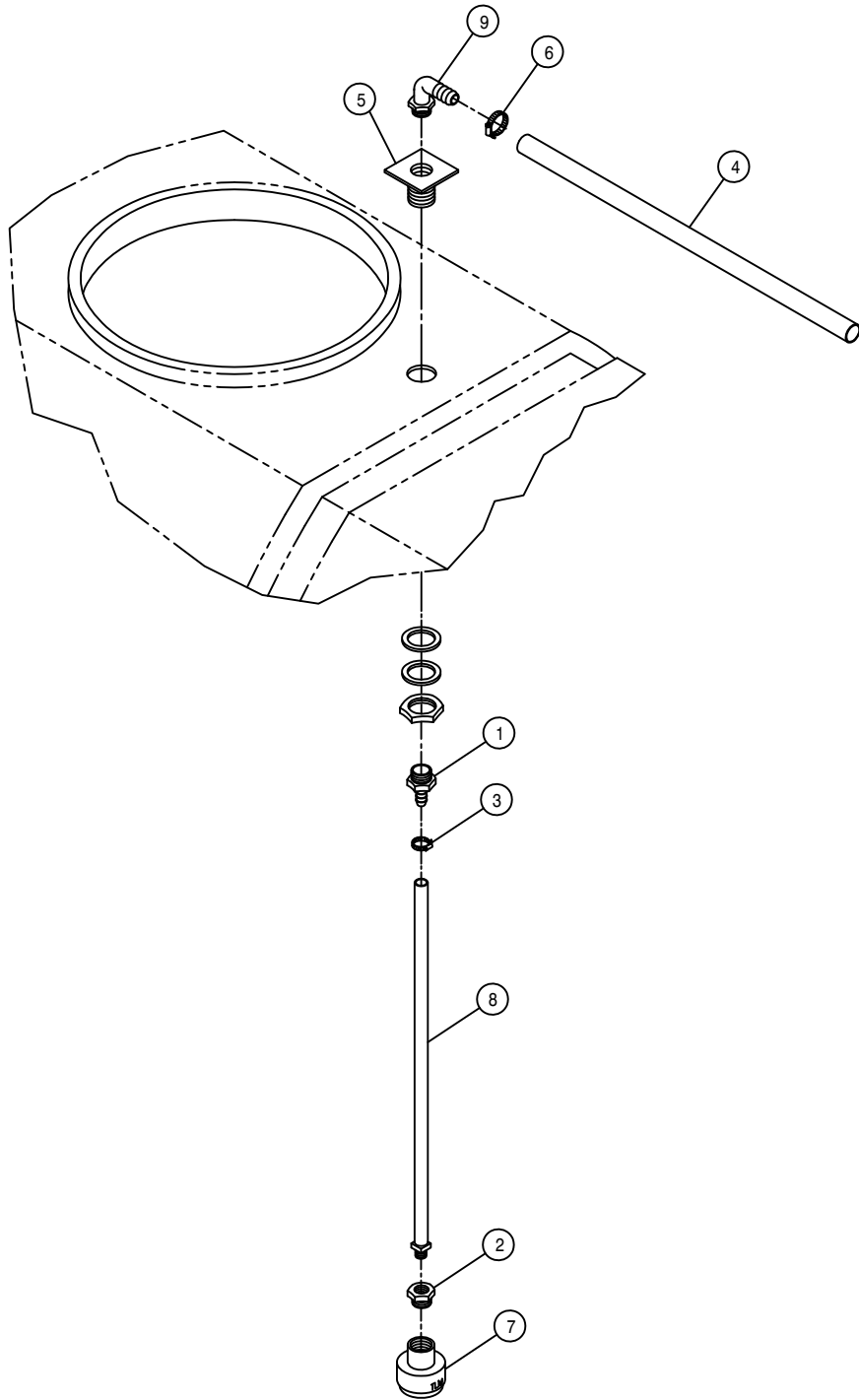
DET. QTY PART NO. DESCRIPTION

1	1	290002	WINDSHIELD WASHER KIT
2	3	291645	3/8 WIRE CLAMP, ADHESIVE BACK
3	5	299110	WIRE FLEX GUARD .35 ID
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



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

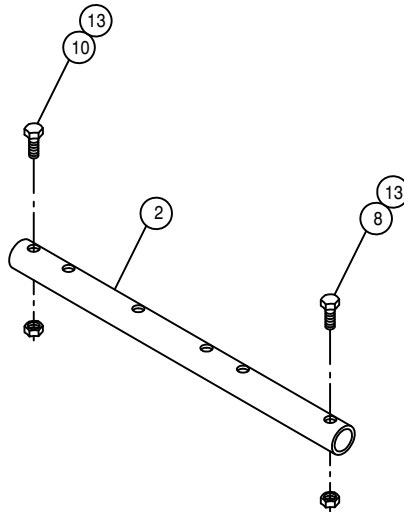
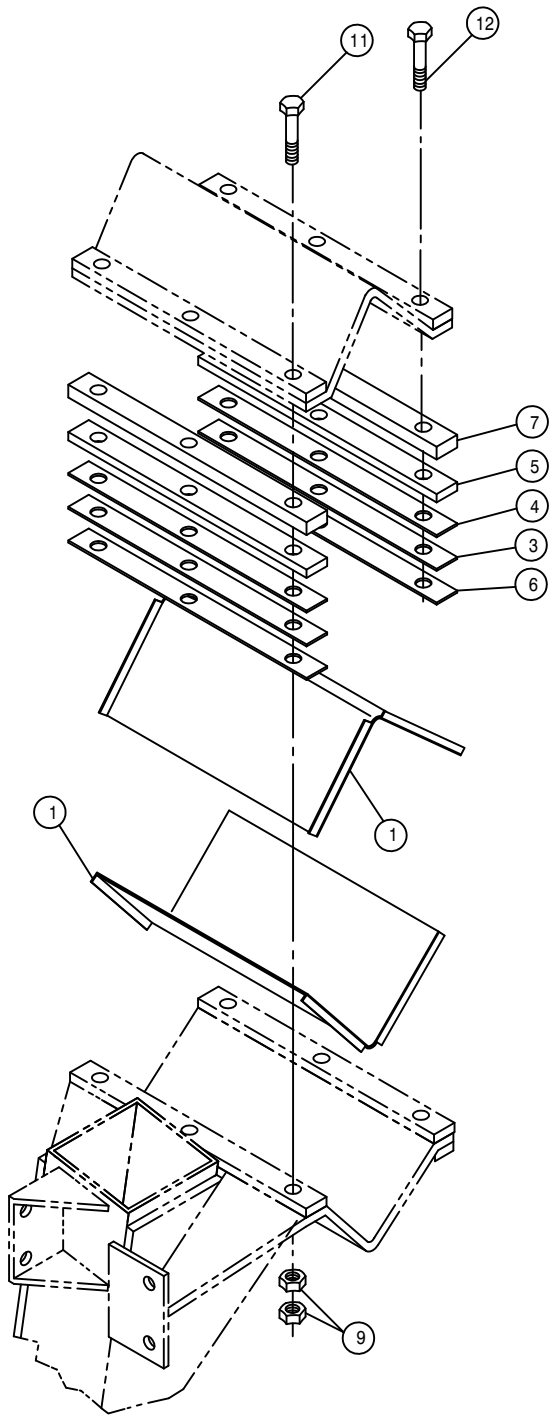


RINSE NOZZLE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	2	500027	3/4NPT-3/8 HOSE BARB, POLY
2	2	504002	RED BUSH 3/4 TO 1/4, POLY
3	2	520120	HOSE CLAMP NO 4 STAINLESS
4	2	601164	HOSE, 1/2 X 117 1BR BLK EPDM
5	2	618549	.75 PLASTIC FTG ASSY POLY TNK
6	2	520070	HOSE CLAMP NO 8 STAINLESS
7	2	737873	ROTARY NOZZLE, TEFLON
8	2	737821	QUICK TEEJET HOSE DROP 24IN
9	2	500041	3/4NPT-90-1/2"HOSE BARB, POLY

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

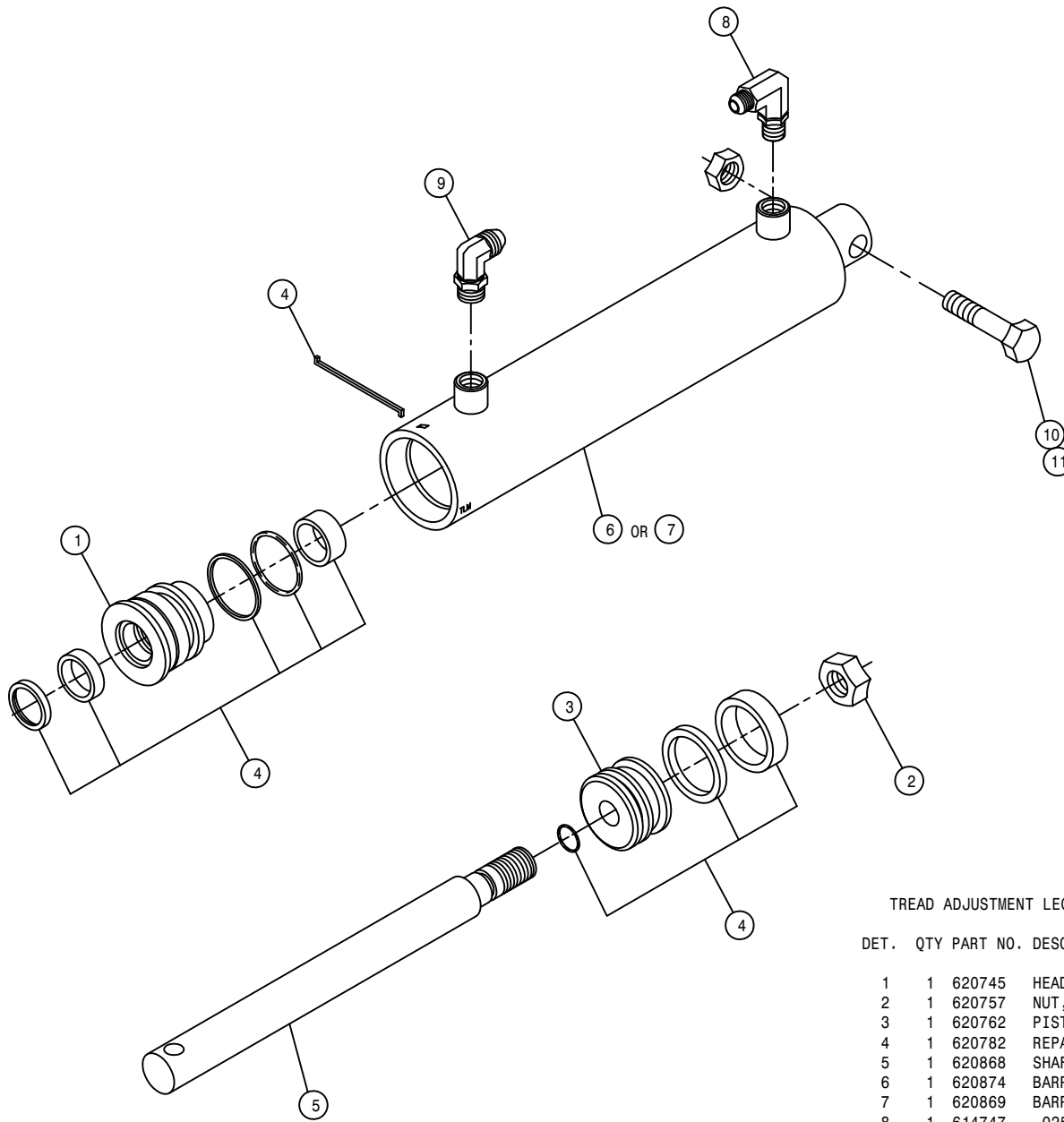


TREAD ADJUSTMENT ASSEMBLY

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.

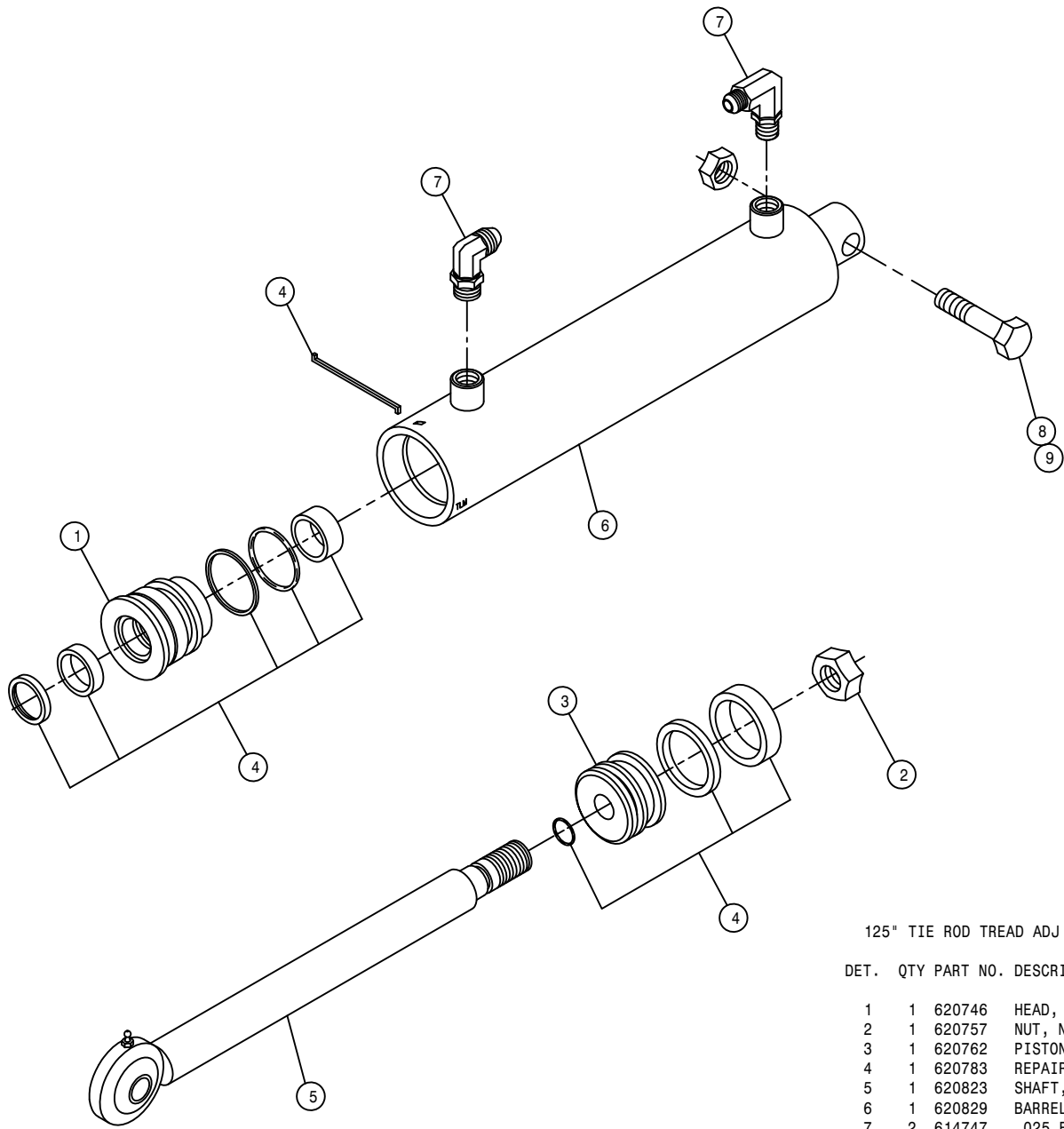


TREAD ADJUSTMENT LEG CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	620745	HEAD, H-2.00-335
2	1	620757	NUT, N-0.75-02
3	1	620762	PISTON, P-2.00-102
4	1	620782	REPAIR KIT, HYD CYL, RK-2.00-804
5	1	620868	SHAFT, LEG CYL, RH TA 284 620865
6	1	620874	BARREL, LEG CYL, LH TA284 620870
7	1	620869	BARREL, LEG CYL, RH TA284 620865
8	1	614747	.025 ELBOW ASSY, 9/16MOR 90D
9	1	618119	9/16MJIC-90-9/16MOR LBO
10	1	900268	1/2UNC X 2 1/2 HEX BOLT
11	1	914008	1/2UNC HEX STOVER NUT

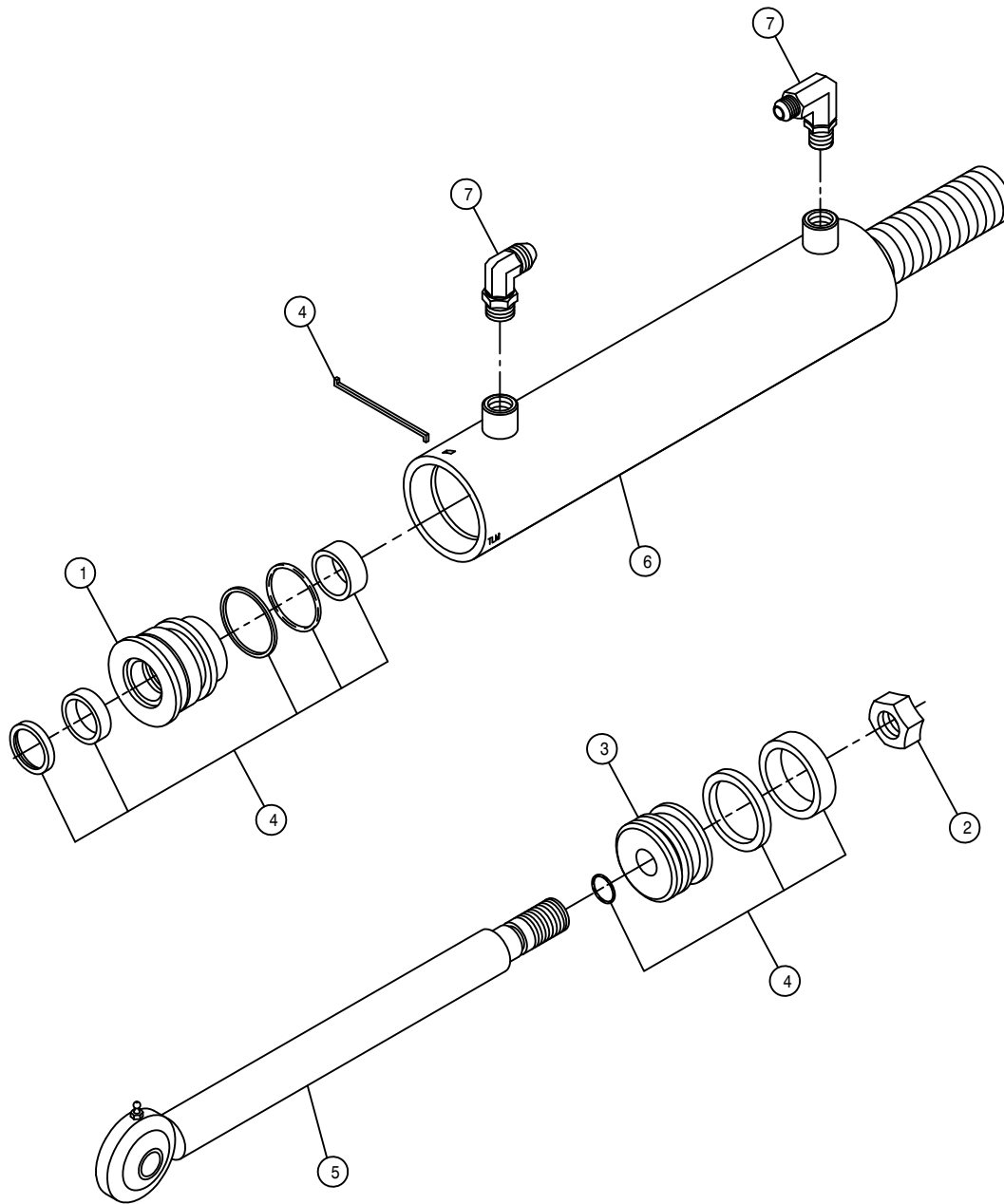
NOTE: 1. 620865 - RH LEG TREAD ADJ CYL ASSEMBLY INCLUDES ITEMS 1-5 & 7
 2. 620870 - LH LEG TREAD ADJ CYL ASSEMBLY INCLUDES ITEMS 1-5 & 6
 3. 621025 - RH LEG TREAD ADJ CYLINDER ASSEMBLY WITH FITTINGS
 4. 621026 - LH LEG TREAD ADJ CYLINDER ASSEMBLY WITH FITTINGS



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

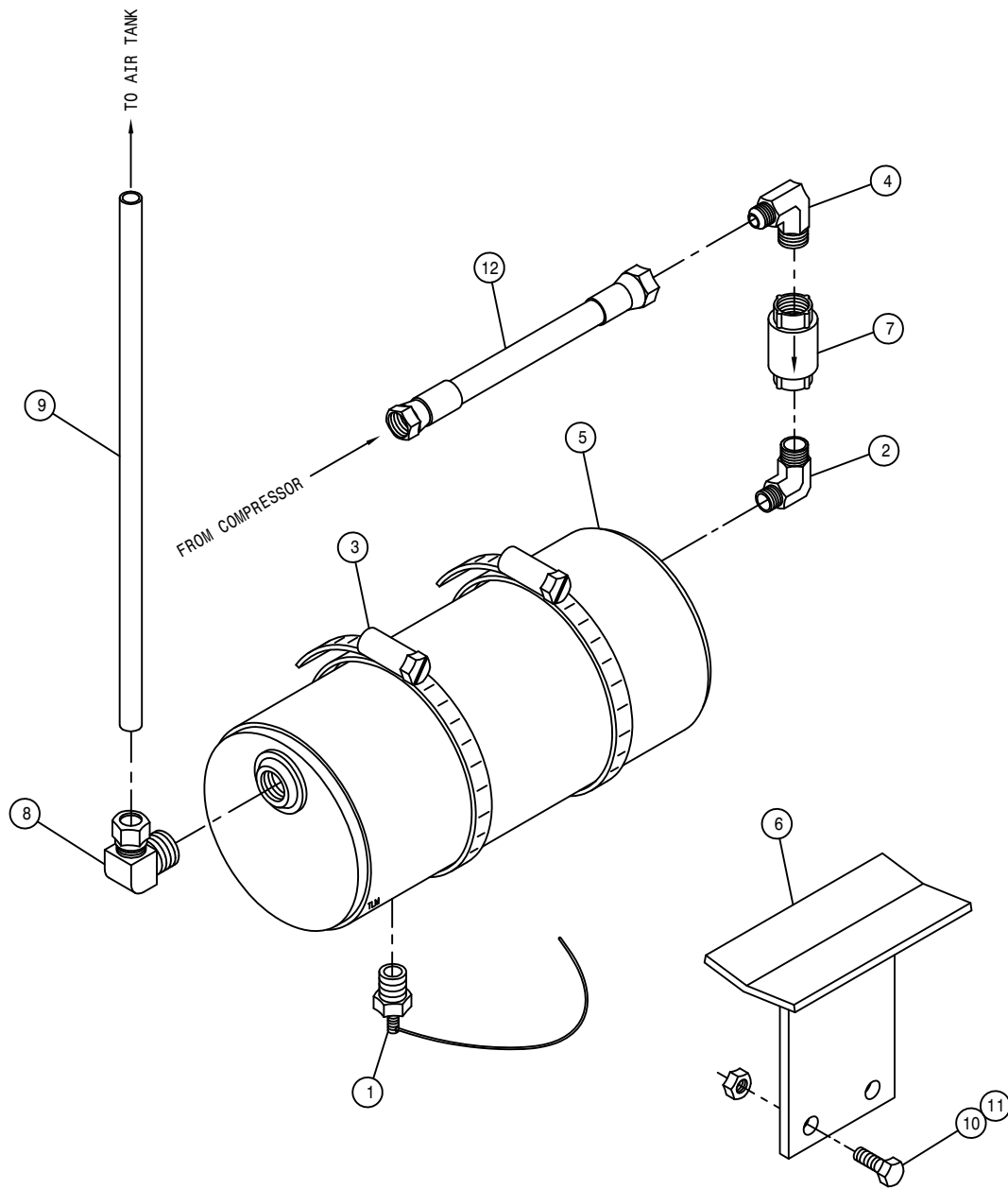


90° TIE ROD TREAD ADJ CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

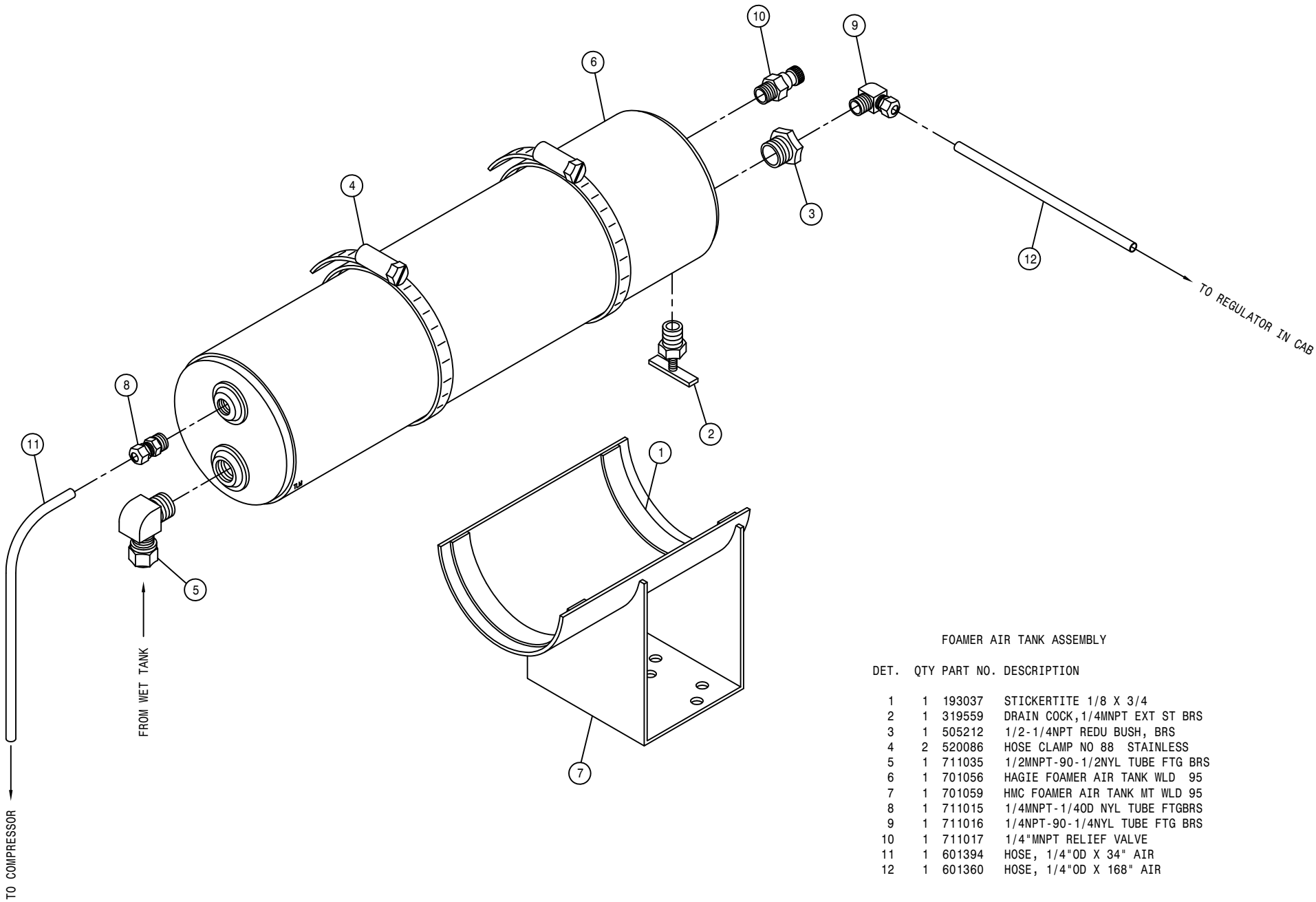
1	1	620746	HEAD, H-2.00-347
2	1	620757	NUT, N-0.75-02
3	1	620762	PISTON, P-2.00-102
4	1	620783	REPAIR KIT, HYD CYL, RK-2.00-805
5	1	620823	SHAFT, STRG CYL, 90" 620820, 825
6	1	620824	BARREL, STRG CYL, 90" TA 620820
7	2	614747	.025 ELBOW ASSY, 9/16MOR 90D

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

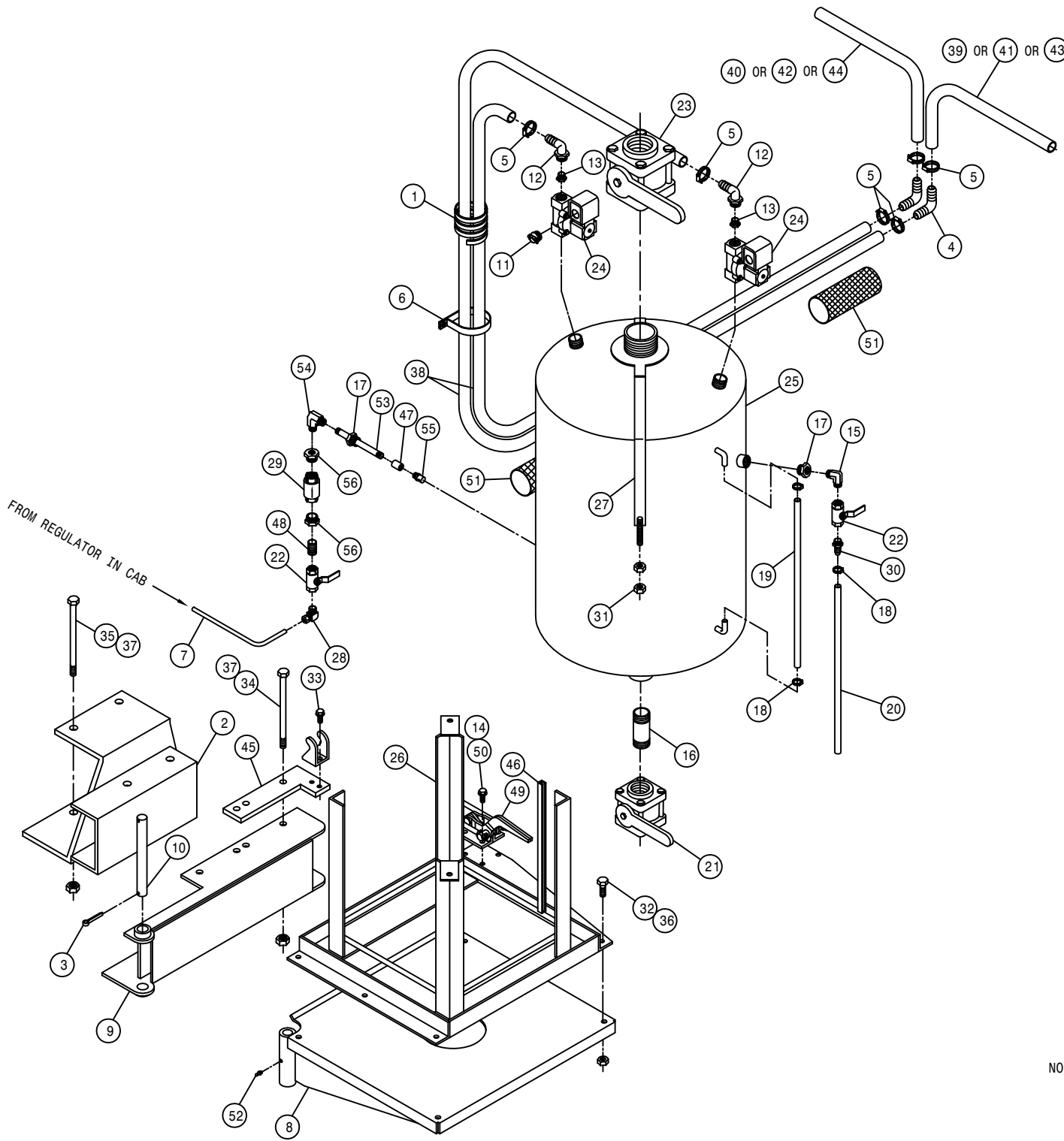
DET.	QTY	PART NO.	DESCRIPTION
	1	470266	DRAIN VALVE KIT, 1/4NPT
	2	618711	3/4MNPT-90-1/2MNPT REDU LBO
	3	520086	HOSE CLAMP NO 88 STAINLESS
	4	610305	3/4MJIC-90-3/4MNPT LBO
	5	701115	WET TANK WLD 98
	6	701146	WET TANK MTG BRKT WLD, 284 99
	7	711050	3/4"FNPT CHECK VALVE S.S.
	8	711035	1/2MNPT-90-1/2NYL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



FOAMER AIR TANK ASSEMBLY

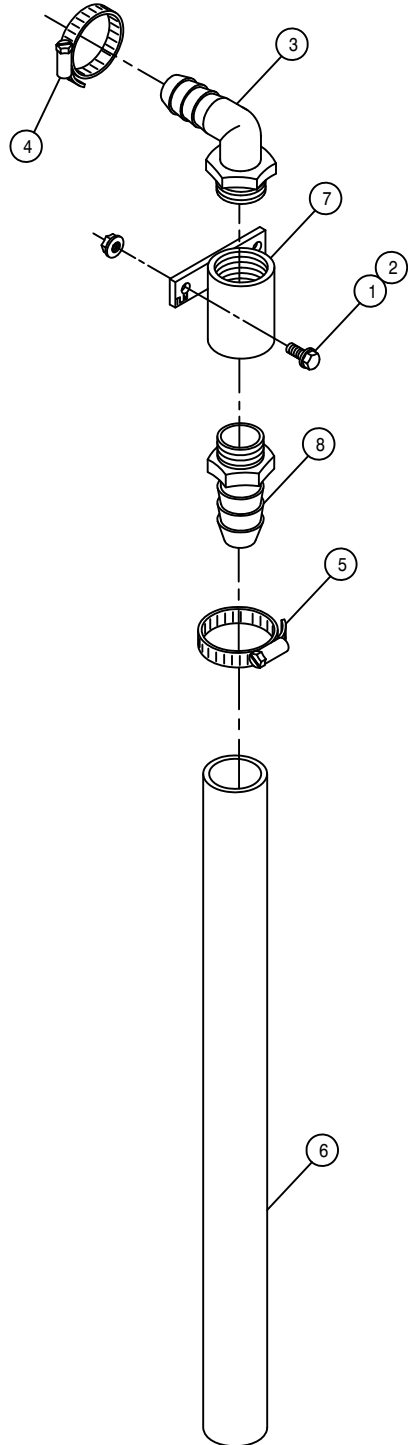
DET.	QTY	PART NO.	DESCRIPTION
	1	193037	STICKERTITE 1/8 X 3/4
	1	319559	DRAIN COCK, 1/4MNPT EXT ST BRS
	1	505212	1/2-1/4NPT REDU BUSH, BRS
	2	520086	HOSE CLAMP NO 88 STAINLESS
	1	711035	1/2MNPT-90-1/2NYL TUBE FTG BRS
	1	701056	HAGIE FOAMER AIR TANK WLD 95
	1	701059	HMC FOAMER AIR TANK MT WLD 95
	1	711015	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	601394	HOSE, 1/4"OD X 34" AIR
	1	601360	HOSE, 1/4"OD 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	3	293056	ROMEX CONNECTOR .50IN 2-SCR
12	2	701150	3/4NPT-90-3/4HBBARB, TAPPED, POLY
13	2	701151	3/8PIPE 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	696163	3/4" ELECT SOLENOID VALVE
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	1	507724	REDU BUSH 3/4MNPT X 1/4FNPT, SS

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.

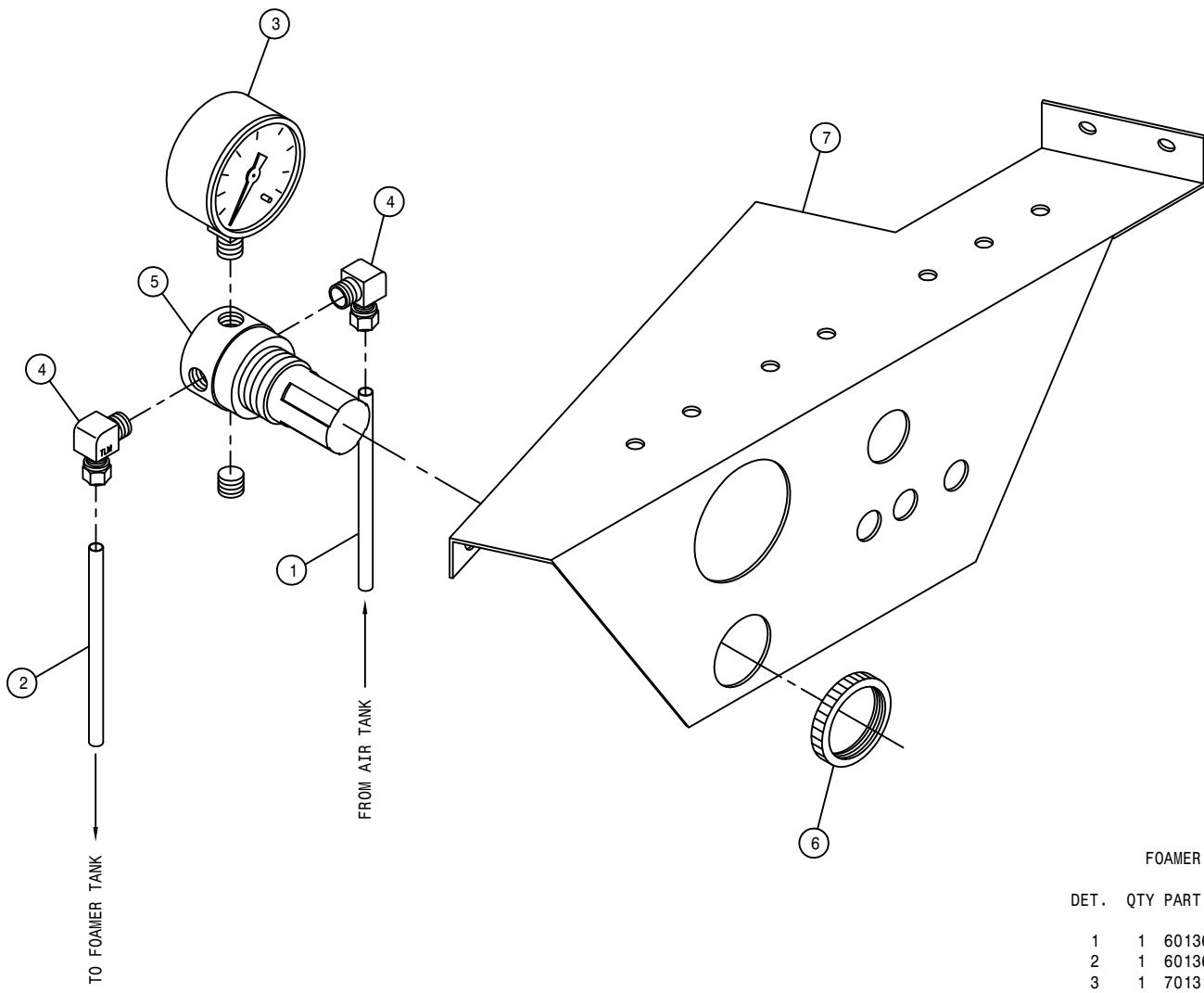


FOAMER DROP END ASSEMBLY

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, 1.25 2BR EPDM X 24.00
7	2	701102	FOAM MARKER DROP CPLR WELD
8	2	714561	1.00NPT-1.25 HOSE BARB

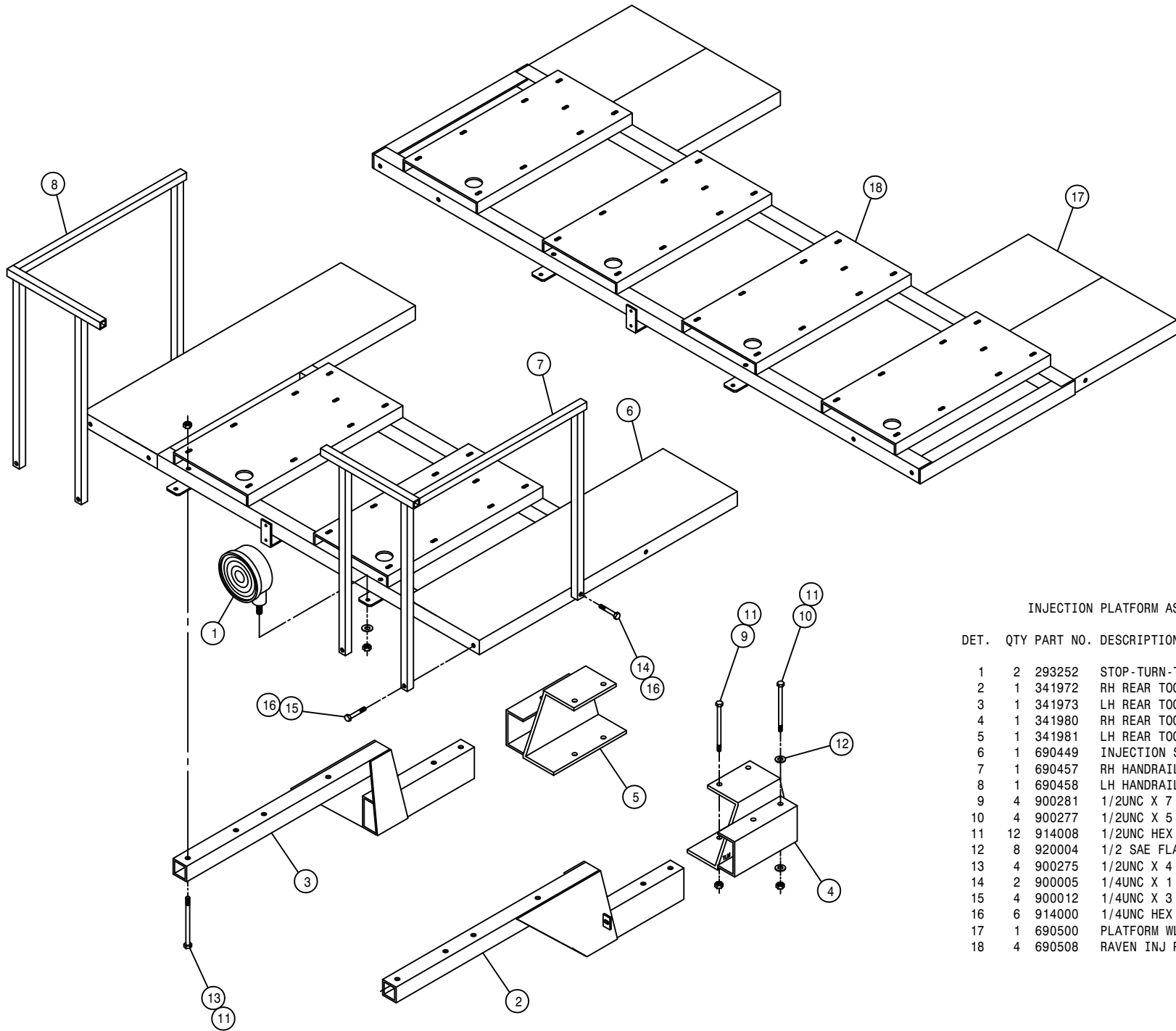
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



FOAMER AIR REGULATOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

1	1	601360	HOSE, 1/4"OD X 168" AIR
2	1	601366	HOSE, 1/4"OD X 192" AIR
3	1	701310	AIR PRESS GAUGE, 1/8"BOT
4	2	711016	1/4NPT-90-1/4NYL TUBE FTG BRS
5	1	711019	1/4"MNPT AIR REGULATOR
6	1	711021	1 1/4-18 NUT,AIR REGULATOR MT
7	1	342215	MONITOR MT, 284 CAB

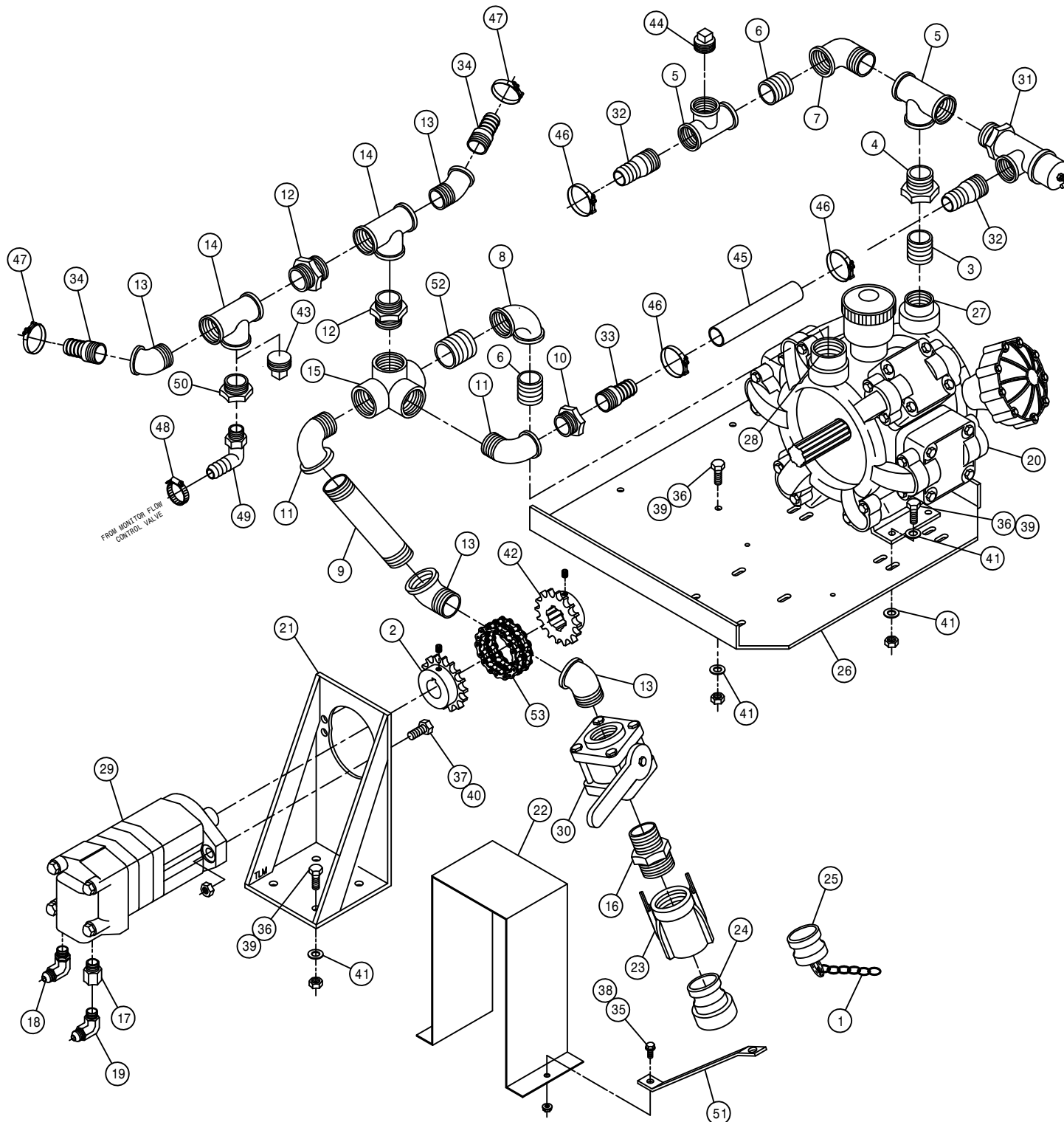


INJECTION PLATFORM ASSEMBLY

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	

HYPRO D230 PUMP ASSEMBLY



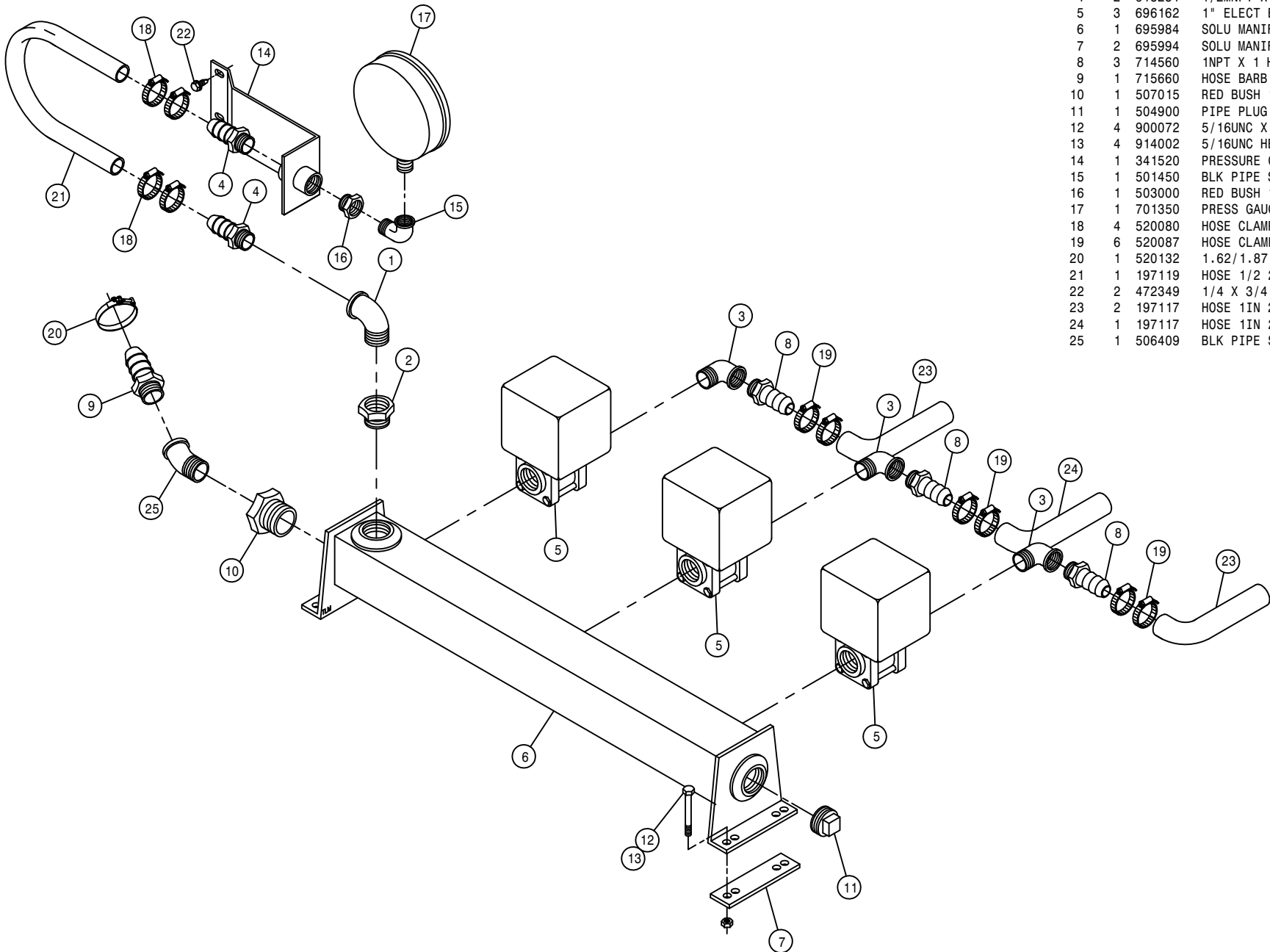
DET.	QTY	PART NO.	DESCRIPTION
1	1	160986	CHAIN, 12.00 LONG
2	1	220026	SPROCKET,4OBS16,1.25ID,.312KE
3	1	505201	CLOSE NIPPLE 1.00NPT
4	1	506005	1 1/4 TO 1 RED BUSH BLK MAL
5	2	506105	BLK PIPE TEE 1.25NPT
6	2	506200	CLOSE NIPPLE 1.25NPT
7	1	506410	BLK PIPE ST EL 90DEG 1.25NPT
8	1	506415	RED EL 90 1 1/2 TO 1 1/4 MAL
9	1	500029	1 1/2NPT X 6 PIPE NIPPLE,POLY
10	1	500037	1 1/2"X 1 1/4NPT BUSH, POLY
11	2	500034	1 1/2NPT-90 ST EL, POLY
12	2	500028	1 1/2NPT PIPE NIPPLE, POLY
13	4	500035	1 1/2"X 1 1/4NPT BUSH, POLY
14	2	500030	1 1/2"NPT PIPE TEE, POLY
15	1	507253	BLK PIPE SIDE OUTLET TEE 1.50
16	1	500038	2"X 1 1/2NPT REDU NIPPLE,POLY
17	1	618171	7/8MOR-3/4FOR ADPTR
18	1	618183	3/4MJIC-90-7/8MOR LBO
19	1	618241	3/4MJIC-90-3/4MOR LBO
20	1	690339	HYPRO D230 DIAPHRAM PUMP
21	1	690353	D150-D230 PUMP MTR MT WLD
22	1	690364	D150-D230 PUMP CPLR SHLD
23	1	690390	2.00 FEMALE NPT COUPLER
24	1	690391	2.00 FEMALE NPT ADPTR
25	1	690392	ADPTR PLG FOR 2.00 NPT COUPLR
26	1	690414	230 HYPRO PUMP MT PLT 280 90
27	1	690417	1FNPT ADAPTER, HYPRO D230
28	1	690418	1 1/4FNPT ADAPTER, HYPRO D230
29	1	695985	CHAR LYNN 2000 SER HYD MTR 79
30	1	696110	BALL VALVE 1 1/2FNPT POLY
31	1	699702	HAMILTON RELIEF VLV 200PSI
32	2	715660	HOSE BARB 1 1/4NPT X 1 1/4
33	1	500033	1 1/4NPT X 1 1/4 H BARB, POLY
34	2	500032	1 1/2NPT X 1 1/2 H BARB, POLY
35	2	900003	1/4UNC X 1" HEX BOLT
36	12	900129	3/8UNC X 1" HEX BOLT
37	2	900265	1/2UNC X 1 1/2" HEX BOLT
38	2	914000	1/4UNC HEX STOVER NUT
39	12	914004	3/8UNC HEX STOVER NUT
40	2	914008	1/2UNC HEX STOVER NUT
41	16	920002	3/8 SAE FLAT WASHER
42	1	220027	SPROCKET WLD,4016-1.375-6SPL
43	1	500031	1 1/2NPT PIPE PLUG, POLY
44	1	506101	PIPE PLUG 1.25NPT SQ HD
45	1	197120	HOSE 1 1/4 2-FBR BR BLK EPDM
46	3	520132	1.62/1.87 T-BOLT HOSE CLAMP
47	2	520133	1.81/2.06 T-BOLT HOSE CLAMP
48	1	520087	HOSE CLAMP NO 20 PLATED
49	1	500024	1"NPT-90-1"HOSE BARB, POLY
50	1	500036	1 1/2"X 1"NPT REDU BUSH, POLY
51	1	690480	VLV/CPLR SUPPORT,D230 PUMP 94
52	1	507019	CLOSE NIPPLE 1.50NPT
53	1	492084	CHAIN FOR 492083 4016

*NOTE: ITEMS 48,49, AND 50 ARE USED WITH THE MONITOR OPTION.

HYPRO D230 HP MANIFOLD ASSEMBLY

DET. QTY PART NO. DESCRIPTION

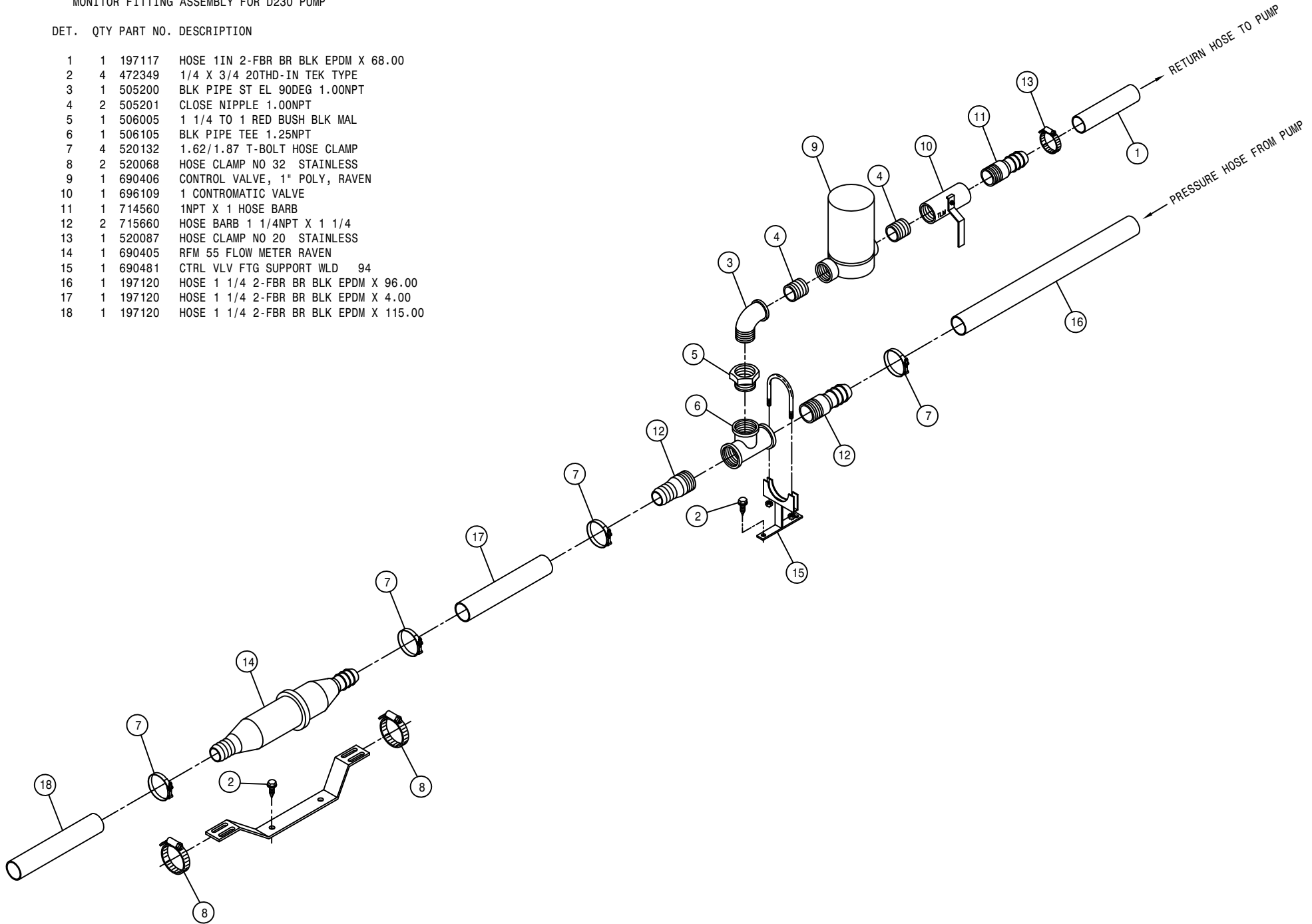
DET.	QTY	PART NO.	DESCRIPTION
1	1	503400	BLK PIPE ST EL 90DEG .50NPT
2	1	504210	RED BUSH 3/4 NPT X 1/2 NPT
3	3	505200	BLK PIPE ST EL 90DEG 1.00NPT
4	2	618281	1/2MNPT X 1/2 HOSE INSERT
5	3	696162	1" ELECT BALL VLV, 344AEC-2-1
6	1	695984	SOLU MANIF WLD D150-D230
7	2	695994	SOLU MANIF KEEPER OPTION
8	3	714560	1NPT X 1 HOSE BARB
9	1	715660	HOSE BARB 1 1/4NPT X 1 1/4
10	1	507015	RED BUSH 1.50NPT - 1.25FNPT
11	1	504900	PIPE PLUG .75NPT SQ HD
12	4	900072	5/16UNC X 3" HEX BOLT
13	4	914002	5/16UNC HEX STOVER NUT
14	1	341520	PRESSURE GAUGE MT WLD 8240X11
15	1	501450	BLK PIPE ST EL 90DEG .25NPT
16	1	503000	RED BUSH 1/2 TO 1/4 BLK MAL
17	1	701350	PRESS GAUGE 300LB BOT FILL
18	4	520080	HOSE CLAMP NO 10 STAINLESS
19	6	520087	HOSE CLAMP NO 20 STAINLESS
20	1	520132	1.62/1.87 T-BOLT HOSE CLAMP
21	1	197119	HOSE 1/2 2-FBR BR BLK EPDM X 206"
22	2	472349	1/4 X 3/4 20THD-IN TEK TYPE
23	2	197117	HOSE 1IN 2-FBR BR BLK EPDM X 288"
24	1	197117	HOSE 1IN 2-FBR BR BLK EPDM X 36"
25	1	506409	BLK PIPE ST EL 45DEG 1.25NPT

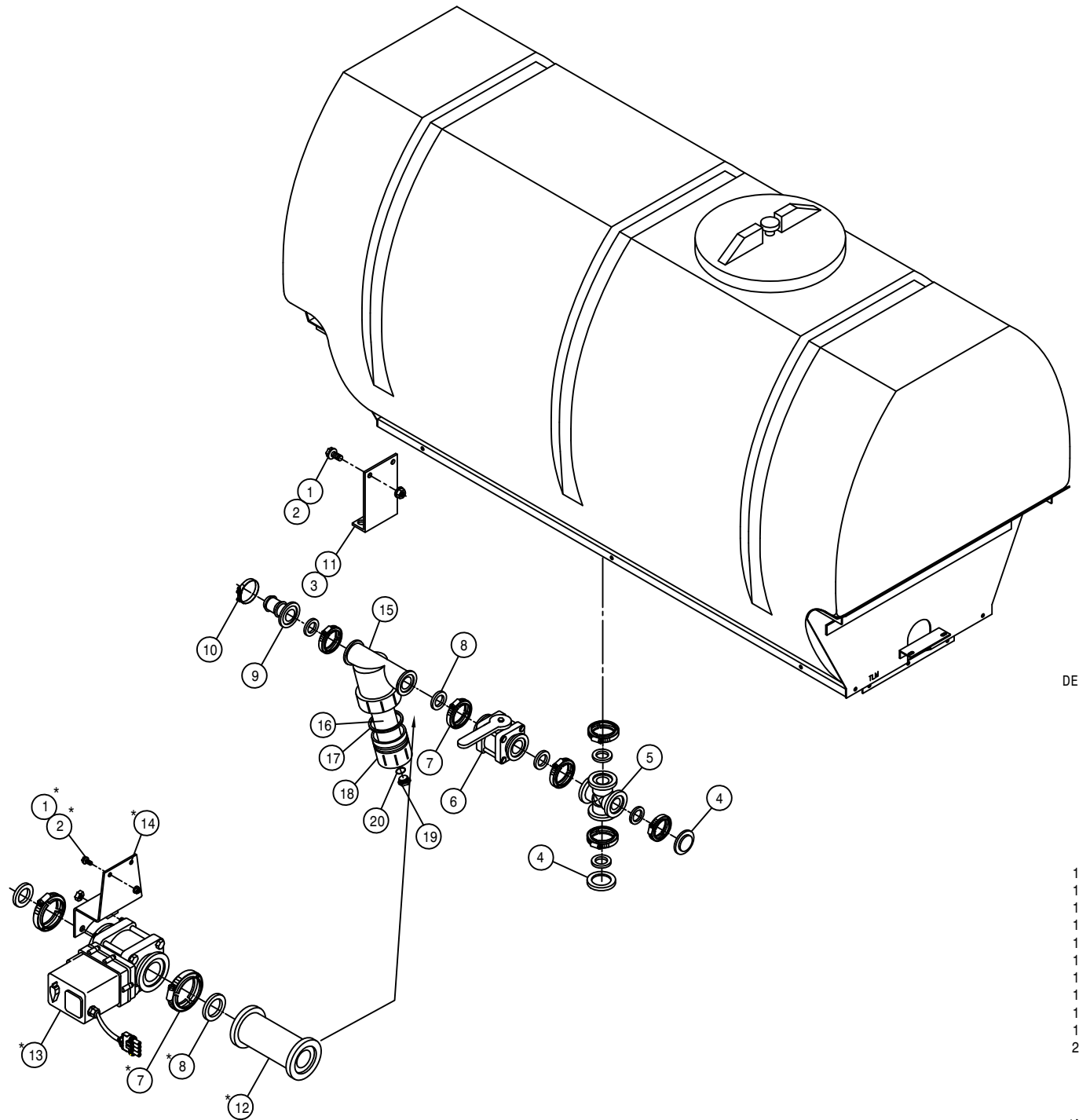


MONITOR FITTING ASSEMBLY FOR D230 PUMP

DET. QTY PART NO. DESCRIPTION

1	1	197117	HOSE 1IN 2-FBR BR BLK EPDM X 68.00
2	4	472349	1/4 X 3/4 20THD-IN TEK TYPE
3	1	505200	BLK PIPE ST EL 90DEG 1.00NPT
4	2	505201	CLOSE NIPPLE 1.00NPT
5	1	506005	1 1/4 TO 1 RED BUSH BLK MAL
6	1	506105	BLK PIPE TEE 1.25NPT
7	4	520132	1.62/1.87 T-BOLT HOSE CLAMP
8	2	520068	HOSE CLAMP NO 32 STAINLESS
9	1	690406	CONTROL VALVE, 1" POLY, RAVEN
10	1	696109	1 CONTROMATIC VALVE
11	1	714560	1NPT X 1 HOSE BARB
12	2	715660	HOSE BARB 1 1/4NPT X 1 1/4
13	1	520087	HOSE CLAMP NO 20 STAINLESS
14	1	690405	RFM 55 FLOW METER RAVEN
15	1	690481	CTRL VLV FTG SUPPORT WLD 94
16	1	197120	HOSE 1 1/4 2-FBR BR BLK EPDM X 96.00
17	1	197120	HOSE 1 1/4 2-FBR BR BLK EPDM X 4.00
18	1	197120	HOSE 1 1/4 2-FBR BR BLK EPDM X 115.00

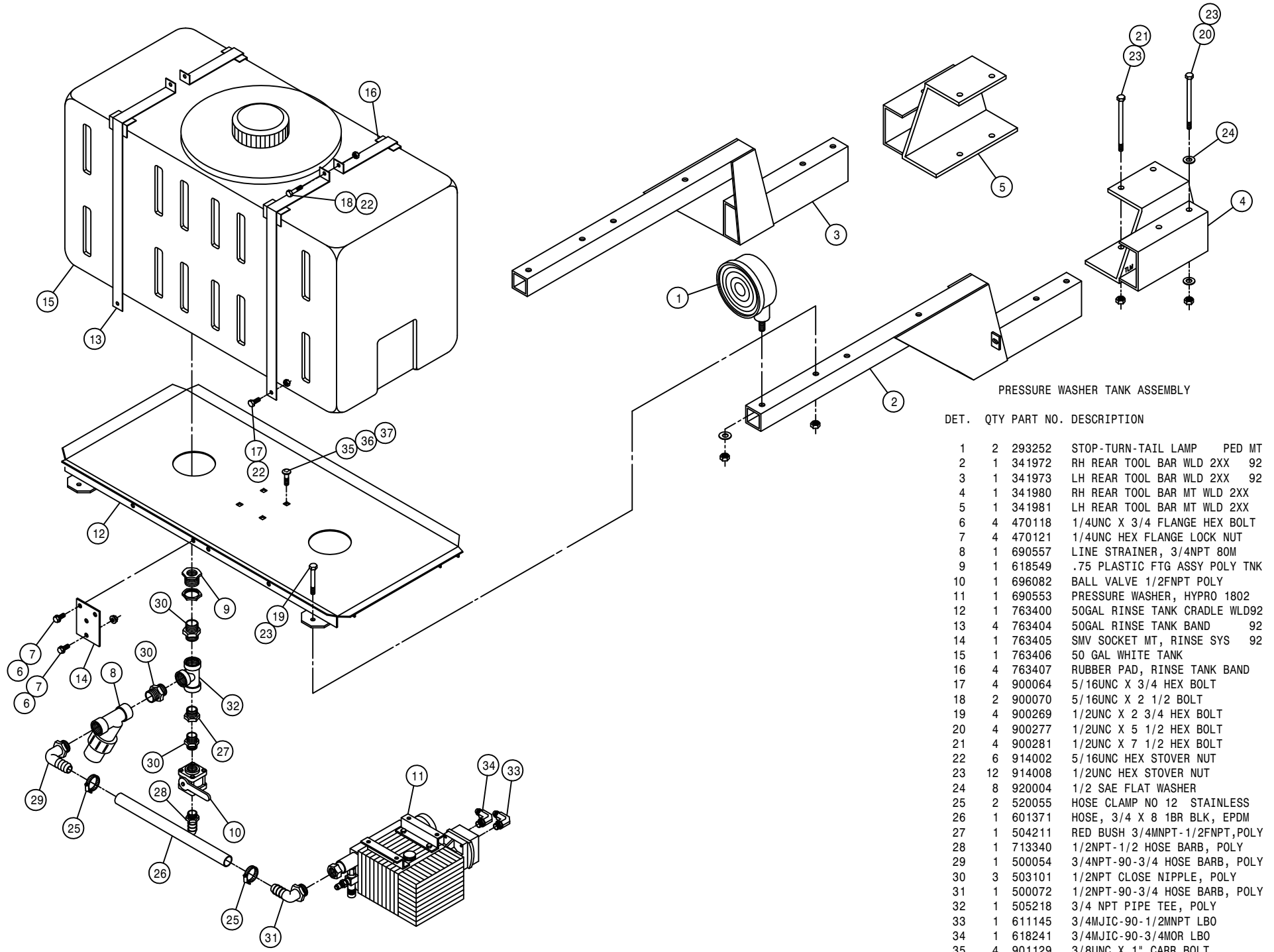




SOLUTION FILTER ASSEMBLY FOR D230 HP PUMP

DET.	QTY	PART NO.	DESCRIPTION
	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
	4	470121	1/4UNC HEX FLANGE LOCK NUT
	1	470000	CABLE TIE, 21" BLACK PLASTIC
	2	500156	2" FLANGE CAP PLUG POLY
	1	500157	1" FLANGE GASKET EPDM
	1	696142	BALL VLV, 2" FLANGE
	8	500160	2" FLANGE CLAMP, S.S.
	8	500158	1 1/2" GASKET FOR 2" FLANGE
	1	500162	2" FLANGE-1 1/2 HOSE BARB POLY
	1	520133	1.81/2.06 T-BOLT HOSE CLAMP SS
	1	763363	SOLU HOSE SUPPORT 280 POLY 91
	1	500179	2" BOLTED TANK FLANGE POLY
	1	696176	ELECT BALL VLV, 2" FLANGE
	1	763549	ELECT SOLU VLV SUPPORT,284 00
	1	690628	LINE "Y" STRAINER, 2" FLANGE
	1	690629	50 MESH SCREEN FOR 690628
	1	690630	GASKET FOR 690628
	1	690631	END CAP FOR 690628
	1	690632	CLEAN-OUT PLUG FOR 690628
	1	690633	O-RING,EDPM FOR 690628 PLUG

*NOTE: ITEMS 1,2,7,8,12,13,AND 14 ARE USED WITH ELECTRIC VALVE OPTION.



PRESSURE WASHER TANK ASSEMBLY

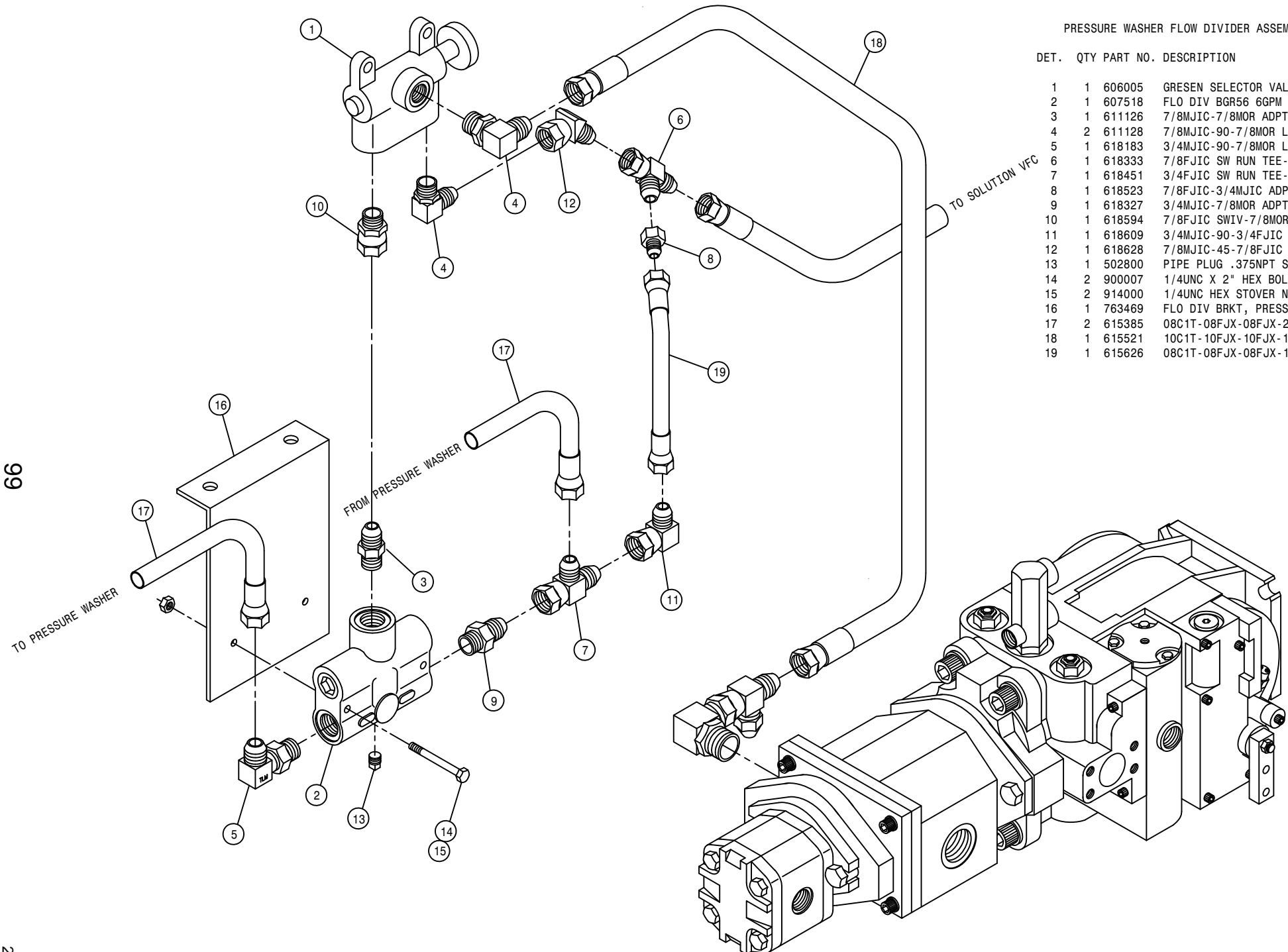
DET.	QTY	PART NO.	DESCRIPTION
1	2	293252	STOP-TURN-TAIL LAMP PED MT
2	1	341972	RH REAR TOOL BAR WLD 2XX 92
3	1	341973	LH REAR TOOL BAR WLD 2XX 92
4	1	341980	RH REAR TOOL BAR MT WLD 2XX
5	1	341981	LH REAR TOOL BAR MT WLD 2XX
6	4	470118	1/4UNC X 3/4 FLANGE HEX BOLT
7	4	470121	1/4UNC HEX FLANGE LOCK NUT
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

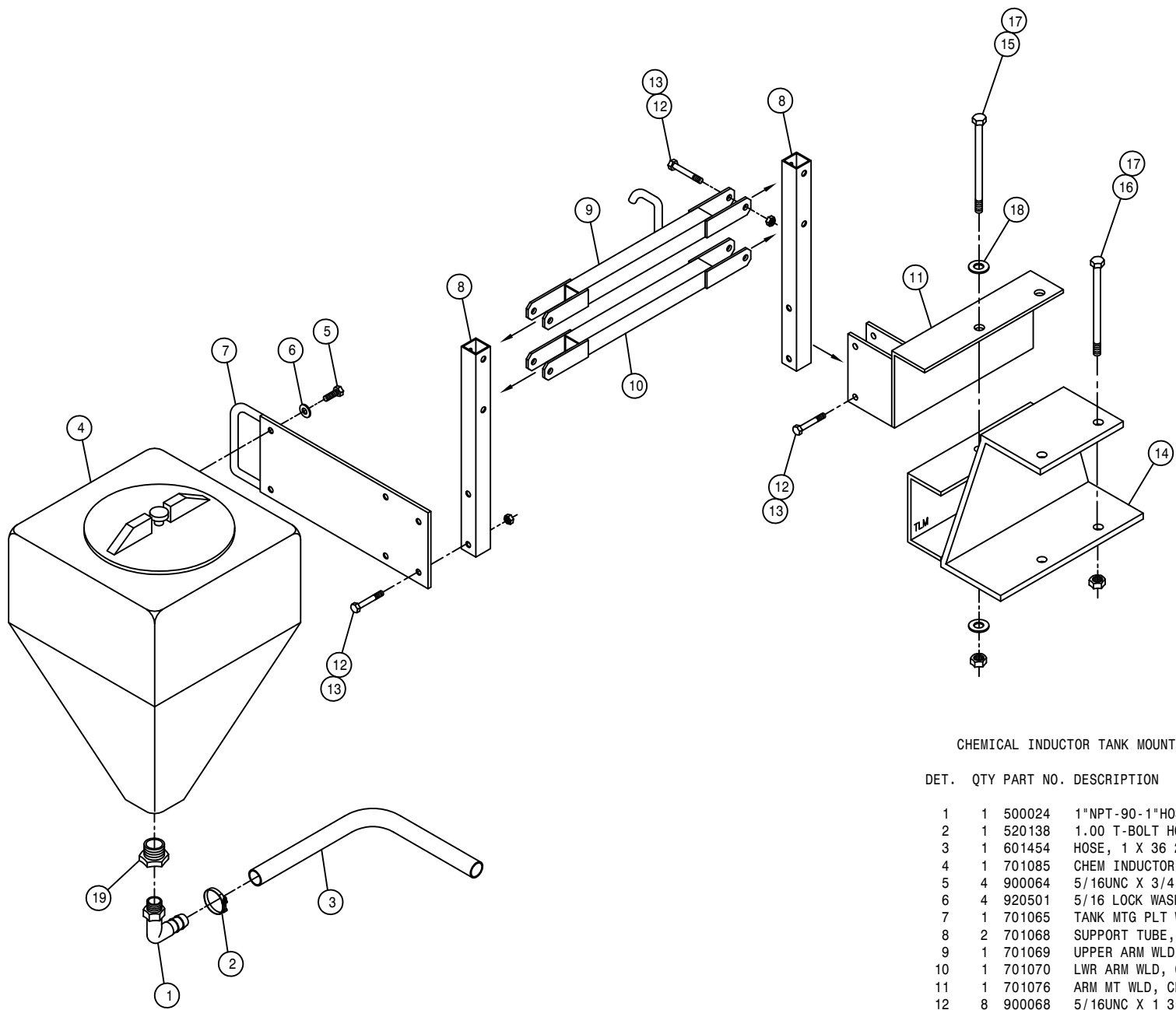
PRESSURE WASHER FLOW DIVIDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

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

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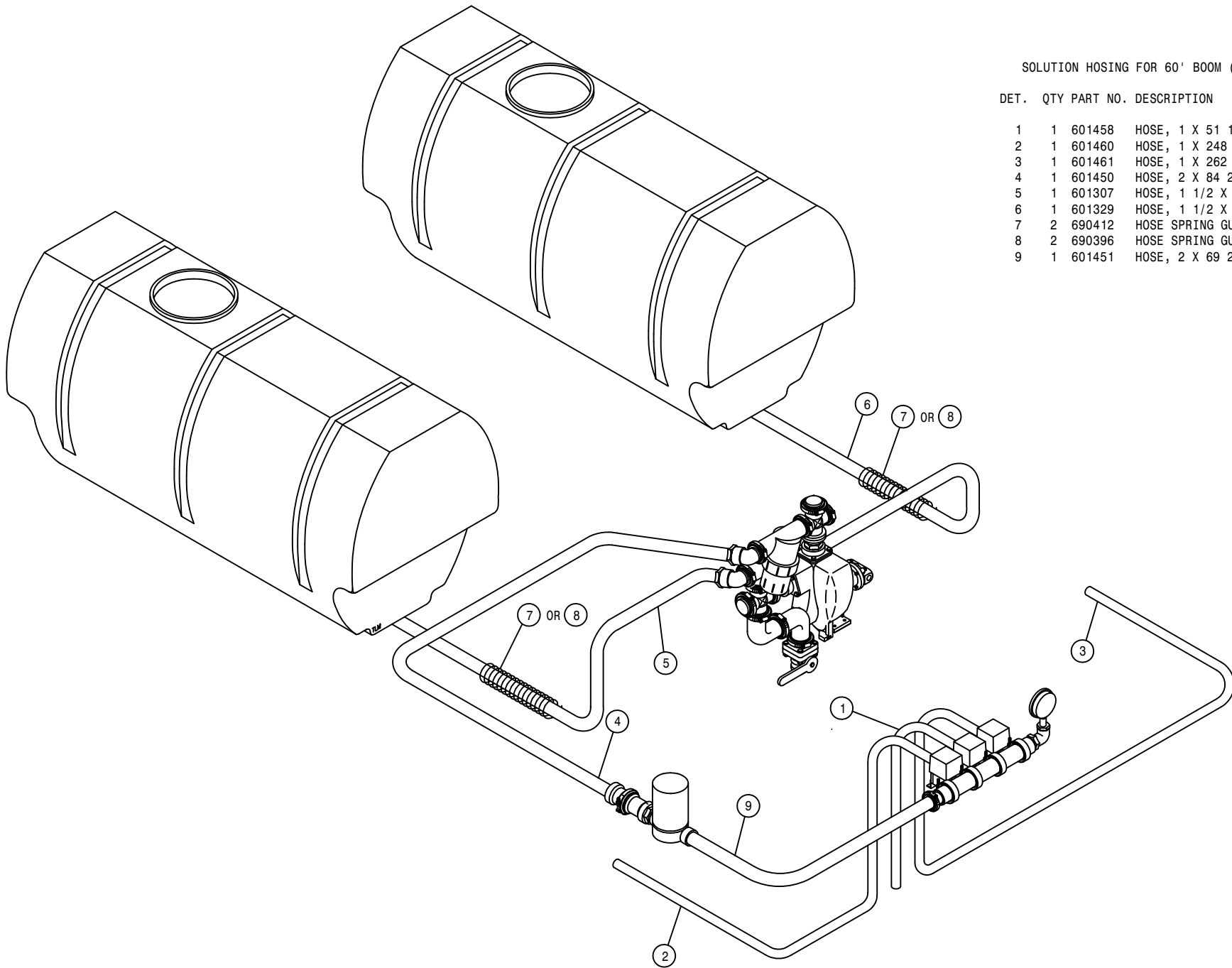
CHEMICAL INDUCTOR TANK MOUNT ASSEMBLY

DET.	QTY	PART NO.	DESCRIPTION
	1	500024	1"NPT-90-1"HOSE BARB, POLY
	1	520138	1.00 T-BOLT HOSE CLAMP
	1	601454	HOSE, 1 X 36 2F-1W EPDM
	1	701085	CHEM INDUCTOR TANK, 5 GAL, SQ
	4	900064	5/16UNC X 3/4 HEX BOLT
	4	920501	5/16 LOCK WASHER
	1	701065	TANK MTG PLT WLD, CHEM INDUCTR
	2	701068	SUPPORT TUBE, CHEM INDUCTOR
	1	701069	UPPER ARM WLD, CHEM INDUCTOR
	1	701070	LWR ARM WLD, CHEM INDUCTOR
	1	701076	ARM MT WLD, CHEM INDUCTOR
	8	900068	5/16UNC X 1 3/4 HEX BOLT
	8	914002	5/16UNC HEX STOVER NUT
	1	341981	LH REAR TOOL BAR MT WLD 2XX
	2	900277	1/2UNC X 5 1/2 HEX BOLT
	2	900281	1/2UNC X 7 1/2 HEX BOLT
	4	914008	1/2UNC HEX STOVER NUT
	4	920004	1/2 SAE FLAT WASHER
	1	500099	1 1/4"X 1" NPT REDU BUSH, POL

SOLUTION HOISING FOR 60' BOOM (STANDARD)

DET. QTY PART NO. DESCRIPTION

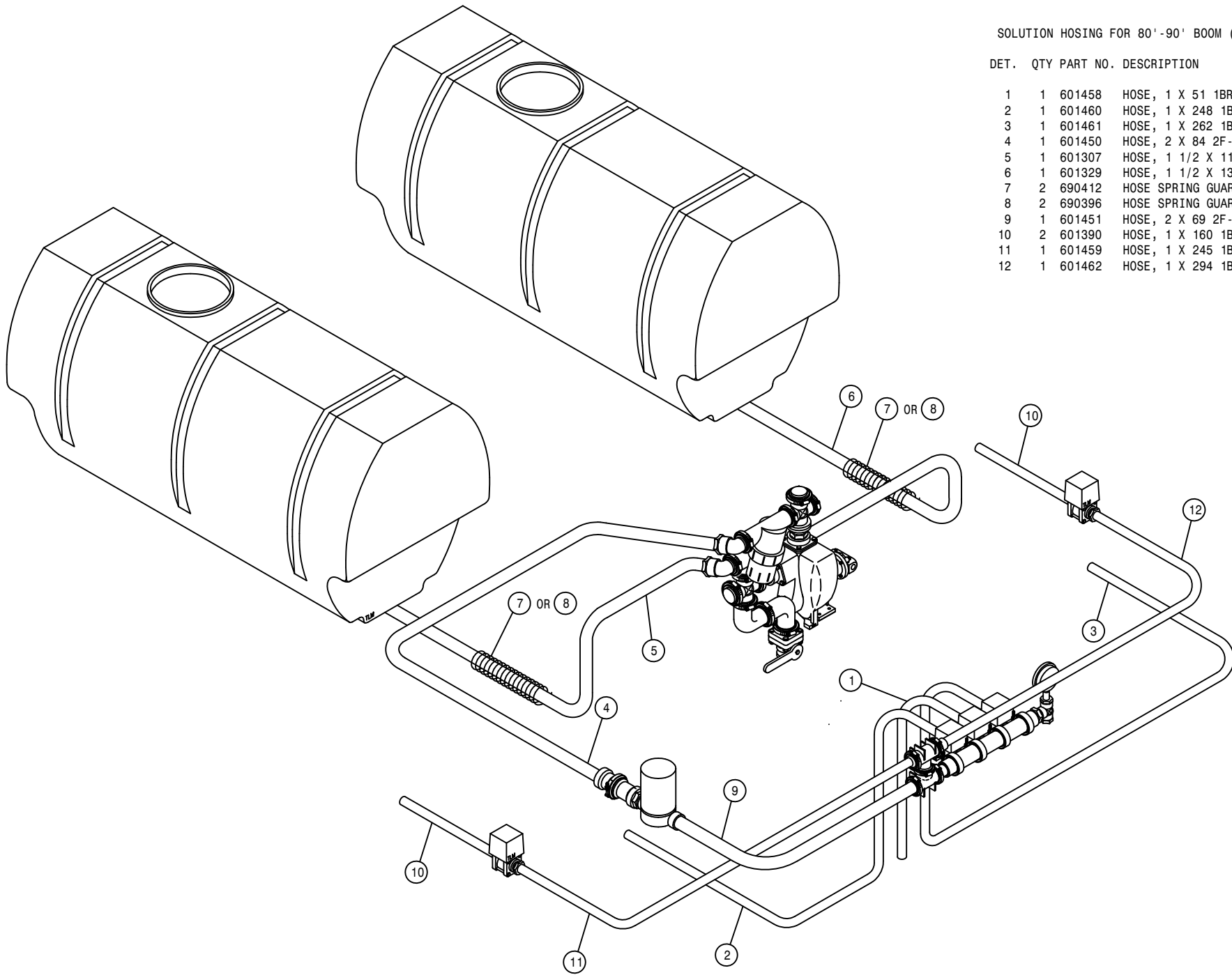
1	1	601458	HOSE, 1 X 51 1BR BLK EPDM
2	1	601460	HOSE, 1 X 248 1BR BLK EPDM
3	1	601461	HOSE, 1 X 262 1BR BLK EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
6	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
7	2	690412	HOSE SPRING GUARD 2IN X 12 LG
8	2	690396	HOSE SPRING GUARD 2IN X 48 LG
9	1	601451	HOSE, 2 X 69 2F-1W EPDM



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

DET. QTY PART NO. DESCRIPTION

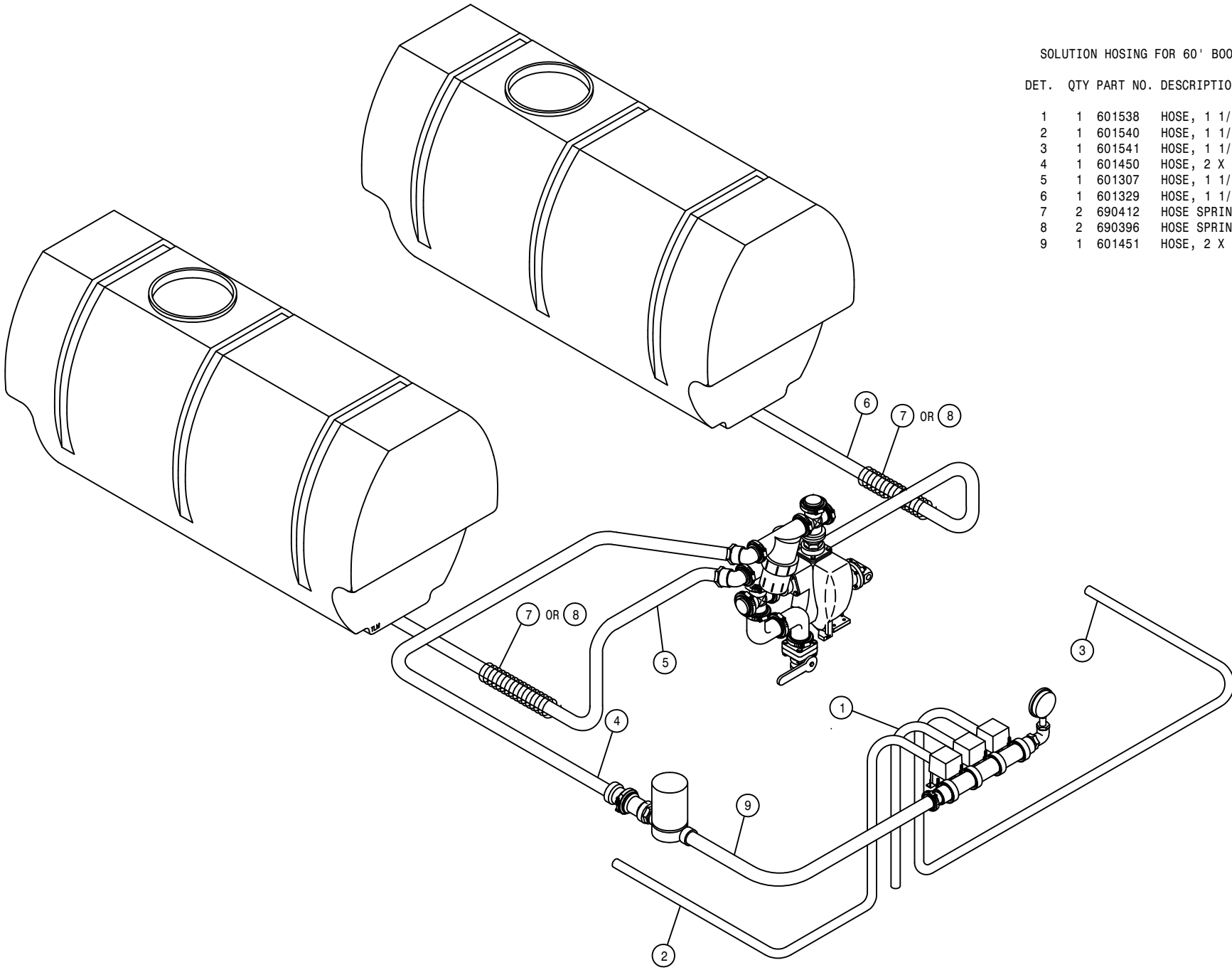
DET.	QTY	PART NO.	DESCRIPTION
1	1	601458	HOSE, 1 X 51 1BR BLK EPDM
2	1	601460	HOSE, 1 X 248 1BR BLK EPDM
3	1	601461	HOSE, 1 X 262 1BR BLK EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
6	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
7	2	690412	HOSE SPRING GUARD 2IN X 12 LG
8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



SOLUTION HOISING FOR 60' BOOM (HI-VOLUME)

DET. QTY PART NO. DESCRIPTION

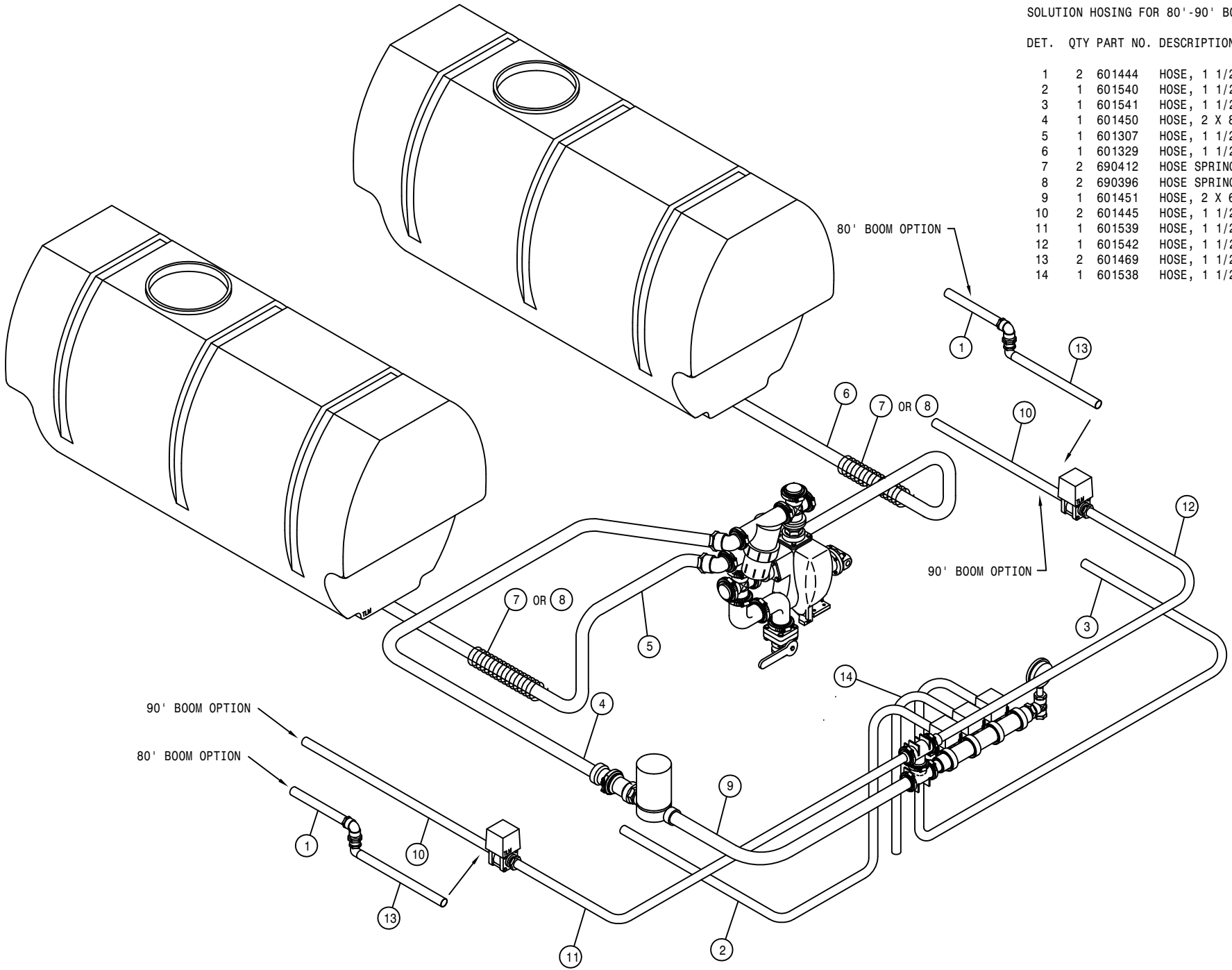
1	1	601538	HOSE, 1 1/2 X 51 2BR BLK EPDM
2	1	601540	HOSE, 1 1/2 X 248 2BR BLK EPDM
3	1	601541	HOSE, 1 1/2 X 262 2BR BLK EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
6	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
7	2	690412	HOSE SPRING GUARD 2IN X 12 LG
8	2	690396	HOSE SPRING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



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

DET. QTY PART NO. DESCRIPTION

DET.	QTY	PART NO.	DESCRIPTION
1	2	601444	HOSE, 1 1/2 X 51 2F-1W EPDM
2	1	601540	HOSE, 1 1/2 X 248 2BR BLK EPDM
3	1	601541	HOSE, 1 1/2 X 262 2BR BLK EPDM
4	1	601450	HOSE, 2 X 84 2F-1W EPDM
5	1	601307	HOSE, 1 1/2 X 118 2F-1W EPDM
6	1	601329	HOSE, 1 1/2 X 130 2F-1W EPDM
7	2	690412	HOSE SPRING GUARD 2IN X 12 LG
8	2	690396	HOSE SPRING GUARD 2IN X 48 LG
9	1	601451	HOSE, 2 X 69 2F-1W EPDM
10	2	601445	HOSE, 1 1/2 X 160 2F-1W EPDM
11	1	601539	HOSE, 1 1/2 X 245 2BR BLK EPDM
12	1	601542	HOSE, 1 1/2 X 294 2BR BLK EPDM
13	2	601469	HOSE, 1 1/2 X 110 2F-1W EPDM
14	1	601538	HOSE, 1 1/2 X 51 2BR BLK EPDM



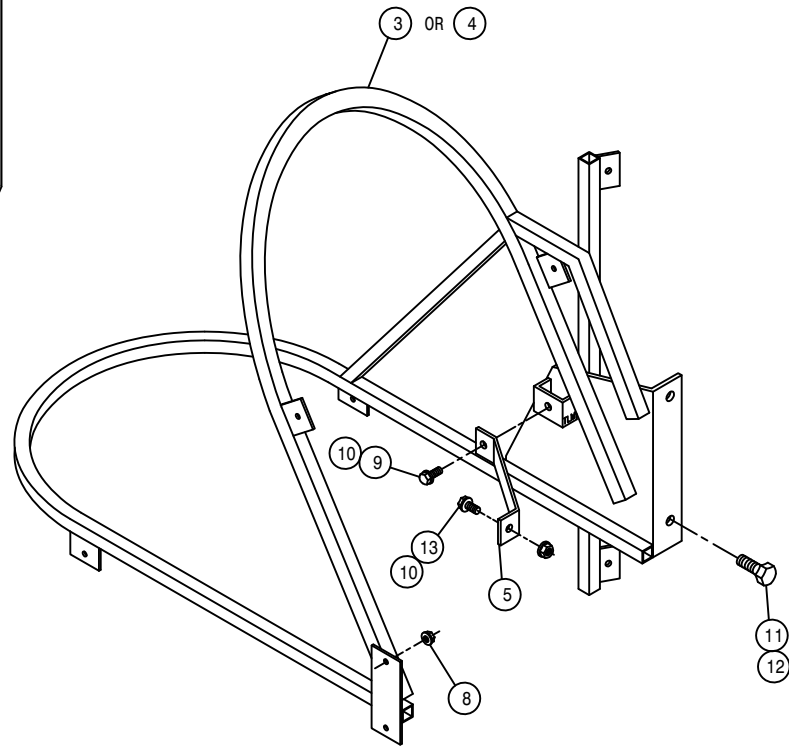
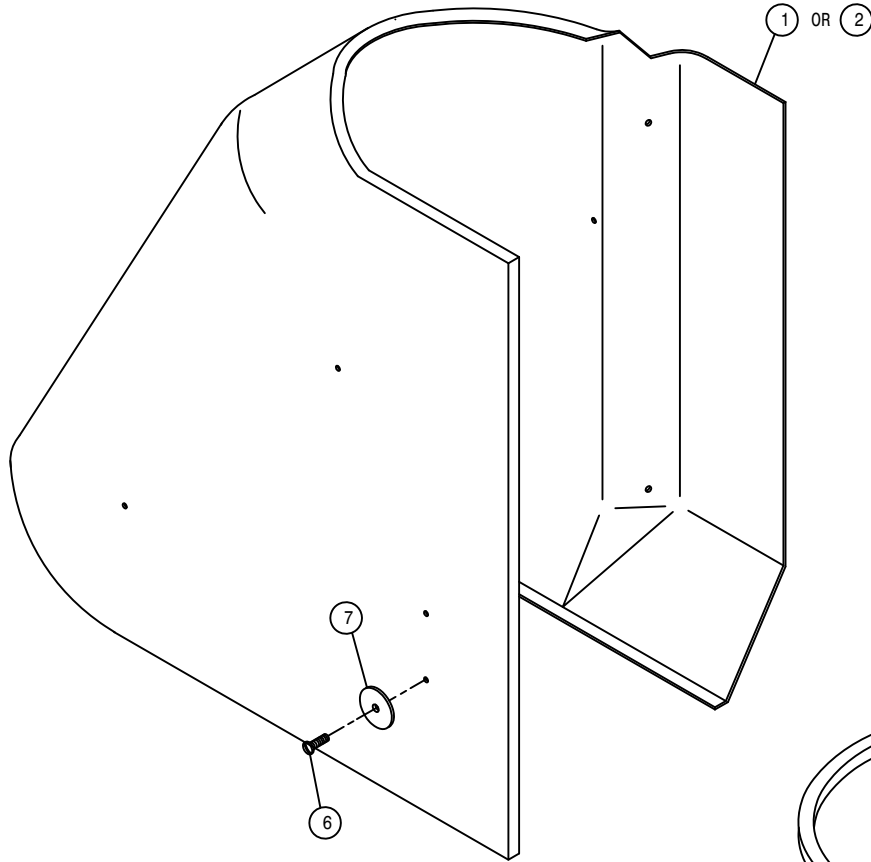
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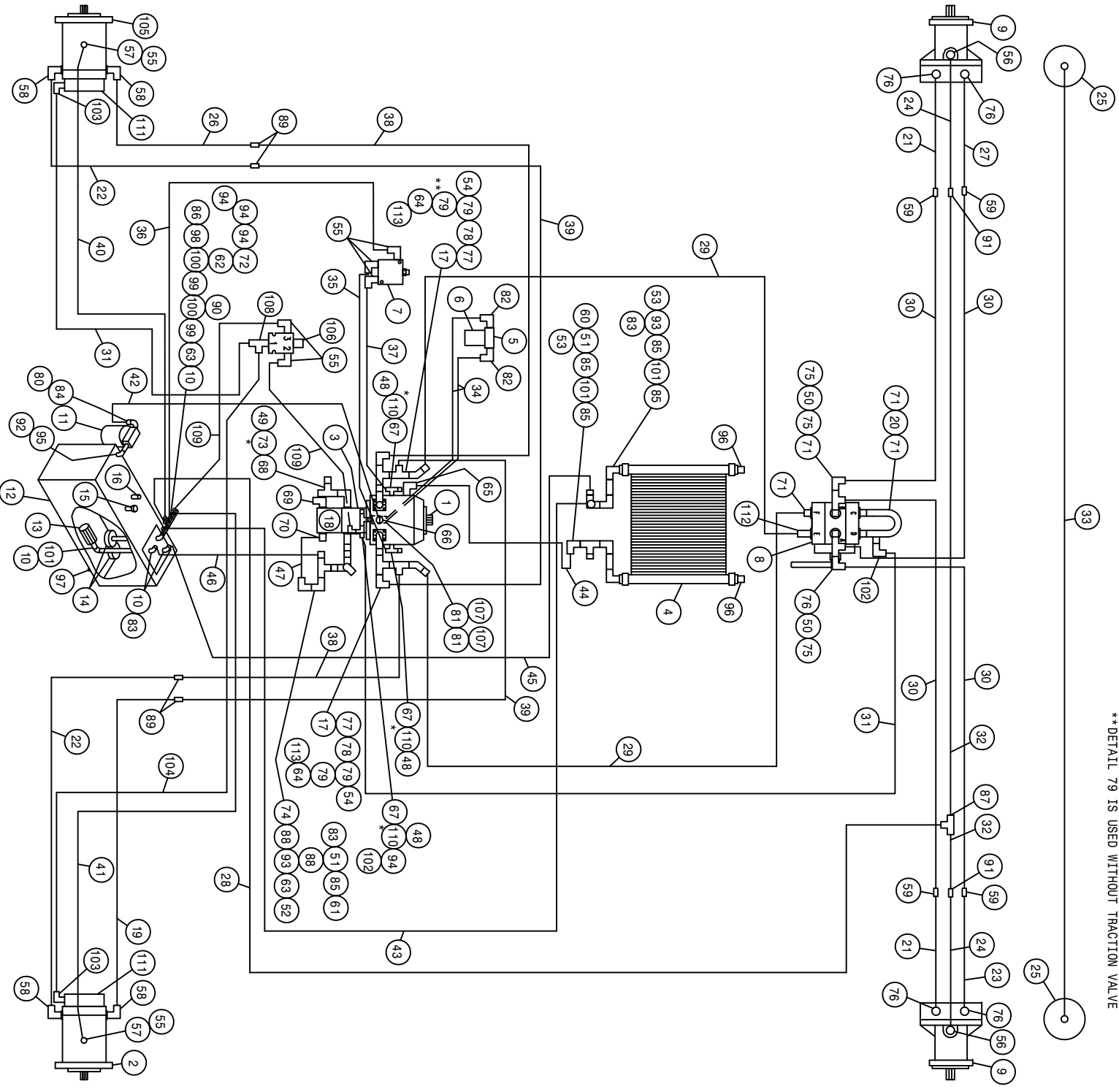
CROP SHIELD ASSEMBLY

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.



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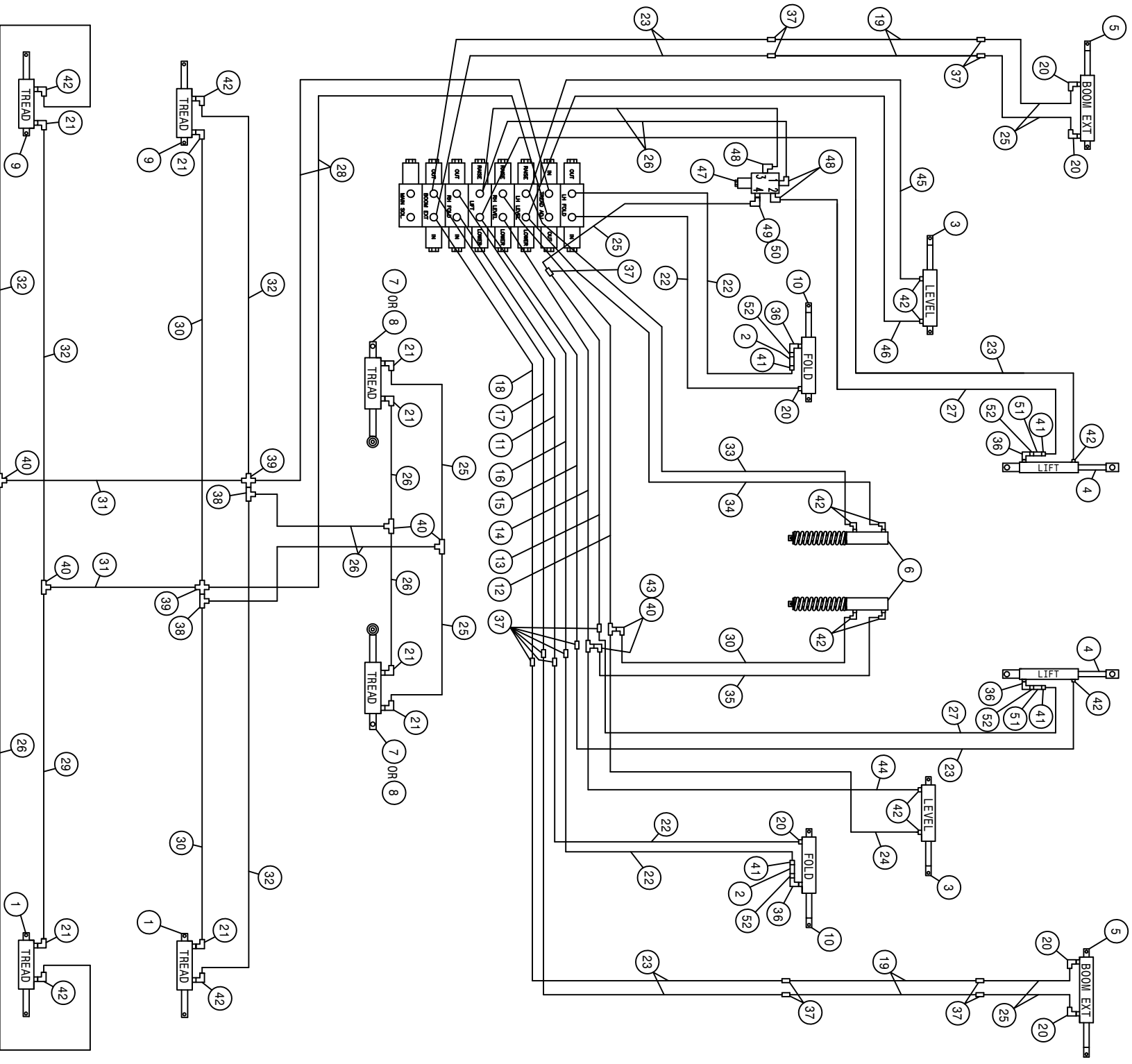
*NOTE :
 REFER TO DETAIL 73 TO CHECK AUX. SYSTEM - 1850 PSI
 REFER TO DETAIL 110 TO CHECK LIMIT SETTING - 4500 PSI
 REFER TO DETAIL 110 TO CHECK CHARGE PRESSURE - 380 PSI
 **DETAIL 79 IS USED WITHOUT TRACTION VALVE

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REFERENCE DRAWING NO. 498582S1

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	1	606954	SUND 130CC PUMP,B-MT	98	58	618576	1 5/16MJIC-90-1 1/16MOR LBO
2	1	610557	SUND M35-3102 WHL MTR W/SHFT	59	4	618448	1 1/16MJIC-90-1 1/16MJIC LBO
3	1	606932	SUND GEAR PUMP,1.60CI,SPLINED	60	1	618138	1IN HOSE BARB-90-1MNPPT
4	1	618606	OIL COOLER, BLISSFIELD 65027	61	1	716000	3/4 HOSE BARB-90-1MNPPT
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 5/16MJ-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	9/16MJIC-9/16MOR ADPTR
11	1	605601	GRESN FILTER 10 MICRON 40GPM	68	1	618535	7/8MJIC-90-1 1/16MOR LBO
12	1	760097	OIL TANK WLD 8240 1982	69	1	611128	7/8MJIC-90-7/8MOR LBO
13	1	605600	MICHIGAN RESERVOIR FILTER	70	1	618075	3/4 HOSE BARB-1 1/16MOR
14	2	605603	LINE SUMP DIFFUSER	71	4	611127	1 1/16MJIC-1 1/16MOR ADPTR
15	1	611052	FILLER BREATHER 3/4NPT	72	1	618520	1/4MNPPT RUN TEE-9/16MJIC
16	1	614453	DIPSTICK, 8IN	73	1	618333	7/8FJIC SW RUN TEE-7/8MJIC
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 1/16MJ-90-1 1/16FJ SWIV LBO
19	1	615706	RH REAR LEG HYDTUBE ASSY284 97	76	5	618248	1 1/16MJIC-90-1 1/16MOR LBO
20	1	614290	FWD UTUBE 472 P/C 1977 18MHMT	77	2	618459	1 1/4FLANGE-90-1 5/8MJIC
21	2	615702	FRT LEG INR HYD TUBE ASSY28496	78	2	618547	1 5/8FJIC-1 5/16MJIC ADPTR
22	2	615705	REAR LEG HYD TUBE ASSY 284 97	79	4	618619	1 5/16FJ SW RUN TEE-.15/16MJ
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	3/4MJIC-7/8MOR ADPTR
25	2	620805	LEG LEVEL CYL ASSY,2.00 X 12.0	82	2	618474	3/4MJIC-90-1 1/16MOR LBO
26	1	615707	LH REAR LEG HYDTUBE ASSY284 97	83	4	714560	INPT X 1 HOSE BARB
27	1	615704	LH FRTLEG OUTRHYDTUBE ASY28496	84	4	715660	HOSE BARB 1 1/4NPT X 1 1/4
28	1	614704	06CIT-06FJX-06FJX-156	85	5	505200	BLK PIPE ST EL 90DEG 1.00NPT
29	2	614724	12TWM-12FJX-12FJX-106	86	1	618018	9/16MJIC-1/2MNPPT ADPTR
30	4	614725	12C2AT-12FJX-12FJX-70	87	1	618019	9/16MJIC UNION TEE
31	2	614101	04CIT-06FJX-06FJX-133	88	2	505105	1MNPPT HEX PIPE NIPPLE STL
32	2	615444	06CIT-06FJX-08FJX90-60	89	4	618441	1 5/16MJIC-90-1 5/16MJIC LBO
33	1	615614	FRT LEG CYL JUMPER HOSE280	90	1	713220	HOSE BARB 3/4 NPT X 3/4
34	2	615465	08CIT-08FJX-08FJX-33	91	2	618314	3/4MJIC UNION
35	1	616042	04CIT-06FJX-06FJX-13	92	1	506602	PIPE NIPPLE 1 1/4NPT-2 1/2
36	1	616048	04CIT-06FJX-06FJX-35	93	2	505098	SIDE OUTLET EL 90DEG 1.00NPT
37	1	616043	04CIT-06FJX-06FJX-23	94	4	618486	9/16FJIC SW RUN TEE-9/16MJIC
38	2	614727	12TWM-16FJX-16FJX-50	95	1	506303	BLK PIPE EL 90DEG 1.25NPT
39	2	614729	12TWM-16FJX-16FJX-65	96	2	505102	PIPE PLUG 1.00NPT SQ HD
40	1	614549	06CIT-06FJX-06FJX-140	97	1	501102	1/4 PIPE PLUG
41	1	615449	06CIT-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	9/16MJIC-90-9/16FJIC SWIV LBO
46	1	601402	HOSE, 1 X 53 1FBR-1SPI	103	2	618614	9/16MJIC-90-7/16MOR LBO
47	1	601383	HOSE, 3/4 X 8 1FBR-1SPI	104	1	614639	04CIT-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 1/16MJ	107	2	618609	3/4MJIC-90-3/4FJIC SWIV LBO
51	2	505101	BLK PIPE TEE 1.00NPT	108	1	618444	9/16MOR RUN TEE-9/16MJIC
52	1	610300	3/4MJIC-3/4MNPPT ADPTR	109	2	616056	04CIT-06FJX-06FJX-32
53	2	714331	1 NPT X 3/4 HOSE BARB	110	3	618514	9/16FJ SW BRANCH TEE-9/16MJ
54	2	618640	1 5/16MJ-90-1 5/16FJ SWIV LBO	111	2	828092	MICO HYD BRAKE
55	2	618119	9/16MJIC-90-9/16MOR LBO	112	1	607527	FLOW CTRL VALVE,32GPM IN-LINE
56	2	618183	3/4MJIC-90-7/8MOR LBO	113	2	618541	1 5/16FJIC-1 1/16MJIC ADPTR
57	2	618172	7/8MOR-9/16FOR ADPTR				

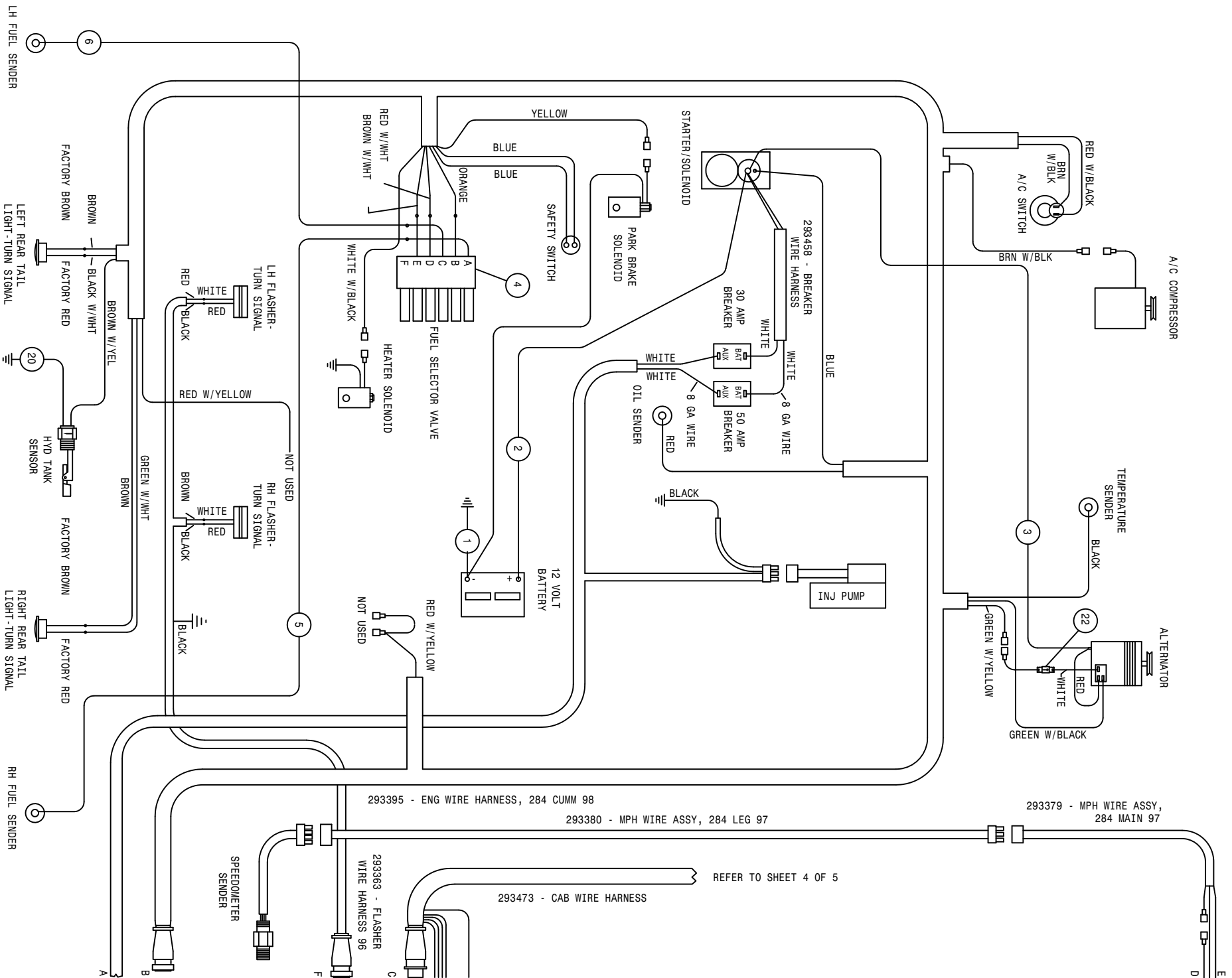
284 HYDRAULIC SCHEMATIC 00
REFERENCE DRAWING NO. 498582S2

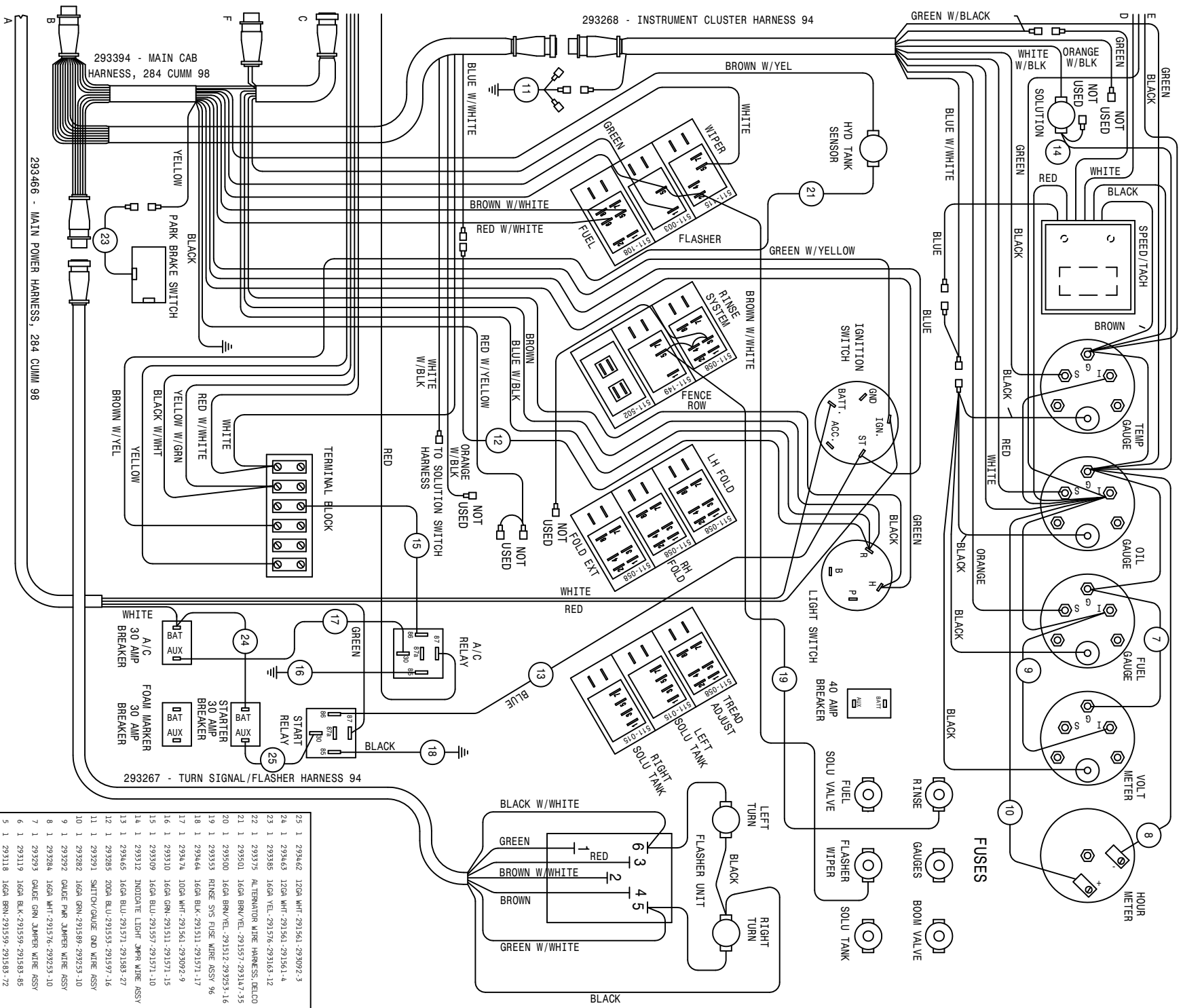
DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	2	610510	CESSNA GEAR MOTOR 1.48CI	29	2	618119	9/16MJIC-90-9/16MOR LBO
2	1	690573	HYD MOTOR, FLOMAX HI-SPEED	30	2	618425	9/16MJIC-45-9/16MOR LBO
3	1	610447	HYD FILTER, INLINE 1/4FNPT 90M	31	2	611147	3/4MJIC-1/2MNPT ADPTR
4	1	606827	FLO CONT FC51 0-3 VARI 7/8FOR	32	3	503820	BLK PIPE TEE .50NPT
5	2	620800	STRG CYL ASSY, 2XX	33	3	618018	9/16MJIC-1/2MNPT ADPTR
6	1	606818	FLO CONT FCR51 0-16GPM 7/8FOR	34	1	503600	CLOSE NIPPLE .50NPT
7	2	607512	RELIEF VALVE, RL50, 1850 PSI	35	5	618514	9/16FJ SW BRANCH TEE-9/16MJ
8	1	607504	FLO DIV B50 2-8GPM 7/8 FOR	36	5	618486	9/16FJIC SW RUN TEE-9/16MJIC
9	1	610668	7 SECT, 6 FUNCION HYD VLV, EATON	37	1	618325	7/8MJIC-1/2MNPT ADPTR
10	1	749150	STRG MTR NON-LOAD REACT 1008	38	1	712440	1/2 NPT X 3/4 HOSE BARB
11	1	614664	10C1T-10FJX-10FJX-98	39	2	618310	9/16MJIC-7/8MOR ADPTR
12	3	614693	06C1T-06FJX-06FJX-168	40	3	618618	9/16MJIC-90-9/16FJIC SWIV LBO
13	1	614159	04C1T-06FJX-06FJX-169	41	1	618172	7/8MOR-9/16FOR ADPTR
14	4	614663	04C1T-06FJX-06FJX-16	42	12	618119	9/16MJIC-90-9/16MOR LBO
15	2	616028	04C1T-06FJX-06FJX-47	43	1	618327	3/4MJIC-7/8MOR ADPTR
16	1	611204	04C1T-06FJX-06FJX-78	44	1	618440	9/16MJIC-90-9/16MOR EX LG LBO
17	1	616040	04C1T-06FJX-06FJX-67	45	3	618126	9/16MJIC-97/16MOR ADPTR
18	3	616026	04C1T-06FJX-06FJX-37	46	1	611128	7/8MJIC-90-7/8MOR LBO
19	1	616057	08C1T-08FJX-08FJX-88	47	2	611126	7/8MJIC-7/8MOR ADPTR
20	1	614571	06C1T-06FJX-06FJX-126	48	3	611121	9/16MJIC-1/4MNPT ADPTR
21	2	611208	04C1T-06FJX-06FJX-98	49	4	618092	1 1/16MOR-1/2FNPT ADPTR
22	1	615452	06C1T-06FJX-06FJX-16	50	8	618107	9/16MJIC-90-1/2MNPT LBO
23	1	615521	10C1T-10FJX-10FJX-18	51	1	618562	9/16MOR-90-1/4MNPT LBO
24	1	615465	08C1T-08FJX-08FJX-33	52	2	500000	1/2MNPT HEX PIPE NIPPLE STL
25	1	614662	08C1T-08FJX-08FJX-72	53	2	618072	7/8MOR-1/2FNPT ADPTR
26	1	601384	HOSE, 3/4 X 40 1FBR-1SPI	54	2	618531	9/16FJIC CAP NUT
27	4	618496	9/16MJIC-45-3/4MOR LBO	55	2	618609	3/4MJIC-90-3/4FJIC SWIV LBO
28	3	618019	9/16MJIC UNION TEE	56	2	618241	3/4MJIC-90-3/4MOR LBO
				57	1	616161	10C1T-10FJX-10FJX-101
							H/A



284 HYDRAULIC SCHEMATIC 00
REFERENCE DRAWING NO. 498582S3

DET.	QTY	PART NO.	DESCRIPTION	DET.	QTY	PART NO.	DESCRIPTION
1	2	620865	LEG CYL ASSY, RH TREAD ADJ,284	27	2	615616	04C1T-06FJX-06FJX-65
2	2	610450	RESTRICTOR .025 1-WAY, 1/2FNPT	28	2	611210	04C1T-06FJX-06FJX-156
3	2	620850	BOOM LEVEL CYL ASSY	29	1	616042	04C1T-06FJX-06FJX-13
4	2	620840	TRANSOM LIFT CYL ASSY	30	3	616049	04C1T-06FJX-06FJX-26
5	2	620860	BOOM CNTR SECT FOLD CYL ASSY	31	2	614308	04C1T-06FJX-06FJX-109
6	2	620855	ACCUMULATOR CYL ASSY	32	4	616026	04C1T-06FJX-06FJX-37
7	2	620825	STRG CYL ASSY, 125" TRD ADJ,284	33	1	616037	04C1T-06FJX-06FJX-29
8	2	620820	LEG CYL ASSY, 90" TRD ADJ,284	34	1	614713	04C1T-06FJX-06FJX-24
9	2	620870	LEG CYL ASSY, LH TREAD ADJ,284	35	1	614712	04C1T-06FJX-06FJX-20
10	2	620845	BOOM HINGE FOLD CYL ASSY	36	4	618651	9/16MOR-90-3/8MNPT LBO
11	1	615641	FOLD HYD TUBE ASSY, IN 254/284	37	15	619010	9/16MJIC UNION
12	1	615639	LEVEL HYD TUBE ASSY, UP254/284	38	2	618486	9/16FJIC SW RUN TEE-9/16MJIC
13	1	615637	LIFT HYD TUBE ASSY, UP 254/284	39	2	618320	9/16MJIC UNION CROSS
14	1	615640	LEVEL HYD TUBE ASSY, DN254/284	40	6	618019	9/16MJIC UNION TEE
15	1	615638	LIFT HYD TUBE ASSY, DN 254/284	41	4	618018	9/16MJIC-1/2MNPT ADPTR
16	1	615642	FOLD HYD TUBE ASSY, OUT254/284	42	14	618119	9/16MJIC-90-9/16MOR LBO
17	1	615683	FOLD BOOM HYD TUBE ASSY, OUT	43	2	618618	9/16MJIC-90-9/16FJIC SWIV LBO
18	1	615682	FOLD BOOM HYD TUBE ASSY, IN	44	1	614714	04C1T-06FJX-06FJX-34
19	4	615684	HYD TUBE ASSY, BOOM EXT FOLD96	45	1	614715	04C1T-06FJX-06FJX-43
20	6	614750	.042 ELBOW ASSY, 9/16MOR 90D	46	1	616059	04C1T-06FJX-06FJX-33
21	8	614747	.025 ELBOW ASSY, 9/16MOR 90D	47	1	610628	4-WAY, 2-POSITION SOL VLV
22	4	615442	04C1T-06FJX-06FJX-55	48	3	618115	9/16MJIC-90-3/4MOR LBO
23	6	616040	04C1T-06FJX-06FJX-67	49	1	618109	9/16MJIC-3/4MOR ADPTR
24	1	616028	04C1T-06FJX-06FJX-47	50	1	618618	9/16MJIC-90-9/16FJIC SWIV LBO
25	7	616043	04C1T-06FJX-06FJX-23	51	2	610675	RESTRICTOR, .042 1-WAY, 1/2FNPT
26	7	614663	04C1T-06FJX-06FJX-16	52	4	503010	RED BUSH 1/2MNPT-3/8FNPT, STEEL

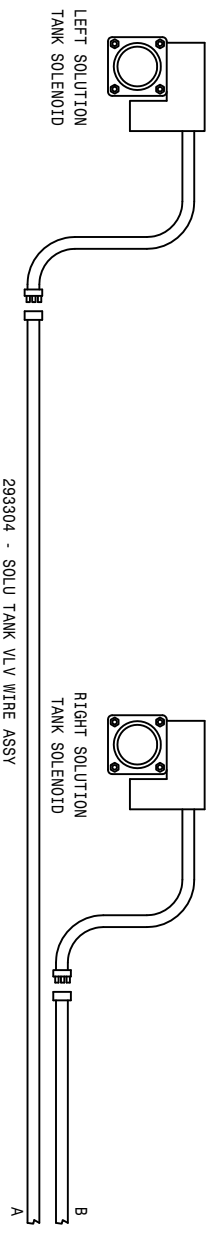
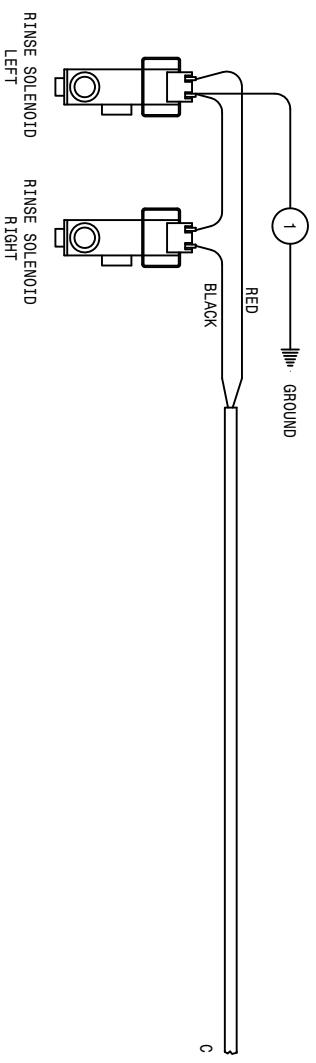


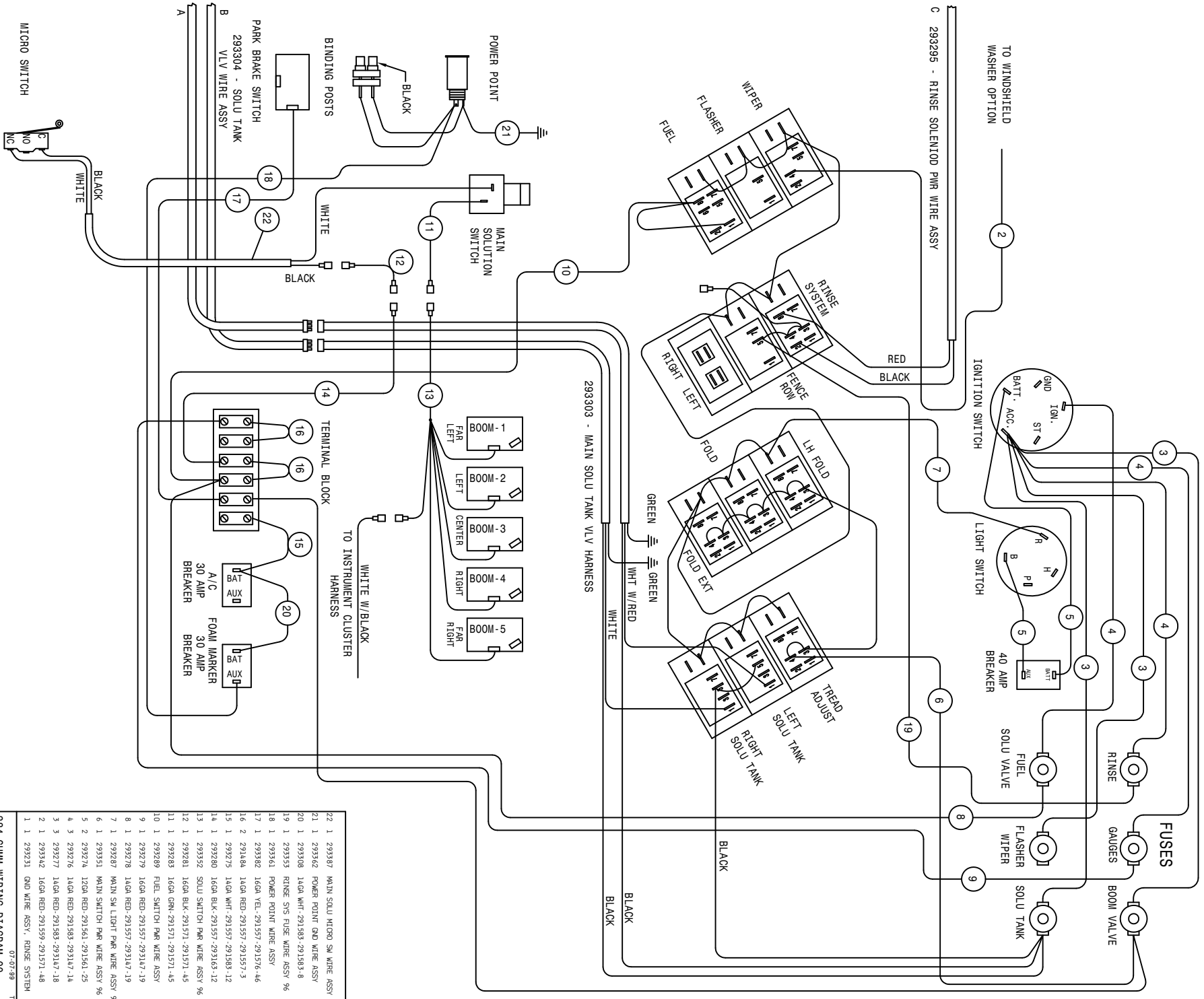


25	1	293462	12GA WHF-291561-293092-3
24	1	293463	12GA WHF-291561-291561-4
23	1	293385	16GA YEL-291576-293163-12
22	1	293375	ALTERNATOR WIRE HARNESS, DELCO
21	1	293310	16GA BRN/YEL-291571-291317-35
20	1	293500	16GA BRN/YEL-291512-292823-16
19	1	293353	RINSE SYS WIRE ASSY 96
18	1	293464	16GA BLK-291511-291571-17
17	1	293474	10GA WHF-291561-293092-9
16	1	293310	16GA GRN-291511-291571-15
15	1	293309	16GA BLU-291557-291571-10
14	1	293312	INDICATE LIGHT JMR WIRE ASSY
13	1	293465	16GA BLU-291571-291589-27
12	1	293285	20GA BLU-291553-291597-16
11	1	293291	SWITCH/GAUGE GND WIRE ASSY
10	1	293282	16GA GRN-291589-293253-10
9	1	293292	GAUGE PWR JAMER WIRE ASSY
8	1	293284	16GA WHF-291576-293253-10
7	1	293293	GAUGE GRN JAMER WIRE ASSY
6	1	293119	16GA BLK-291559-291589-85
5	1	293118	16GA BRN-291559-291589-72
4	1	610530	5 WIRE CONNECTOR
3	1	291029	10GA BLU-291513-291589-30
2	1	291128	BATTERY CABLE A81N
1	1	291530	BATTERY GROUND CABLE 23

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SOLUTION SOLENOID VALVES



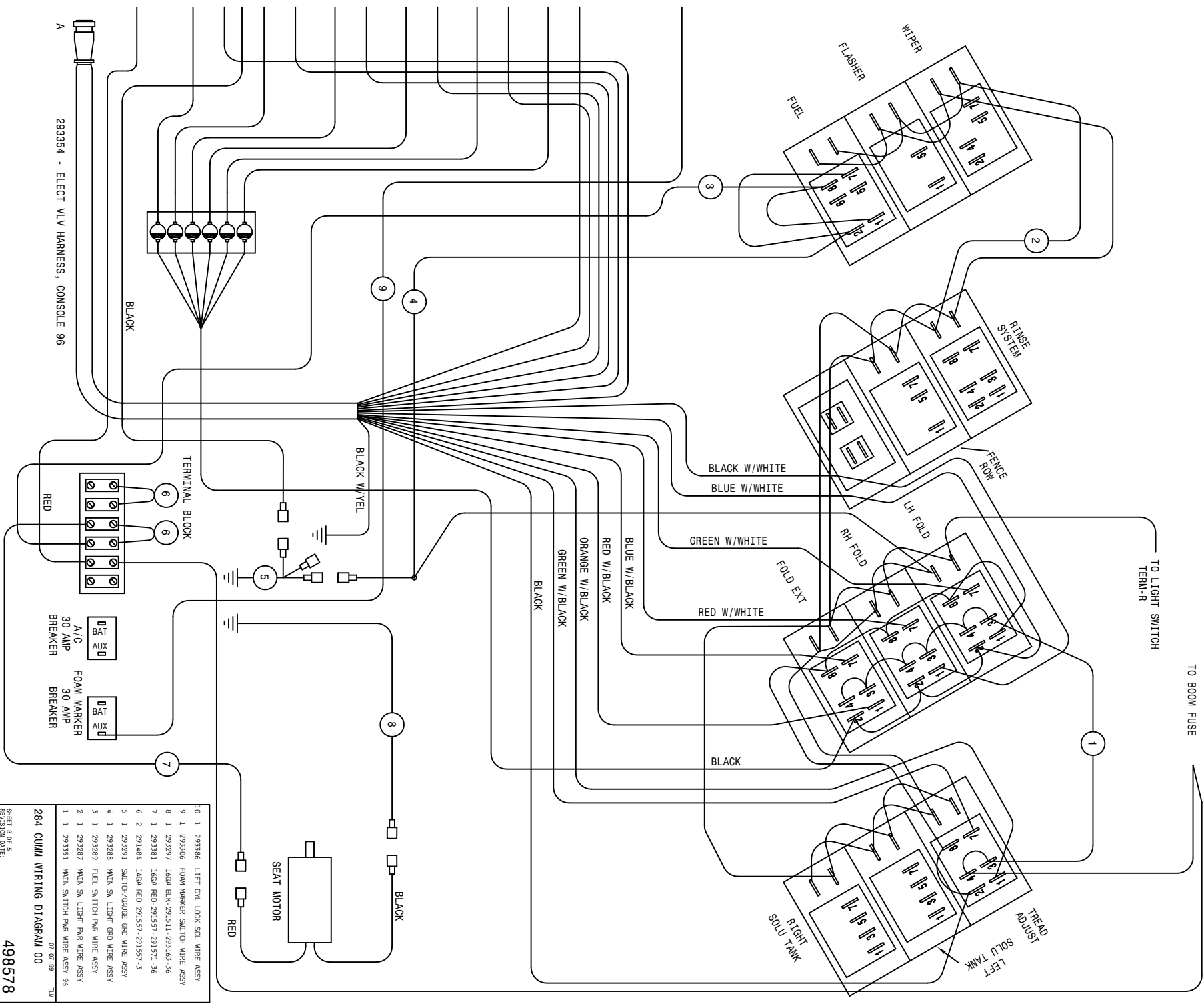


22	1	293387	MAIN SOLU MICRO SW WIRE ASSY
21	1	293362	POWER POINT GND WIRE ASSY
20	1	293308	14GA WHF-291583-291583-8
19	1	293353	RINSE SYS FUSE WIRE ASSY 96
18	1	293361	POWER POINT WIRE ASSY
17	1	293382	16GA YEL-291557-291576-46
16	2	291484	14GA RED-291557-291557-3
15	1	292275	16GA WHF-291557-291589-12
14	1	293280	16GA BLK-291571-29163-12
13	1	293332	SOLU SWITCH PWR WIRE ASSY 96
12	1	292281	16GA BLK-291571-291571-45
11	1	293283	16GA GRN-291571-291571-45
10	1	293289	FUEL SWITCH PWR WIRE ASSY
9	1	293279	16GA RED-291557-29147-19
8	1	293278	14GA RED-291557-29147-19
7	1	293287	MAIN SW LIGHT PWR WIRE ASSY 96
6	1	293351	MAIN SWITCH PWR WIRE ASSY 96
5	2	293274	12GA RED-291561-291561-25
4	3	293276	14GA RED-291583-29147-1A
3	3	293277	14GA RED-291583-29147-1B
2	1	293342	16GA RED-291559-291571-48
1	1	293231	GND WIRE ASSY, RINSE SYSTEM

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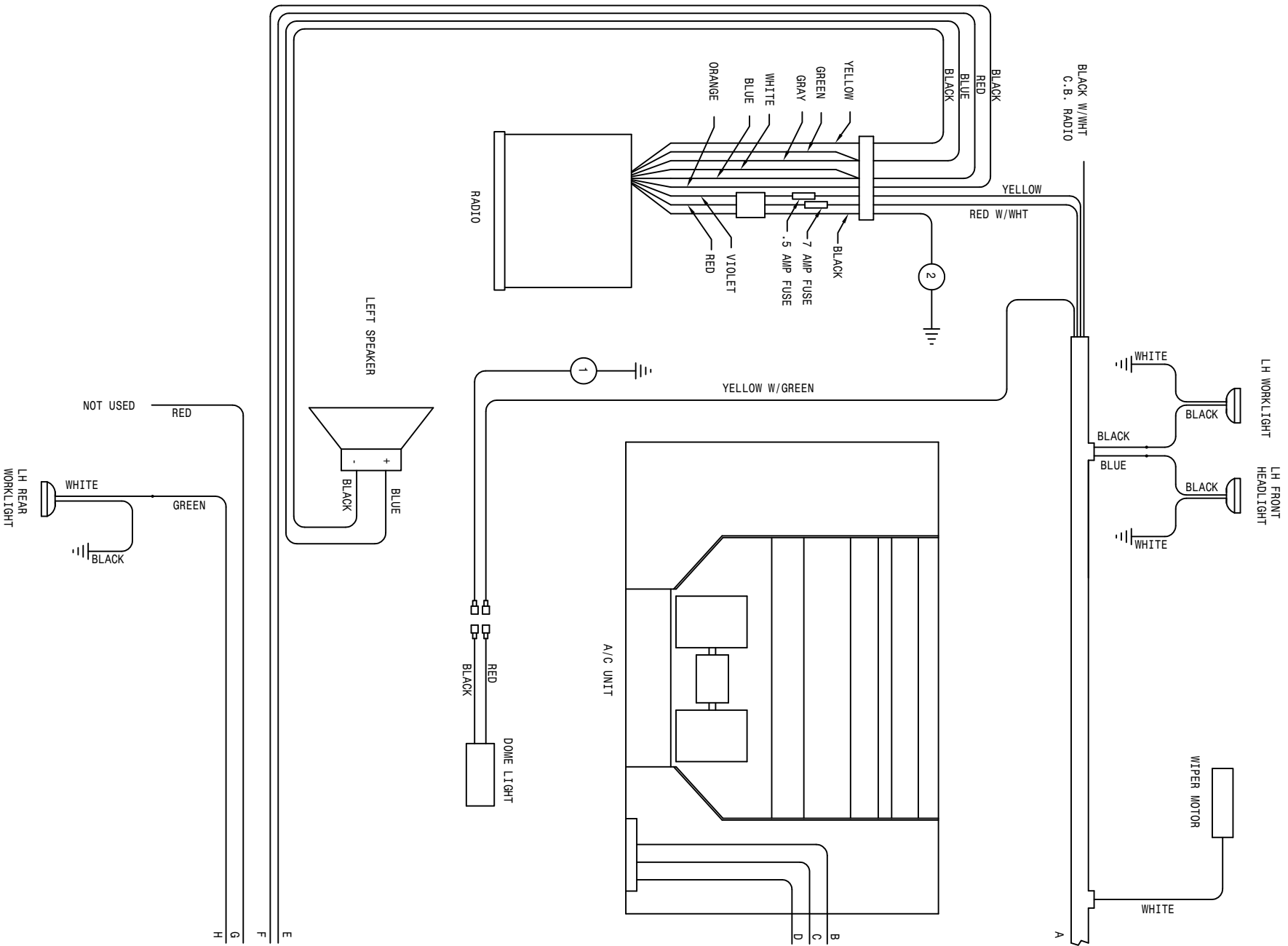
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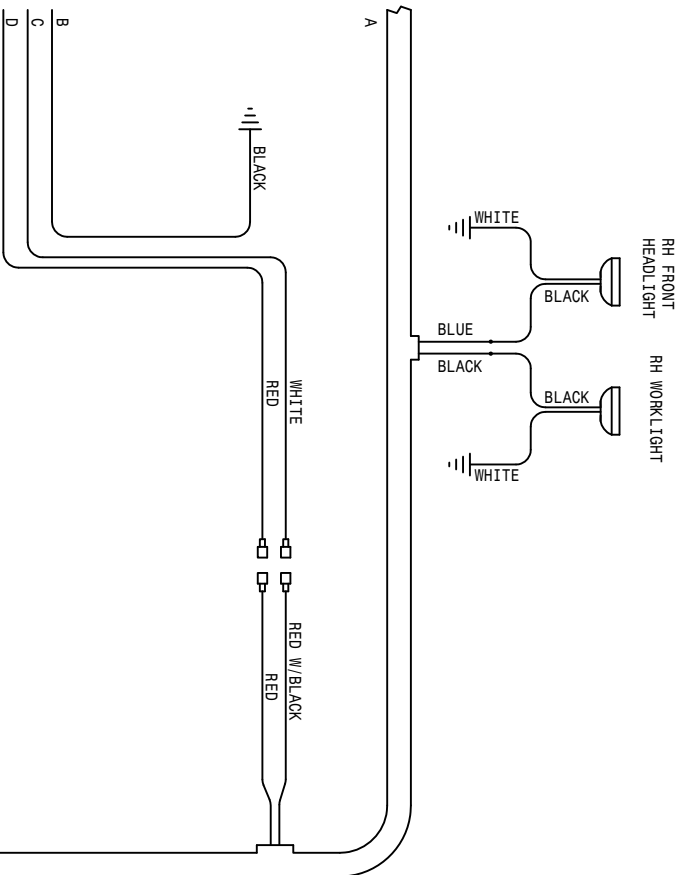


10	1	293386	LIFT CYL LOCK SOL WIRE ASSY
9	1	293306	FOAM MARKER SWITCH WIRE ASSY
8	1	293297	16GA BLK-291511-291513-36
7	1	293281	16GA RED-291517-291571-36
6	2	291484	16GA RED-291517-291517-3
5	1	293291	SWITCH/COILGE GRD WIRE ASSY
4	1	293288	MAIN SW LIGHT GRD WIRE ASSY
3	1	293289	FUEL SWITCH PWR WIRE ASSY
2	1	293287	MAIN SW LIGHT PWR WIRE ASSY
1	1	293351	MAIN SWITCH PWR WIRE ASSY 96

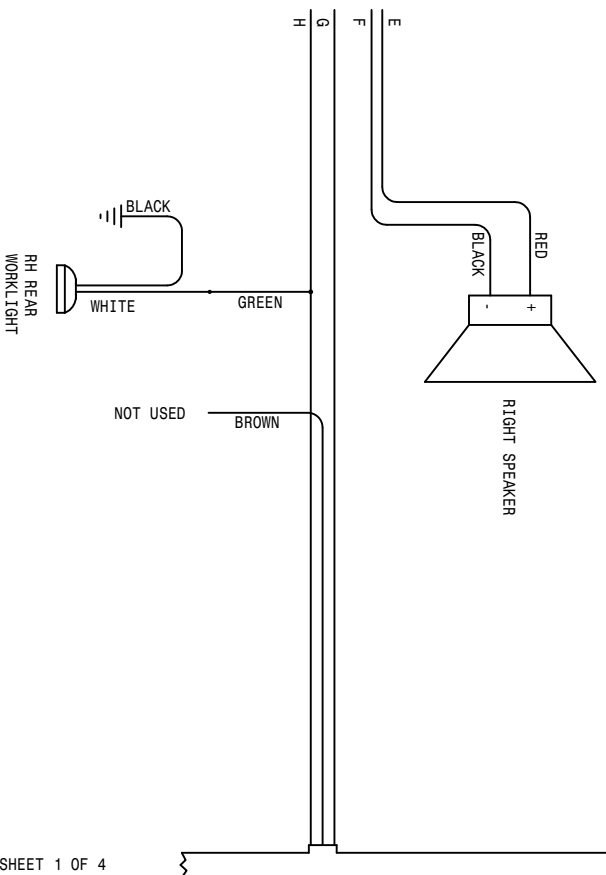
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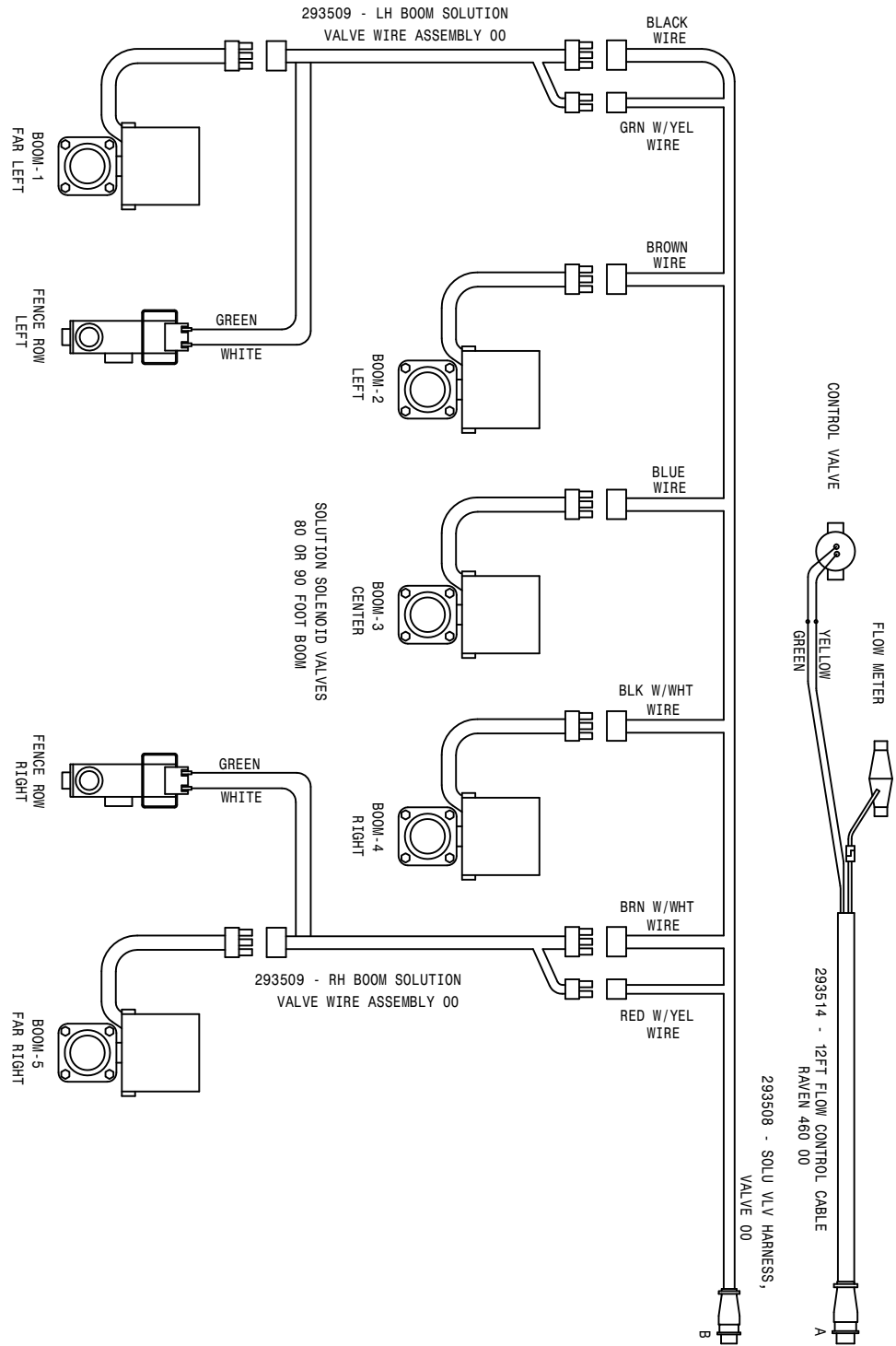
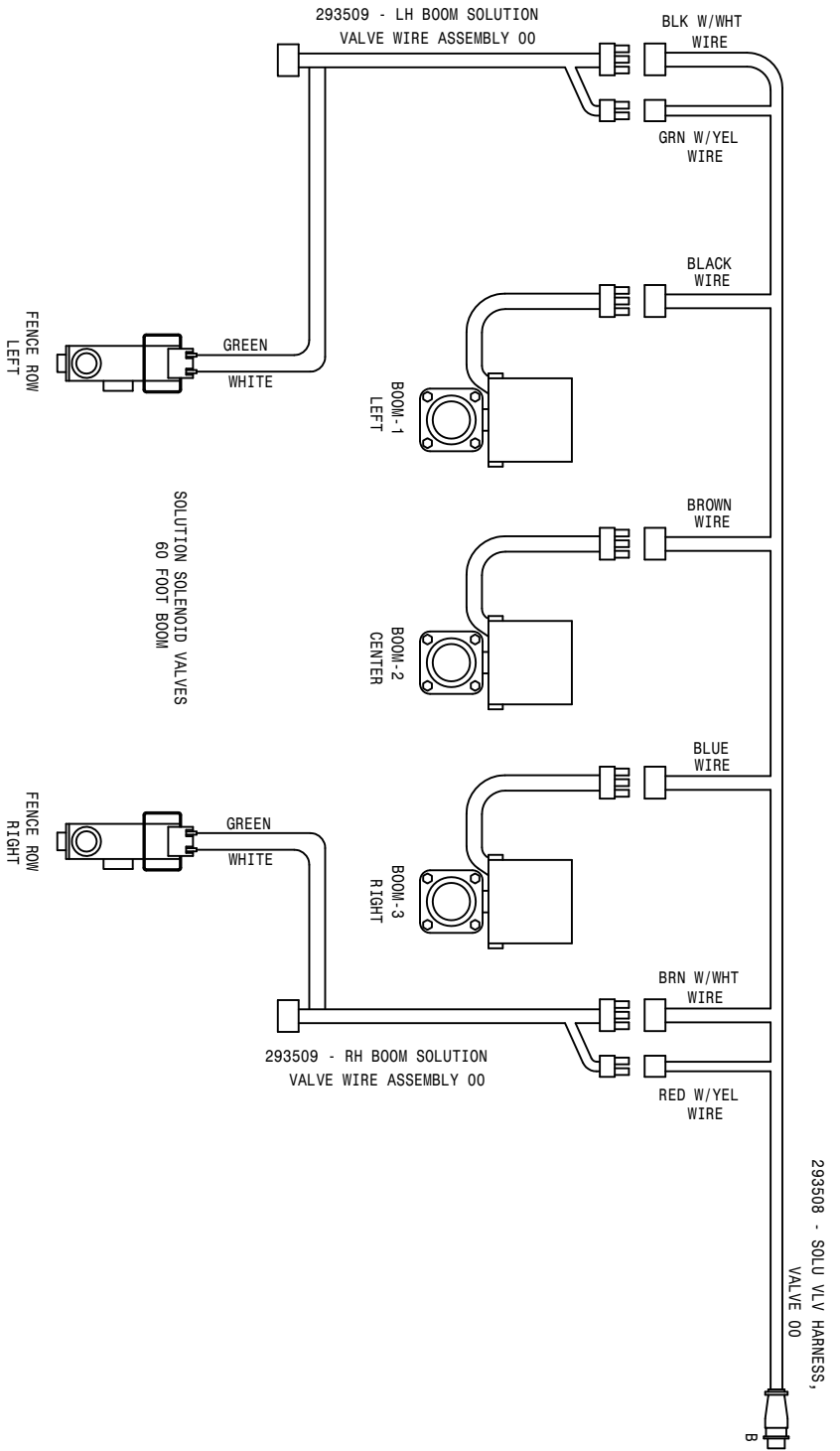


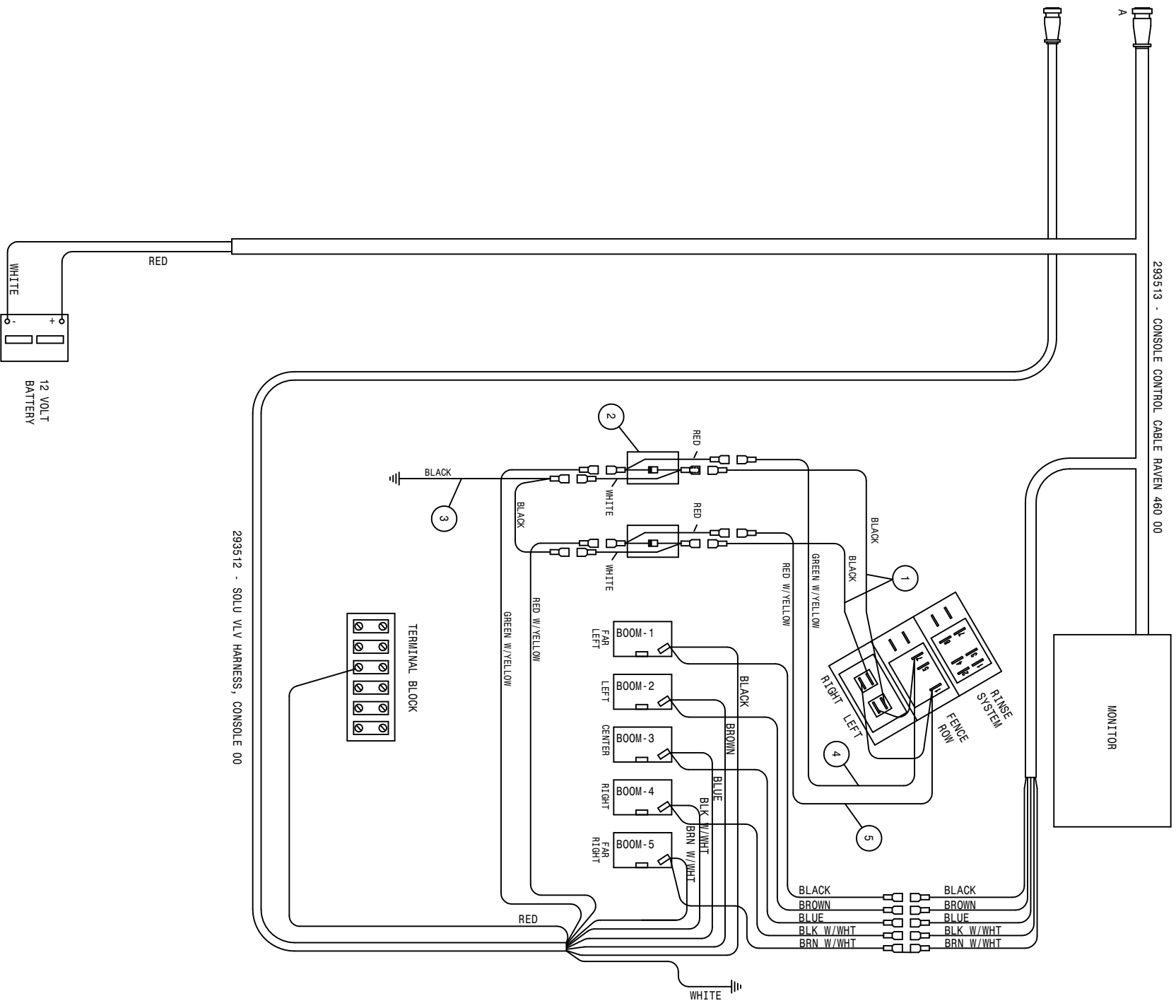
293473 - CAB WIRE HARNESS



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2	1	293300	16GA	BLK-291511-291571-18
1	1	293299	16GA	BLK-291511-291571-30
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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

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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

ABBREVIATIONS

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

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