

**PARTS MANUAL**  
**FOR**  
**HAGIE MODEL 284 HI-TRACTOR**  
**144 IN TREAD**

**HAGIE MANUFACTURING COMPANY**

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

COVERS MACHINE SERIAL NUMBERS: 038199001 thru 038199100

09-98 493195  
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

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ENGINE SERIAL NUMBER

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PLANETARY HUB IDENTIFICATION NUMBERS

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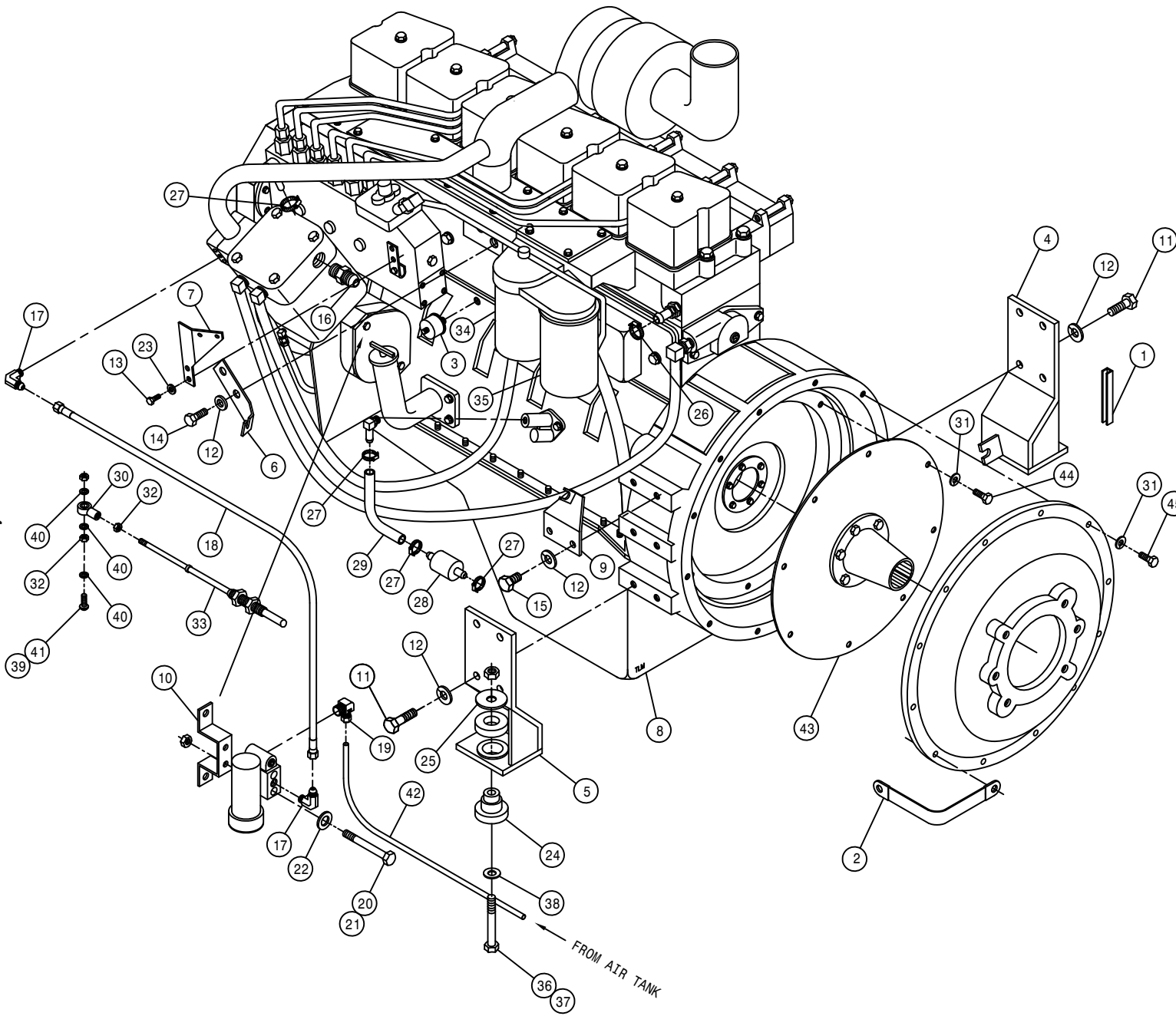
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ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

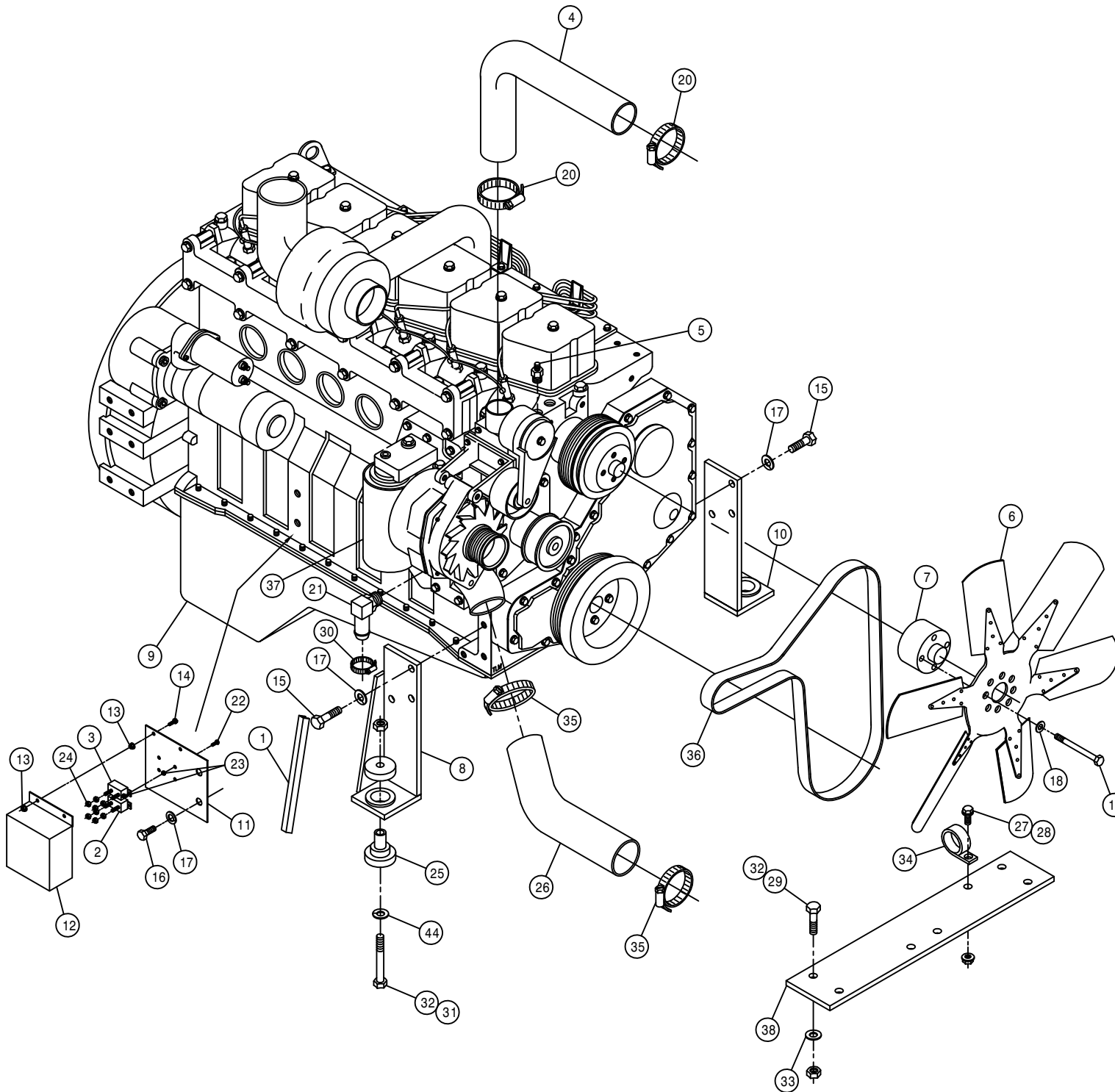
|    |    |        |                                |
|----|----|--------|--------------------------------|
| 1  | 1  | 193012 | QUICKEDGE TRIM .135 TO .250    |
| 2  | 1  | 290107 | GROUND STRAP 8 IN              |
| 3  | 1  | 291674 | OIL PRESS SENDER,125PSI,1/8NPT |
| 4  | 1  | 316252 | RH REAR ENG 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 | 3  | 920510 | #10 LOCK WASHER                |
| 41 | 1  | 903893 | 10-32 X 1" SLT RD HD MACH SCR  |
| 42 | 1  | 601394 | HOSE, 1/4"OD 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      |



ENGINE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |   |        |                                |
|----|---|--------|--------------------------------|
| 1  | 1 | 193012 | QUICKEDGE TRIM .135 TO .250    |
| 2  | 1 | 291197 | CIRCUIT BREAKER,30AMP,INLINEM  |
| 3  | 1 | 291556 | CIRCUIT BREAKER,50AMP,INLINEM  |
| 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        |

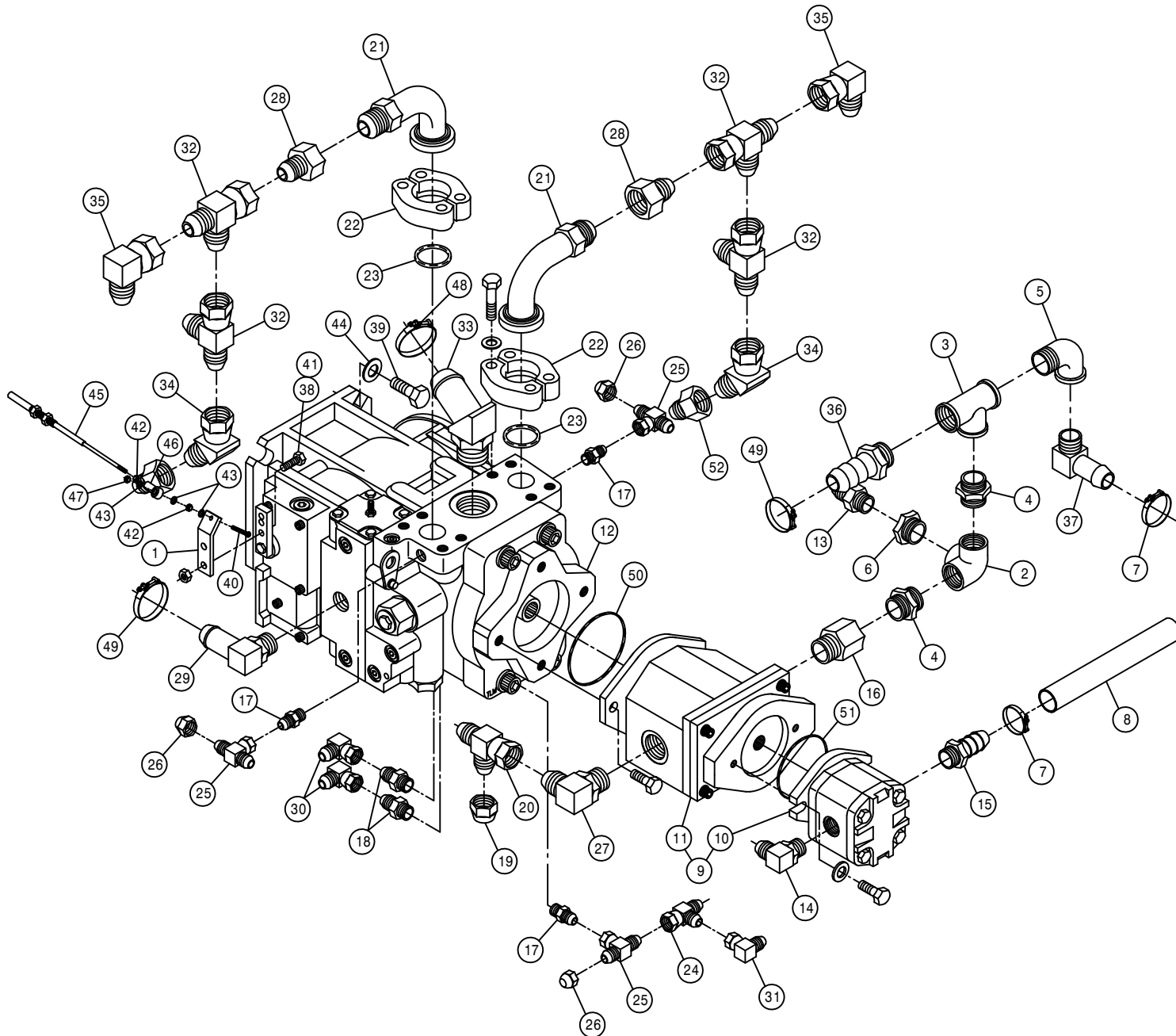


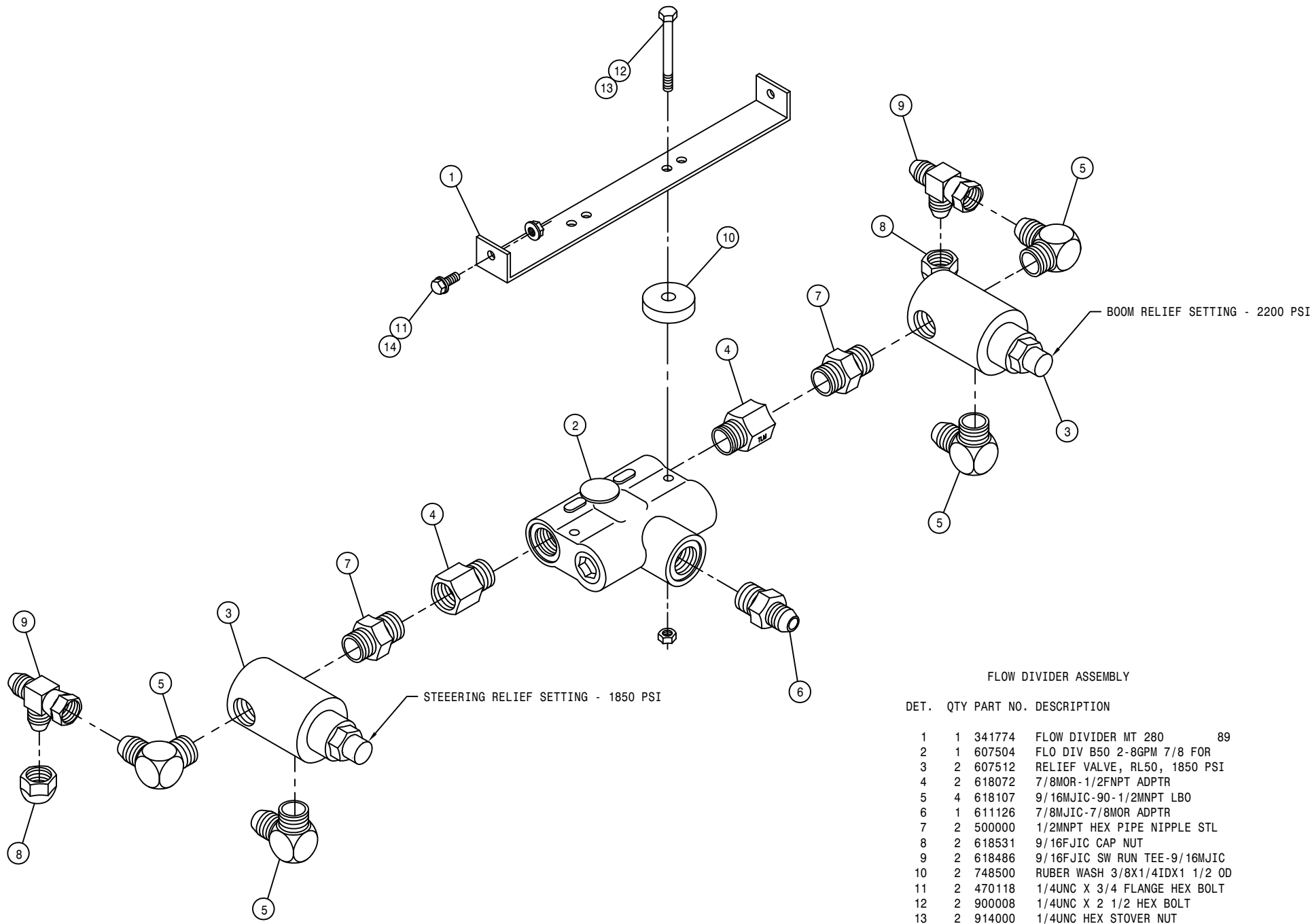
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SUNDSTRAND PUMP ASSEMBLY

DET. QTY PART NO. DESCRIPTION

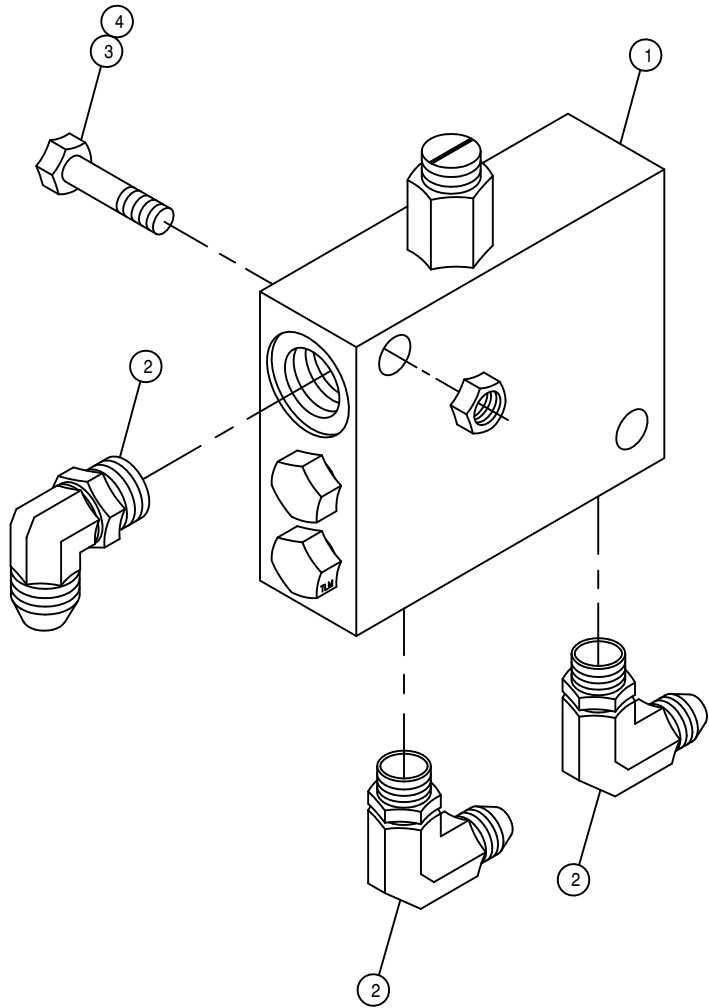
|    |   |        |                                |
|----|---|--------|--------------------------------|
| 1  | 1 | 316319 | PUMP CTRL LEVER EXT,284 CUMM98 |
| 2  | 1 | 505098 | SIDE OUTLET EL 90DEG 1.00NPT   |
| 3  | 1 | 505101 | BLK PIPE TEE 1.00NPT           |
| 4  | 2 | 505105 | 1MNPT HEX PIPE NIPPLE 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 | .75 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           |
| 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 | 1.00 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    |    |

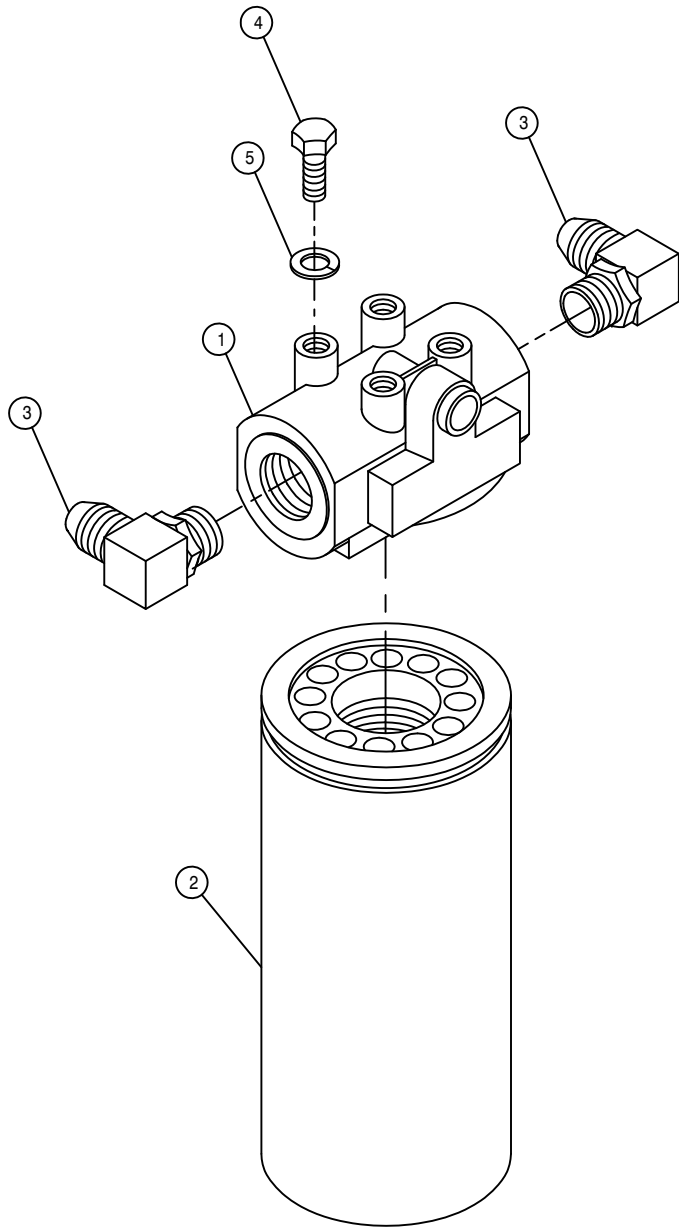


LOOP FLUSHING VALVE ASSEMBLY

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       |

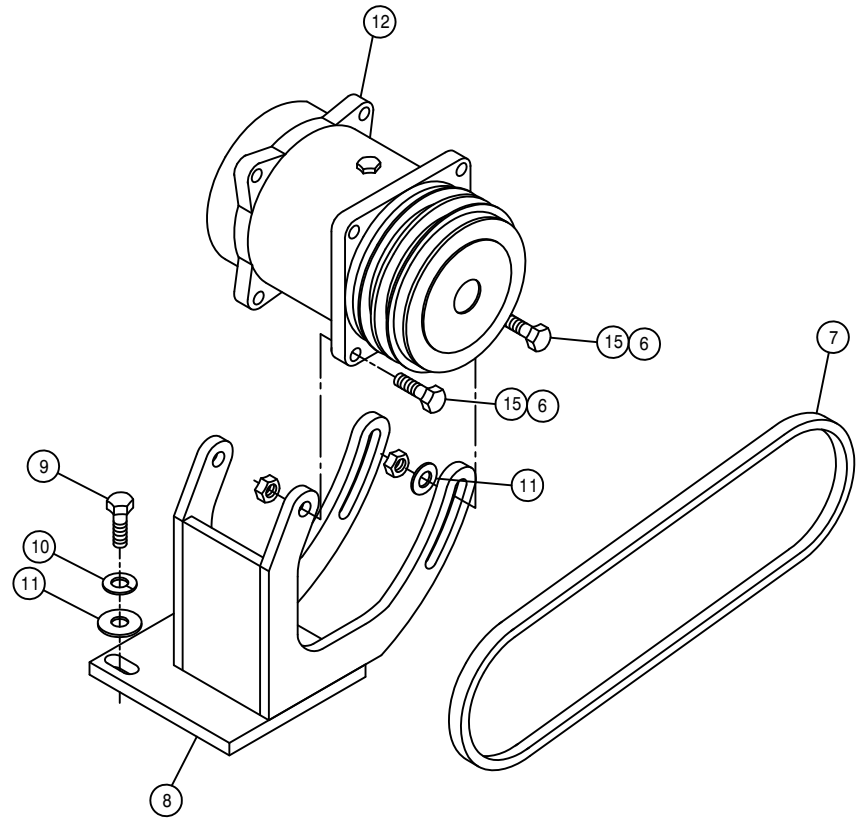
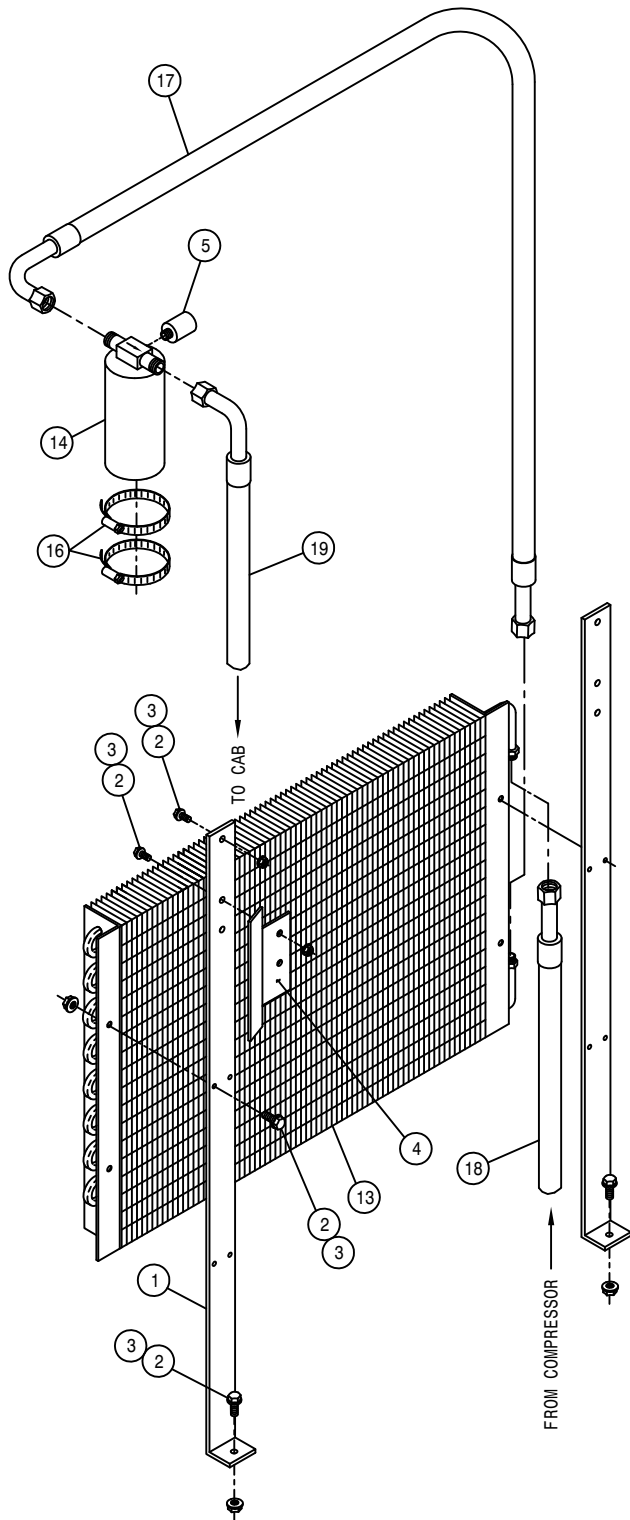




HI-PRESS FILTER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

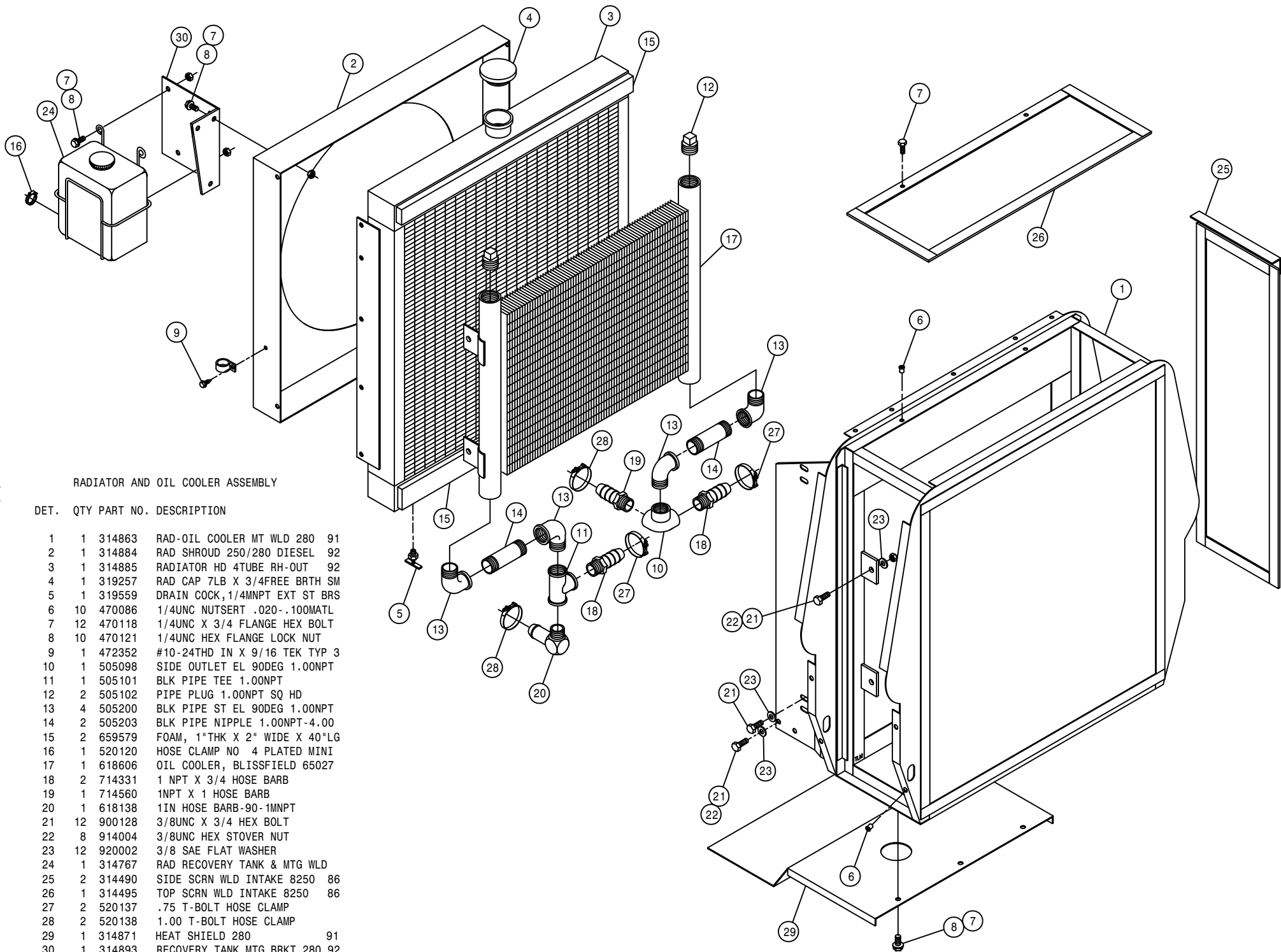
|   |   |        |                               |
|---|---|--------|-------------------------------|
| 1 | 1 | 605608 | HYD FILTER HEAD, DONALDSON    |
| 2 | 1 | 605609 | HYD FILTER ELEMENT, DONALDSON |
| 3 | 2 | 618474 | 3/4MJIC-90-1 1/16MOR LBO      |
| 4 | 4 | 900128 | 3/8UNC X 3/4 HEX BOLT     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



A/C COMPRESSOR PUMP ASSEMBLY

DET. QTY PART NO. DESCRIPTION

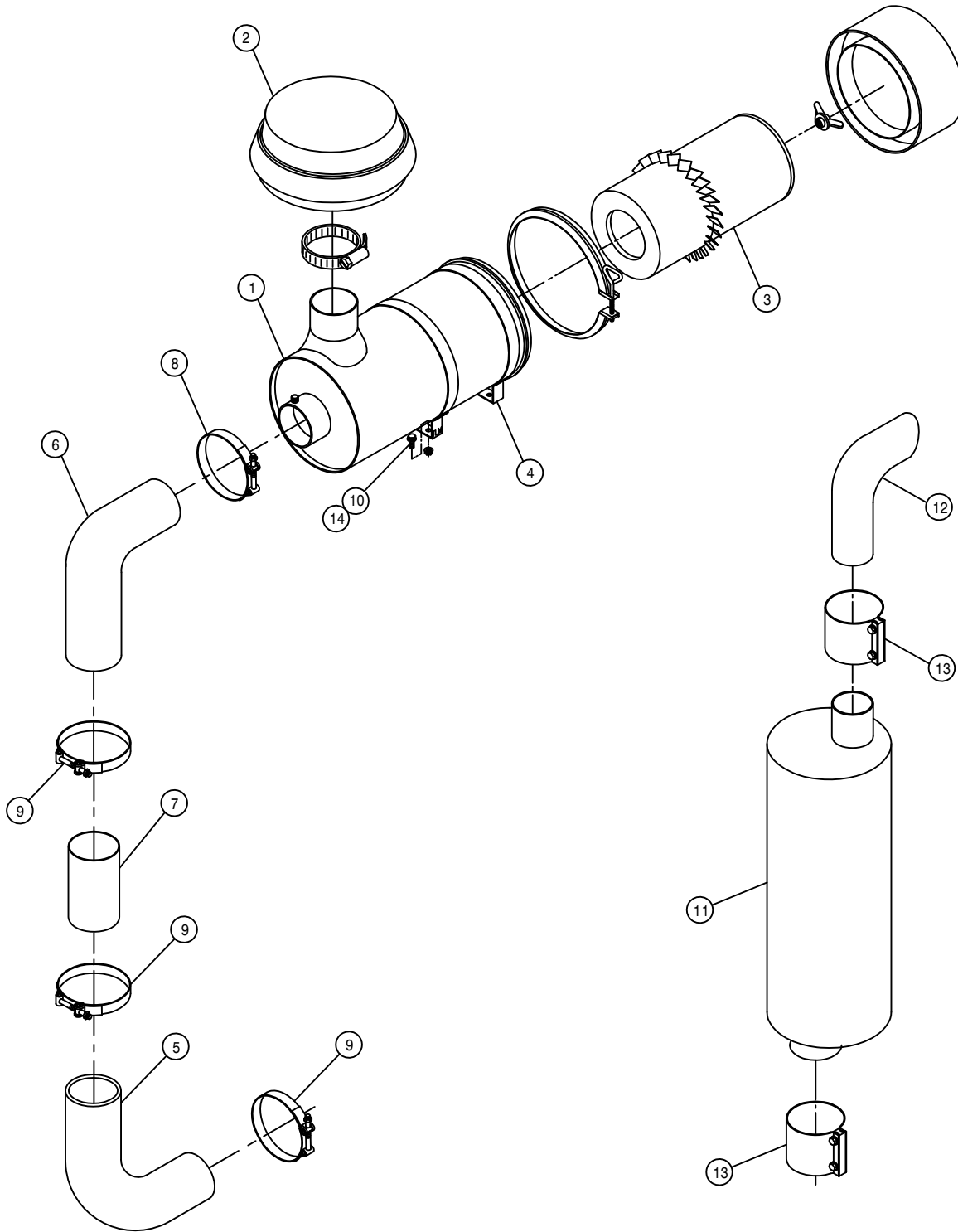
|    |    |        |                                |     |
|----|----|--------|--------------------------------|-----|
| 1  | 2  | 315036 | CONDENSER MTG BRKT             | 99  |
| 2  | 10 | 470118 | 1/4UNC X 3/4 FLANGE HEX BOLT   |     |
| 3  | 10 | 470121 | 1/4UNC HEX FLANGE LOCK NUT     |     |
| 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             | 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

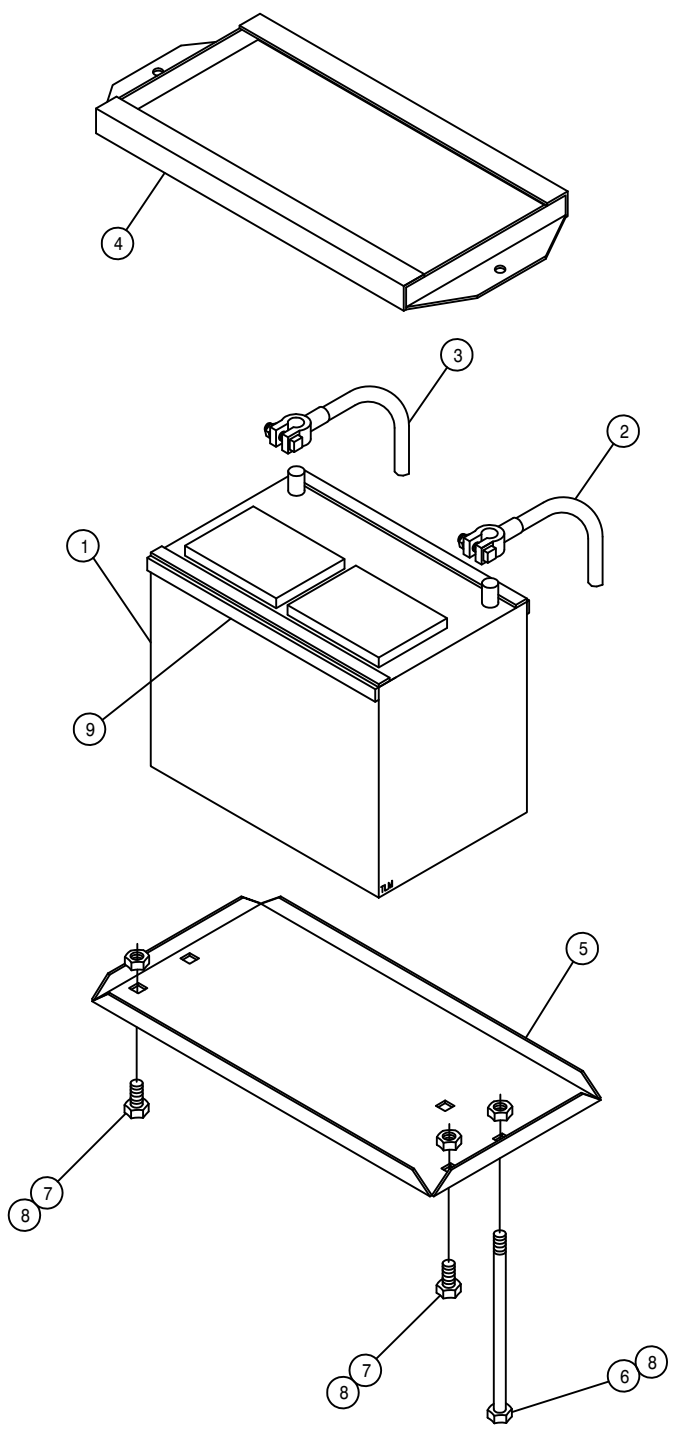
|    |    |        |                                |    |
|----|----|--------|--------------------------------|----|
| 1  | 1  | 314863 | RAD-OIL COOLER MT WLD 280      | 91 |
| 2  | 1  | 314884 | RAD SHROUD 250/280 DIESEL      | 92 |
| 3  | 1  | 314885 | RADIATOR HD 4TUBE RH-OUT       | 92 |
| 4  | 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 PLATED MINI    |    |
| 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 | .75 T-BOLT HOSE CLAMP          |    |
| 28 | 2  | 520138 | 1.00 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  | 1 | 314970 | AIR CLEANER, 510 CFM           |
| 2  | 1 | 314971 | AIR CLEANER HOOD FOR 314970    |
| 3  | 1 | 314973 | AIR CLEANER ELEMENT FOR314970  |
| 4  | 2 | 314972 | AIR CLEANER MT BAND FOR314970  |
| 5  | 1 | 316309 | 4" 90DEG ELBOW, RUBBER         |
| 6  | 1 | 316297 | 5" -4" 90DEG REDU ELBOW,RUBBER |
| 7  | 1 | 316298 | 4" X 11.50" AIR INTAKE TUBE,97 |
| 8  | 1 | 520136 | 5.00 T-BOLT HOSE CLAMP         |
| 9  | 3 | 520134 | 4.00 T-BOLT HOSE CLAMP         |
| 10 | 4 | 470113 | 5/16UNC HEX FLANGE LOCK NUT    |
| 11 | 1 | 316299 | MUFFLER, 3" DONALDSON 97       |
| 12 | 1 | 316300 | 3" EXHAUST STACK 97            |
| 13 | 2 | 470243 | 3" STRAP BAND EXHAUST CLAMP    |
| 14 | 4 | 470233 | 5/16UNC X 3/4 FLANGE HEX BOLT  |

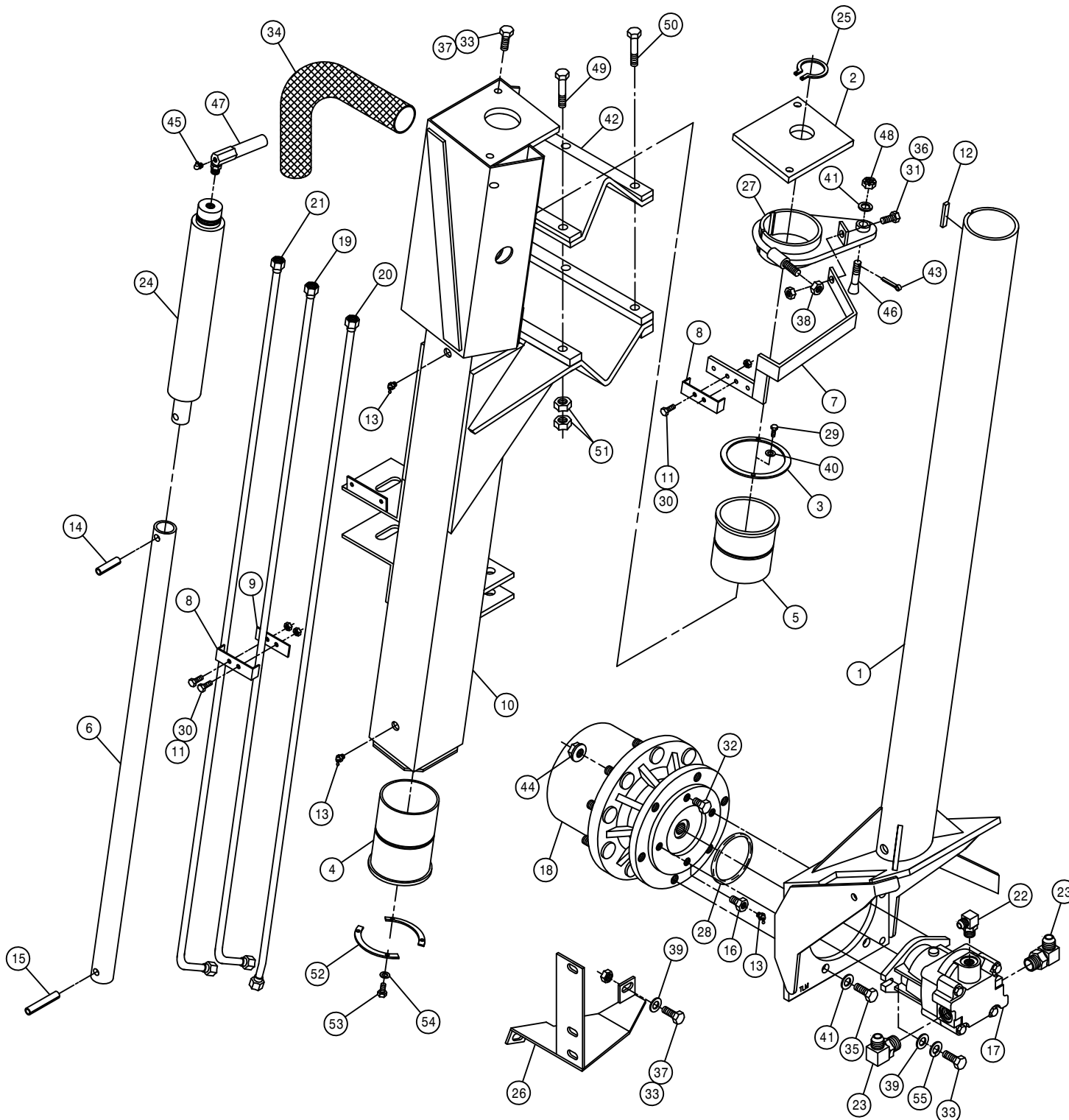


BATTERY BOX ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                 |
|------|-----|----------|-----------------------------|
| 1    | 1   | 291122   | BATTERY, 950 C.C.A. 185 RES |
| 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       |

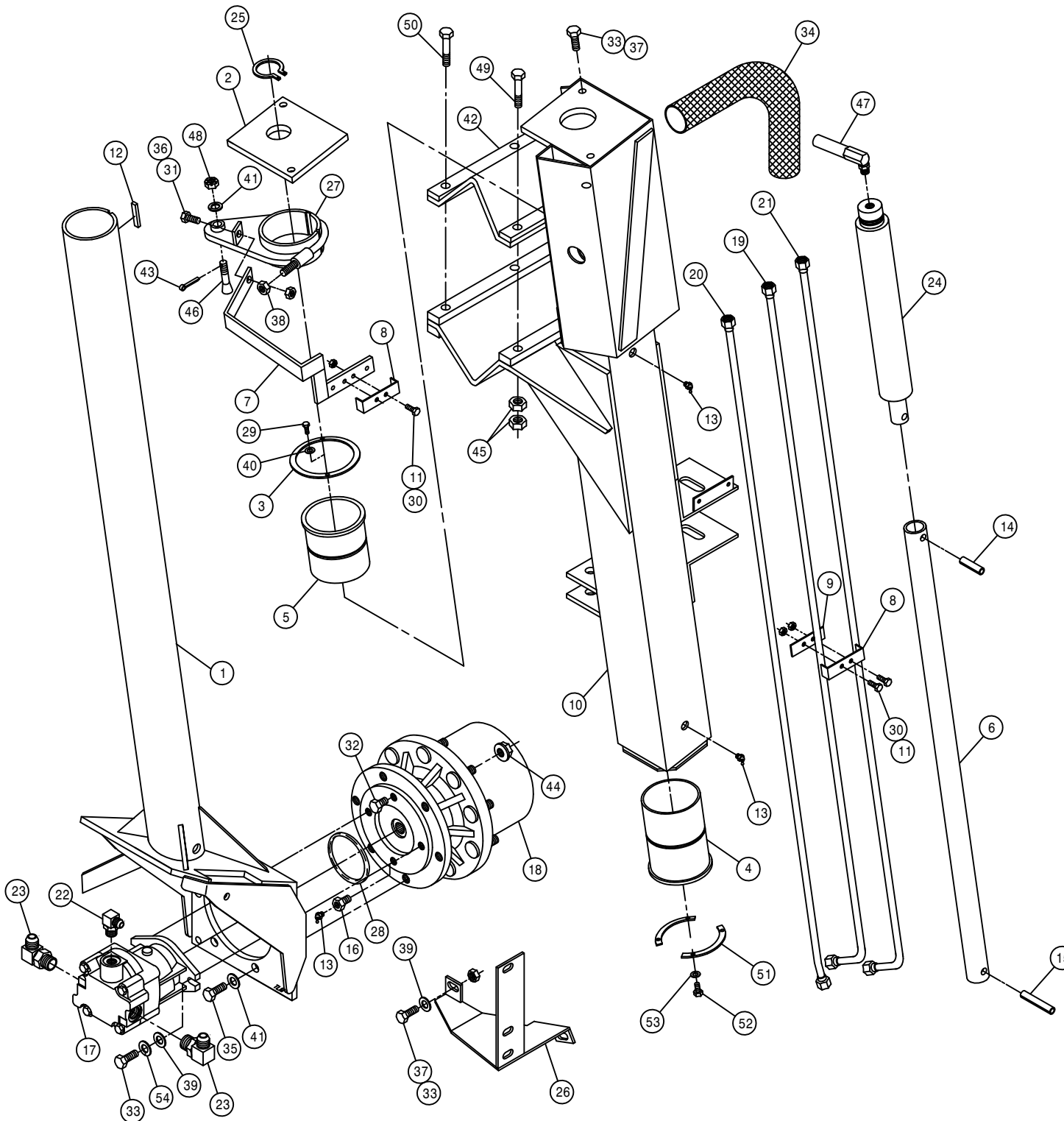
RIGHT FRONT LEG ASSEMBLY

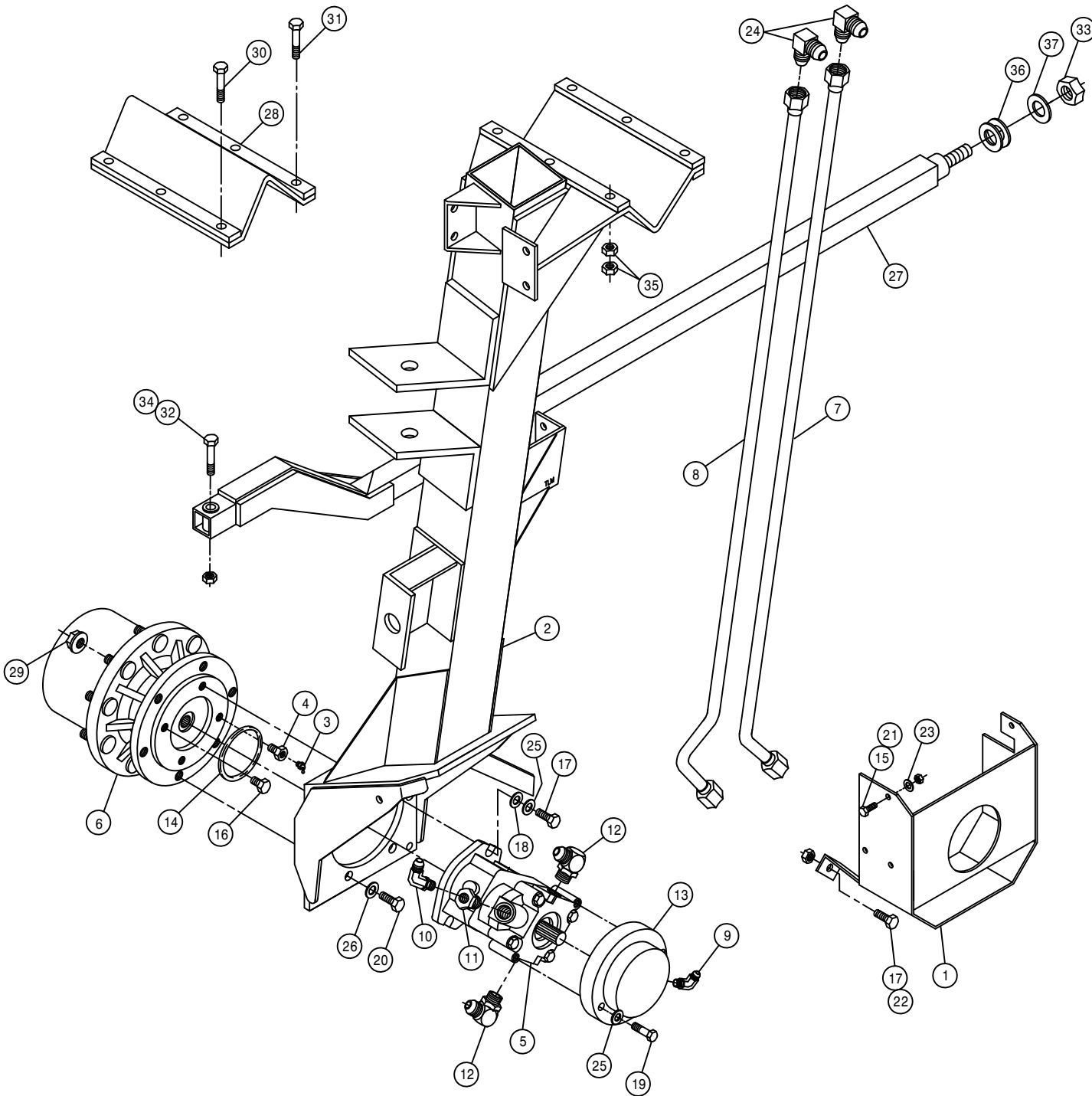
| DET. | QTY | PART NO. | DESCRIPTION                    |     |
|------|-----|----------|--------------------------------|-----|
| 1    | 1   | 358535   | RH FRT INNER LEG WLD 280       | 89  |
| 2    | 1   | 358562   | LEG CYL MTG PLATE 280          | 89  |
| 3    | 1   | 358563   | FRT LEG BRG KPR 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 OTRHYDTUBE ASY28496  |     |
| 22   | 1   | 618183   | 3/4MJIC-90-7/8MOR LBO          |     |
| 23   | 2   | 618248   | 1 1/16MJIC-90-1 1/16MOR LBO    |     |
| 24   | 1   | 620570   | HYD CYL LEG LEVEL 2.00 X 12    |     |
| 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   | 615666   | FRT LEG CYL HOSE, 284W         | 95  |
| 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    | 1   | 358536   | LH FRT INNER LEG WLD 280       | 89  |
| 2    | 1   | 358562   | LEG CYL MTG PLATE 280          | 89  |
| 3    | 1   | 358563   | FRT LEG BRG KPR 280            | 89  |
| 4    | 1   | 358564   | FRT LEG LWR NYL SLEEVE 280     | 89  |
| 5    | 1   | 358565   | FRT LEG UPR NYL SLEEVE 280     | 89  |
| 6    | 1   | 358566   | LEG CYL SHAFT EXTENSION280     | 89  |
| 7    | 1   | 358708   | LH FRT LEG TUBE BRKT WLD280TA  |     |
| 8    | 2   | 358739   | FRT LEG HYD TUBE CLMP, 284     | 94  |
| 9    | 1   | 358740   | FRT LEG HYD TUBE KPR, 284      | 94  |
| 10   | 1   | 358948   | LH FRT OUTER LEG WLD, 284      | 99  |
| 11   | 4   | 470121   | 1/4UNC HEX FLANGE LOCK NUT     |     |
| 12   | 1   | 470185   | KEY .25 X .375 X 2.00 LG       |     |
| 13   | 3   | 471023   | GREASE ZERK 1/4-28 X 45        |     |
| 14   | 1   | 473903   | SPIRAL PIN 1/2 X 2             | 640 |
| 15   | 1   | 473904   | SPIRAL PIN 1/2 X 3             | 640 |
| 16   | 1   | 610556   | 1/2UNC X 1/2 ZERK BOLT T-HUB   |     |
| 17   | 1   | 610571   | SUND M35-3002 WHL MTR          |     |
| 18   | 1   | 610683   | TORQ HUB, 15:1 B-MT MW3BA      |     |
| 19   | 1   | 615656   | FRT LEG CNTR HYD TUBE ASSY284  |     |
| 20   | 1   | 615702   | FRT LEG INR HYD TUBE ASSY28496 |     |
| 21   | 1   | 615704   | LH FRTLEG OUTHYDTUBE ASY28496  |     |
| 22   | 1   | 618183   | 3/4MJIC-90-7/8MOR LBO          |     |
| 23   | 2   | 618248   | 1 1/16MJIC-90-1 1/16MOR LBO    |     |
| 24   | 1   | 620570   | HYD CYL LEG LEVEL 2.00 X 12    |     |
| 25   | 1   | 629515   | SNAP RING 1 3/4 EXTRN HDUTY    |     |
| 26   | 1   | 662156   | LH FRT MTG WLD FOR CROP GUIDE  |     |
| 27   | 1   | 749291   | LH STRG ARM WLD,280 TREAD ADJ  |     |
| 28   | 1   | 870045   | O-RING 4 1/8 OD X 4 ID         |     |
| 29   | 2   | 900000   | 1/4UNC X 1/2 HEX BOLT          |     |
| 30   | 4   | 900005   | 1/4UNC X 1 1/2 HEX BOLT        |     |
| 31   | 1   | 900129   | 3/8UNC X 1" HEX BOLT           |     |
| 32   | 1   | 900260   | 1/2UNC X 1/2 H BOLT GR2 UNPLT  |     |
| 33   | 7   | 900265   | 1/2UNC X 1 1/2 HEX BOLT        |     |
| 34   | 1   | 342335   | NYL HOSE SLEEVE,2.64ID X 36.00 |     |
| 35   | 6   | 900333   | 5/8UNC X 1 1/2 HEX BOLT        |     |
| 36   | 1   | 914004   | 3/8UNC HEX STOVER NUT          |     |
| 37   | 5   | 914008   | 1/2UNC HEX STOVER NUT          |     |
| 38   | 1   | 914010   | 5/8UNC HEX STOVER NUT          |     |
| 39   | 5   | 920004   | 1/2 SAE FLAT WASHER            |     |
| 40   | 2   | 920500   | 1/4 LOCK WASHER                |     |
| 41   | 7   | 920505   | 5/8 LOCK WASHER                |     |
| 42   | 1   | 358759   | LEG MT V-PLT WLD, 284T         | 94  |
| 43   | 1   | 470035   | COTTER PIN 5/32 X 1 1/2        |     |
| 44   | 9   | 470140   | 5/8UNF HEX SMTH FLANGE NUT PLT |     |
| 45   | 12  | 914811   | 5/8UNF HEX NUT GR8             |     |
| 46   | 1   | 749293   | STRG ARM BOLT, TAPERED         |     |
| 47   | 1   | 615666   | FRT LEG CYL HOSE, 284W         | 95  |
| 48   | 1   | 822040   | 5/8-18UNF SLOTTED HEX NUT      |     |
| 49   | 3   | 900836   | 5/8UNF X 3 1/4 HEX BOLT GR8    |     |
| 50   | 3   | 900837   | 5/8UNF X 3 1/2 HEX BOLT GR8    |     |
| 51   | 2   | 358927   | LWR BRG KPR, LEG               | 98  |
| 52   | 4   | 900064   | 5/16UNC X 3/4 HEX BOLT         |     |
| 53   | 4   | 920501   | 5/16 LOCK WASHER               |     |
| 54   | 2   | 920504   | 1/2 LOCK WASHER                |     |

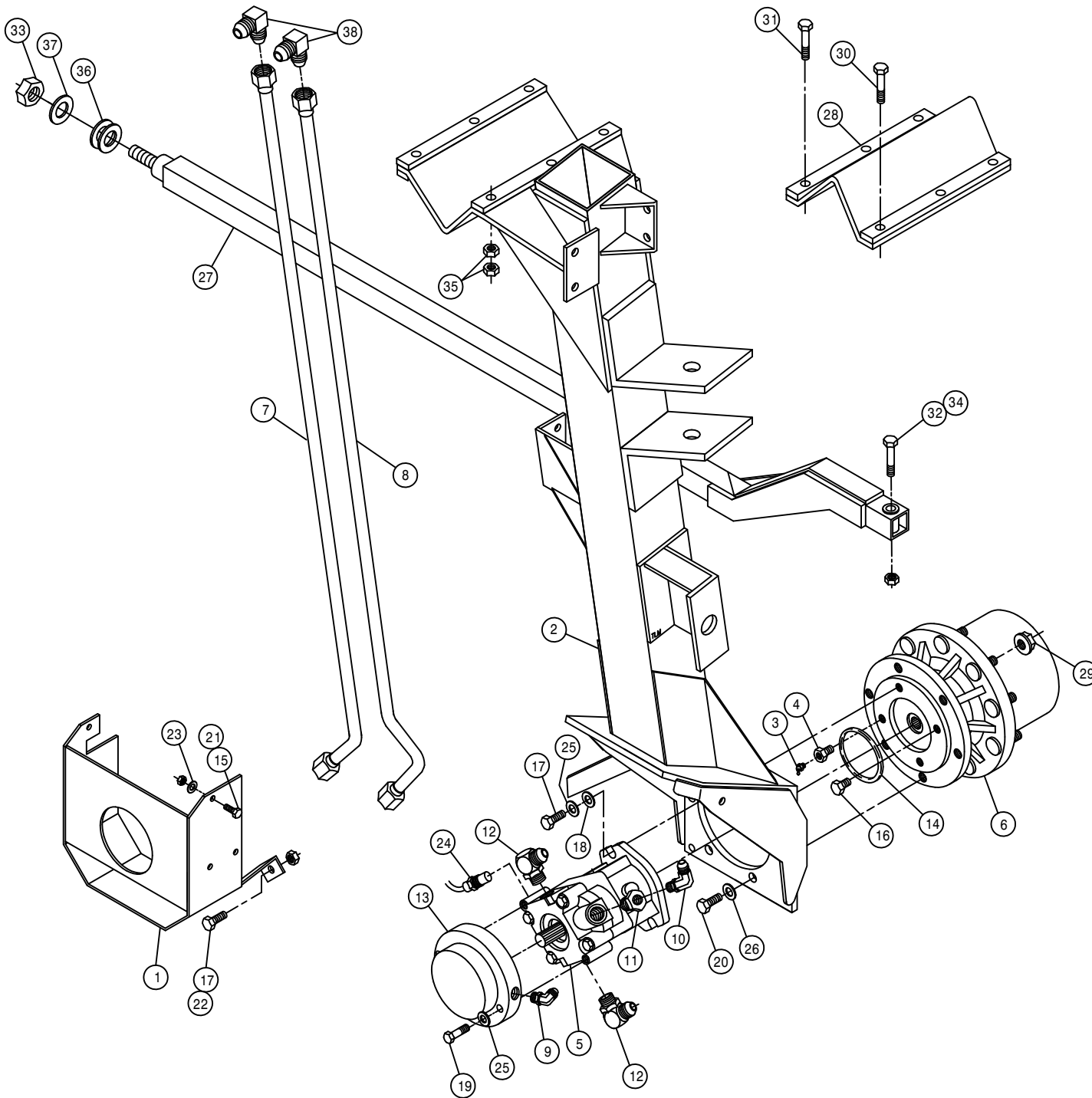




RIGHT REAR LEG ASSEMBLY

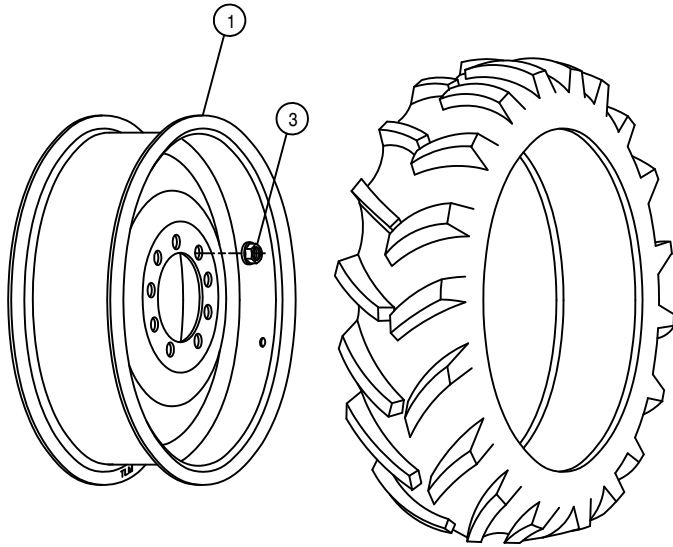
| DET. | QTY | PART NO. | DESCRIPTION                    |    |
|------|-----|----------|--------------------------------|----|
| 1    | 1   | 358823   | RH REAR WHL MTR SHLD WLD       | 97 |
| 2    | 1   | 358827   | RH REAR LEG WLD, 284           | 97 |
| 3    | 1   | 471023   | GREASE ZERK 1/4-28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



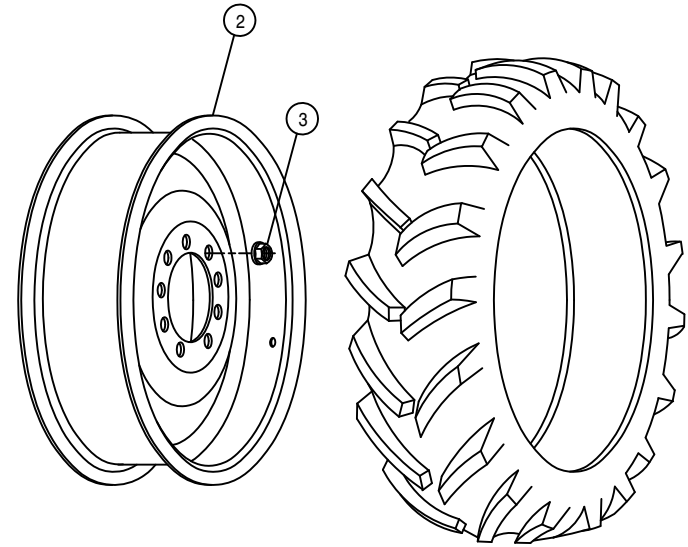


LEFT REAR LEG ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                    |    |
|------|-----|----------|--------------------------------|----|
| 1    | 1   | 358824   | LH REAR WHL MTR SHLD WLD       | 97 |
| 2    | 1   | 358828   | LH REAR LEG WLD, 284           | 97 |
| 3    | 1   | 471023   | GREASE ZERK 1/4-28 X 45        |    |
| 4    | 1   | 610556   | 1/2UNC X 1/2 ZERK BOLT T-HUB   |    |
| 5    | 1   | 610621   | SUND HYD MOTOR                 |    |
| 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

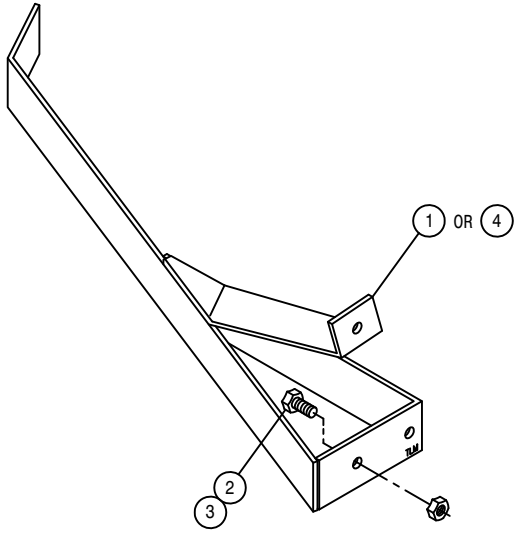


12.4-28 BIAS TIRE

TIRE AND RIM ASSEMBLIES

DET. QTY PART NO. DESCRIPTION

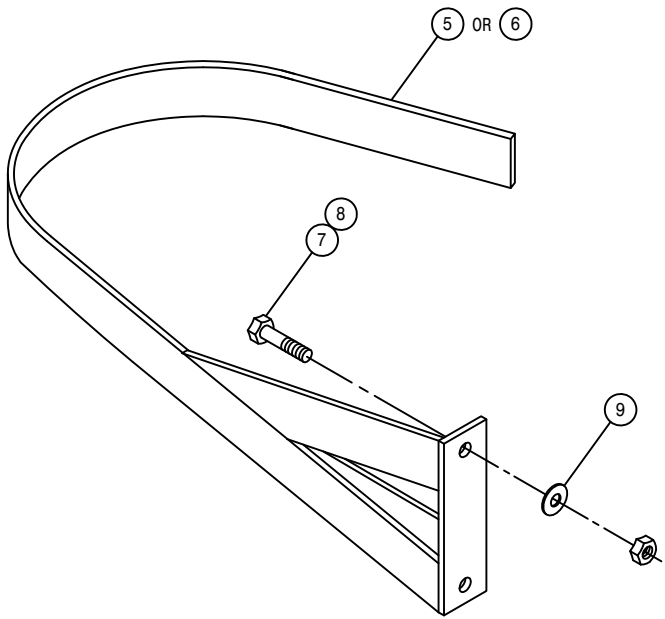
|   |    |        |                                |    |
|---|----|--------|--------------------------------|----|
| 1 | 1  | 821045 | RIM WLD, W12-28, 284           | 98 |
| 2 | 1  | 821047 | RIM WLD, W10-28, 284           | 98 |
| 3 | 18 | 470140 | 5/8UNF HEX SMTH FLANGE NUT PLT |    |



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 FLAT WASHER SAE        |        |

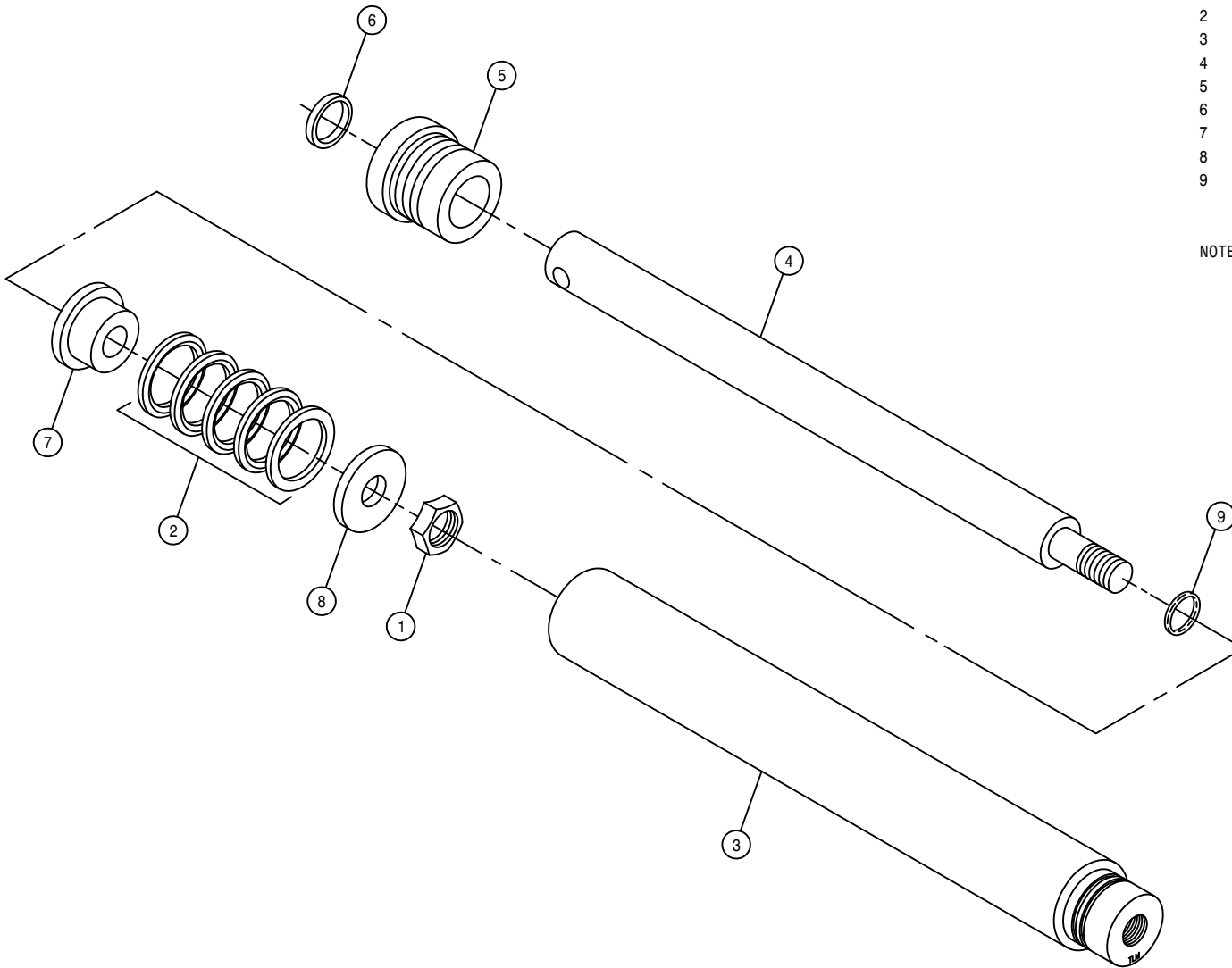


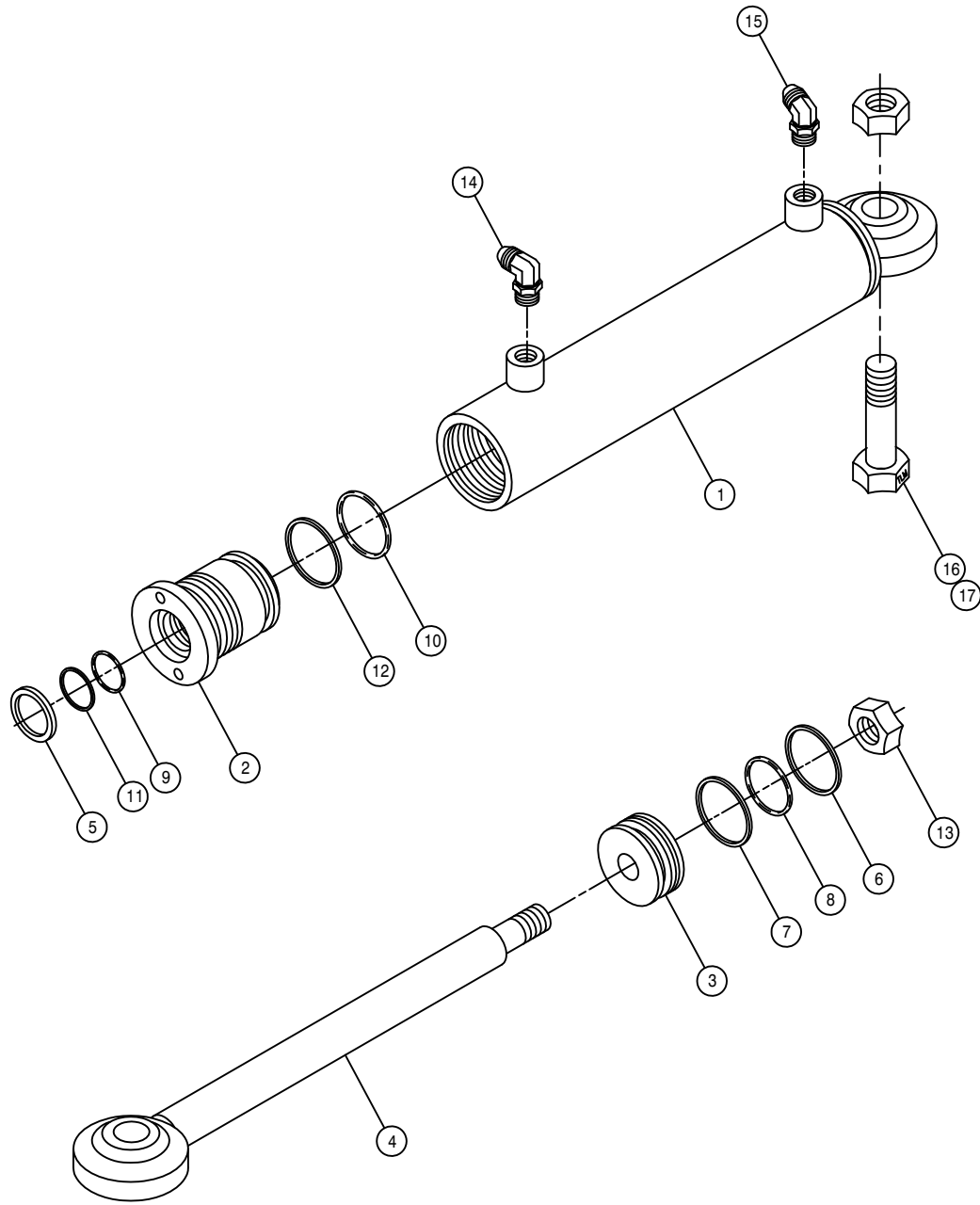
FRONT LEG CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

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

NOTE: 620570 - CYLINDER ASSEMBLY  
620575 - SEAL KIT





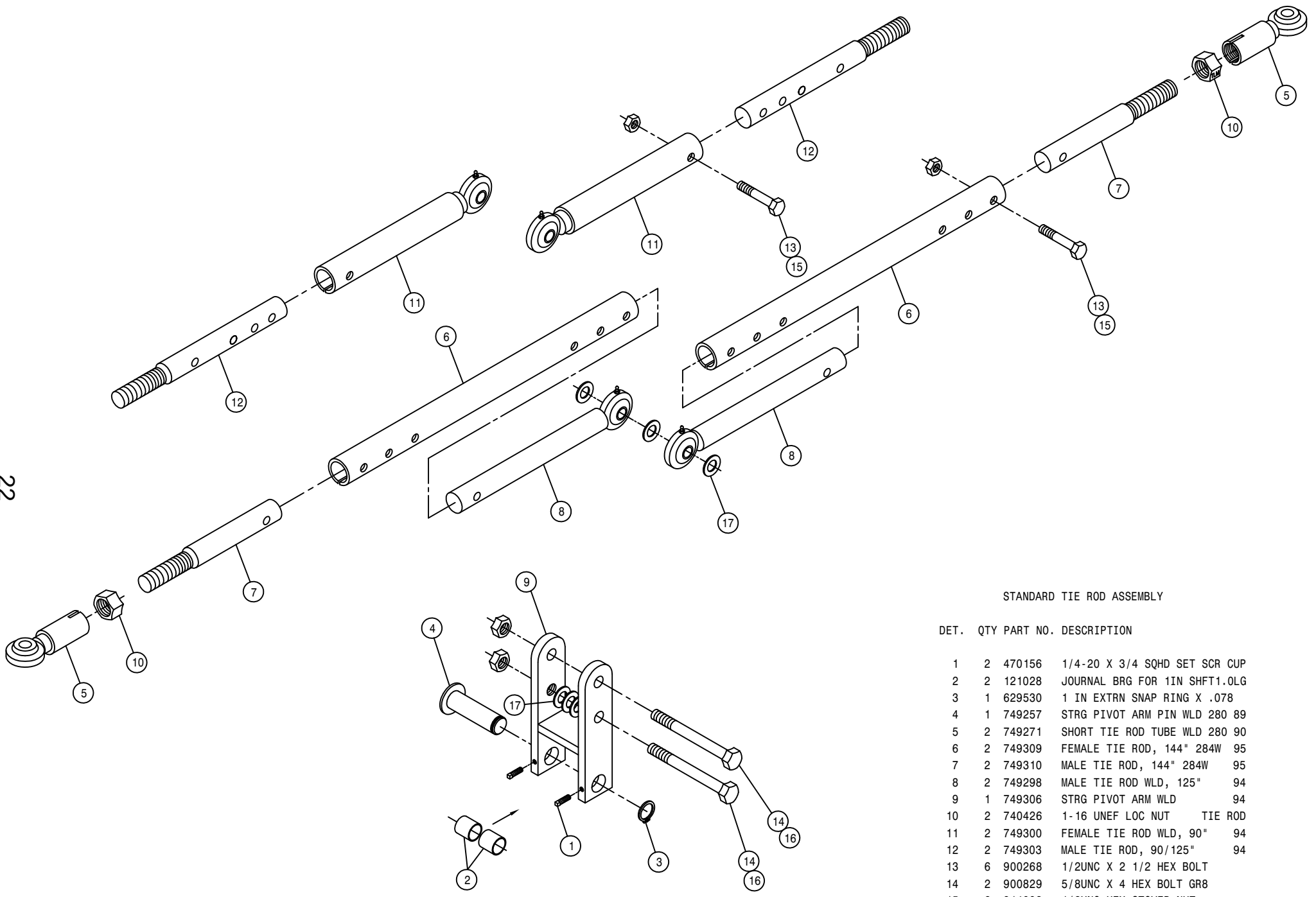
STEERING CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |   |        |                                |
|----|---|--------|--------------------------------|
| 1  | 1 | 620089 | STRG CYL TUBE WLD 1.5 X 6. 85  |
| 2  | 1 | 620109 | GLAND HYD CYL 1.5 X .75 1985   |
| 3  | 1 | 620129 | PISTON HYD CYL 1.5 X .5 1985   |
| 4  | 1 | 620148 | STRG CYL SHAFT WLD             |
| 5  | 1 | 629028 | WIPER, 10D X 3/4ID X 1/8       |
| 6  | 1 | 629616 | SEAL, 1704-24 HT20550R POLYHON |
| 7  | 1 | 629618 | WEAR RING, 1.5" HYD CYL        |
| 8  | 1 | 870025 | BUNA ORING 1 3/16 X 1 5/16     |
| 9  | 1 | 870210 | BUNA ORING 3/4 X 1             |
| 10 | 1 | 870218 | BUNA ORING 1 1/4 X 1 1/2       |
| 11 | 1 | 890210 | BACKUP WASH 3/4 X1 HT2022      |
| 12 | 1 | 890218 | BACKUP WASH1 1/4X1 1/2 HT2022  |
| 13 | 1 | 914009 | 1/2UNF HEX STOVER NUT          |
| 14 | 1 | 611122 | 9/16MJIC-90-1/4MNPT LBO        |
| 15 | 1 | 618338 | 9/16MJIC-45-1/4MNPT LBO        |
| 16 | 1 | 900336 | 5/8UNC X 2 1/2 HEX BOLT        |
| 17 | 1 | 914010 | 5/8UNC HEX STOVER NUT          |

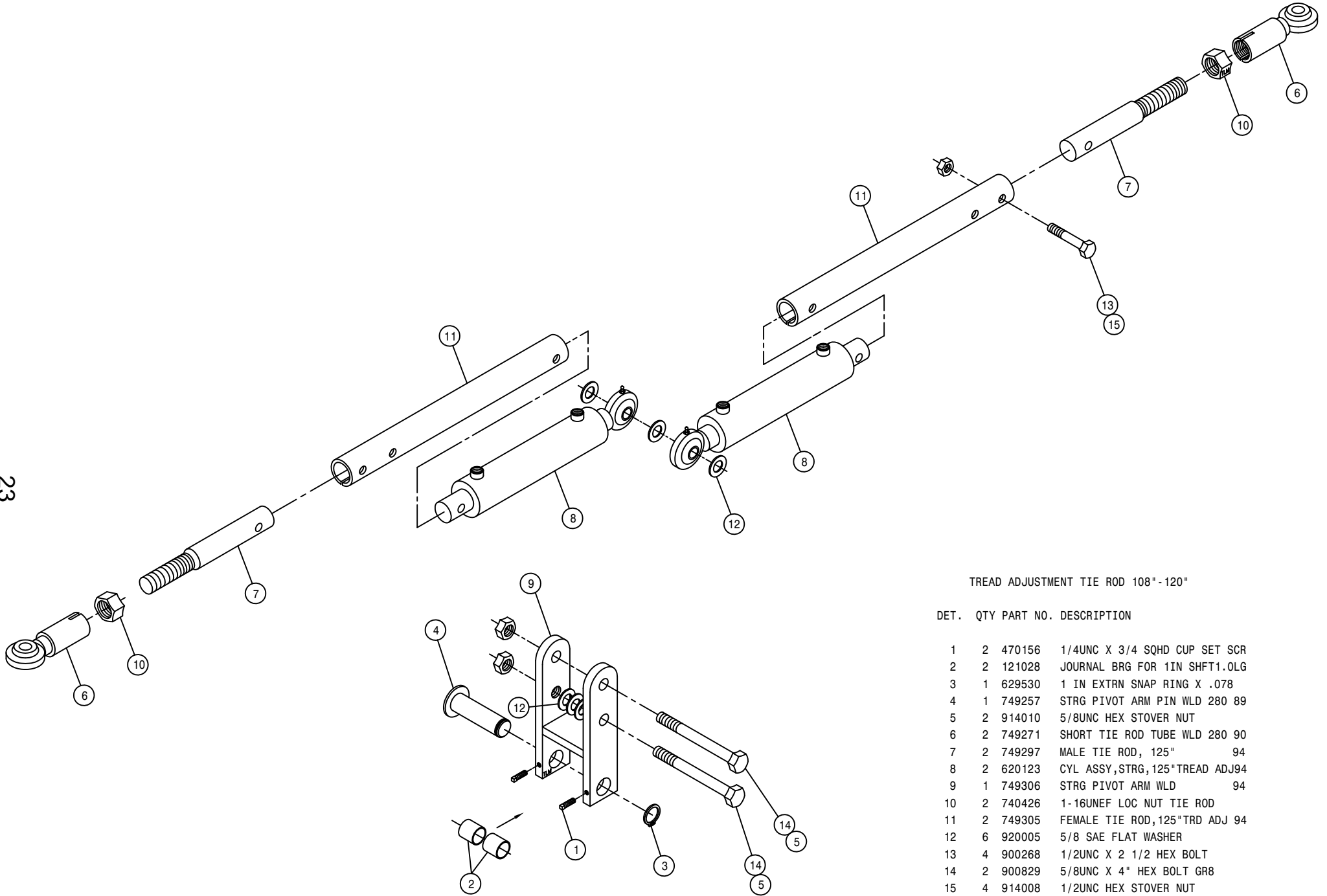
NOTE: 1. 620080 - CYLINDER ASSEMBLY

2. 620998 - SEAL KIT



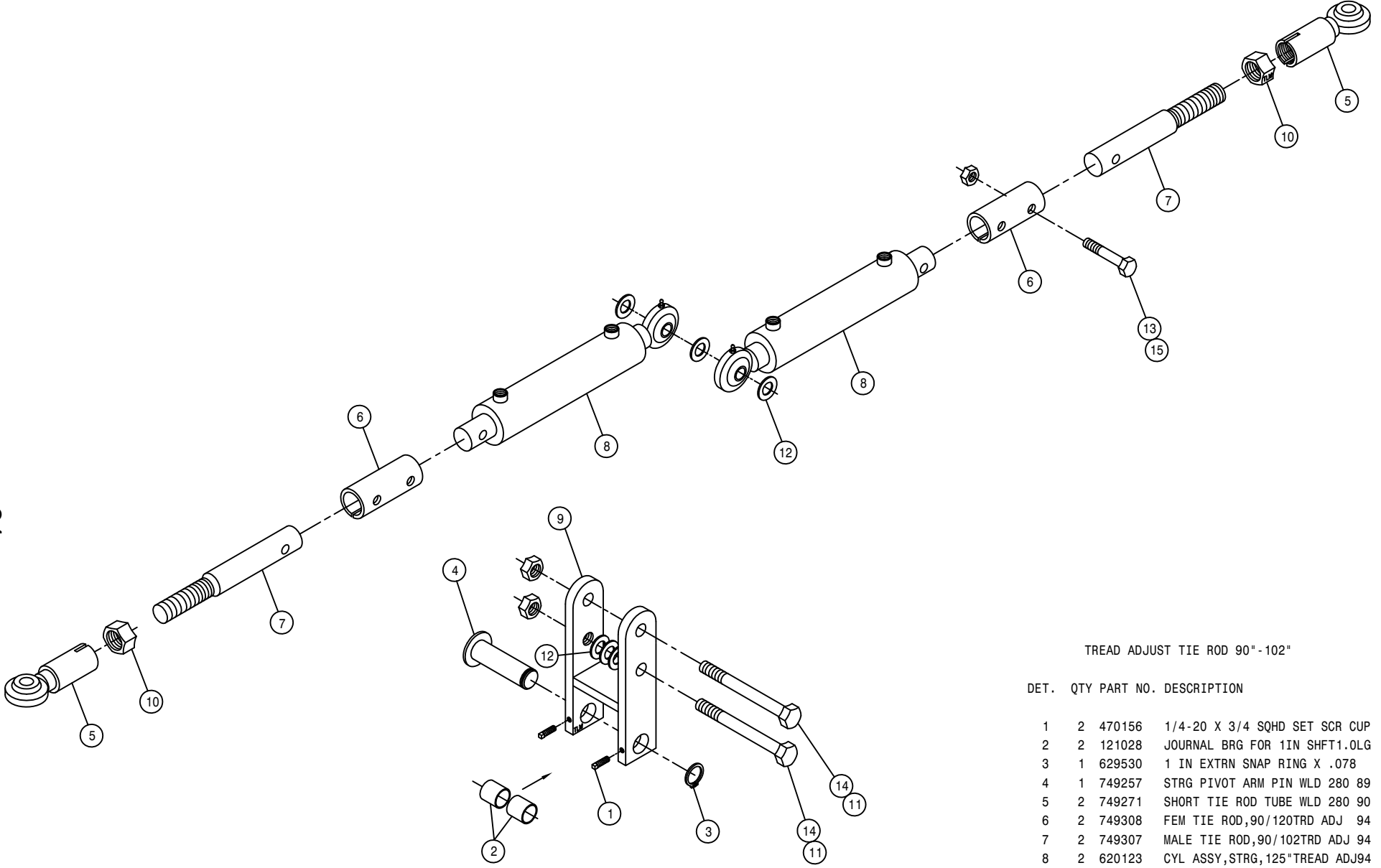
STANDARD TIE ROD ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 2   | 470156   | 1/4-20 X 3/4 SQHD SET SCR CUP |
| 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   | 749309   | FEMALE TIE ROD, 144" 284W 95  |
| 7    | 2   | 749310   | MALE TIE ROD, 144" 284W 95    |
| 8    | 2   | 749298   | MALE TIE ROD WLD, 125" 94     |
| 9    | 1   | 749306   | STRG PIVOT ARM WLD 94         |
| 10   | 2   | 740426   | 1-16 UNEF 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 FLAT WASH SAE             |



TREAD ADJUSTMENT TIE ROD 108" - 120"

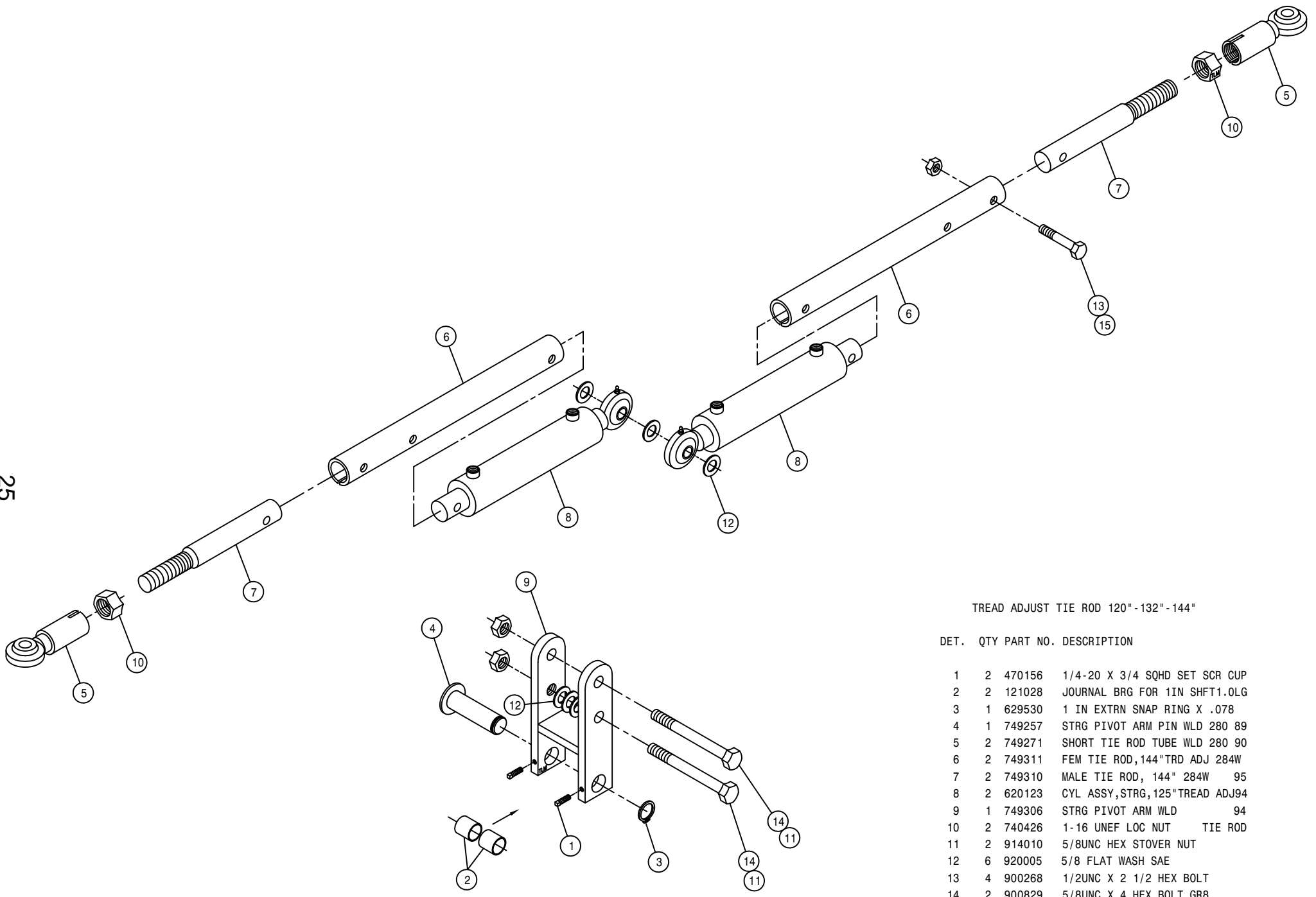
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
|      | 2   | 470156   | 1/4UNC X 3/4 SQHD CUP SET SCR |
|      | 2   | 121028   | JOURNAL BRG FOR 1IN SHFT1.0LG |
|      | 1   | 629530   | 1 IN EXTRN SNAP RING X .078   |
|      | 1   | 749257   | STRG PIVOT ARM PIN WLD 280 89 |
|      | 2   | 914010   | 5/8UNC HEX STOVER NUT         |
|      | 2   | 749271   | SHORT TIE ROD TUBE WLD 280 90 |
|      | 2   | 749297   | MALE TIE ROD, 125" 94         |
|      | 2   | 620123   | CYL ASSY,STRG,125"TRD ADJ94   |
|      | 1   | 749306   | STRG PIVOT ARM WLD 94         |
|      | 2   | 740426   | 1-16UNEF LOC NUT TIE ROD      |
|      | 2   | 749305   | FEMALE TIE ROD,125"TRD ADJ 94 |
|      | 6   | 920005   | 5/8 SAE FLAT WASHER           |
|      | 4   | 900268   | 1/2UNC X 2 1/2 HEX BOLT       |
|      | 2   | 900829   | 5/8UNC X 4" HEX BOLT GR8      |
|      | 4   | 914008   | 1/2UNC HEX STOVER NUT         |



TREAD ADJUST TIE ROD 90" - 102"

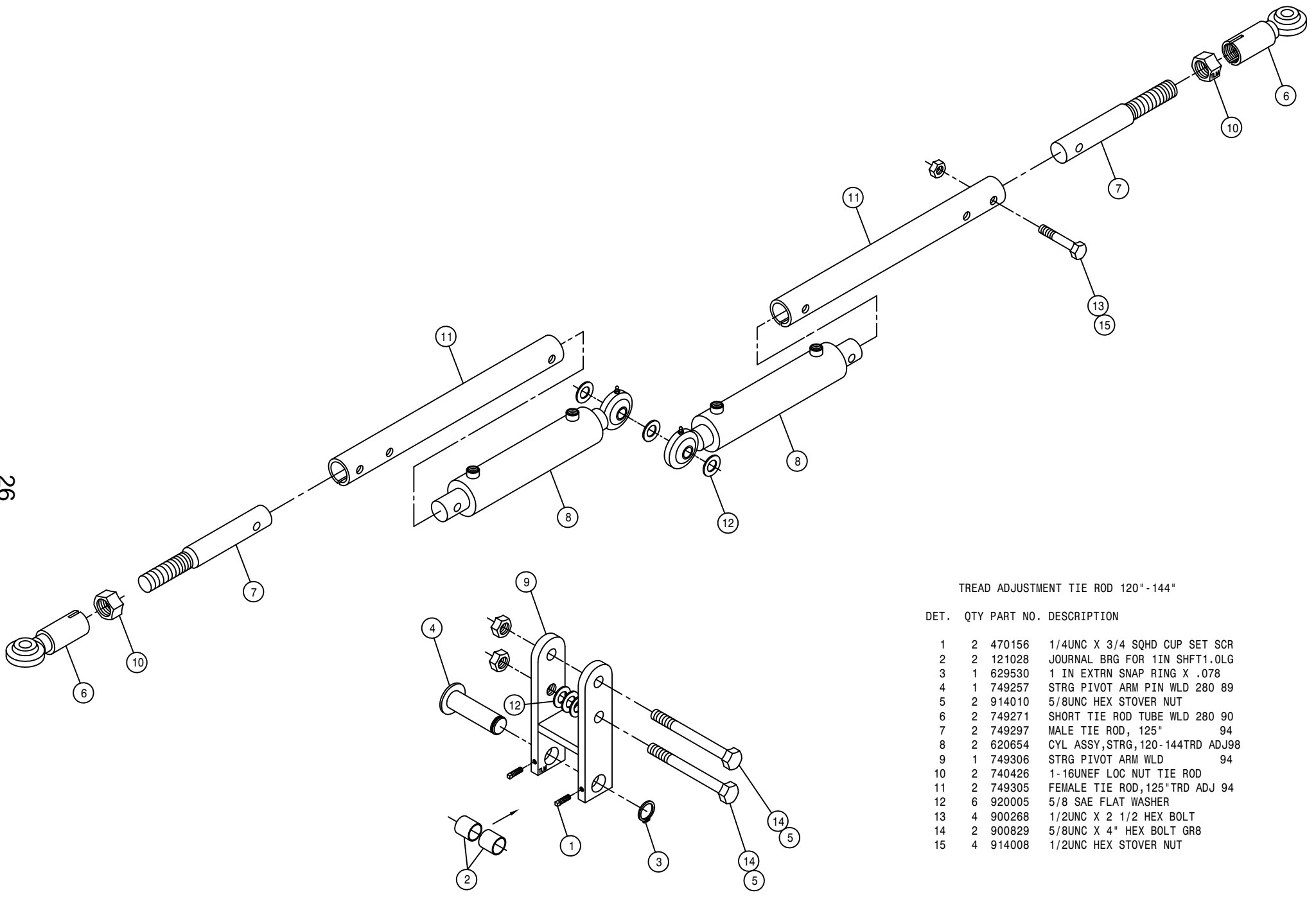
| DET. | QTY | PART NO. | DESCRIPTION                           |
|------|-----|----------|---------------------------------------|
|      | 1   | 2        | 470156 1/4-20 X 3/4 SQHD SET SCR CUP  |
|      | 2   | 2        | 121028 JOURNAL BRG FOR 1IN SHFT1.0LG  |
|      | 3   | 1        | 629530 1 IN 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        | 620123 CYL ASSY,STRG,125" TREAD ADJ94 |
|      | 9   | 1        | 749306 STRG PIVOT ARM WLD             |
|      | 10  | 2        | 740426 1-16 UNEF LOC NUT TIE ROD      |
|      | 11  | 2        | 914010 5/8UNC HEX STOVER NUT          |
|      | 12  | 6        | 920005 5/8 FLAT WASH SAE              |
|      | 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          |





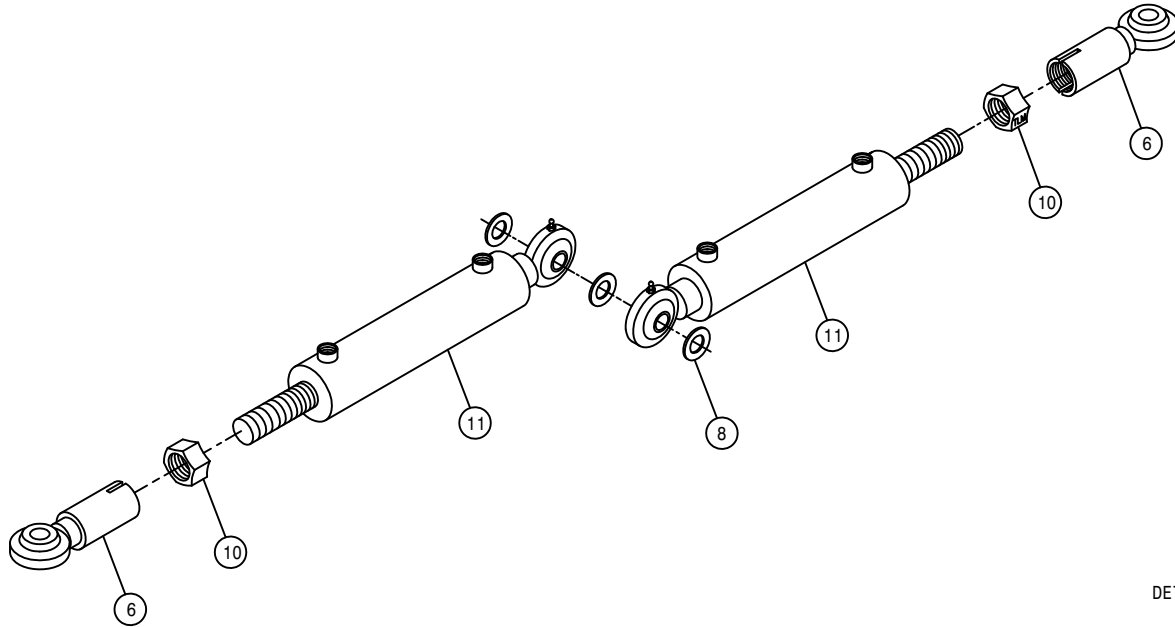
TREAD ADJUST TIE ROD 120"-132"-144"

| DET. | QTY | PART NO. | DESCRIPTION                    |
|------|-----|----------|--------------------------------|
| 1    | 2   | 470156   | 1/4-20 X 3/4 SQHD SET SCR CUP  |
| 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   | 749311   | FEM TIE ROD,144"TRD ADJ 284W   |
| 7    | 2   | 749310   | MALE TIE ROD, 144" 284W 95     |
| 8    | 2   | 620123   | CYL ASSY,STRG,125" TREAD ADJ94 |
| 9    | 1   | 749306   | STRG PIVOT ARM WLD 94          |
| 10   | 2   | 740426   | 1-16 UNEF LOC NUT TIE ROD      |
| 11   | 2   | 914010   | 5/8UNC HEX STOVER NUT          |
| 12   | 6   | 920005   | 5/8 FLAT WASH SAE              |
| 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 ADJUSTMENT TIE ROD 120"-144"

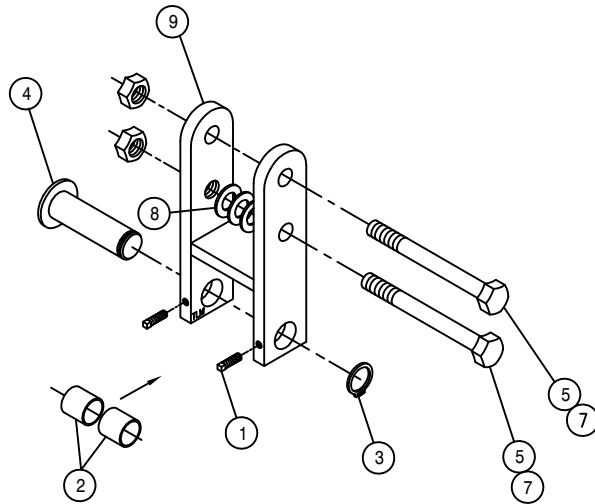
| DET. | QTY | PART NO. | DESCRIPTION                      |
|------|-----|----------|----------------------------------|
| 1    | 2   | 470156   | 1/4UNC X 3/4 SQHD CUP SET SCR    |
| 2    | 2   | 121028   | JOURNAL BRG FOR 1IN SHFT1.OLG    |
| 3    | 1   | 629530   | 1 IN EXTRN SNAP RING X .078      |
| 4    | 1   | 749257   | STRG PIVOT ARM PIN WLD 280 89    |
| 5    | 2   | 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   | 620654   | CYL ASSY, STRG, 120-144TRD ADJ98 |
| 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 78" -90"

DET. QTY PART NO. DESCRIPTION

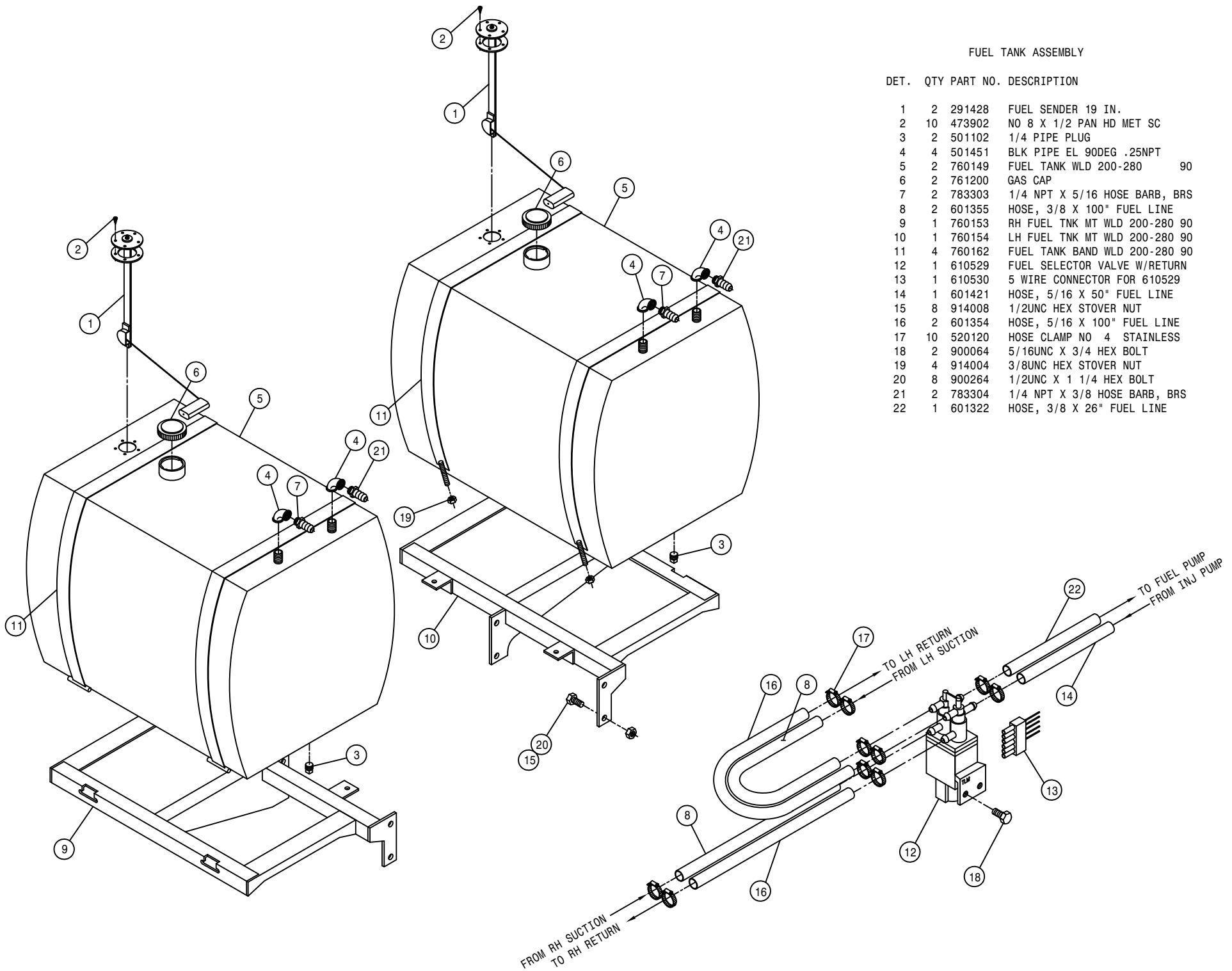
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 2   | 470156   | 1/4-20 X 3/4 SQHD SET SCR CUP |
| 2    | 2   | 121028   | JOURNAL BRG FOR 1IN SHFT1.0LG |
| 3    | 1   | 629530   | 1 IN EXTRN SNAP RING X .078   |
| 4    | 1   | 749257   | STRG PIVOT ARM PIN WLD 280 89 |
| 5    | 2   | 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 FLAT WASH SAE             |
| 9    | 1   | 749306   | STRG PIVOT ARM WLD 94         |
| 10   | 2   | 740426   | 1-16 UNEF LOC NUT TIE ROD     |
| 11   | 2   | 620122   | CYL ASSY,STRG,90"TREAD ADJ 94 |

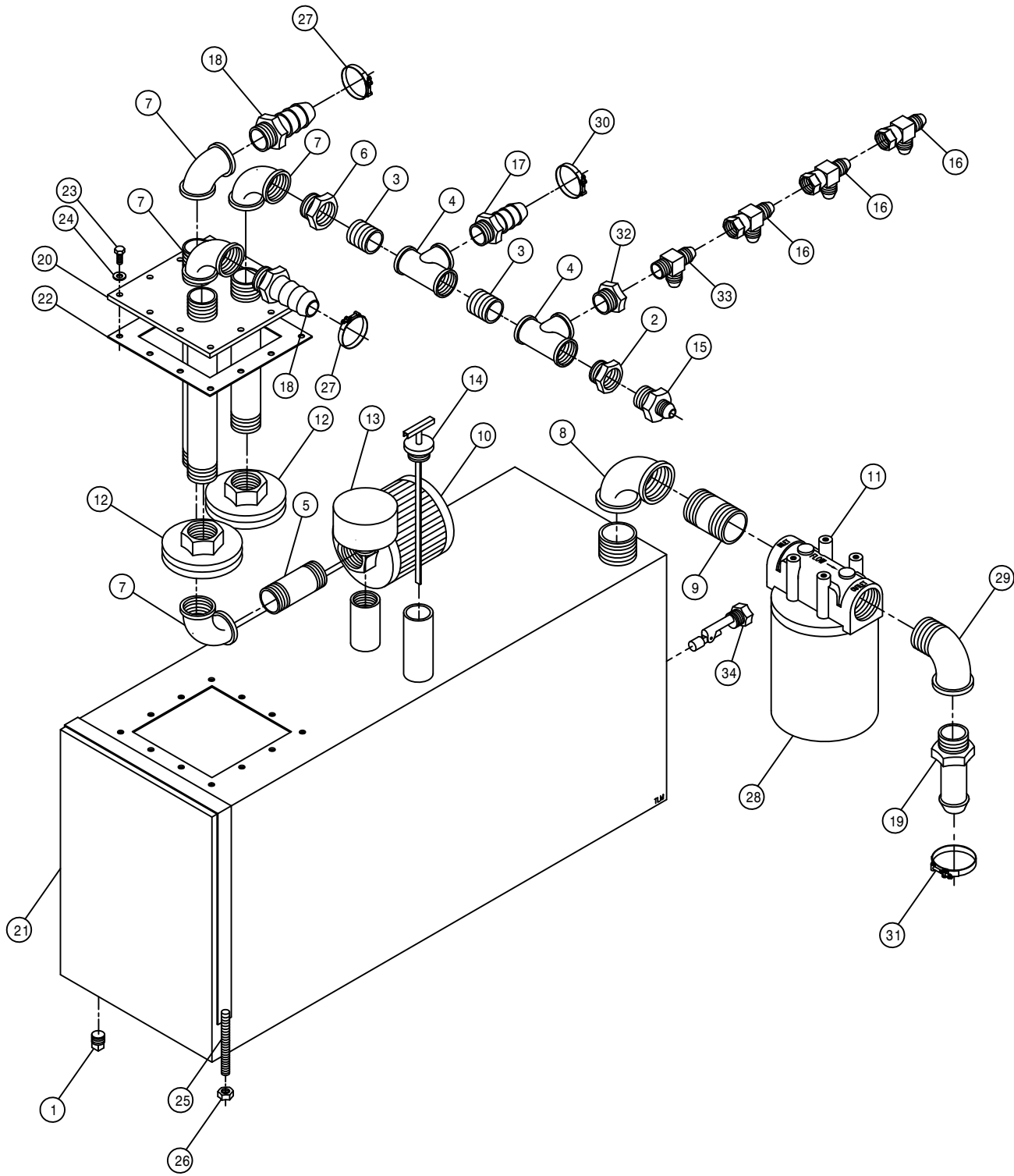


FUEL TANK ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |    |        |                               |
|----|----|--------|-------------------------------|
| 1  | 2  | 291428 | FUEL SENDER 19 IN.            |
| 2  | 10 | 473902 | NO 8 X 1/2 PAN HD MET SC      |
| 3  | 2  | 501102 | 1/4 PIPE PLUG                 |
| 4  | 4  | 501451 | BLK PIPE EL 90DEG .25NPT      |
| 5  | 2  | 760149 | FUEL TANK WLD 200-280 90      |
| 6  | 2  | 761200 | GAS CAP                       |
| 7  | 2  | 783303 | 1/4 NPT X 5/16 HOSE BARB, BRS |
| 8  | 2  | 601355 | HOSE, 3/8 X 100" 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  | 601354 | HOSE, 5/16 X 100" FUEL LINE   |
| 17 | 10 | 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     |





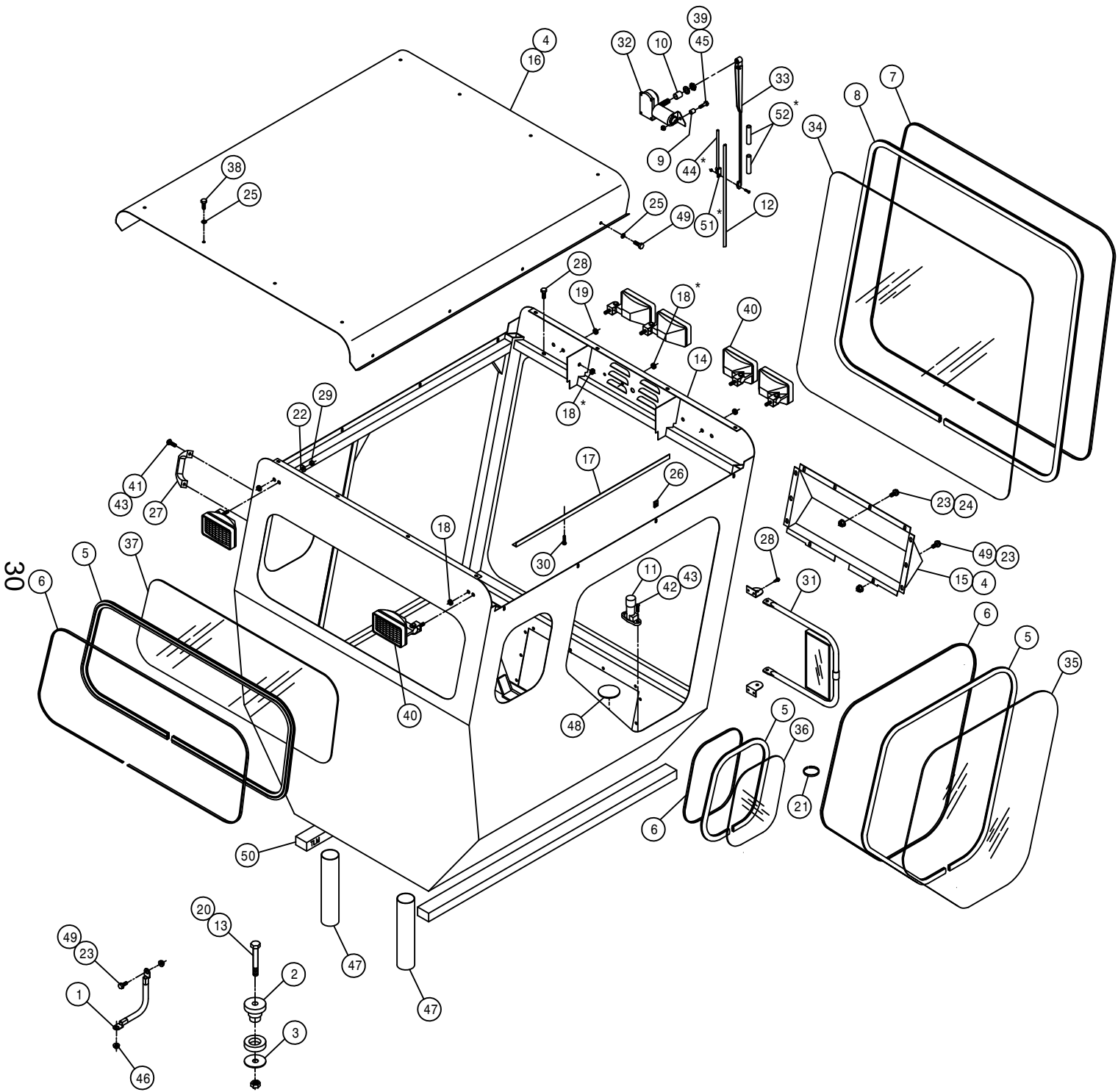
HYDRAULIC TANK ASSEMBLY

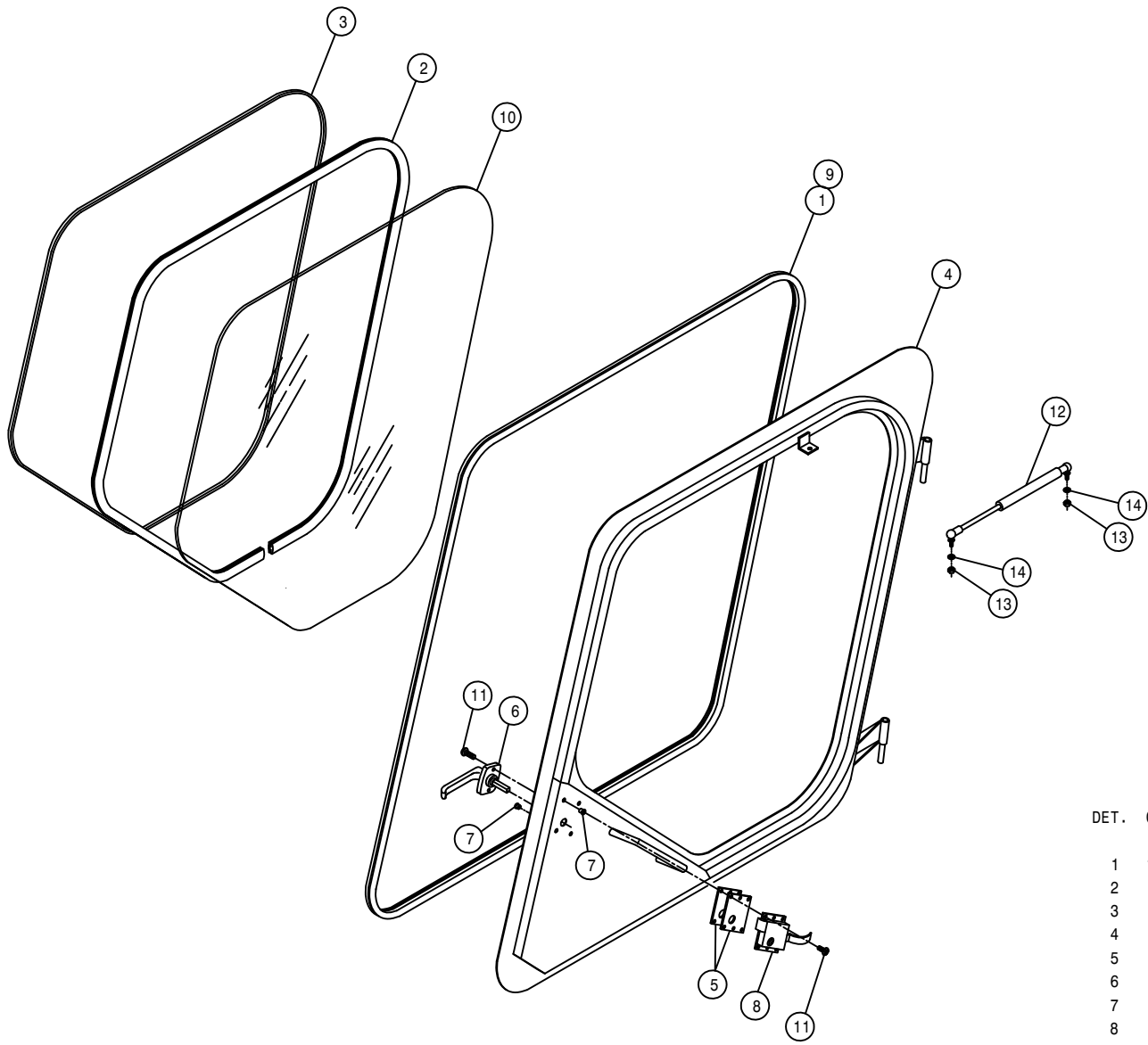
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 1   | 501102   | 1/4 PIPE PLUG                 |
| 2    | 1   | 504210   | RED BUSH 3/4 NPT X 1/2 NPT    |
| 3    | 2   | 504702   | CLOSE NIPPLE .75NPT           |
| 4    | 2   | 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   | 1.00 T-BOLT HOSE CLAMP        |
| 28   | 1   | 605602   | FILT ELEMENT 10MICRON 40GPM   |
| 29   | 1   | 506410   | BLK PIPE ST EL 90DEG 1.25NPT  |
| 30   | 1   | 520137   | .75 T-BOLT HOSE CLAMP         |
| 31   | 1   | 520132   | 1.62/1.87 T-BOLT HOSE CLAMP   |
| 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                    |
|------|-----|----------|--------------------------------|
| 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, 3/4"       |
| 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.

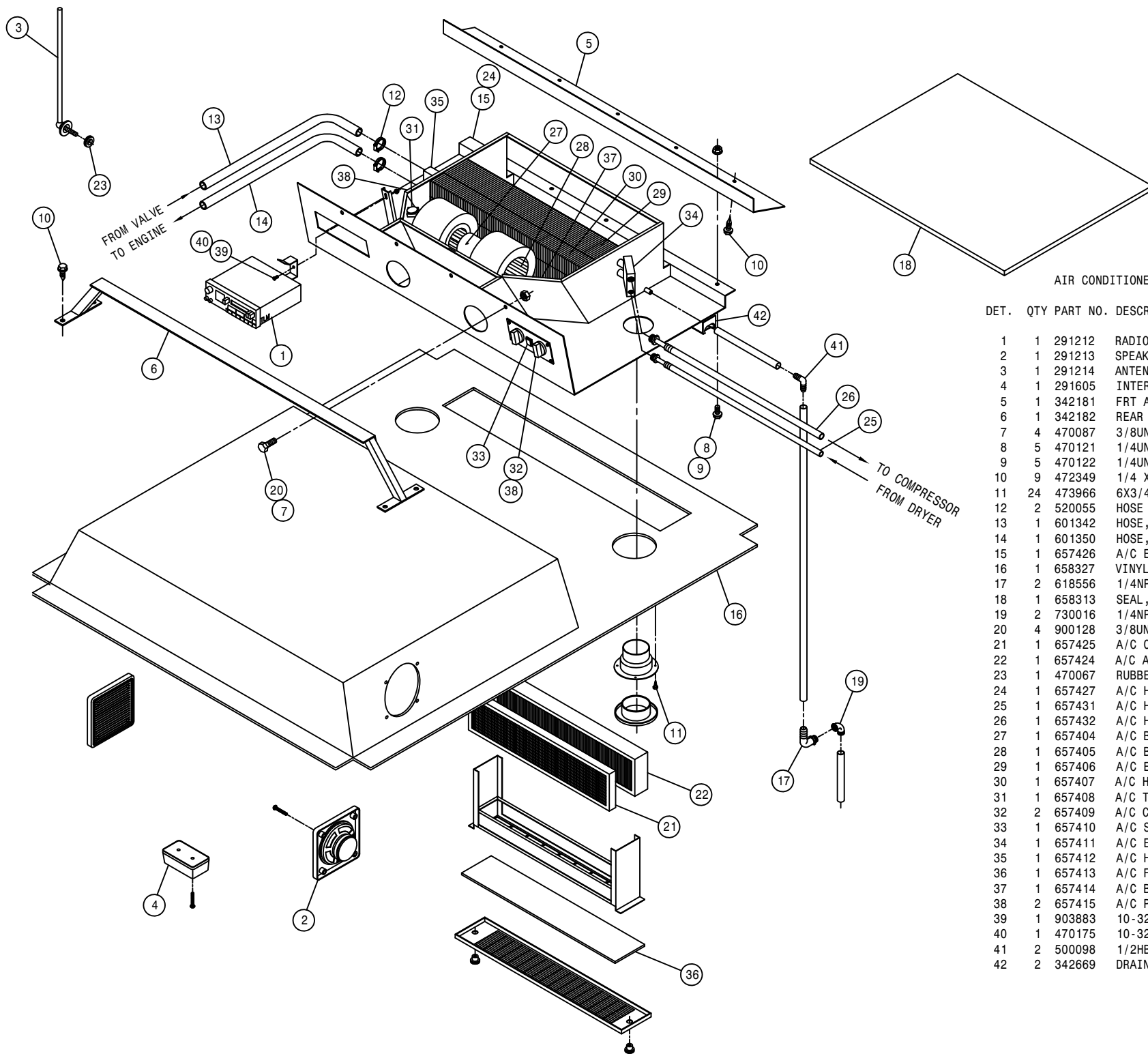




DOOR ASSEMBLY

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 | 10-32X1/2 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              |

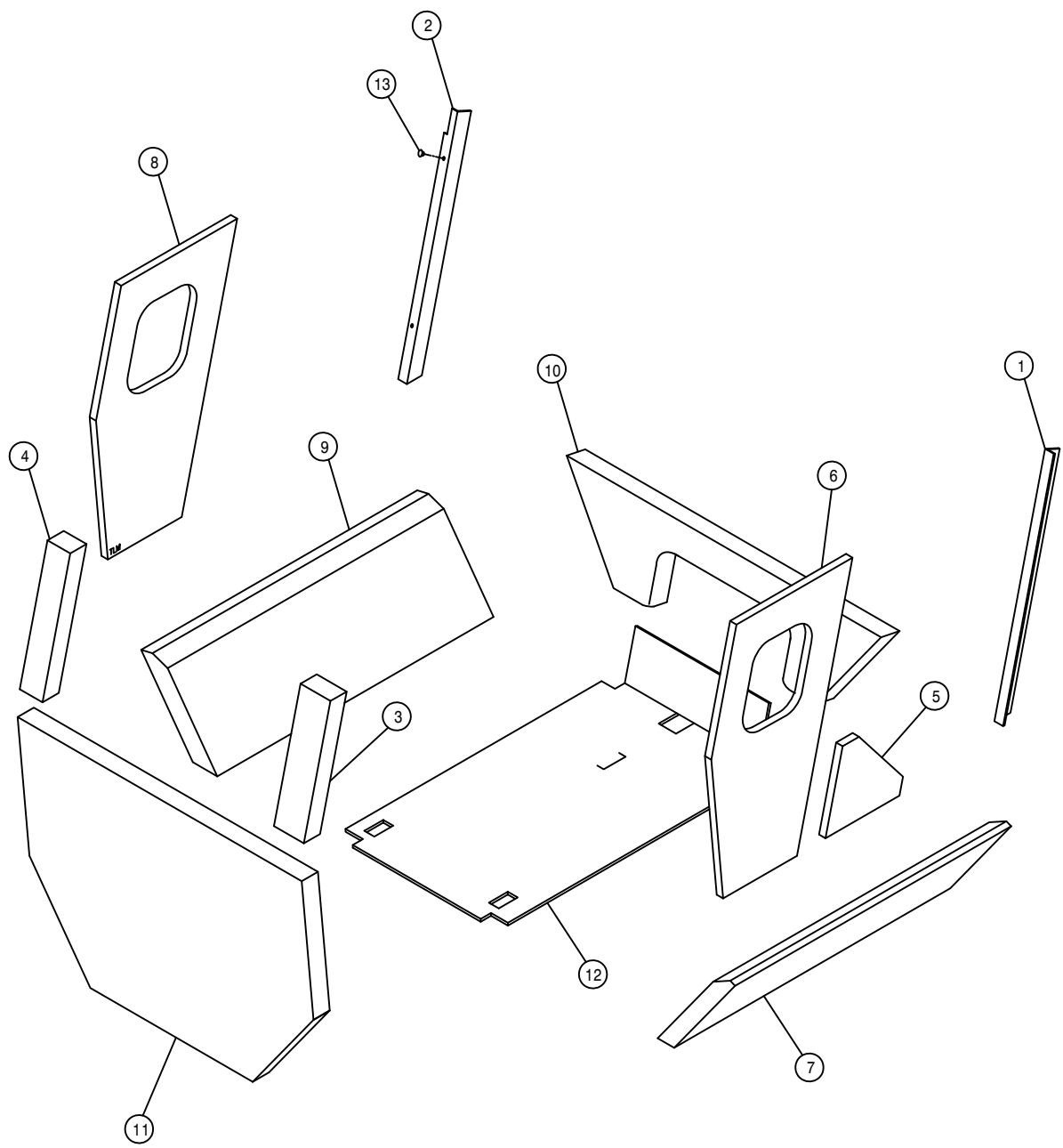


AIR CONDITIONER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |    |        |                                |     |
|----|----|--------|--------------------------------|-----|
| 1  | 1  | 291212 | RADIO                          | 94  |
| 2  | 1  | 291213 | SPEAKERS (PAIR)                | 94  |
| 3  | 1  | 291214 | ANTENNA                        | 94  |
| 4  | 1  | 291605 | INTERIOR LIGHT W/SWITCH        |     |
| 5  | 1  | 342181 | FRT A/C BLOWER MT ANG, CAB     | 94  |
| 6  | 1  | 342182 | REAR A/C BLOWER MT WLD, CAB    | 94  |
| 7  | 4  | 470087 | 3/8UNC HEX FLANGE LOCK NUT     |     |
| 8  | 5  | 470121 | 1/4UNC HEX FLANGE LOCK NUT     |     |
| 9  | 5  | 470122 | 1/4UNC X 1/2 FLANGE HEX BOLT   |     |
| 10 | 9  | 472349 | 1/4 X 3/4 20THD-IN TEK TYPE    |     |
| 11 | 24 | 473966 | 6X3/4 PHIL FLT HD SHT MTL SCR  |     |
| 12 | 2  | 520055 | HOSE CLAMP NO 12 STAINLESS     |     |
| 13 | 1  | 601342 | HOSE, 5/8 X 192 HEATER         |     |
| 14 | 1  | 601350 | HOSE, 5/8 X 160 HEATER         |     |
| 15 | 1  | 657426 | A/C EVAPORATOR/HEATER, 284 MCC |     |
| 16 | 1  | 658327 | VINYL HEAD LINER               | 99  |
| 17 | 2  | 618556 | 1/4NPT-90-1/2 HOSE BARB, POLY  |     |
| 18 | 1  | 658313 | SEAL, AIR CONDITIONER          | 94  |
| 19 | 2  | 730016 | 1/4NPT ST EL, 90 DEG POLY      |     |
| 20 | 4  | 900128 | 3/8UNC X 3/4 HEX BOLT          |     |
| 21 | 1  | 657425 | A/C CHARCOAL AIR FILTER        | MCC |
| 22 | 1  | 657424 | A/C AIR FILTER                 | MCC |
| 23 | 1  | 470067 | RUBBER GROMMET 1/4 ID          |     |
| 24 | 1  | 657427 | A/C HOSE KIT, EVAP 284, 99     | MCC |
| 25 | 1  | 657431 | A/C HOSE ASSY, 5/16 X 173      | MCC |
| 26 | 1  | 657432 | A/C HOSE ASSY, 1/2 X 190.      | MCC |
| 27 | 1  | 657404 | A/C BLOWER MOTOR, 12V          | MCC |
| 28 | 1  | 657405 | A/C BLOWER WHEEL W/CLIP        | MCC |
| 29 | 1  | 657406 | A/C EVAPORATOR COIL            | MCC |
| 30 | 1  | 657407 | A/C HEATER COIL                | MCC |
| 31 | 1  | 657408 | A/C THERMOSTAT                 | MCC |
| 32 | 2  | 657409 | A/C CONTROL KNOB               | MCC |
| 33 | 1  | 657410 | A/C SWITCH, PUSH ON-OFF        | MCC |
| 34 | 1  | 657411 | A/C EXPANSION VALVE            | MCC |
| 35 | 1  | 657412 | A/C HEATER VALVE, MOTORIZED    | MCC |
| 36 | 1  | 657413 | A/C FILTER, RECIRCULATION      | MCC |
| 37 | 1  | 657414 | A/C BLOWER DRIVE ASSY          | MCC |
| 38 | 2  | 657415 | A/C POTENTIOMETER ASSY         | MCC |
| 39 | 1  | 903883 | 10-32 X 1/2 SLT RDHD MACH SCR  |     |
| 40 | 1  | 470175 | 10-32 HEX FLANGE LOCK NUT      |     |
| 41 | 2  | 500098 | 1/2HB-90-1/2 HOSE BARB, POLY   |     |
| 42 | 2  | 342669 | DRAIN HOSE KEEPER              |     |





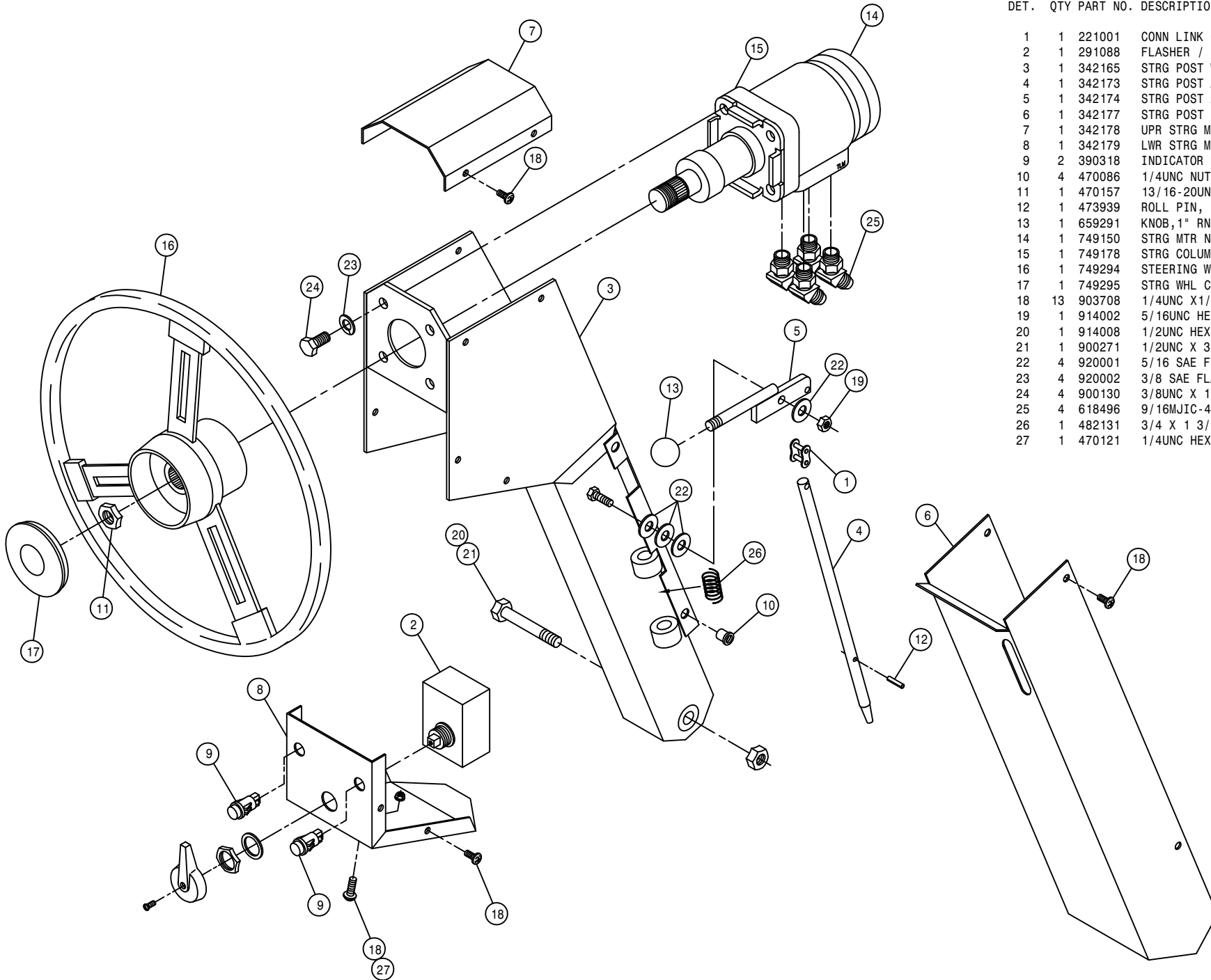
CAB FOAM

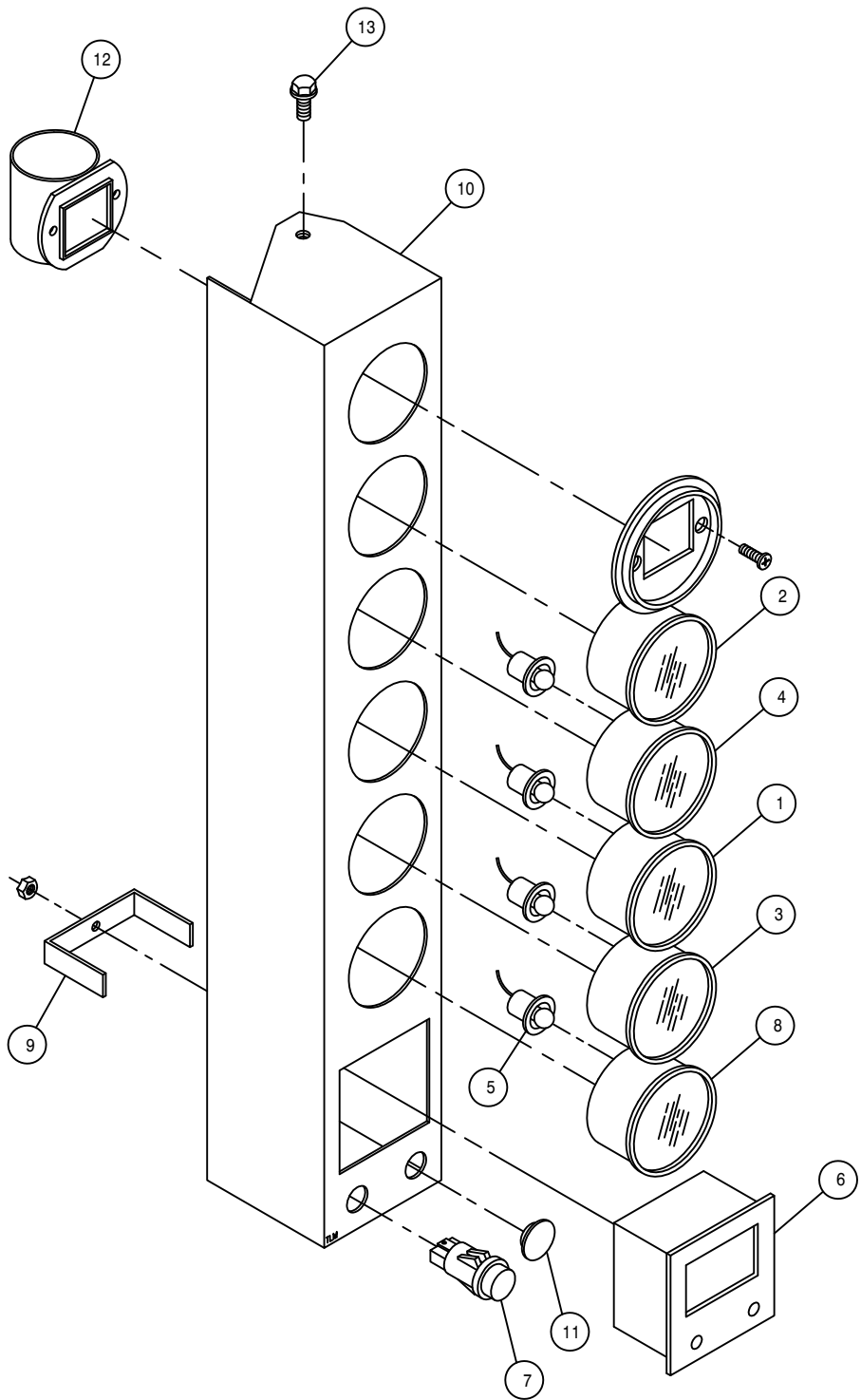
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 1   | 658301   | VINYL POST COVER, RH FRONT 94 |
| 2    | 1   | 658302   | VINYL POST COVER, LH FRONT 94 |
| 3    | 1   | 658303   | VINYL POST COVER, RH REAR 94  |
| 4    | 1   | 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   | 2   | 470225   | TRIM CLIP, 11/16 BLK NYL HEAD |

STEERING POST ASSEMBLY

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 X 1/2 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 COMPRN SPRING      |
| 27 | 1  | 470121 | 1/4UNC HEX FLANGE LOCK NUT     |

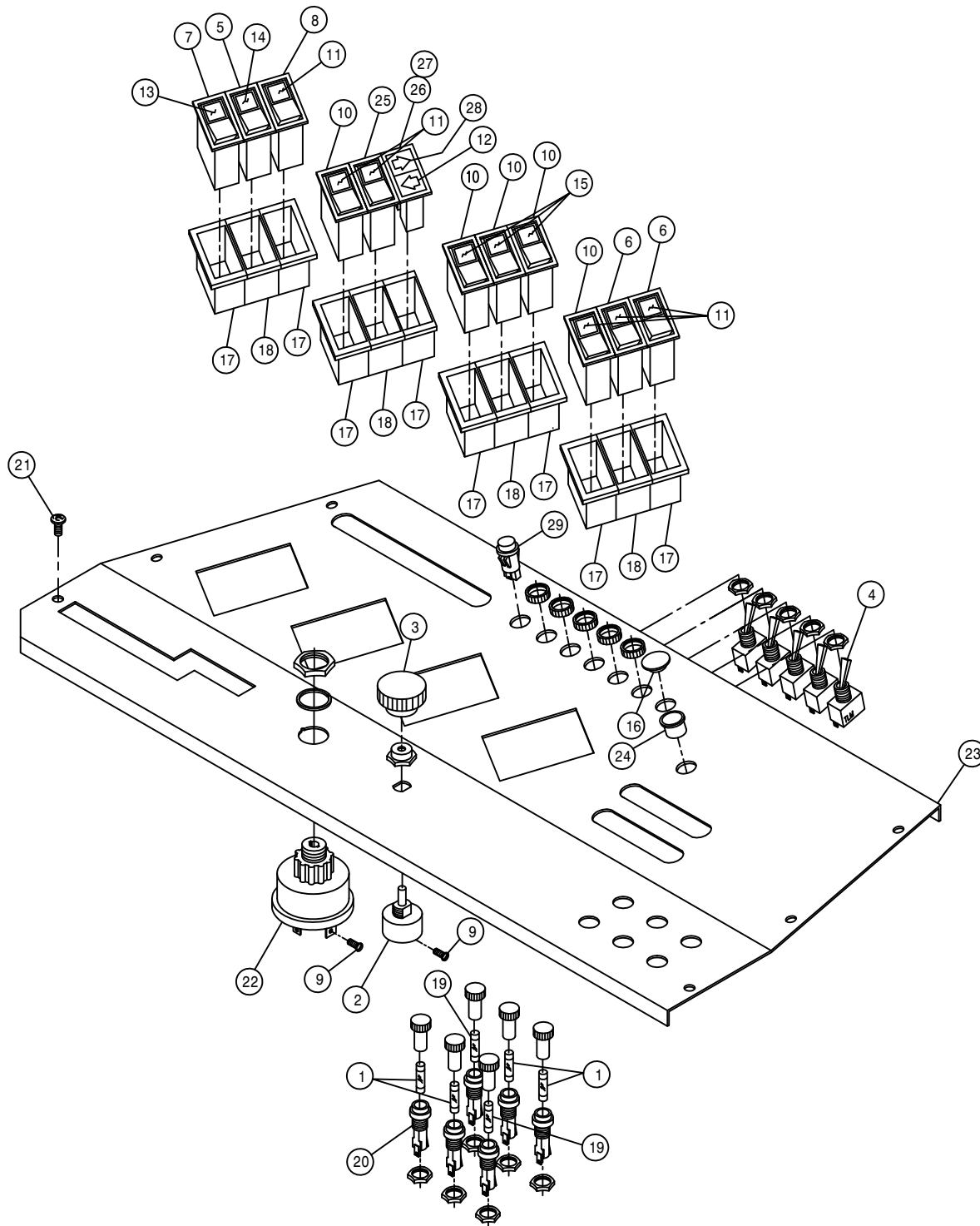




INSTRUMENT PANEL ASSEMBLY

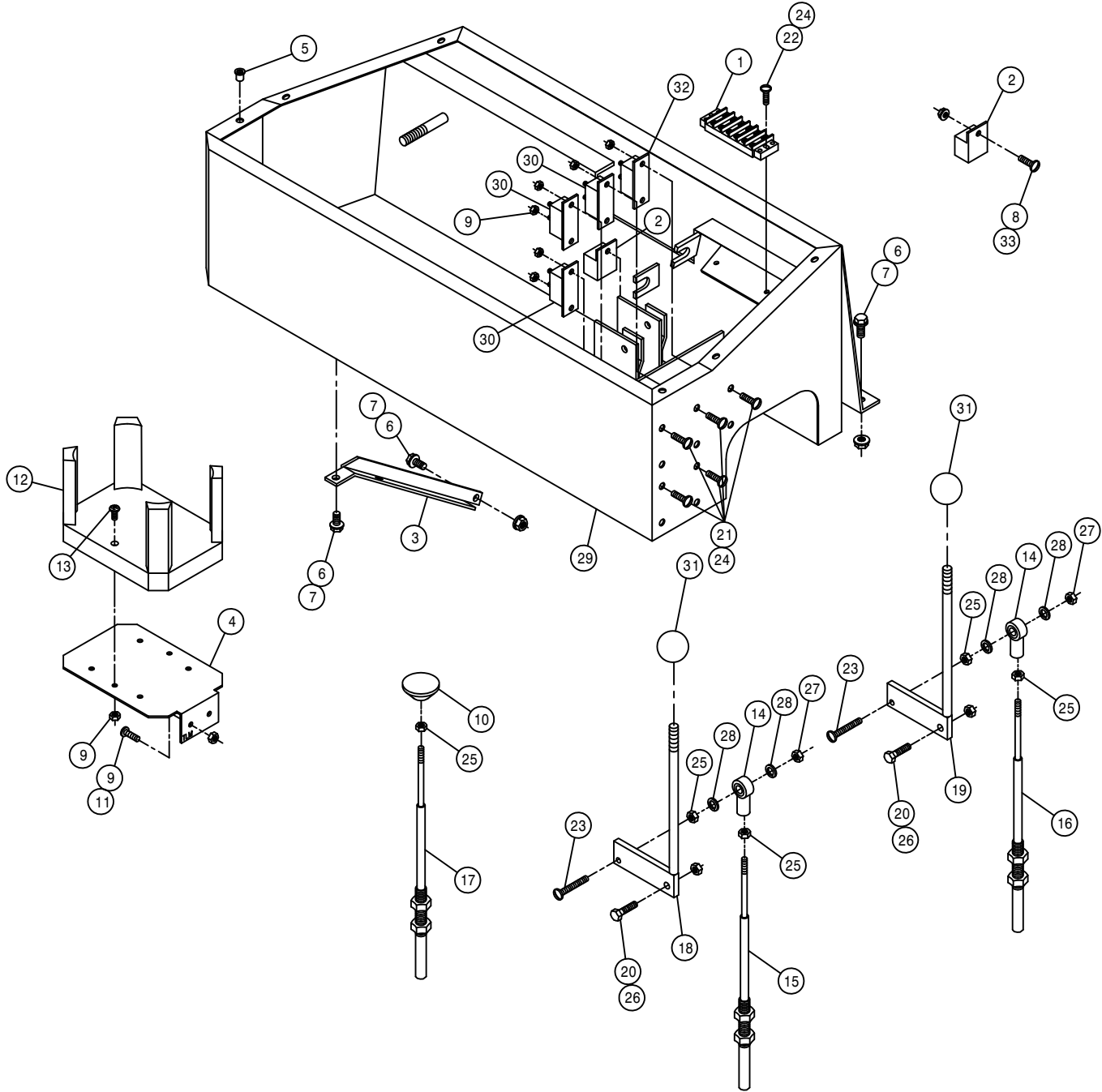
DET. QTY PART NO. DESCRIPTION

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



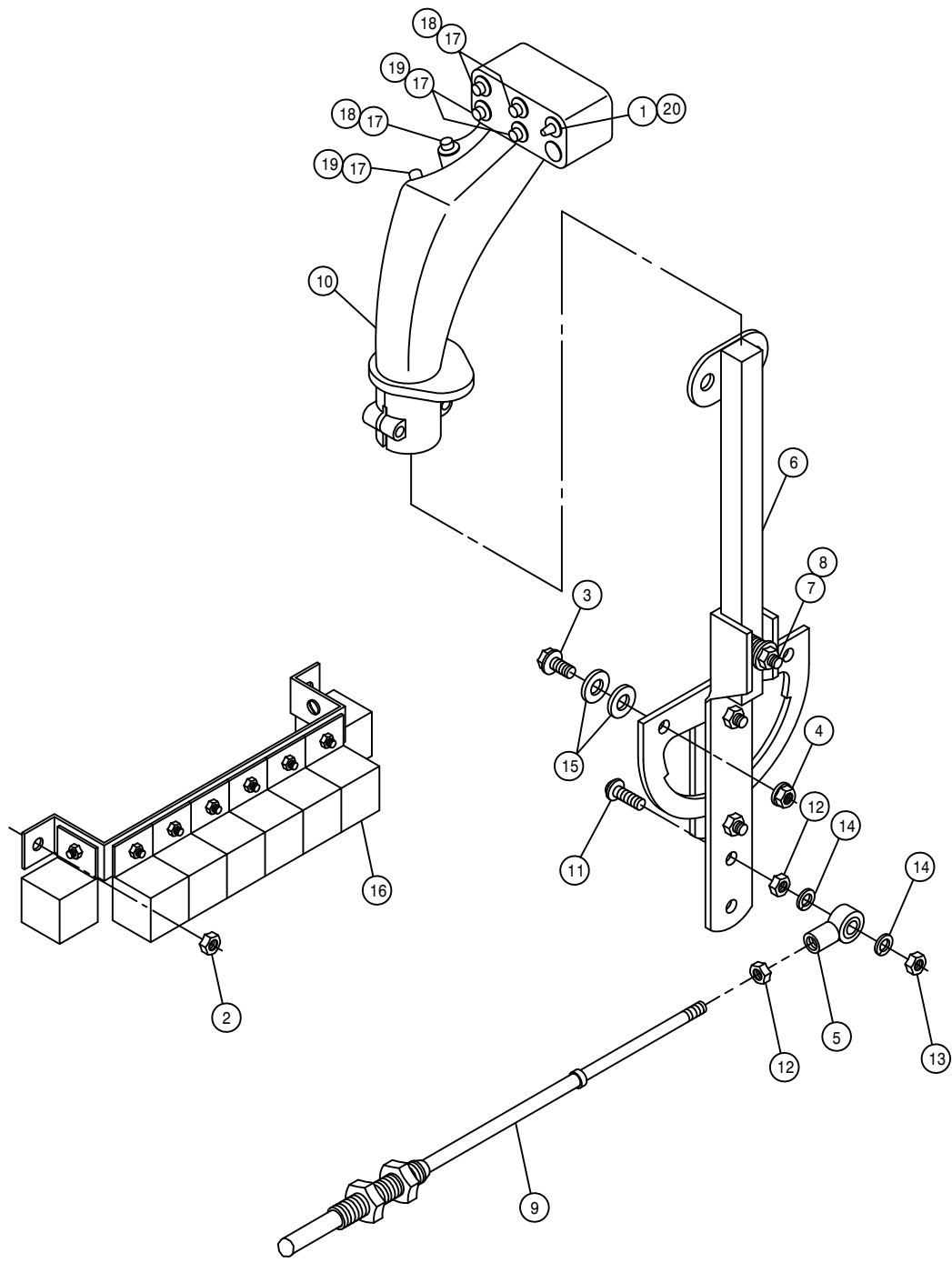
CONSOLE PANEL ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                             |
|------|-----|----------|---|
|      | 1   | 4        | 291602 FUSE 10 AMP                      |
|      | 2   | 1        | 291606 ROTARY HEADLAMP SWITCH           |
|      | 3   | 1        | 291607 SWITCH KNOB FOR 291606           |
|      | 4   | 5        | 291608 TOGGLE SWITCH, ON-OFF, UNLIT     |
|      | 5   | 1        | 291622 SWITCH, 1P ON/OFF 511-003        |
|      | 6   | 2        | 291623 SWITCH, 2P ON/OFF 511-015        |
|      | 7   | 1        | 291678 SWITCH, 511-115                  |
|      | 8   | 1        | 291625 SWITCH, 2P ON/OFF 511-108        |
|      | 9   | 2        | 903844 8-32 X 1/2 SLT RD HD MACH SCR    |
|      | 10  | 5        | 291627 SWITCH, 2P(ON)OFF(OFF) 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        | 321020 IGN SWITCH, SEALED 5 POLE        |
|      | 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   | 2   | 903710   | 10-32X5/8 PHIL PANHD MACH SCR    |
| 12   | 1   | 470214   | SPILLMASTER DRINK HOLDER         |
| 13   | 2   | 903710   | 10-32X5/8 PHIL PANHD MACH SCR    |
| 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 |
| 33   | 1   | 910024   | 8-32 HEX NUT                     |

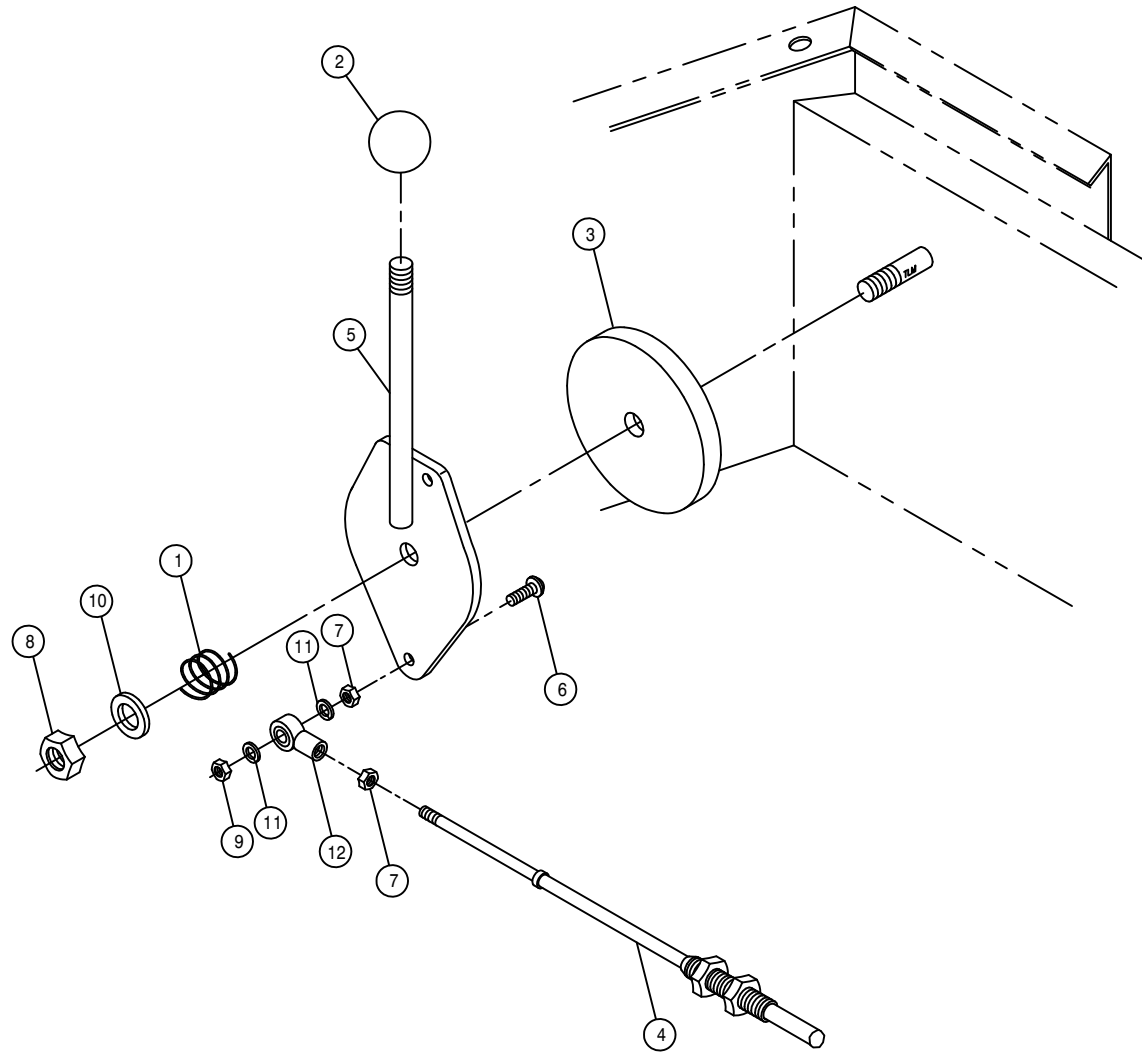


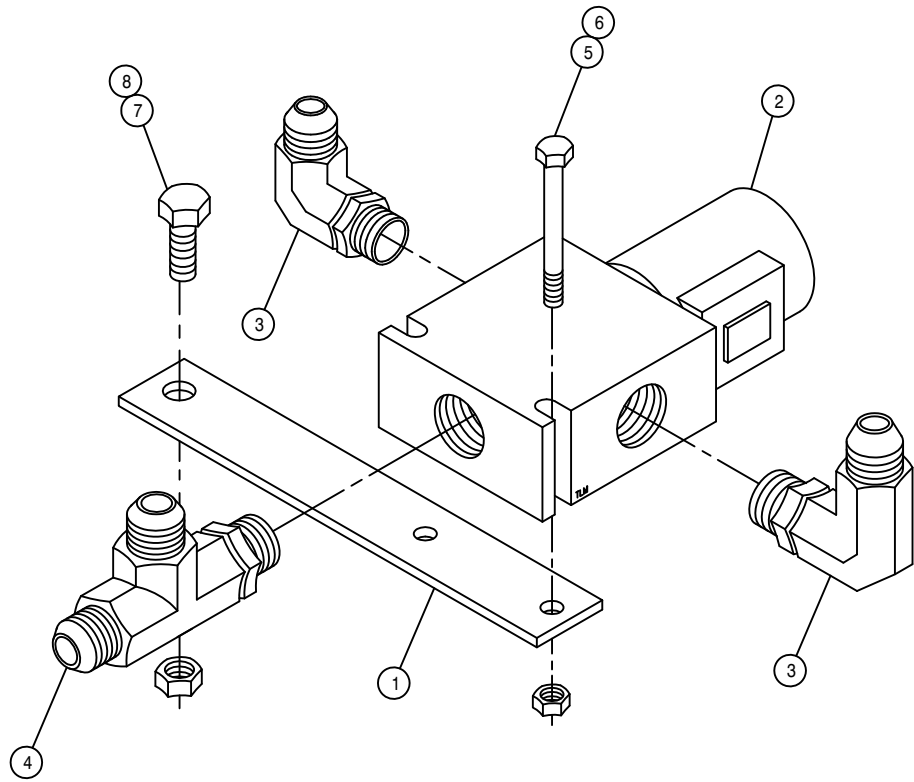
HYDROSTATIC LEVER ASSEMBLY

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

THROTTLE LEVER ASSEMBLY

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



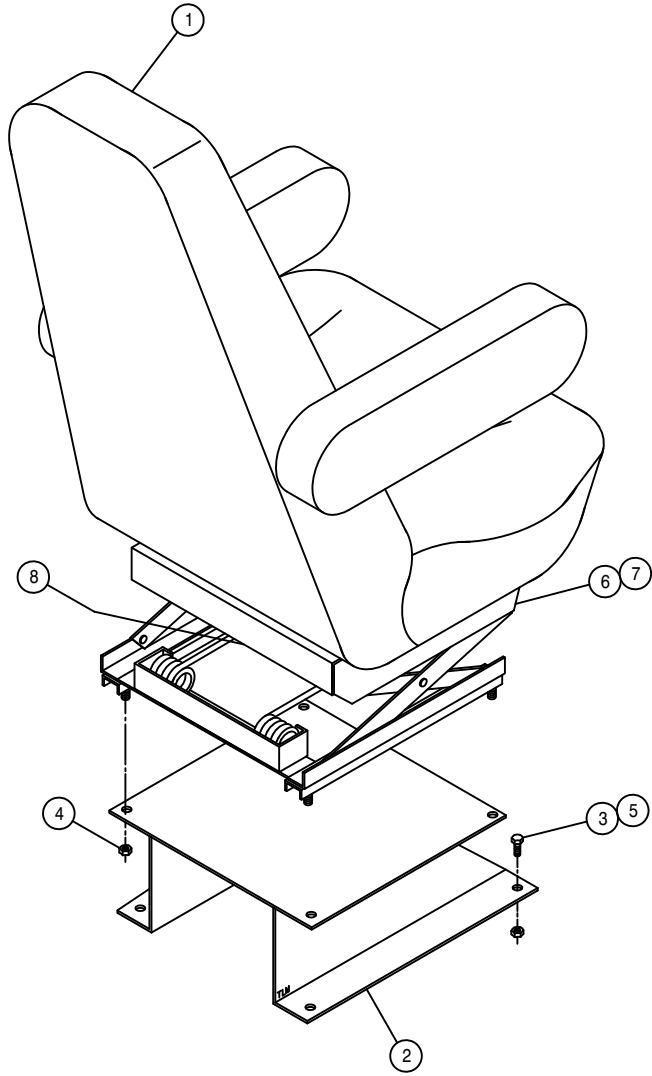


BRAKE SOLENOID ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|   |   |        |                                   |    |
|---|---|--------|-----------------------------------|----|
| 1 | 1 | 342332 | PARK BRAKE SOL VLV MT             | 97 |
| 2 | 1 | 610318 | HYD SOLE VLV, 2P-3W, 9/16FOR, 12V |    |
| 3 | 2 | 618119 | 9/16MJIC-90-9/16MOR LBO           |    |
| 4 | 1 | 618444 | 9/16MOR RUN TEE-9/16MJIC          |    |
| 5 | 2 | 900006 | 1/4UNC X 1 3/4 HEX BOLT           |    |
| 6 | 2 | 914000 | 1/4UNC HEX STOVER NUT             |    |
| 7 | 1 | 900129 | 3/8UNC X 1" HEX BOLT              |    |
| 8 | 1 | 914004 | 3/8UNC HEX STOVER NUT             |    |



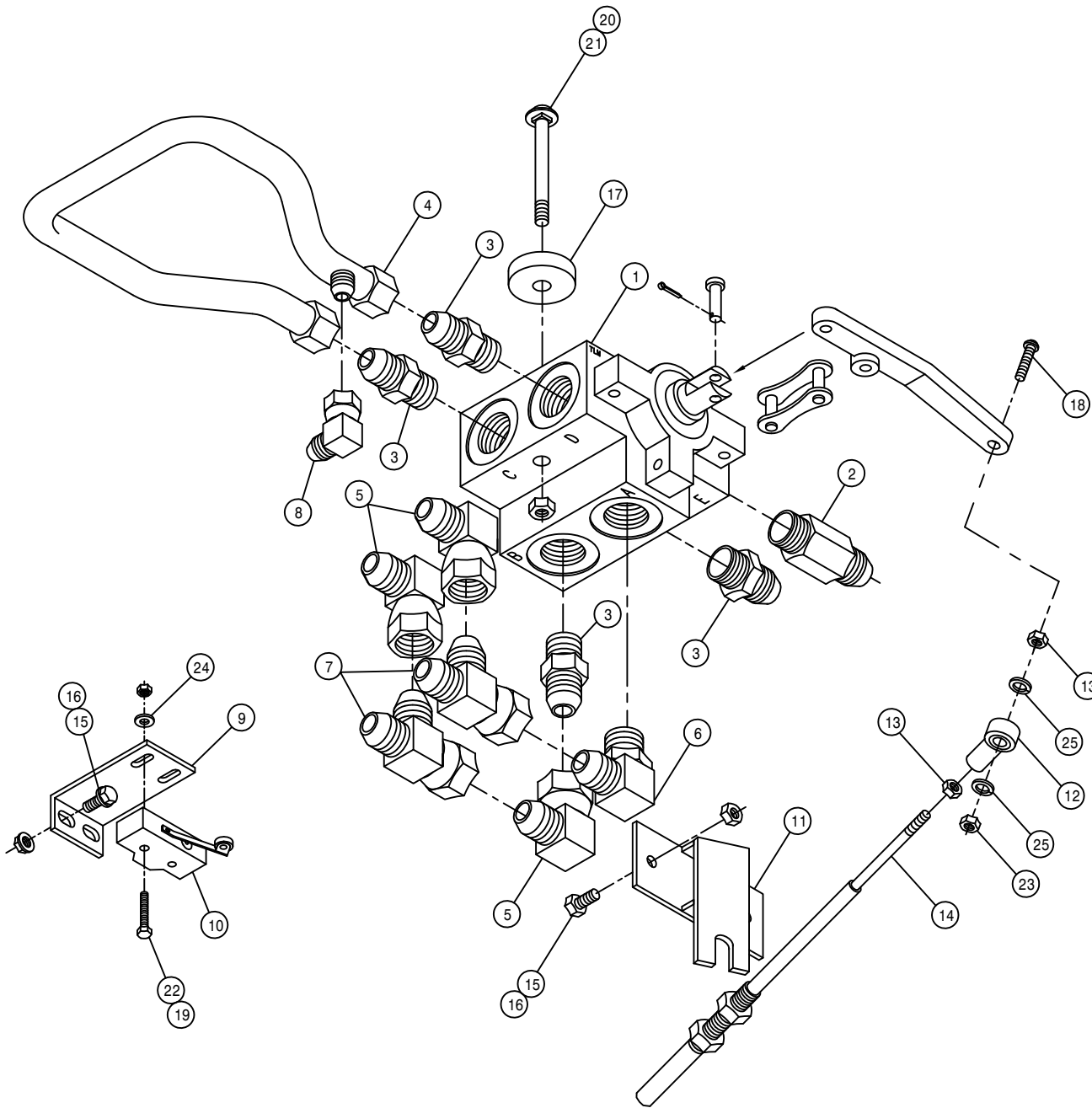


SEAT ASSEMBLY

DET. QTY PART NO. DESCRIPTION

| 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       |

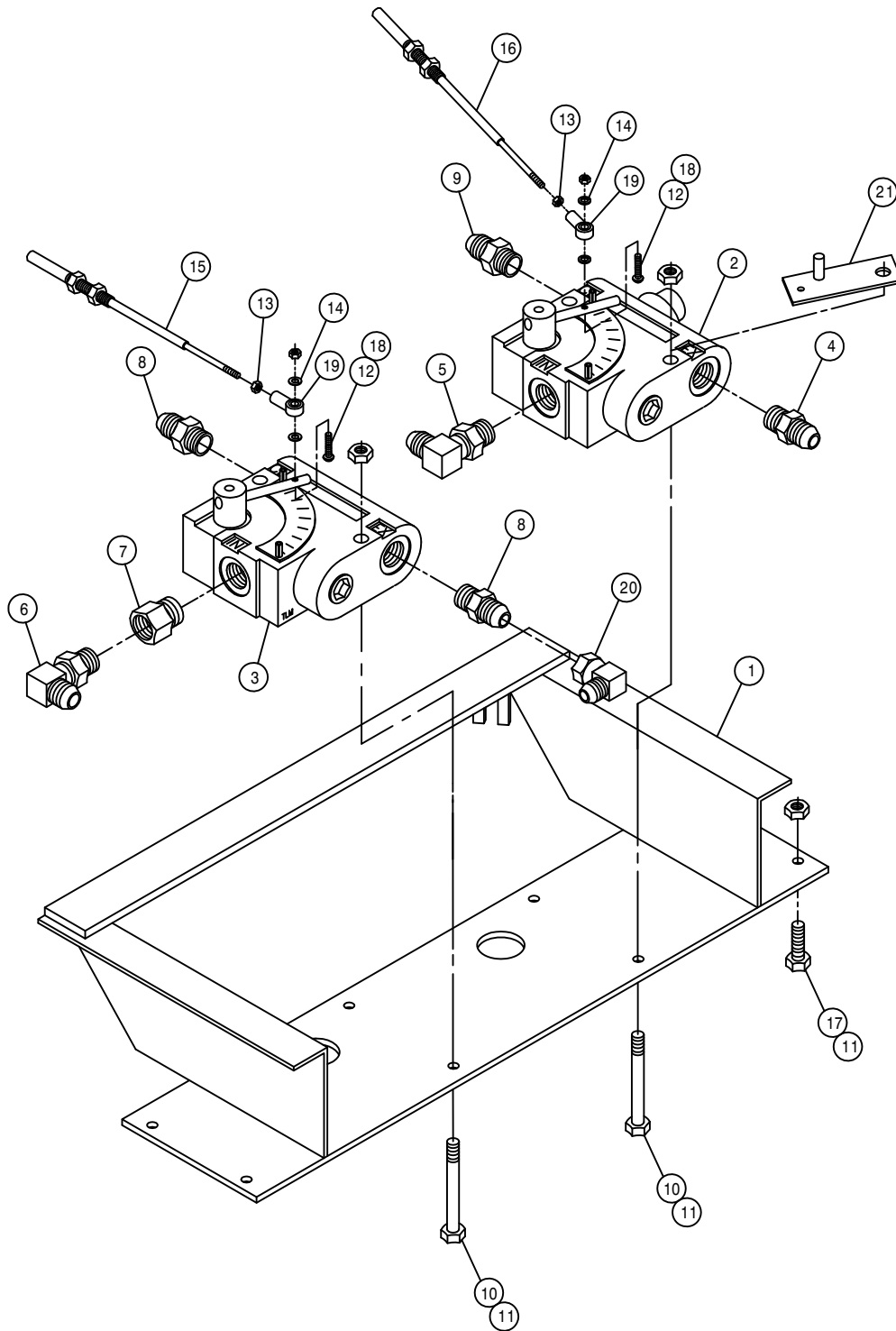




FOUR-WHEEL DRIVE SELECTOR VALVE ASSEMBLY

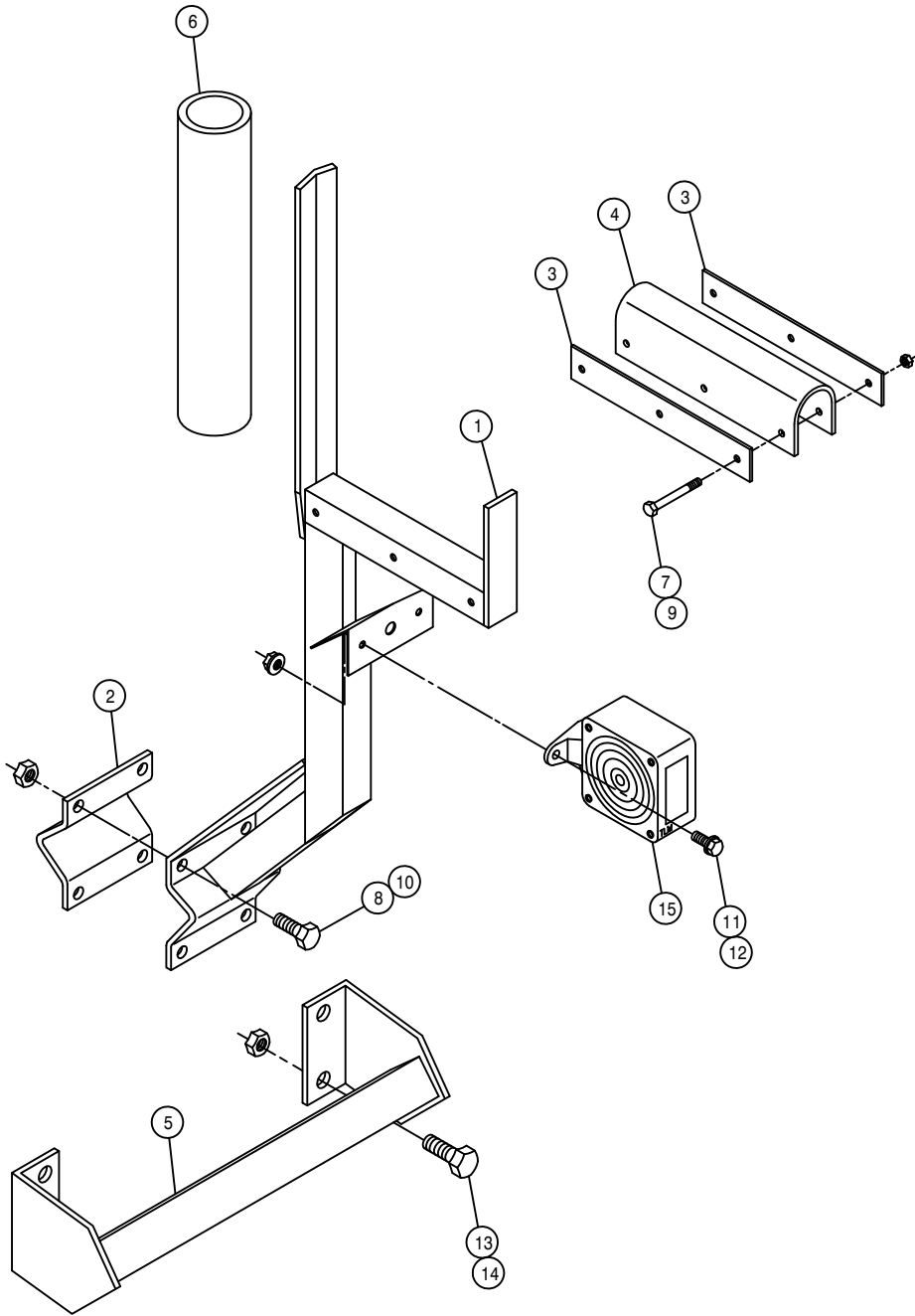
DET. QTY PART NO. DESCRIPTION

|    |   |        |                               |
|----|---|--------|-------------------------------|
| 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

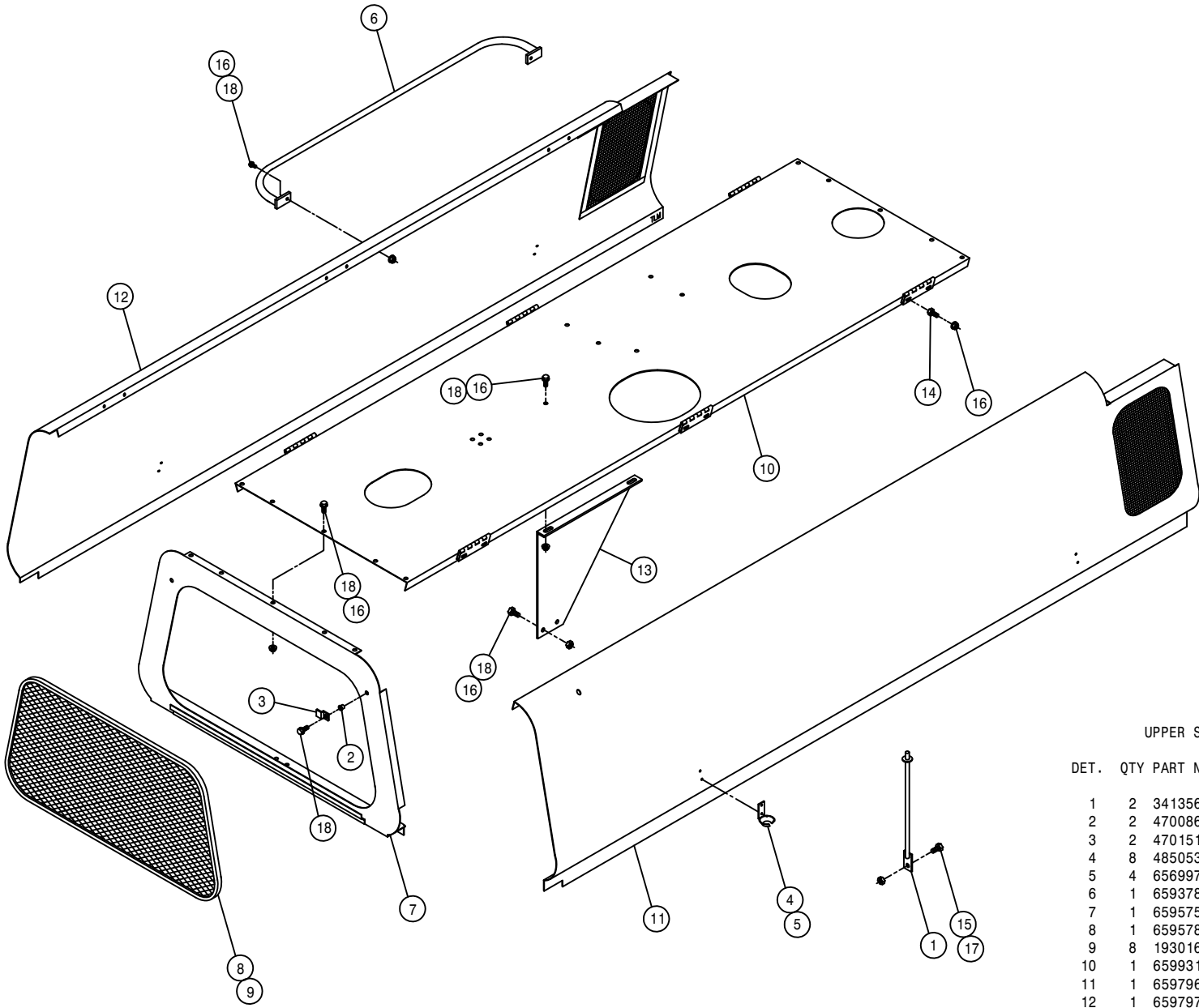
| DET. | QTY | PART NO. | DESCRIPTION                   |    |
|------|-----|----------|-------------------------------|----|
|      | 1   | 342209   | SOLU VFC MT WLD               | 94 |
|      | 2   | 606818   | FLO CONT FCR51 0-16GPM 7/8FOR |    |
|      | 3   | 606827   | FLO CONT FC51 0-3 VARI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



BOOM CRADLE ASSEMBLY

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

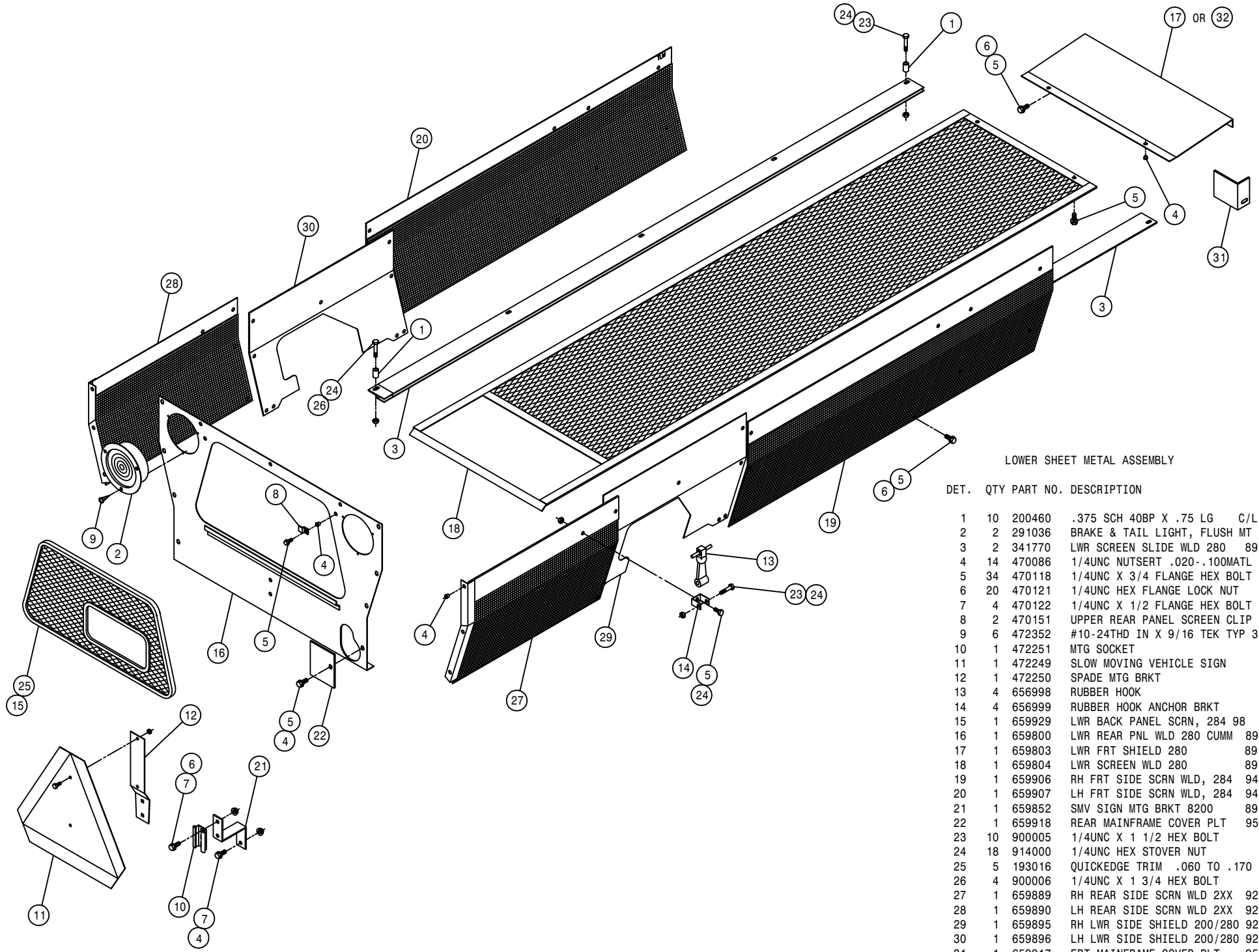
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



UPPER SHEET METAL ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |    |        |                               |    |
|----|----|--------|-------------------------------|----|
| 1  | 2  | 341356 | ENGINE HOOD PROP WLD 8240     | 82 |
| 2  | 2  | 470086 | 1/4UNC NUTSERT .020-.100MATL  |    |
| 3  | 2  | 470151 | UPPER REAR PANEL SCREEN CLIP  |    |
| 4  | 8  | 485053 | POP RIVET 3/16 X 3/8          |    |
| 5  | 4  | 656997 | RUBBER HOOK BRKT 473          |    |
| 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  |    |



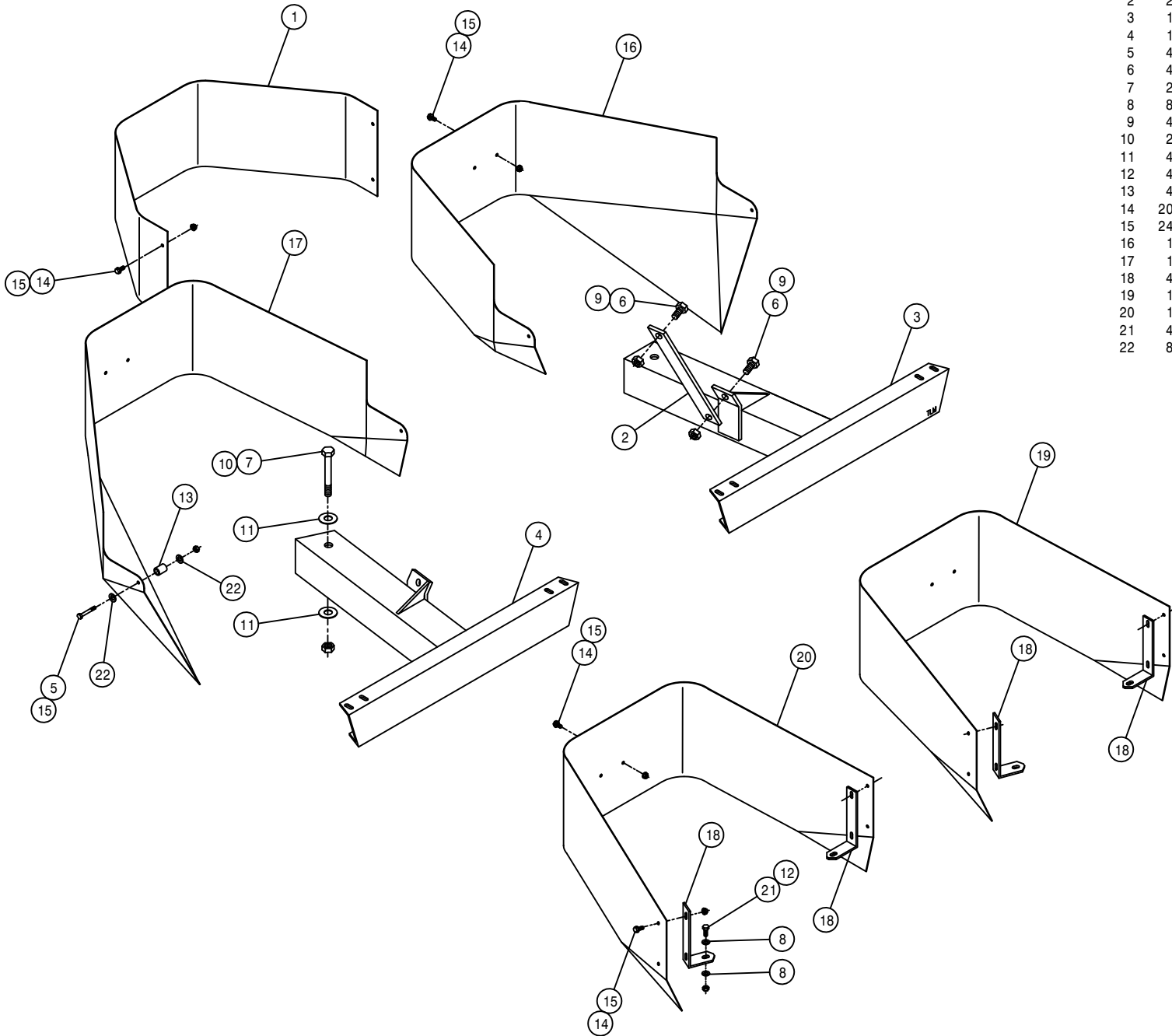
LOWER SHEET METAL ASSEMBLY

| 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 SCRNL, 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 SCRNL WLD, 284 94 |
| 20   | 1   | 659907   | LH FRT SIDE SCRNL 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 SCRNL WLD 2XX 92 |
| 28   | 1   | 659890   | LH REAR SIDE SCRNL 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  |

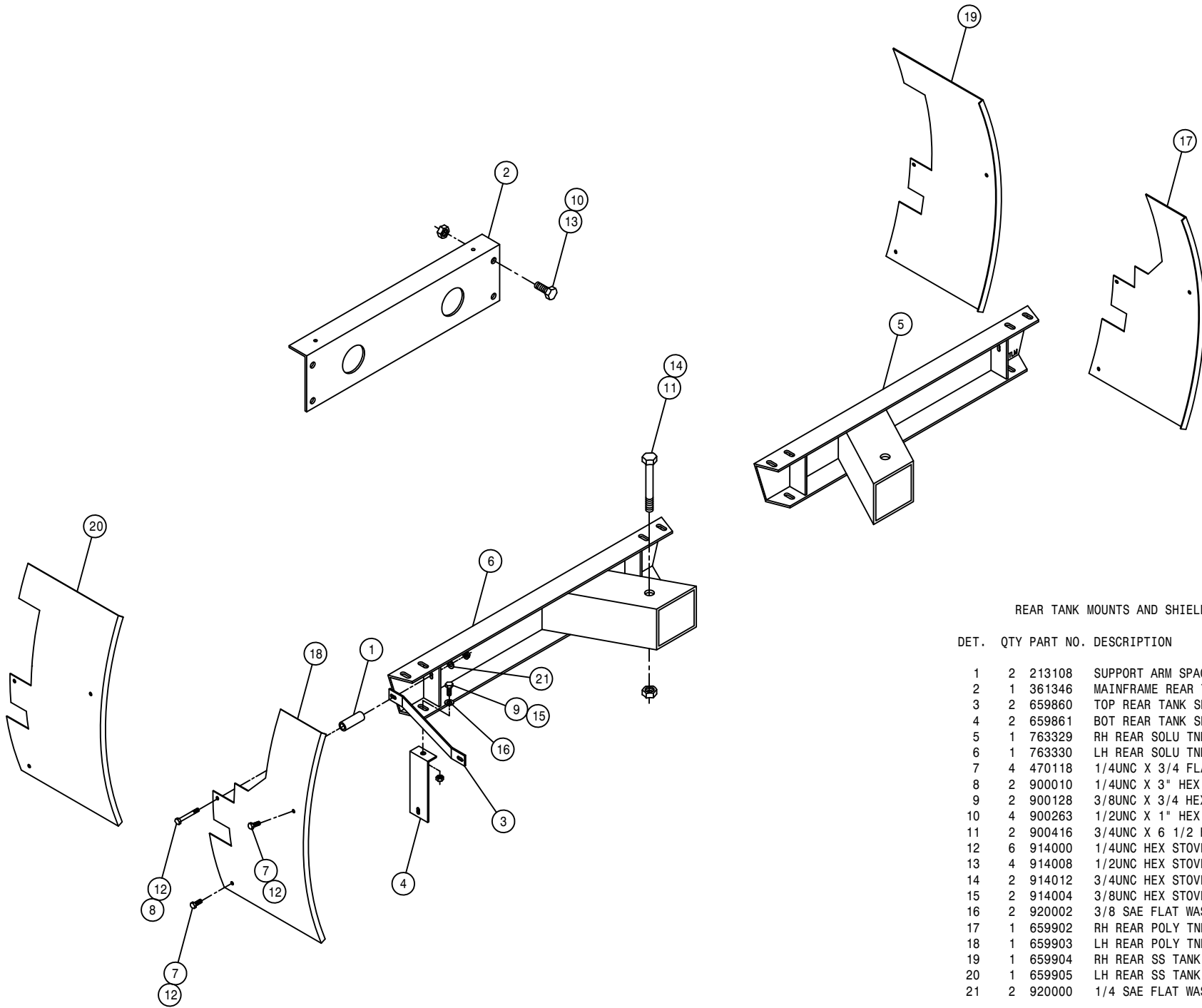
FRONT TANK MOUNTS AND SHIELDS

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           |    |

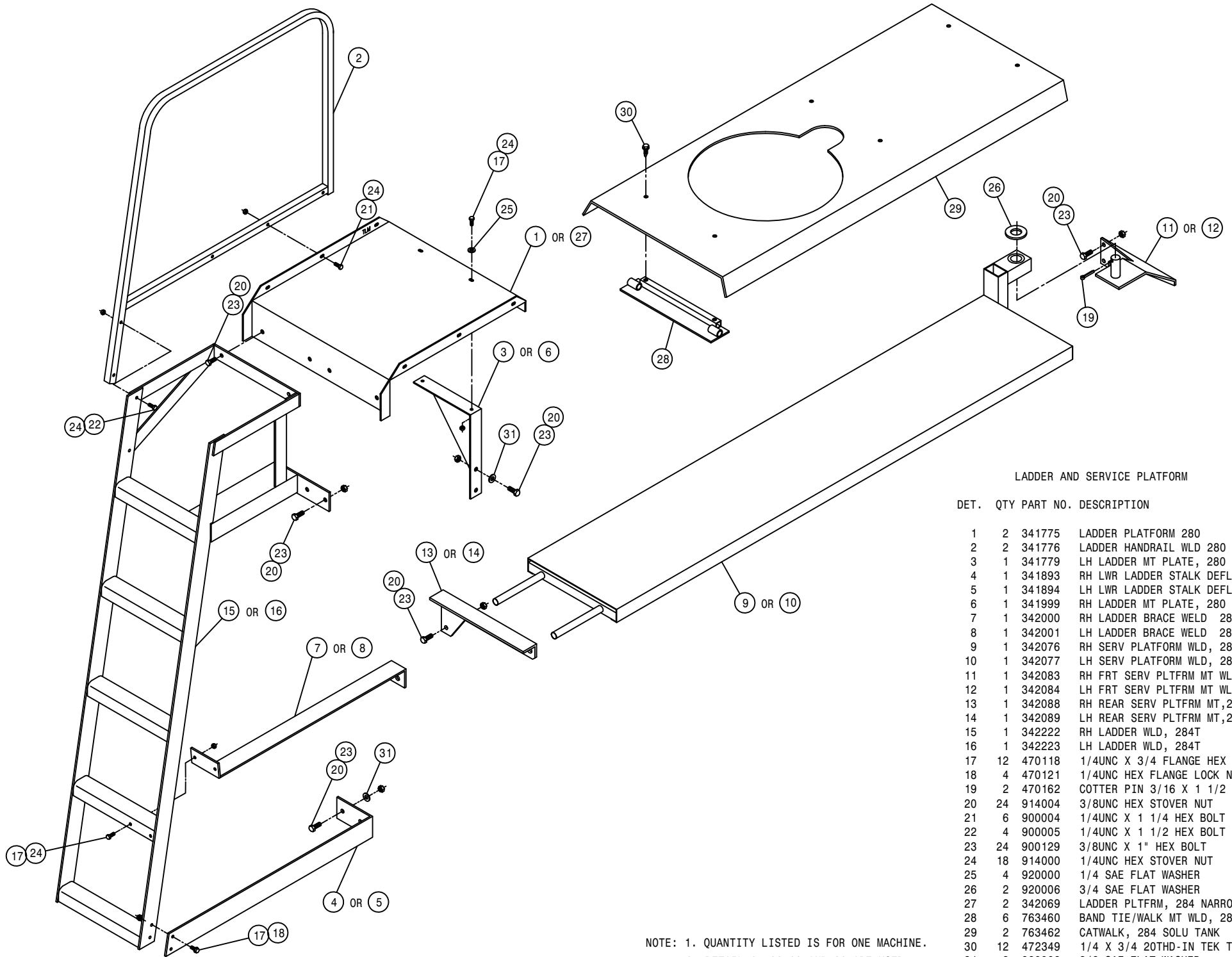






REAR TANK MOUNTS AND SHIELDS

| 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

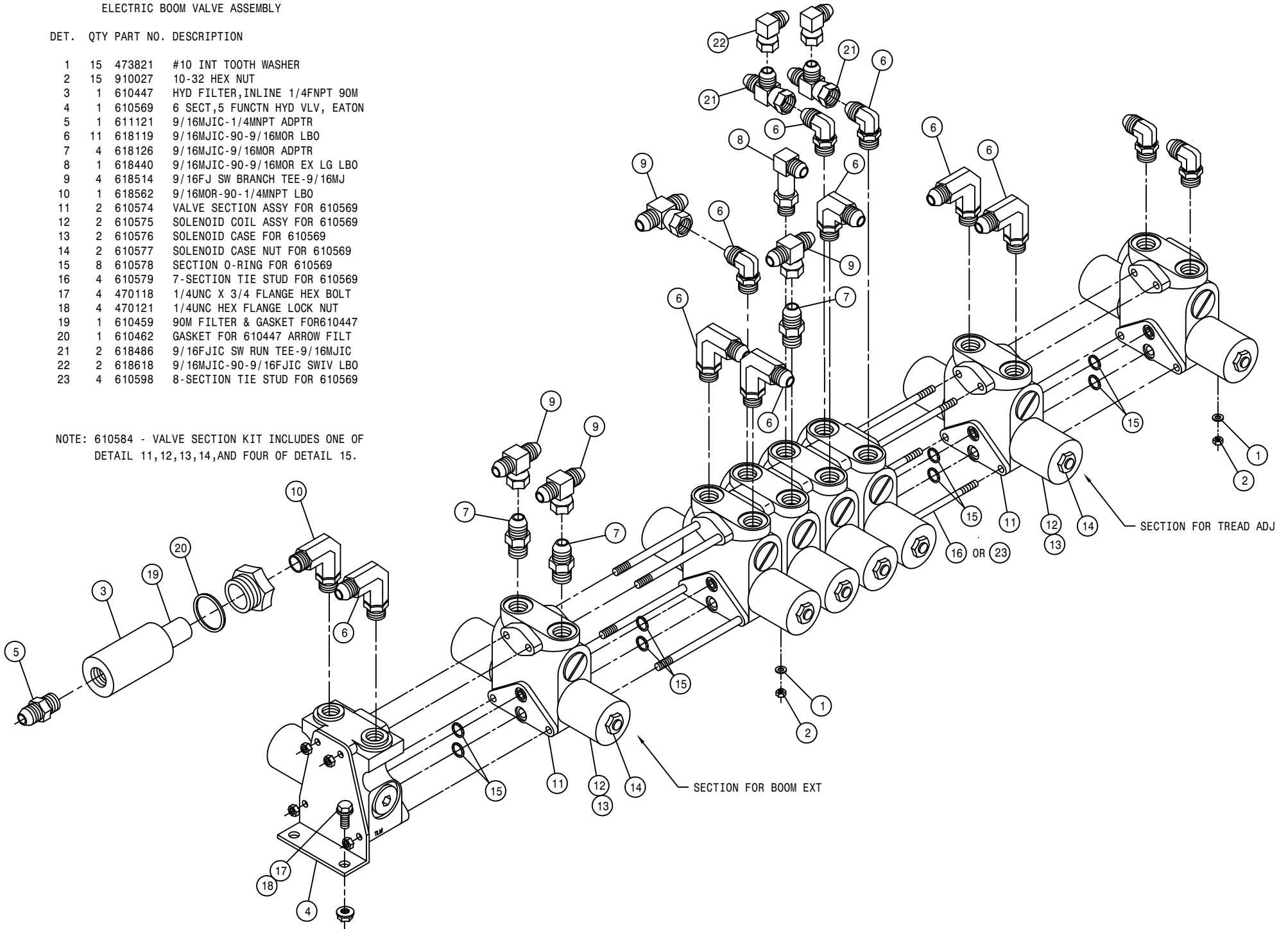
| DET. | QTY | PART NO. | DESCRIPTION                    |    |
|------|-----|----------|--------------------------------|----|
| 1    | 2   | 341775   | LADDER PLATFORM 280            | 89 |
| 2    | 2   | 341776   | LADDER HANDRAIL WLD 280        | 89 |
| 3    | 1   | 341779   | LH LADDER MT PLATE, 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 SQ CUT |    |
| 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.

ELECTRIC BOOM VALVE ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                     |
|------|-----|----------|---------------------------------|
| 1    | 15  | 473821   | #10 INT TOOTH WASHER            |
| 2    | 15  | 910027   | 10-32 HEX NUT                   |
| 3    | 1   | 610447   | HYD FILTER, INLINE 1/4FNPT 90M  |
| 4    | 1   | 610569   | 6 SECT, 5 FUNCTN HYD VLV, EATON |
| 5    | 1   | 611121   | 9/16MJIC-1/4MNPT ADPTR          |
| 6    | 11  | 618119   | 9/16MJIC-90-9/16MOR LBO         |
| 7    | 4   | 618126   | 9/16MJIC-9/16MOR ADPTR          |
| 8    | 1   | 618440   | 9/16MJIC-90-9/16MOR EX LG LBO   |
| 9    | 4   | 618514   | 9/16FJ SW BRANCH TEE-9/16MJ     |
| 10   | 1   | 618562   | 9/16MOR-90-1/4MNPT LBO          |
| 11   | 2   | 610574   | VALVE SECTION ASSY FOR 610569   |
| 12   | 2   | 610575   | SOLENOID COIL ASSY FOR 610569   |
| 13   | 2   | 610576   | SOLENOID CASE FOR 610569        |
| 14   | 2   | 610577   | SOLENOID CASE NUT FOR 610569    |
| 15   | 8   | 610578   | SECTION O-RING FOR 610569       |
| 16   | 4   | 610579   | 7-SECTION TIE STUD FOR 610569   |
| 17   | 4   | 470118   | 1/4UNC X 3/4 FLANGE HEX BOLT    |
| 18   | 4   | 470121   | 1/4UNC HEX FLANGE LOCK NUT      |
| 19   | 1   | 610459   | 90M FILTER & GASKET FOR 610447  |
| 20   | 1   | 610462   | GASKET FOR 610447 ARROW FILT    |
| 21   | 2   | 618486   | 9/16FJIC SW RUN TEE-9/16MJIC    |
| 22   | 2   | 618618   | 9/16MJIC-90-9/16FJIC SWIV LBO   |
| 23   | 4   | 610598   | 8-SECTION TIE STUD FOR 610569   |

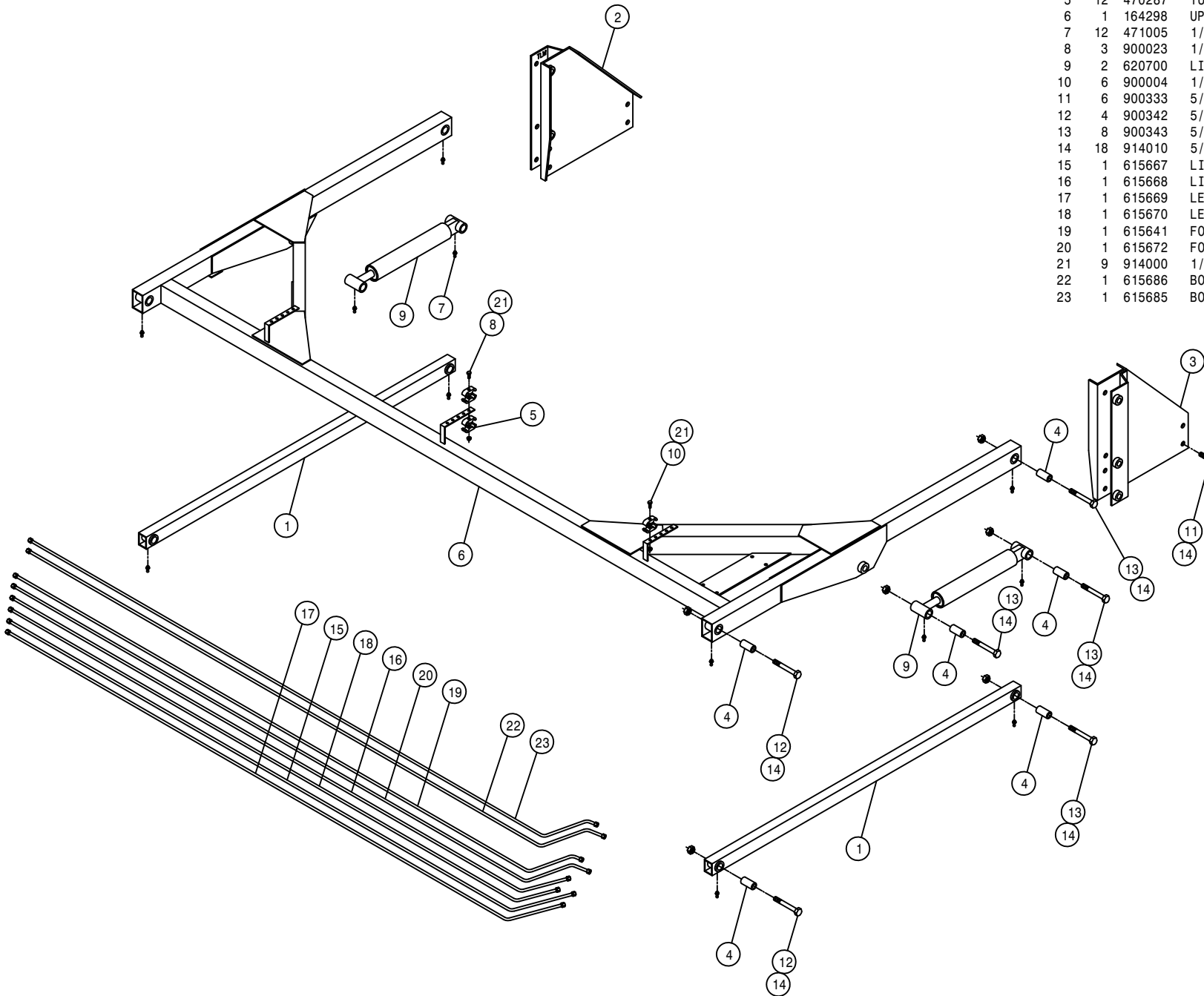
NOTE: 610584 - VALVE SECTION KIT INCLUDES ONE OF  
DETAIL 11, 12, 13, 14, AND FOUR OF DETAIL 15.



LIFTARM ASSEMBLY

DET. QTY PART NO. DESCRIPTION

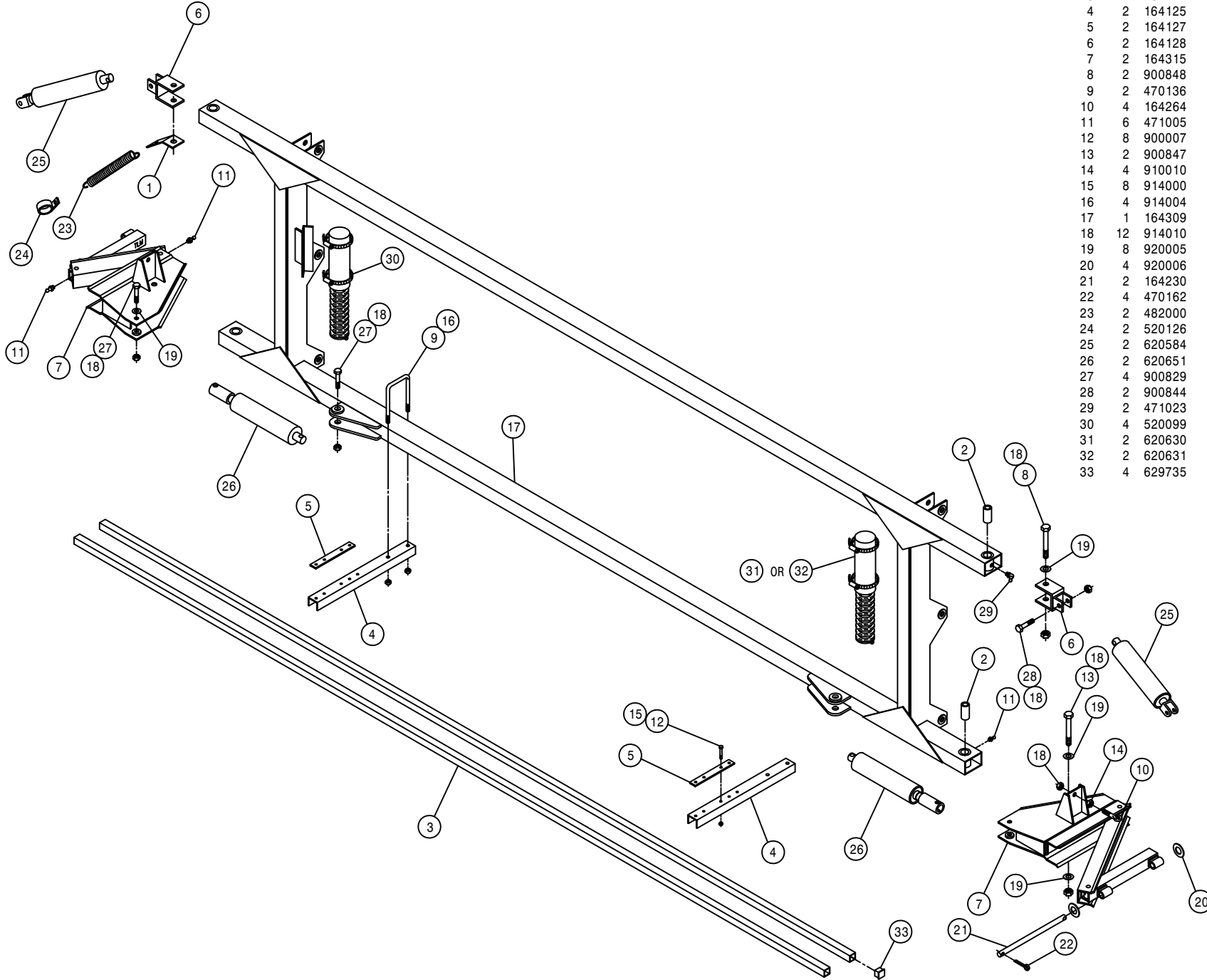
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 2   | 160471   | LWR LIFT ARM WLD 8540-8250 87 |
| 2    | 1   | 160495   | RH LIFT ARM MT WLD 280 89     |
| 3    | 1   | 160496   | LH LIFT ARM MT WLD 280 89     |
| 4    | 12  | 160691   | BUSH LIFT ARM LONG 470        |
| 5    | 12  | 470287   | TUBE CLAMP, .375-.375 (PAIR)  |
| 6    | 1   | 164298   | UPPER LIFT ARM WLD, 284W 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   | 620700   | LIFT CYL ASSY,2.50 W/FTGS 99  |
| 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   | 615667   | LIFT HYD TUBE ASSY,UP 284W 95 |
| 16   | 1   | 615668   | LIFT HYD TUBE ASSY,DN 284W 95 |
| 17   | 1   | 615669   | LEV HYD TUBE ASSY,UP 284W 95  |
| 18   | 1   | 615670   | LEV HYD TUBE ASSY,DN 284W 95  |
| 19   | 1   | 615641   | FOLD HYD TUBE ASSY,IN 254/284 |
| 20   | 1   | 615672   | FOLD HYD TUBE ASSY,OUT284W 95 |
| 21   | 9   | 914000   | 1/4UNC HEX STOVER NUT         |
| 22   | 1   | 615686   | BOOM HYD TUBE ASSY,OUT 284W96 |
| 23   | 1   | 615685   | BOOM HYD TUBE ASSY,IN 284W96  |



TRANSOM ASSEMBLY

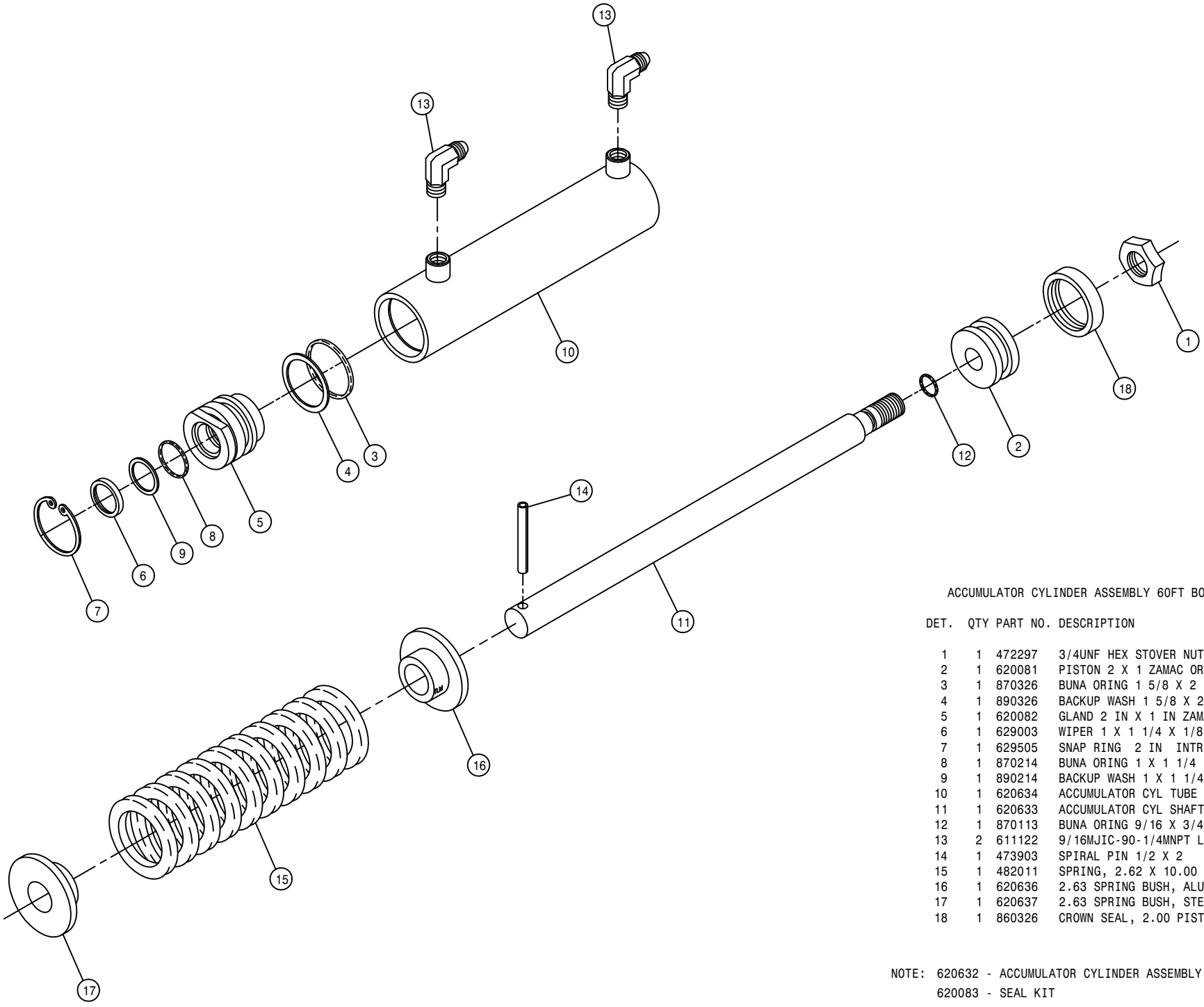
DET. QTY PART NO. DESCRIPTION

| DET. | QTY | PART NO. | DESCRIPTION                     |
|------|-----|----------|---------------------------------|
| 1    | 2   | 160429   | FEEDER HOSE SUPPORT SPRING MT   |
| 2    | 4   | 160691   | BUSH LIFT ARM LONG 470          |
| 3    | 2   | 164124   | NOZL MT TUBE,254X-11, 284W 96   |
| 4    | 2   | 164125   | NOZL MT TUBE HANGER CHAN 96     |
| 5    | 2   | 164127   | NOZL MT TUBE CLAMP 96           |
| 6    | 2   | 164128   | LEVEL CYL PIVOT BRKT WLD 96     |
| 7    | 2   | 164315   | BOOM BREAKAWAY WLD 97           |
| 8    | 2   | 900848   | 5/8UNC X 4 3/4 HEX BOLT GR8     |
| 9    | 2   | 470136   | 3/8UNC-3 1/16ID-3 SQ U-BOLT     |
| 10   | 4   | 164264   | 5/8UNC X 3" EYE BOLT            |
| 11   | 6   | 471005   | 1/4 28 X 1/2 GREASE ZERK        |
| 12   | 8   | 900007   | 1/4UNC X 2" HEX BOLT            |
| 13   | 2   | 900847   | 5/8UNC X 4 1/2 HEX BOLT GR8     |
| 14   | 4   | 910010   | 5/8UNC HEX NUT                  |
| 15   | 8   | 914000   | 1/4UNC HEX STOVER NUT           |
| 16   | 4   | 914004   | 3/8UNC HEX STOVER NUT           |
| 17   | 1   | 164309   | TRANSOM WLD, 284W 144TRD 97     |
| 18   | 12  | 914010   | 5/8UNC HEX STOVER NUT           |
| 19   | 8   | 920005   | 5/8 SAE FLAT WASHER             |
| 20   | 4   | 920006   | 3/4 SAE FLAT WASHER             |
| 21   | 2   | 164230   | BOOM PIVOT PIN, .75 X 13.31 96  |
| 22   | 4   | 470162   | COTTER PIN 3/16 X 1 1/2 SQ CUT  |
| 23   | 2   | 482000   | SPRING, .930D X 8.5LG, .072WIRE |
| 24   | 2   | 520126   | CUSH HOSE CLAMP 2IN X 5/8W      |
| 25   | 2   | 620584   | LEVEL CYL ASSY W/FTGS 96        |
| 26   | 2   | 620651   | FOLD CYL ASSY W/FTGS 97         |
| 27   | 4   | 900829   | 5/8UNC X 4" HEX BOLT GR8        |
| 28   | 2   | 900844   | 5/8UNC X 2 3/4 HEX BOLT GR8     |
| 29   | 2   | 471023   | GREASE ZERK 1/4-28 X 45         |
| 30   | 4   | 520099   | HOSE CLAMP NO 40 STAINLESS      |
| 31   | 2   | 620630   | ACCUMULATOR ASSY,60' BOOM 96    |
| 32   | 2   | 620631   | ACCUMULATOR ASSY,80/90'BOOM96   |
| 33   | 4   | 629735   | CAPLUG, 1 1/4" SQ, BLACK POLY   |



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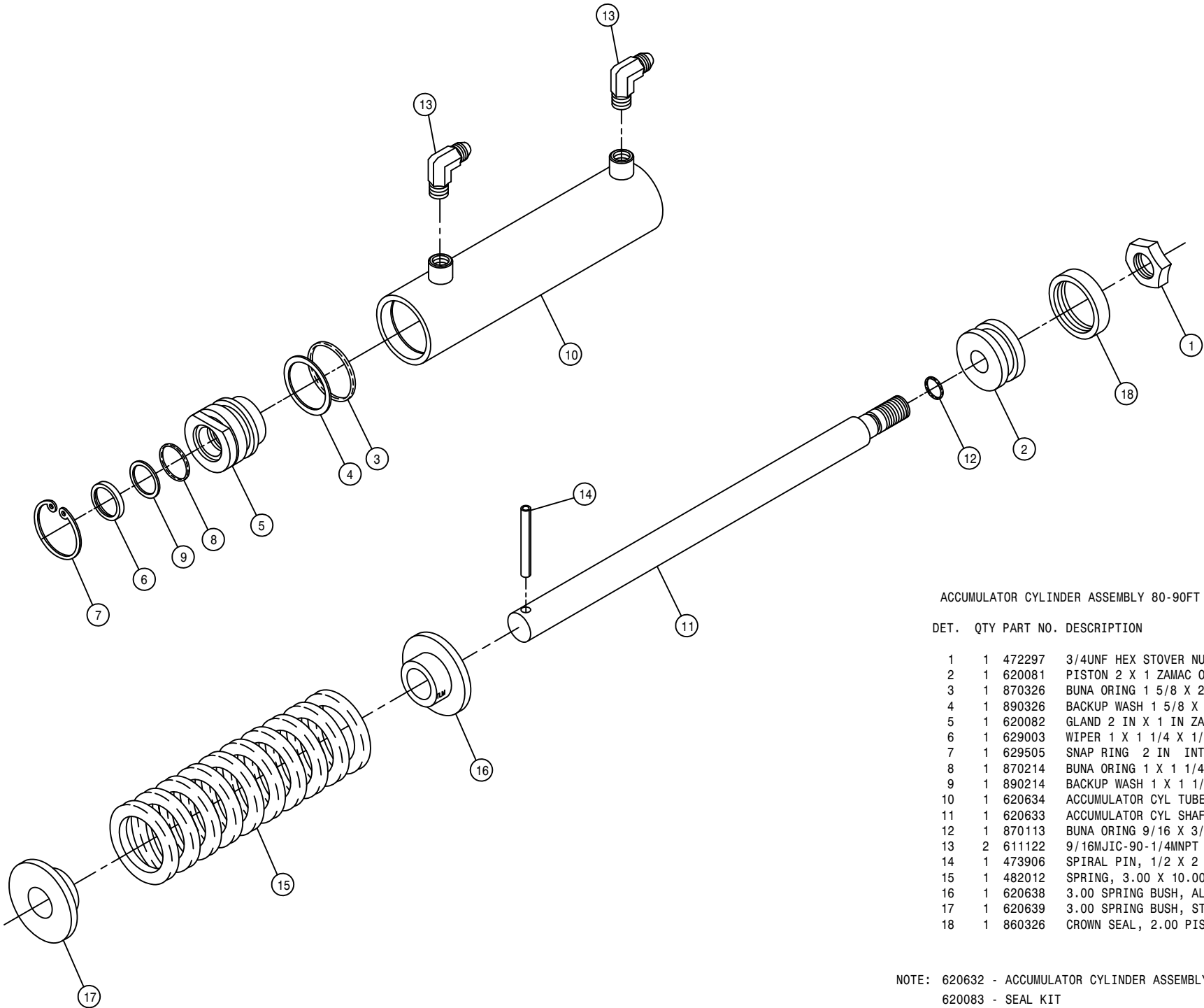
195053



ACCUMULATOR CYLINDER ASSEMBLY 60FT BOOM

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
|      | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN    |
|      | 1   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE |
|      | 1   | 870326   | BUNA ORING 1 5/8 X 2          |
|      | 1   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH   |
|      | 1   | 620082   | GLAND 2 IN X 1 IN ZAMAC       |
|      | 1   | 629003   | WIPER 1 X 1 1/4 X 1/8         |
|      | 1   | 629505   | SNAP RING 2 IN INTRN          |
|      | 1   | 870214   | BUNA ORING 1 X 1 1/4          |
|      | 1   | 890214   | BACKUP WASH 1 X 1 1/4 HT2022  |
|      | 1   | 620634   | ACCUMULATOR CYL TUBE WLD 96   |
|      | 1   | 620633   | ACCUMULATOR CYL SHAFT 96      |
|      | 1   | 870113   | BUNA ORING 9/16 X 3/4         |
|      | 2   | 611122   | 9/16MJIC-90-1/4MNPT LBO       |
|      | 1   | 473903   | SPIRAL PIN 1/2 X 2 640        |
|      | 1   | 482011   | SPRING, 2.62 X 10.00 COMPRSN  |
|      | 1   | 620636   | 2.63 SPRING BUSH, ALUM 96     |
|      | 1   | 620637   | 2.63 SPRING BUSH, STEEL 96    |
|      | 1   | 860326   | CROWN SEAL, 2.00 PISTON (326  |

NOTE: 620632 - ACCUMULATOR CYLINDER ASSEMBLY 1-12  
 620083 - SEAL KIT

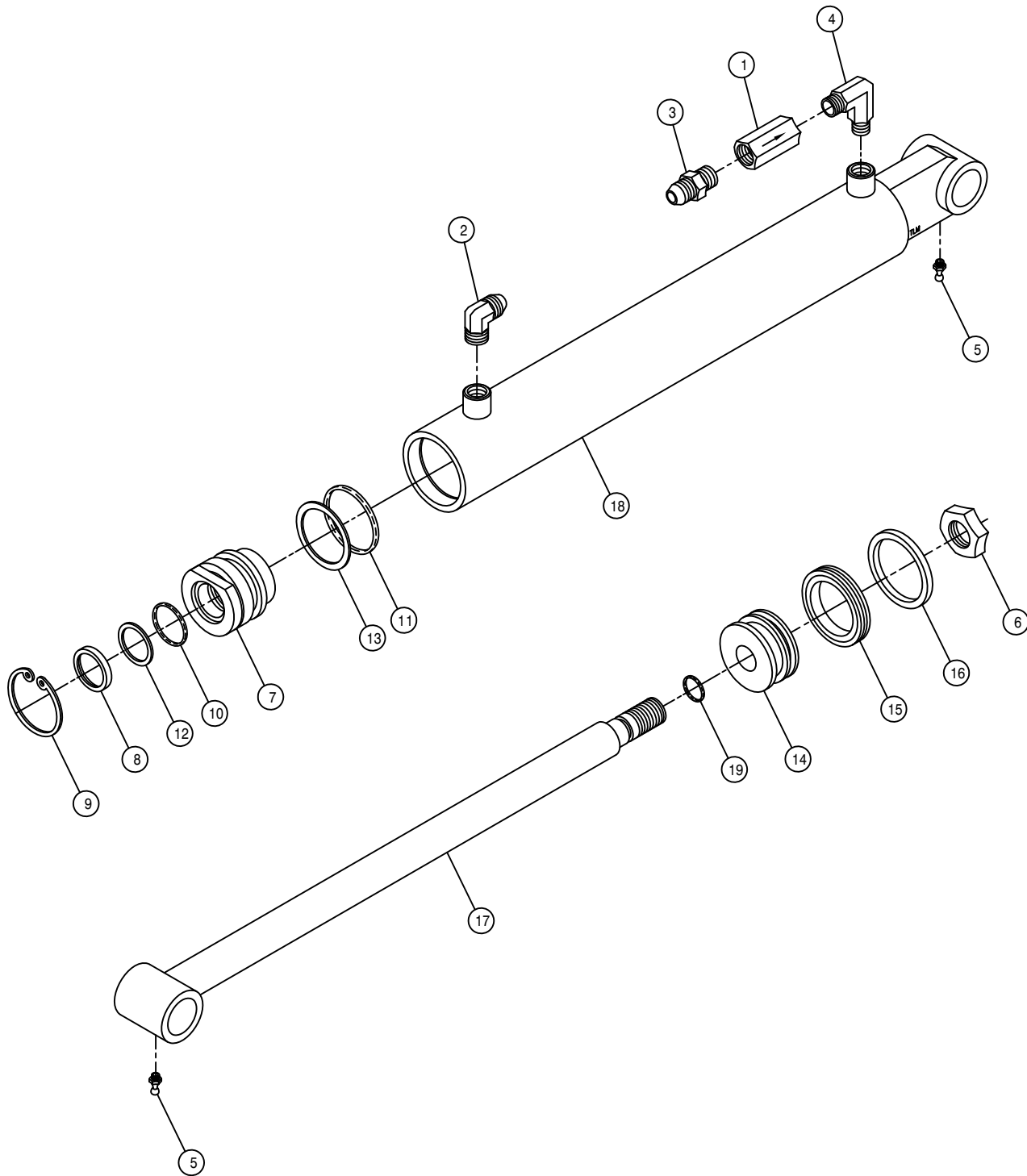


ACCUMULATOR CYLINDER ASSEMBLY 80-90FT BOOM

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
|      | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN    |
|      | 2   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE |
|      | 3   | 870326   | BUNA ORING 1 5/8 X 2          |
|      | 4   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH   |
|      | 5   | 620082   | GLAND 2 IN X 1 IN ZAMAC       |
|      | 6   | 629003   | WIPER 1 X 1 1/4 X 1/8         |
|      | 7   | 629505   | SNAP RING 2 IN INTRN          |
|      | 8   | 870214   | BUNA ORING 1 X 1 1/4          |
|      | 9   | 890214   | BACKUP WASH 1 X 1 1/4 HT2022  |
|      | 10  | 620634   | ACCUMULATOR CYL TUBE WLD 96   |
|      | 11  | 620633   | ACCUMULATOR CYL SHAFT 96      |
|      | 12  | 870113   | BUNA ORING 9/16 X 3/4         |
|      | 13  | 611122   | 9/16MJIC-90-1/4MNPT LBO       |
|      | 14  | 473906   | SPIRAL PIN, 1/2 X 2 1/2 LG    |
|      | 15  | 482012   | SPRING, 3.00 X 10.00 COMPRSN  |
|      | 16  | 620638   | 3.00 SPRING BUSH, ALUM 96     |
|      | 17  | 620639   | 3.00 SPRING BUSH, STEEL 96    |
|      | 18  | 860326   | CROWN SEAL, 2.00 PISTON (326  |

NOTE: 620632 - ACCUMULATOR CYLINDER ASSEMBLY 1-12

620083 - SEAL KIT

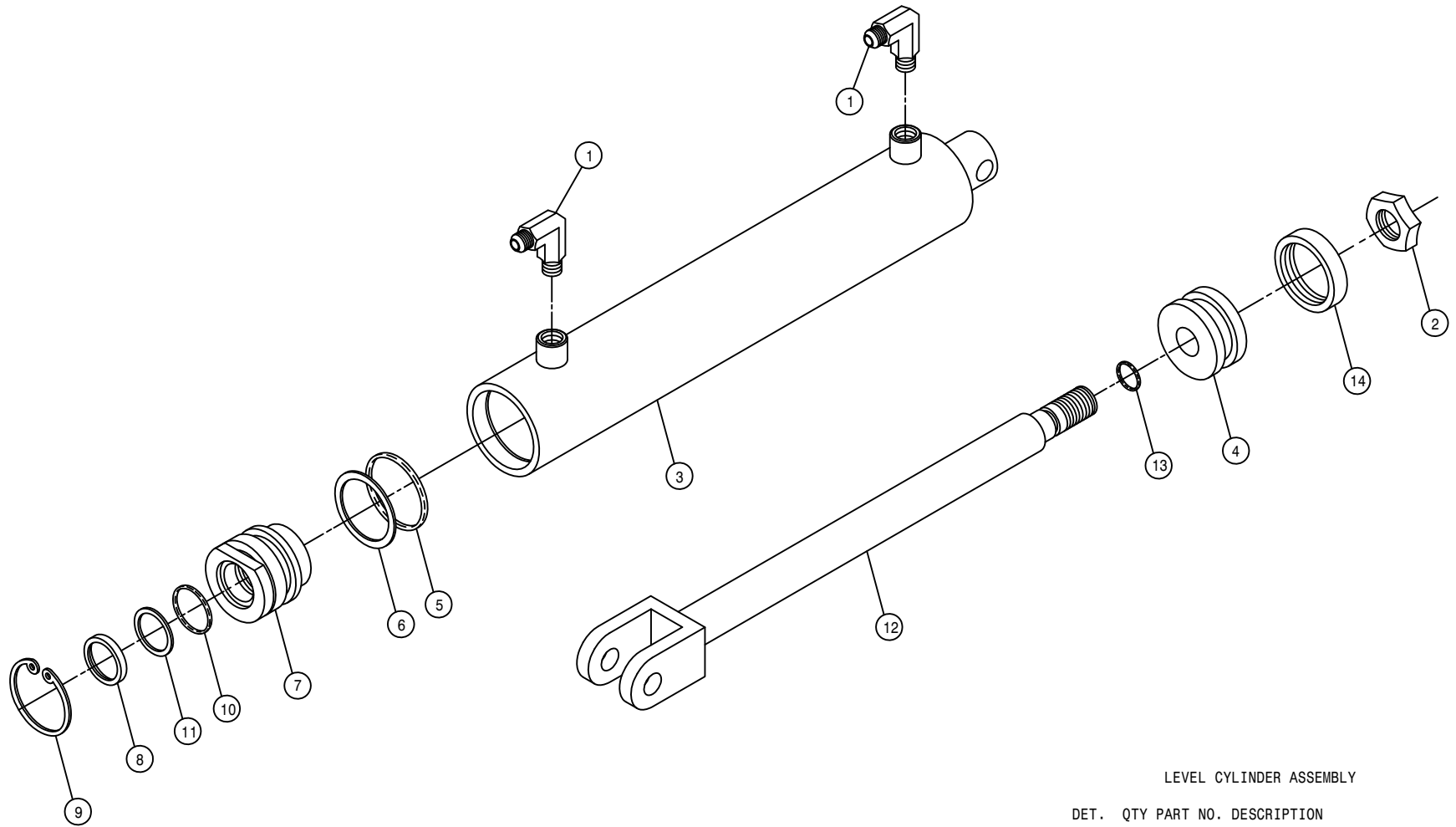


LIFT CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                     |
|------|-----|----------|---------------------------------|
|      | 1   | 610675   | RESTRICTOR, .042 1-WAY, 1/2FNPT |
|      | 2   | 611122   | 9/16MJIC-90-1/4MNPT LBO         |
|      | 3   | 618018   | 9/16MJIC-1/2MNPT ADPTR          |
|      | 4   | 618633   | 1/2MNPT-90-1/4MNPT REDU LBO     |
|      | 5   | 471005   | 1/4 28 X 1/2 GREASE ZERK        |
|      | 6   | 472297   | 3/4UNF HEX STOVER NUT THIN      |
|      | 7   | 620675   | GLAND, 2.50OD X 1.25ID, ALUM    |
|      | 8   | 629002   | WIPER 1 1/4 X 1 1/2 X 1/8       |
|      | 9   | 629504   | SNAP RING 2 1/2 IN INTRN        |
|      | 10  | 870218   | BUNA ORING 1 1/4 X 1 1/2        |
|      | 11  | 870330   | NEO ORING 2 1/8 X 2 1/2         |
|      | 12  | 890218   | BACKUP WASH1 1/4X1 1/2 HT2022   |
|      | 13  | 890330   | BACKUP WASH 2 1/8 X 2 1/2       |
|      | 14  | 620703   | PISTON, 2.50" T-SEAL/WEAR RING  |
|      | 15  | 860330   | T-SEAL, 2.50 OD W/BACKUPS(330)  |
|      | 16  | 860331   | WEAR RING, .25 X 2.50           |
|      | 17  | 620704   | LIFT CYL SHAFT WLD 99           |
|      | 18  | 620706   | LIFT CYL TUBE WLD, 2.50" 99     |
|      | 19  | 870113   | BUNA ORING 9/16 X 3/4           |

NOTE: 1. 620701 - LIFT CYLINDER ASSEMBLY  
 2. 620700 - LIFT CYLINDER ASSEMBLY WITH FITTINGS  
 3. 620708 - SEAL KIT

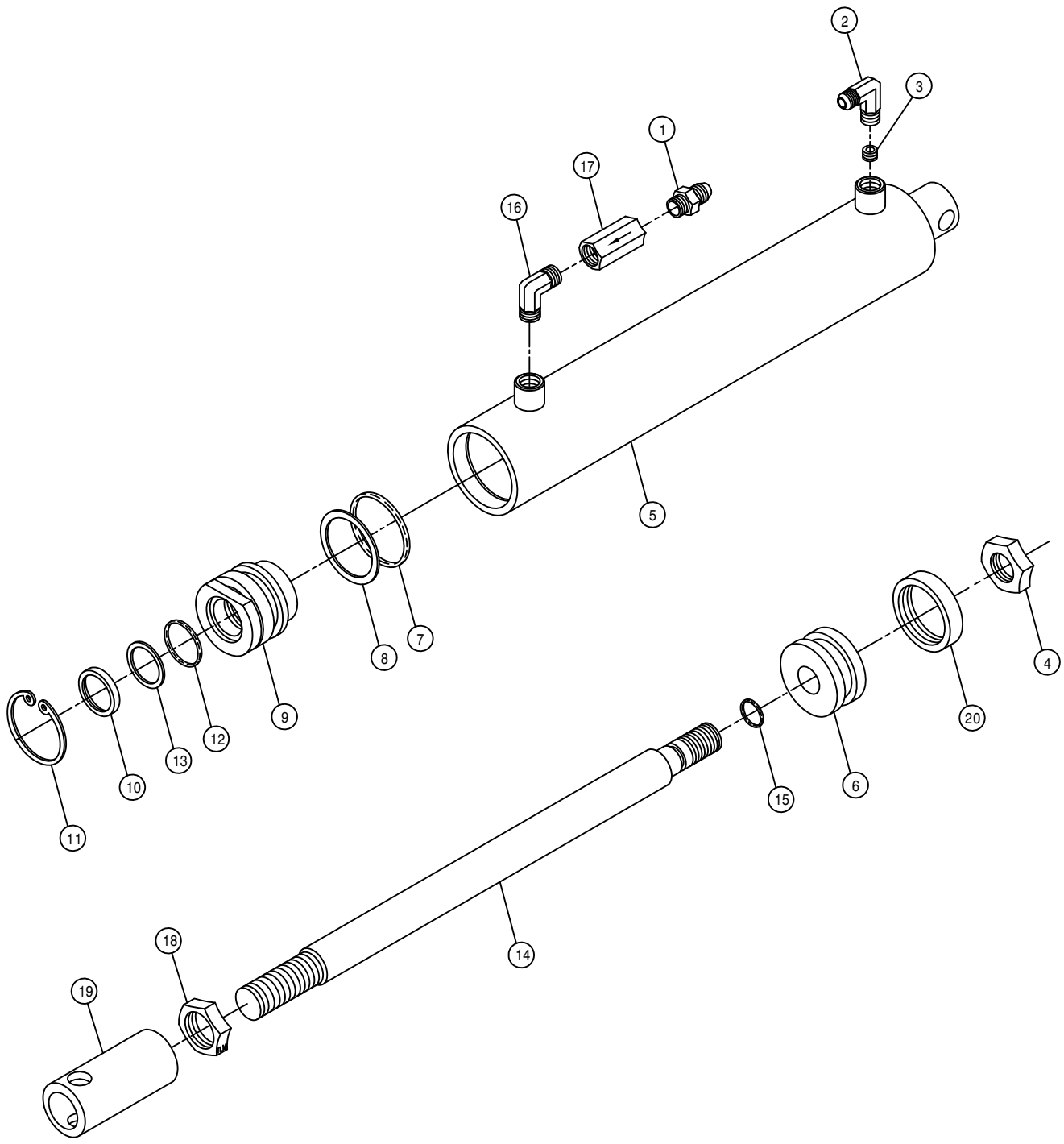




LEVEL CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 2   | 611122   | 9/16MJIC-90-1/4MNPT LBO       |
| 2    | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN    |
| 3    | 1   | 620586   | LEVEL CYL TUBE WLD 96         |
| 4    | 1   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE |
| 5    | 1   | 870326   | BUNA ORING 1 5/8 X 2          |
| 6    | 1   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH   |
| 7    | 1   | 620082   | GLAND 2 IN X 1 IN ZAMAC       |
| 8    | 1   | 629003   | WIPER 1 X 1 1/4 X 1/8         |
| 9    | 1   | 629505   | SNAP RING 2 IN INTRN          |
| 10   | 1   | 870214   | BUNA ORING 1 X 1 1/4          |
| 11   | 1   | 890214   | BACKUP WASH 1 X 1 1/4 HT2022  |
| 12   | 1   | 620591   | LEVEL CYL SHAFT WLD 96        |
| 13   | 1   | 870113   | BUNA ORING 9/16 X 3/4         |
| 14   | 1   | 860326   | CROWN SEAL, 2" PISTON, HYD    |

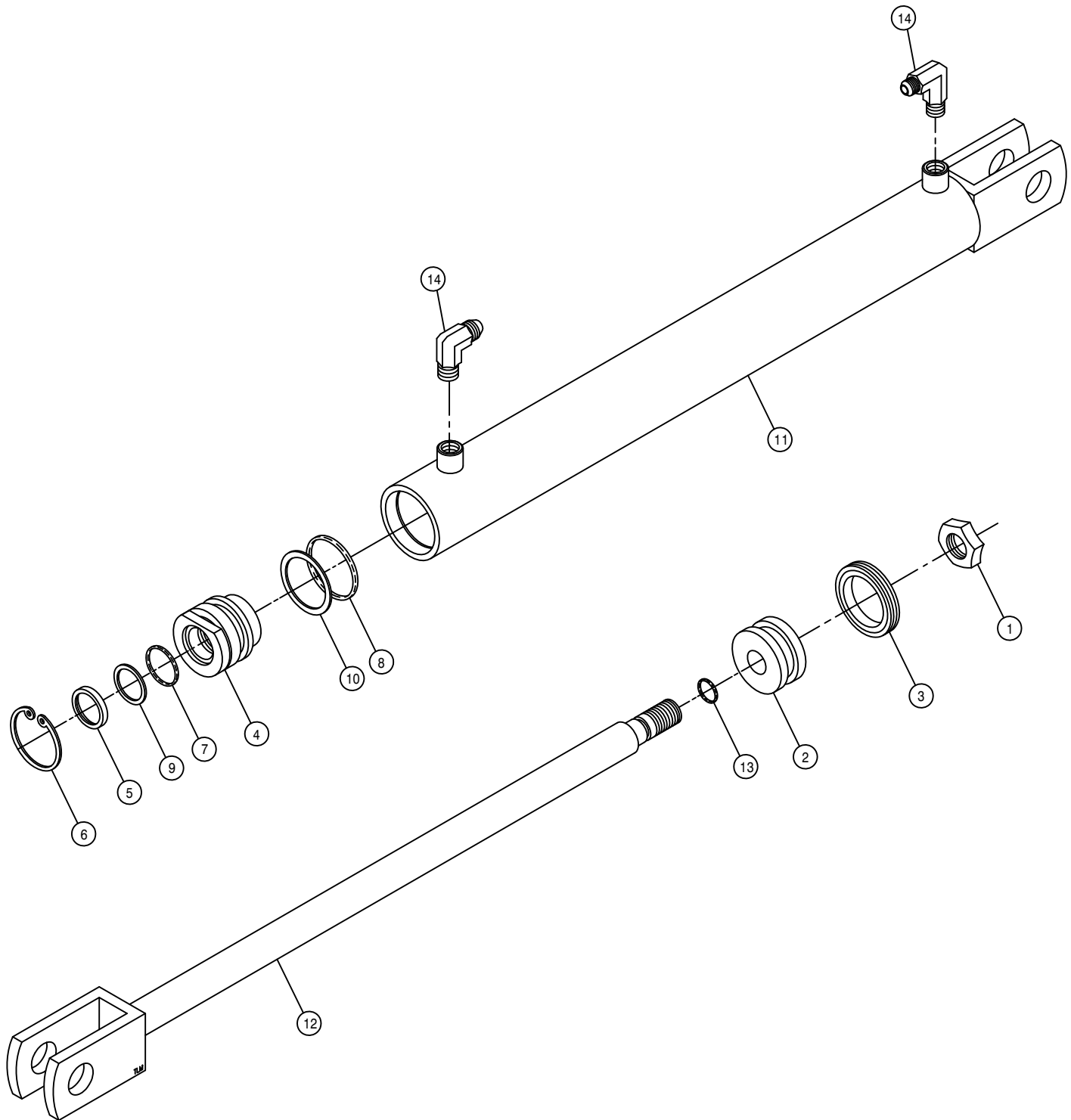
NOTE: 1. 620585 - LEVEL CLINDER ASSEMBLY  
 2. 620584 - LEVEL CYLINDER ASSEMBLY W/FTGS  
 3. 620083 - SEAL KIT



FOLD CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                    |
|------|-----|----------|--------------------------------|
|      | 1   | 618018   | 9/16MJIC-1/2MNPT ADPTR         |
|      | 1   | 440338   | 9/16 JIC W/90X1/4 NPT TAPPED   |
|      | 1   | 614366   | RESTRICTOR SCREW, .042 DIA     |
|      | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN     |
|      | 5   | 620586   | LEVEL CYL TUBE WLD 96          |
|      | 6   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE  |
|      | 7   | 870326   | BUNA ORING 1 5/8 X 2           |
|      | 8   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH    |
|      | 9   | 620082   | GLAND 2 IN X 1 IN ZAMAC        |
|      | 10  | 629003   | WIPER 1 X 1 1/4 X 1/8          |
|      | 11  | 629505   | SNAP RING 2 IN INTRN           |
|      | 12  | 870214   | BUNA ORING 1 X 1 1/4           |
|      | 13  | 890214   | BACKUP WASH 1 X 1 1/4 HT2022   |
|      | 14  | 620596   | FOLD CYL SHAFT 96              |
|      | 15  | 870113   | BUNA ORING 9/16 X 3/4          |
|      | 16  | 618633   | 1/2MNPT-90-1/4MNPT REDU LBO    |
|      | 17  | 610450   | RESTRICTOR .025 1-WAY, 1/2FNPT |
|      | 18  | 472322   | 7/8UNF HEX JAM NUT             |
|      | 19  | 620653   | FOLD CYL ADJ SLEEVE 97         |
|      | 20  | 860326   | CROWN SEAL, 2" PISTON, HYD     |

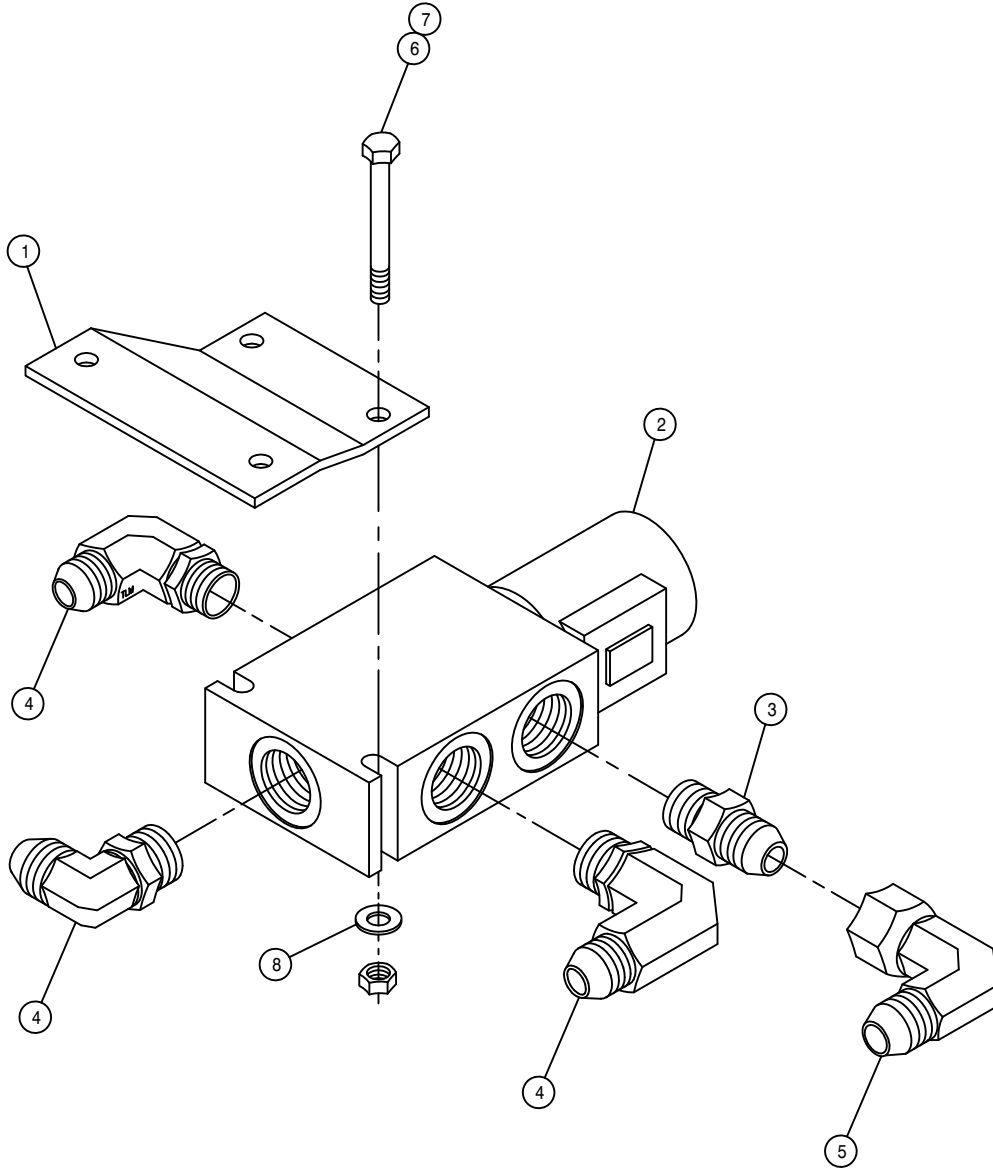
NOTE: 1. 620652 - FOLD CLINDER ASSEMBLY  
 2. 620651 - FOLD CYLINDER ASSEMBLY WITH FITTINGS  
 3. 614365 - RESTRICTOR ELBOW ASSEMBLY  
 4. 620083 - SEAL KIT



BOOM EXTENSION FOLD CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                   |    |
|------|-----|----------|-------------------------------|----|
|      | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN    |    |
|      | 2   | 620666   | PISTON, 2.50" T-SEAL TYPE     |    |
|      | 3   | 860330   | T-SEAL, 2.50 OD W/BACKUPS     |    |
|      | 4   | 620668   | GLAND, 2.500D X 1.00ID O-RING |    |
|      | 5   | 629003   | WIPER 1 X 1 1/4 X 1/8         |    |
|      | 6   | 629504   | SNAP RING 2 1/2 IN INTRN      |    |
|      | 7   | 870214   | BUNA ORING 1 X 1 1/4          |    |
|      | 8   | 870330   | NEO ORING 2 1/8 X 2 1/2       |    |
|      | 9   | 890214   | BACKUP WASH 1 X 1 1/4 HT2022  |    |
|      | 10  | 890330   | BACKUP WASH 2 1/8 X 2 1/2     |    |
|      | 11  | 620669   | CYL TUBE WLD, BOOM FOLD       | 98 |
|      | 12  | 620688   | CYL SHAFT WLD, BOOM FOLD      | 98 |
|      | 13  | 870113   | BUNA ORING 9/16 X 3/4         |    |
|      | 14  | 614365   | RESTRICTOR ELBOW ASSY .042DIA |    |

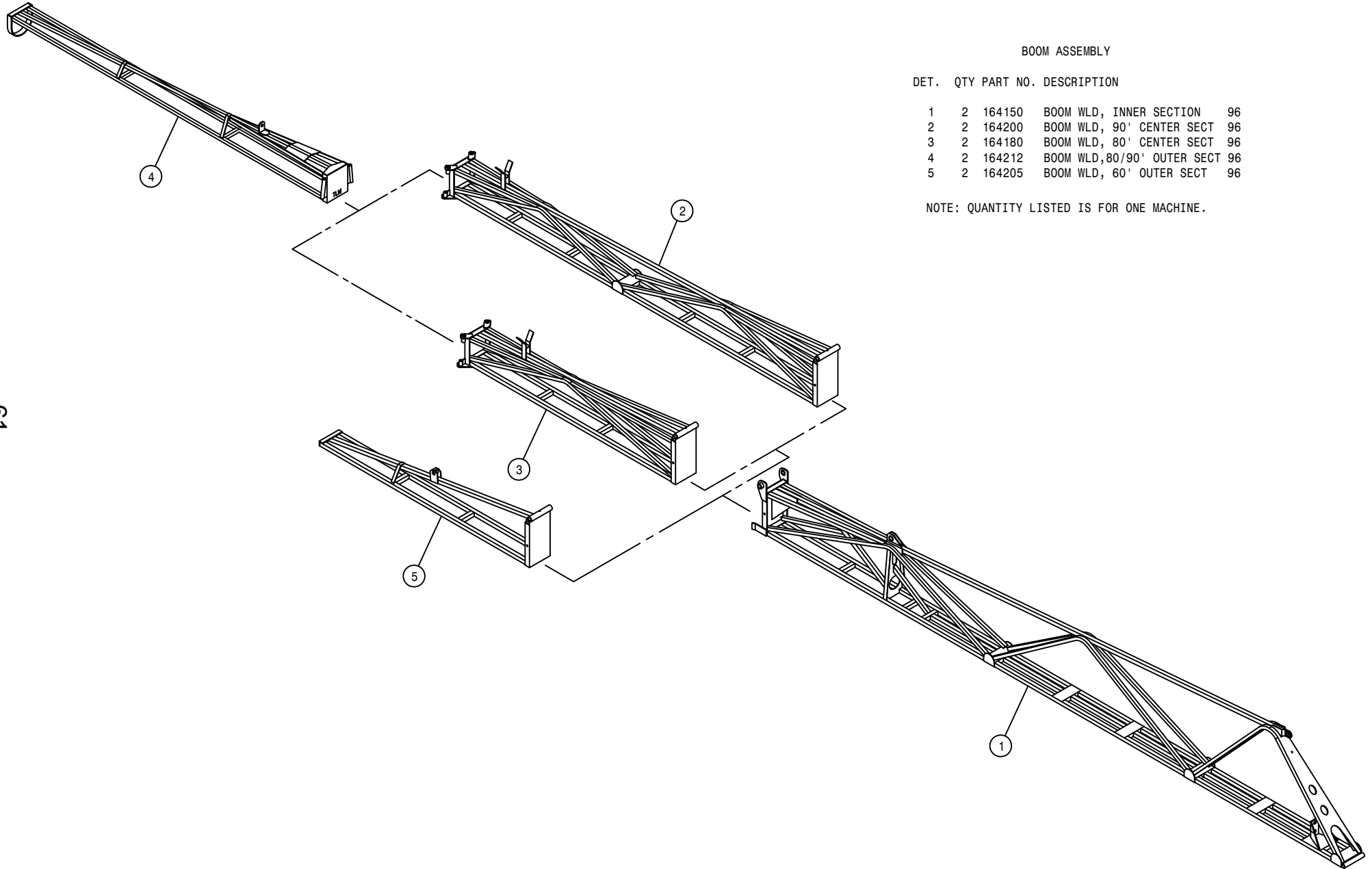
NOTE: 620664 - LIFT CYLINDER INCLUDES ITEMS 1-13.  
 620671 - SEAL KIT



LIFT CYLINDER LOCK SOLENOID VALVE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

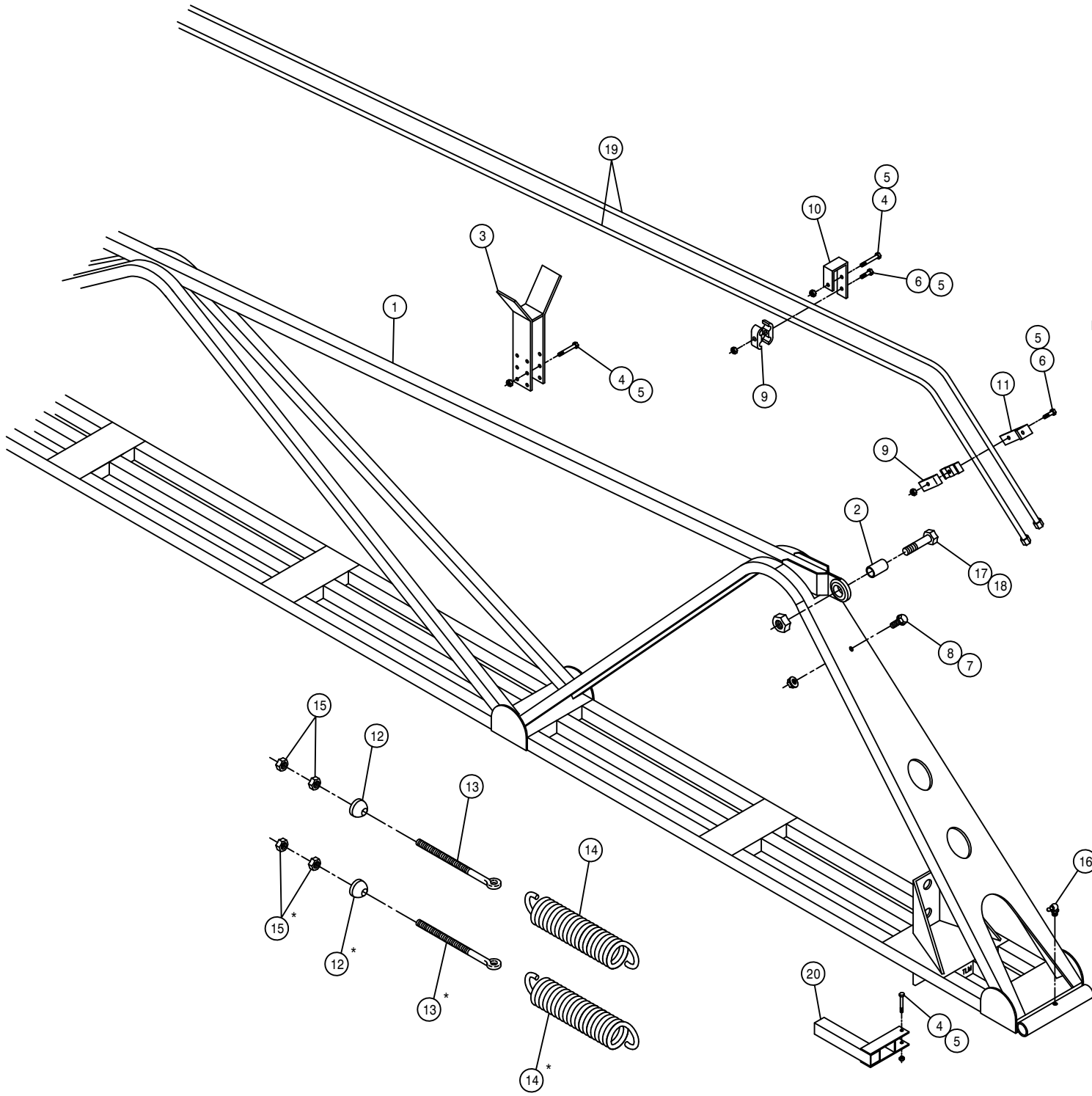
|   |   |        |                               |    |
|---|---|--------|-------------------------------|----|
| 1 | 1 | 164305 | LIFT CYL LOCK SOL VLV MT      | 97 |
| 2 | 1 | 610628 | 4-WAY, 2-POSITION SOL VLV     |    |
| 3 | 1 | 618109 | 9/16MJIC-3/4MOR ADPTR         |    |
| 4 | 3 | 618115 | 9/16MJIC-90-3/4MOR 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 SECT       | 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   | 164205   | BOOM WLD, 60' OUTER SECT   | 96 |

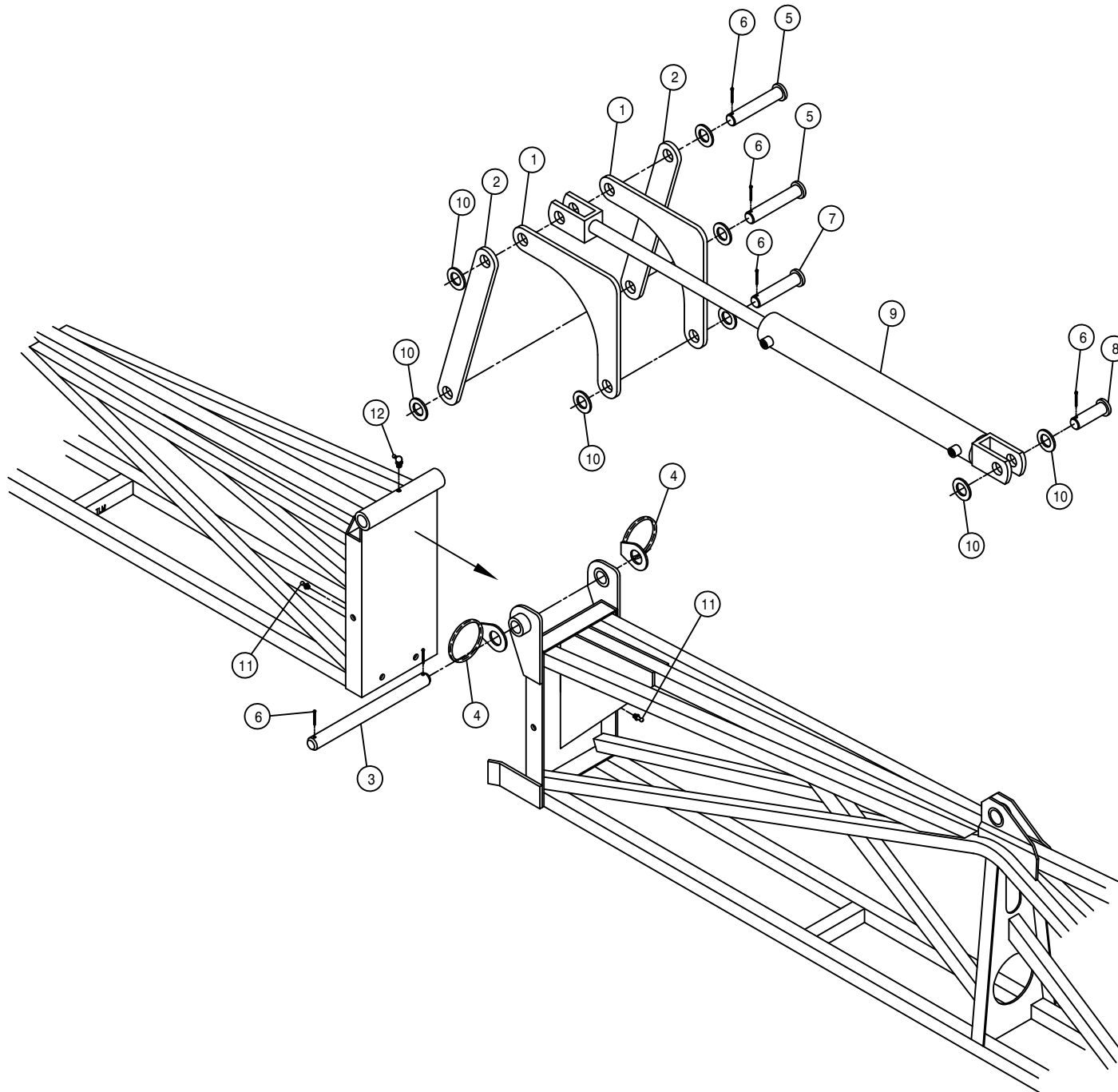
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



INNER BOOM ASSEMBLY

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

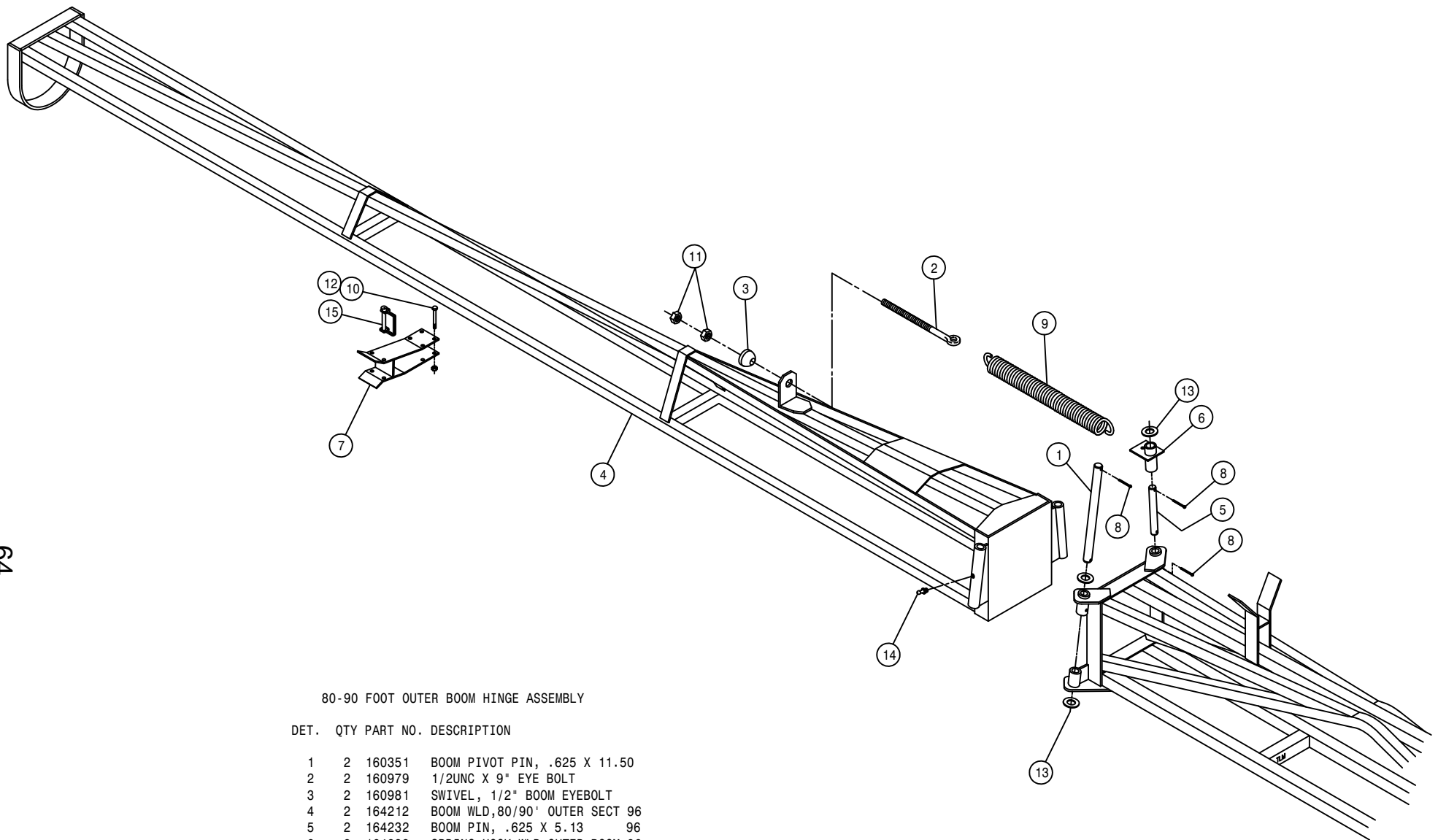
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.  
 \*60 FOOT BOOM USES ONE SPRING SETUP.



80-90 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 SECT96  |
| 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   | 620664   | CYL ASSY, BOOM FOLD 2.50X18" 98 |
| 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   | 164236   | OUTER BOOM SUPPORT WLD 96      |
| 8    | 8   | 470162   | COTTER PIN 3/16 X 1 1/2 SQ CUT |
| 9    | 2   | 482013   | SPRING, 2.50 X 17.00 EXTENSION |
| 10   | 8   | 900006   | 1/4UNC X 1 3/4 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.

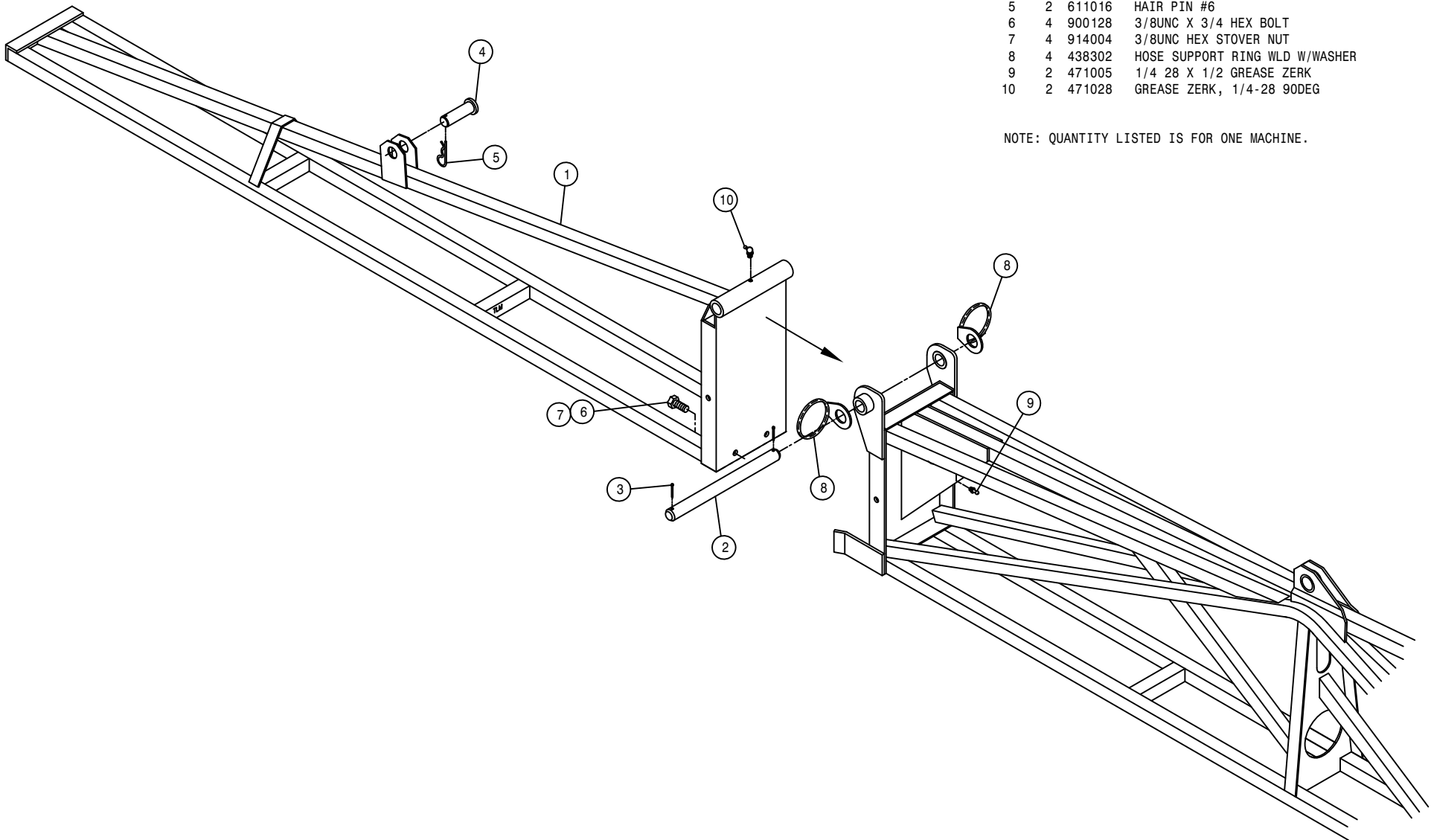


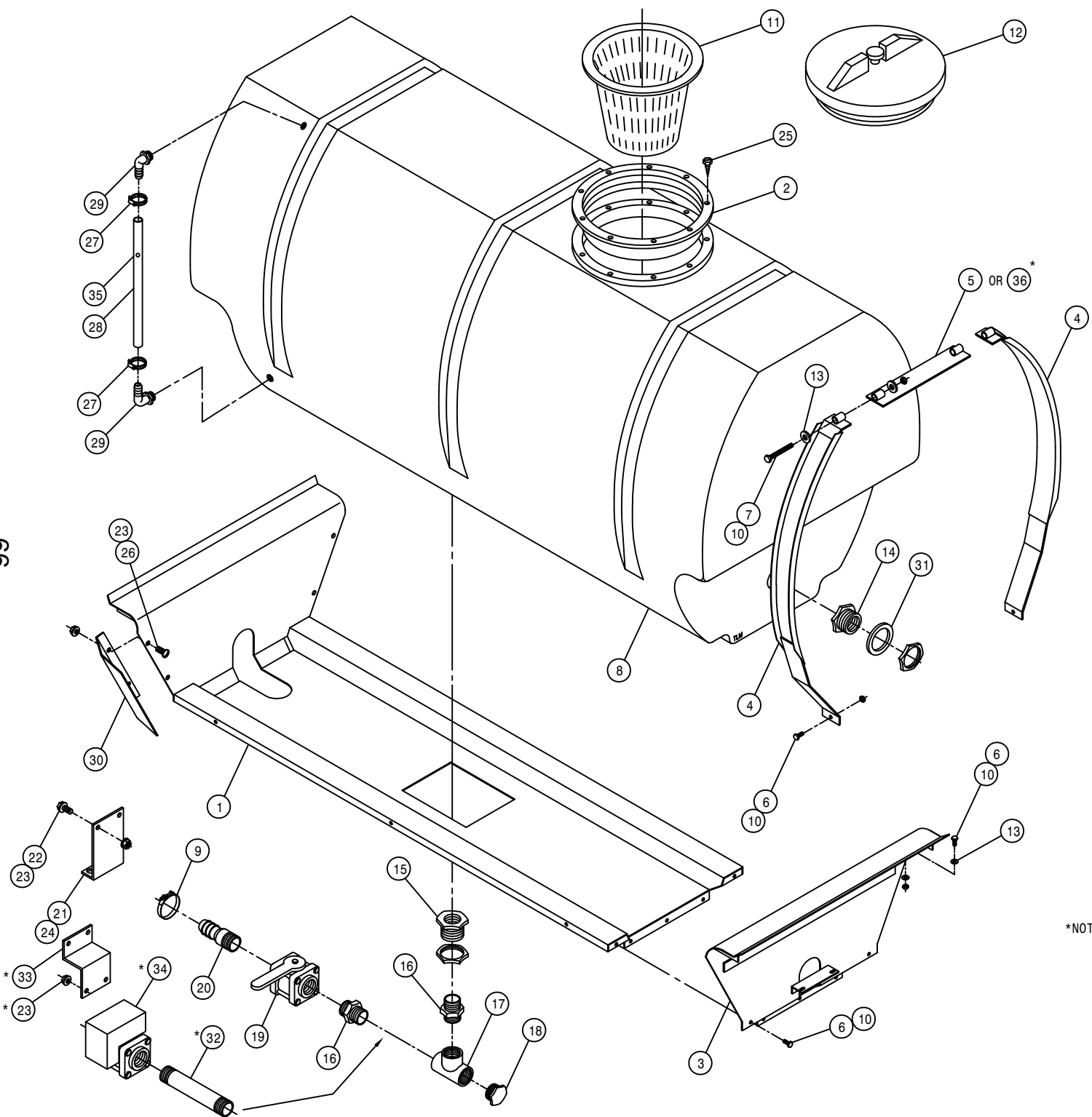
60 FOOT BOOM HINGE PIVOT ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |   |        |                                |     |
|----|---|--------|--------------------------------|-----|
| 1  | 2 | 164205 | BOOM WLD, 60' OUTER SECT       | 96  |
| 2  | 2 | 164231 | BOOM PIN, 1.00 X 11.75         | 96  |
| 3  | 4 | 470162 | COTTER PIN 3/16 X 1 1/2 SQ CUT |     |
| 4  | 2 | 472276 | CLEVIS PIN, 1.00 X 2.00        | PLT |
| 5  | 2 | 611016 | HAIR PIN #6                    |     |
| 6  | 4 | 900128 | 3/8UNC X 3/4 HEX BOLT          |     |
| 7  | 4 | 914004 | 3/8UNC HEX STOVER NUT          |     |
| 8  | 4 | 438302 | HOSE SUPPORT RING WLD W/WASHER |     |
| 9  | 2 | 471005 | 1/4 28 X 1/2 GREASE ZERK       |     |
| 10 | 2 | 471028 | GREASE ZERK, 1/4-28 90DEG      |     |

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



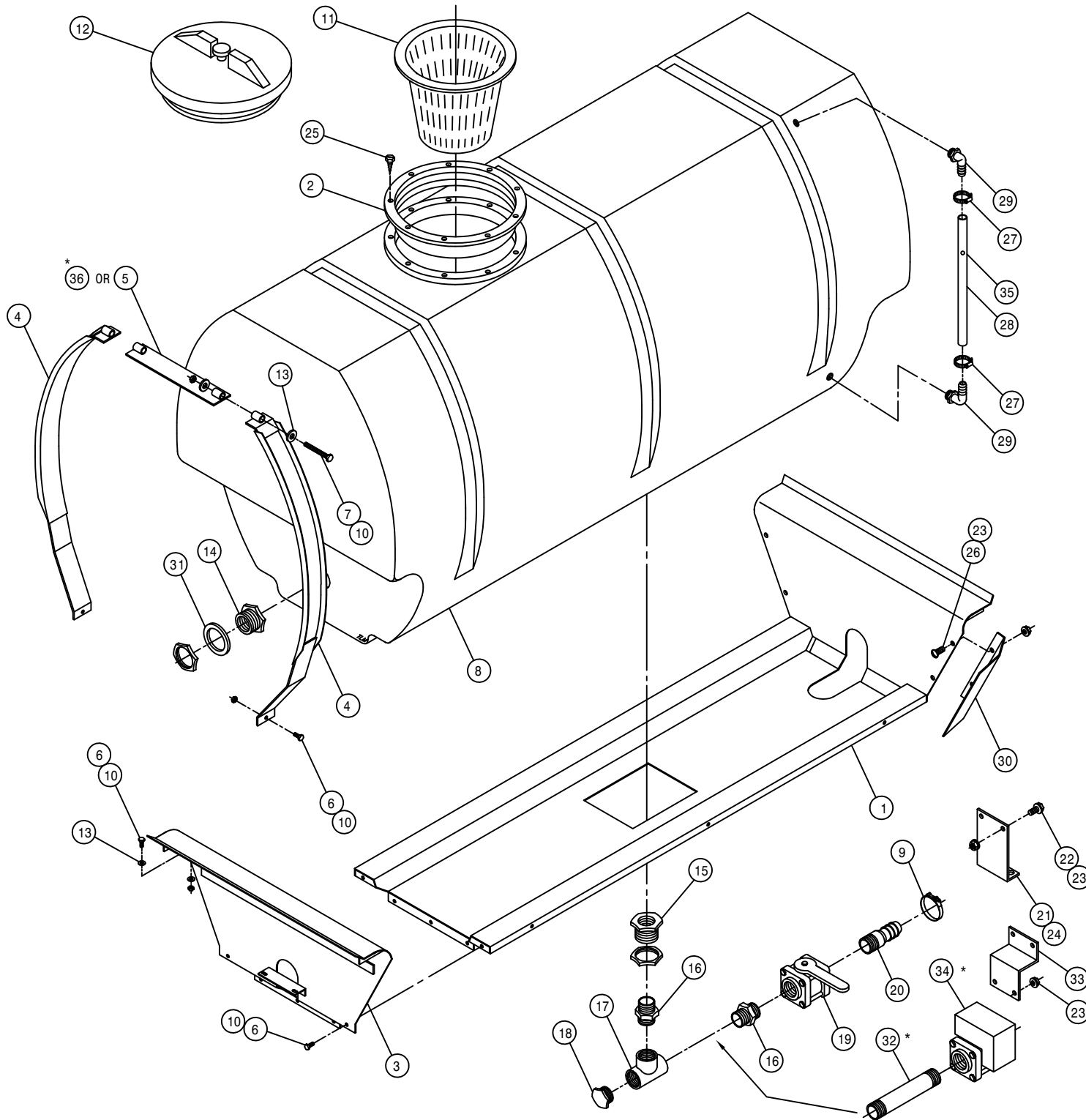


RH POLY 400 GALLON SOLUTION TANK ASSEMBLY

| 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   |
| 9    | 1   | 520133   | 1.81/2.06 T-BOLT HOSE CLAMP   |
| 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   | 618604   | 1.50 PLASTIC FTG ASSY-POLYTNK |
| 16   | 2   | 500028   | 1 1/2NPT PIPE NIPPLE, POLY    |
| 17   | 1   | 500030   | 1 1/2"NPT PIPE TEE, POLY      |
| 18   | 1   | 500031   | 1 1/2NPT PIPE PLUG, POLY      |
| 19   | 1   | 696110   | BALL VALVE 1 1/2FNPT POLY     |
| 20   | 1   | 500032   | 1 1/2NPT X 1 1/2 H BARB, POLY |
| 21   | 1   | 763363   | SOLU HOSE SUPPORT 280 POLY 91 |
| 22   | 2   | 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, .50 X 42.00 SIGHT GAUGE |
| 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   | 500029   | 1 1/2NPT X 6 PIPE NIPPLE,POLY |
| 33   | 1   | 763445   | ELECT SOLU VLV SUPPORT 94     |
| 34   | 1   | 696161   | 1 1/2NPT ELECT SOLU VALVE     |
| 35   | 1   | 763446   | RED POLYPROPYLENE BALL 25/64" |
| 36   | 3   | 763460   | BAND TIE/WALK MT WLD, 284 95  |

\*NOTE: ITEMS 23,32,33, AND 34 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   | 763434   | POLY TANK CRADLE WELD, 284 94 |
|      | 2   | 763409   | 10" THD'D RING FOR TANK LID   |
|      | 3   | 763340   | REAR POLY CRADLE MT WLD280 90 |
|      | 4   | 763454   | TANK BAND WLD, 284 POLY 95    |
|      | 5   | 763456   | TANK BAND TIE WLD,284 POLY 95 |
|      | 6   | 900129   | 3/8UNC X 1" HEX BOLT          |
|      | 7   | 906138   | 3/8UNC X 3 1/2 HEX BOLT FULL  |
|      | 8   | 763440   | 400 GAL GRAY POLY SOLU TANK   |
|      | 9   | 520133   | 1.81/2.06 T-BOLT HOSE CLAMP   |
|      | 10  | 914004   | 3/8UNC HEX STOVER NUT         |
|      | 11  | 763431   | 8" STRAINER BASKET, SOLU TANK |
|      | 12  | 763408   | LID, THD'D W/VENT, POLY TANK  |
|      | 13  | 920002   | 3/8 SAE FLAT WASHER           |
|      | 14  | 618548   | 1.25 PLASTIC FTG ASSY POLYTNK |
|      | 15  | 618604   | 1.50 PLASTIC FTG ASSY-POLYTNK |
|      | 16  | 500028   | 1 1/2NPT PIPE NIPPLE, POLY    |
|      | 17  | 500030   | 1 1/2"NPT PIPE TEE, POLY      |
|      | 18  | 500031   | 1 1/2NPT PIPE PLUG, POLY      |
|      | 19  | 696110   | BALL VALVE 1 1/2FNPT POLY     |
|      | 20  | 500032   | 1 1/2NPT X 1 1/2 H BARB, POLY |
|      | 21  | 763363   | SOLU HOSE SUPPORT 280 POLY 91 |
|      | 22  | 470118   | 1/4UNC X 3/4 FLANGE HEX BOLT  |
|      | 23  | 470121   | 1/4UNC HEX FLANGE LOCK NUT    |
|      | 24  | 470000   | CABLE TIE, 21" BLACK PLASTIC  |
|      | 25  | 763410   | S.S. SCREW FOR CAP RING       |
|      | 26  | 472269   | 1/4UNC X 1/2 TRUSS HD BOLT    |
|      | 27  | 520069   | HOSE CLAMP NO 6 STAINLESS     |
|      | 28  | 601245   | HOSE, .50 X 42.00 SIGHT GAUGE |
|      | 29  | 618556   | 1/4NPT-90-1/2 HOSE BARB,POLY  |
|      | 30  | 763437   | LH SIGHT GAGE SHLD,POLY284 94 |
|      | 31  | 763430   | 1 1/4 TANK FLANGE RUBBER SEAL |
|      | 32  | 500029   | 1 1/2NPT X 6 PIPE NIPPLE,POLY |
|      | 33  | 763445   | ELECT SOLU VLV SUPPORT 94     |
|      | 34  | 696161   | 1 1/2NPT ELECT SOLU VALVE     |
|      | 35  | 763446   | RED POLYPROPYLENE BALL 25/64" |
|      | 36  | 763460   | BAND TIE/WALK MT WLD, 284 95  |

\*NOTE: ITEMS 23,32,33, AND 34 ARE USED WITH THE ELECTRIC SOLUTION VALVE OPTION.

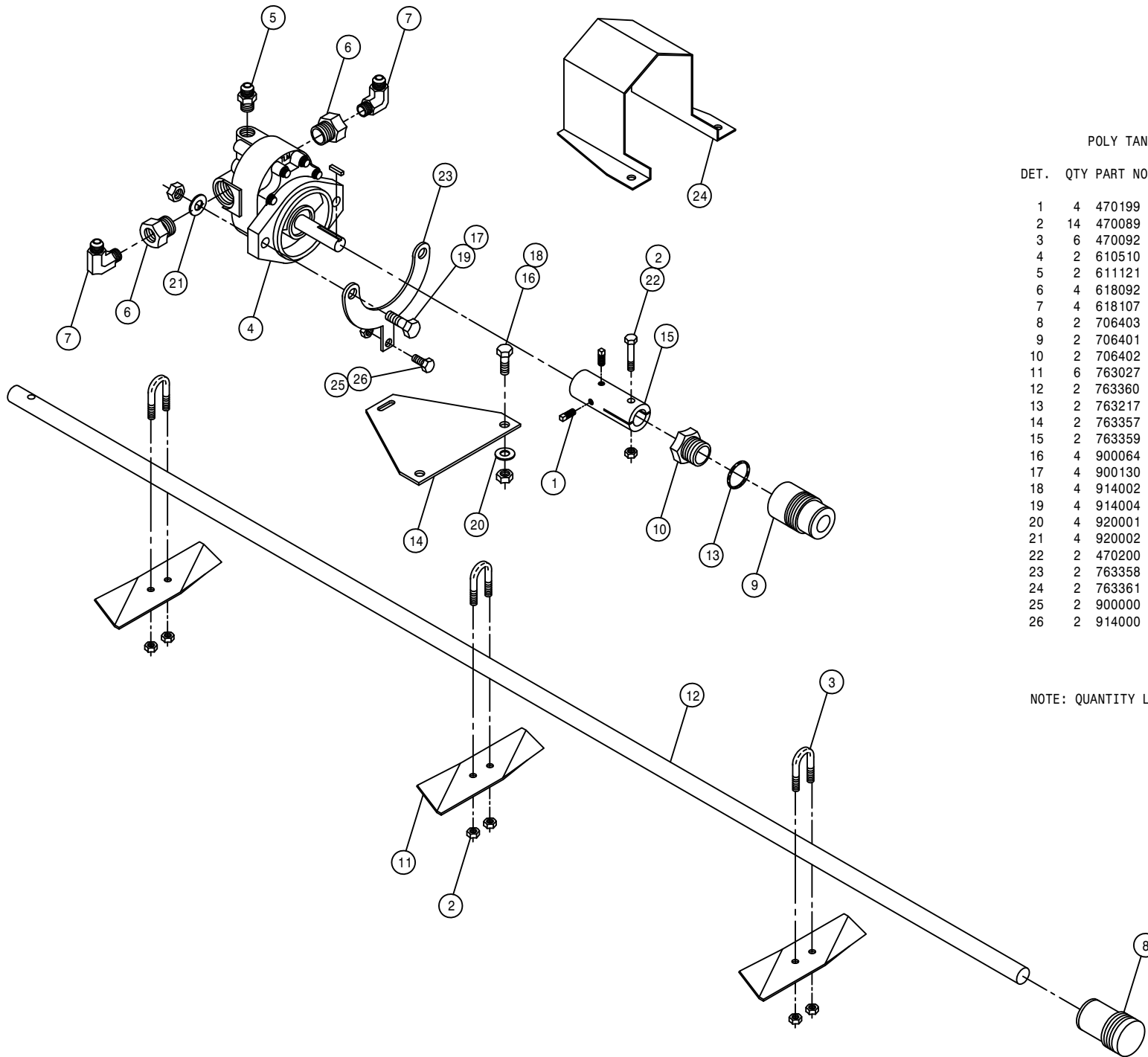
ITEM 36 IS USED WITH THE NARROW TREAD OPTION.

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.

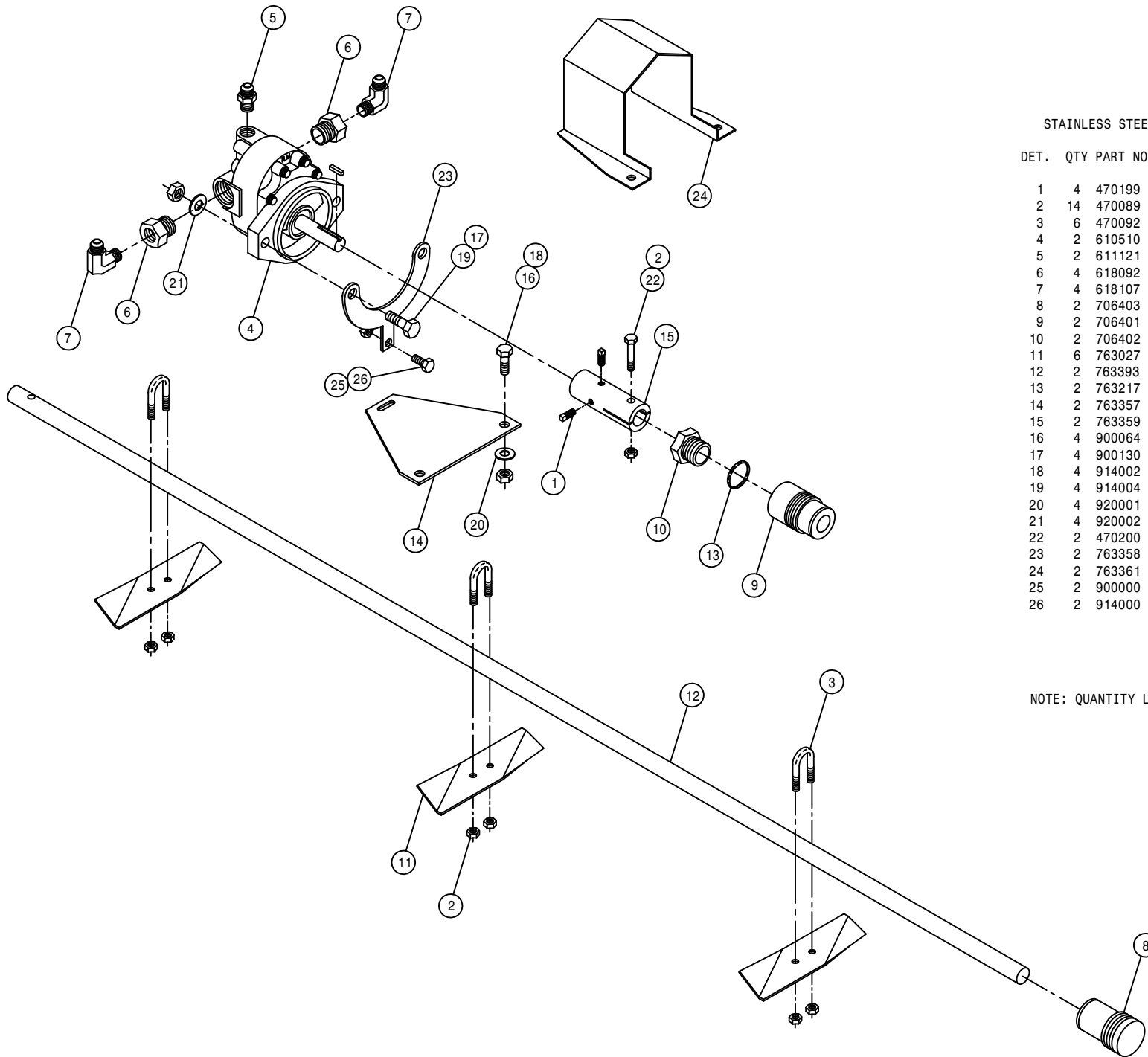


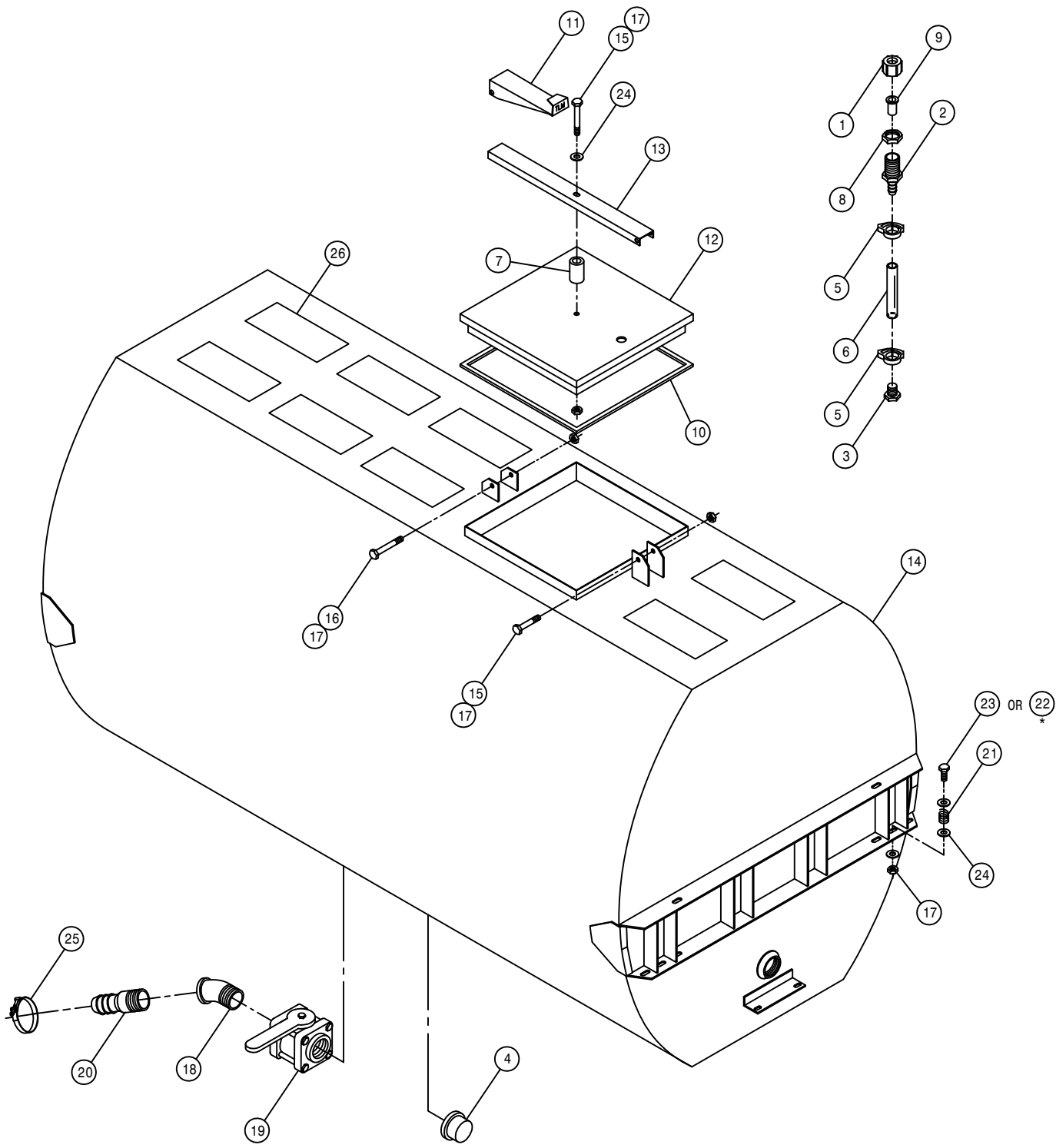
STAINLESS STEEL TANK AGITATOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |    |        |                               |    |
|----|----|--------|-------------------------------|----|
| 1  | 4  | 470199 | 1/4UNC X 3/8 SQHD CUP SET SCR |    |
| 2  | 14 | 470089 | 1/4UNC HEX LOC NUT NYL INS SS |    |
| 3  | 6  | 470092 | 1/4UNC-3/4ID-1 1/4 U-BOLT SS  |    |
| 4  | 2  | 610510 | CESSNA GEAR MOTOR 1.48CI      |    |
| 5  | 2  | 611121 | 9/16MJIC-1/4MNPT ADPTR        |    |
| 6  | 4  | 618092 | 1 1/16MOR-1/2FNPT ADPTR       |    |
| 7  | 4  | 618107 | 9/16MJIC-90-1/2MNPT LBO       |    |
| 8  | 2  | 706403 | FRT AGIT SHFT BRG, NYLON      |    |
| 9  | 2  | 706401 | REAR AGIT SHFT BRG, NYLON     |    |
| 10 | 2  | 706402 | AGIT SHFT GLAND NUT, NYLON    |    |
| 11 | 6  | 763027 | AGIT IMPELLER                 |    |
| 12 | 2  | 763393 | AGIT SHAFT 250                | 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.

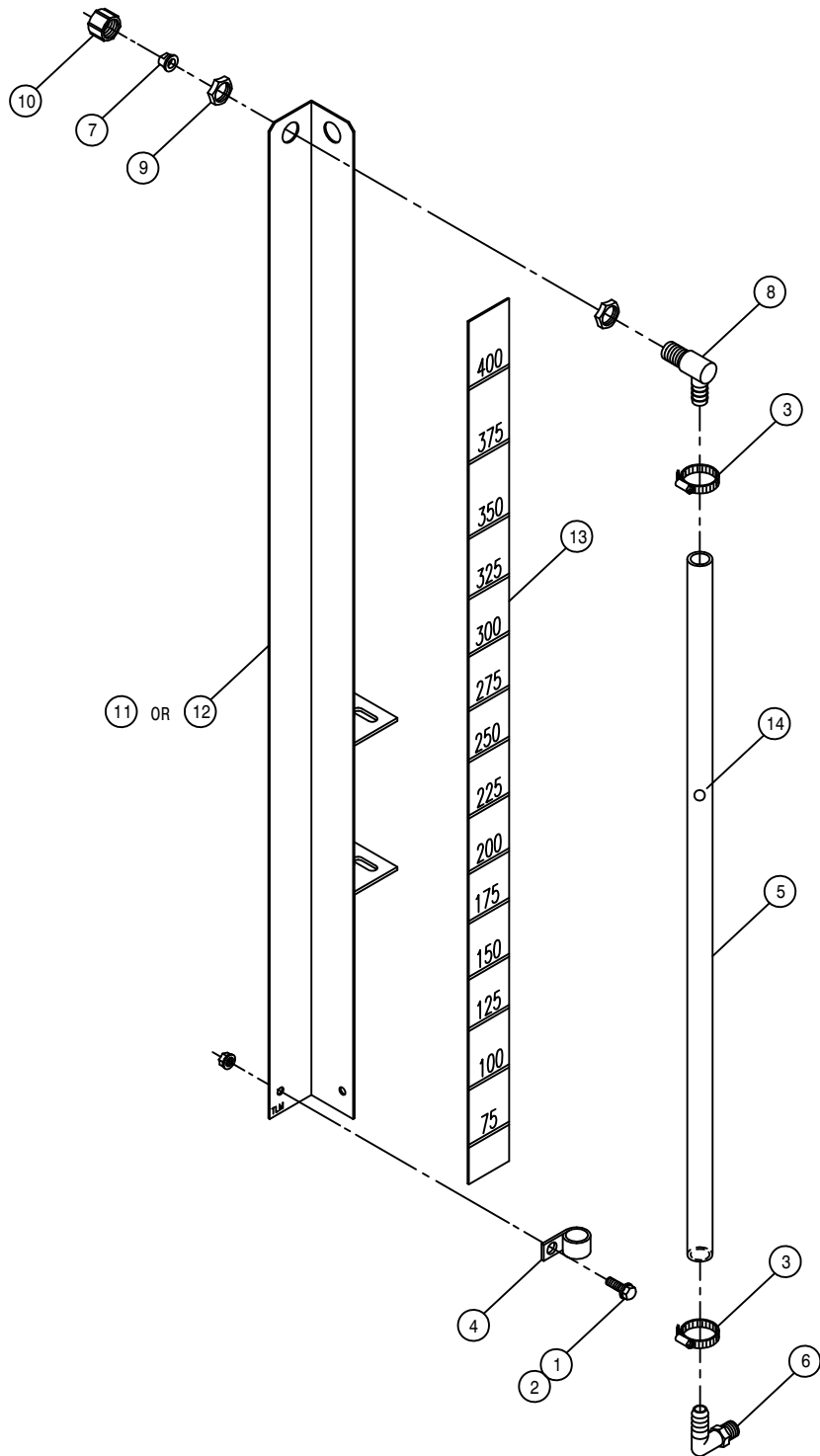




STAINLESS STEEL SOLUTION TANK ASSEMBLY

| 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 HI PRESS 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   |
| 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

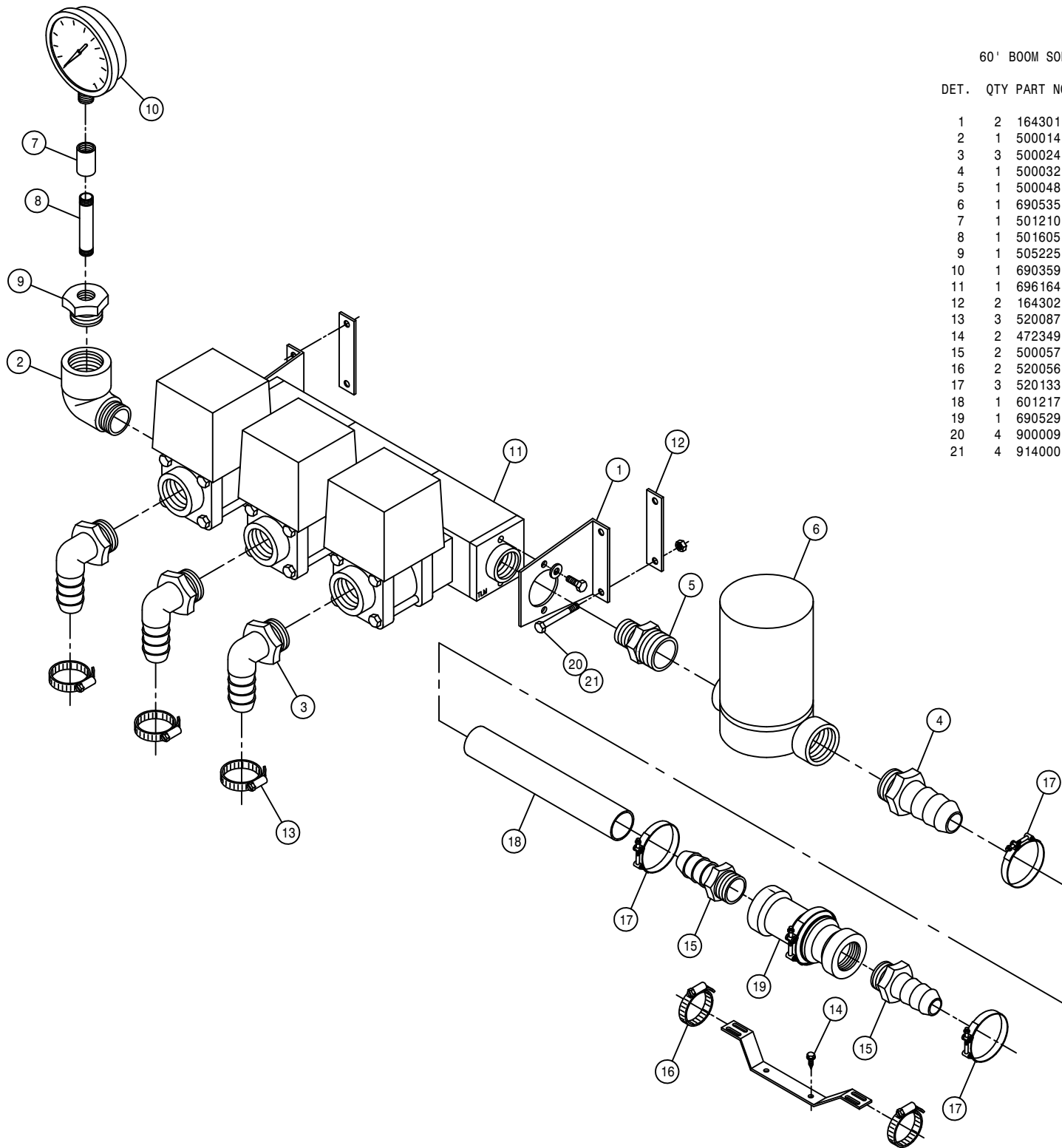
DET. QTY PART NO. DESCRIPTION

|    |   |        |                               |
|----|---|--------|-------------------------------|
| 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 SIGHT GAUGE    |
| 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' BOOM SOLUTION SOLENOID ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                           |
|------|-----|----------|---------------------------------------|
|      | 1   | 2        | 164301 SOLU VLV MANIFOLD MT 97        |
|      | 2   | 1        | 500014 1"NPT-90 ST EL, POLY           |
|      | 3   | 3        | 500024 1"NPT-90-1"HOSE BARB, POLY     |
|      | 4   | 1        | 500032 1 1/2NPT X 1 1/2 H BARB, POLY  |
|      | 5   | 1        | 500048 1 1/2X1"NPT REDU NIPPLE, POLY  |
|      | 6   | 1        | 690535 CONTROL VALVE, 1 1/2"POLY,RAVN |
|      | 7   | 1        | 501210 BLK PIPE CPLG .25NPT           |
|      | 8   | 1        | 501605 BLK PIPE NIPPLE .25NPT-3.00    |
|      | 9   | 1        | 505225 1"-1/4"NPT REDU BUSH, POLY     |
|      | 10  | 1        | 690359 PRESSURE GA GLYCERI 100 PSI    |
|      | 11  | 1        | 696164 SOLU VLV ASSY, 3-SECT 1"NPT    |
|      | 12  | 2        | 164302 SOLU VLV MANIFOLD MT KEEPER97  |
|      | 13  | 3        | 520087 HOSE CLAMP NO 20 STAINLESS     |
|      | 14  | 2        | 472349 1/4 X 3/4 20THD-IN TEK TYPE    |
|      | 15  | 2        | 500057 2"NPT X 1 1/2 H BARB, POLY     |
|      | 16  | 2        | 520056 HOSE CLAMP NO 56 STAINLESS     |
|      | 17  | 3        | 520133 1.81/2.06 T-BOLT HOSE CLAMP    |
|      | 18  | 1        | 601217 HOSE, 1 1/2 X 24 2F-1W EPDM    |
|      | 19  | 1        | 690529 RFM 100 FLOW METER, RAVN       |
|      | 20  | 4        | 900009 1/4UNC X 2 3/4 HEX BOLT        |
|      | 21  | 4        | 914000 1/4UNC HEX STOVER NUT          |

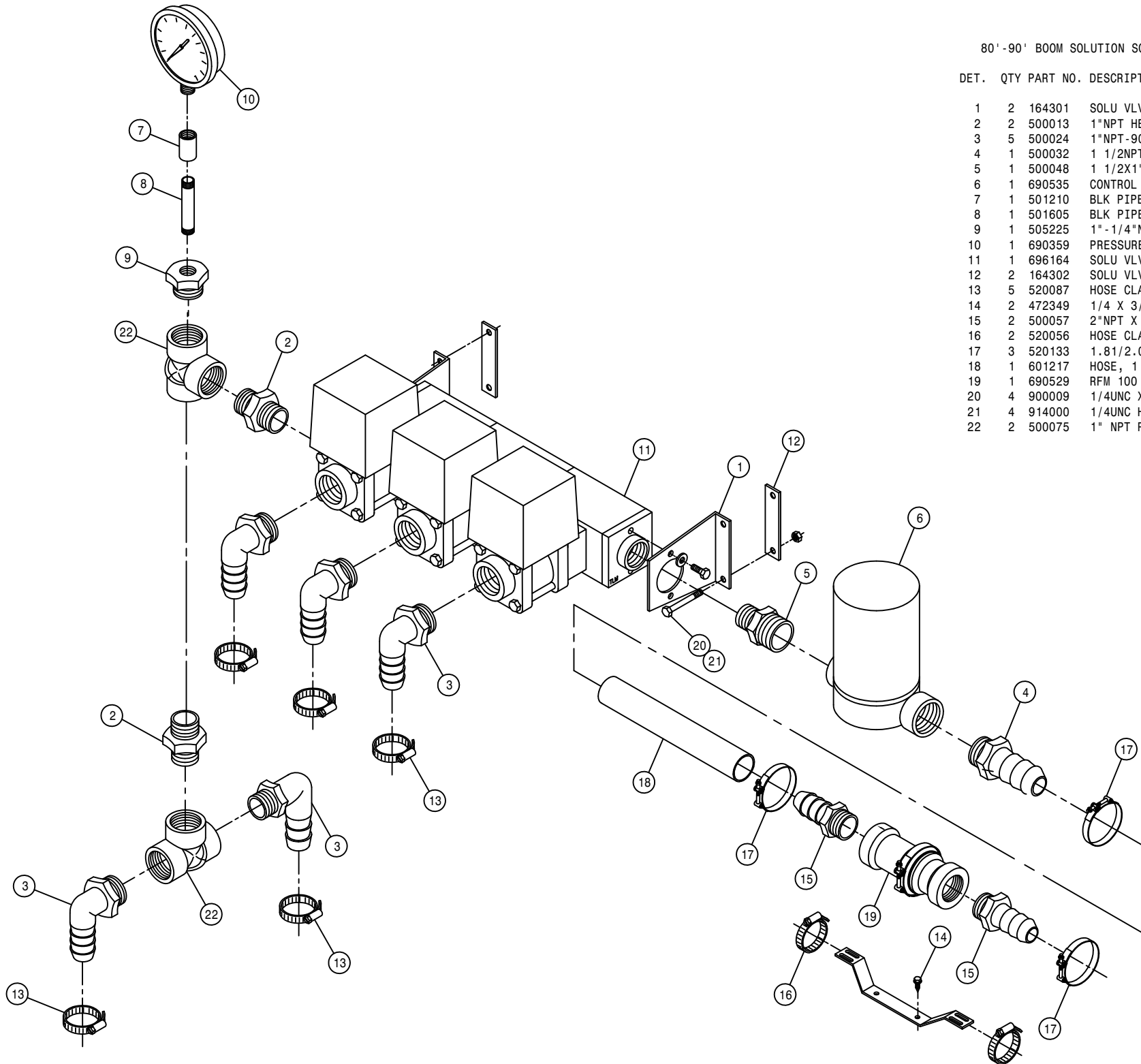




80'-90' BOOM SOLUTION SOLENOID ASSEMBLY

DET. QTY PART NO. DESCRIPTION

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 2   | 164301   | SOLU VLV MANIFOLD MT 97       |
| 2    | 2   | 500013   | 1"NPT HEX PIPE NIPPLE, POLY   |
| 3    | 5   | 500024   | 1"NPT-90-1"HOSE BARB, POLY    |
| 4    | 1   | 500032   | 1 1/2NPT X 1 1/2 H BARB, POLY |
| 5    | 1   | 500048   | 1 1/2X1"NPT REDU NIPPLE, POLY |
| 6    | 1   | 690535   | CONTROL VALVE,1 1/2"POLY,RAVN |
| 7    | 1   | 501210   | BLK PIPE CPLG .25NPT          |
| 8    | 1   | 501605   | BLK PIPE NIPPLE .25NPT-3.00   |
| 9    | 1   | 505225   | 1"-1/4"NPT REDU BUSH, POLY    |
| 10   | 1   | 690359   | PRESSURE GA GLYCERI 100 PSI   |
| 11   | 1   | 696164   | SOLU VLV ASSY,3-SECT 1"NPT    |
| 12   | 2   | 164302   | SOLU VLV MANIFOLD MT KEEPER97 |
| 13   | 5   | 520087   | HOSE CLAMP NO 20 STAINLESS    |
| 14   | 2   | 472349   | 1/4 X 3/4 20THD-IN TEK TYPE   |
| 15   | 2   | 500057   | 2"NPT X 1 1/2 H BARB, POLY    |
| 16   | 2   | 520056   | HOSE CLAMP NO 56 STAINLESS    |
| 17   | 3   | 520133   | 1.81/2.06 T-BOLT HOSE CLAMP   |
| 18   | 1   | 601217   | HOSE, 1 1/2 X 24 2F-1W EPDM   |
| 19   | 1   | 690529   | RFM 100 FLOW METER, RAVEN     |
| 20   | 4   | 900009   | 1/4UNC X 2 3/4 HEX BOLT       |
| 21   | 4   | 914000   | 1/4UNC HEX STOVER NUT         |
| 22   | 2   | 500075   | 1" NPT PIPE TEE, POLY         |

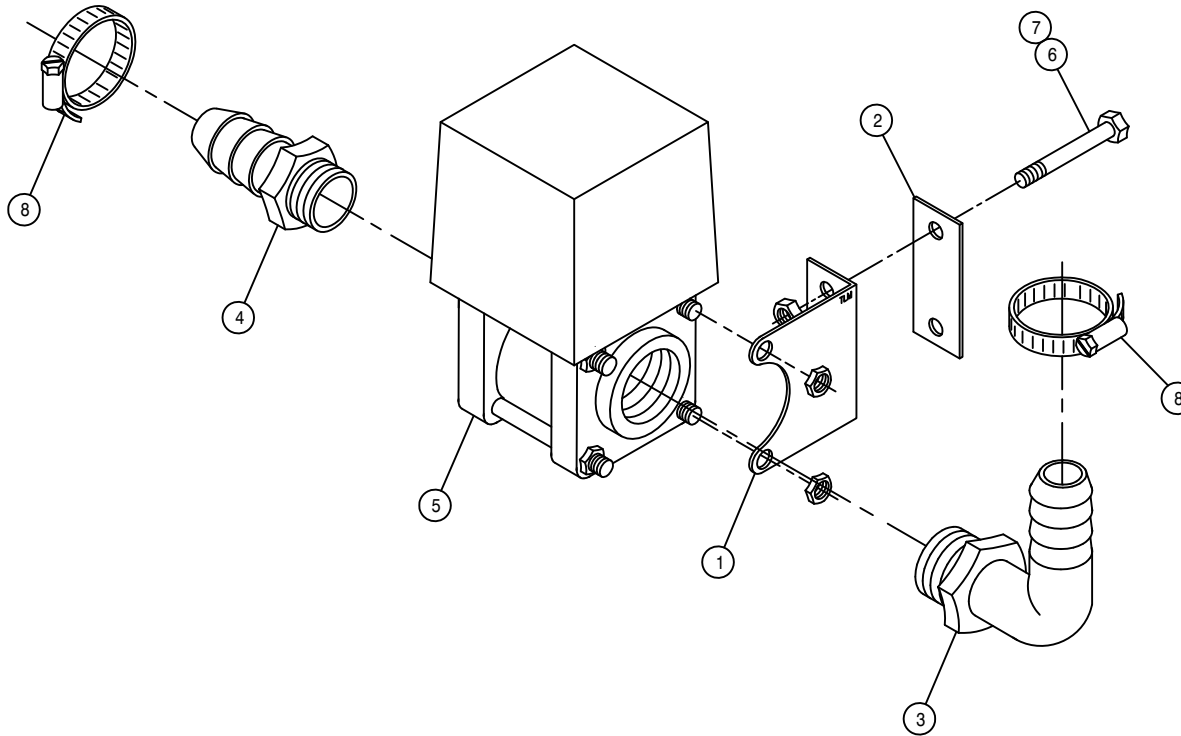


80' -90' OUTER BOOM SOLUTION SOLENOID

DET. QTY PART NO. DESCRIPTION

|   |   |        |                               |    |
|---|---|--------|-------------------------------|----|
| 1 | 2 | 164303 | SOLU VLV MT                   | 97 |
| 2 | 2 | 164304 | SOLU VLV MT KEEPER            | 97 |
| 3 | 2 | 500024 | 1"NPT-90-1"HOSE BARB, POLY    |    |
| 4 | 2 | 500074 | 1"NPT-1" HOSE BARB, POLY      |    |
| 5 | 2 | 696162 | 1" ELECT BALL VLV, 344AEC-2-1 |    |
| 6 | 4 | 900007 | 1/4UNC X 2" HEX BOLT          |    |
| 7 | 4 | 914000 | 1/4UNC HEX STOVER NUT         |    |
| 8 | 4 | 520087 | HOSE CLAMP NO 20 STAINLESS    |    |

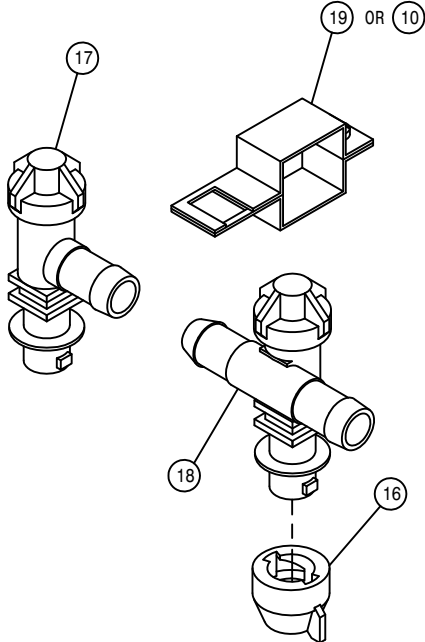
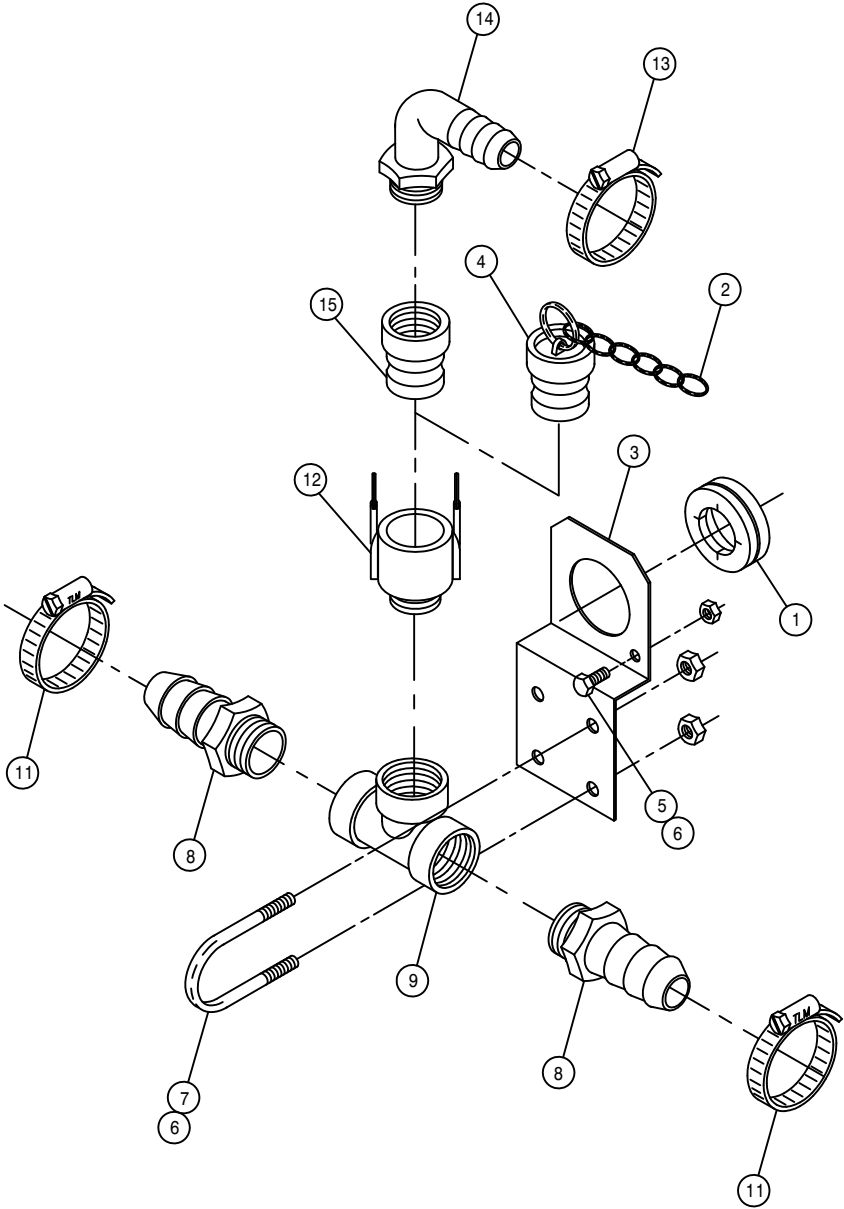
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

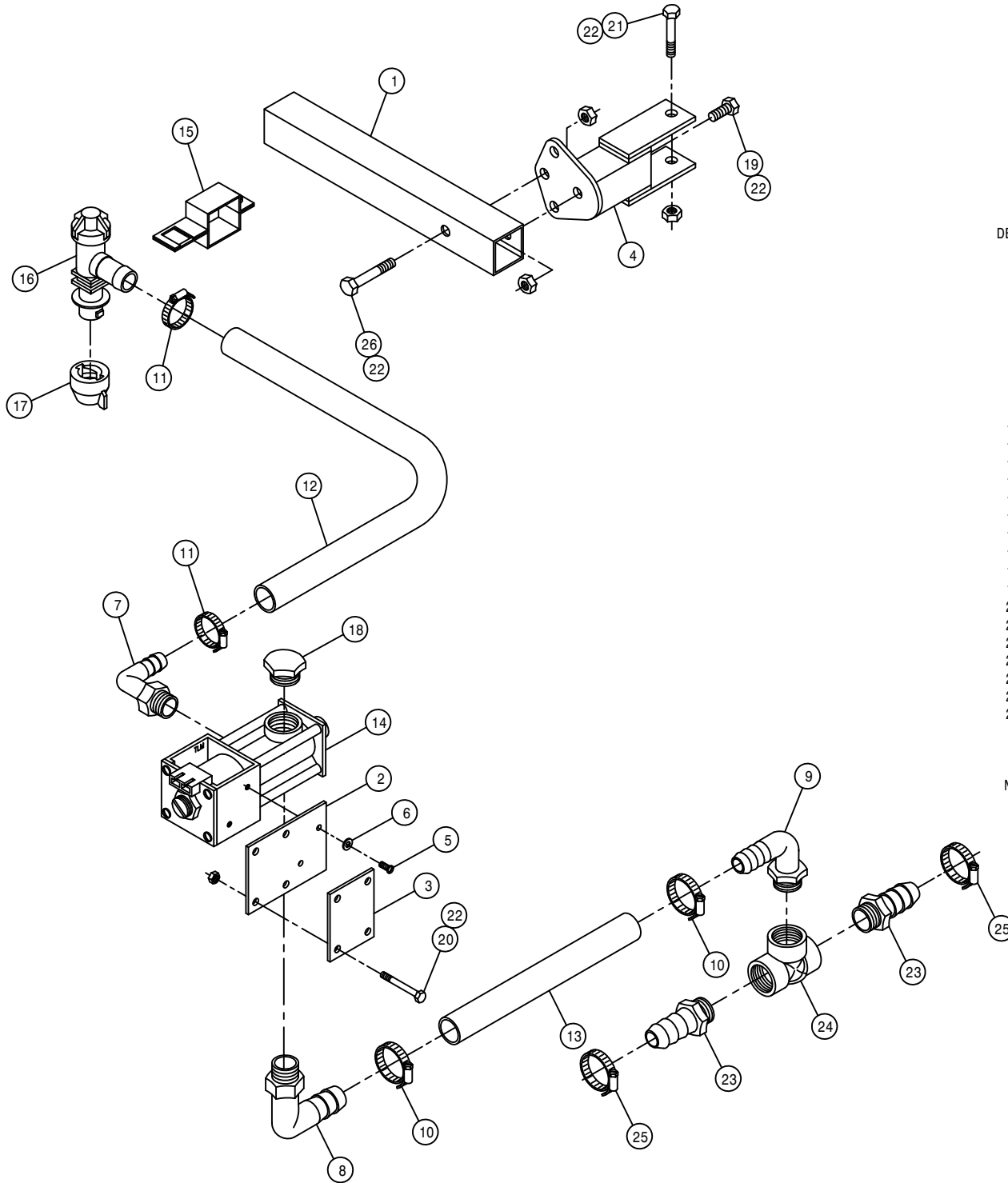


BOOM FEEDER TEE ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |   |        |                                |
|----|---|--------|--------------------------------|
| 1  | 1 | 160015 | 2.06ID GROMMET SLIT            |
| 2  | 1 | 160986 | CHAIN, 12.00 LONG              |
| 3  | 1 | 164262 | FEEDER T MTG BRKT 96           |
| 4  | 1 | 696204 | QUICK CONNECT PLUG, 3/4        |
| 5  | 1 | 900002 | 1/4UNC X 3/4 HEX BOLT          |
| 6  | 5 | 914000 | 1/4UNC HEX STOVER NUT          |
| 7  | 2 | 470237 | 1/4UNC-1 1/2ID-3 1/4 U-BOLT    |
| 8  | 2 | 500022 | 3/4NPT-3/4HOSE BARB, POLY      |
| 9  | 1 | 505218 | 3/4 NPT PIPE TEE, POLY         |
| 10 | 1 | 737817 | NOZL MT CLMP,1.00 SQ SS,Q-TJET |
| 11 | 2 | 520055 | HOSE CLAMP NO 12 STAINLESS     |
| 12 | 1 | 696203 | QUICK CONNECT CPLR MALE 3/4    |
| 13 | 1 | 520087 | HOSE CLAMP NO 20 STAINLESS     |
| 14 | 1 | 500026 | 3/4NPT-90-1"HOSE BARB, POLY    |
| 15 | 1 | 696202 | QUICK CONNECT FEM ADPTR 3/4NP  |
| 16 | 1 | 737822 | QUICK TEEJET CAP YELLOW 19115  |
| 17 | 1 | 737829 | QUICK TJET EL BODY DIAPH .75   |
| 18 | 1 | 737830 | QUICK TJET TEE BODY DIAPH .75  |
| 19 | 1 | 737832 | NOZL MT CLMP,1.25 SQ,SS Q-TJET |



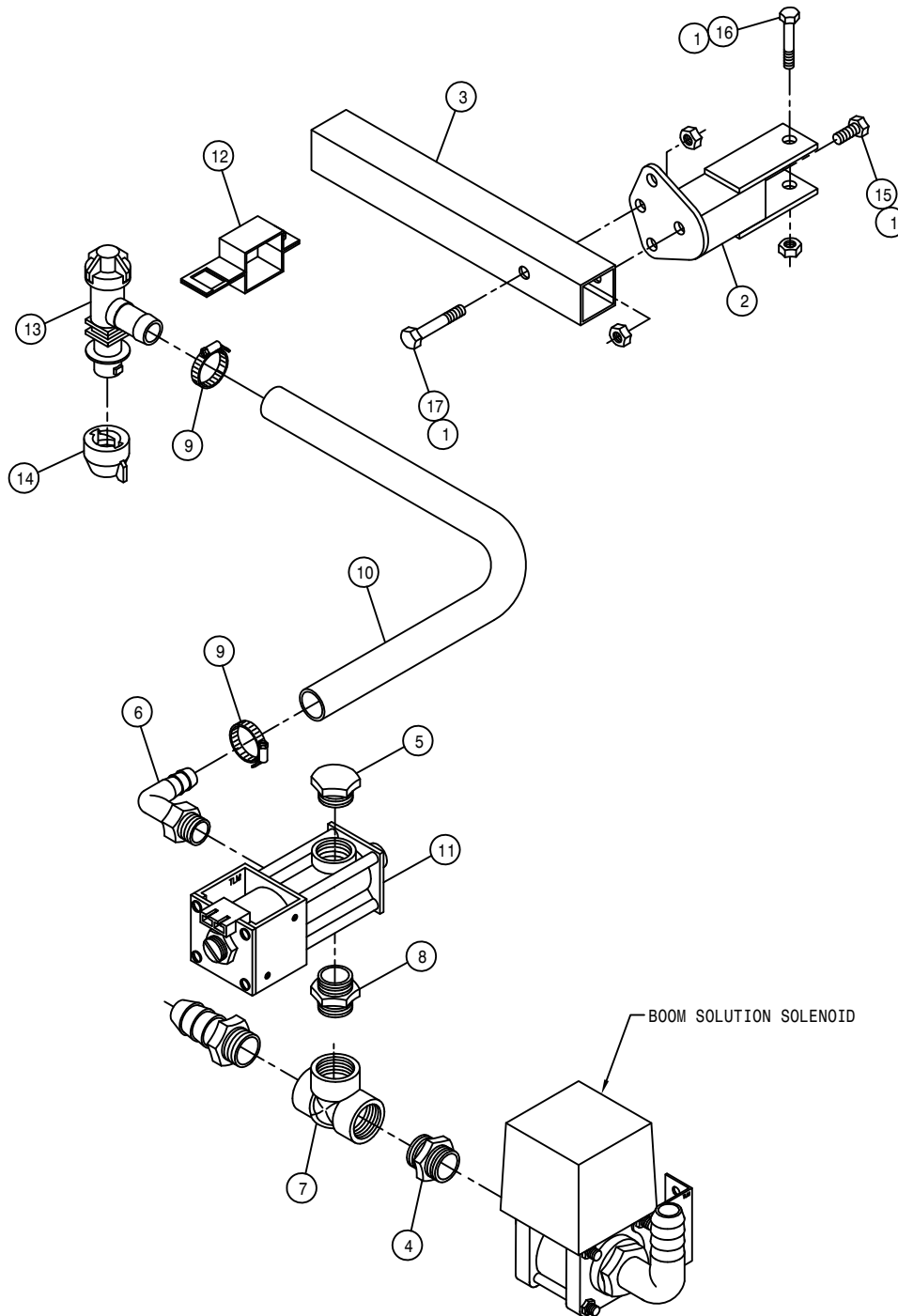


60' BOOM FENCE ROW OPTION

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  | 601164 | HOSE, 1/2 X 117 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 | QUICK TEEJET CAP YELLOW 19115  |        |
| 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.



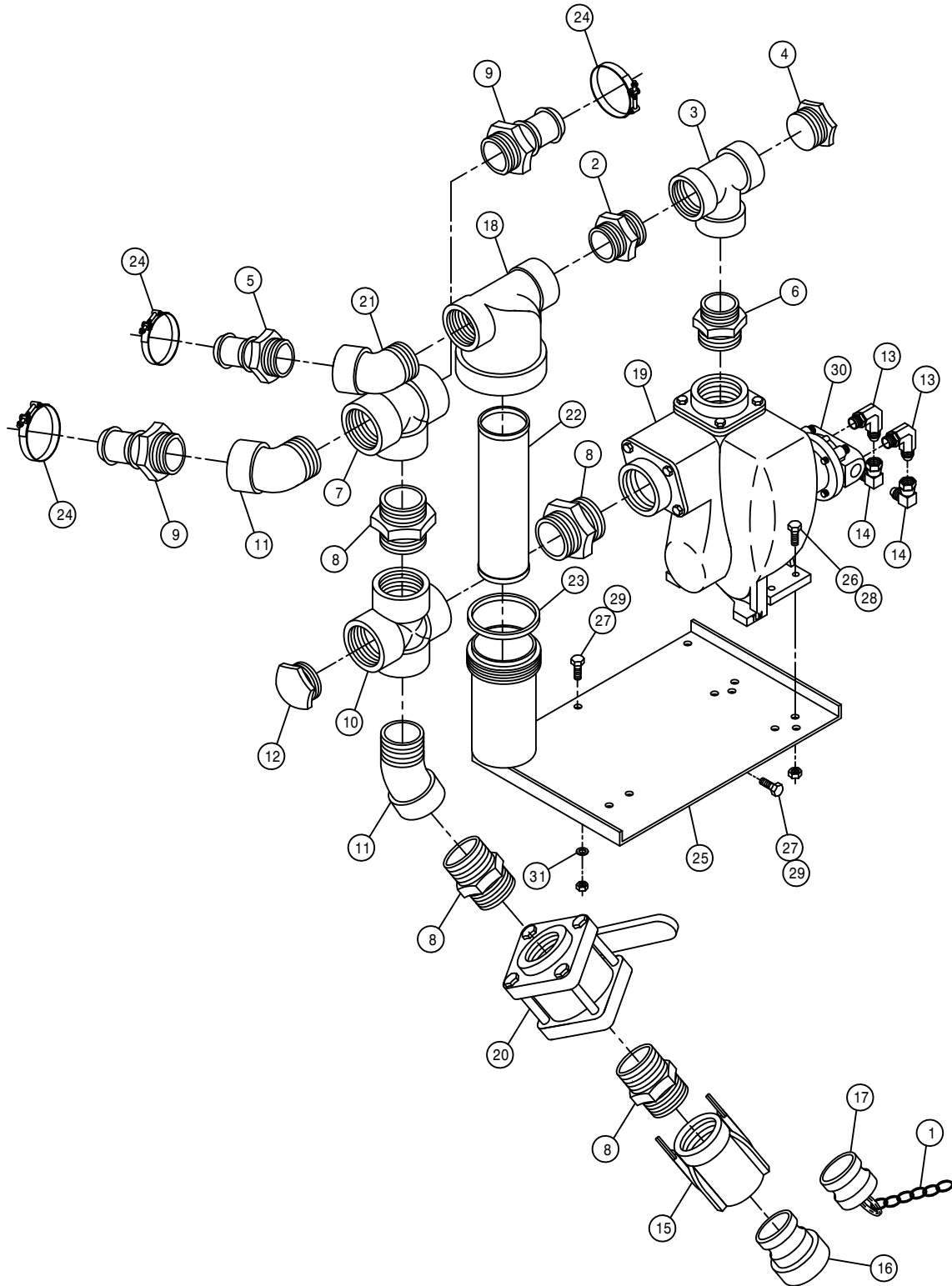
80''-90' BOOM FENCE ROW OPTION

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 | 500013 | 1"NPT HEX PIPE NIPPLE, POLY    |
| 5  | 5 | 500043 | 3/4NPT PIPE PLUG, POLY         |
| 6  | 2 | 500047 | 1/2NPT-90-1/2 HOSE BARB, POLY  |
| 7  | 2 | 500075 | 1" NPT PIPE TEE, POLY          |
| 8  | 2 | 500085 | 1" X 3/4NPT REDU NIPPLE, POLY  |
| 9  | 4 | 520070 | HOSE CLAMP NO 8 STAINLESS      |
| 10 | 2 | 601167 | HOSE, 1/2 X 300 1BR BLK EPDM   |
| 11 | 2 | 695952 | SOLUTION VALVE, AA144-1 VITON  |
| 12 | 2 | 737817 | NOZL MT CLMP,1.00 SQ SS,Q-TJET |
| 13 | 2 | 737827 | QUICK TEEJET CHK VLV 1/2 SNGL  |
| 14 | 2 | 737822 | QUICK TEEJET CAP YELLOW 19115  |
| 15 | 2 | 900002 | 1/4UNC X 3/4 HEX BOLT          |
| 16 | 2 | 900006 | 1/4UNC X 1 3/4 HEX BOLT        |
| 17 | 2 | 900005 | 1/4UNC X 1 1/2 HEX BOLT        |

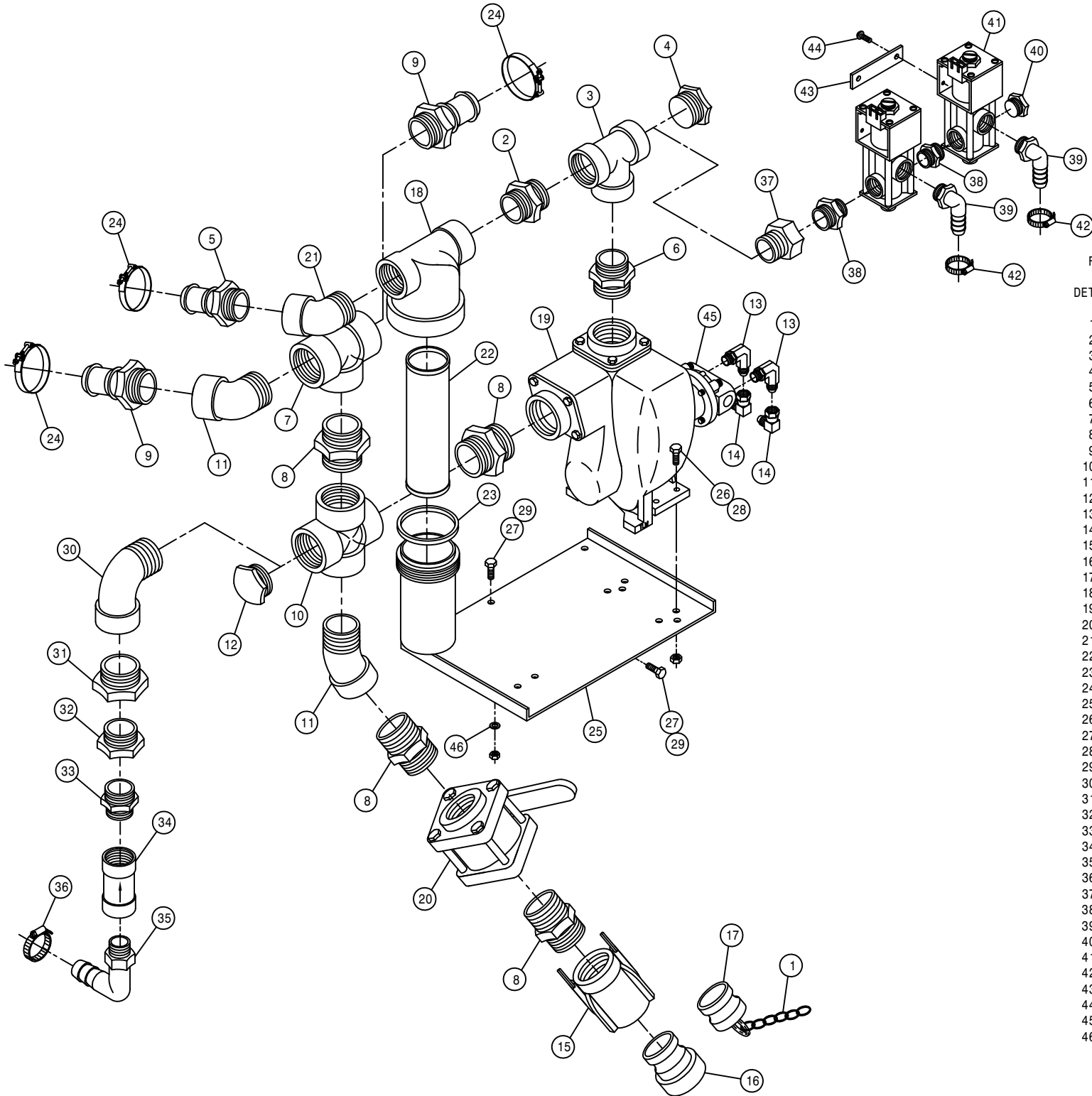
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

BOOM SOLUTION SOLENOID



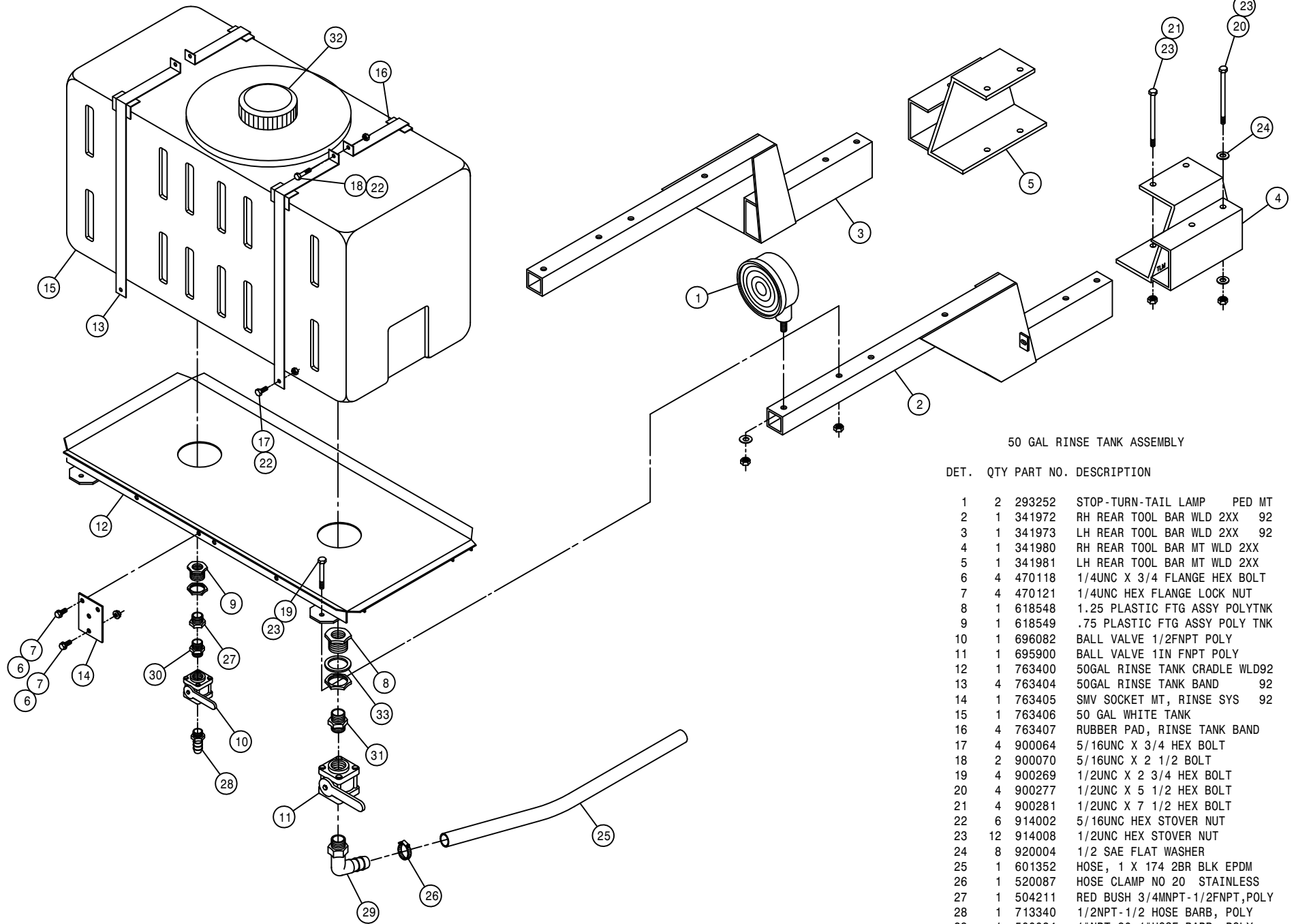
FLOMAX SOLUTION PUMP ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
|      | 1   | 160986   | CHAIN, 12.00 LONG             |
|      | 2   | 500028   | 1 1/2NPT PIPE NIPPLE, POLY    |
|      | 3   | 500030   | 1 1/2"NPT PIPE TEE, POLY      |
|      | 4   | 500031   | 1 1/2NPT PIPE PLUG, POLY      |
|      | 5   | 500032   | 1 1/2NPT X 1 1/2 H BARB, POLY |
|      | 6   | 500038   | 2"X 1 1/2NPT REDU NIPPLE,POLY |
|      | 7   | 500055   | 2" NPT PIPE TEE, POLY         |
|      | 8   | 500056   | 2" NPT CLOSE HEX NIPPLE, POLY |
|      | 9   | 500057   | 2"NPT X 1 1/2 H BARB, POLY    |
|      | 10  | 500060   | 2"FNPT CROSS, POLY            |
|      | 11  | 500061   | 2"NPT-45 ST EL, POLY          |
|      | 12  | 500065   | 2"NPT PIPE PLUG, POLY         |
|      | 13  | 618241   | 3/4MJIC-90-3/4MOR LBO         |
|      | 14  | 618609   | 3/4MJIC-90-3/4FJIC SWIV LBO   |
|      | 15  | 690390   | 2.00 FEMALE NPT COUPLER       |
|      | 16  | 690391   | 2.00 FEMALE NPT ADPTR         |
|      | 17  | 690392   | ADPTR PLG FOR 2.00 NPT COUPLR |
|      | 18  | 690474   | 1 1/2 LINE STRAINER50M 150PSI |
|      | 19  | 690552   | FLOMAX 8, 2" PUMP             |
|      | 20  | 696134   | BALL VALVE 2IN FNPT POLY      |
|      | 21  | 500035   | 1 1/2NPT-45 ST EL, POLY       |
|      | 22  | 690475   | 50 MESH SCREEN FOR 690474     |
|      | 23  | 690476   | STRAINER GASKET FOR 690474    |
|      | 24  | 520133   | 1.81/2.06 T-BOLT HOSE CLAMP   |
|      | 25  | 690530   | 2" SOLU PUMP MT WLD           |
|      | 26  | 900066   | 5/16UNC X 1 1/4 HEX BOLT      |
|      | 27  | 900129   | 3/8UNC X 1" HEX BOLT          |
|      | 28  | 914002   | 5/16UNC HEX STOVER NUT        |
|      | 29  | 914004   | 3/8UNC HEX STOVER NUT         |
|      | 30  | 690573   | HYD MOTOR, FLOMAX HI-SPEED    |
|      | 31  | 920002   | 3/8 SAE FLAT WASHER           |



FLOMAX SOLUTION PUMP ASSEMBLY WITH RINSE

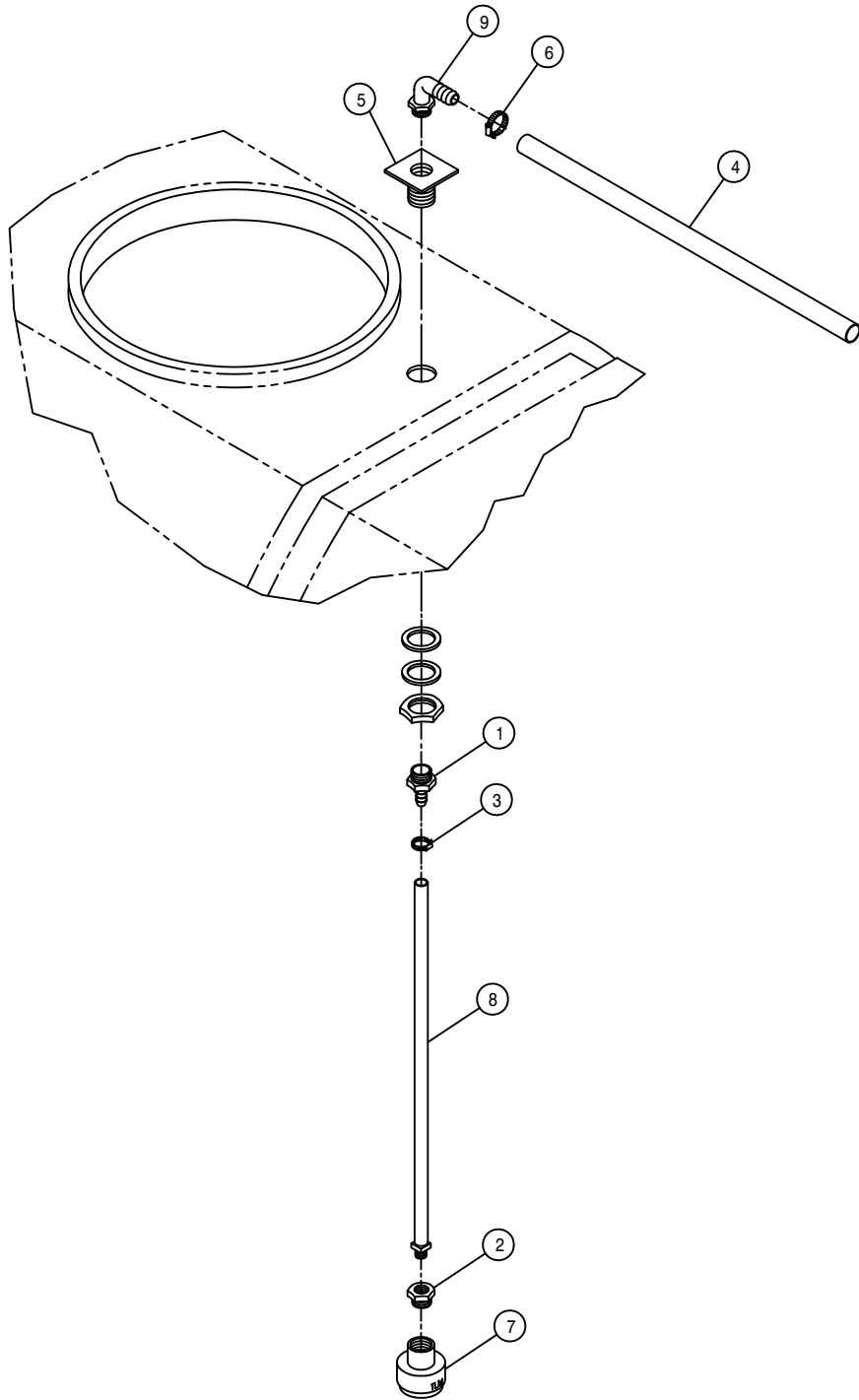
| DET. | QTY | PART NO. | DESCRIPTION                     |
|------|-----|----------|---------------------------------|
| 1    | 1   | 160986   | CHAIN, 12.00 LONG               |
| 2    | 1   | 500028   | 1 1/2NPT PIPE NIPPLE, POLY      |
| 3    | 1   | 500030   | 1 1/2"NPT PIPE TEE, POLY        |
| 4    | 1   | 500031   | 1 1/2NPT PIPE PLUG, POLY        |
| 5    | 1   | 500032   | 1 1/2NPT X 1 1/2" H BARB, POLY  |
| 6    | 1   | 500038   | 2" X 1 1/2NPT REDU NIPPLE, POLY |
| 7    | 1   | 500055   | 2" NPT PIPE TEE, POLY           |
| 8    | 4   | 500056   | 2" NPT CLOSE HEX NIPPLE, POLY   |
| 9    | 2   | 500057   | 2"NPT X 1 1/2" H BARB, POLY     |
| 10   | 1   | 500060   | 2"FNPT CROSS, POLY              |
| 11   | 2   | 500061   | 2"NPT-45 ST EL, POLY            |
| 12   | 1   | 500065   | 2"NPT PIPE PLUG, POLY           |
| 13   | 2   | 618241   | 3/4MJIC-90-3/4MOR LBO           |
| 14   | 2   | 618609   | 3/4MJIC-90-3/4FJIC SWIV LBO     |
| 15   | 1   | 690390   | 2.00 FEMALE NPT COUPLER         |
| 16   | 1   | 690391   | 2.00 FEMALE NPT ADPTR           |
| 17   | 1   | 690392   | ADPTR PLG FOR 2.00 NPT COUPLR   |
| 18   | 1   | 690474   | 1 1/2 LINE STRAINER50M 150PSI   |
| 19   | 1   | 690552   | FLOMAX 8, 2" PUMP               |
| 20   | 1   | 696134   | BALL VALVE 2IN FNPT POLY        |
| 21   | 1   | 500035   | 1 1/2NPT-45 ST EL, POLY         |
| 22   | 1   | 690475   | 50 MESH SCREEN FOR 690474       |
| 23   | 1   | 690476   | STRAINER GASKET FOR 690474      |
| 24   | 3   | 520133   | 1.81/2.06 T-BOLT HOSE CLAMP     |
| 25   | 1   | 690530   | 2" SOLU PUMP MT WLD 95          |
| 26   | 4   | 900066   | 5/16UNC X 1 1/4 HEX BOLT        |
| 27   | 3   | 900129   | 3/8UNC X 1" HEX BOLT            |
| 28   | 4   | 914002   | 5/16UNC HEX STOVER NUT          |
| 29   | 3   | 914004   | 3/8UNC HEX STOVER NUT           |
| 30   | 1   | 500053   | 2"NPT-90 ST EL, POLY            |
| 31   | 1   | 500071   | 2" X 1 1/2NPT REDU BUSH, POLY   |
| 32   | 1   | 500037   | 1 1/2"X 1 1/4NPT BUSH, POLY     |
| 33   | 1   | 500052   | 1 1/4 X 1NPT REDU NIPPLE, POLY  |
| 34   | 1   | 690488   | 1.00 CHECK VLV, SPRING LOADED   |
| 35   | 1   | 500024   | 1"NPT-90-1"HOSE BARB, POLY      |
| 36   | 1   | 520087   | HOSE CLAMP NO 20 STAINLESS      |
| 37   | 1   | 500040   | 1 1/2 X 3/4 NPT BUSH, POLY      |
| 38   | 2   | 690098   | 3/4NPT CLOSE NIPPLE, POLY       |
| 39   | 2   | 500047   | 1/2NPT-90-1/2 HOSE BARB, POLY   |
| 40   | 1   | 500043   | 3/4NPT PIPE PLUG, POLY          |
| 41   | 2   | 695952   | SOLUTION VALVE, AA144-1 VITON   |
| 42   | 2   | 520070   | HOSE CLAMP NO 8 STAINLESS       |
| 43   | 1   | 342014   | SOLENOID KEEPER, RINSE SYS      |
| 44   | 2   | 472199   | 10-24 X 1/2 RD HD MACH SCR      |
| 45   | 1   | 690573   | HYD MOTOR, FLOMAX HI-SPEED      |
| 46   | 2   | 920002   | 3/8 SAE FLAT WASHER             |



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 2BR BLK 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 |

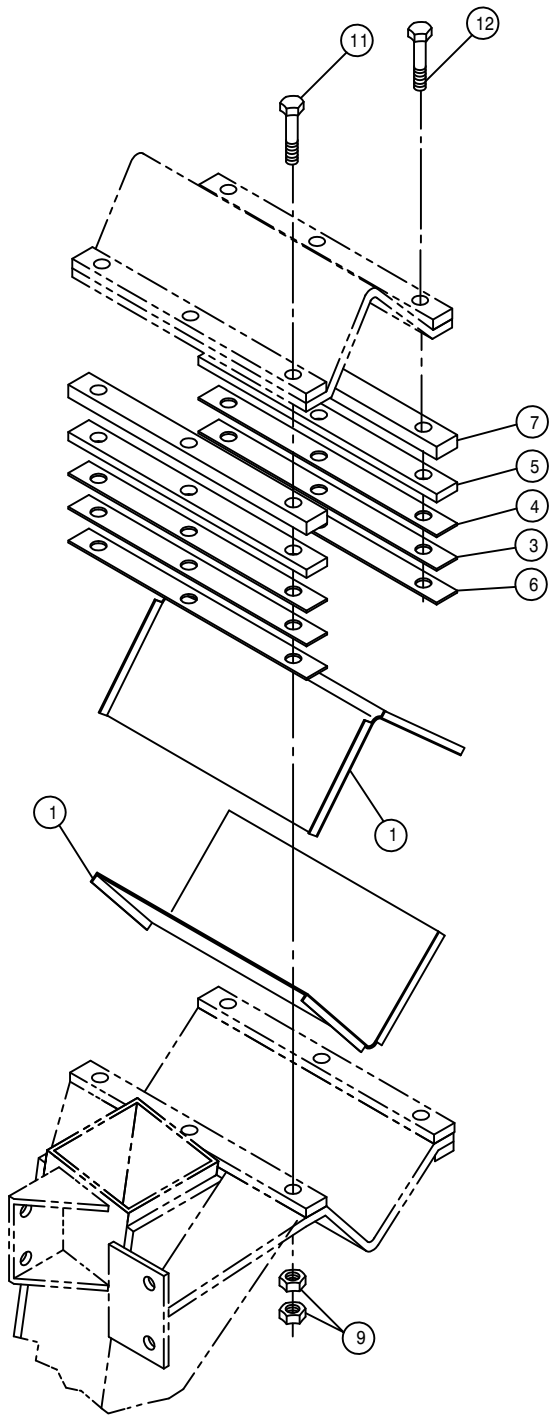




RINSE NOZZLE ASSEMBLY

| 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.

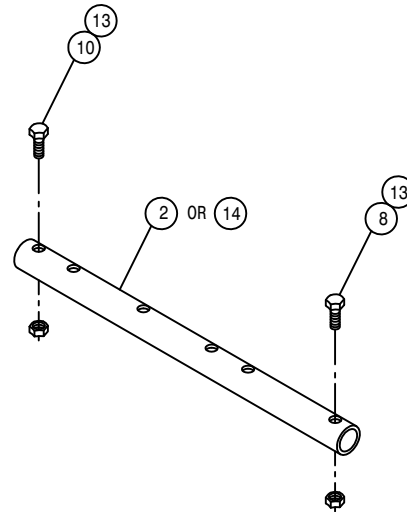


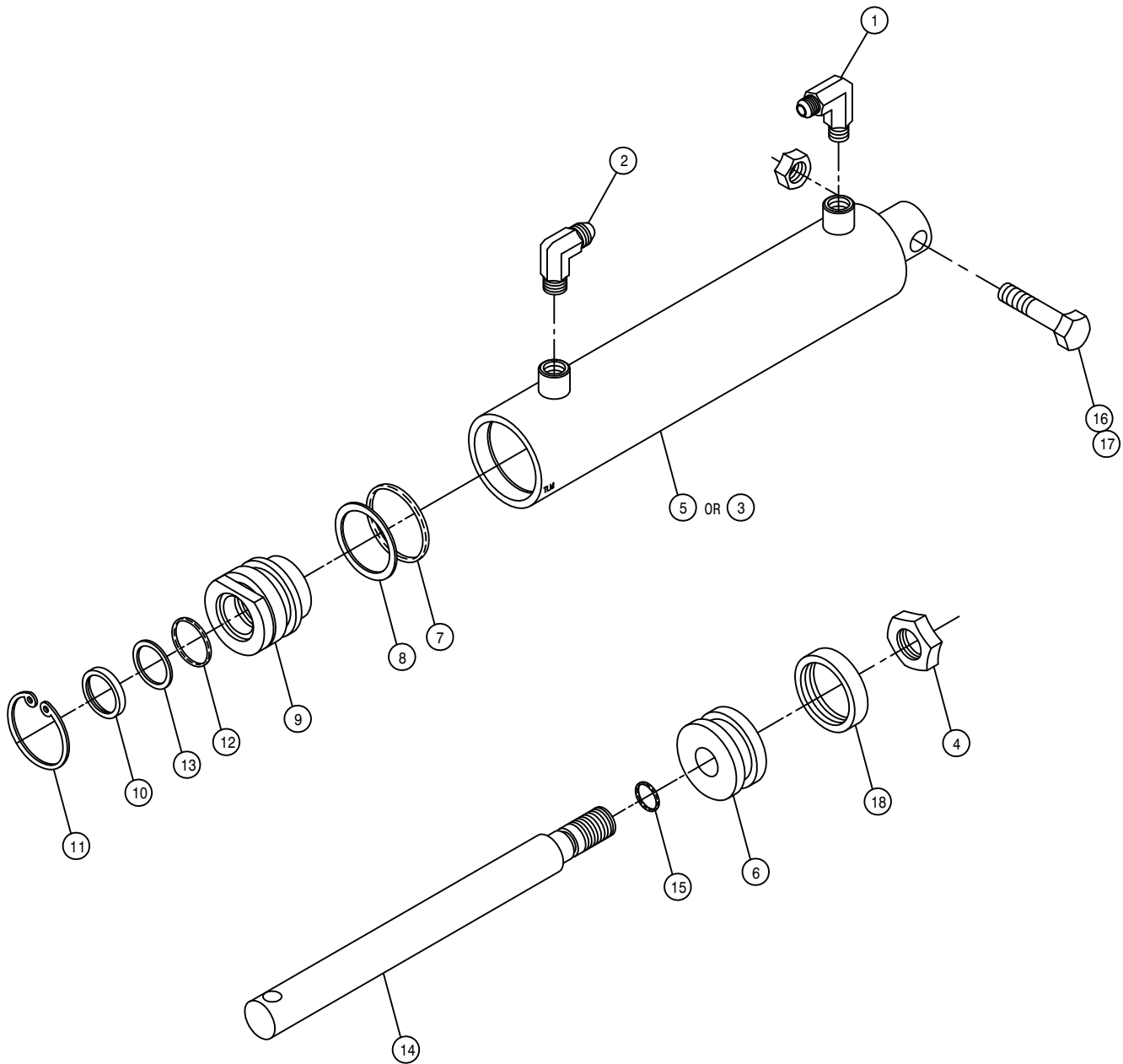
TREAD ADJUSTMENT ASSEMBLY

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         |    |
| 14 | 4  | 358802 | TREAD ADJ CYL EXT TUBE,284W95 |    |

NOTE: QUANTITY LISTED IS FOR ONE MACHINE.

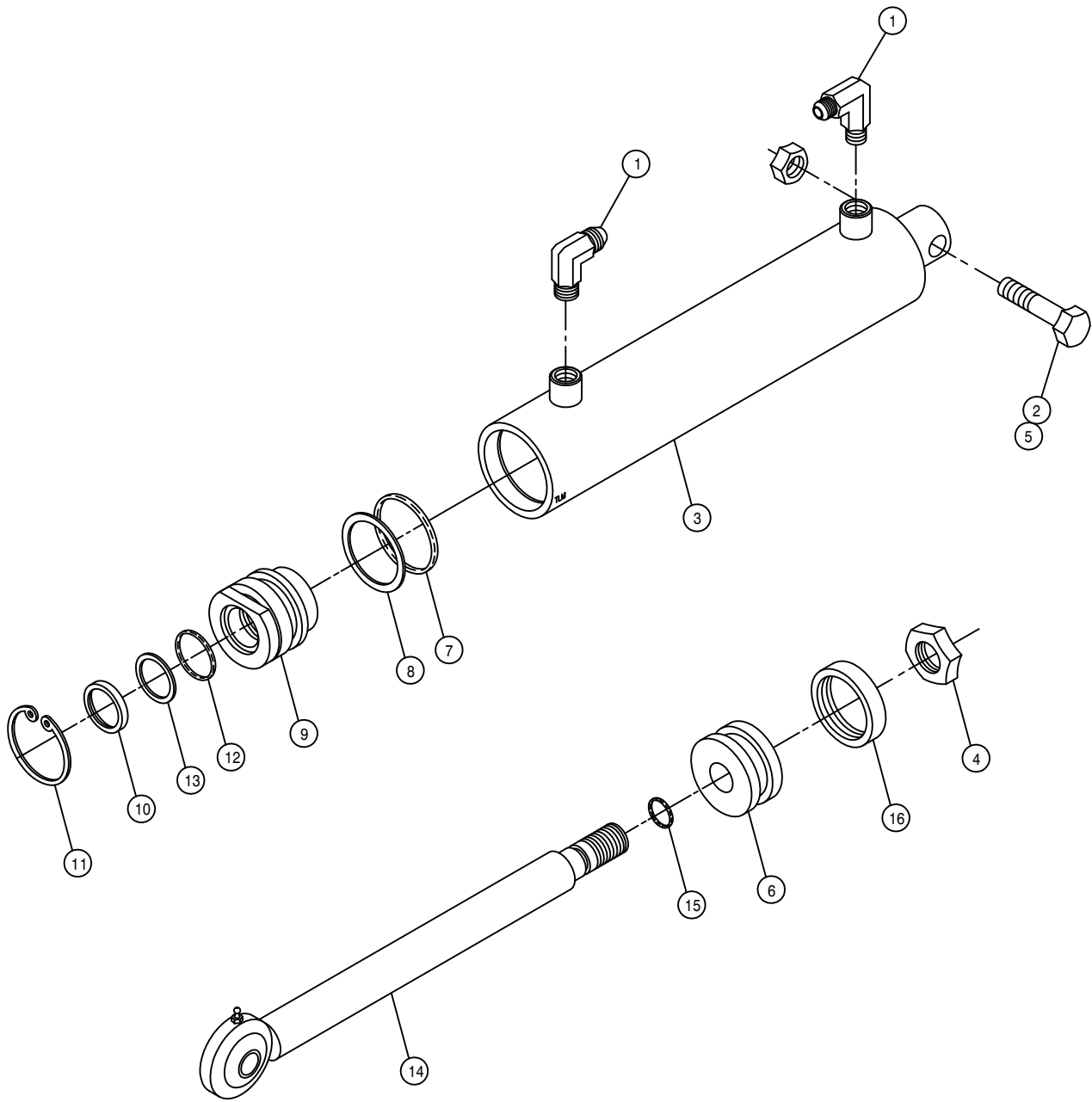




TREAD ADJUSTMENT LEG CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 1   | 614710   | RESTRICTOR ELBOW ASSY .025DIA |
| 2    | 1   | 611122   | 9/16MJIC-90-1/4MNPT LBO       |
| 3    | 1   | 620119   | LH CYL TUBE WLD,LEG,TREAD ADJ |
| 4    | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN    |
| 5    | 1   | 620118   | RH CYL TUBE WLD,LEG,TREAD ADJ |
| 6    | 1   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE |
| 7    | 1   | 870326   | BUNA ORING 1 5/8 X 2          |
| 8    | 1   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH   |
| 9    | 1   | 620082   | GLAND 2 IN X 1 IN ZAMAC       |
| 10   | 1   | 629003   | WIPER 1 X 1 1/4 X 1/8         |
| 11   | 1   | 629505   | SNAP RING 2 IN INTRN          |
| 12   | 1   | 870214   | BUNA ORING 1 X 1 1/4          |
| 13   | 1   | 890214   | BACKUP WASH 1 X 1 1/4 HT2022  |
| 14   | 1   | 620111   | TREAD ADJ HYD LEG CYL SHAFT   |
| 15   | 1   | 870113   | BUNA ORING 9/16 X 3/4         |
| 16   | 1   | 900268   | 1/2UNC X 2 1/2 HEX BOLT       |
| 17   | 1   | 914008   | 1/2UNC HEX STOVER NUT         |
| 18   | 1   | 860326   | CROWN SEAL, 2" PISTON, HYD    |

NOTE: 1. 620120 - RH LEG TREAD ADJ CYLINDER ASSEMBLY  
 2. 620121 - LH LEG TREAD ADJ CYLINDER ASSEMBLY  
 3. 620083 - SEAL KIT

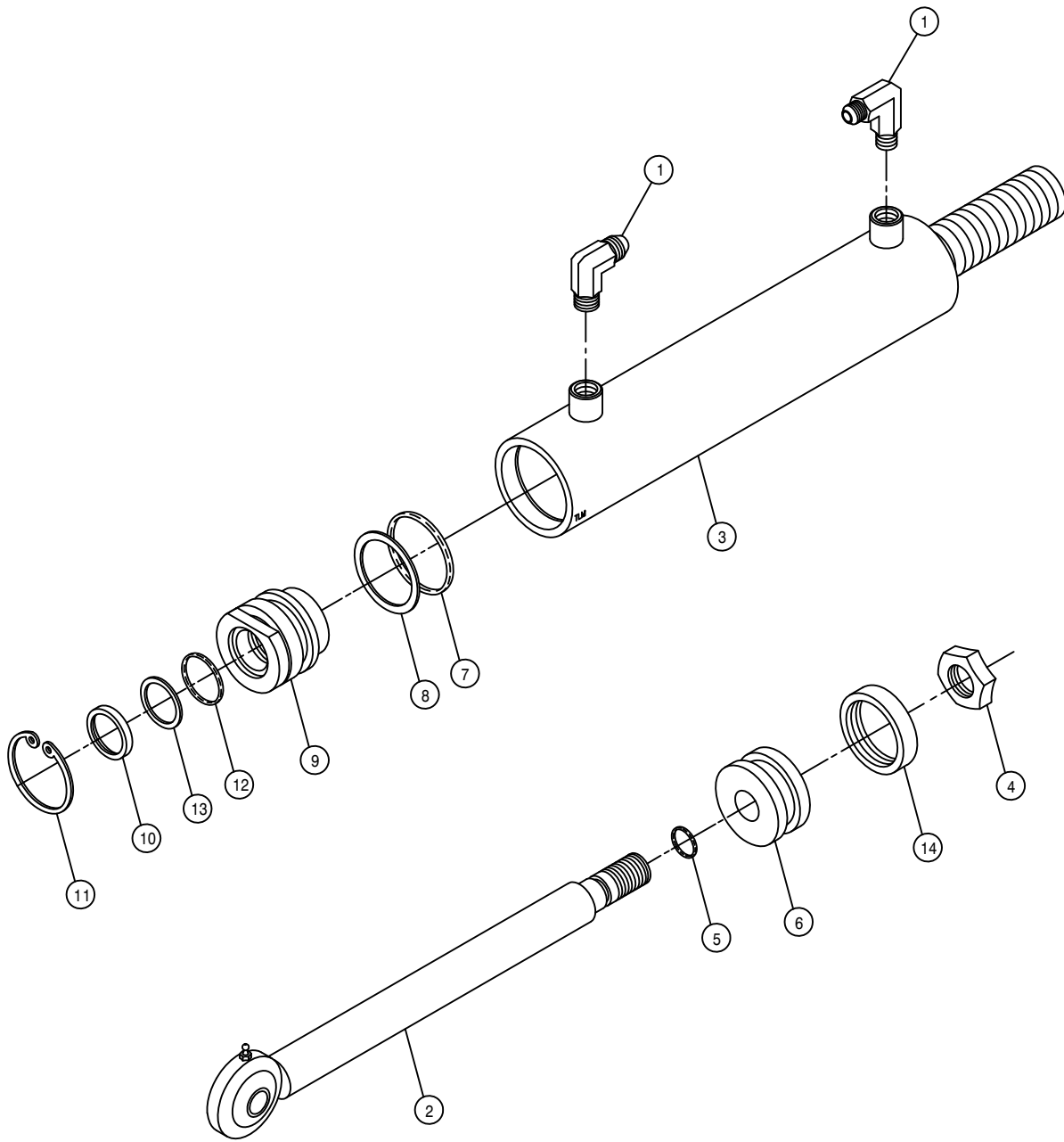


125" TIE ROD TREAD ADJ CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |   |        |                               |
|----|---|--------|-------------------------------|
| 1  | 2 | 614710 | RESTRICTOR ELBOW ASSY .025DIA |
| 2  | 1 | 900268 | 1/2UNC X 2 1/2 HEX BOLT       |
| 3  | 1 | 620124 | CYL TUBE WLD,STRG, 125" TA 94 |
| 4  | 1 | 472297 | 3/4UNF HEX STOVER NUT THIN    |
| 5  | 1 | 914008 | 1/2UNC HEX STOVER NUT         |
| 6  | 1 | 620081 | PISTON 2 X 1 ZAMAC ORING TYPE |
| 7  | 1 | 870326 | BUNA ORING 1 5/8 X 2          |
| 8  | 1 | 890326 | BACKUP WASH 1 5/8 X 2 LEATH   |
| 9  | 1 | 620126 | GLAND 2.00 OD X 1.25 ID, ALUM |
| 10 | 1 | 629002 | WIPER 1 1/4 X 1 1/2 X 1/8     |
| 11 | 1 | 629505 | SNAP RING 2 IN INTRN          |
| 12 | 1 | 870218 | BUNA ORING 1 1/4 X 1 1/2      |
| 13 | 1 | 890218 | BACKUP WASH1 1/4X1 1/2 HT2022 |
| 14 | 1 | 620130 | CYL SHAFT WLD,STRG,TREADADJ94 |
| 15 | 1 | 870113 | BUNA ORING 9/16 X 3/4         |
| 16 | 1 | 860326 | CROWN SEAL, 2" PISTON, HYD    |

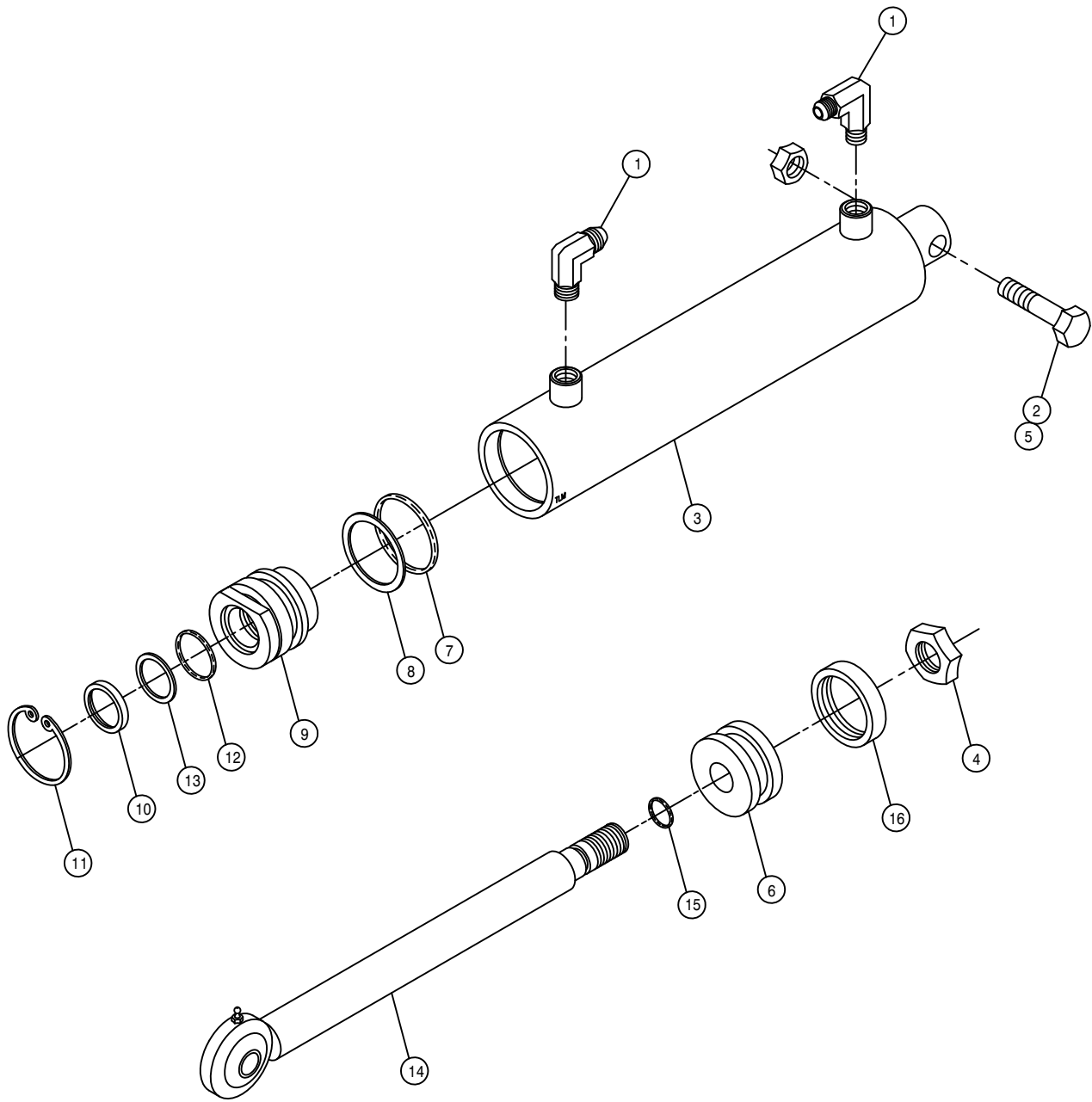
NOTE: 1. 620123 - 125" TREAD ADJ STEERING CYLINDER ASSEMBLY  
 2. 620132 - SEAL KIT



90" TIE ROD TREAD ADJ CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                      |
|------|-----|----------|----------------------------------|
| 1    | 2   | 614710   | RESTRICTOR ELBOW ASSY .025DIA    |
| 2    | 1   | 620130   | CYL SHAFT WLD, STRG, TREADADJ94  |
| 3    | 1   | 620116   | TREAD ADJ STRG CYL TUBE WLD      |
| 4    | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN       |
| 5    | 1   | 870113   | BUNA ORING 9/16 X 3/4            |
| 6    | 1   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE    |
| 7    | 1   | 870326   | BUNA ORING 1 5/8 X 2             |
| 8    | 1   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH      |
| 9    | 1   | 620126   | GLAND 2.00 OD X 1.25 ID, ALUM    |
| 10   | 1   | 629002   | WIPER 1 1/4 X 1 1/2 X 1/8        |
| 11   | 1   | 629505   | SNAP RING 2 IN INTRN             |
| 12   | 1   | 870218   | BUNA ORING 1 1/4 X 1 1/2         |
| 13   | 1   | 890218   | BACKUP WASH 1 1/4 X 1 1/2 HT2022 |
| 14   | 1   | 860326   | CROWN SEAL, 2" PISTON, HYD       |

NOTE: 1. 620122 - 90" TREAD ADJ STEERING CYLINDER ASSEMBLY  
 2. 620132 - SEAL KIT

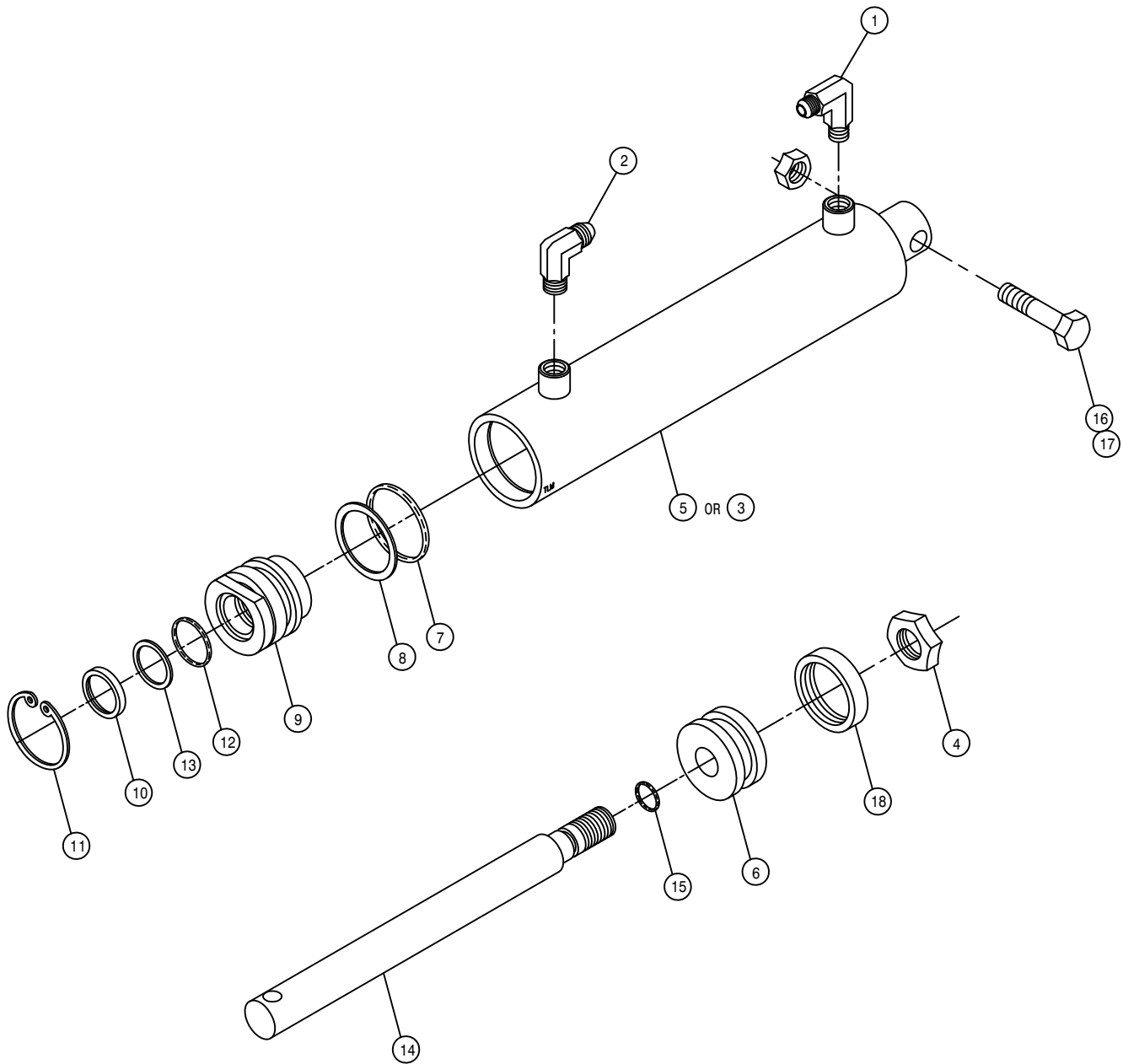


120"-144" TIE ROD TREAD ADJ CYLINDER ASSEMBLY

DET. QTY PART NO. DESCRIPTION

|    |   |        |                                |
|----|---|--------|--------------------------------|
| 1  | 2 | 614710 | RESTRICTOR ELBOW ASSY .025DIA  |
| 2  | 1 | 900268 | 1/2UNC X 2 1/2 HEX BOLT        |
| 3  | 1 | 620657 | CYL TUBE WLD,STRG,144TRD ADJ98 |
| 4  | 1 | 472297 | 3/4UNF HEX STOVER NUT THIN     |
| 5  | 1 | 914008 | 1/2UNC HEX STOVER NUT          |
| 6  | 1 | 620081 | PISTON 2 X 1 ZAMAC ORING TYPE  |
| 7  | 1 | 870326 | BUNA ORING 1 5/8 X 2           |
| 8  | 1 | 890326 | BACKUP WASH 1 5/8 X 2 LEATH    |
| 9  | 1 | 620126 | GLAND 2.00 OD X 1.25 ID, ALUM  |
| 10 | 1 | 629002 | WIPER 1 1/4 X 1 1/2 X 1/8      |
| 11 | 1 | 629505 | SNAP RING 2 IN INTRN           |
| 12 | 1 | 870218 | BUNA ORING 1 1/4 X 1 1/2       |
| 13 | 1 | 890218 | BACKUP WASH1 1/4X1 1/2 HT2022  |
| 14 | 1 | 620655 | CYL SHFT WLD,STRG,144TRD ADJ98 |
| 15 | 1 | 870113 | BUNA ORING 9/16 X 3/4          |
| 16 | 1 | 860326 | CROWN SEAL, 2.00 PISTON (326)  |

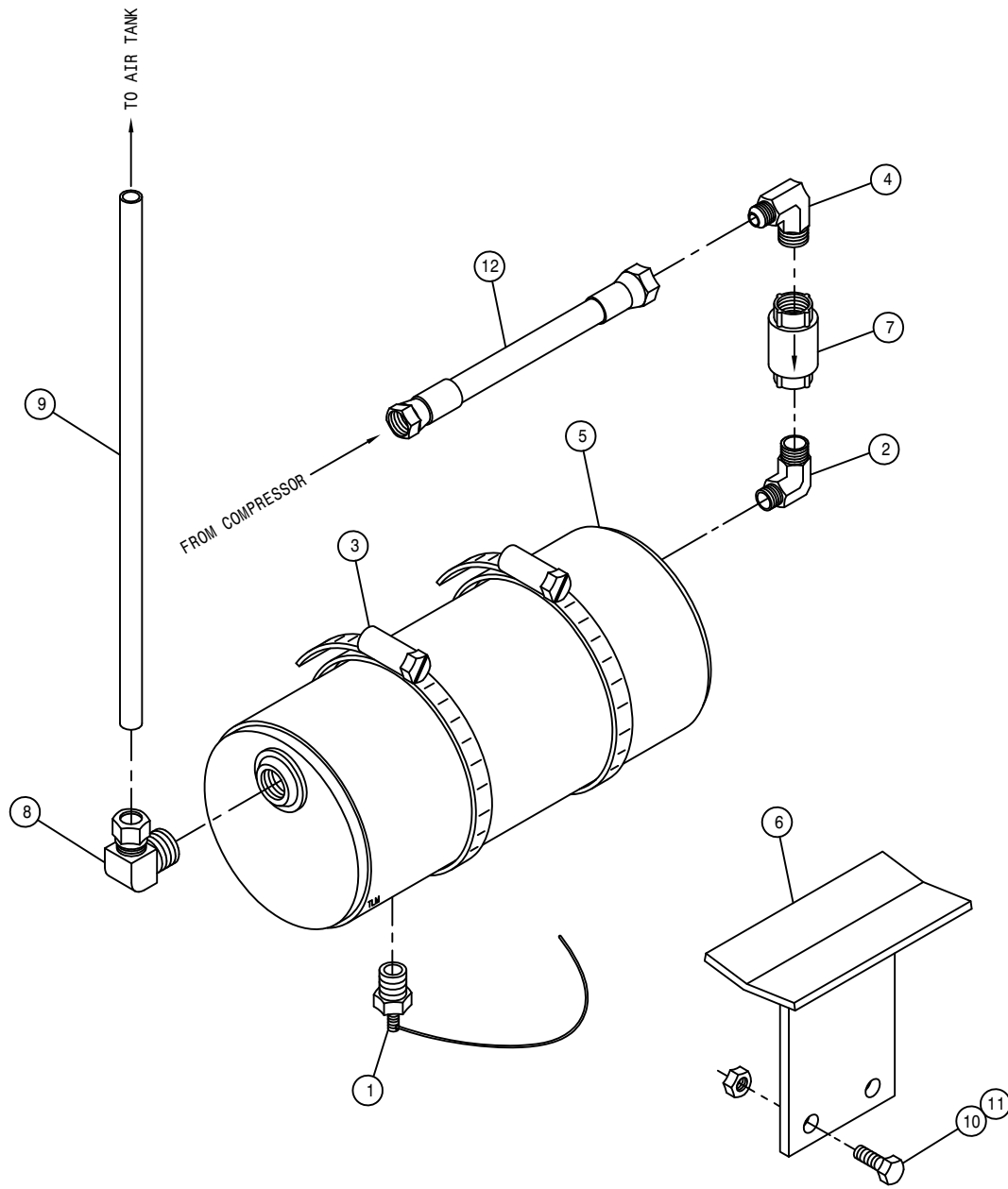
NOTE: 1. 620654 - 120"-144" TREAD ADJ STEERING CYLINDER ASSEMBLY  
 2. 620132 - SEAL KIT



144" TREAD ADJ LEG CYLINDER ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                    |
|------|-----|----------|--------------------------------|
| 1    | 1   | 614710   | RESTRICTOR ELBOW ASSY .025DIA  |
| 2    | 1   | 611122   | 9/16MJIC-90-1/4MNPT LBO        |
| 3    | 1   | 620663   | CYL TUBE WLD,LH LEG,144 TA 98  |
| 4    | 1   | 472297   | 3/4UNF HEX STOVER NUT THIN     |
| 5    | 1   | 620660   | CYL TUBE WLD,RH LEG,144 TA 98  |
| 6    | 1   | 620081   | PISTON 2 X 1 ZAMAC ORING TYPE  |
| 7    | 1   | 870326   | BUNA ORING 1 5/8 X 2           |
| 8    | 1   | 890326   | BACKUP WASH 1 5/8 X 2 LEATH    |
| 9    | 1   | 620082   | GLAND 2 IN X 1 IN ZAMAC        |
| 10   | 1   | 629003   | WIPER 1 X 1 1/4 X 1/8          |
| 11   | 1   | 629505   | SNAP RING 2 IN INTRN           |
| 12   | 1   | 870214   | BUNA ORING 1 X 1 1/4           |
| 13   | 1   | 890214   | BACKUP WASH 1 X 1 1/4 HT2022   |
| 14   | 1   | 620661   | CYL SHFT, LEG,120-144TRD ADJ98 |
| 15   | 1   | 870113   | BUNA ORING 9/16 X 3/4          |
| 16   | 1   | 900268   | 1/2UNC X 2 1/2 HEX BOLT        |
| 17   | 1   | 914008   | 1/2UNC HEX STOVER NUT          |
| 18   | 1   | 860326   | CROWN SEAL, 2.00 PISTON (326)  |

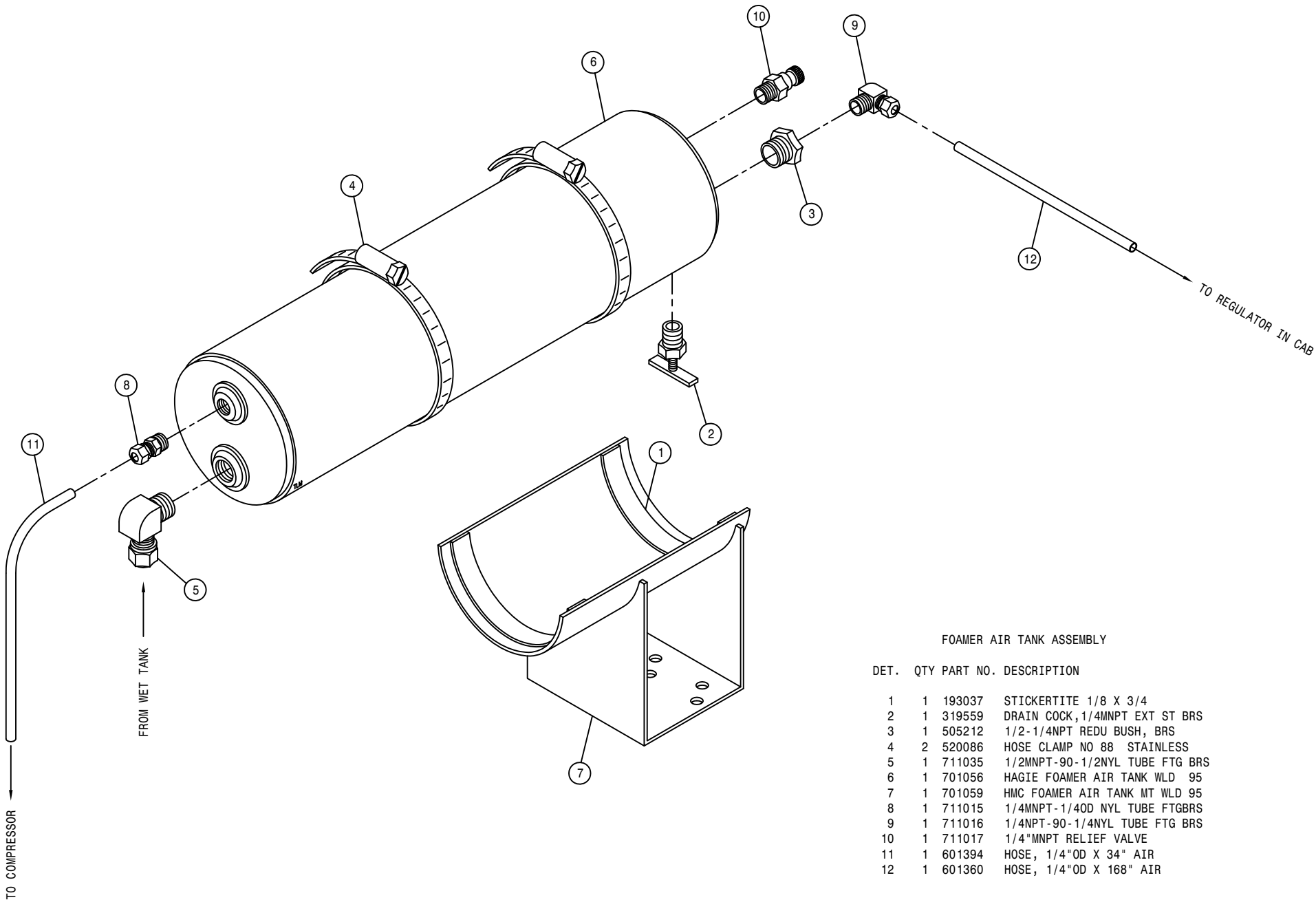
NOTE: 1. 620659 - RH 144" LEG TREAD ADJ CYLINDER ASSEMBLY  
 2. 620662 - LH 144" LEG TREAD ADJ CYLINDER ASSEMBLY  
 3. 620083 - SEAL KIT



AIR WET TANK ASSEMBLY

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

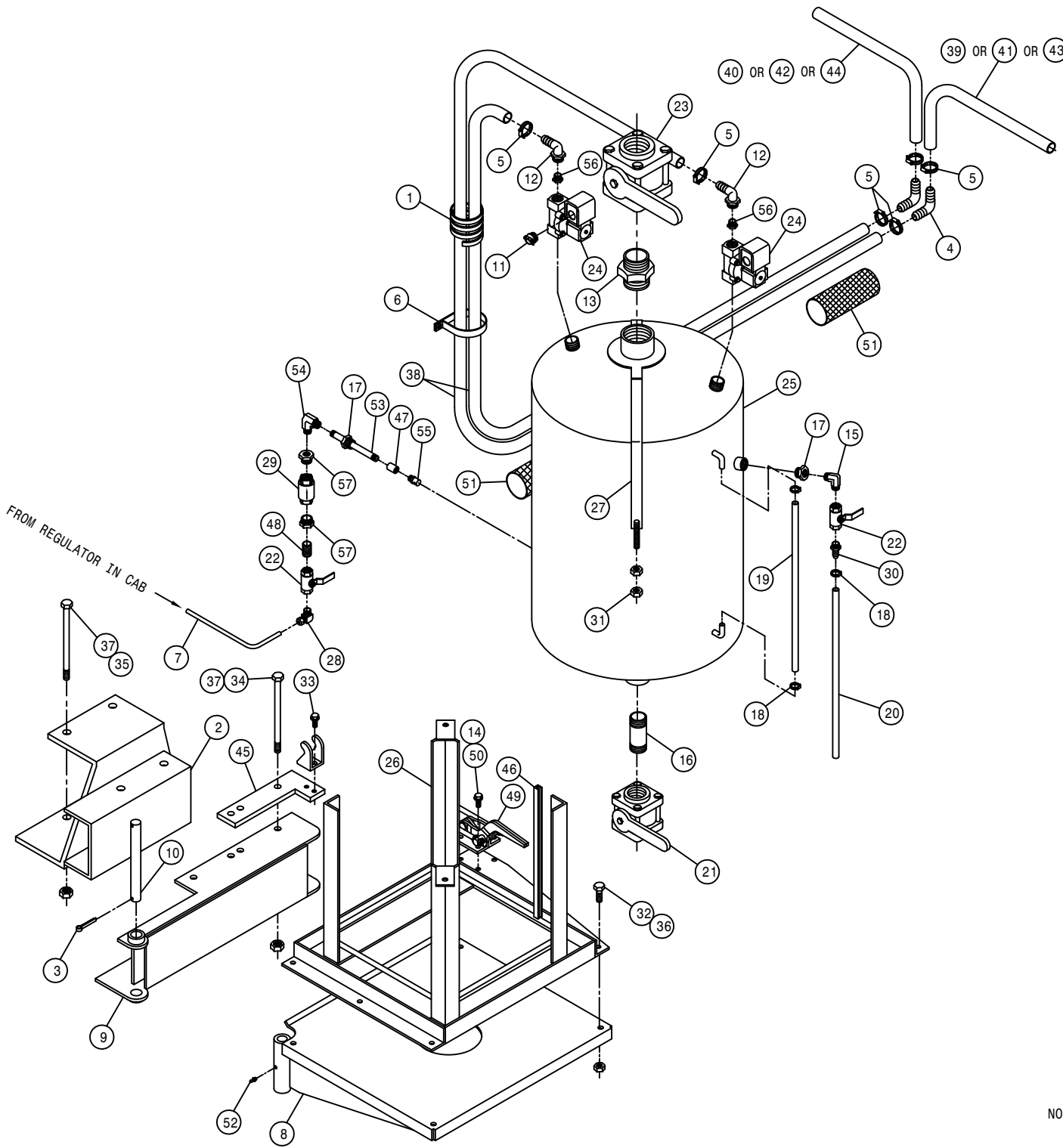




FOAMER AIR TANK ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                    |
|------|-----|----------|--------------------------------|
|      | 1   | 193037   | STICKERTITE 1/8 X 3/4          |
|      | 1   | 319559   | DRAIN COCK, 1/4MNPT EXT ST BRS |
|      | 1   | 505212   | 1/2-1/4NPT REDU BUSH, BRS      |
|      | 2   | 520086   | HOSE CLAMP NO 88 STAINLESS     |
|      | 1   | 711035   | 1/2MNPT-90-1/2NYL TUBE FTG BRS |
|      | 1   | 701056   | HAGIE FOAMER AIR TANK WLD 95   |
|      | 1   | 701059   | HMC FOAMER AIR TANK MT WLD 95  |
|      | 1   | 711015   | 1/4MNPT-1/4OD NYL TUBE FTGBRS  |
|      | 1   | 711016   | 1/4NPT-90-1/4NYL TUBE FTG BRS  |
|      | 1   | 711017   | 1/4"MNPT RELIEF VALVE          |
|      | 1   | 601394   | HOSE, 1/4"OD X 34" AIR         |
|      | 1   | 601360   | HOSE, 1/4"OD X 168" AIR        |

FOAM MARKER TANK ASSEMBLY

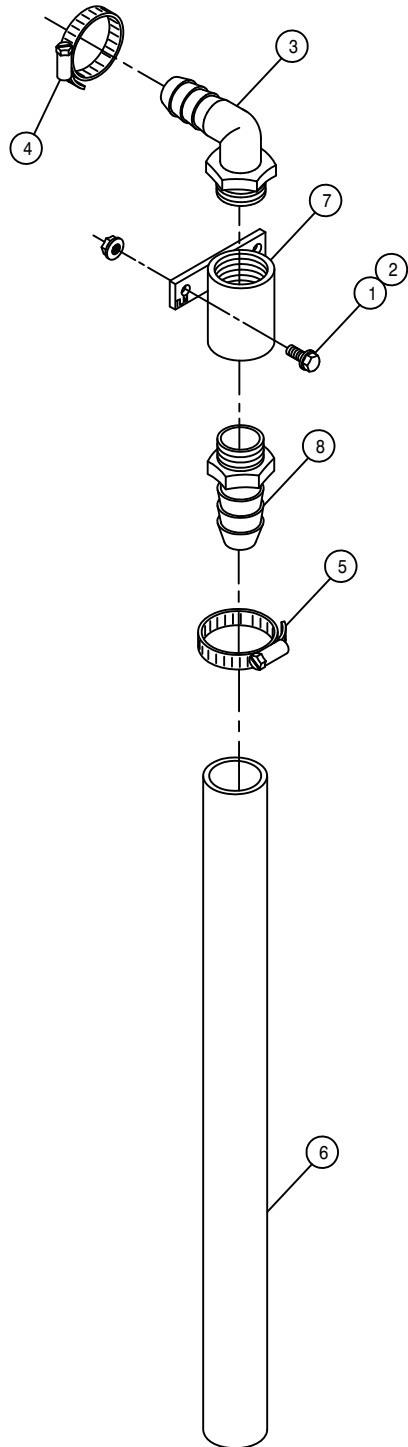


| DET. | QTY | PART NO. | DESCRIPTION                           |
|------|-----|----------|---------------------------------------|
| 1    | 2   | 193002   | SPIRAL PROTECTIVE WRAP, BLACK         |
| 2    | 1   | 341980   | RH REAR TOOL BAR MT WLD 2XX           |
| 3    | 2   | 470039   | COTTER PIN 3/16 X 1 1/4 SQUT          |
| 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-90-3/4HBRB,TAPPED,POLY         |
| 13   | 1   | 500056   | 2" NPT CLOSE HEX NIPPLE, 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   | 502202   | SS PIPE CPLG, 1/8NPT .563 OD          |
| 48   | 1   | 502707   | PIPE NIP,1/4NPT HEX CLOSE,BRS         |
| 49   | 1   | 470238   | DE-STA-CO CLAMP, TC-341 LATCH         |
| 50   | 4   | 470113   | 5/16UNC HEX FLANGE LOCK NUT           |
| 51   | 2   | 342333   | NYL HOSE SLEEVE,2.64ID X 12.00        |
| 52   | 1   | 471005   | 1/4 28 X 1/2 GREASE ZERK              |
| 53   | 1   | 507021   | SS PIPE NIPPLE, 1/8NPT X 6"           |
| 54   | 1   | 701143   | FOAMER AIR TUBE FTG                   |
| 55   | 1   | 701144   | FOAMER AIR NOZZLE                     |
| 56   | 2   | 701151   | 3/8PIPE PLUG,.187 ORIFICE,POLY        |
| 57   | 2   | 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.

90

195090

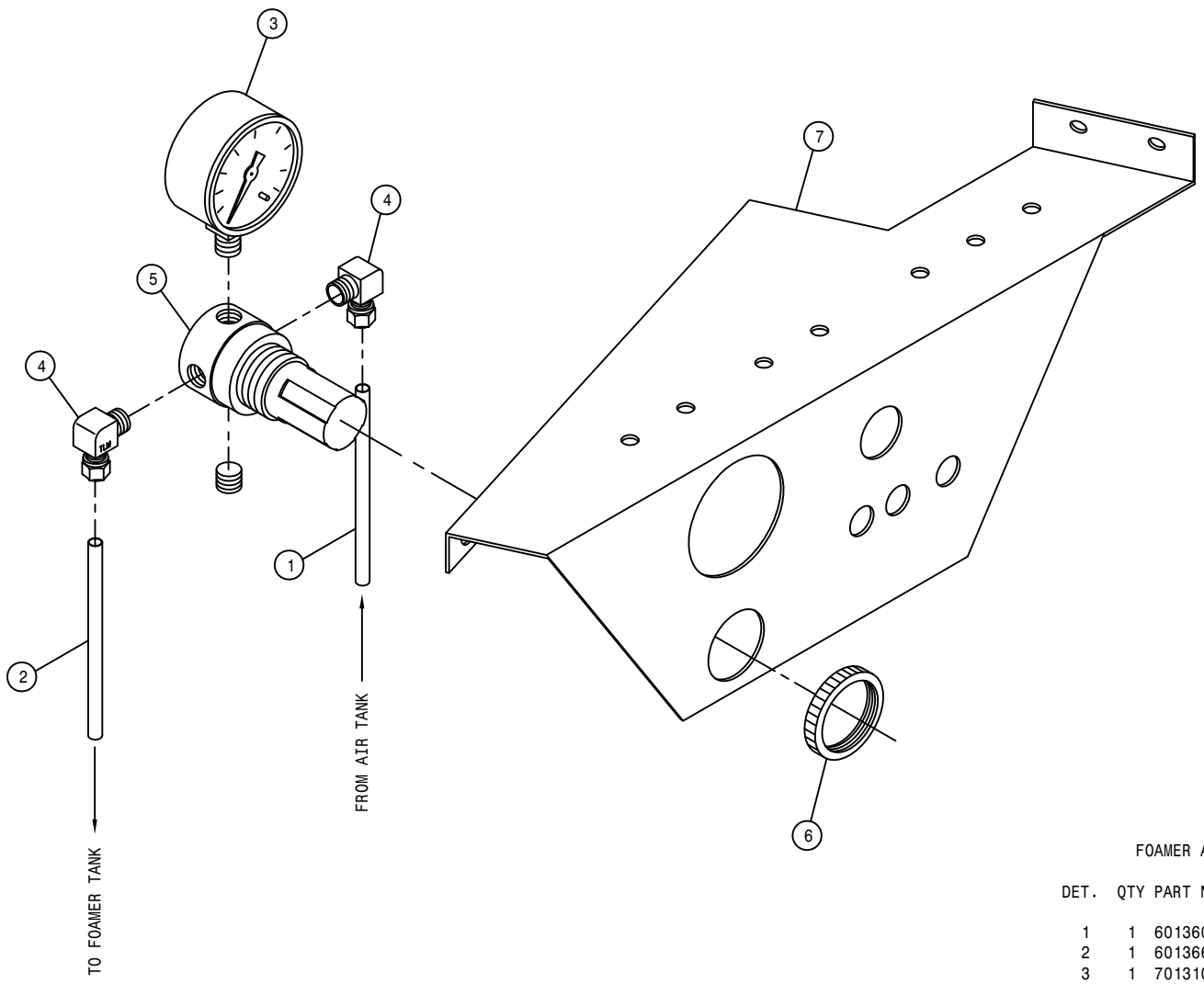


FOAMER DROP END ASSEMBLY

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       |

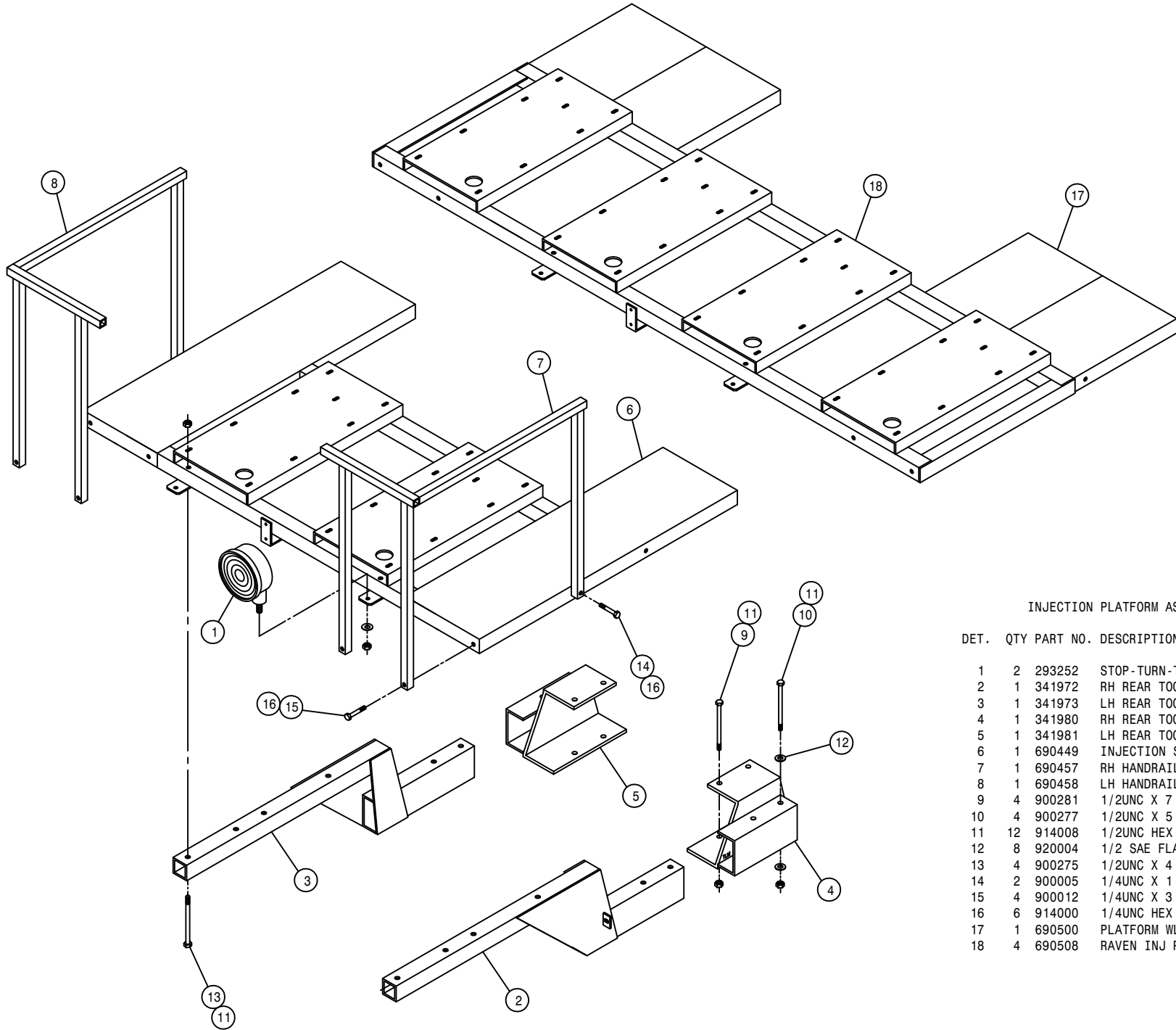
NOTE: QUANTITY LISTED IS FOR ONE MACHINE.



FOAMER AIR REGULATOR ASSEMBLY

DET. QTY PART NO. DESCRIPTION

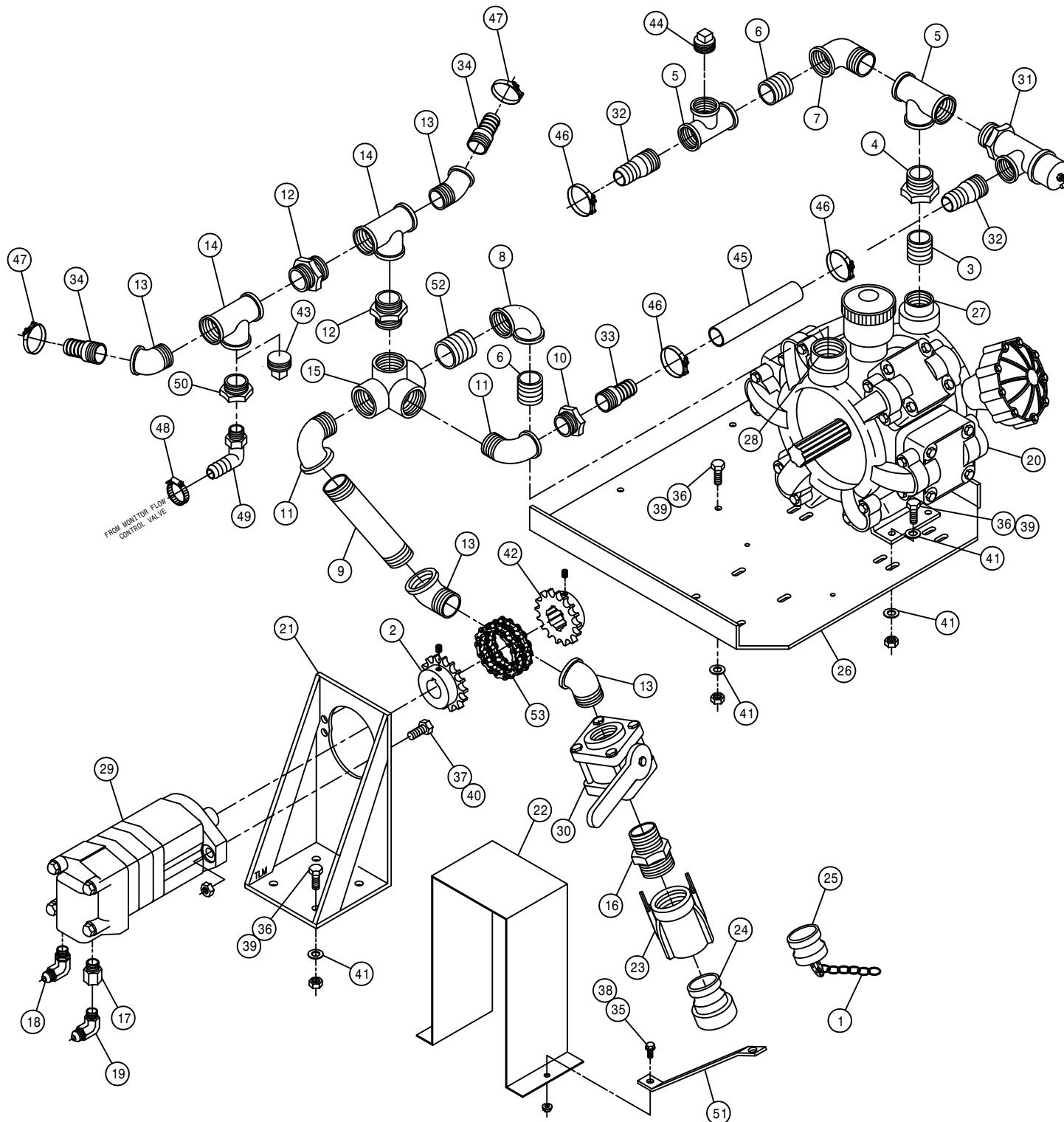
|   |   |        |                               |
|---|---|--------|-------------------------------|
| 1 | 1 | 601360 | HOSE, 1/4"OD X 168" AIR       |
| 2 | 1 | 601366 | HOSE, 1/4"OD X 192" AIR       |
| 3 | 1 | 701310 | AIR PRESS GAUGE, 1/8"BOT      |
| 4 | 2 | 711016 | 1/4NPT-90-1/4NYL TUBE FTG BRS |
| 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



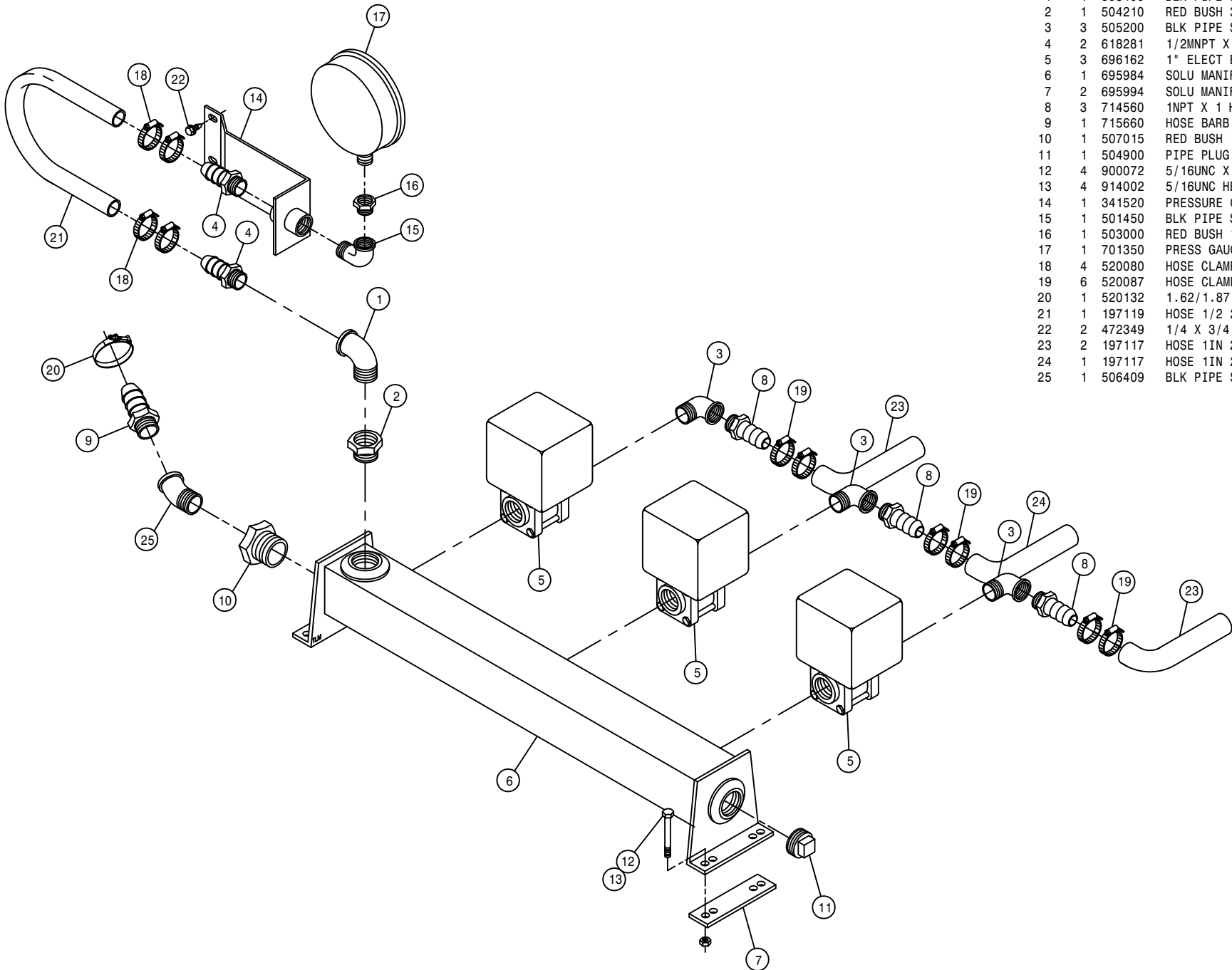
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 1   | 160986   | CHAIN, 12.00 LONG             |
| 2    | 1   | 220026   | SPROCKET,40BS16,1.25ID,.312KE |
| 3    | 1   | 505201   | CLOSE NIPPLE 1.00NPT          |
| 4    | 1   | 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 1/2NPT-45 ST EL, 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

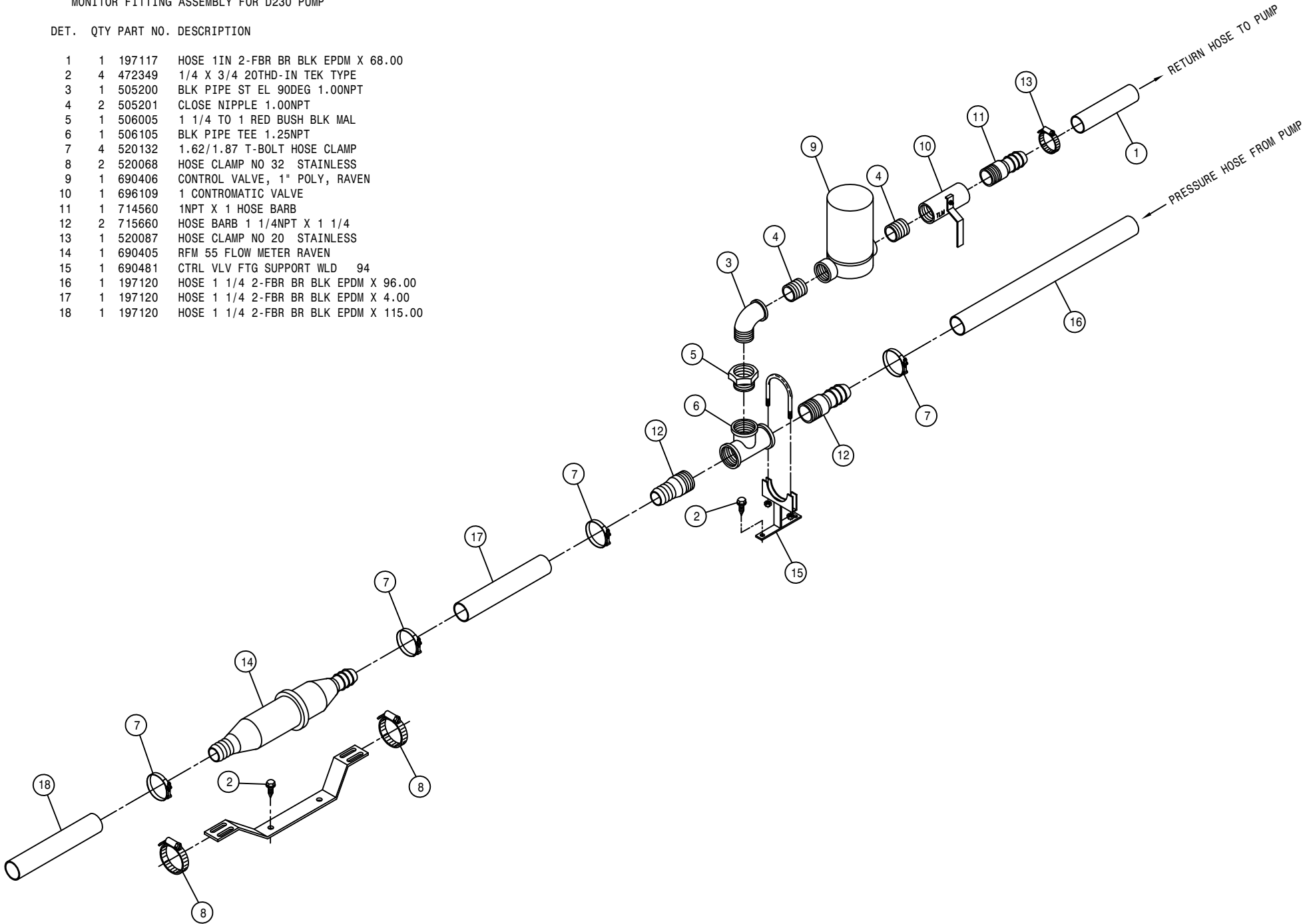
| DET. | QTY | PART NO. | DESCRIPTION                       |
|------|-----|----------|-----------------------------------|
| 1    | 1   | 503400   | BLK PIPE ST EL 90DEG .50NPT       |
| 2    | 1   | 504210   | RED BUSH 3/4 NPT X 1/2 NPT        |
| 3    | 3   | 505200   | BLK PIPE ST EL 90DEG 1.00NPT      |
| 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      |



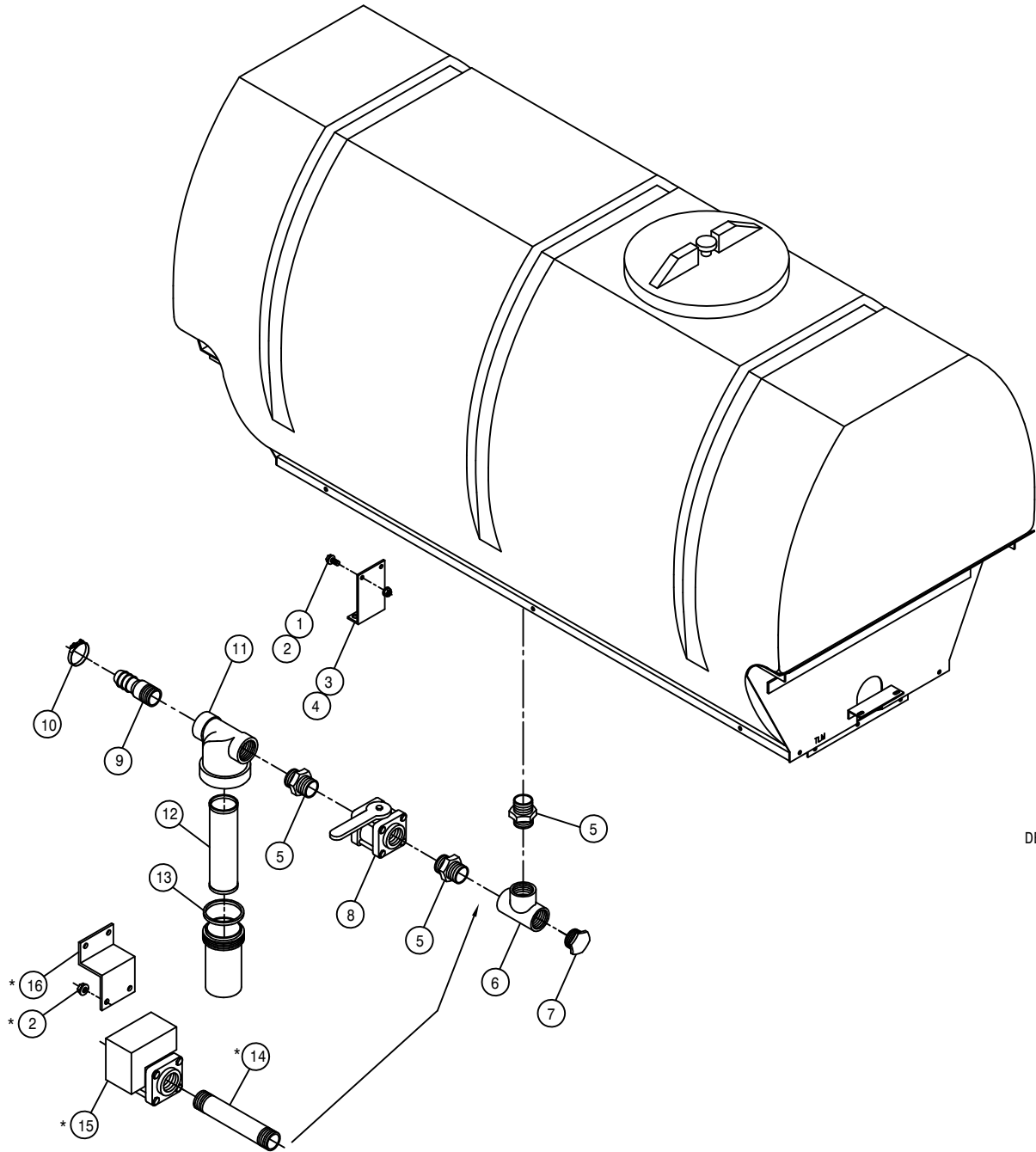
MONITOR FITTING ASSEMBLY FOR D230 PUMP

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 |



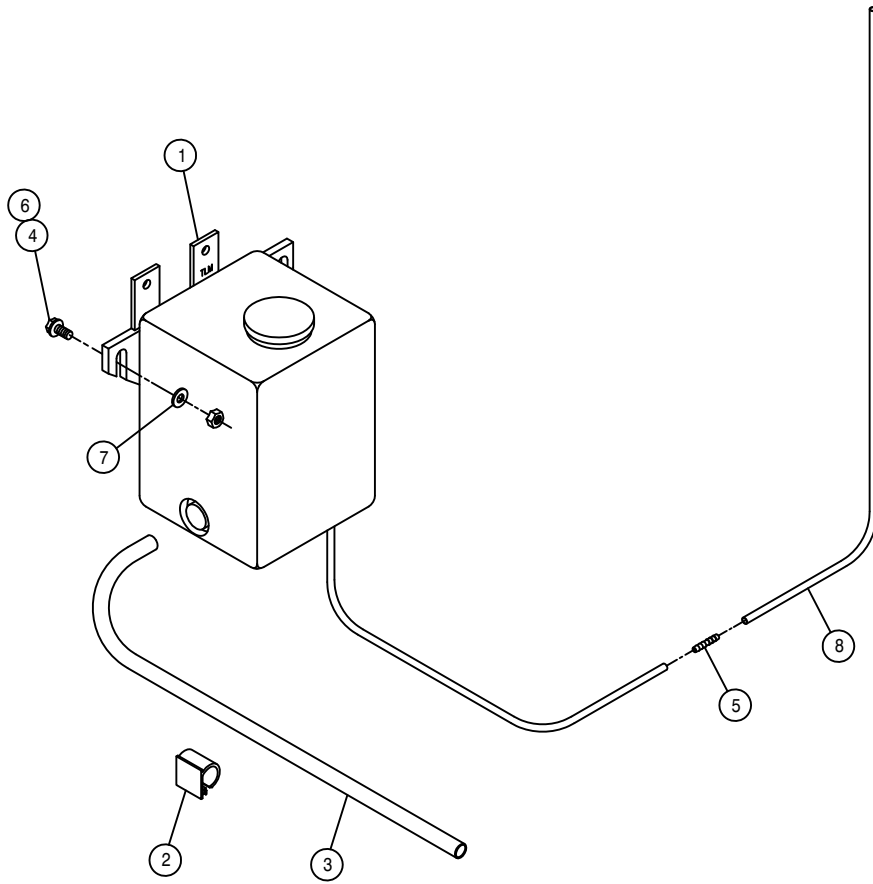




SOLUTION FILTER ASSEMBLY FOR D230 HP PUMP

| DET. | QTY | PART NO. | DESCRIPTION                          |
|------|-----|----------|--------------------------------------|
|      | 1   | 2        | 470118 1/4UNC X 3/4 FLANGE HEX BOLT  |
|      | 2   | 4        | 470121 1/4UNC HEX FLANGE LOCK NUT    |
|      | 3   | 1        | 763363 SOLU HOSE SUPPORT 280 POLY 91 |
|      | 4   | 1        | 470000 CABLE TIE, 21" BLACK PLASTIC  |
|      | 5   | 3        | 500028 1 1/2NPT PIPE NIPPLE, POLY    |
|      | 6   | 1        | 500030 1 1/2"NPT PIPE TEE, POLY      |
|      | 7   | 1        | 500031 1 1/2NPT PIPE PLUG, POLY      |
|      | 8   | 1        | 696110 BALL VALVE 1 1/2FNPT POLY     |
|      | 9   | 1        | 500032 1 1/2NPT X 1 1/2 H BARB, POLY |
|      | 10  | 1        | 520133 1.81/2.06 T-BOLT HOSE CLAMP   |
|      | 11  | 1        | 690474 1 1/2 LINE STRAINERSOM 150PSI |
|      | 12  | 1        | 690475 50 MESH SCREEN FOR 690474     |
|      | 13  | 1        | 690476 STRAINER GASKET FOR 690474    |
|      | 14  | 1        | 500029 1 1/2NPT X 6 PIPE NIPPLE,POLY |
|      | 15  | 1        | 696161 1 1/2NPT ELECT SOLU VALVE     |
|      | 16  | 1        | 763445 ELECT SOLU VLV SUPPORT 94     |

\*NOTE: ITEMS 2, 14, 15, AND 16 ARE USED WITH ELECTRIC VALVE OPTION.



WINDSHIELD WASHER ASSEMBLY

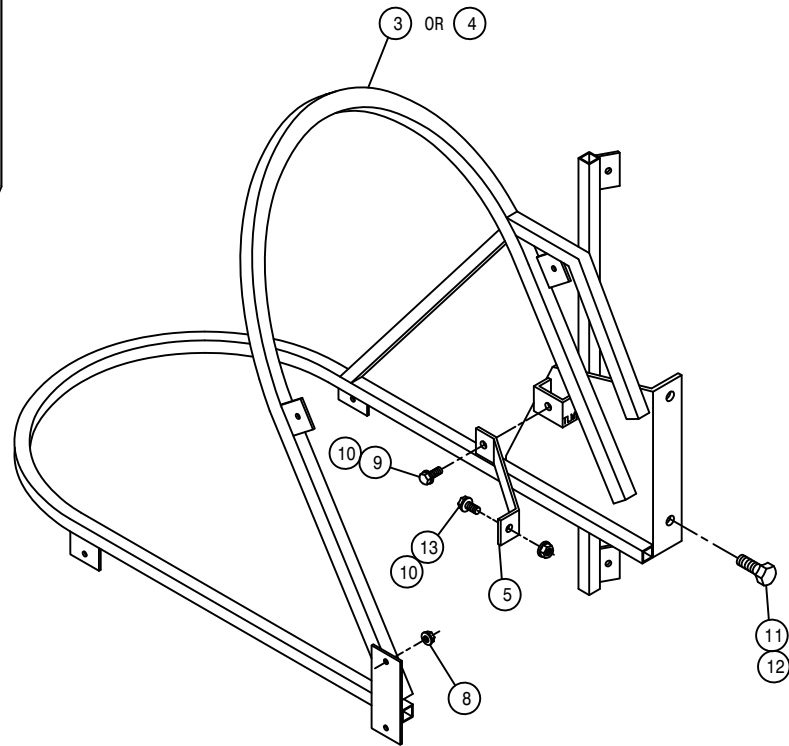
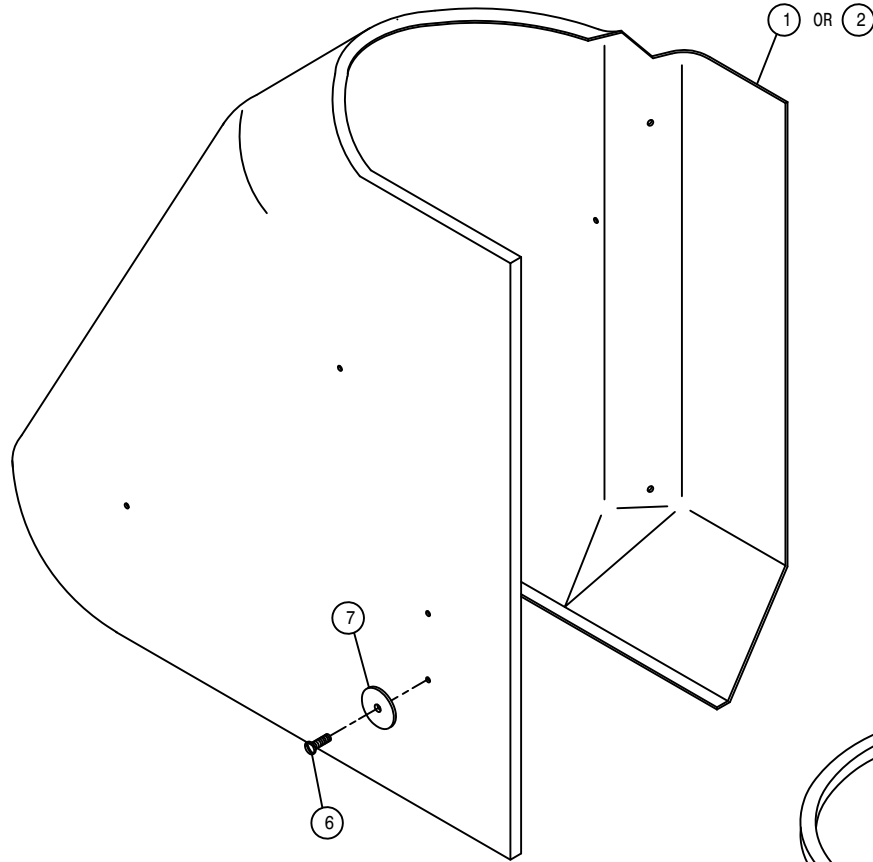
DET. QTY PART NO. DESCRIPTION

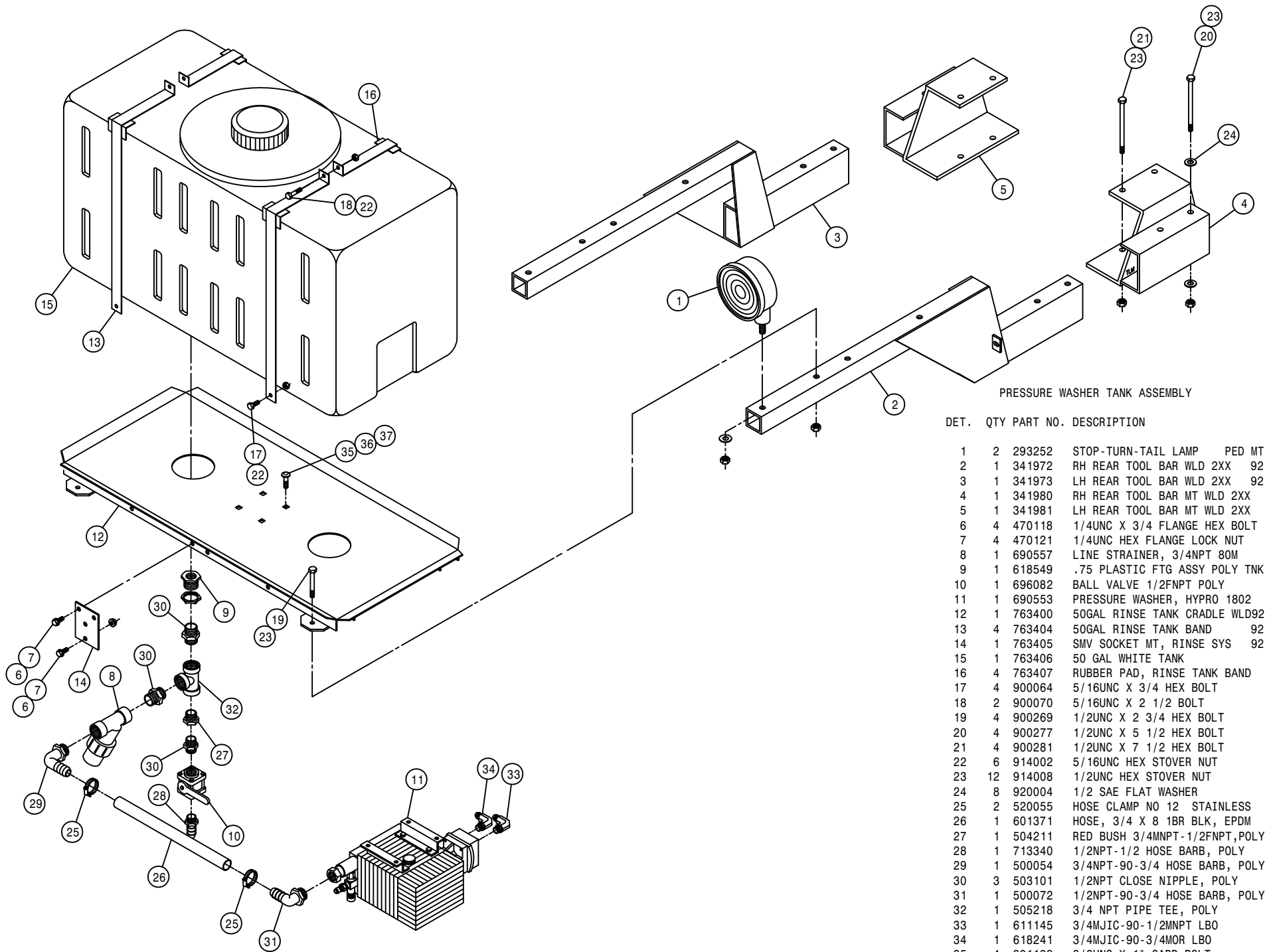
|   |    |        |                               |
|---|----|--------|-------------------------------|
| 1 | 1  | 290002 | WINDSHIELD WASHER KIT         |
| 2 | 3  | 291645 | 3/8 WIRE CLAMP,ADHESIVE BACK  |
| 3 | 5  | 299110 | WIRE FLEX GUARD .35 ID        |
| 4 | 3  | 470231 | 1/4UNC X 1" FLANGE HEX 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    |

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.





PRESSURE WASHER TANK ASSEMBLY

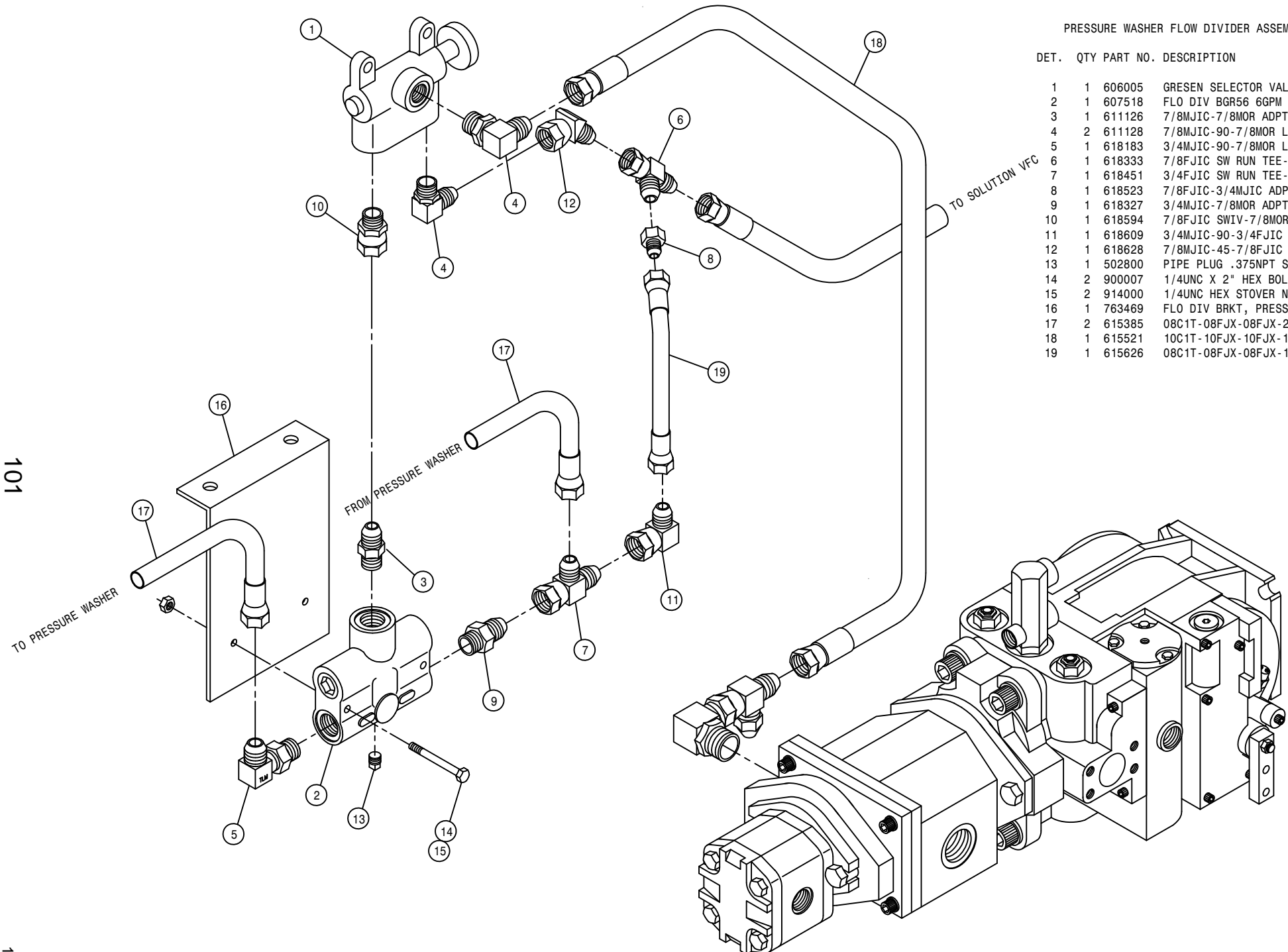
| DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|-------------------------------|
| 1    | 2   | 293252   | STOP-TURN-TAIL LAMP PED MT    |
| 2    | 1   | 341972   | RH REAR TOOL BAR WLD 2XX 92   |
| 3    | 1   | 341973   | LH REAR TOOL BAR WLD 2XX 92   |
| 4    | 1   | 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

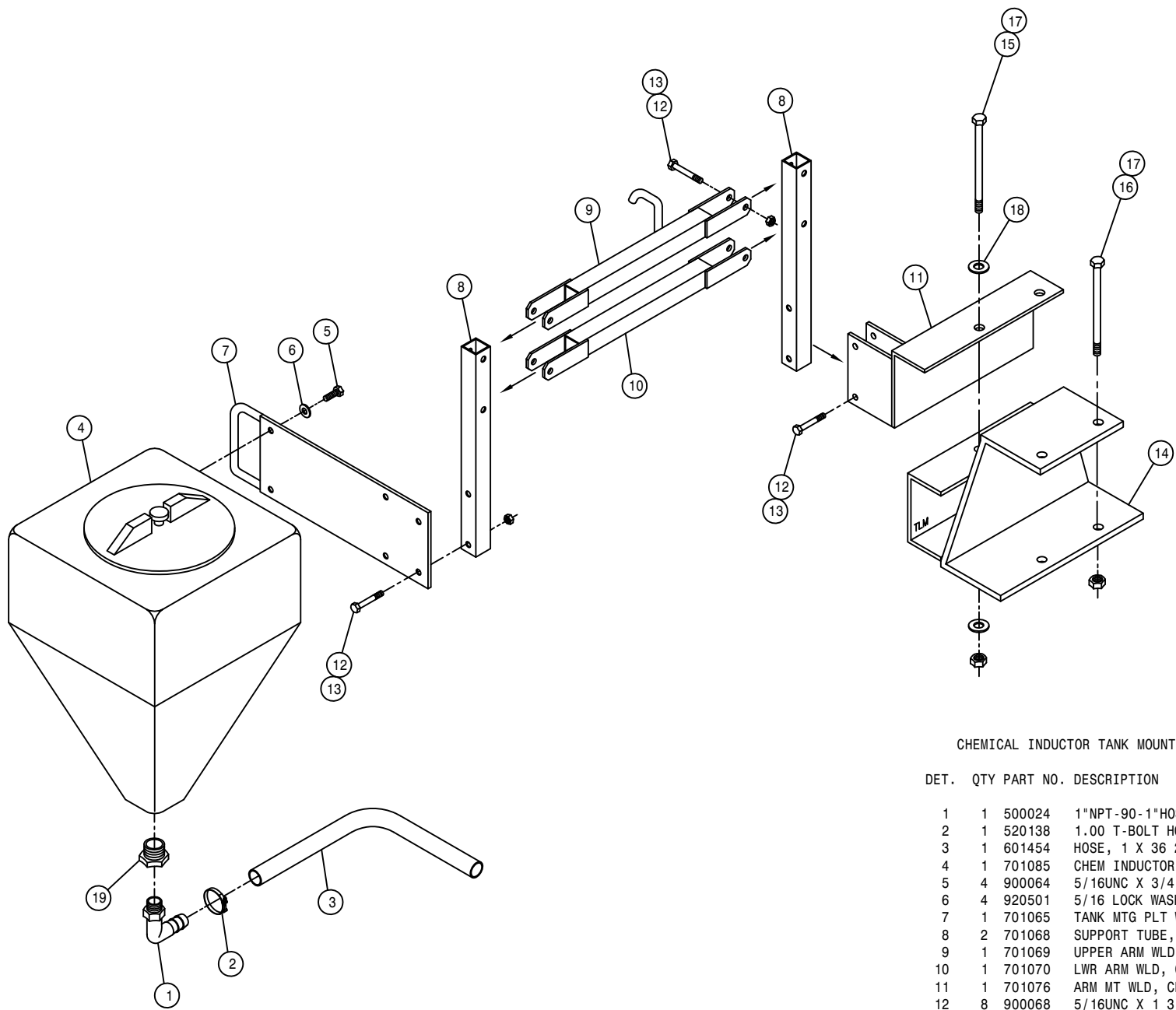
DET. QTY PART NO. DESCRIPTION

| 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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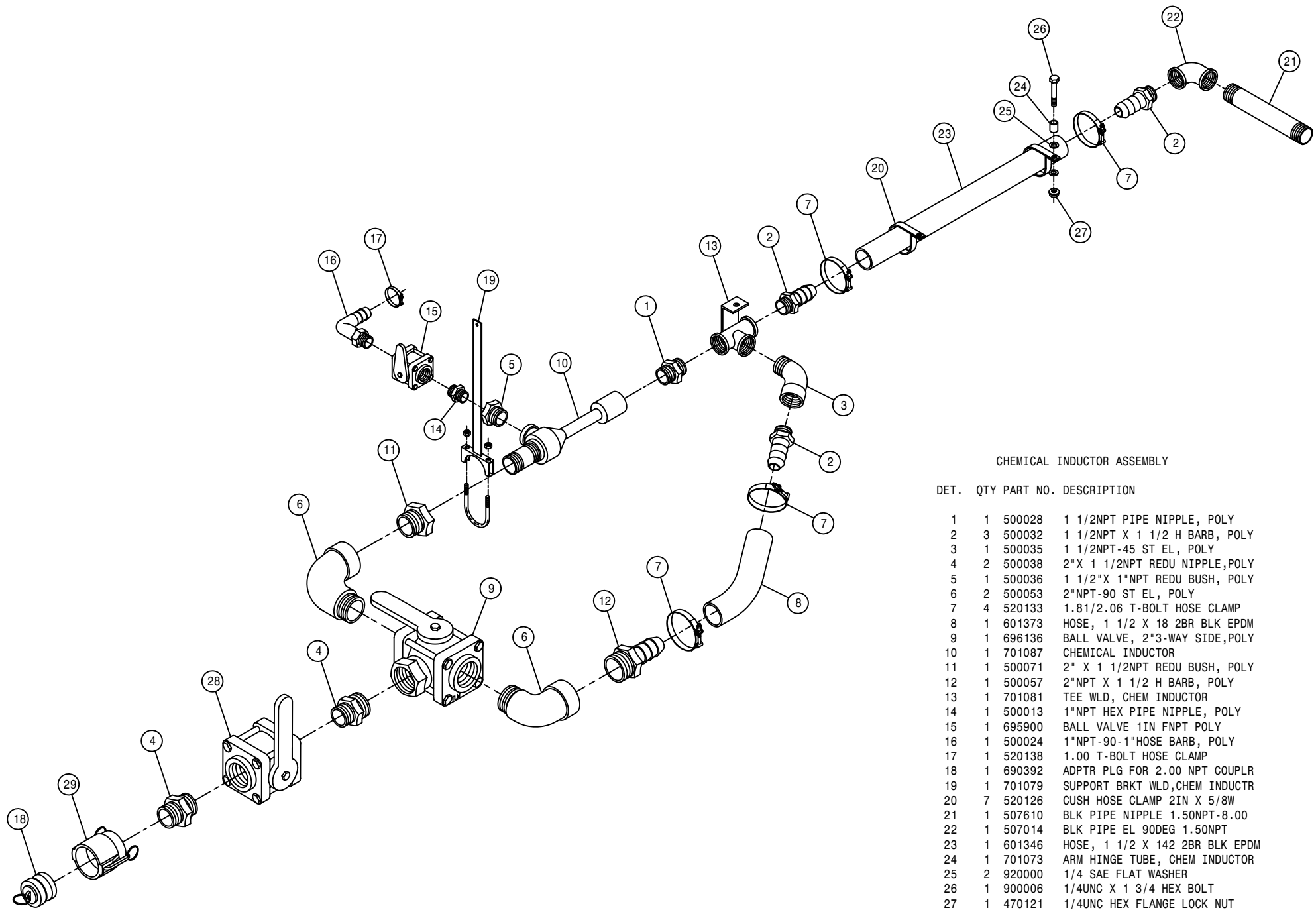


195101



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 |



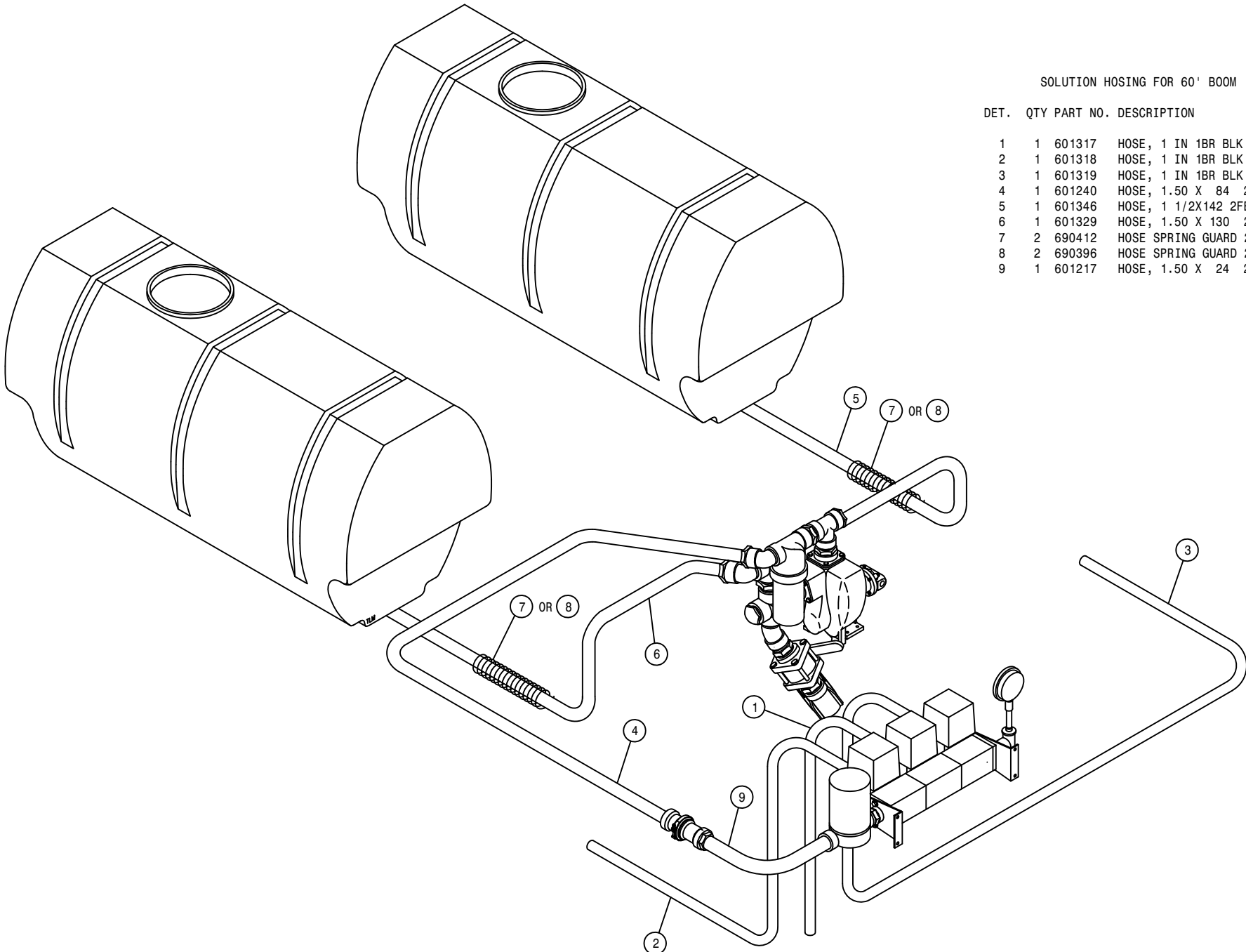
CHEMICAL INDUCTOR ASSEMBLY

| DET. | QTY | PART NO. | DESCRIPTION                     |
|------|-----|----------|---------------------------------|
| 1    | 1   | 500028   | 1 1/2NPT PIPE NIPPLE, POLY      |
| 2    | 3   | 500032   | 1 1/2NPT X 1 1/2 H BARB, POLY   |
| 3    | 1   | 500035   | 1 1/2NPT-45 ST EL, POLY         |
| 4    | 2   | 500038   | 2" X 1 1/2NPT REDU NIPPLE, POLY |
| 5    | 1   | 500036   | 1 1/2" X 1" NPT REDU BUSH, POLY |
| 6    | 2   | 500053   | 2" NPT-90 ST EL, POLY           |
| 7    | 4   | 520133   | 1.81/2.06 T-BOLT HOSE CLAMP     |
| 8    | 1   | 601373   | HOSE, 1 1/2 X 18 2BR BLK EPDM   |
| 9    | 1   | 696136   | BALL VALVE, 2"3-WAY SIDE, POLY  |
| 10   | 1   | 701087   | CHEMICAL INDUCTOR               |
| 11   | 1   | 500071   | 2" X 1 1/2NPT REDU BUSH, POLY   |
| 12   | 1   | 500057   | 2" NPT X 1 1/2 H BARB, POLY     |
| 13   | 1   | 701081   | TEE WLD, CHEM INDUCTOR          |
| 14   | 1   | 500013   | 1" NPT HEX PIPE NIPPLE, POLY    |
| 15   | 1   | 695900   | BALL VALVE 1IN FNPT POLY        |
| 16   | 1   | 500024   | 1" NPT-90-1" HOSE BARB, POLY    |
| 17   | 1   | 520138   | 1.00 T-BOLT HOSE CLAMP          |
| 18   | 1   | 690392   | ADPTR PLG FOR 2.00 NPT COUPLR   |
| 19   | 1   | 701079   | SUPPORT BRKT WLD, CHEM INDUCTR  |
| 20   | 7   | 520126   | CUSH HOSE CLAMP 2IN X 5/8W      |
| 21   | 1   | 507610   | BLK PIPE NIPPLE 1.50NPT-8.00    |
| 22   | 1   | 507014   | BLK PIPE EL 90DEG 1.50NPT       |
| 23   | 1   | 601346   | HOSE, 1 1/2 X 142 2BR BLK EPDM  |
| 24   | 1   | 701073   | ARM HINGE TUBE, CHEM INDUCTOR   |
| 25   | 2   | 920000   | 1/4 SAE FLAT WASHER             |
| 26   | 1   | 900006   | 1/4UNC X 1 3/4 HEX BOLT         |
| 27   | 1   | 470121   | 1/4UNC HEX FLANGE LOCK NUT      |
| 28   | 1   | 696110   | BALL VALVE 1 1/2FNPT POLY       |
| 29   | 1   | 690390   | 2.00 FEMALE NPT COUPLER         |

SOLUTION HOISING FOR 60' BOOM

DET. QTY PART NO. DESCRIPTION

|   |   |        |                               |
|---|---|--------|-------------------------------|
| 1 | 1 | 601317 | HOSE, 1 IN 1BR BLK EPDM X 93  |
| 2 | 1 | 601318 | HOSE, 1 IN 1BR BLK EPDM X 254 |
| 3 | 1 | 601319 | HOSE, 1 IN 1BR BLK EPDM X 336 |
| 4 | 1 | 601240 | HOSE, 1.50 X 84 2F1W EPDM     |
| 5 | 1 | 601346 | HOSE, 1 1/2X142 2FBR BLK EPDM |
| 6 | 1 | 601329 | HOSE, 1.50 X 130 2F1W EPDM    |
| 7 | 2 | 690412 | HOSE SPRING GUARD 2IN X 12 LG |
| 8 | 2 | 690396 | HOSE SPRING GUARD 2IN X 48 LG |
| 9 | 1 | 601217 | HOSE, 1.50 X 24 2F1W EPDM     |



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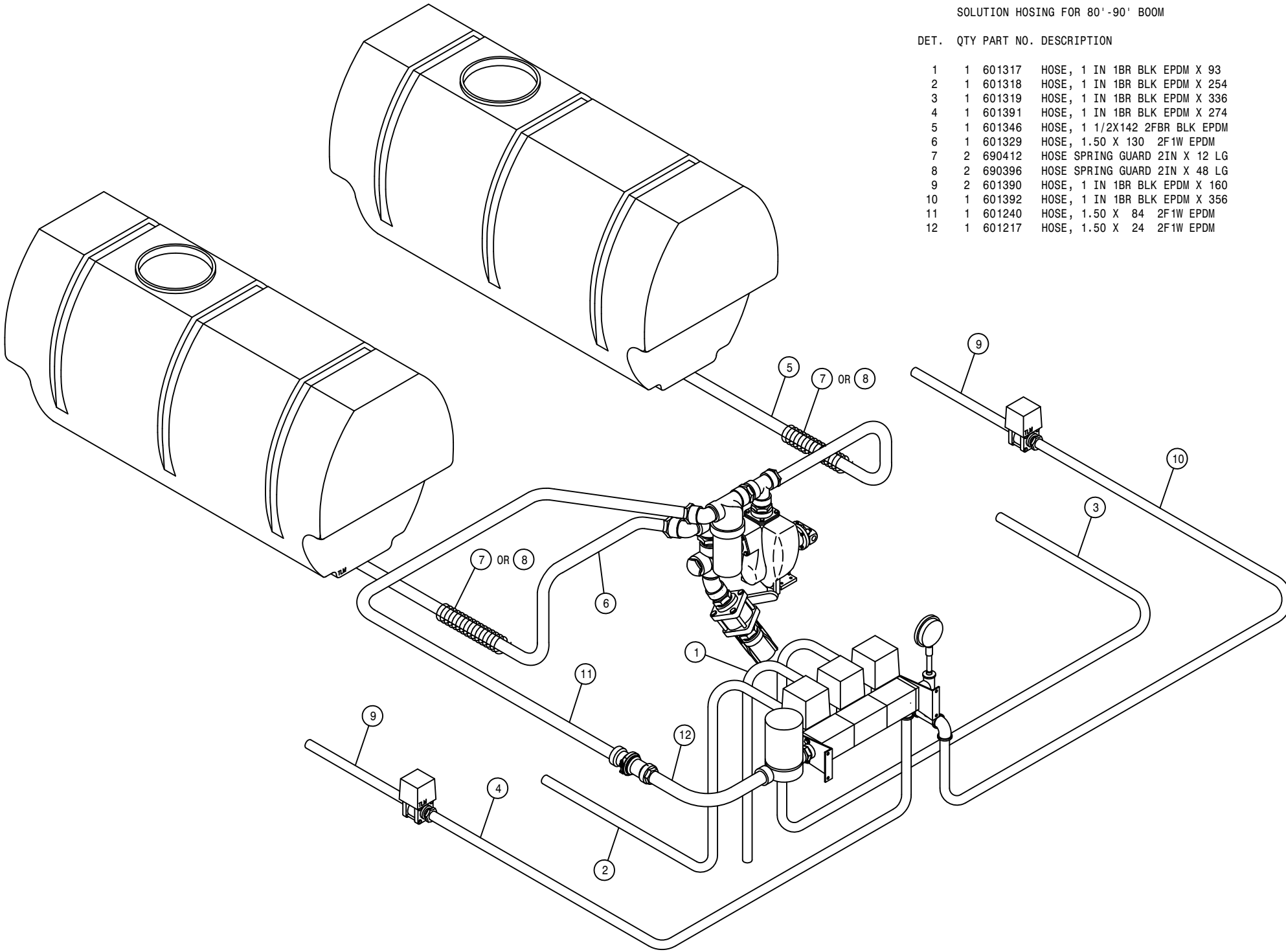
195104



SOLUTION HOISING FOR 80' -90' BOOM

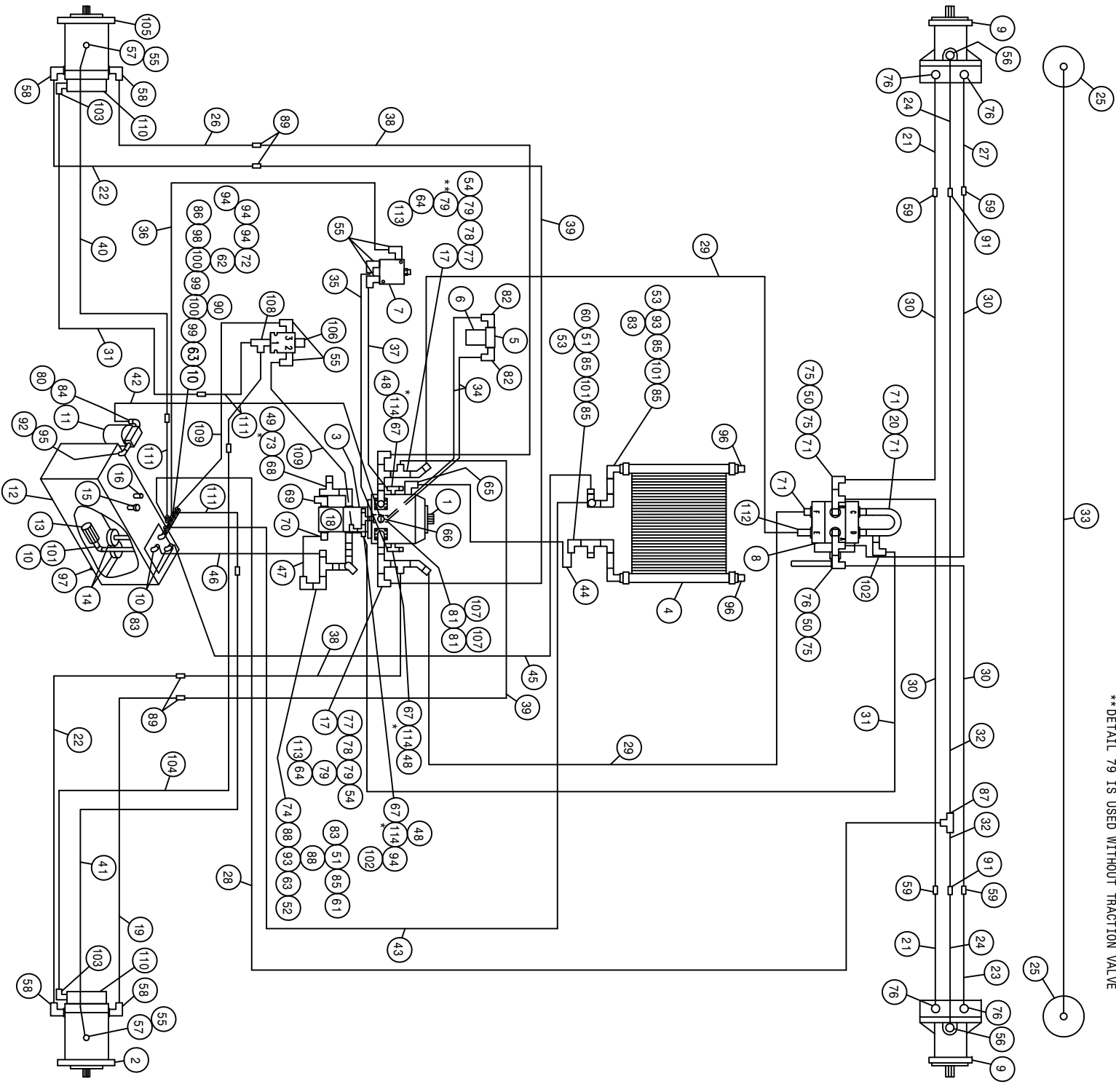
DET. QTY PART NO. DESCRIPTION

|    |   |        |                               |
|----|---|--------|-------------------------------|
| 1  | 1 | 601317 | HOSE, 1 IN 1BR BLK EPDM X 93  |
| 2  | 1 | 601318 | HOSE, 1 IN 1BR BLK EPDM X 254 |
| 3  | 1 | 601319 | HOSE, 1 IN 1BR BLK EPDM X 336 |
| 4  | 1 | 601391 | HOSE, 1 IN 1BR BLK EPDM X 274 |
| 5  | 1 | 601346 | HOSE, 1 1/2X142 2FBR BLK EPDM |
| 6  | 1 | 601329 | HOSE, 1.50 X 130 2F1W EPDM    |
| 7  | 2 | 690412 | HOSE SPRING GUARD 2IN X 12 LG |
| 8  | 2 | 690396 | HOSE SPRING GUARD 2IN X 48 LG |
| 9  | 2 | 601390 | HOSE, 1 IN 1BR BLK EPDM X 160 |
| 10 | 1 | 601392 | HOSE, 1 IN 1BR BLK EPDM X 356 |
| 11 | 1 | 601240 | HOSE, 1.50 X 84 2F1W EPDM     |
| 12 | 1 | 601217 | HOSE, 1.50 X 24 2F1W EPDM     |



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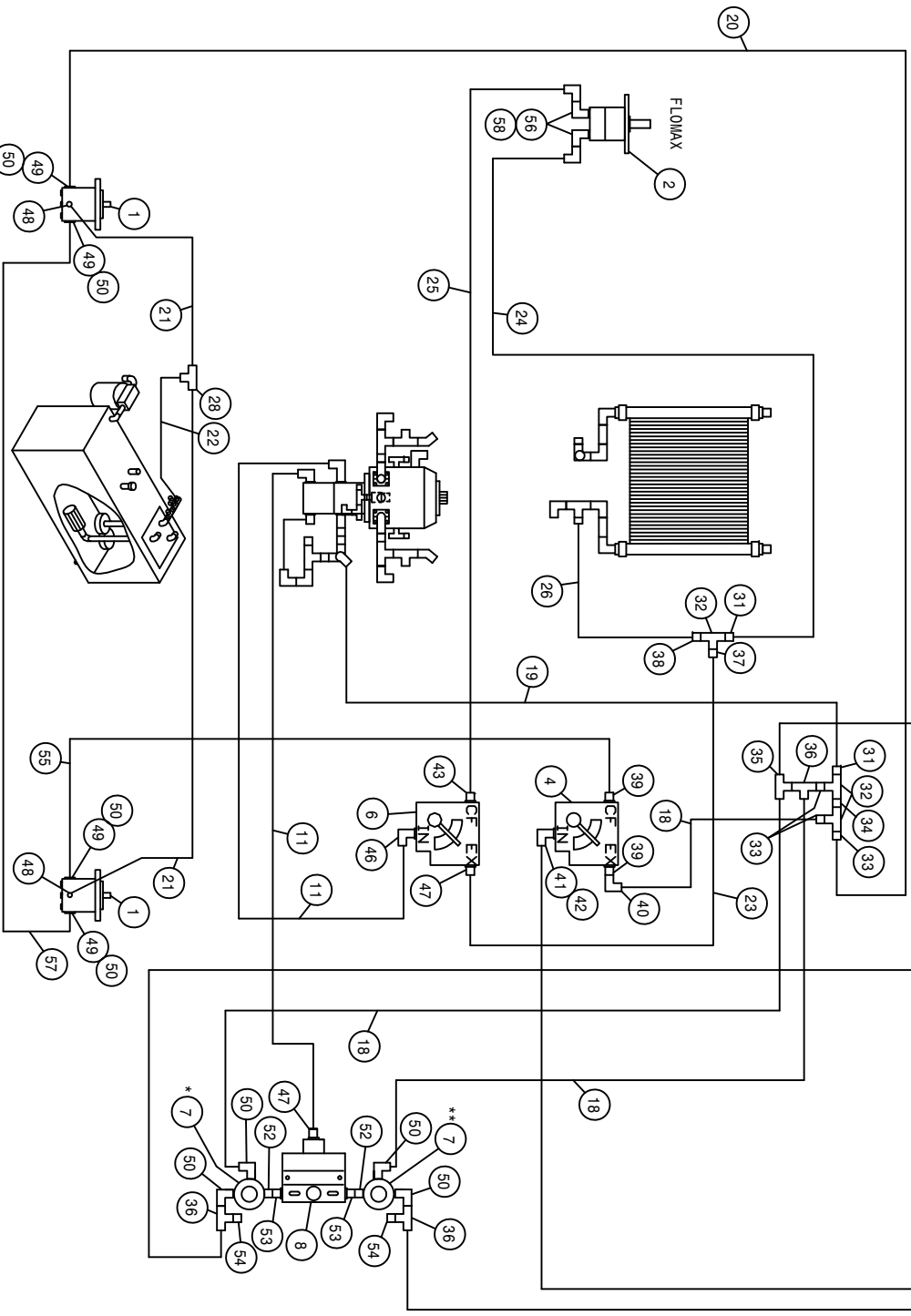
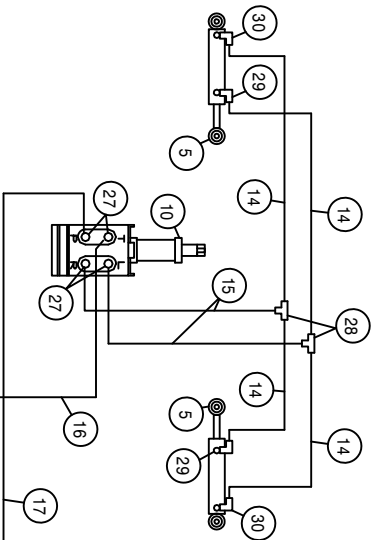
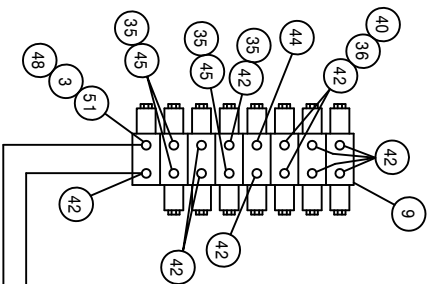
195105



\*NOTE:  
 REFER TO DETAIL 73 TO CHECK AUX. SYSTEM - 1850 PSI  
 REFER TO DETAIL 114 TO CHECK LIMIT SETTING - 4500 PSI  
 REFER TO DETAIL 114 TO CHECK CHARGE PRESSURE - 380 PSI  
 \*\*DETAIL 79 IS USED WITHOUT TRACTION VALVE

284W 144 TRD HYD SCHEM 99  
REFERENCE DRAWING NO. 498554S1

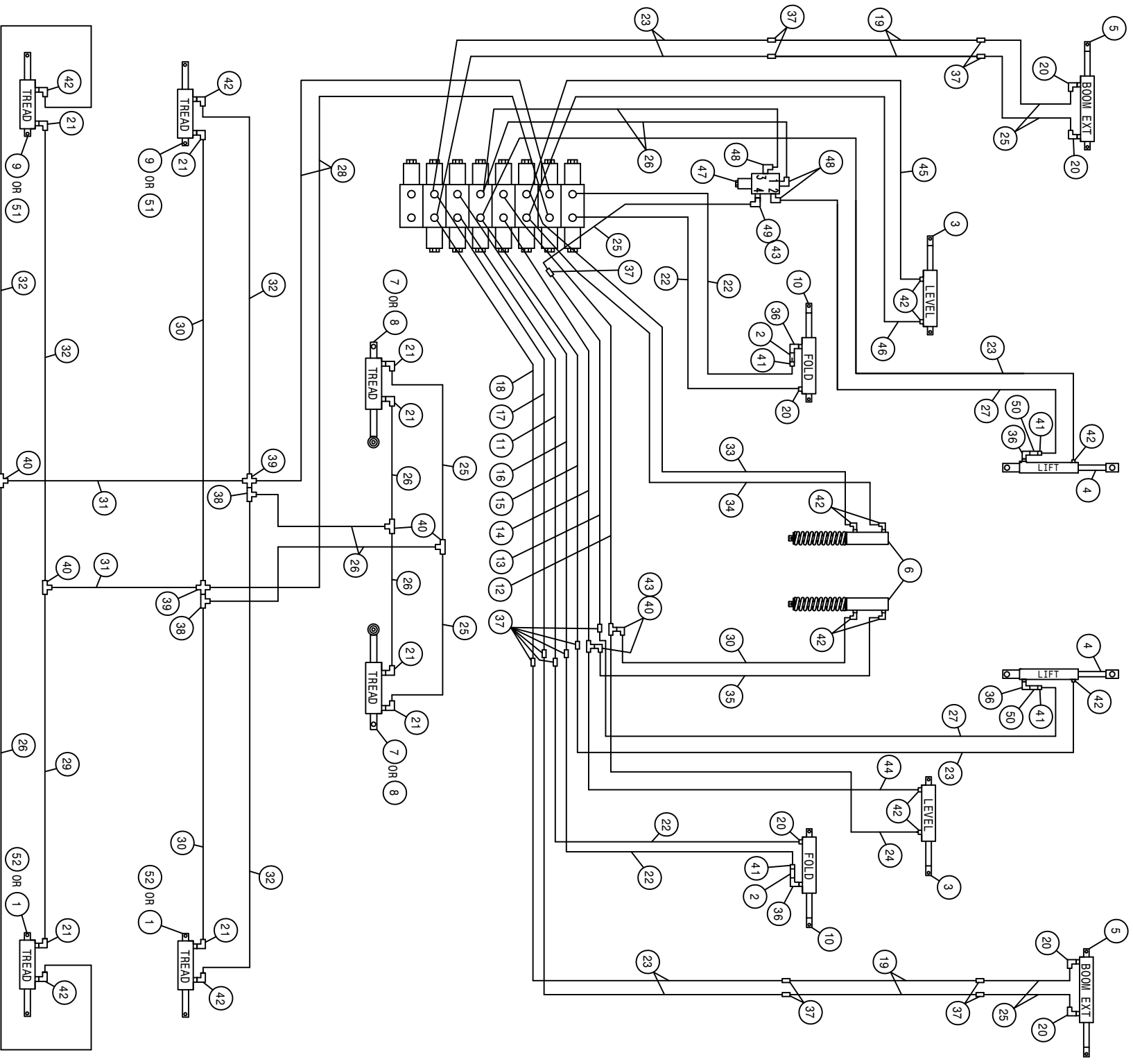
| DET. | QTY | PART NO. | DESCRIPTION                    | DET. | QTY | PART NO. | DESCRIPTION                    |
|------|-----|----------|--------------------------------|------|-----|----------|--------------------------------|
| 1    | 1   | 606954   | SUND 130CC PUMP,B-MT           | 98   | 58  | 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-90-1MNPT         |
| 4    | 1   | 618606   | OIL COOLER, BLISSFIELD 65027   | 61   | 1   | 716000   | 3/4 HOSE BARB-90-1MNPT         |
| 5    | 1   | 605608   | HYD FILTER HEAD, DONALDSON     | 62   | 1   | 504001   | RED BUSH 3/4 X 1/4 BLK MAL     |
| 6    | 1   | 605689   | 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   | 1/4MNPT 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 18WHMT  | 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   | 615703   | REAR LEG HYD TUBE ASSY 284 97  | 79   | 4   | 618619   | 1 5/16FJ SW RUN TEE-15/16MJ    |
| 23   | 1   | 615705   | 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   | 620570   | HYD CYL LEG LEVEL 2.00 X 12    | 82   | 2   | 618474   | 3/4MJIC-90-1 1/16MOR LBO       |
| 26   | 1   | 615707   | LH REAR LEG HYDTUBE ASSY284 97 | 83   | 4   | 714560   | 1NPT X 1 HOSE BARB             |
| 27   | 1   | 615704   | LH FRTLEG OUTRHYDTUBE ASY28496 | 84   | 1   | 715660   | HOSE BARB 1 1/4NPT X 1 1/4     |
| 28   | 1   | 614704   | 06C1T-06FJX-06FJX-156          | 85   | 5   | 505200   | BLK PIPE ST EL 90DEG 1.00NPT   |
| 29   | 2   | 614724   | 12TMM-12FJX-12FJX-106          | 86   | 1   | 618018   | 9/16MJIC-1/2MNPT ADPTR         |
| 30   | 4   | 614726   | 12C2AT-12F3X-12F3X-80          | 87   | 1   | 618019   | 9/16MJIC UNION TEE             |
| 31   | 2   | 614101   | 04C1T-06FJX-06FJX-133          | 88   | 2   | 505105   | 1MNPT HEX PIPE NIPPLE STL      |
| 32   | 2   | 615673   | 06C1T-06FJX-08FJX90-70         | 89   | 4   | 618441   | 1 5/16MJIC-90-1 5/16MJIC LBO   |
| 33   | 1   | 615666   | FRT LEG CYL HOSE, 284W         | 95   | 1   | 713220   | HOSE BARB 3/4 NPT X 3/4        |
| 34   | 2   | 615465   | 08C1T-08FJX-08FJX-33           | 91   | 2   | 618314   | 3/4MJIC UNION                  |
| 35   | 1   | 616042   | 04C1T-06FJX-06FJX-13           | 92   | 1   | 506602   | PIPE NIPPLE 1 1/4NPT-2 1/2     |
| 36   | 1   | 616048   | 04C1T-06FJX-06FJX-35           | 93   | 2   | 505098   | SIDE OUTLET EL 90DEG 1.00NPT   |
| 37   | 1   | 616043   | 04C1T-06FJX-06FJX-23           | 94   | 4   | 618486   | 9/16FJIC SW RUN TEE-9/16MJIC   |
| 38   | 2   | 614728   | 12TMM-16FJX-16FJX-60           | 95   | 1   | 506303   | BLK PIPE EL 90DEG 1.25NPT      |
| 39   | 2   | 614730   | 12TMM-16FJX-16FJX-75           | 96   | 2   | 505102   | PIPE PLUG 1.00NPT SQ HD        |
| 40   | 1   | 614549   | 06C1T-06FJX-06FJX-140          | 97   | 1   | 501102   | 1/4 PIPE PLUG                  |
| 41   | 1   | 615449   | 06C1T-06FJX-06FJX-126          | 98   | 1   | 504210   | RED BUSH 3/4 NPT X 1/2 NPT     |
| 42   | 1   | 601380   | HOSE, 1 1/4 X 35 1FBR-1SP1     | 99   | 2   | 504702   | CLOSE NIPPLE .75NPT            |
| 43   | 1   | 601401   | HOSE, 3/4 X 88 1FBR-1SP1       | 100  | 2   | 504955   | BLK PIPE TEE .75NPT            |
| 44   | 1   | 601403   | HOSE, 1 X 72 1FBR-1SP1         | 101  | 3   | 505203   | BLK PIPE NIPPLE 1.00NPT-4.00   |
| 45   | 1   | 601404   | HOSE, 1 X 87 1FBR-1SP1         | 102  | 2   | 618618   | 9/16MJIC-90-9/16FJIC SWIV LBO  |
| 46   | 1   | 601402   | HOSE, 1 X 53 1FBR-1SP1         | 103  | 2   | 618114   | 9/16MJIC-90-7/16MOR LBO        |
| 47   | 1   | 601383   | HOSE, 3/4 X 8 1FBR-1SP1        | 104  | 1   | 614639   | 04C1T-06FJX-06FJX-126          |
| 48   | 3   | 618531   | 9/16FJIC CAP NUT               | 105  | 1   | 610621   | SUND HYD MOTOR                 |
| 49   | 1   | 618328   | 7/8FJIC SW 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-3/4MNPT ADPTR          | 109  | 2   | 616056   | 04C1T-06FJX-06FJX-32           |
| 53   | 2   | 714331   | 1 NPT X 3/4 HOSE BARB          | 110  | 2   | 828092   | MICO HYD BRAKE                 |
| 54   | 2   | 618640   | 1 5/16MJ-90-1 5/16FJ SWIV LBO  | 111  | 4   | 615676   | 06C1T-06FJX-06MJ-12            |
| 55   | 7   | 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           | 114  | 3   | 618514   | 9/16FJ SW BRANCH TEE-9/16MJ    |



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

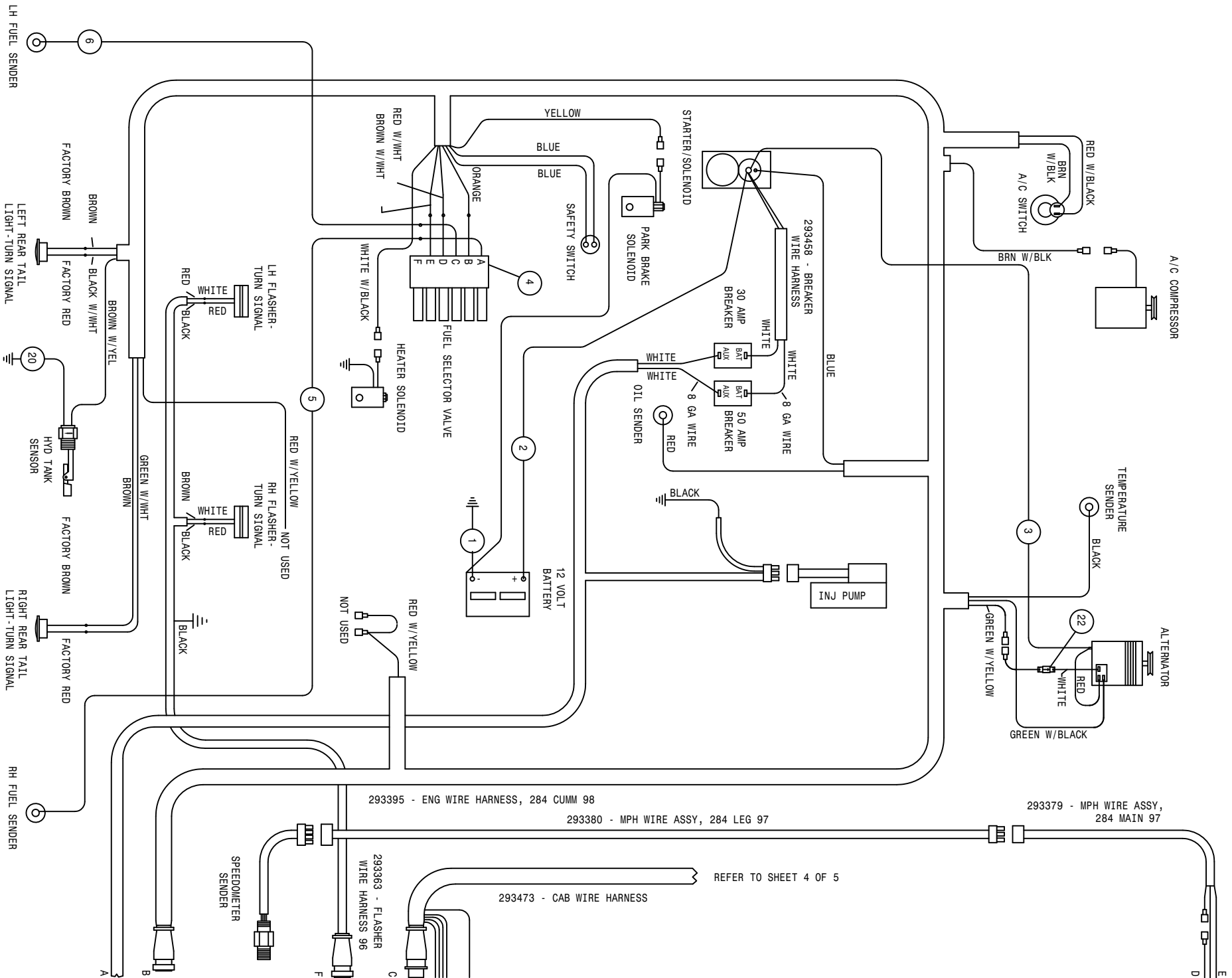
284W 144 TRD HYD SCHEM 99  
REFERENCE DRAWING NO. 498554S2

| DET. | QTY | PART NO. | DESCRIPTION                     | DET. | QTY | PART NO. | DESCRIPTION                   |
|------|-----|----------|---------------------------------|------|-----|----------|-------------------------------|
| 1    | 2   | 610510   | CESSNA GEAR MOTOR 1.48CI        | 30   | 2   | 618338   | 9/16MJIC-45-1/4MNPT LBO       |
| 2    | 1   | 690573   | HYD MOTOR, FLOMAX HI-SPEED      | 31   | 2   | 611147   | 3/4MJIC-1/2MNPT ADPTR         |
| 3    | 1   | 610447   | HYD FILTER, INLINE 1/4FNPT 90M  | 32   | 3   | 503820   | BLK PIPE TEE .50NPT           |
| 4    | 1   | 606827   | FLO CONT FC51 0-3 VARI 7/8FOR   | 33   | 3   | 618018   | 9/16MJIC-1/2MNPT ADPTR        |
| 5    | 2   | 620080   | STRG CYL ASSY 1.50 X 6.0 1985   | 34   | 1   | 503600   | CLOSE NIPPLE .50NPT           |
| 6    | 1   | 606818   | FLO CONT FCR51 0-16GPM 7/8FOR   | 35   | 5   | 618514   | 9/16FJ SW BRANCH TEE-9/16MJ   |
| 7    | 2   | 607512   | RELIEF VALVE, RL50, 1850 PSI    | 36   | 5   | 618486   | 9/16FJIC SW RUN TEE-9/16MJIC  |
| 8    | 1   | 607504   | FLO DIV B50 2-8GPM 7/8 FOR      | 37   | 1   | 618325   | 7/8MJIC-1/2MNPT ADPTR         |
| 9    | 1   | 610569   | 6 SECT, 5 FUNCTN HYD VLV, EATON | 38   | 1   | 712440   | 1/2 NPT X 3/4 HOSE BARB       |
| 10   | 1   | 749150   | STRG MTR NON-LOAD REACT 1008    | 39   | 2   | 618310   | 9/16MJIC-7/8MOR ADPTR         |
| 11   | 2   | 614664   | 10C1T-10FJX-10FJX-98            | 40   | 3   | 618618   | 9/16MJIC-90-9/16FJIC SWIV LBO |
| 12   | 1   | 614693   | 06C1T-06FJX-06FJX-168           | 41   | 1   | 618172   | 7/8MOR-9/16FOR ADPTR          |
| 13   | 1   | 614159   | 04C1T-06FJX-06FJX-169           | 42   | 12  | 618119   | 9/16MJIC-90-9/16MOR LBO       |
| 14   | 4   | 614663   | 04C1T-06FJX-06FJX-16            | 43   | 1   | 618327   | 3/4MJIC-7/8MOR ADPTR          |
| 15   | 2   | 616028   | 04C1T-06FJX-06FJX-47            | 44   | 1   | 618440   | 9/16MJIC-90-9/16MOR EX LG LBO |
| 16   | 1   | 611204   | 04C1T-06FJX-06FJX-78            | 45   | 3   | 618126   | 9/16MJIC-9/16MOR ADPTR        |
| 17   | 1   | 616040   | 04C1T-06FJX-06FJX-67            | 46   | 1   | 611128   | 7/8MJIC-90-7/8MOR LBO         |
| 18   | 3   | 616026   | 04C1T-06FJX-06FJX-37            | 47   | 2   | 611126   | 7/8MJIC-7/8MOR ADPTR          |
| 19   | 1   | 616057   | 08C1T-08FJX-08FJX-88            | 48   | 3   | 611121   | 9/16MJIC-1/4MNPT ADPTR        |
| 20   | 1   | 614549   | 06C1T-06FJX-06FJX-140           | 49   | 4   | 618092   | 1 1/16MOR-1/2FNPT ADPTR       |
| 21   | 2   | 614308   | 04C1T-06FJX-06FJX-109           | 50   | 8   | 618107   | 9/16MJIC-90-1/2MNPT LBO       |
| 22   | 1   | 615452   | 06C1T-06FJX-06FJX-16            | 51   | 1   | 618562   | 9/16MOR-90-1/4MNPT LBO        |
| 23   | 1   | 615521   | 10C1T-10FJX-10FJX-18            | 52   | 2   | 500000   | 1/2MNPT HEX PIPE NIPPLE STL   |
| 24   | 1   | 615465   | 08C1T-08FJX-08FJX-33            | 53   | 2   | 618072   | 7/8MOR-1/2FNPT ADPTR          |
| 25   | 1   | 614662   | 08C1T-08FJX-08FJX-72            | 54   | 2   | 618531   | 9/16FJIC CAP NUT              |
| 26   | 1   | 601384   | HOSE, 3/4 X 40 JFBR-1SPI        | 55   | 1   | 615677   | 06C1T-06FJX-06FJX-180         |
| 27   | 4   | 618496   | 9/16MJIC-45-3/4MOR LBO          | 56   | 2   | 618241   | 3/4MJIC-90-3/4MOR LBO         |
| 28   | 3   | 618019   | 9/16MJIC UNION TEE              | 57   | 1   | 615678   | 06C1T-06FJX-06FJX-190         |
| 29   | 2   | 611122   | 9/16MJIC-90-1/4MNPT LBO         | 58   | 2   | 618609   | 3/4MJIC-90-3/4FJIC SWIV LBO   |

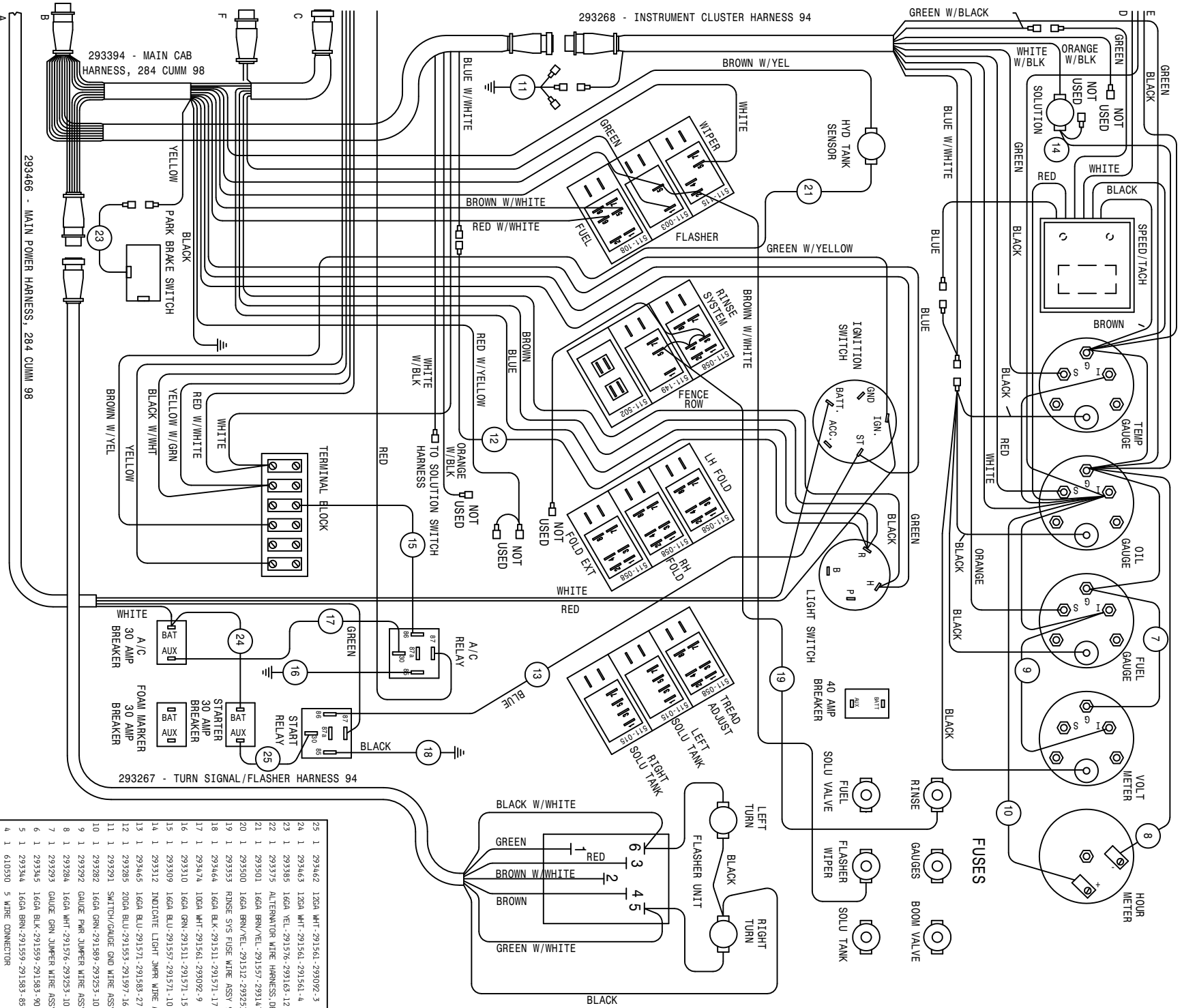


284W 144 TRD HYD SCHEM 99  
REFERENCE DRAWING NO. 498554S3

| DET. | QTY | PART NO. | DESCRIPTION                    | DET. | QTY | PART NO. | DESCRIPTION                      |
|------|-----|----------|--------------------------------|------|-----|----------|----------------------------------|
| 1    | 2   | 620120   | CYL ASSY,RH LEG, TREAD ADJ 94  | 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   | 620585   | LEVEL CYL ASSY, 2 X 10         | 29   | 1   | 616042   | 04C1T-06FJX-06FJX-13             |
| 4    | 2   | 620701   | LIFT CYL ASSY,2.50 X 14.00" 99 | 30   | 3   | 616049   | 04C1T-06FJX-06FJX-26             |
| 5    | 2   | 620664   | CYL ASSY,BOOM FOLD 2.50X18" 98 | 31   | 2   | 614308   | 04C1T-06FJX-06FJX-109            |
| 6    | 2   | 620632   | ACCUMULATOR CYL ASSY           | 32   | 4   | 616026   | 04C1T-06FJX-06FJX-37             |
| 7    | 2   | 620123   | CYL ASSY,STRG,125" TREAD ADJ94 | 33   | 1   | 616037   | 04C1T-06FJX-06FJX-29             |
| 8    | 2   | 620122   | CYL ASSY,STRG,90" TREAD ADJ 94 | 34   | 1   | 614713   | 04C1T-06FJX-06FJX-24             |
| 9    | 2   | 620121   | CYL ASSY,LH LEG, TREAD ADJ 94  | 35   | 1   | 614712   | 04C1T-06FJX-06FJX-20             |
| 10   | 2   | 620652   | FOLD CYL ASSY, 2 X 10 IN       | 36   | 4   | 618633   | 1/2MNP-90-1/4MNP REDU LBO        |
| 11   | 1   | 615671   | FOLD HYD TUBE ASSY, IN 284W 95 | 37   | 15  | 619010   | 9/16MJIC UNION                   |
| 12   | 1   | 615669   | LEV HYD TUBE ASSY,UP 284W 95   | 38   | 2   | 618486   | 9/16FJIC SW RUN TEE-9/16MJIC     |
| 13   | 1   | 615667   | LIFT HYD TUBE ASSY,UP 284W 95  | 39   | 2   | 618320   | 9/16MJIC UNION CROSS             |
| 14   | 1   | 615670   | LEV HYD TUBE ASSY, DN 284W 95  | 40   | 6   | 618019   | 9/16MJIC UNION TEE               |
| 15   | 1   | 615668   | LIFT HYD TUBE ASSY, DN 284W 95 | 41   | 4   | 618018   | 9/16MJIC-1/2MNP ADPTR            |
| 16   | 1   | 615672   | FOLD HYD TUBE ASSY,OUT284W 95  | 42   | 14  | 611122   | 9/16MJIC-90-1/4MNP LBO           |
| 17   | 1   | 615686   | BOOM HYD TUBE ASSY,OUT 284W96  | 43   | 3   | 618618   | 9/16MJIC-90-9/16FJIC SMIV LBO    |
| 18   | 1   | 615685   | BOOM HYD TUBE ASSY,IN 284W96   | 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   | 614365   | RESTRICTOR ELBOW ASSY .042DIA  | 46   | 1   | 616059   | 04C1T-06FJX-06FJX-33             |
| 21   | 8   | 614710   | RESTRICTOR ELBOW ASSY .025DIA  | 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   | 2   | 610675   | RESTRICTOR,.042 1-WAY, 1/2FNPT   |
| 25   | 7   | 616043   | 04C1T-06FJX-06FJX-23           | 51   | 2   | 620662   | CYL ASSY, TRD ADJ, LH284, RH2100 |
| 26   | 7   | 614663   | 04C1T-06FJX-06FJX-16           | 52   | 2   | 620659   | CYL ASSY, TRD ADJ, RH284, LH2100 |

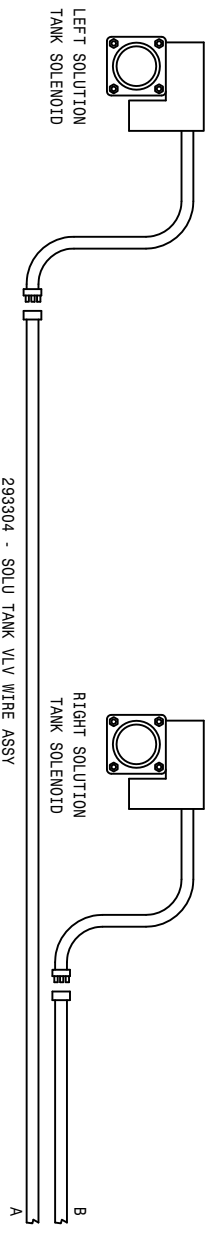
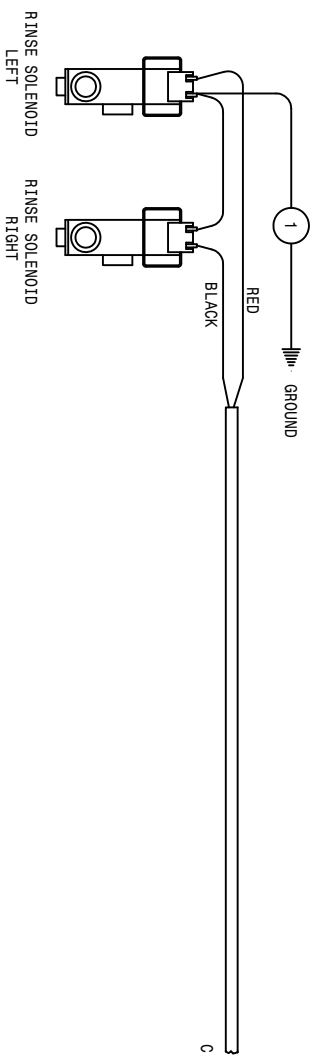




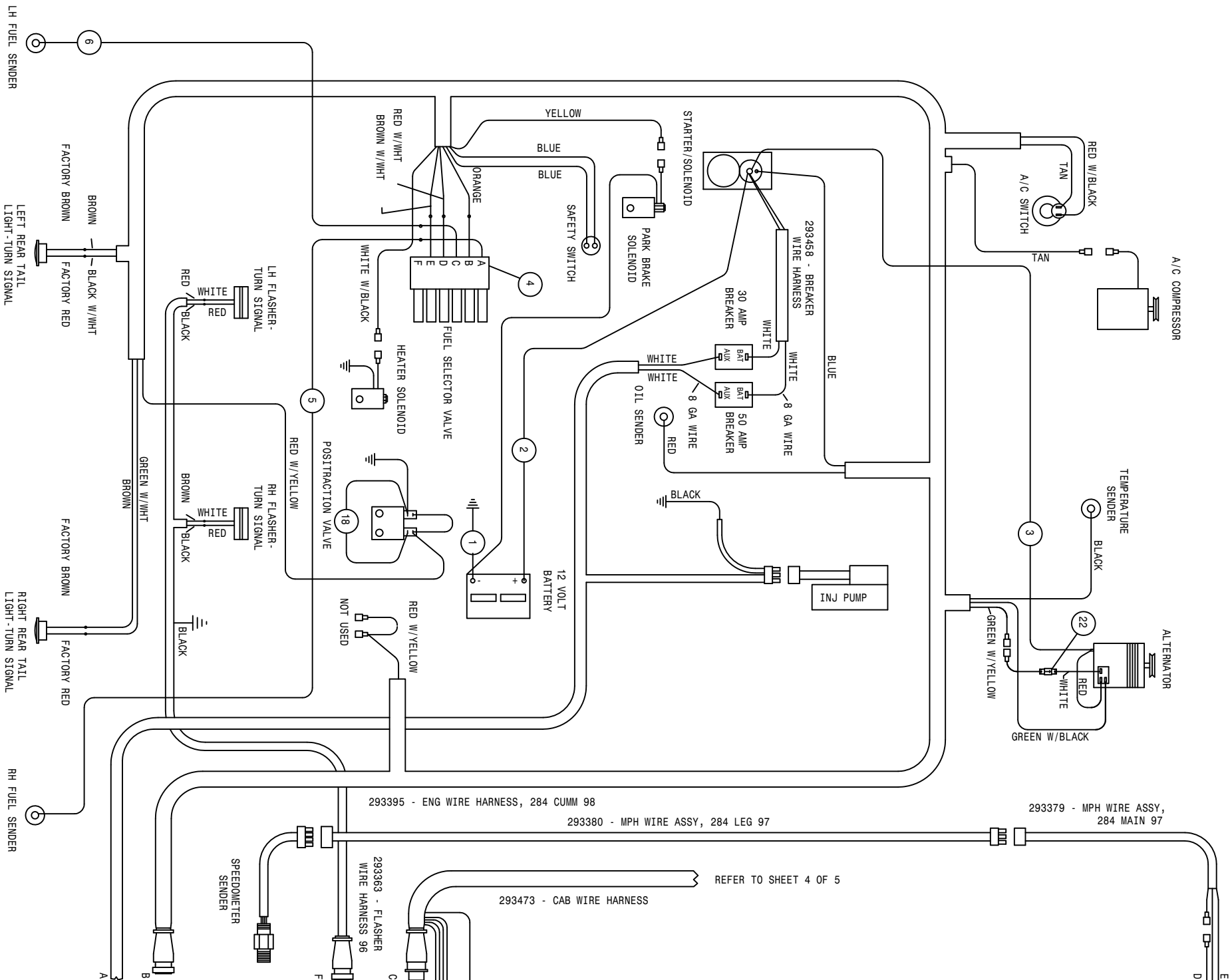


|     |   |        |                                |
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| 225 | 1 | 293462 | 120A WHT-29156L-293092-3       |
| 24  | 1 | 293463 | 120A WHT-29156L-29156L-4       |
| 23  | 1 | 293385 | 16GA YEL-291576-293163-12      |
| 22  | 1 | 293375 | ALTERNATOR WIRE HARNESS, DELCO |
| 21  | 1 | 293501 | 16GA BRN/VEL-29157-293147-35   |
| 20  | 1 | 293500 | 16GA BRN/VEL-291512-29253-16   |
| 19  | 1 | 293555 | RINSE SYS FUSE WIRE ASSY 96    |
| 18  | 1 | 293464 | 16GA BLK-291511-291571-17      |
| 17  | 1 | 293474 | 100A WHT-29156L-293092-9       |
| 16  | 1 | 293310 | 16GA GRN-291511-291571-15      |
| 15  | 1 | 293509 | 16GA GRN-291571-291583-27      |
| 14  | 1 | 293312 | INDICATE LIGHT JMR WIRE ASSY   |
| 13  | 1 | 293465 | 16GA BLU-291571-291583-27      |
| 12  | 1 | 293285 | 200A BLU-291553-291597-16      |
| 11  | 1 | 293291 | SWITCH/GAUGE GND WIRE ASSY     |
| 9   | 1 | 293292 | GAUGE PAR. JUMPER WIRE ASSY    |
| 8   | 1 | 293284 | 16GA WHT-291576-293253-10      |
| 7   | 1 | 293293 | GAUGE GRN JUMPER WIRE ASSY     |
| 6   | 1 | 293345 | 16GA BLK-291559-291583-90      |
| 5   | 1 | 293344 | 16GA BRN-291559-291583-85      |
| 4   | 1 | 610530 | 5 WIRE CONNECTOR               |
| 3   | 1 | 291029 | 100A BLU-291513-291587-30      |
| 2   | 1 | 291128 | BATTERY CABLE 48IN             |
| 1   | 1 | 291530 | BATTERY GROUND STRAP 23"       |

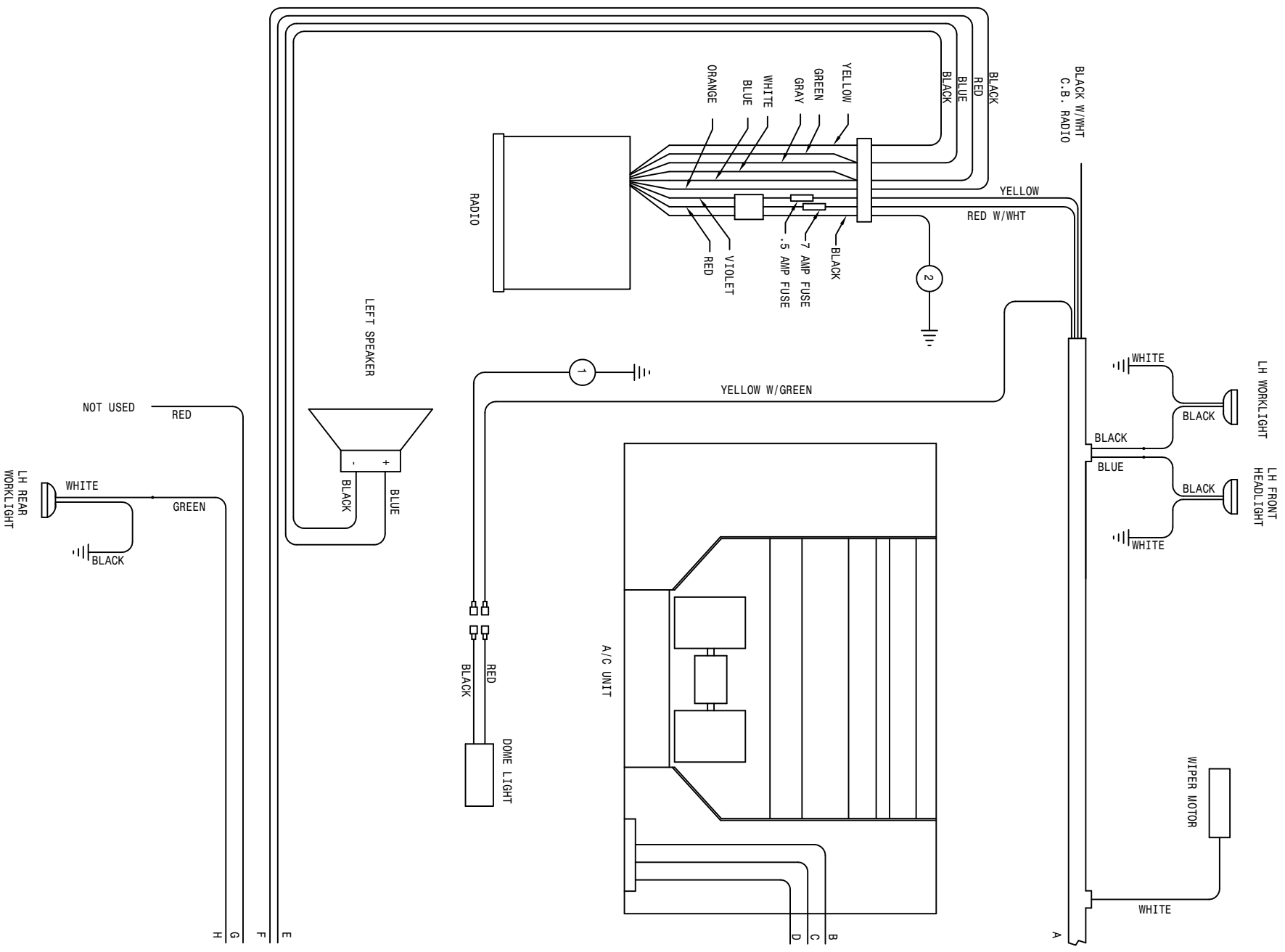
CUMM WIRING DIAGRAM 99  
 284W  
 SHEET 1 OF 5  
 REVISION DATE: 07-20-01  
 498545

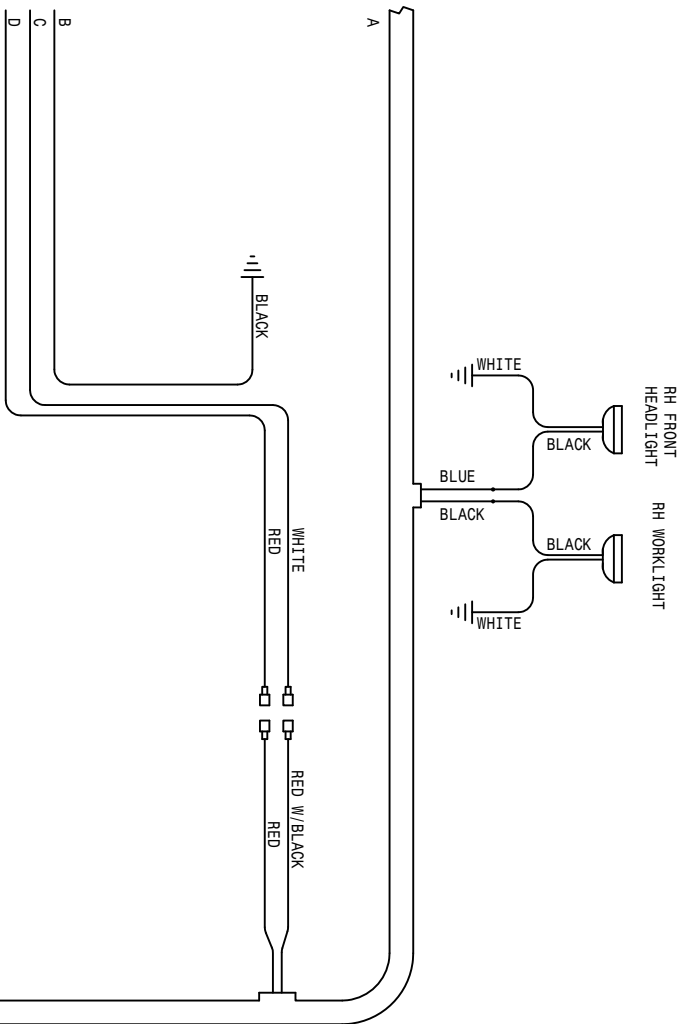




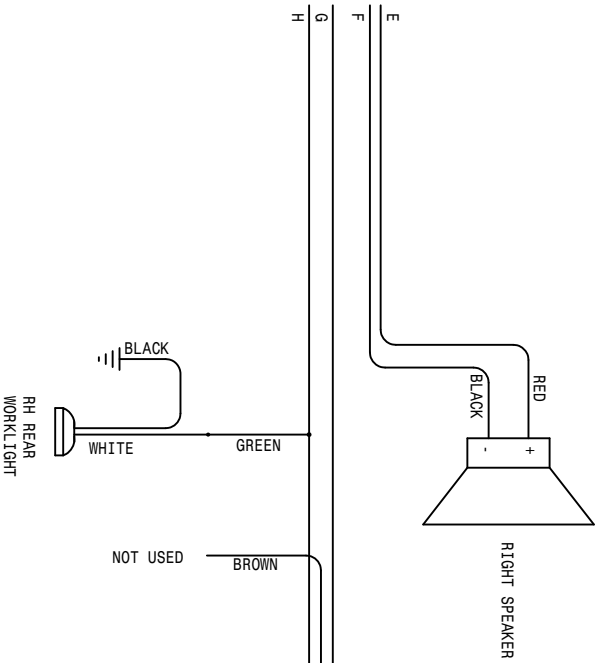






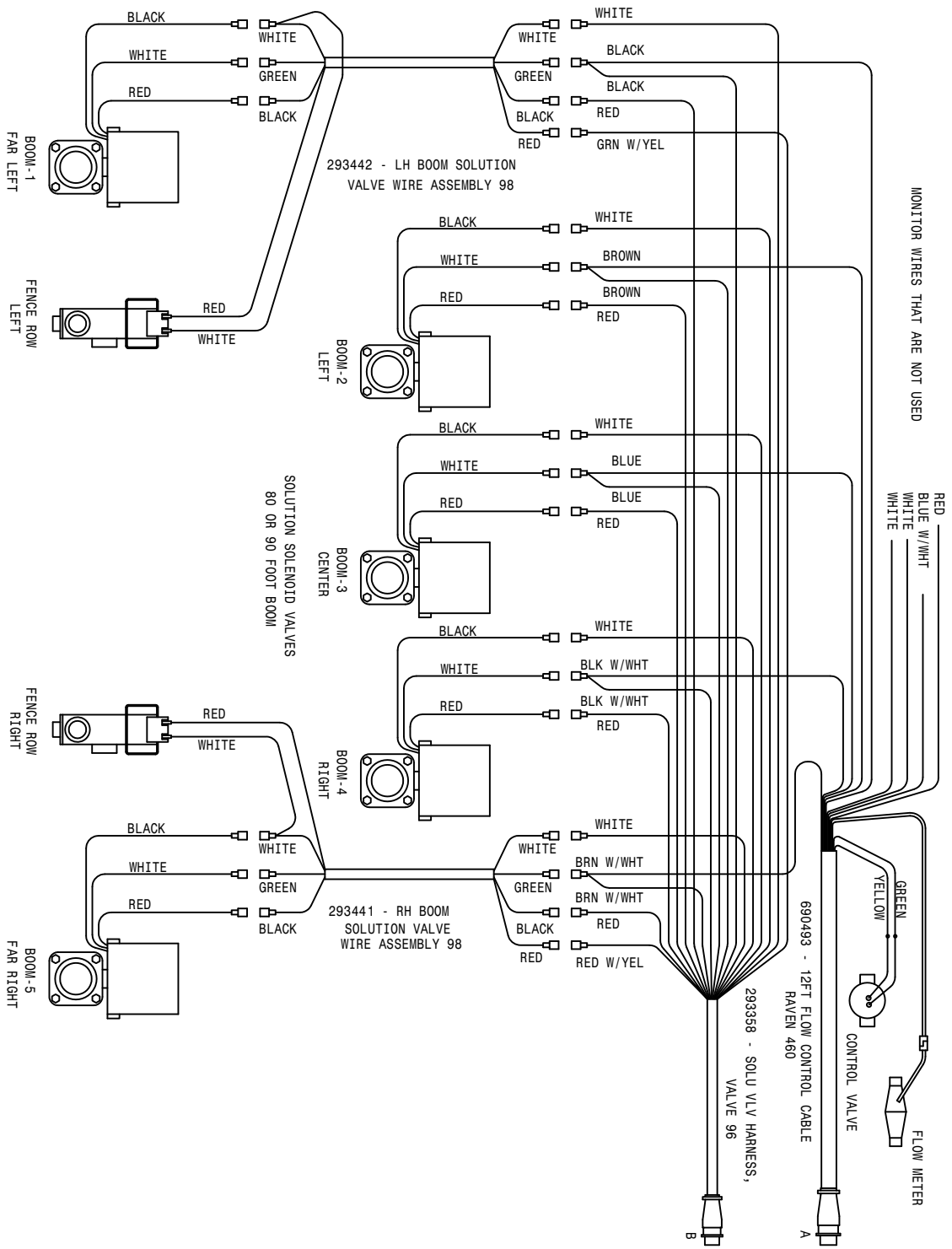
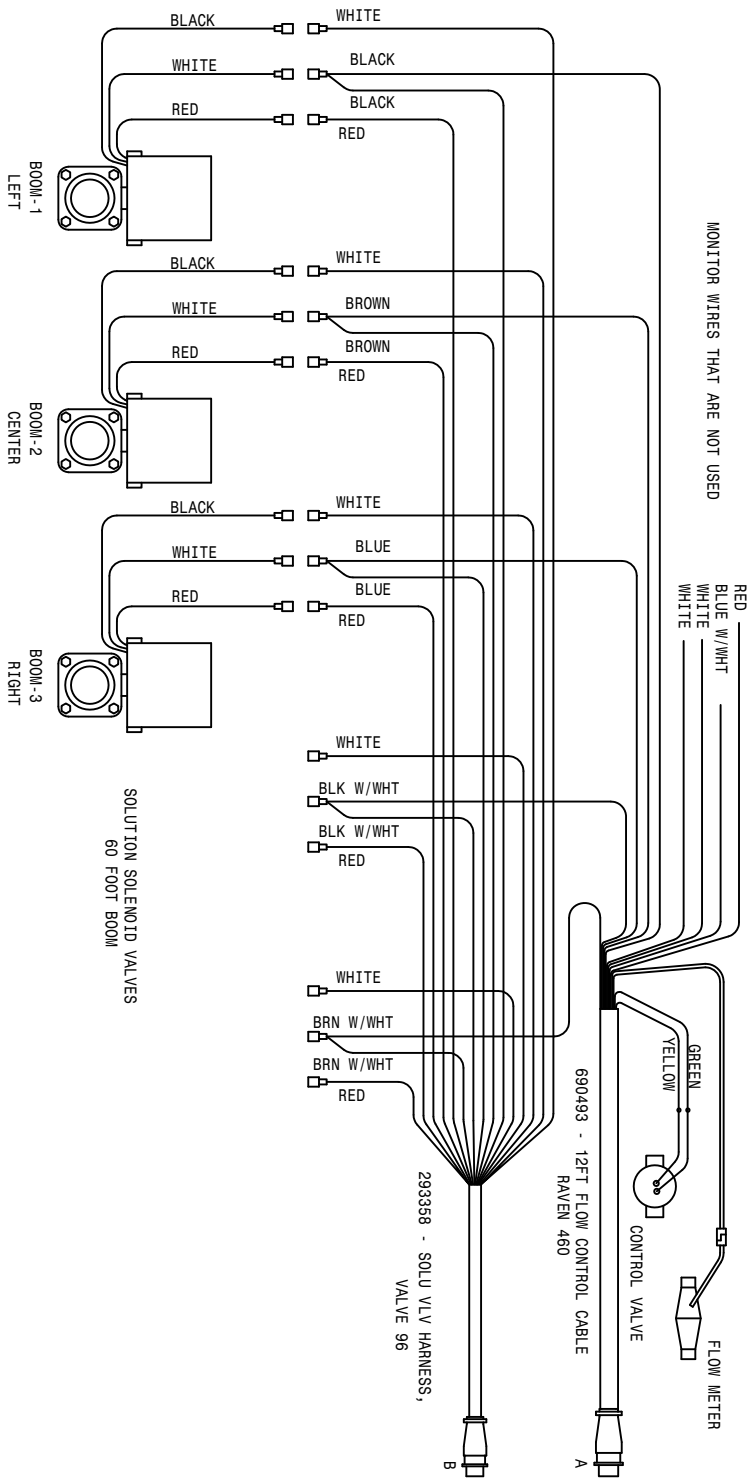


293473 - CAB WIRE HARNESS

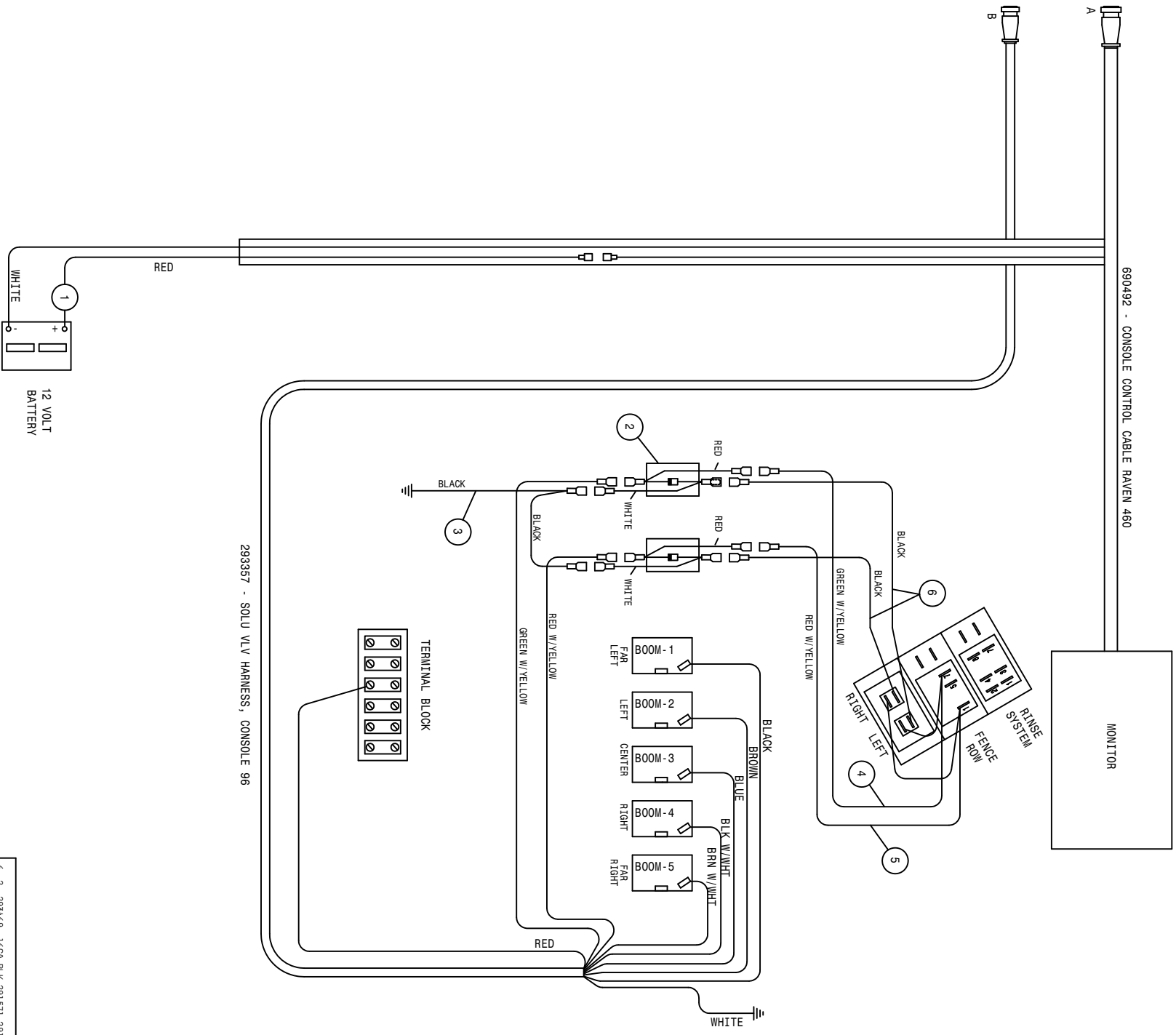


REFER TO SHEET 1 OF 4

|                               |   |        |      |                      |     |
|-------------------------------|---|--------|------|----------------------|-----|
| 2                             | 1 | 293300 | 16GA | BLK-291511-291571-18 | TLW |
| 1                             | 1 | 293299 | 16GA | BLK-291511-291571-30 |     |
| <b>CUMM WIRING DIAGRAM 99</b> |   |        |      |                      |     |
| <b>284W</b>                   |   |        |      |                      |     |
| SHEET 4 OF 5                  |   |        |      |                      |     |
| REVISION DATE:                |   |        |      |                      |     |
| <b>498545</b>                 |   |        |      |                      |     |







|   |   |        |                           |
|---|---|--------|---------------------------|
| 6 | 2 | 293469 | 16GA BLK-291571-291571-11 |
| 5 | 1 | 293470 | RH FENCE ROW SWITCH WIRE  |
| 4 | 1 | 293471 | LH FENCE ROW SWITCH WIRE  |
| 3 | 1 | 293472 | FENCE ROW SWITCH QND WIRE |
| 2 | 2 | 293317 | DIODE SHUNT CABLE ASSY    |
| 1 | 1 | 293149 | 14GA RED-291599-291590-26 |

CUMM WIRING DIAGRAM 99  
284W  
06-22-88  
TUM  
498545  
SHEET 5 OF 5  
REVISED DATE: 03-24-98

# NOTICE

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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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