

# Parts Manual



**AUTOMIZER 2010**



 **labrie**  
Labrie **Enviroquip** Group

equipment for the solid waste industry

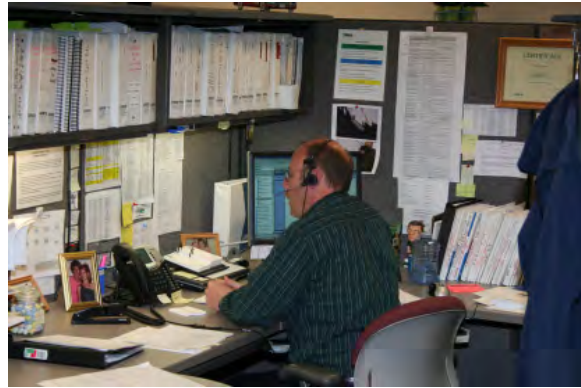


**WITTKE**

# labrie*plus*

Thank you for your purchase of a new Labrie Automizer. To ensure maximum reliability, Insist on genuine **labrieplus** replacement parts. Labrie Plus replacement parts are designed and manufactured to exacting standards. The use of counterfeit, will-fit or substitute parts may effect the operation and performance of the unit.

Visit our web site at [www.labriepius.com](http://www.labriepius.com), or contact us at 1-800-231-2771, twenty four hours a day, seven days a week. We are available to help you with any questions or concerns



# TABLE OF CONTENTS

|                                      |          |
|--------------------------------------|----------|
| <b>LABRIE PLUS</b> . . . . .         | <b>1</b> |
| <b>TABLE OF CONTENTS</b> . . . . .   | <b>2</b> |
| <b>CAPSCREW MARKING and</b>          |          |
| <b>TORQUE VALUES CHART</b> . . . . . | <b>3</b> |

## SECTION 1 Body

|                                                               |    |
|---------------------------------------------------------------|----|
| Decals . . . . .                                              | 5  |
| Clean out door w/HH Arm . . . . .                             | 12 |
| Clean out door . . . . .                                      | 13 |
| Clean out door - Full Eject . . . . .                         | 14 |
| Hopper Side Door W/HH arm . . . . .                           | 15 |
| Hopper Side Door WRH arm . . . . .                            | 17 |
| Side Door Ladder- std. . . . .                                | 19 |
| Side Door Ladder - W/HH arm . . . . .                         | 20 |
| Side Door Ladder - Full Eject . . . . .                       | 23 |
| Valve Cover - Main and Arm Valve . . . . .                    | 25 |
| Valve Covers - Main and Arm Units W/HH Arm . . . . .          | 26 |
| Covers/Scraper - Inside Hopper - Units W/HH Arm . . . . .     | 27 |
| Front Body Encl./Pin Covers Units W/HH Arm . . . . .          | 28 |
| Fenders . . . . .                                             | 29 |
| Fenders - Units W/HH Arm . . . . .                            | 31 |
| Body Guides . . . . .                                         | 32 |
| Mud Flaps, Fender Mtg - Anti-Sail . . . . .                   | 33 |
| Mud Flaps, Fender Mtg - W/ Chain . . . . .                    | 34 |
| Mud Flaps, Tailgate Mtg . . . . .                             | 35 |
| Side Panels - Body . . . . .                                  | 36 |
| Side Panels Units W/HH Arm . . . . .                          | 37 |
| Enclosure, Tube - lower rear body - W/HH Arm . . . . .        | 38 |
| Enclosure, Tube - Lower Rear Body . . . . .                   | 39 |
| Hopper Cover - Units W/HH Arm . . . . .                       | 40 |
| Crusher Panel - W/HH Arm . . . . .                            | 41 |
| Crusher Panels . . . . .                                      | 44 |
| Packer Panel - Std . . . . .                                  | 45 |
| Packer Panel Full Eject Units before AU 14116NIA . . . . .    | 47 |
| Packer Panel Full Eject Unit AU14116NIA and after . . . . .   | 49 |
| Packer Panel W/ Helping Hand Arm . . . . .                    | 51 |
| Grease Lines for Body Floor Rails - Units W/HH Arm . . . . .  | 53 |
| Tailgate Weldments - Full Tailgate . . . . .                  | 54 |
| Tailgate Weldments Split Tailgate . . . . .                   | 55 |
| Tailgate Installation - Full Tailgate . . . . .               | 57 |
| Tailgate Installation - Split Tailgates . . . . .             | 59 |
| Tailgate Latch - Split Tailgate . . . . .                     | 61 |
| Panels . . . . .                                              | 63 |
| Chute Components- 60/40 Split . . . . .                       | 65 |
| Chute Components- 40/60 Split . . . . .                       | 67 |
| Partition Blade Installation . . . . .                        | 69 |
| ICC Bumper - Full Width . . . . .                             | 70 |
| ICC Bumper - Split Bumper . . . . .                           | 71 |
| Upper Light Panels - 0,2 & 4 Yard . . . . .                   | 73 |
| Upper Light Panels - 6 Yard . . . . .                         | 75 |
| Lower TG Light Panels . . . . .                               | 77 |
| <b>SECTION 2 Hydraulics</b>                                   |    |
| Crusher Hyds - Full Panel - Units W/ HH Arm . . . . .         | 79 |
| Crusher Hyds - Full Panel . . . . .                           | 81 |
| Packer Hyds - Full Eject, Unit before AU14116NIA . . . . .    | 83 |
| Packer Hyds Regen Circuit . . . . .                           | 85 |
| Packer Hyds - Valve to Tee - Units W/HH Arm . . . . .         | 88 |
| Packer Hyds - Full Eject, Unit AU14116NIA and after . . . . . | 89 |
| Packer Hyds - Units W/HH Arm . . . . .                        | 92 |
| Packer Hyds - JIC . . . . .                                   | 93 |
| Packer Hyds - ORFS . . . . .                                  | 95 |
| Press./ RTN. Main valve Hyds - Units W/HH Arm . . . . .       | 97 |

|                                                                       |     |
|-----------------------------------------------------------------------|-----|
| Press./RTN. Main Valve Hyds - Air Actuated . . . . .                  | 99  |
| Press./RTN. Main Valve Hyds - Air Actuated - Full Eject               | 101 |
| Press./RTN. Main Valve Hyds - Elec Actuated . . . . .                 | 103 |
| Body Tilt Hyds - Units W/HH Arm . . . . .                             | 106 |
| Body Tilt Hyds- Valve to Cylinder . . . . .                           | 107 |
| Valve To Cylinder- Elec Valve . . . . .                               | 109 |
| Front Body Hyds - Air/ Elec Valve . . . . .                           | 111 |
| Crusher Hyds- 40% & 50% Panel - RS . . . . .                          | 113 |
| Crusher Hyds - 40% Panels - LS . . . . .                              | 115 |
| Chute Hyds . . . . .                                                  | 117 |
| Rear Door Hyds - Main Valve -Rear - Units W/HH Arm . . . . .          | 119 |
| Rear Door Hyds - Full - JIC/ORFS . . . . .                            | 121 |
| Rear Door Hyds - Split - JIC . . . . .                                | 123 |
| Rear Door Hyds - Split - ORFS . . . . .                               | 125 |
| Body Tilt Cylinder Mounts . . . . .                                   | 127 |
| Valve To Arm Hyds RH Arms . . . . .                                   | 129 |
| Arm Valve To Rear Body Press/Rtn . . . . .                            | 131 |
| Arm Valve To Rear Body Press/Rtn - Full Eject . . . . .               | 133 |
| Arm Valve to Rear Body Press/Rtn -Units W/ HH Arm . . . . .           | 135 |
| Oil Reservoir - Underslung Style . . . . .                            | 137 |
| Oil Res.- Behind Cab-Full Ejec Unit AU14116NIA and After . . . . .    | 139 |
| Oil Res - Units W/HH Arm . . . . .                                    | 141 |
| Return Filter - HYF20014 . . . . .                                    | 143 |
| Clamps and Accessories . . . . .                                      | 144 |
| <b>SECTION 3 Valves</b>                                               |     |
| Holding Valve - HYV02670 . . . . .                                    | 147 |
| Control Valve Air Actuated - HYV05120 . . . . .                       | 148 |
| Control Valve, HYV05197 - Air Actuated . . . . .                      | 149 |
| Control Valve - Air Actuated - Full Eject Unit - HYV05169 - . . . . . | 150 |
| Unit AU14116NIA and before . . . . .                                  | 150 |
| Control Valve - Air Actuated - Full Eject Unit - HYV05205 - . . . . . | 151 |
| Unit AU14116NIA and After . . . . .                                   | 151 |
| Control Valve - Elec - HYV05206 . . . . .                             | 152 |
| Control Valve - Elec - HYV05199 . . . . .                             | 153 |
| Dump Valve Assembly - Full Eject . . . . .                            | 154 |
| Dump Valve - HYV01579 . . . . .                                       | 155 |
| <b>SECTION 4 Pump</b>                                                 |     |
| Pump - HYP01496-01 . . . . .                                          | 156 |
| Pump - HYP01499 . . . . .                                             | 157 |
| Pump - HYP01498 - Units W/HH Arm . . . . .                            | 158 |
| <b>SECTION 5 Cylinders</b>                                            |     |
| Chute Cylinder . . . . .                                              | 159 |
| Packer Cylinders . . . . .                                            | 160 |
| Body Hoist Cylinder . . . . .                                         | 161 |
| Crusher Panel Cylinder . . . . .                                      | 162 |
| Tailgate Lift Cylinder . . . . .                                      | 163 |
| Packer Cylinders - Full Eject Units . . . . .                         | 164 |
| <b>SECTION 6 Controls</b>                                             |     |
| Joystick Mount - Autocar . . . . .                                    | 165 |
| Joystick Mount - Peterbilt . . . . .                                  | 166 |
| Joystick Mount - Adjustable - International . . . . .                 | 167 |
| Dual Joystick Mount - Mack LE . . . . .                               | 169 |
| <b>SECTION 7 Electrical</b>                                           |     |
| Chute Proximity Sensors . . . . .                                     | 171 |
| Rear Door Fully Open Sensor . . . . .                                 | 172 |
| Rear Door Unlocked/Ajar Sensor . . . . .                              | 173 |
| Tailgate Unlocked Sensor . . . . .                                    | 174 |
| Crusher Switch . . . . .                                              | 176 |
| Packer Panel Sensors . . . . .                                        | 177 |
| Packer Panel Sensors - Full Eject. -Units Before AU14116NIA . . . . . | 178 |
| Packer Panel Sensors - Full Eject. - . . . . .                        | 180 |
| Unit AU14116NIA and After . . . . .                                   | 180 |
| Air Valve Enclosure (Mac Valves) . . . . .                            | 181 |
| Miscellaneous Electrical Components . . . . .                         | 183 |
| Lighting Components . . . . .                                         | 186 |

## CAPSCREW MARKING AND TORQUE VALUES

| Usage                                                                                                                                                                               | Much Used                                                                         | Used at Times                                                                                                                                                              | Used at Times                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Capscrew Diameter & Minimum Tensile Strength PSI                                                                                                                                    | To 3/4 - 120,000<br>To 1 - 115,000                                                | To 5/8 - 140,000<br>To 3/4 - 133,000                                                                                                                                       | 150,000                                                                             |
| Quality of Material                                                                                                                                                                 | Min. Commercial                                                                   | Med. Commercial                                                                                                                                                            | Best Commercial                                                                     |
| SAE Grade Number                                                                                                                                                                    | 5                                                                                 | 6 or 7                                                                                                                                                                     | 8                                                                                   |
| CAPSCREW HEAD MARKINGS<br>Manufacturers marks may vary.<br>These are all SAE Grade 5 (3-line.)<br> |  | <br> |  |
| Capscrew Body Size (Inches) - (Thread)                                                                                                                                              | Torque Ft-Lb (kg m)                                                               | Torque Ft-Lb (kg m)                                                                                                                                                        | Torque Ft-Lb (kg m)                                                                 |
| 1/4 - 20                                                                                                                                                                            | 8 (1.11)                                                                          | 10 (1.38)                                                                                                                                                                  | 12 (1.66)                                                                           |
| - 28                                                                                                                                                                                | 10 (1.38)                                                                         |                                                                                                                                                                            | 14 (1.94)                                                                           |
| 5/16 - 18                                                                                                                                                                           | 17 (2.35)                                                                         | 19 (2.63)                                                                                                                                                                  | 24 (3.32)                                                                           |
| - 24                                                                                                                                                                                | 19 (2.63)                                                                         |                                                                                                                                                                            | 27 (3.73)                                                                           |
| 3/8 - 16                                                                                                                                                                            | 31 (4.29)                                                                         | 34 (4.70)                                                                                                                                                                  | 44 (6.09)                                                                           |
| - 24                                                                                                                                                                                | 35 (4.84)                                                                         |                                                                                                                                                                            | 49 (6.78)                                                                           |
| 7/16 - 14                                                                                                                                                                           | 49 (6.78)                                                                         | 55 (7.61)                                                                                                                                                                  | 70 (9.68)                                                                           |
| - 20                                                                                                                                                                                | 55 (7.61)                                                                         |                                                                                                                                                                            | 78 (10.79)                                                                          |
| 1/2 - 13                                                                                                                                                                            | 75 (10.37)                                                                        | 85 (11.76)                                                                                                                                                                 | 105 (14.52)                                                                         |
| - 20                                                                                                                                                                                | 85 (11.76)                                                                        |                                                                                                                                                                            | 120 (16.60)                                                                         |
| 9/16 - 12                                                                                                                                                                           | 110 (15.21)                                                                       | 120 (16.60)                                                                                                                                                                | 155 (21.44)                                                                         |
| - 18                                                                                                                                                                                | 120 (16.60)                                                                       |                                                                                                                                                                            | 170 (23.51)                                                                         |
| 5/8 - 11                                                                                                                                                                            | 150 (20.75)                                                                       | 167 (23.10)                                                                                                                                                                | 210 (29.04)                                                                         |
| - 18                                                                                                                                                                                | 170 (23.51)                                                                       |                                                                                                                                                                            | 240 (33.19)                                                                         |
| 3/4 - 10                                                                                                                                                                            | 270 (37.34)                                                                       | 280 (38.72)                                                                                                                                                                | 375 (51.86)                                                                         |
| - 16                                                                                                                                                                                | 295 (40.80)                                                                       |                                                                                                                                                                            | 420 (58.09)                                                                         |
| 7/8 - 9                                                                                                                                                                             | 395 (54.63)                                                                       | 440 (60.85)                                                                                                                                                                | 605 (83.67)                                                                         |
| - 14                                                                                                                                                                                | 435 (60.16)                                                                       |                                                                                                                                                                            | 675 (93.35)                                                                         |
| 1 - 8                                                                                                                                                                               | 590 (81.60)                                                                       | 660 (91.28)                                                                                                                                                                | 910 (125.85)                                                                        |
| - 14                                                                                                                                                                                | 660 (91.28)                                                                       |                                                                                                                                                                            | 990 (136.92)                                                                        |

### NOTES:

1. Always use the torque values listed above when specific torque values are not available.
2. The above is based on use of clean, dry threads.
3. Reduce torque by 10% when engine oil is used as a lubricant.
4. Reduce torque by 20% if new plated capscrews are used.
5. General Formula for calculating Torques is as follows: Torque in Inch Lbs. = .2 x Nominal Diameter of Screw x Loads in Lbs., where Load = 80% of Yield Strength, expressed in Lbs., not pounds per square inch.





# SECTION 1

## DECALS



84011 Eng/Span  
84010 Eng/ Fr



120989 Eng/Span  
79846 Eng/ Fr



84459 Eng/Span  
84458 Eng/ Fr



120977 Eng/Span  
79833 Eng/ Fr



120978 Eng/Span  
79834 Eng/ Fr



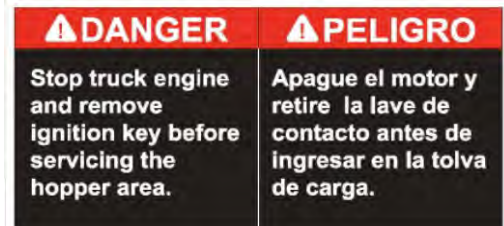
84470 Eng/Span  
84469 Eng/ Fr



120982 Eng/Span  
79841 Eng/ Fr

# SECTION 1

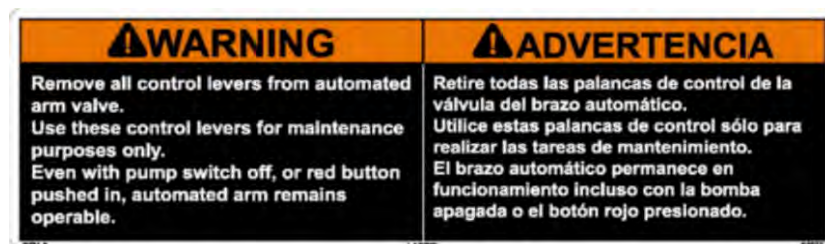
## DECALS



84468 Eng/Span  
84467 Eng/Fr



120981 Eng/Span  
79837 Eng/Fr



84015 Eng/Span  
84014 Eng/Fr



120983 Eng/Span  
79842 Eng/Fr



84059 Eng/Span  
79847 Eng/Fr



84060 Eng/Span  
Eng/Fr



84083 Eng/Span  
79857 Eng/Fr



# SECTION 1

## DECALS



121033 Eng/Span  
79853 Eng/Fr



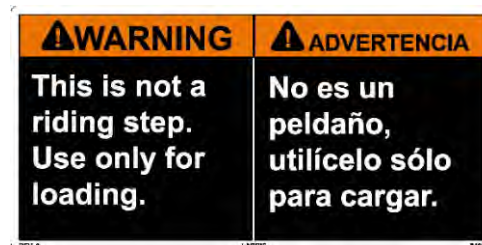
84077 Eng/Span  
79854 Eng/Fr



47795 Eng/Span  
79776 Eng/Fr



79768 Eng/Span  
79856 Eng/Fr



84056 Eng/Span  
84055 Eng/Fr



120974 Eng/Span  
79836 Eng/Fr



84061 Eng/Span  
79849 Eng/Fr



97759 Eng/Span  
97758 Eng/Fr



84485

## SECTION 2

# DECALS



159775 Eng/Span  
159855 Eng/Fr



47777 Eng/Span  
79839 Eng/Fr



84040 Eng/Span  
79865 Eng/Fr



84073 Eng/Span  
79851 Eng/Fr



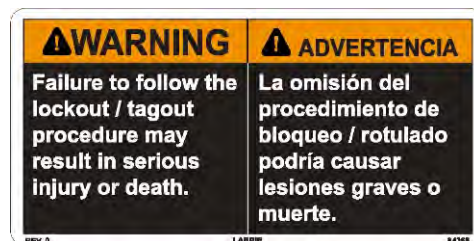
84072 Eng/Span  
79850 Eng/Fr



47564 ALL



84054 Eng/Span  
79844 Eng/Fr



84368 Eng/Span  
84367 Eng/Fr



120980 Eng/Span  
79843 Eng/Fr



# SECTION 1

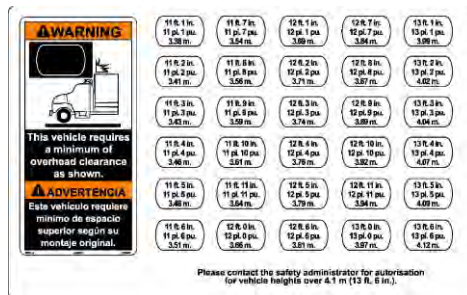
## DECALS



120972 Eng/Span  
121013 Eng/Fr



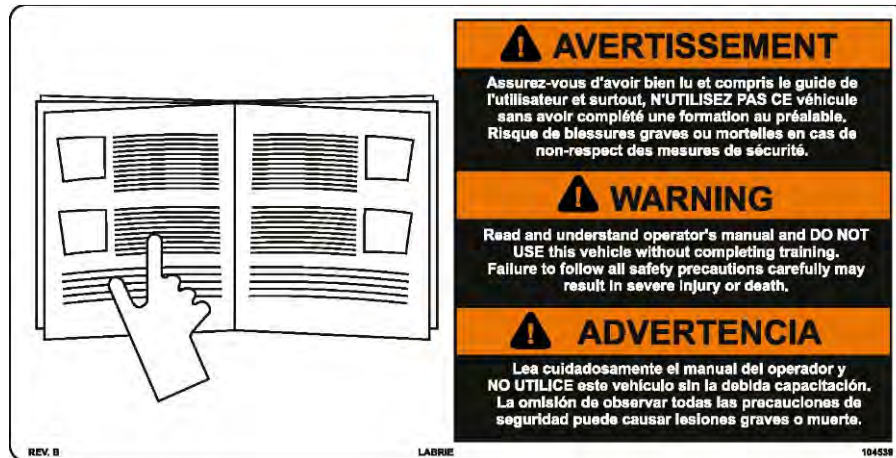
84001 Eng/Span  
79822 Eng/Fr



173657 Eng/Span  
173656 Eng/Fr



32272 ALL



104539 ALL



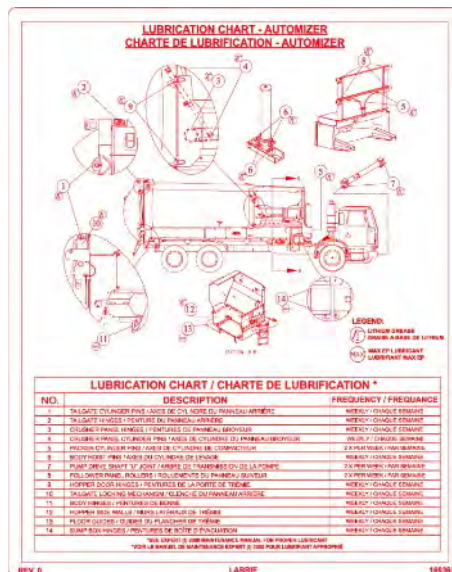
84303 Eng/Span  
79840 Eng/Fr



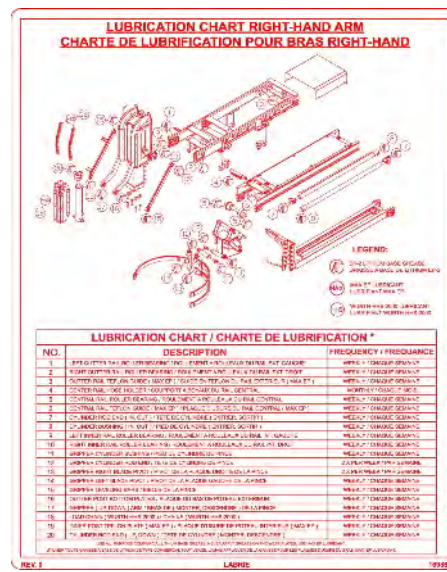
47420 English  
84420 Spanish  
159755 French

# SECTION 1

## DECALS



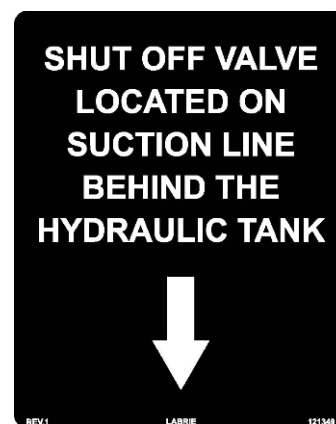
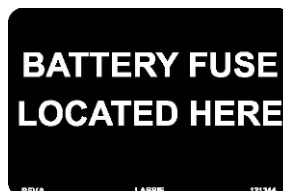
84272 Eng  
159782 Spanish  
169363 Eng/ Fr



169361 Eng/Fr  
47702 Eng



159808 Eng/Spn  
159809 Eng/Fr



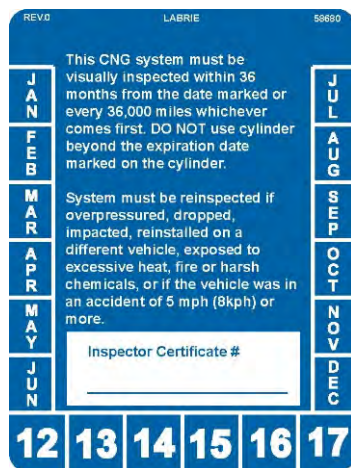


# SECTION 1

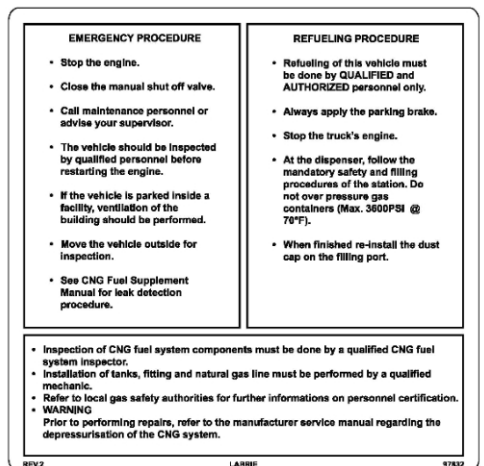
## DECALS



47256 English  
159761 French  
84419 Spanish



58680



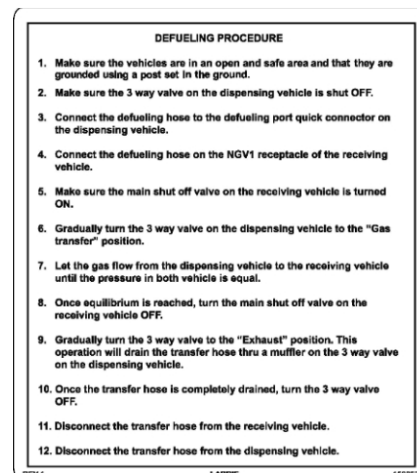
97832 English  
84447 Spanish  
159759 French



159828 ALL

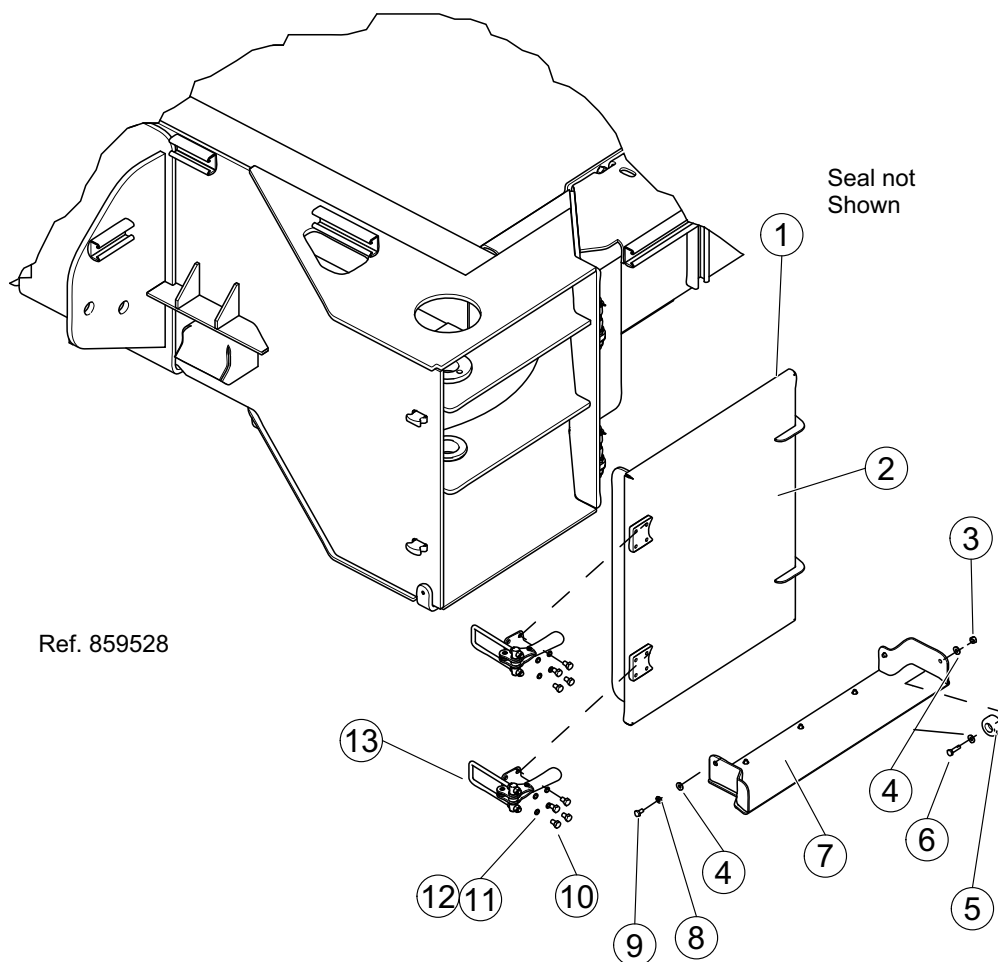


159805 English  
159806 French  
159807 Spanish

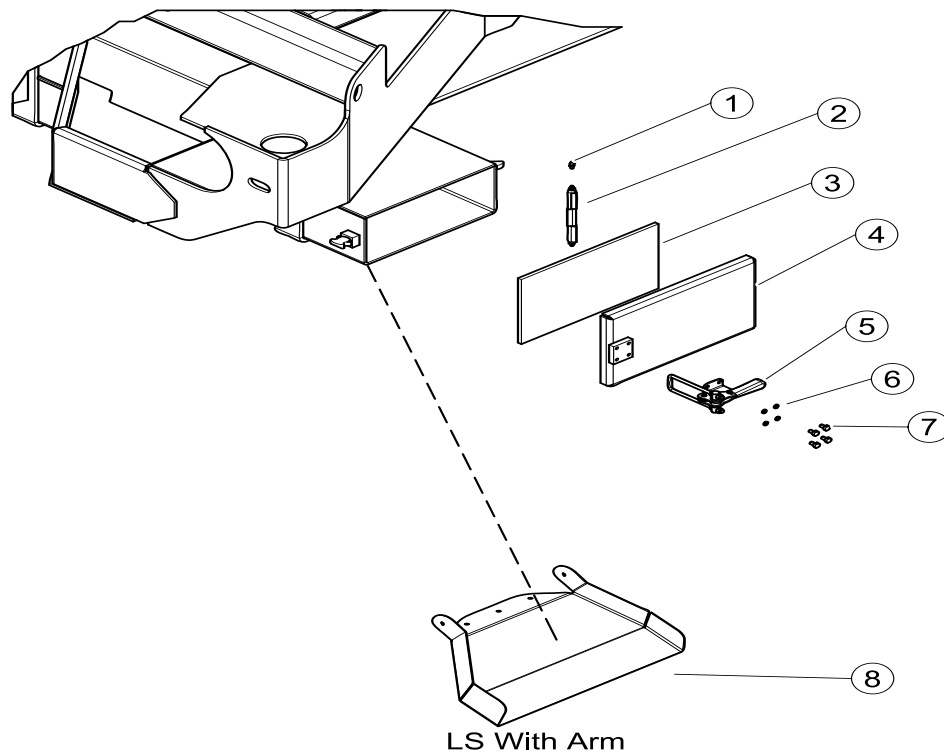


159852 English  
58704 French

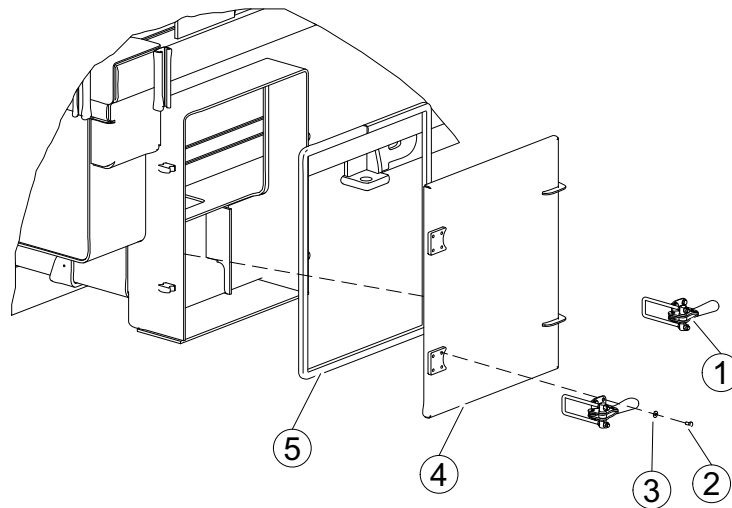
# CLEAN OUT DOOR - (AU with Helping Hand arm)



| REF. NO. | PART NO. | DESCRIPTION               | QTY. |
|----------|----------|---------------------------|------|
| 1        | 81462    | SEAL - (not shown)        | 1    |
| 2        | 171753   | WELDMENT, Door            | 1    |
| 3        | QUE01175 | NUT                       | 1    |
| 4        | QUR01695 | WASHER                    | 7    |
| 5        | QUB01300 | BUMPER                    | 1    |
| 6        | QUB02120 | BOLT                      | 1    |
| 7        | 189367   | DEFLECTOR, Clean Out Door | 1    |
| 8        | QUR01261 | WASHER                    | 5    |
| 9        | QUB01910 | BOLT                      | 5    |
| 10       | QUB02599 | BOLT                      | 8    |
| 11       | QUR01825 | WASHER                    | 8    |
| 12       | QUR01270 | WASHER                    | 8    |
| 13       | QUC01210 | LATCH                     | 2    |

**SECTION 1****CLEAN OUT DOOR**

| REF. NO. | PART NO. | DESCRIPTION                               | QTY. |
|----------|----------|-------------------------------------------|------|
| 1        | QUG00150 | FITTING, Grease                           | 1    |
| 2        | QUP01915 | ASSEMBLY, Hinge                           | 1    |
| 3        | 10367    | SEAL, Rubber                              | 1    |
| 4        | 10720    | ASSEMBLY, Door (Includes Items 2 & 4)     | 1    |
| 5        | QUC01210 | LATCH                                     | 1    |
| 6        | QUR01270 | WASHER                                    | 4    |
| 7        | QUB02600 | BOLT                                      | 4    |
| 8        | 76112    | DEFLECTOR, Clean Out Door - L.S. W/RH Arm | 1    |

**CLEAN OUT DOOR**

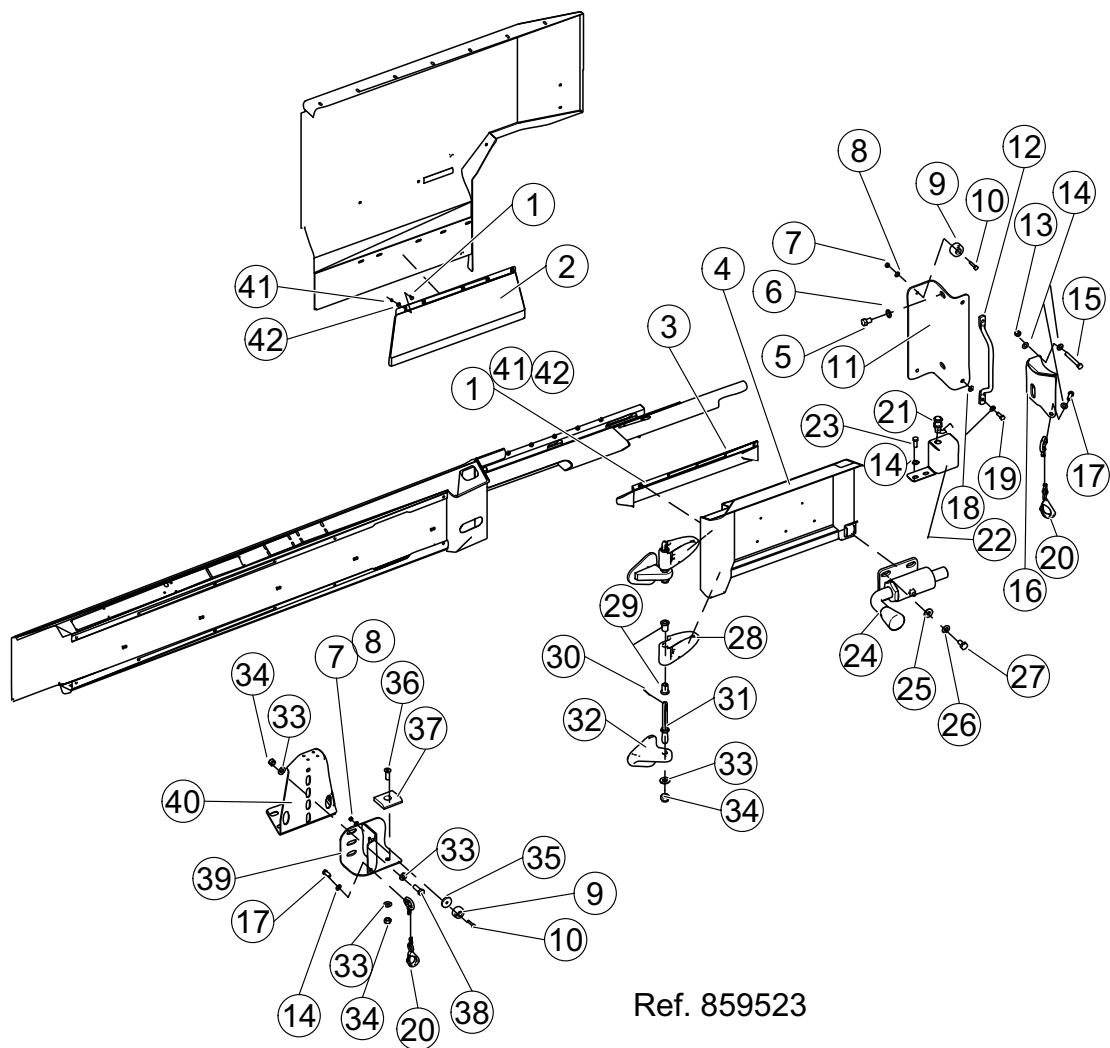
| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | QUC01210 | LATCH       | 2    |
| 2        | QUB01900 | BOLT        | 8    |
| 3        | QUR01695 | WASHER      | 8    |
| 4        | 81428    | DOOR        | 1    |
| 5        | 81462    | SEAL        | 1    |



**SECTION 1**

**HOPPER SIDE DOOR W/Helping Hand Arm**

---

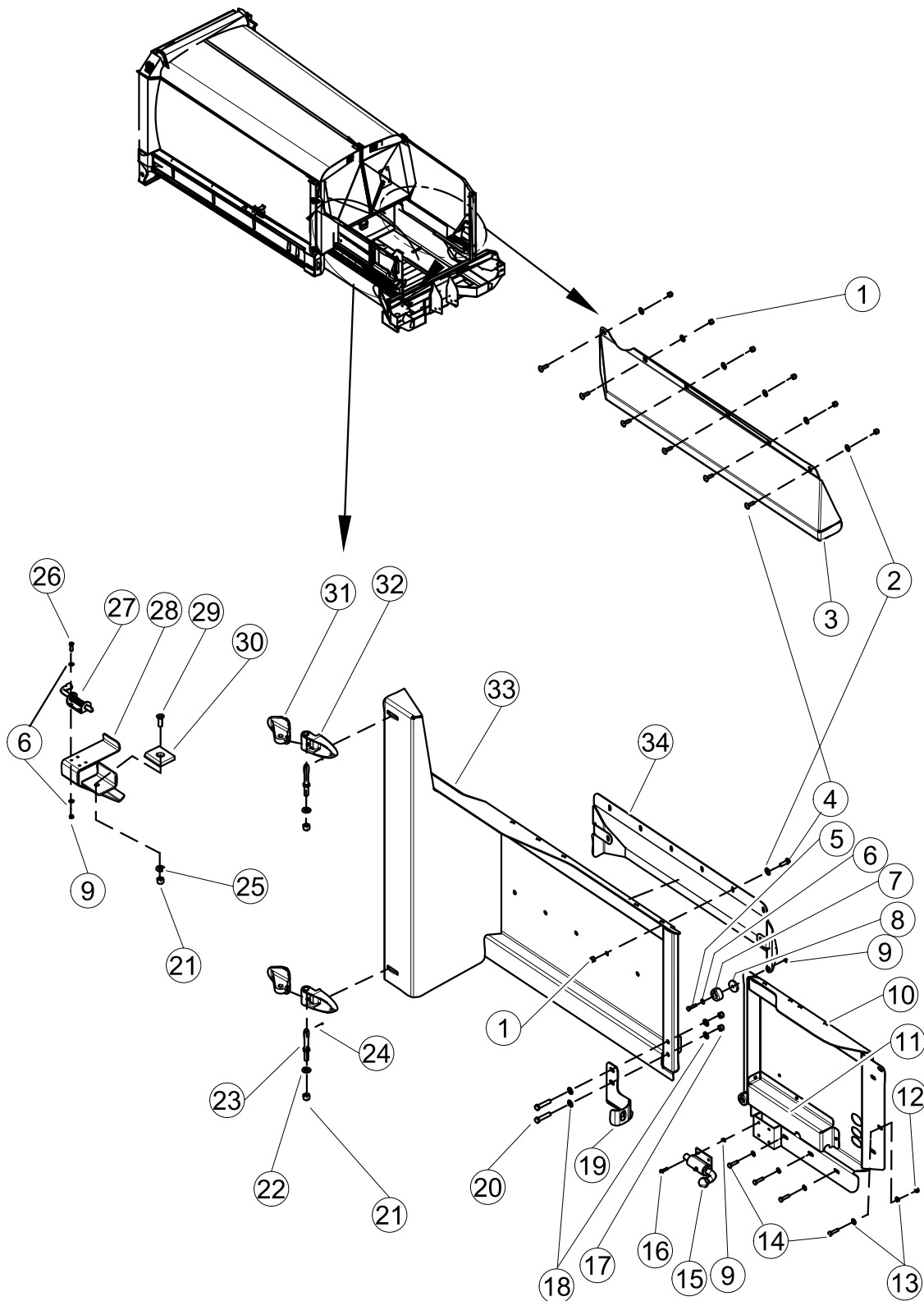


## HOPPER SIDE DOOR W/Helping Hand Arm

| REF. NO. | PART NO. | DESCRIPTION                                     | QTY. |
|----------|----------|-------------------------------------------------|------|
| 1        | QUB11935 | BOLT, Carriage                                  | 10   |
| 2        | 189324   | SHIELD, Hopper                                  | 1    |
| 3        | 189325   | SHIELD, Hopper Door                             | 1    |
| 4        | 189250   | WELDMENT, Side Door (Includes Hinge Half 69203) | 1    |
| 5        | QUB04385 | BOLT                                            | 2    |
| 6        | QUR01300 | WASHER                                          | 2    |
| 7        | QUE01100 | NUT                                             | 2    |
| 8        | QUR01700 | WASHER                                          | 2    |
| 9        | QUB01300 | BUMPER                                          | 2    |
| 10       | QUB02160 | BOLT                                            | 2    |
| 11       | 189326   | BRACKET                                         | 1    |
| 12       | QUP00300 | HANDLE                                          | 1    |
| 13       | QUE01302 | NUT                                             | 5    |
| 14       | QUR01902 | WASHER                                          | 5    |
| 15       | QUB04005 | BOLT                                            | 2    |
| 16       | 189365   | COVER                                           | 1    |
| 17       | QUB03401 | BOLT                                            | 6    |
| 18       | QUR01825 | WASHER                                          | 2    |
| 19       | QUB02802 | BOLT                                            | 2    |
| 20       | 80648    | CABLE                                           | 2    |
| 21       | 45103-03 | SENSOR, Proximity                               | 1    |
| 22       | 89617    | BRACKET, Sensor                                 | 1    |
| 23       | QUB03399 | BOLT                                            | 2    |
| 24       | 172401   | LATCH                                           | 1    |
| 25       | QUR01695 | WASHER                                          | 4    |
| 26       | QUR01261 | WASHER                                          | 4    |
| 27       | QUB01910 | BOLT                                            | 4    |
| 28       | 69203    | HINGE, Half - Door                              | 2    |
| 29       | QUB00645 | BUSHING, Hinge                                  | 4    |
| 30       | QUP03115 | PIN, Cotter                                     | 2    |
| 31       | 69310    | PIN, Hinge                                      | 2    |
| 32       | 69877    | HINGE, Half - Body                              | 2    |
| 33       | QUR01912 | WASHER                                          | 5    |
| 34       | QUE01500 | NUT                                             | 5    |
| 35       | QUR01500 | WASHER                                          | 2    |
| 36       | QUV07000 | BOLT                                            | 1    |
| 37       | 11890    | PLATE, Wear                                     | 1    |
| 38       | QUB04503 | BOLT                                            | 1    |
| 39       | 89614    | BRACKET                                         | 1    |
| 40       | 153414   | BRACKET                                         | 1    |
| 41       | QUE01300 | WASHER                                          | 10   |
| 42       | QUR01900 | NUT                                             | 10   |

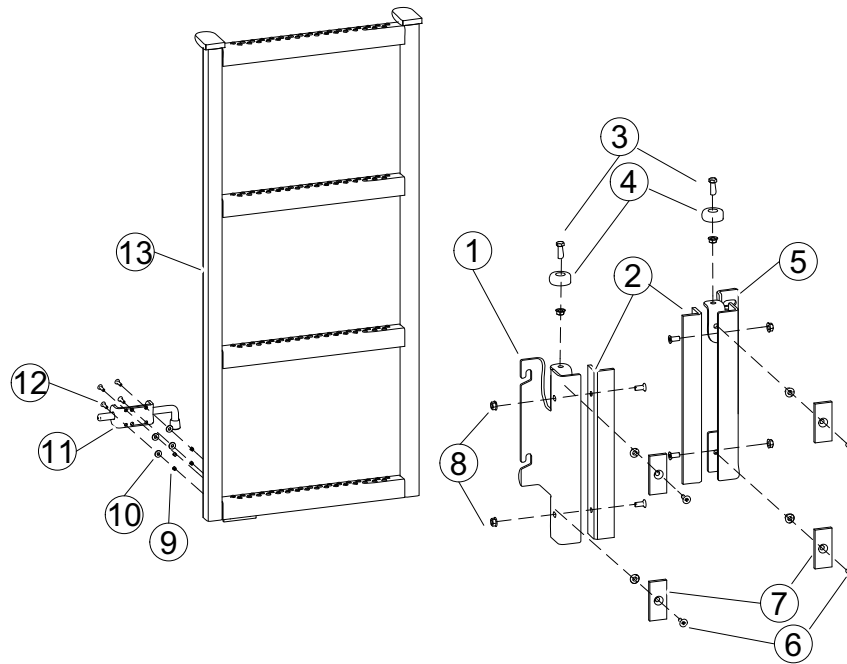
**SECTION 1**

**HOPPER SIDE DOOR W/Right Hand Arm**



## HOPPER SIDE DOOR W/Right Hand Arm

| REF. NO. | PART NO. | DESCRIPTION                 | QTY. |
|----------|----------|-----------------------------|------|
| 1        | QUE01300 | NUT                         | 14   |
| 2        | QUR01900 | WASHER                      | 14   |
| 3        | 152080   | DEFLECTOR                   | 1    |
| 4        | QUB11940 | BOLT                        | 14   |
| 5        | QUB02150 | BOLT                        | 2    |
| 6        | QUR01700 | WASHER                      | 4    |
| 7        | QUB01300 | BUMPER, Rubber              | 2    |
| 8        | QUR05100 | WASHER                      | 2    |
| 9        | QUE01100 | NUT                         | 7    |
| 10       | 152141   | PANEL                       | 1    |
| 11       | 152144   | ENCLOSURE, Proximity Switch | 1    |
| 12       | QUE01200 | NUT                         | 6    |
| 13       | QUR01800 | WASHER                      | 12   |
| 14       | QUB02900 | BOLT                        | 6    |
| 15       | 43181    | ASSEMBLY, Latch             | 1    |
| 16       | QUV02410 | BOLT                        | 4    |
| 17       | QUE01450 | NUT                         | 2    |
| 18       | QUR01850 | WASHER                      | 4    |
| 19       | 93715    | BRACKET                     | 1    |
| 20       | QUB04246 | BOLT                        | 2    |
| 21       | QUE01500 | NUT                         | 2    |
| 22       | QUR01905 | WASHER                      | 2    |
| 23       | 69310    | PIN, Hinge                  | 2    |
| 24       | QUP03115 | PIN, Cotter                 | 2    |
| 25       | QUR01910 | WASHER                      | 1    |
| 26       | QUB02100 | BOLT                        | 4    |
| 27       | 69759    | ASSEMBLY, Latch             | 1    |
| 28       | 152157   | BRACKET                     | 1    |
| 29       | QUV07000 | BOLT                        | 1    |
| 30       | 11890    | PAD                         | 1    |
| 31       | 69877    | HINGE, Body Side            | 2    |
| 32       | 69203    | HINGE - Door Side           | 2    |
| 33       | 152016   | DOOR, Side                  | 1    |
| 34       | 75111    | DEFLECTOR                   | 1    |

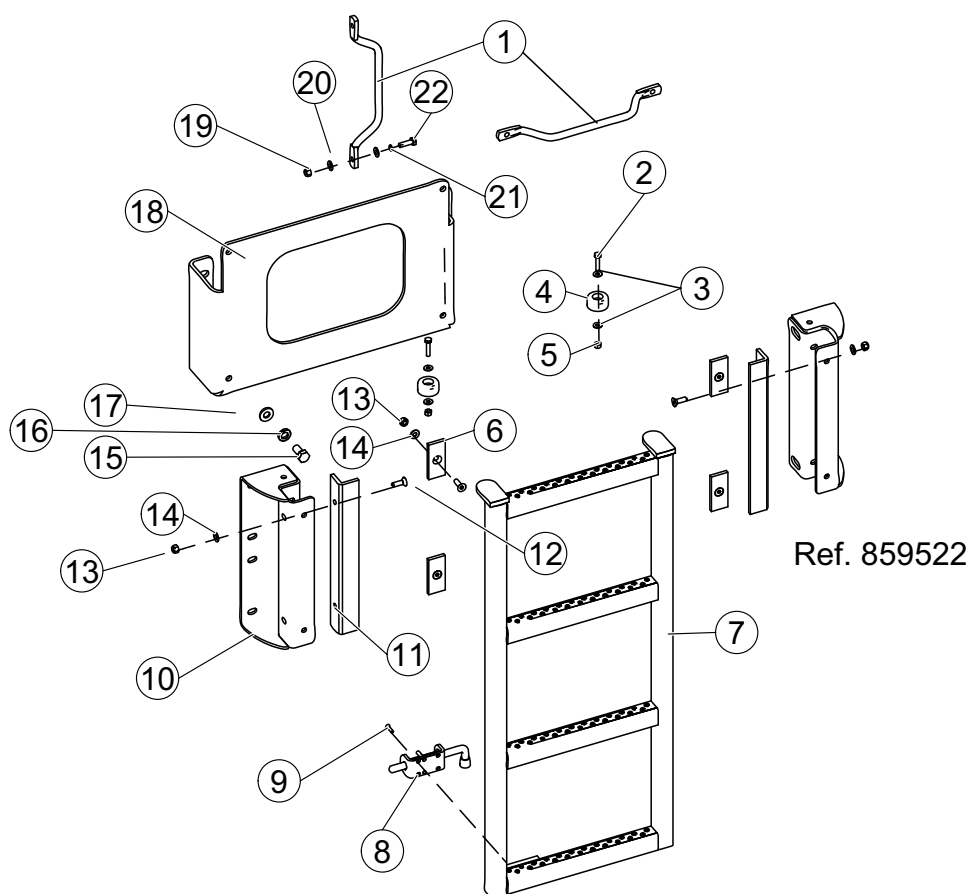
**SECTION 1****SIDE DOOR LADDER - Std.**

| REF. NO. | PART NO. | DESCRIPTION    | QTY. |
|----------|----------|----------------|------|
| 1        | 87800    | BRACKET        | 1    |
| 2        | 87797    | WEAR ANGLE     | 2    |
| 3        | QUB02803 | BOLT           | 2    |
| 4        | QUB00080 | BUMPER, Rubber | 2    |
| 5        | 87796    | BRACKET        | 1    |
| 6        | QUV02603 | BOLT           | 8    |
| 7        | 87798    | WEAR SHOE      | 4    |
| 8        | QUE01993 | NUT            | 10   |
| 9        | QUE01060 | NUT            | 4    |
| 10       | QUR01600 | WASHER         | 4    |
| 11       | 50868    | LATCH          | 1    |
| 12       | QUV00625 | BOLT           | 4    |
| 13       | 87790    | LADDER         | 1    |



# SIDE DOOR LADDER - AU W/Helping Hand Arm

---



**SECTION 1****SIDE DOOR LADDER - AU W/Helping Hand Arm**

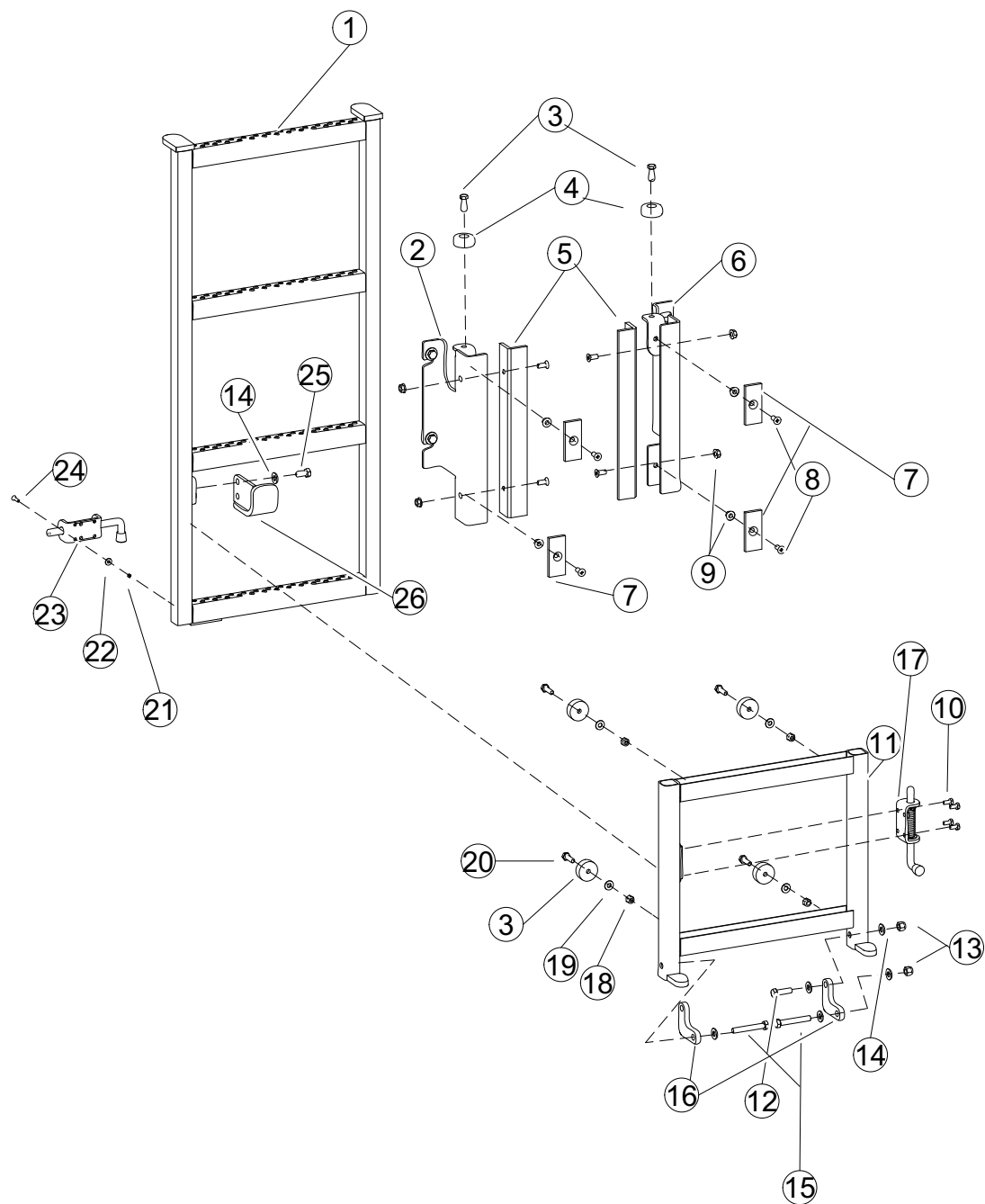
| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | QUP00300 | HANDLE            | 2    |
| 2        | QUB02160 | BOLT              | 2    |
| 3        | QUR01695 | WASHER            | 4    |
| 4        | QUB01300 | BUMPER, Rubber    | 2    |
| 5        | QUE01175 | NUT               | 2    |
| 6        | 87822    | SHIM, Plastic     | 4    |
| 7        | 180039   | LADDER            | 1    |
| 8        | 102222   | LATCH             | 1    |
| 9        | QUV00735 | BOLT              | 4    |
| 10       | 180036   | BRACKET, Slide    | 2    |
| 11       | 87821    | SHOE, Plastic     | 2    |
| 12       | QUB02757 | BOLT              | 8    |
| 13       | QUE01205 | NUT               | 8    |
| 14       | QUR01800 | WASHER            | 8    |
| 15       | QUB04405 | BOLT              | 4    |
| 16       | QUR01300 | WASHER            | 4    |
| 17       | QUR01917 | WASHER            | 4    |
| 18       | 189323   | BRACKET, Mounting | 1    |
| 19       | QUE01225 | NUT               | 4    |
| 20       | QUR01825 | WASHER            | 8    |
| 21       | QUR01270 | WASHER            | 4    |
| 22       | QUB02802 | BOLT              | 4    |



**SECTION 1**

**SIDE DOOR LADDER - Full Eject**

---

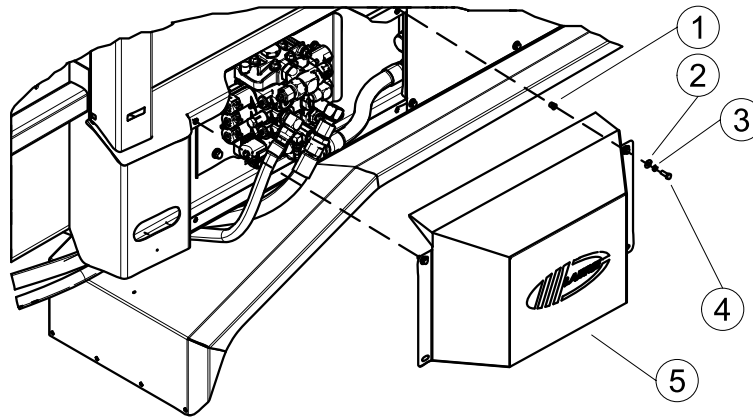


## SIDE DOOR LADDER - Full Eject

| REF. NO. | PART NO. | DESCRIPTION    | QTY. |
|----------|----------|----------------|------|
| 1        | 162212   | LADDER - Upper | 1    |
| 2        | 140473   | BRACKET        | 1    |
| 3        | QUB02803 | BOLT           | 6    |
| 4        | QUB00080 | BUMPER, Rubber | 6    |
| 5        | 87821    | WEAR ANGLE     | 2    |
| 6        | 140474   | BRACKET        | 1    |
| 7        | 87822    | WEAR SHOE      | 4    |
| 8        | QUV02603 | BOLT           | 8    |
| 9        | QUE01993 | WASHER         | 8    |
| 10       | QUB01910 | BOLT           | 4    |
| 11       | 162208   | LADDER - Lower | 1    |
| 12       | QUB03501 | BOLT           | 2    |
| 13       | QUE01302 | NUT            | 4    |
| 14       | QUR01902 | WASHER         | 10   |
| 15       | QUB03920 | BOLT           | 2    |
| 16       | 162210   | HINGE          | 2    |
| 17       | 69759    | LATCH          | 1    |
| 18       | QUE01225 | NUT            | 4    |
| 19       | QUB01825 | WASHER         | 4    |
| 20       | QUB02802 | BOLT           | 4    |
| 21       | QUE01060 | NUT            | 4    |
| 22       | QUR01600 | WASHER         | 4    |
| 23       | 50868    | LATCH          | 1    |
| 24       | QUV00625 | BOLT           | 4    |
| 25       | QUB03360 | BOLT           | 2    |
| 26       | 162215   | BRACKET        | 1    |

**SECTION 1****VALVE COVER - Main and Arm Valve**

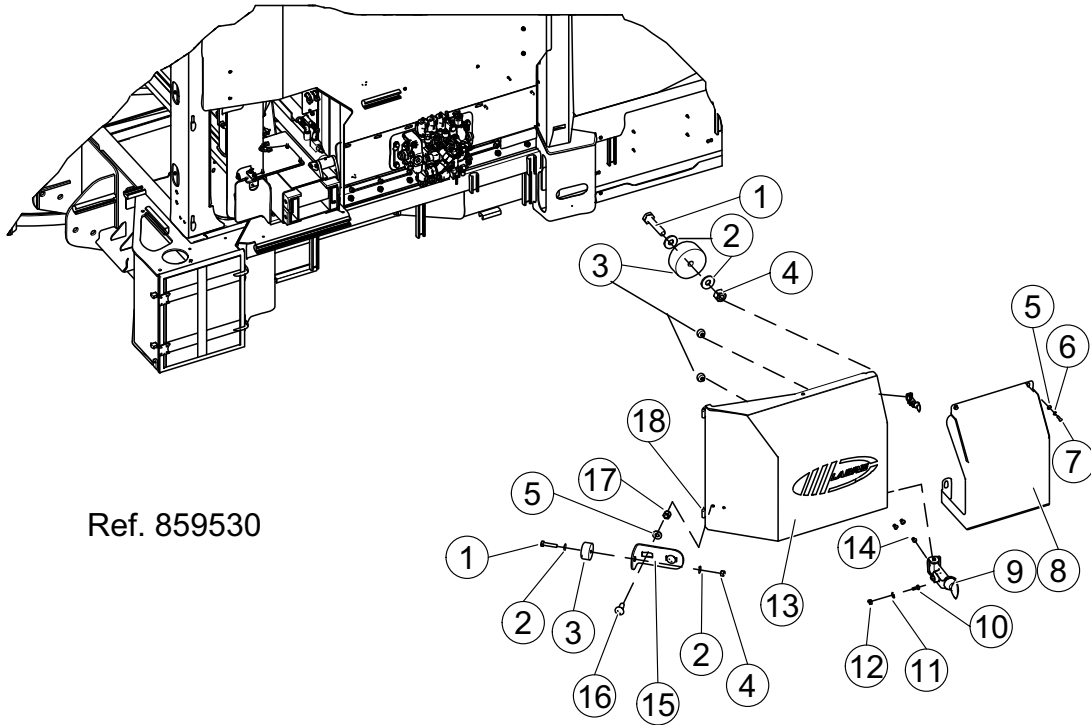
---



| REF. NO. | PART NO. | DESCRIPTION      | QTY. |
|----------|----------|------------------|------|
| 1        | QUE02017 | INSERT, Threaded | A/R  |
| 2        | QUR01900 | WASHER           | A/R  |
| 3        | QUR01275 | WASHER           | A/R  |
| 4        | QUB03400 | BOLT             | A/R  |
| 5        | 83354    | COVER            | A/R  |



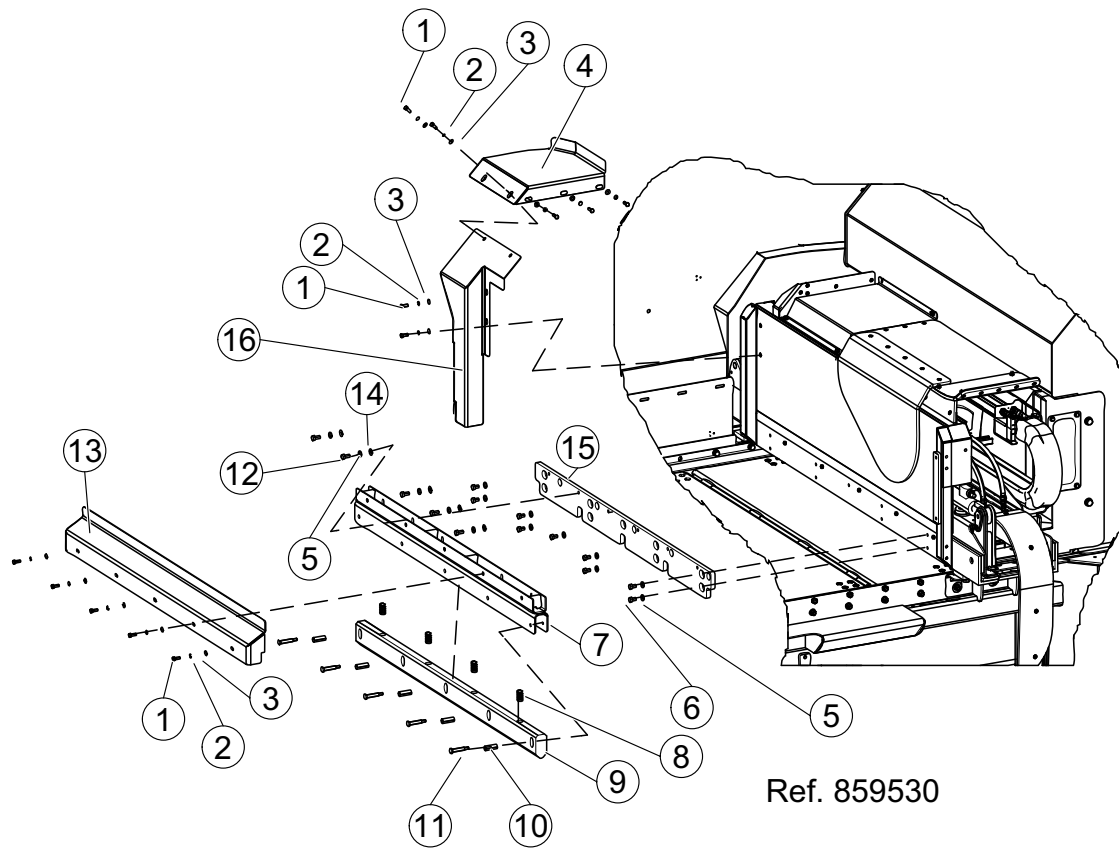
# VALVE COVERS - Main and Arm Valve -(AU W/ Helping Hand Arm



| REF. NO. | PART NO. | DESCRIPTION                   | QTY. |
|----------|----------|-------------------------------|------|
| 1        | QUB02160 | BOLT                          | 4    |
| 2        | QUR01695 | WASHER                        | 8    |
| 3        | QUB01300 | BUMPER, Rubber                | 4    |
| 4        | QUE01175 | NUT                           | 4    |
| 5        | QUR01902 | WASHER                        | 5    |
| 6        | QUR01274 | WASHER                        | 4    |
| 7        | QUB03401 | BOLT                          | 4    |
| 8        | 189388   | COVER, Valve - Main           | 1    |
| 9        | QUP01450 | LATCH                         | 2    |
| 10       | QUV00715 | BOLT                          | 2    |
| 11       | QUR01600 | WASHER                        | 2    |
| 12       | QUE01070 | NUT                           | 2    |
| 13       | 189331   | COVER, ARM (Includes Item #18 | 1    |
| 14       | Q-0388   | RIVET                         | 6    |
| 15       | 193002   | BRACKET                       | 1    |
| 16       | QUB11935 | BOLT                          | 2    |
| 17       | QUE01302 | NUT                           | 1    |
| 18       | QUP01905 | HINGES - Complete             | 2    |

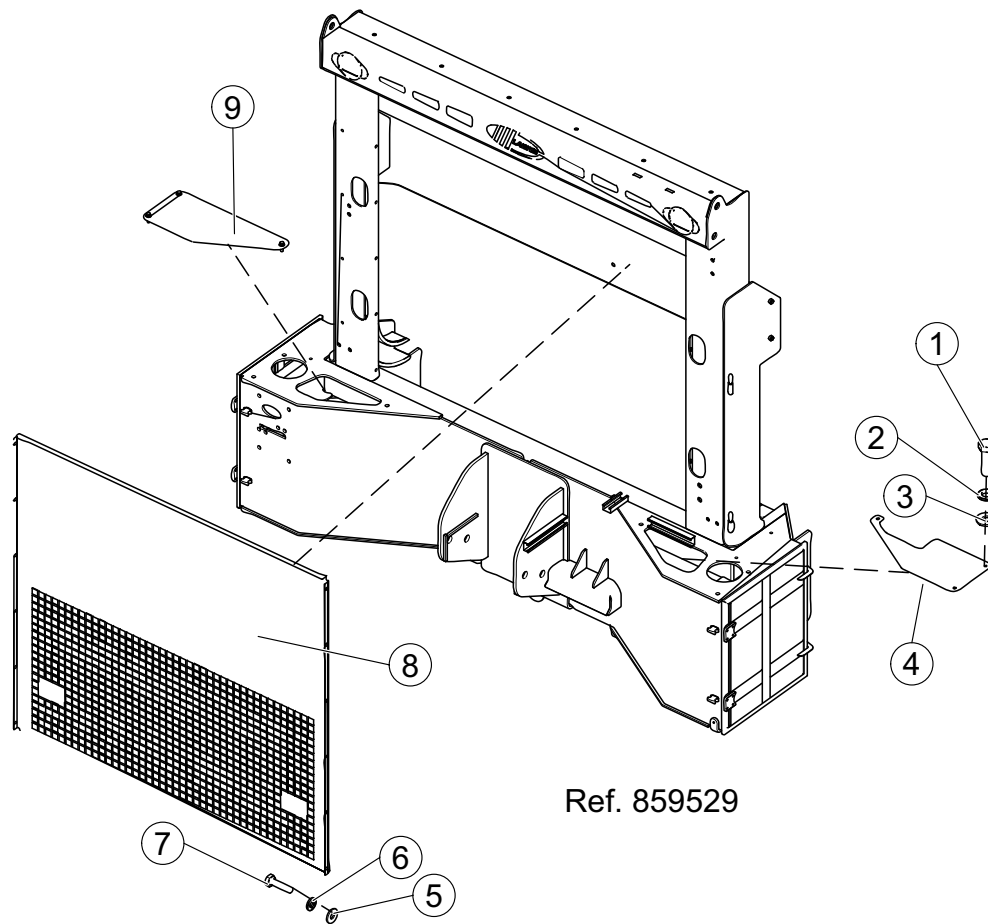
## SECTION 1

# COVERS/SCRAPER - INSIDE HOPPER - (AU W/Helping Hand Arm)



| REF. NO. | PART NO. | DESCRIPTION      | QTY. |
|----------|----------|------------------|------|
| 1        | QUB03401 | BOLT             | 12   |
| 2        | QUR01274 | WASHER           | 12   |
| 3        | QUR01902 | WASHER           | 12   |
| 4        | 189400   | COVER            | 1    |
| 5        | QUR01300 | WASHER           | 14   |
| 6        | QUB04385 | BOLT             | 9    |
| 7        | 189338   | BRACKET, Scraper | 1    |
| 8        | QUR03310 | SPRING           | 4    |
| 9        | 189341   | SCRAPER, Plastic | 1    |
| 10       | 89334    | SPACER           | 5    |
| 11       | QUB03905 | BOLT, Shoulder   | 5    |
| 12       | QUB04405 | BOLT             | 5    |
| 13       | 189342   | COVER            | 1    |
| 14       | QUR01912 | WASHER           | 5    |
| 15       | 193004   | PLATE            | 1    |
| 16       | 89626    | COVER            | 1    |

# FRONT BODY ENCLOSURE/PIN COVERS - (AU W/Helping Hand Arm)

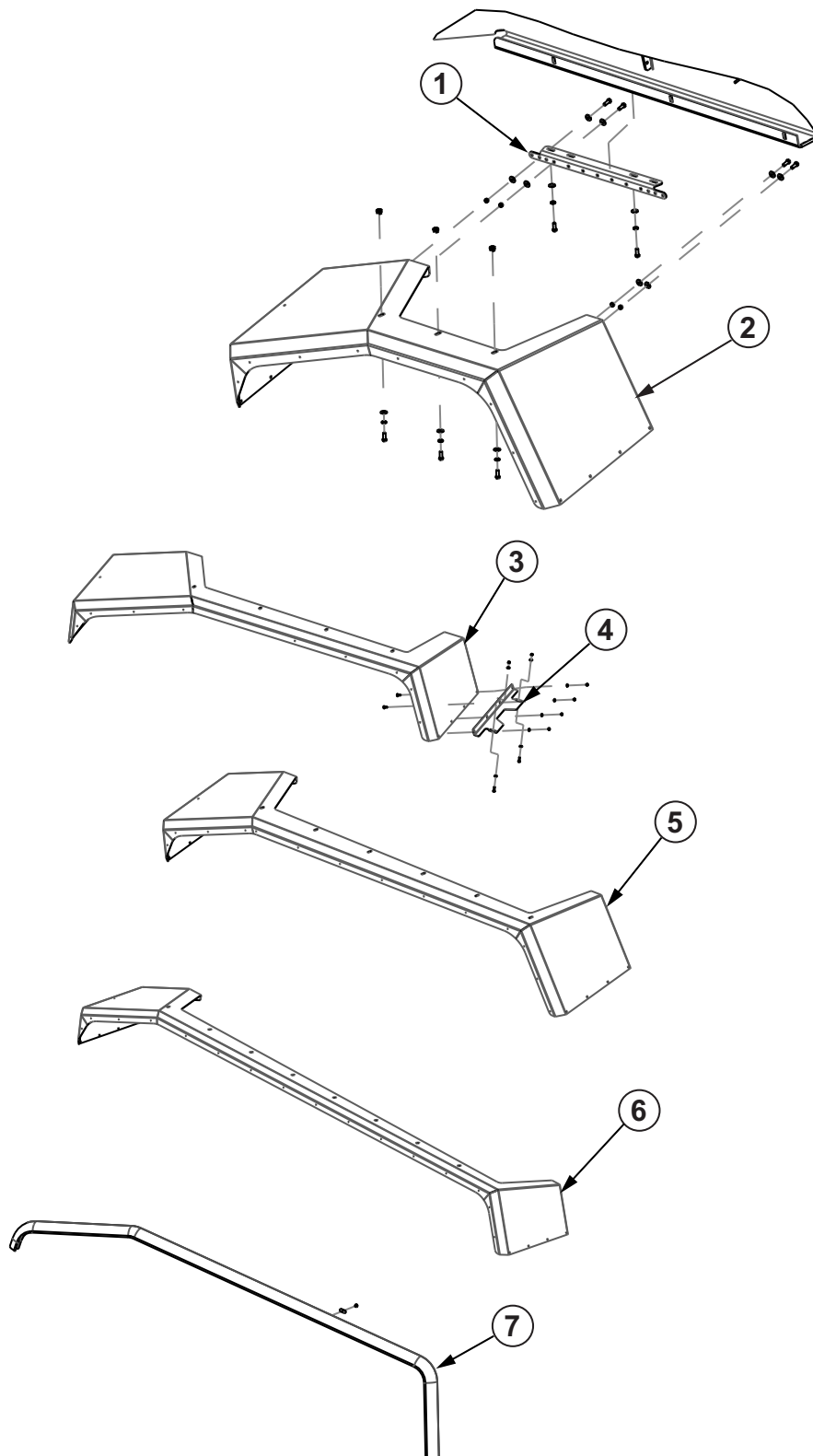


| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | QUB03501 | BOLT        | 6    |
| 2        | QUR01272 | WASHER      | 6    |
| 3        | QUR01902 | WASHER      | 6    |
| 4        | 189410   | PLATE       | 1    |
| 5        | QUR01695 | WASHER      | 12   |
| 6        | QUR01261 | WASHER      | 12   |
| 7        | QUB02120 | BOLT        | 12   |
| 8        | 189372   | SCREEN      | 1    |
| 9        | 189409   | PLATE       | 1    |

## SECTION 1

# FENDERS

---

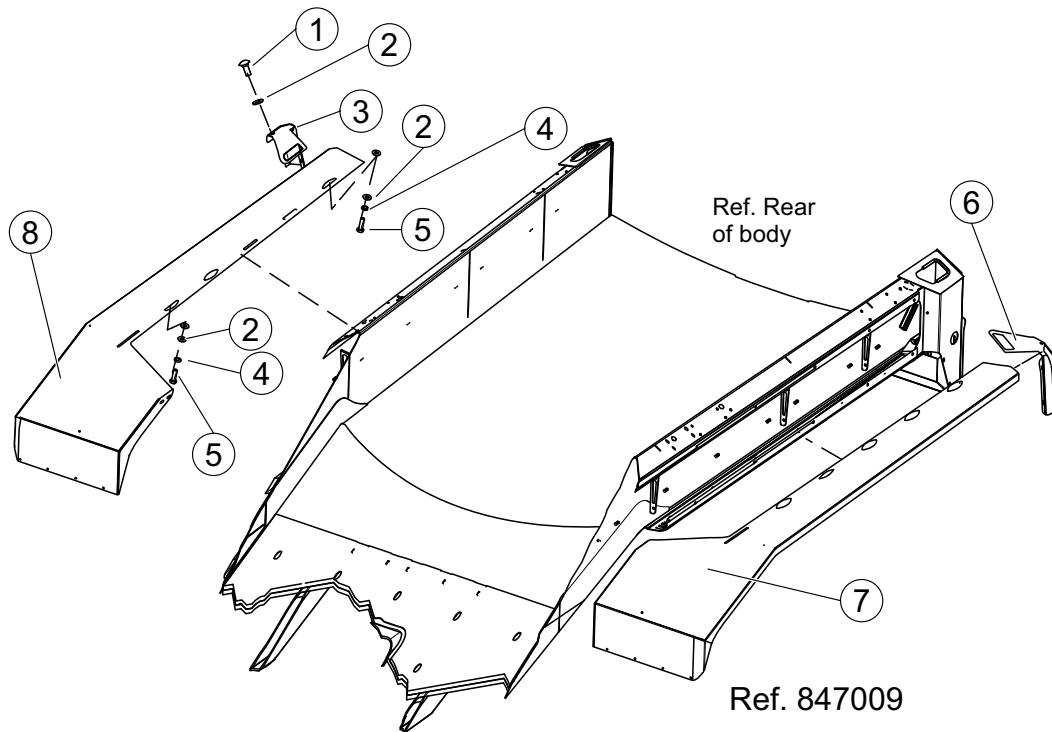


**SECTION 1**  
**FENDERS**

| REF. NO. | PART NO. | DESCRIPTION                                | QTY.        |
|----------|----------|--------------------------------------------|-------------|
| 1        | 69207    | BRACKET                                    | A/R         |
|          | QUB03400 | BOLT                                       | A/R         |
|          | QUR01275 | WASHER                                     | A/R         |
|          | QUR01900 | WASHER                                     | A/R         |
|          | QUV04302 | NUT                                        | A/R         |
| 2        | 69820    | FENDER, 15-20 Yd, Single Axle, Street Side | 1           |
|          | 69811    | FENDER, 15-20 Yd, Curb Side                | 1           |
|          | QUB03400 | BOLT                                       | A/R         |
|          | QUR01275 | WASHER                                     | A/R         |
|          | QUR01900 | WASHER                                     | A/R         |
| 3        | QUV04302 | NUT                                        | A/R         |
|          | 152401   | FENDER, 15-20 Yd, Tandem Axle, Street Side | 1           |
|          | 152402   | FENDER, 15-20 Yd, Tandem Axle, Curb Side   | 1           |
|          | QUB03400 | BOLT                                       | A/R         |
|          | QUR01275 | WASHER                                     | A/R         |
| 4        | QUR01900 | WASHER                                     | A/R         |
|          | QUV04302 | NUT                                        | A/R         |
|          | 90887    | BRACKET                                    | 1           |
|          | QUR02100 | BOLT                                       | A/R         |
|          | QUR01700 | WASHER                                     | A/R         |
| 5        | QUE01100 | NUT                                        | A/R         |
|          | 69208    | FENDER, 20-31 Yd, Tandem Axle, Street Side | 1           |
|          | 69146    | FENDER, 20-31 Yd, Tandem Axle, Curb Side   | 1           |
|          | QUB03400 | BOLT                                       | A/R         |
|          | QUR01275 | WASHER                                     | A/R         |
| 6        | QUR01900 | WASHER                                     | A/R         |
|          | QUV04302 | NUT                                        | A/R         |
|          | 98187    | FENDER, 27 Yd, Triple Axle, Street Side    | 1           |
|          | 98188    | FENDER, 27 Yd, Triple Axle, Curb Side      | 1           |
|          | QUB03400 | BOLT                                       | A/R         |
| 7        | QUR01275 | WASHER                                     | A/R         |
|          | QUR01900 | WASHER                                     | A/R         |
|          | QUV04302 | NUT                                        | A/R         |
|          | QUC11000 | EDGING, Fender                             | PER<br>INCH |
|          | QUR02275 | RIVET                                      | A/R         |
|          | 33652    | WASHER                                     | A/R         |

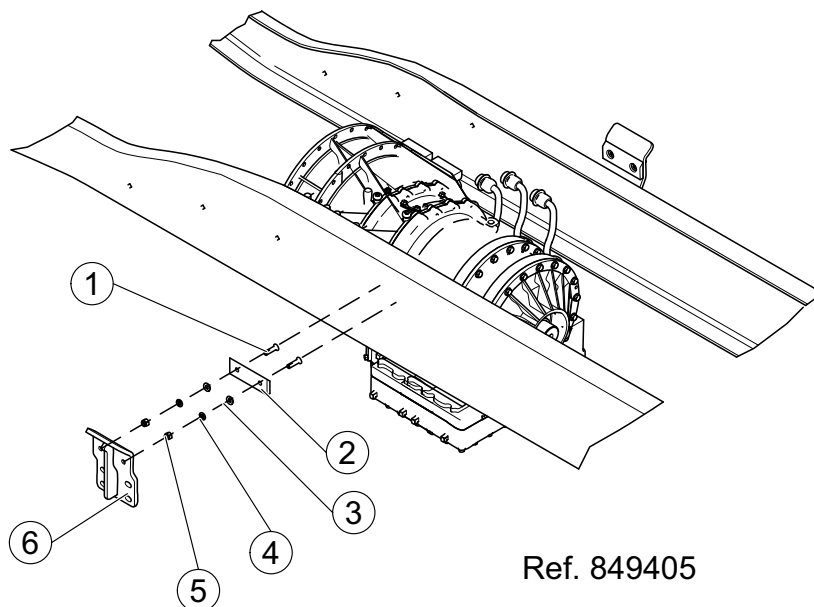
## SECTION 1

# FENDER, AU W/HH ARM



| REF. NO. | PART NO. | DESCRIPTION          | QTY. |
|----------|----------|----------------------|------|
| 1        | QUB11935 | BOLT, Carriage       | 2    |
| 2        | QUR01902 | WASHER               | 40   |
| 3        | 166850   | BRACKET, Rear - R.S. | 1    |
| 4        | QUR01272 | WASHER               | 20   |
| 5        | QUB03501 | BOLT                 | 16   |
| 6        | 166851   | BRACKET, Rear - L.S. | 1    |
| 7        | 180985   | FENDER - L.S.        | 1    |
| 8        | 180984   | FENDER - R.S.        | 1    |

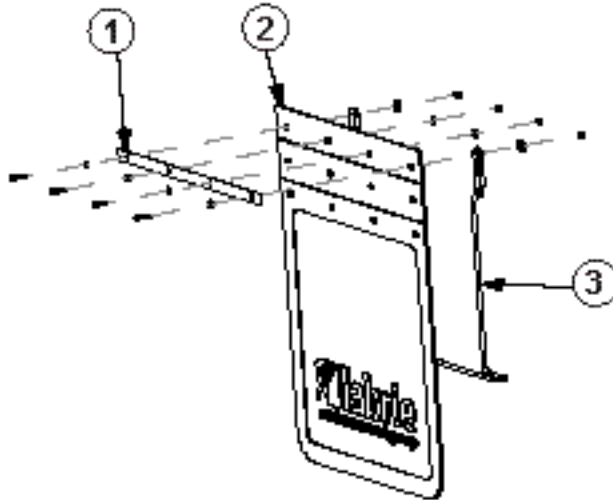
## BODY GUIDES



| REF. NO. | PART NO. | DESCRIPTION                                            | QTY. |
|----------|----------|--------------------------------------------------------|------|
| 1        | QUB05810 | BOLT                                                   | 4    |
| 2        | 93726    | SPACER (Must be placed between Item #6 and Wear Plate) | A/R  |
|          | 93725    | WEAR PLATE - .25"                                      | A/R  |
|          | 73233    | WEAR PLATE - .50"                                      | A/R  |
| 3        | QUR01912 | WASHER                                                 | 4    |
| 4        | QUR01300 | WASHER                                                 | 4    |
| 5        | QUE01500 | NUT                                                    | 4    |

**SECTION 1****MUD FLAPS, W/LOGO, Fender Mount<, Anti-Sail**

---

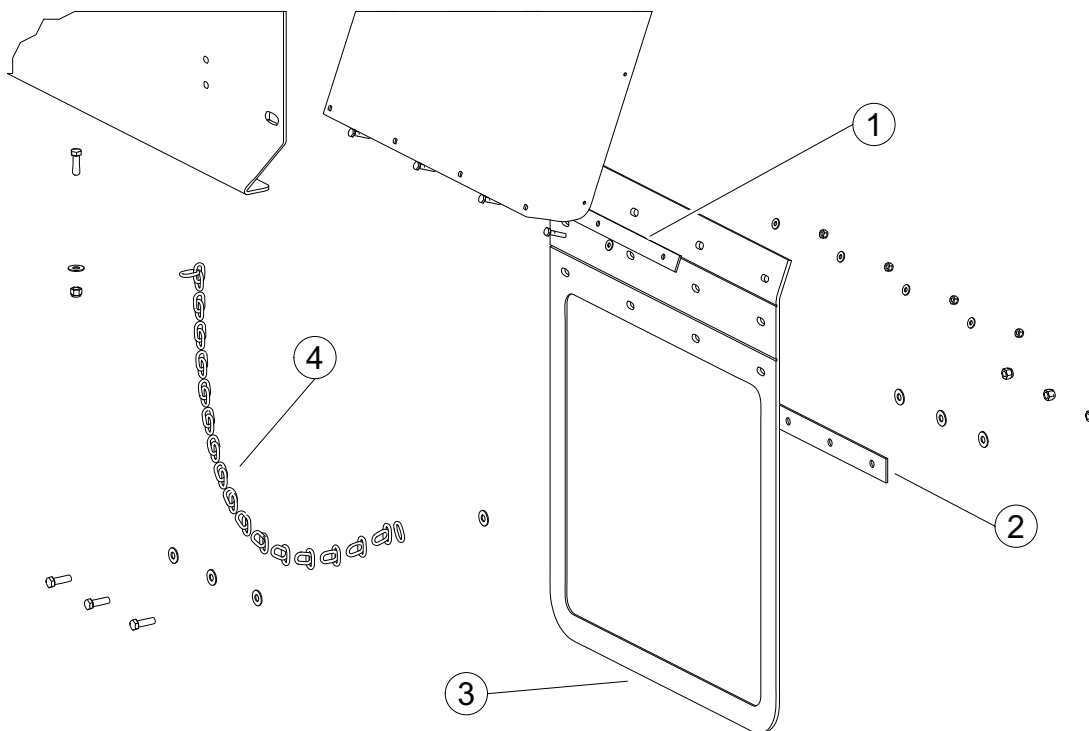


| REF. NO. | PART NO. | DESCRIPTION        | QTY. |
|----------|----------|--------------------|------|
| 1        | 5523     | BRACKET            | 2    |
|          | QUB02150 | BOLT               | A/R  |
|          | QUR01700 | WASHER             | A/R  |
|          | QUR01704 | WASHER             | A/R  |
|          | QUE01100 | NUT                | A/R  |
| 2        | 91021    | MUD FLAP With Logo | 2    |
| 3        | CIG00800 | BRACKET, Anti Sail | 2    |

---



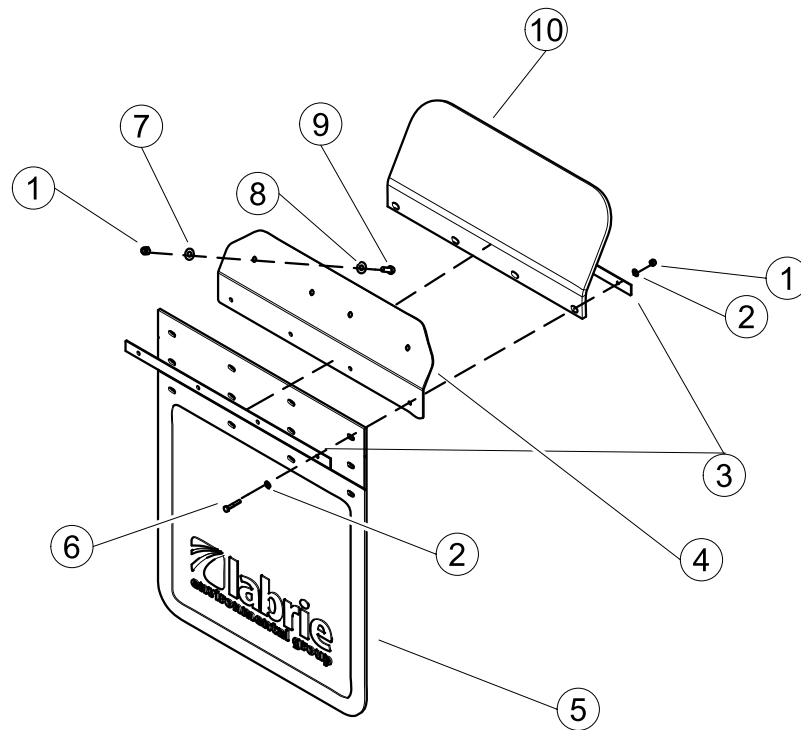
# MUD FLAPS WO/ LOGO, Fender Mount, With Chain



| REF. NO. | PART NO. | DESCRIPTION            | QTY. |
|----------|----------|------------------------|------|
| 1        | 5523     | BRACKET                | 2    |
|          | QUB02150 | BOLT                   | A/R  |
|          | QUR01700 | WASHER                 | A/R  |
|          | QUR01704 | WASHER                 | A/R  |
|          | QUE01100 | NUT                    | A/R  |
| 2        | 10976    | BRACKET                | 2    |
|          | QUB03500 | BOLT                   | 2    |
|          | QUR01900 | WASHER                 | 4    |
|          | QUE01300 | NUT                    | 2    |
| 3        | 43694    | MUD FLAP, Without Logo | 2    |
| 4        | 80215    | CHAIN                  | 2    |

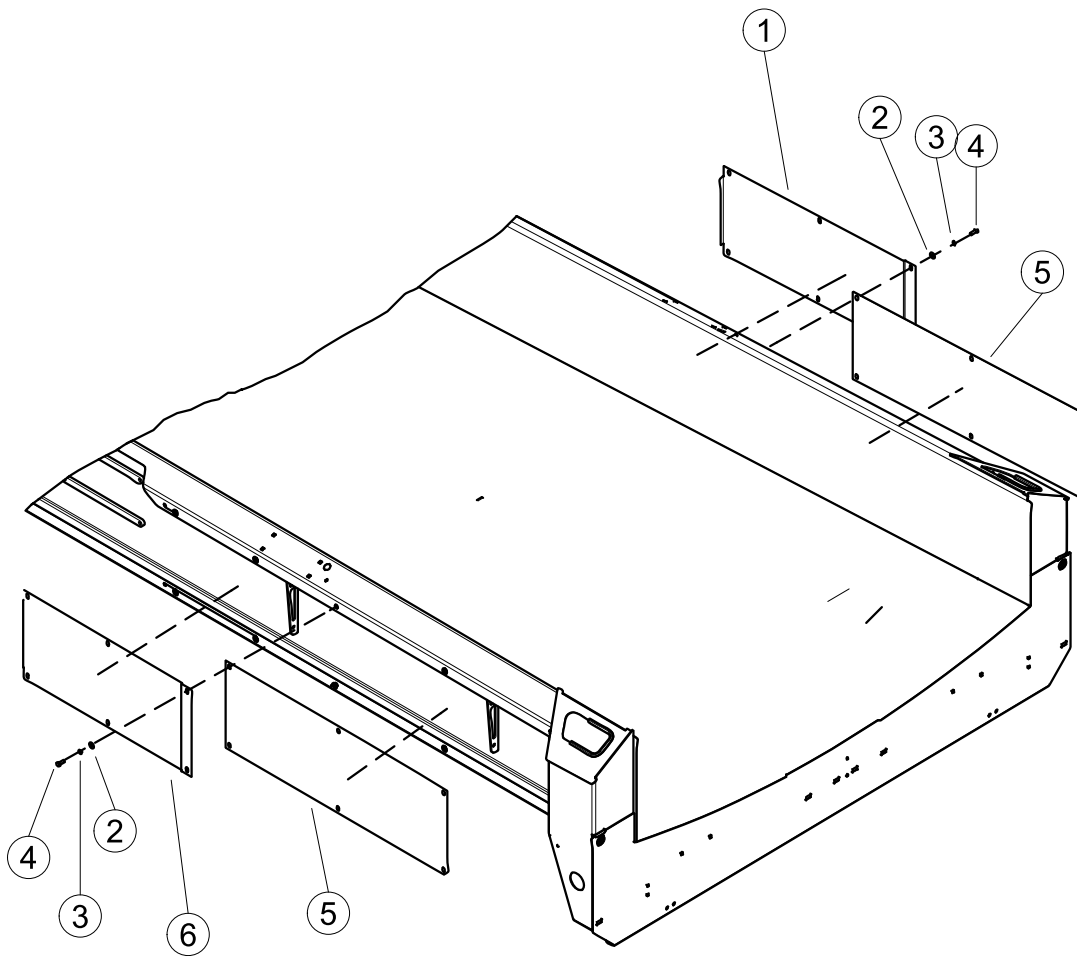
**SECTION 1****MUDFLAPS WITH LOGO - Tailgate Mount**

---



| REF. NO. | PART NO. | DESCRIPTION        | QTY. |
|----------|----------|--------------------|------|
| 1        | QUE01100 | NUT                | 16   |
| 2        | QUR01700 | WASHER             | 16   |
| 3        | 5523     | BRACKET            | 4    |
| 4        | 80368    | BRACKET            | 2    |
| 5        | 91021    | MUDFLAP, With Logo | 2    |
| 6        | QUB02200 | BOLT               | 8    |
| 7        | QUR01900 | WASHER             | 8    |
| 8        | QUR01704 | WASHER             | 8    |
| 9        | QUB03400 | BOLT               | 8    |
| 10       | 43699    | BRACKET            | 2    |

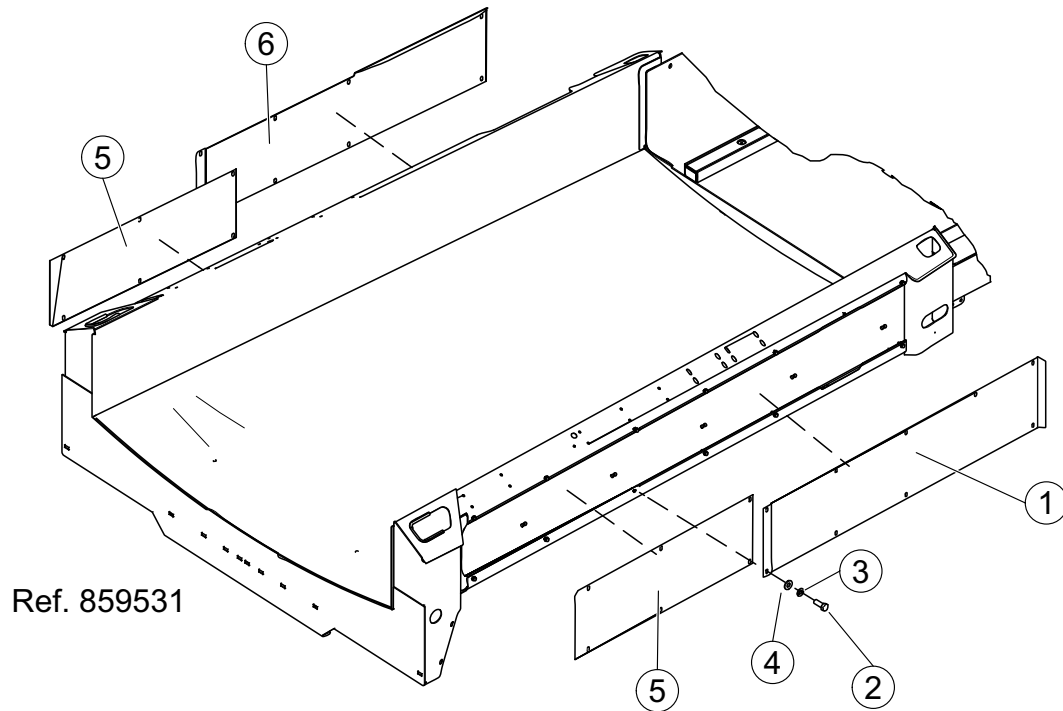
## SIDE PANELS - Body



| REF. NO. | PART NO. | DESCRIPTION                                       | QTY. |
|----------|----------|---------------------------------------------------|------|
| 1        | 152070   | PANEL, Side - Curbside Forward (15, 20 & 27 Yd)   | 1    |
| 2        | QUR01275 | WASHER                                            | A/R  |
| 3        | QUR01900 | WASHER                                            | A/R  |
| 4        | QUB03400 | BOLT                                              | A/R  |
| 5        | 69809    | PANEL, Side - Rearward (15 - 20 Yd)               | 2    |
|          | 69964    | PANEL, Side - Rearward (27 Yd)                    | 2    |
| 6        | 152071   | PANEL, Side - Streetside Forward (15, 20 & 27 Yd) | 1    |

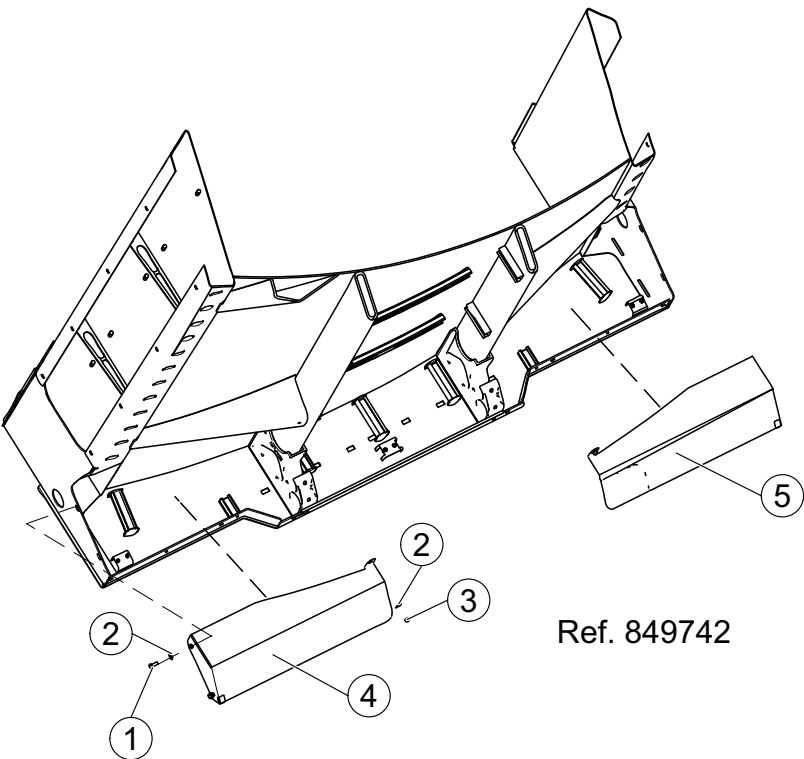
## SECTION 1

# SIDE PANELS, BODY - (AU With Helping Hand Arm)



| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | 87580    | PANEL       | 1    |
| 2        | QUB03401 | BOLT        | 25   |
| 3        | QUR01272 | WASHER      | 25   |
| 4        | QUR01902 | WASHER      | 25   |
| 5        | 87579    | PANEL       | 2    |
| 6        | 189394   | PANEL       | 1    |

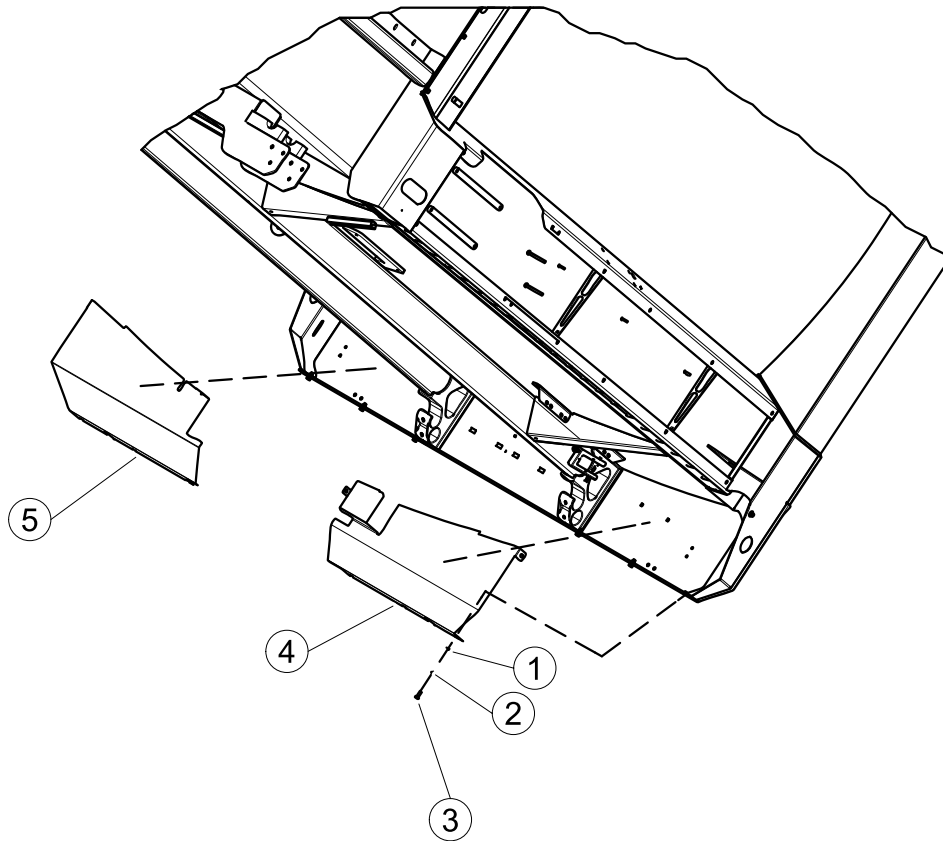
ENCLOSURE, Tube -Lower Rear Body - HH Arm Unit



| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | QUB03399 | BOLT        | 4    |
| 2        | QUR01901 | WASHER      | 6    |
| 3        | QUE01901 | NUT         | 2    |
| 4        | 183614   | COVER, R.S. | 1    |
| 5        | 183615   | COVER, L.S. | 1    |

**SECTION 1****ENCLOSURE, Tube - Lower Rear Body**

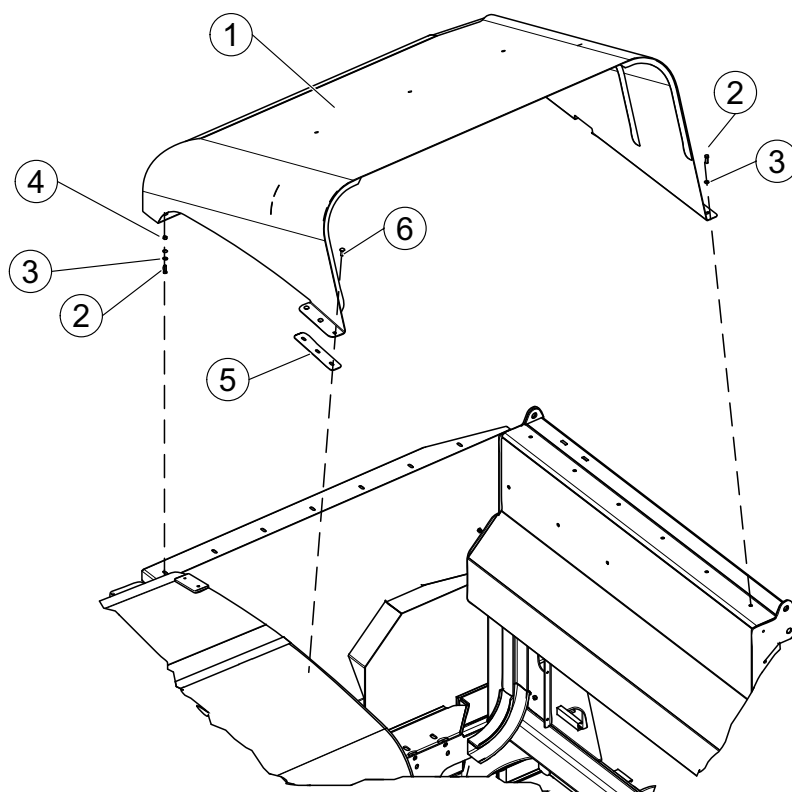
---



| REF. NO. | PART NO. | DESCRIPTION                | QTY. |
|----------|----------|----------------------------|------|
| 1        | QUR01900 | WASHER                     | A/R  |
| 2        | QUR01275 | WASHER                     | A/R  |
| 3        | QUB03400 | BOLT                       | A/R  |
| 4        | 152403   | ENCLOSURE, Streetside Rear | 1    |
| 5        | 82452    | ENCLOSURE, Curbside Rear   | 1    |

---

## HOPPER Cover - Used on unit with Helping Hand arm



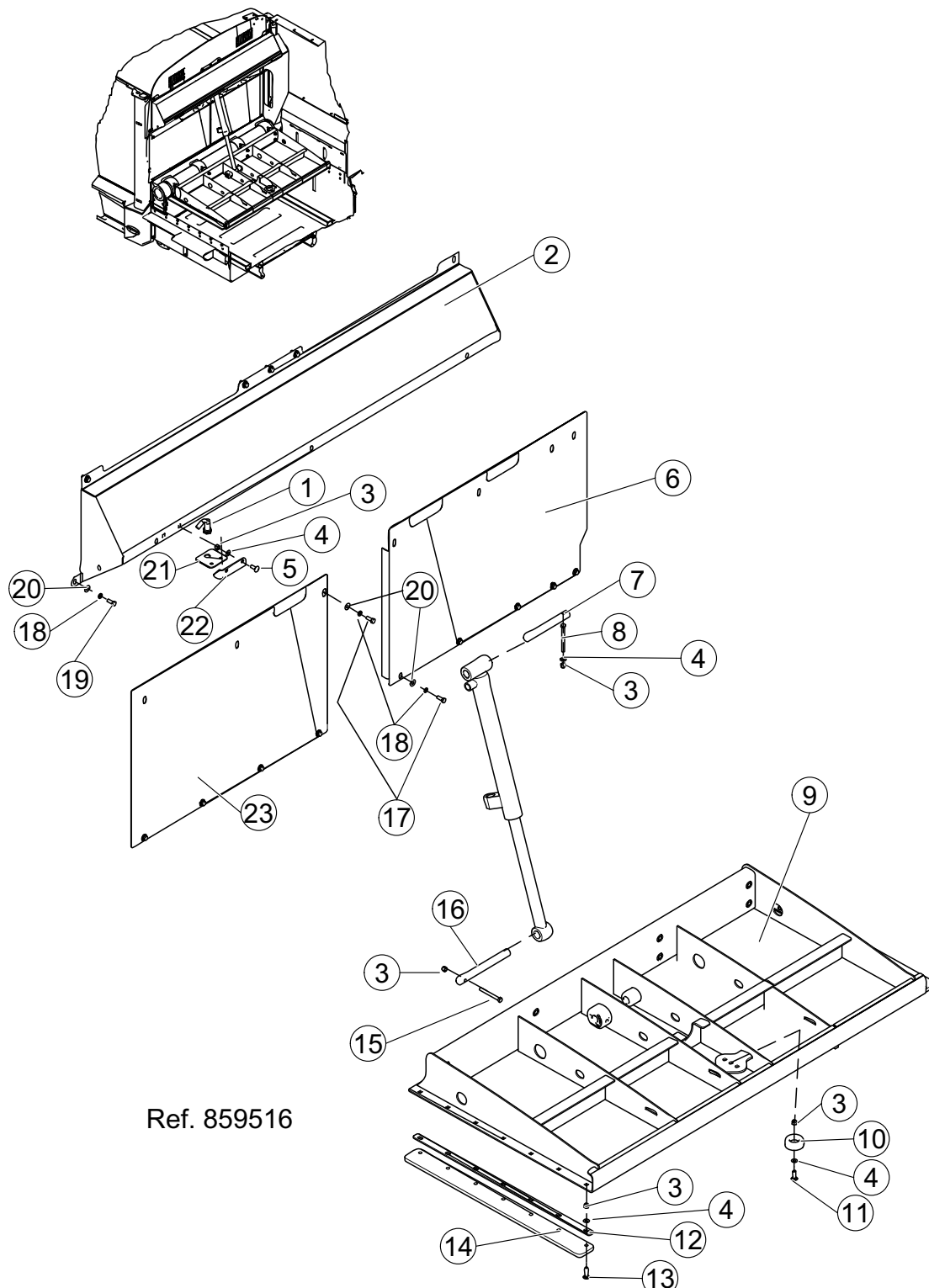
Ref. 859534

| REF. NO. | PART NO. | DESCRIPTION  | QTY. |
|----------|----------|--------------|------|
| 1        | 180209   | CANOPY       | 1    |
| 2        | QUB03501 | BOLT         | 11   |
| 3        | QUR01902 | WASHER       | 17   |
| 4        | QUE01302 | NUT          | 6    |
| 5        | 172698   | BACKUP PLATE | 1    |
| 6        | QUB11940 | BOLT         | 3    |

**SECTION 1**

# CRUSHER W/Helping Hand Arm

---



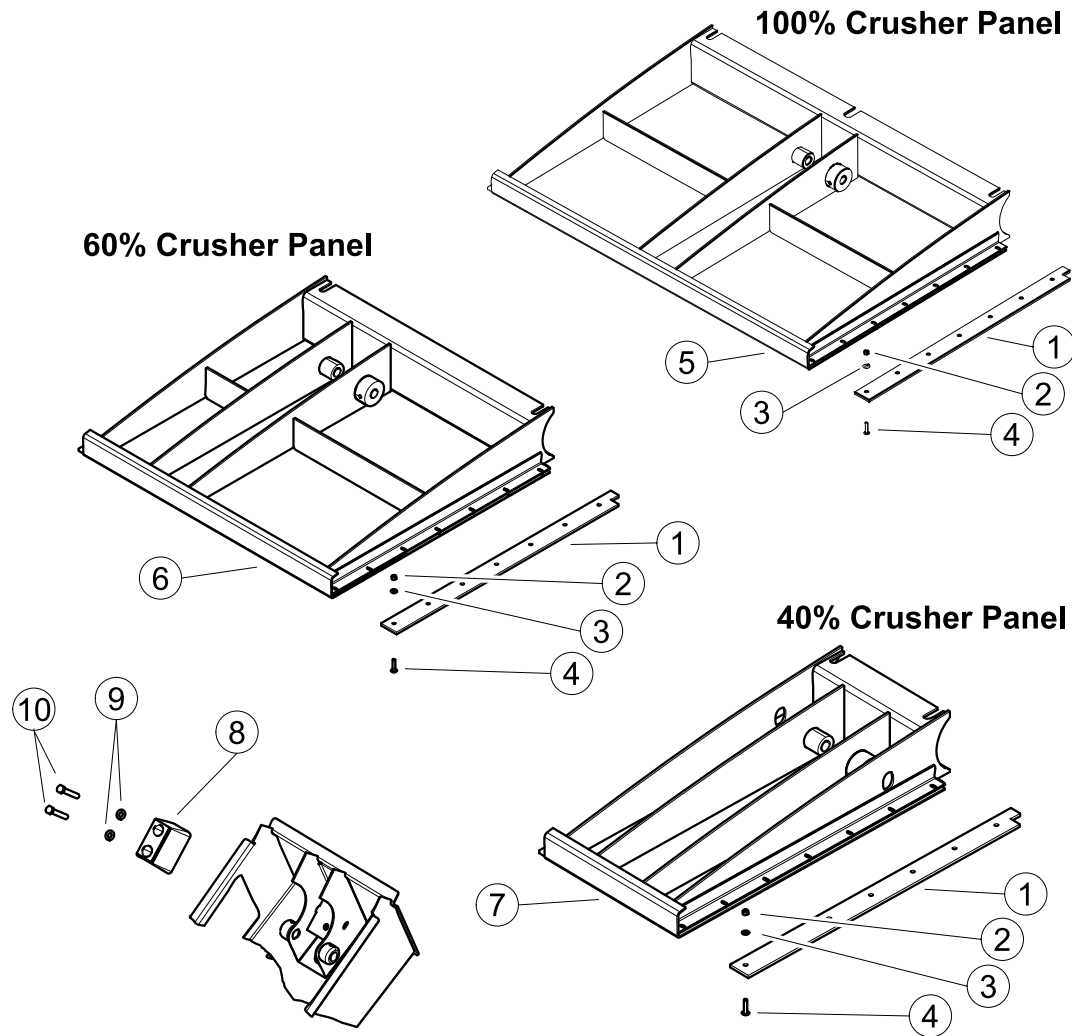


## CRUSHER W/Helping Hand Arm

| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | 45103-03 | SENSOR, Proximity | 1    |
| 2        | 155328   | DEFLECTER, Hopper | 1    |
| 3        | QUE01302 | NUT               | 19   |
| 4        | QUR01902 | WASHER            | 5    |
| 5        | QUB11935 | BOLT, Carriage    | 4    |
| 6        | 189279   | PANEL             | 1    |
| 7        | 10300    | PIN               | 1    |
| 8        | QUB04055 | BOLT              | 1    |
| 9        | 189262   | WELDMENT, Crusher | 1    |
| 10       | QUB00075 | BUMPER, Rubber    | 1    |
| 11       | QUB11940 | BOLT, Carriage    | 1    |
| 12       | 189495   | PLATE, Backup     | 2    |
| 13       | QUB11945 | BOLT, Carriage    | 14   |
| 14       | 189496   | ENCLOSURE, Rubber | 2    |
| 15       | QUB04012 | BOLT              | 1    |
| 16       | 10301    | BOLT              | 1    |
| 17       | QUB03399 | BOLT              | 21   |
| 18       | QUR01274 | WASHER            | 21   |
| 19       | QUR01901 | WASHER            | 21   |
| 20       | 189387   | PLATE, Proximity  | 1    |
| 21       | 189378   | BRACKET           | 1    |
| 22       | 189267   | PANEL             | 1    |



## CRUSHER PANELS

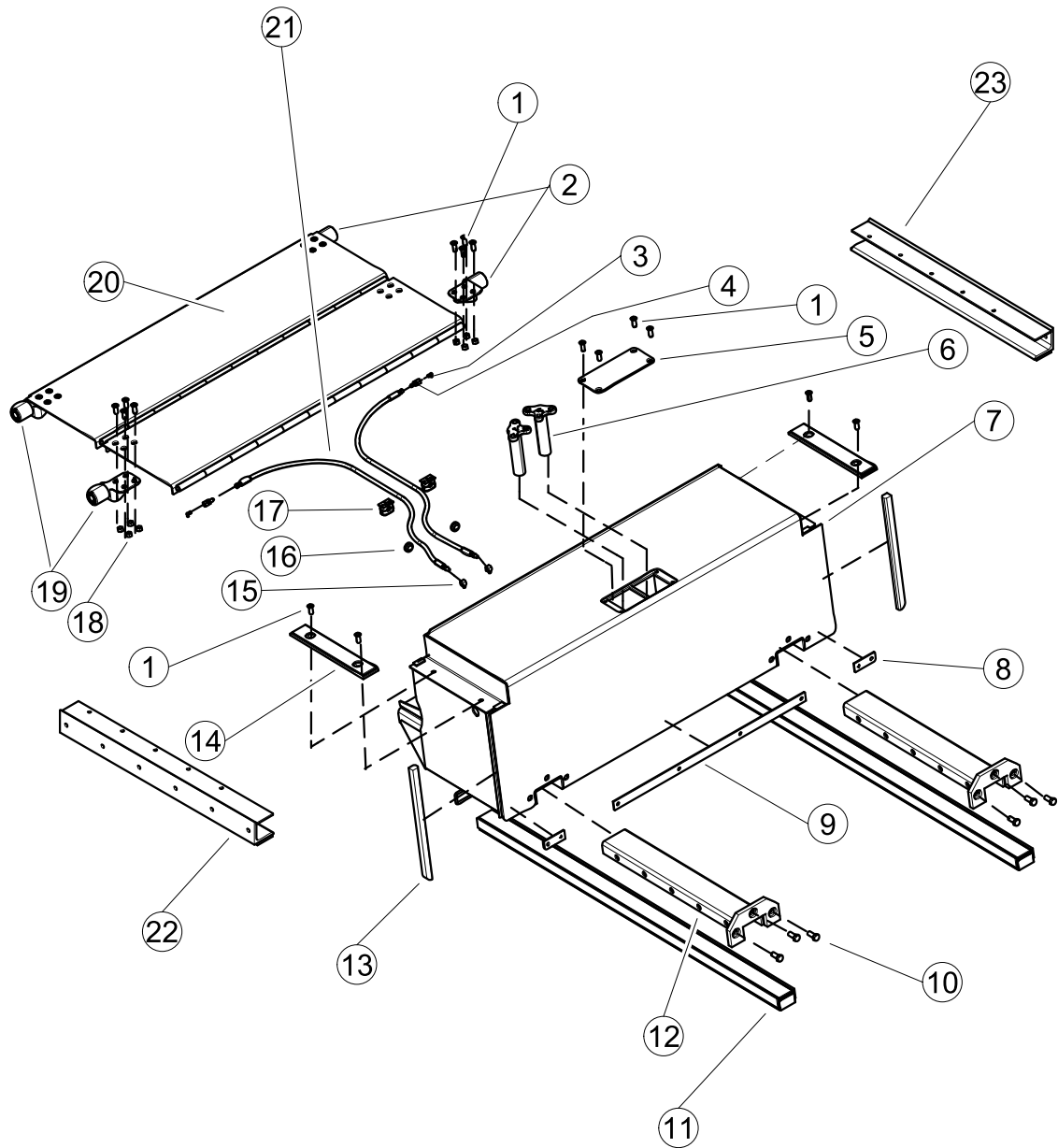


| REF. NO. | PART NO. | DESCRIPTION                               | QTY. |
|----------|----------|-------------------------------------------|------|
| 1        | 73065    | RUBBER                                    | 2    |
| 2        | QUE01200 | NUT                                       | 14   |
| 3        | QUR01800 | WASHER                                    | 28   |
| 4        | QUV02705 | BOLT                                      | 14   |
| 5        | 152270   | CRUSHER ASSY. 100% (Incls Items 1 Thru 4) | 1    |
| 6        | 76638    | CRUSHER ASSY. 60% (Incls Items 1 Thru 4)  | 1    |
| 7        | 152178   | CRUSHER ASSY. 40% (Incls Items 1 Thru 4)  | 1    |
| 8        | QUC00100 | BUMPER, Rubber                            | 1    |
| 9        | QUR01905 | WASHER                                    | 2    |
| 10       | QUB04825 | BOLT                                      | 2    |

**SECTION 1**

**PACKER PANEL - Std.**

---



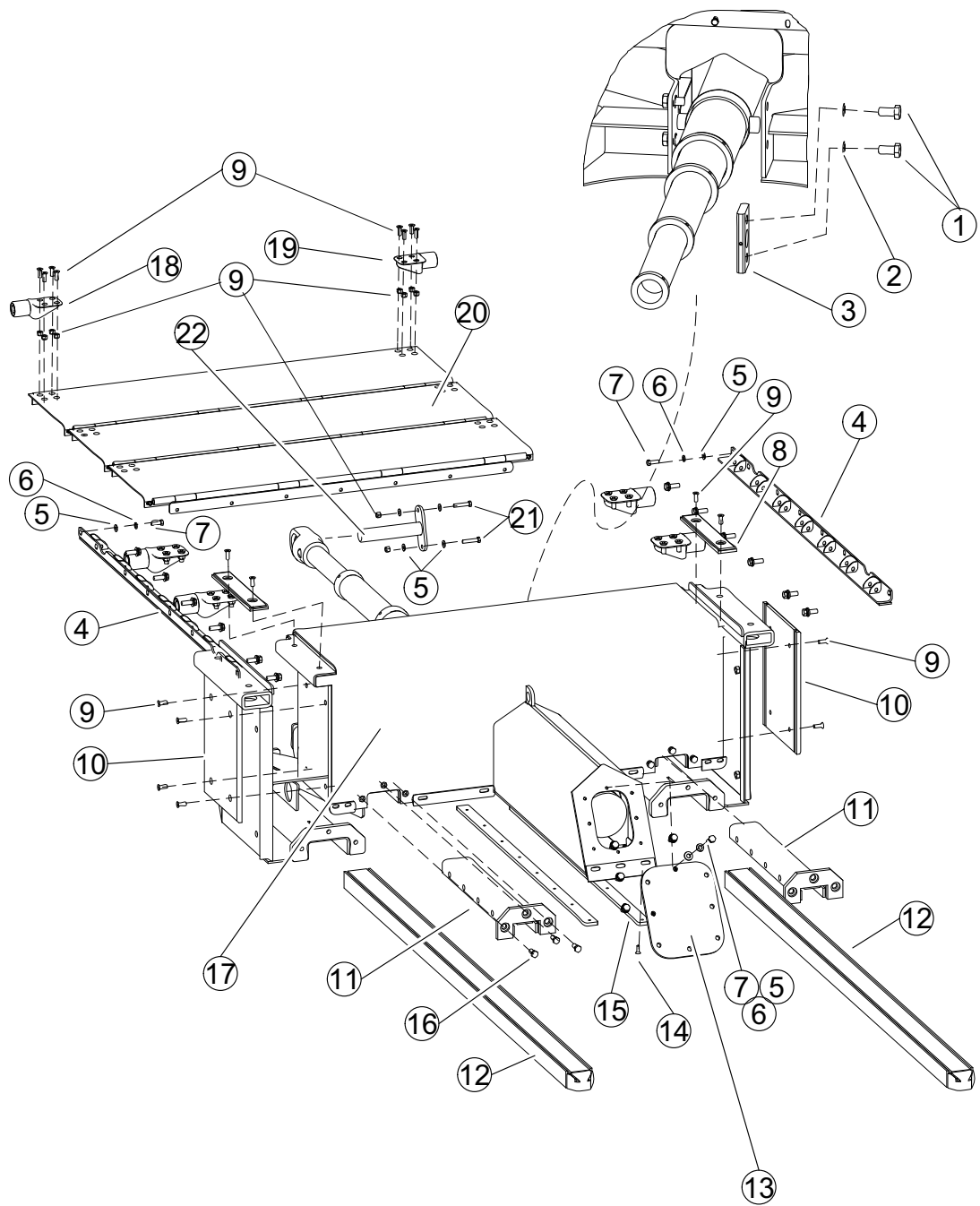
**PACKER PANEL - Std.**

| REF. NO. | PART NO. | DESCRIPTION                    | QTY. |
|----------|----------|--------------------------------|------|
| 1        | QUB05800 | BOLT                           | 24   |
| 2        | 60778    | ASSEMBLY, Roller R.S.          | 2    |
| 3        | QUG00300 | FITTING, Grease                | 2    |
| 4        | HYF19950 | FITTING, Bulkhead              | 2    |
|          | HYF19960 | NUT, Lock                      | 2    |
| 5        | 20436    | COVER                          | 1    |
| 6        | 60754    | PIN, Packer Cylinder           | 2    |
| 7        | 75860    | WELDMENT, Packer               | 1    |
| 8        | 152151   | COVER, Side                    | 2    |
| 9        | 38563    | COVER, Center                  | 1    |
| 10       | QUB05100 | BOLT                           | 6    |
| 11       | 9978     | RAIL, (Welded IN Body)         | 2    |
| 12       | 9970     | WEAR SHOE                      | 2    |
| 13       | 25805    | WEAR SHOE, Side Plastic        | 2    |
| 14       | 11577    | WEAR SHOE, Side Steel          | 2    |
| 15       | PNF09600 | FITTING                        | 2    |
| 16       | QUG01900 | GROMMET, Rubber                | 2    |
| 17       | QUA01100 | CLAMP, Hose                    | 4    |
| 18       | QUE01500 | NUT                            | 16   |
| 19       | 60779    | ASSEMBLY, Roller L.S.          | 2    |
| 20       | 71062    | PANEL, Follower (Less Rollers) | 1    |
| 21       | 16045    | HOSE                           | 2    |
| 22       | 11571    | GUIDE, Left                    | 1    |
| 23       | 11570    | GUIDE, Right                   | 1    |

**SECTION 1**

**PACKER PANEL - FULL EJECT - Units Before AU14116NIA**

---



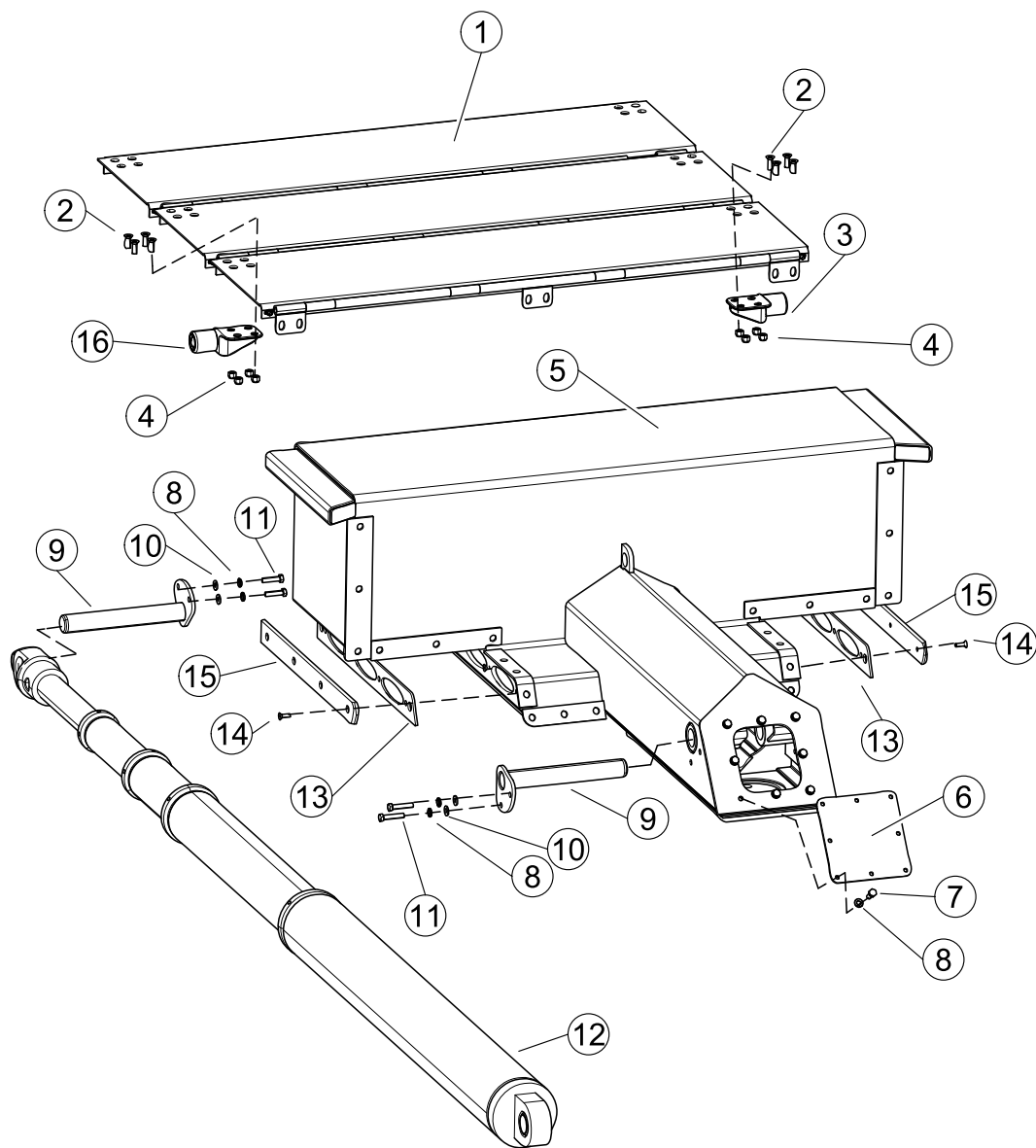
**PACKER PANEL - FULL EJECT** - Units before AU14116NIA

| REF. NO. | PART NO. | DESCRIPTION                  | QTY. |
|----------|----------|------------------------------|------|
| 1        | QUB06570 | BOLT                         | 4    |
| 2        | QUR02116 | WASHER                       | 4    |
| 3        | 162097   | PLATE, Retainer              | 2    |
| 4        | 162023   | RAIL                         | 2    |
| 5        | QUR01912 | WASHER                       | 40   |
| 6        | QUR01300 | WASHER                       | 22   |
| 7        | QUB04503 | BOLT                         | 29   |
| 8        | 11577    | SHOE, Wear - Upper           | 2    |
| 9        | QUB01500 | BOLT                         | 33   |
| 10       | 162150   | PLATE, Wear - Side           | 2    |
| 11       | 155185   | SHOE, Wear - Lower           | 2    |
| 12       | 162085   | TRACK, Wear - Hopper Floor   | 2    |
| 13       | 162123   | COVER                        | 1    |
| 14       | QUB05605 | BOLT                         | 16   |
| 15       | 161316   | BAR, Wear - Mid Packer       | 2    |
| 16       | QUB05100 | BOLT                         | 6    |
| 17       | 162018   | PACKER (Includes Item #11)   | 1    |
| 18       | 60779    | ROLLER, Follower - L.S.      | 3    |
| 19       | 60778    | ROLLER, Follower - R.S.      | 3    |
| 20       | 162161   | PANEL, Follower (No Rollers) | 1    |
| 21       | QUB04801 | BOLT                         | 2    |
| 22       | 161371   | PIN                          | 1    |

**SECTION 1**

**PACKER PANEL - Full Eject - S/N AU14116NIA & Above**

---



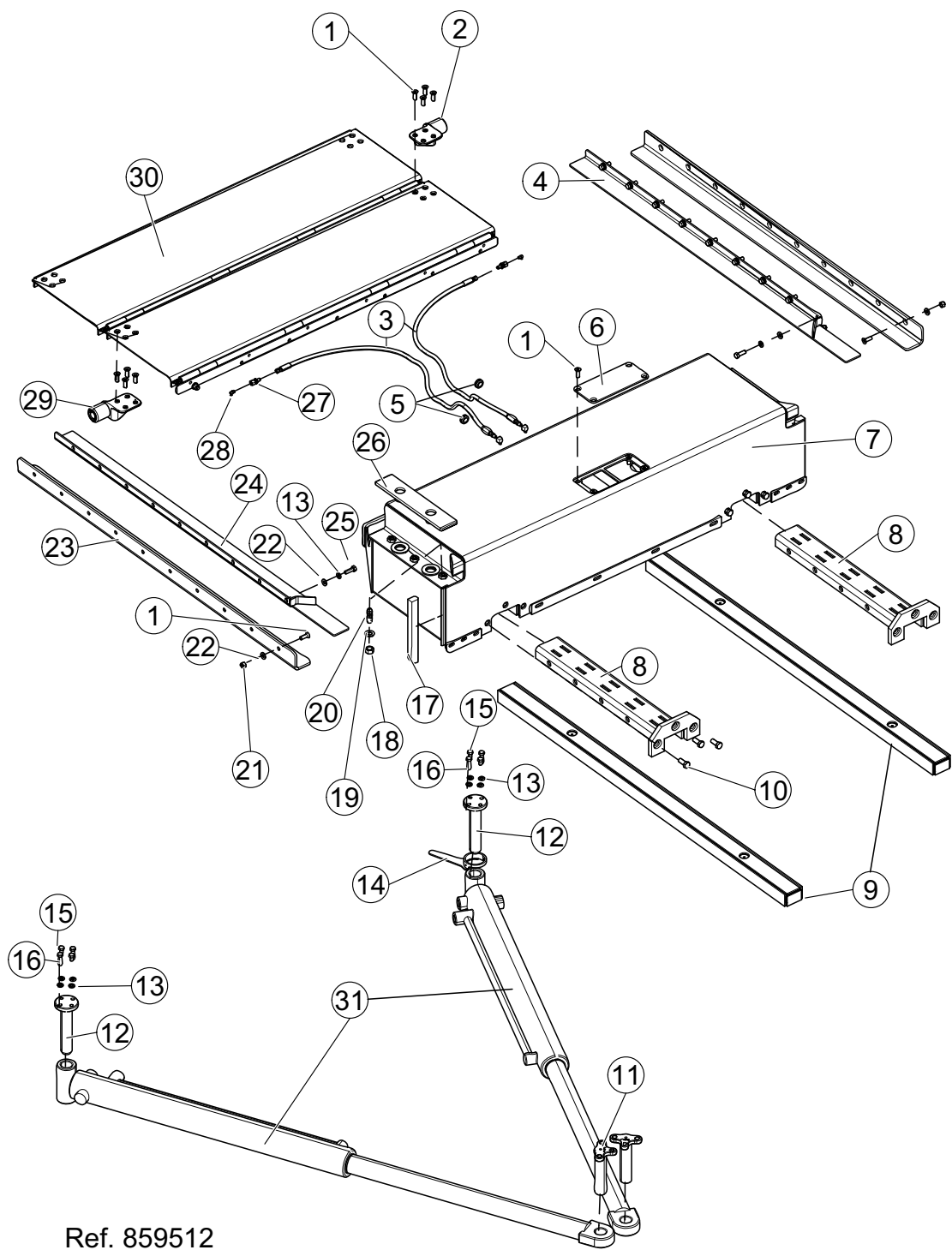


**SECTION 1****PACKER PANEL - Full Eject - S/N AU14116NIA & Above**

| REF. NO. | PART NO. | DESCRIPTION            | QTY. |
|----------|----------|------------------------|------|
| 1        | 79847    | ASSY., Follower Panels | 1    |
| 2        | QUB05800 | BOLT                   | 24   |
| 3        | 60778    | ASSY., Roller - RS     | 3    |
| 4        | QUE01500 | NUT                    | 24   |
| 5        | 179759   | PACKER WELDMENT        | 1    |
| 6        | 169581   | COVER                  | 1    |
| 7        | QUB04411 | BOLT                   | 8    |
| 8        | QUR01300 | WASHER                 | 12   |
| 9        | 169582   | PIN, Packer Cylinder   | 2    |
| 10       | QUR01912 | WASHER                 | 4    |
| 11       | QUB04801 | BOLT                   | 4    |
| 12       | HYC01331 | CYLINDER               | 1    |
| 13       | 179881   | SHIM                   | A/R  |
| 14       | QUB05605 | BOLT                   | 8    |
| 15       | 168859   | WEAR PLATE             | 2    |
| 16       | 60779    | ASSY., Roller - LS     | 3    |

**SECTION 1**

**PACKER PANEL W/Helping Hand Arm**



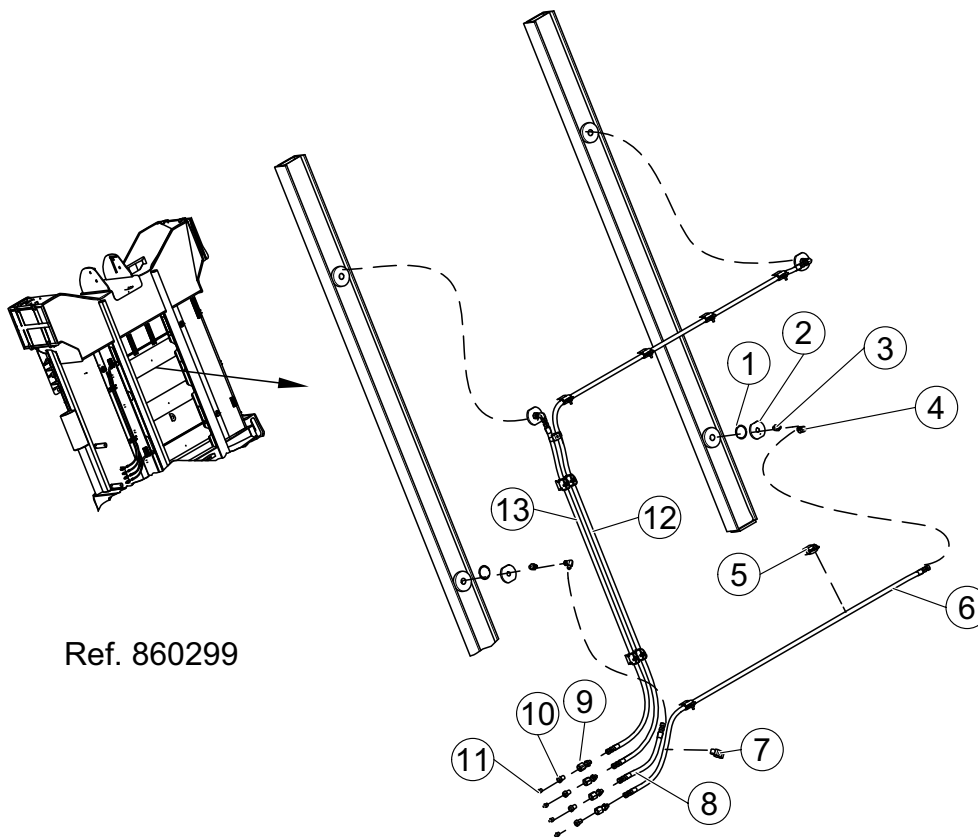
Ref. 859512

## PACKER PANEL W/Helping Hand Arm

| REF. NO. | PART NO.    | DESCRIPTION                                     | QTY. |
|----------|-------------|-------------------------------------------------|------|
| 1        | QUB05800    | BOLT                                            | 40   |
| 2        | 60778       | FOLLOWER ROLLER - R.S.                          | 2    |
| 3        | 89562       | HOSE                                            | 2    |
| 4        | 189314      | GUIDE - R.S.                                    | 1    |
| 5        | QUG001900   | GROMMET                                         | 2    |
| 6        | 20436       | PLATE                                           | 1    |
| 7        | 186238      | WELDMENT, Packer - Packer with Helping Hand Arm | 1    |
| 8        | 155185      | WEAR SHOE                                       | 2    |
| 9        | 183729      | RAIL, (Weld in Body)                            | 2    |
| 10       | QUB05100    | BOLT                                            | 6    |
| 11       | 60754       | PIN                                             | 2    |
| 12       | 60770       | PIN                                             | 2    |
| 13       | QUR01300    | WASHER                                          | 26   |
| 14       | 189305      | ACTUATOR, Sensor                                | 1    |
| 15       | QUB04601    | BOLT                                            | 4    |
| 16       | QUB04385    | BOLT                                            | 4    |
| 17       | 189382      | WEAR SHOE, Side - Plastic                       | 2    |
| 18       | QUE00891    | NUT                                             | 6    |
| 19       | QUR02000    | WASHER                                          | 6    |
| 20       | QUV02884    | SETSCREW                                        | 6    |
| 21       | QUE01500    | NUT                                             | 43   |
| 22       | QUR01912    | WASHER                                          | 52   |
| 23       | 189308      | GUIDE                                           | 2    |
| 24       | 189313      | GUIDE - L.S.                                    | 1    |
| 25       | QUB04503    | BOLT                                            | 25   |
| 26       | 97673       | WEAR SHOE, Side Steel                           | 2    |
| 27       | HYF19950    | CONNECTOR                                       | 2    |
| 28       | QUG00300    | FITTING, Grease                                 | 2    |
| 29       | 60779       | FOLLOWER ROLLER - L.S.                          | 2    |
| 30       | 87767       | PANEL, Follower (Less Rollers)                  | 1    |
| 31       | HYC00507-01 | CYLINDER                                        | 2    |

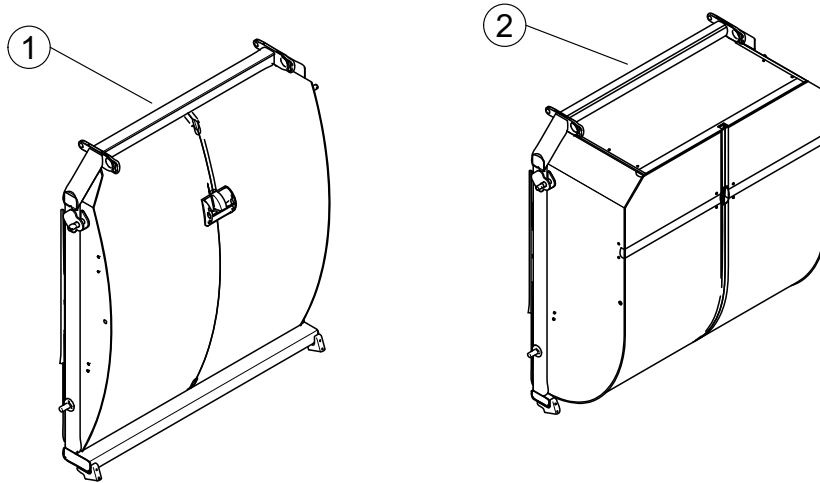
## SECTION 1

# Grease Lines for Body Floor Rails Used on HH units



| REF. NO. | PART NO.  | DESCRIPTION              | QTY. |
|----------|-----------|--------------------------|------|
| 1        | HYJ01485  | SEAL                     | 4    |
| 2        | 189483    | CONNECTOR, Grease        | 4    |
| 3        | HYF04700  | ADAPTER                  | 4    |
| 4        | HYF07900  | ELBOW                    | 4    |
| 5        | HHYS00200 | SUPPORT, Hose            | 10   |
| 6        | 183736    | HOSE                     | 1    |
| 7        | ELA01300  | CLAMP,, Dual - - Plastic | 2    |
| 8        | 183737    | HOSE                     | 1    |
| 9        | HYF01040  | CONNECTOR                | 4    |
| 10       | HYF08955  | ADAPTER                  | 4    |
| 11       | QUG00200  | FITTING, Grease          | 4    |
| 12       | 183738    | HOSE                     | 1    |
| 13       | 183739    | HOSE                     | 1    |

## TAILGATE WELDMENT - Full Tailgate

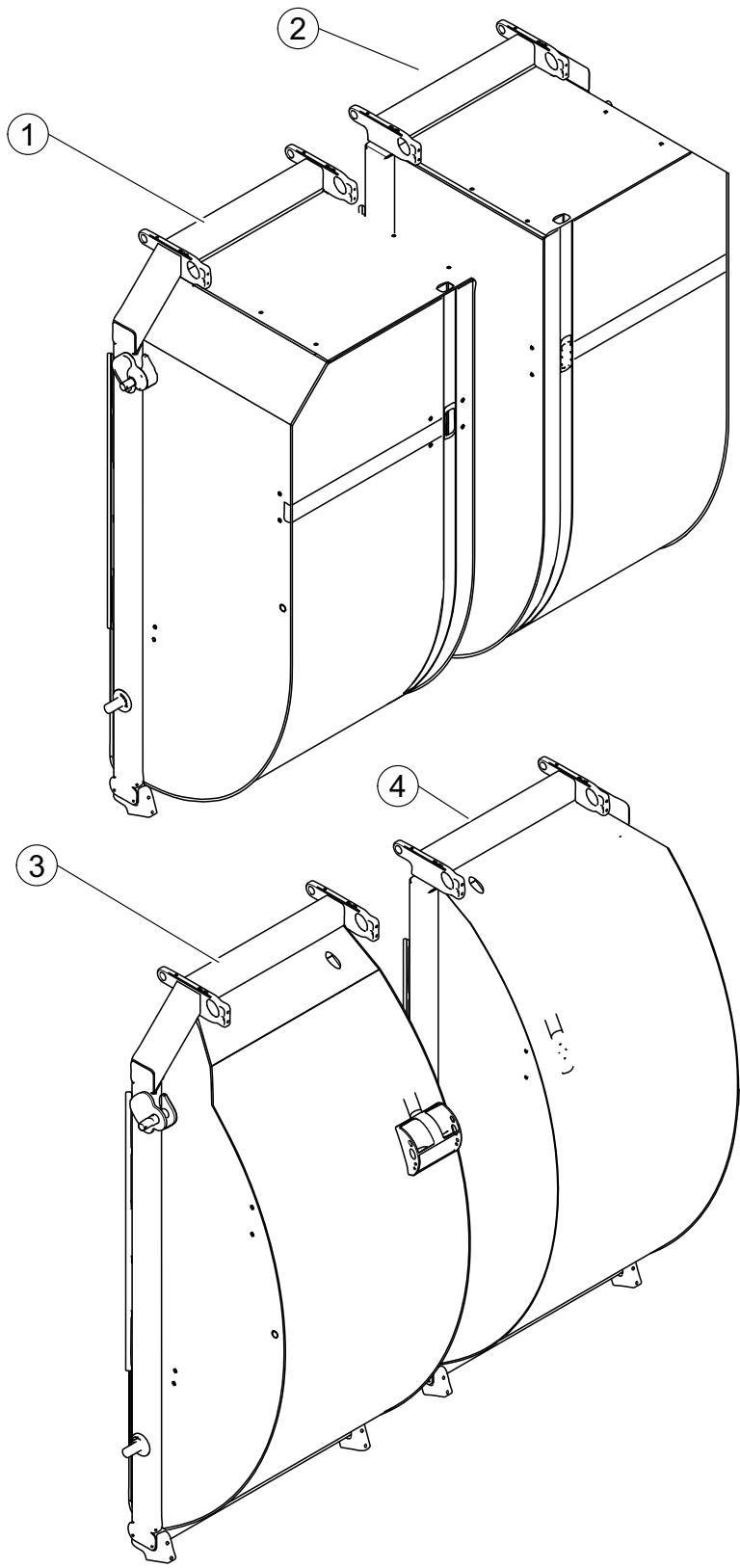


| REF. NO. | PART NO. | DESCRIPTION                       | QTY. |
|----------|----------|-----------------------------------|------|
| 1        | 155349   | WELDMENT, 0YD - 30" Seal - RD Top | 1    |
|          | 155350   | WELDMENT, 0YD - 48" Seal - RD Top | 1    |
|          | 155351   | WELDMENT, 2YD - 30" Seal - RD Top | 1    |
|          | 155352   | WELDMENT, 2YD - 48" Seal - RD Top | 1    |
|          | 155353   | WELDMENT, 4YD - 30" Seal - RD Top | 1    |
|          | 155354   | WELDMENT, 4YD - 48" Seal - RD Top | 1    |
|          | 155359   | WELDMENT, 6YD - 30" Seal - RD Top | 1    |
|          | 155360   | WELDMENT, 6YD - 48" Seal - RD Top | 1    |
|          | 161433   | WELDMENT, 6YD - 30" Seal - SQ Top | 1    |
| 2        |          |                                   |      |

**SECTION 1**

**TAILGATE WELDMENTS - Split Tailgates**

---



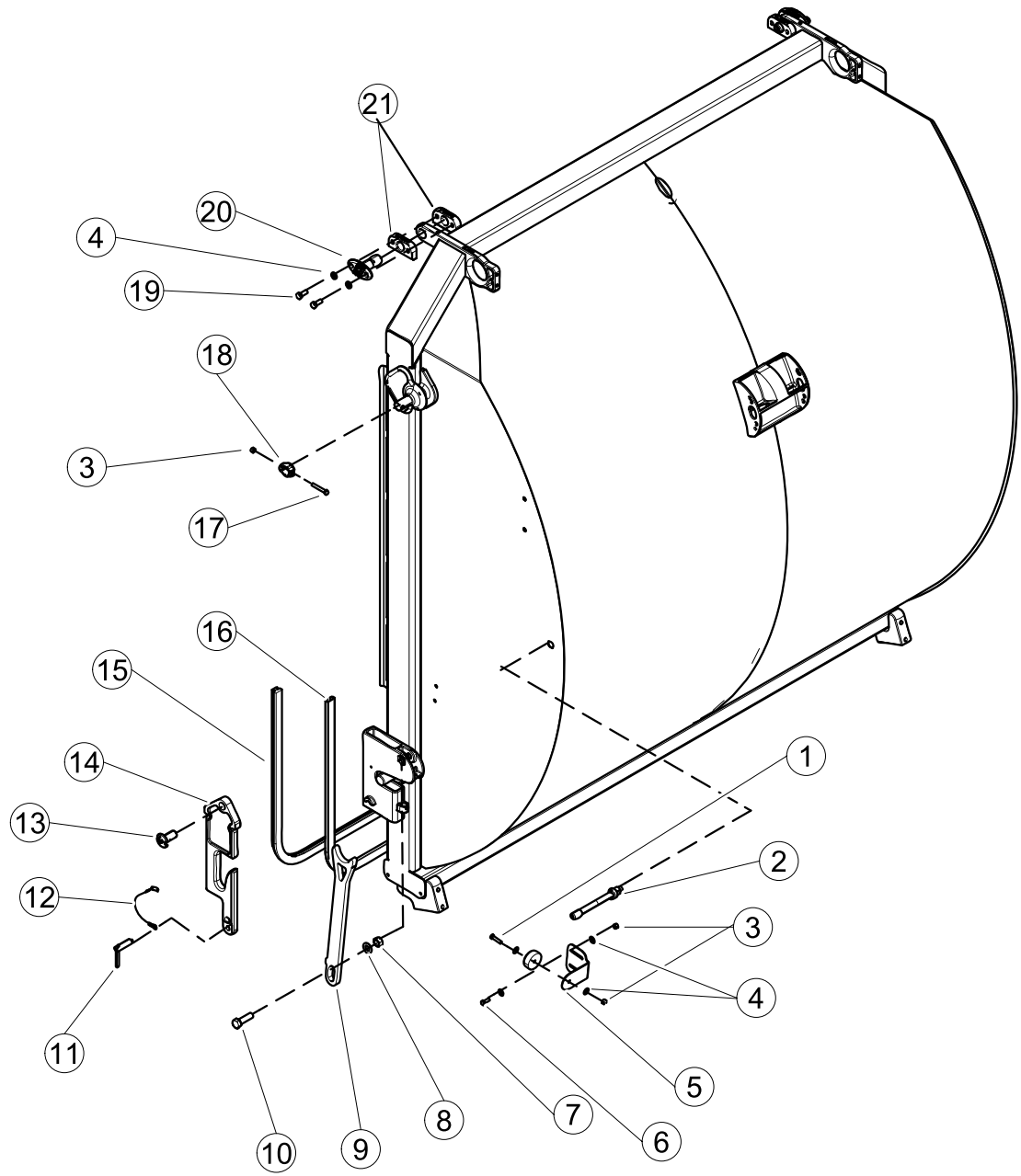
## TAILGATE WELDMENTS - Split Tailgates

| REF. NO. | PART NO. | DESCRIPTION                              | QTY. |
|----------|----------|------------------------------------------|------|
| 1        | 160528   | WELDMENT, 6YD - 40% - 30" Seal - SQ. Top | 1    |
|          | 85946    | WELDMENT, 6YD - 50% - 30" Seal - SQ. Top | 1    |
|          | 85948    | WELDMENT, 6YD - 60% - 30" Seal - SQ. Top | 1    |
| 2        | 85949    | WELDMENT, 6YD - 40% - 30" Seal - SQ. Top | 1    |
|          | 85947    | WELDMENT, 6YD - 50% - 30" Seal - SQ. Top | 1    |
|          | 160527   | WELDMENT, 6YD - 60% - 30" Seal - SQ. Top | 1    |
| 3        | 85920    | WELDMENT, 2YD - 60% - 30" Seal - RD. Top | 1    |
|          | 85932    | WELDMENT, 4YD - 40% - 30" Seal - RD. Top | 1    |
|          | 85934    | WELDMENT, 4YD - 50% - 30" Seal - RD. Top | 1    |
|          | 85936    | WELDMENT, 4YD - 60% - 30" Seal - RD. Top | 1    |
| 4        | 85921    | WELDMENT, 2YD - 40% - 30" Seal - RD. Top | 1    |
|          | 85937    | WELDMENT, 4YD - 40% - 30" Seal - RD. Top | 1    |
|          | 85935    | WELDMENT, 4YD - 50% - 30" Seal - RD. Top | 1    |
|          | 85933    | WELDMENT, 4YD - 60% - 30" Seal - RD. Top | 1    |

**SECTION 1**

**TAILGATE INSTALLATION - Full Tailgate**

---





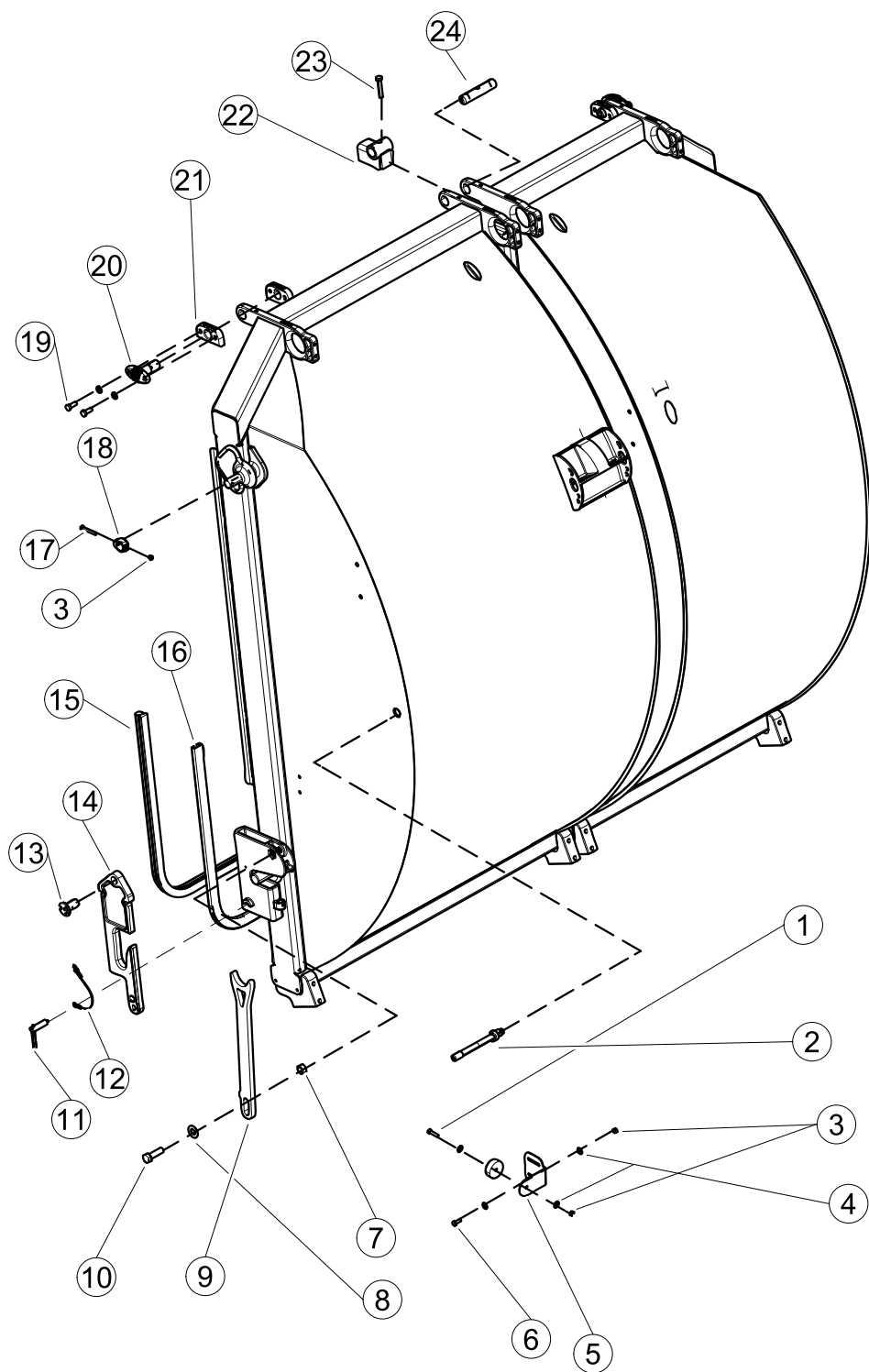
## TAILGATE INSTALLATION - Full Tailgate

| REF. NO. | PART NO. | DESCRIPTION                  | QTY. |
|----------|----------|------------------------------|------|
| 1        | QUB03600 | BOLT                         | 2    |
| 2        | 48408    | INDICATOR                    | 2    |
| 3        | QUE01300 | NUT                          | 6    |
| 4        | QUR01900 | WASHER                       | 4    |
| 5        | 69653    | BRACKET                      | 2    |
| 6        | QUB03400 | BOLT                         | 2    |
| 7        | QUE02045 | NUT                          | 2    |
| 8        | QUR02005 | WASHER                       | 2    |
| 9        | 81011    | PROP                         | 2    |
| 10       | QUB08700 | BOLT                         | 2    |
| 11       | 69119    | PIN                          | 2    |
| 12       | QUE01100 | CABLE                        | 2    |
| 13       | 60782    | PIN                          | 2    |
| 14       | 60785    | LATCH                        | 2    |
| 15       | CIC01950 | SEAL - 142"                  | 1    |
|          | CIC01955 | SEAL - 180"                  | 1    |
| 16       | 10154    | CHANNEL, Seal - 30" Vertical | 1    |
|          | 36006    | CHANNEL, Seal - 48" Vertical | 1    |
| 17       | QUB03910 | BOLT                         | 2    |
| 18       | 69061    | RETAINER                     | 2    |
| 19       | QUB04500 | BOLT                         | 4    |
| 20       | 69071    | PIN                          | 2    |
| 21       | 69932    | PIVOT                        | 4    |

**SECTION 1**

**TAILGATE INSTALLATION - Split Tailgates**

---



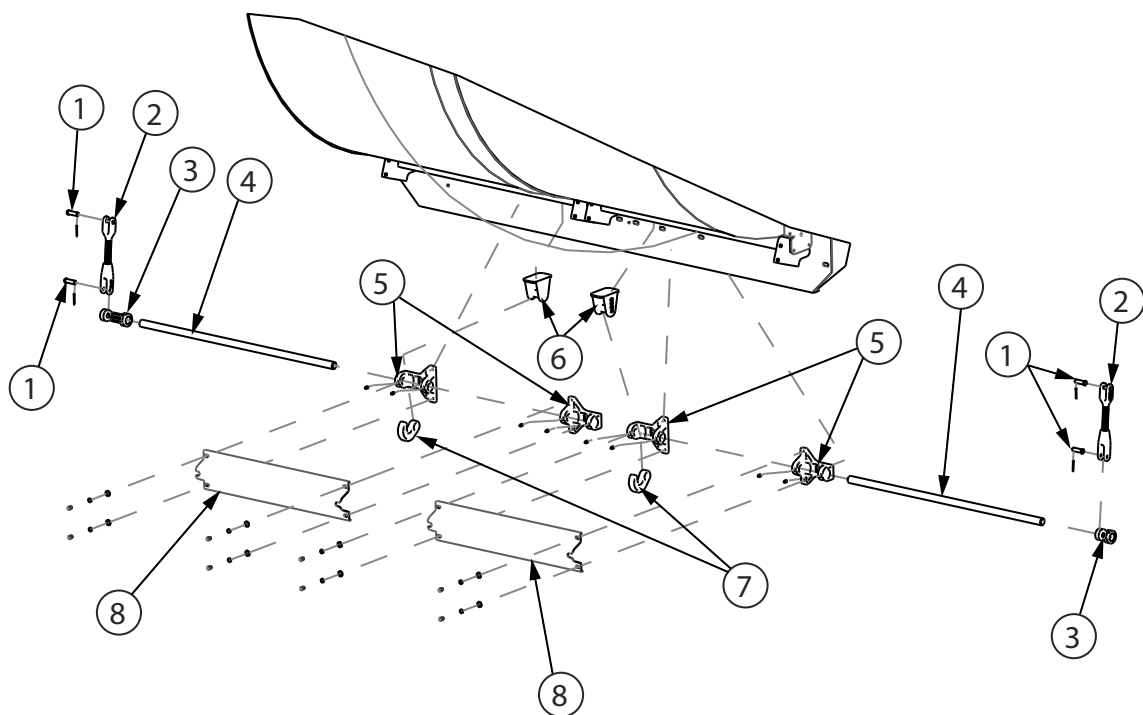
## TAILGATE INSTALLATION - Split Tailgates

| REF. NO. | PART NO. | DESCRIPTION            | QTY. |
|----------|----------|------------------------|------|
| 1        | QUB03600 | BOLT                   | 2    |
| 2        | 48408    | INDICATOR              | 2    |
| 3        | QUE01300 | NUT                    | 6    |
| 4        | QUR01900 | WASHER                 | 4    |
| 5        | 69653    | BRACKET                | 2    |
| 6        | QUB03400 | BOLT                   | 2    |
| 7        | QUE02045 | NUT                    | 2    |
| 8        | QUR02005 | WASHER                 | 2    |
| 9        | 81011    | PROP                   | 2    |
| 10       | QUB08700 | BOLT                   | 2    |
| 11       | 69119    | PIN                    | 2    |
| 12       | QUE01100 | CABLE                  | 2    |
| 13       | 60782    | PIN                    | 2    |
| 14       | 60785    | LATCH                  | 2    |
| 15       | CIC01948 | SEAL - 100"            | 1    |
|          | CIC01945 | SEAL - 90"             | 1    |
| 16       | 80092    | CHANNEL, Seal - 60% TG | 1    |
|          | 90079    | CHANNEL, Seal - 50% TG | 1    |
|          | 80109    | CHANNEL, Seal - 40% TG | 1    |
| 17       | QUB03910 | BOLT                   | 2    |
| 18       | 69061    | RETAINER               | 2    |
| 19       | QUB04500 | BOLT                   | 4    |
| 20       | 69071    | PIN                    | 2    |
| 21       | 69932    | PIVOT                  | 4    |
| 22       | 91298    | PIVOT                  | 1    |
| 23       | QUB04803 | BOLT                   | 1    |
| 24       | 80119    | PIN                    | 1    |

**SECTION 1**

# TAILGATE LATCH - Split Tailgates

---



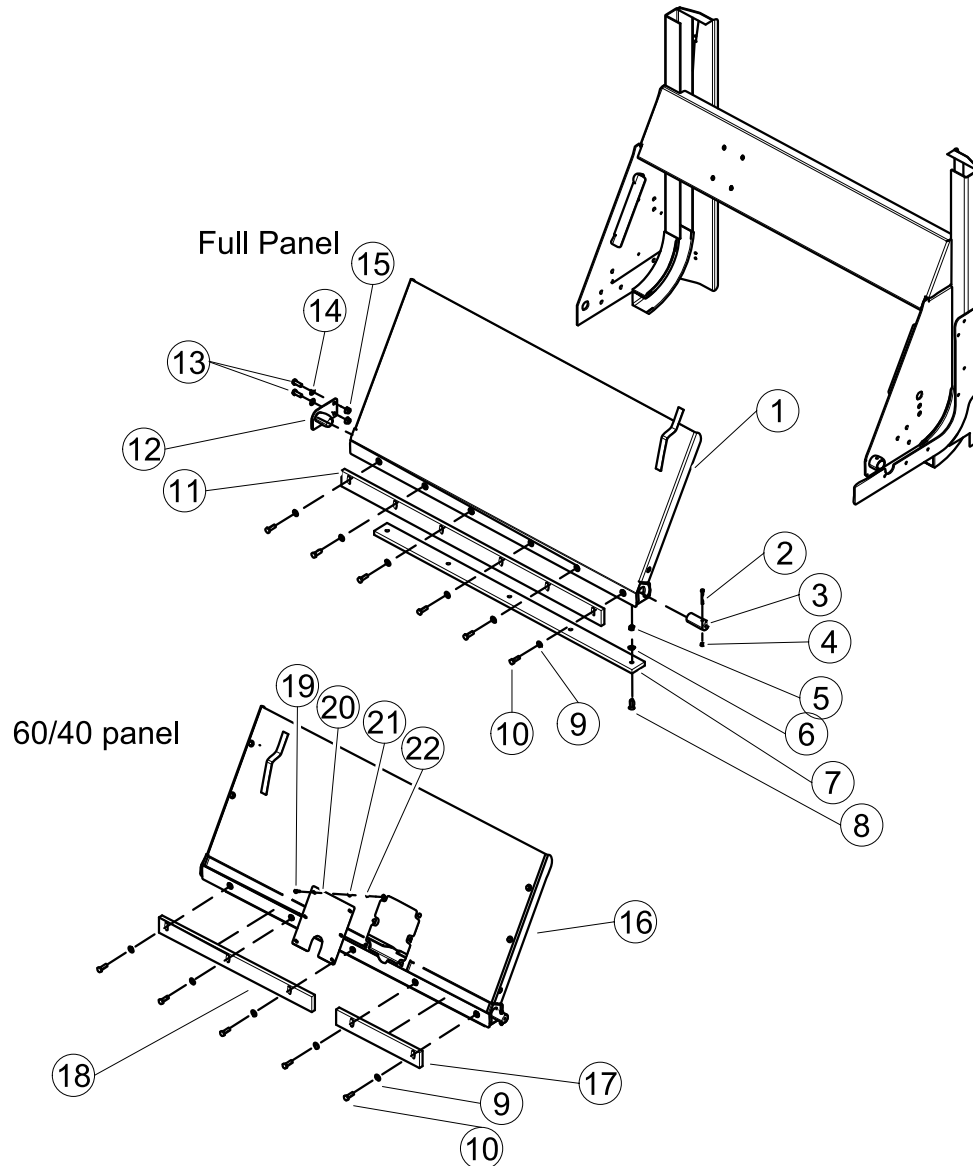
## TAILGATE LATCH - Split Tailgates

| REF. NO. | PART NO. | DESCRIPTION         | QTY. |
|----------|----------|---------------------|------|
| 1        | QUP02750 | PIN, Clevis         | 2    |
|          | QUP03300 | PIN, Cotter         | 2    |
| 2        | 78130    | LINK                | 2    |
| 3        | 69509    | LINK                | 2    |
| 4        | 90209    | ROD, 40% Side       | 1    |
|          | 90204    | ROD, 50% Side       | 2    |
|          | 90207    | ROD, 60% Side       | 1    |
| 5        | 69507    | SUPPORT, Pivot      | 4    |
|          | QUG00200 | ZERK, Grease        | 8    |
| 6        | 69511    | WELDMENT, Latch Pin | 2    |
| 7        | 60784    | LOCK                | 2    |
| 8        | 90203    | COVER, 40% Side     | 1    |
|          | 90208    | COVER, 50% Side     | 2    |
|          | 90191    | COVER, 60% Side     | 1    |
|          | QUB03335 | BOLT                | 8    |
|          | QUR01275 | WASHER              | 8    |
|          | QUR01900 | WASHER              | 8    |

## SECTION 1

# PANELS

---



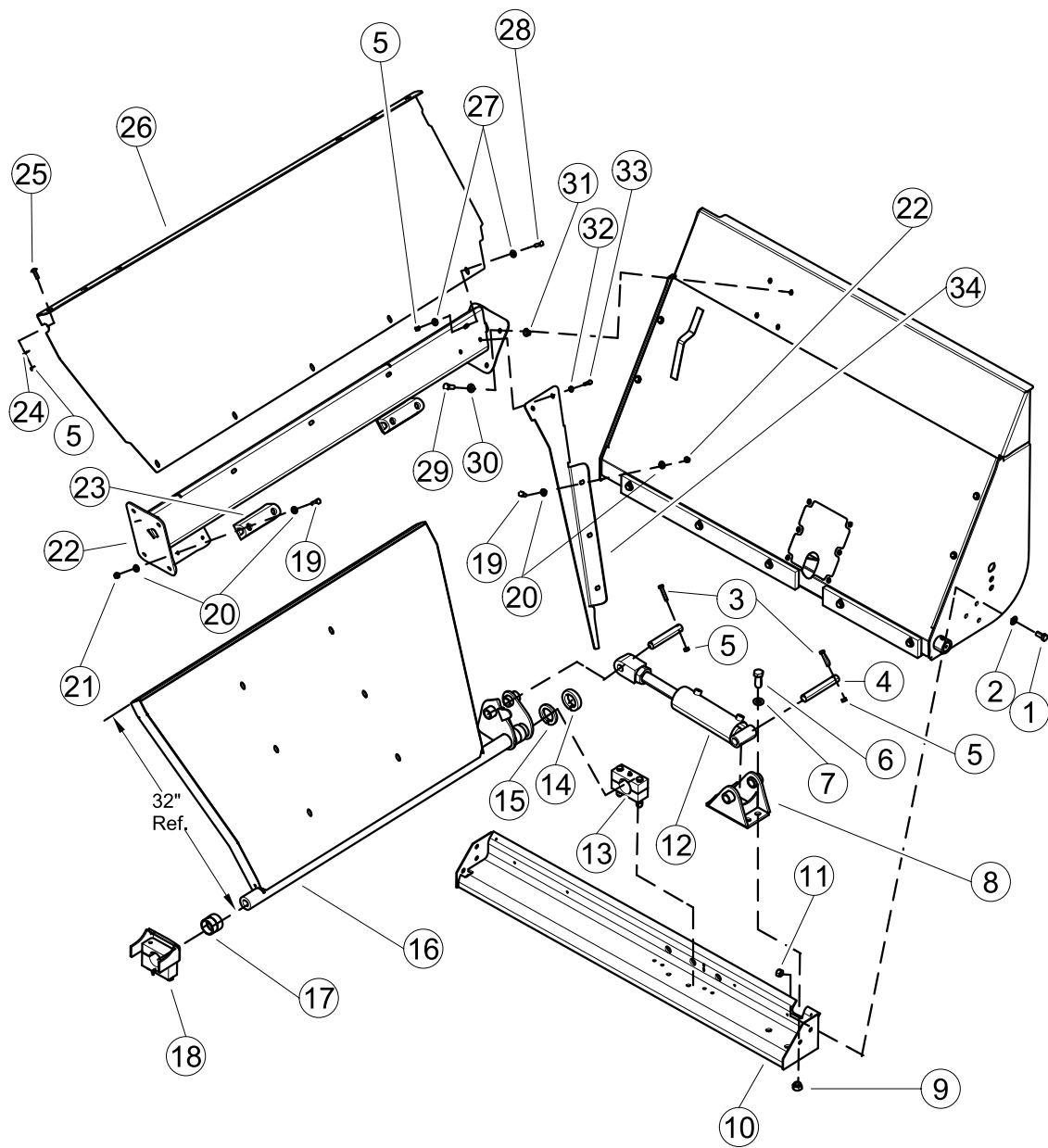
Item's 2,3,4,5,6,7,8,9,10,12,13,14 and 15 are Typical Between Panels.

**SECTION 1**  
**PANELS**

| REF. NO. | PART NO. | DESCRIPTION    | QTY. |
|----------|----------|----------------|------|
| 1        | 152398   | PANEL - Full   | 1    |
| 2        | QUB02400 | BOLT           | 1    |
| 3        | 25802    | PIN            | 1    |
| 4        | QUE01200 | NUT            | 1    |
| 5        | QUE01500 | NUT            | A/R  |
| 6        | QUR01905 | WASHER         | A/R  |
| 7        | 25762    | WIPER, Plastic | A/R  |
| 8        | QUV07000 | BOLT           | A/R  |
| 9        | QUR02500 | WASHER         | A/R  |
| 10       | QUB04502 | BOLT           | A/R  |
| 11       | 75108    | WIPER, Plastic | 1    |
| 12       | 17649    | PIVOT          | 1    |
| 13       | QUB04411 | BOLT           | 2    |
| 14       | QUR01910 | WASHER         | 2    |
| 15       | QUE02350 | NUT            | 2    |
| 16       | 152137   | PANEL - 60/40  | 1    |
| 17       | 51502    | WIPER, Plastic | 1    |
| 18       | 51503    | WIPER, Plastic | 1    |
| 19       | QUB11870 | BOLT           | 6    |
| 20       | 38509    | COVER          | 1    |
| 21       | QUR01700 | WASHER         | 6    |
| 22       | QUE01100 | NUT            | 6    |

**SECTION 1**

**CHUTE COMPONENTS - 60/40 Split**



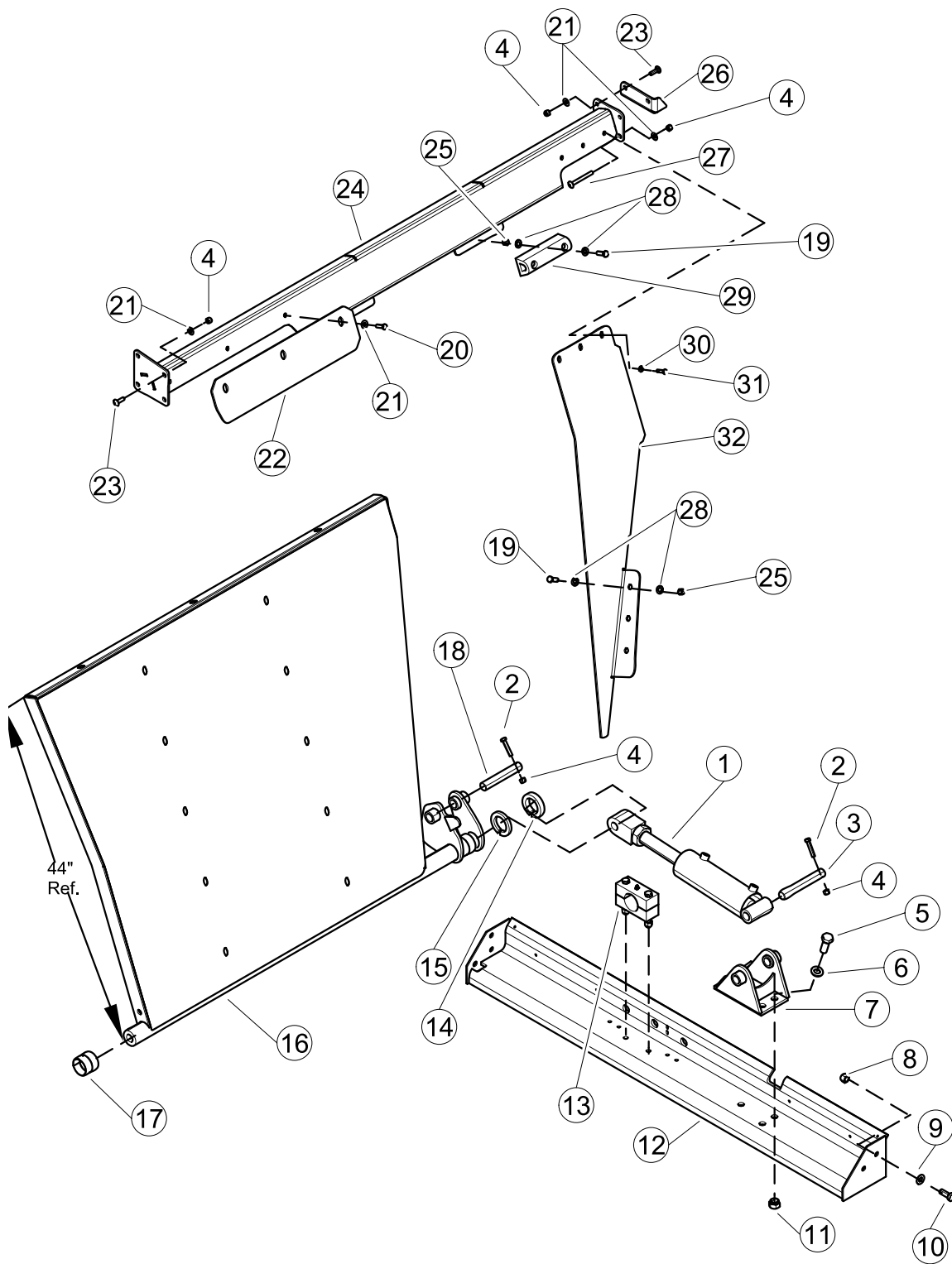


## CHUTE COMPONENTS - 60/40 Split

| REF. NO. | PART NO. | DESCRIPTION                                 | QTY. |
|----------|----------|---------------------------------------------|------|
| 1        | QUB04806 | BOLT                                        | 4    |
| 2        | QUR01950 | WASHER                                      | 4    |
| 3        | QUB03800 | BOLT                                        | 2    |
| 4        | 46774    | PIN                                         | 1    |
| 5        | QUE01300 | NUT                                         | 13   |
| 6        | QUB06345 | BOLT                                        | 3    |
| 7        | QUR02880 | WASHER                                      | 3    |
| 8        | 51595    | MOUNT, Cylinder                             | 1    |
| 9        | QUE02425 | NUT                                         | 3    |
| 10       | 46785    | CHANNEL, Cylinder Mount (Includes Item #13) | 1    |
| 11       | QUE01555 | NUT                                         | 4    |
| 12       | HYC00349 | CYLINDER                                    | 1    |
| 13       | 43033    | PIVOT CLAMP, Chute                          | 1    |
| 14       | 51539    | SPACER - Thick                              | 1    |
| 15       | 51540    | SPACER - Thin                               | 1    |
| 16       | 79582    | ASSEMBLY, Chute (Includes Item #17)         | 1    |
| 17       | 51720    | BEARING                                     | 1    |
| 18       | 152135   | PIVOT, Chute - Forward                      | 1    |
| 19       | QUB06225 | BOLT                                        | 11   |
| 20       | QUR01850 | WASHER                                      | 22   |
| 21       | QUE01450 | NUT                                         | 11   |
| 22       | 152128   | CHANNEL, Deflector                          | 1    |
| 23       | 43122    | BUMPER, Rubber                              | 4    |
| 24       | QUR01588 | WASHER                                      | 6    |
| 25       | QUB11940 | BOLT                                        | 6    |
| 26       | 152157   | DEFLECTOR                                   | 1    |
| 27       | QUR01900 | WASHER                                      | 10   |
| 28       | QUB03500 | BOLT                                        | 10   |
| 29       | QUB04450 | BOLT                                        | 8    |
| 30       | QUR01910 | WASHER                                      | 8    |
| 31       | QUE02350 | NUT                                         | 8    |
| 32       | QUR01800 | BOLT                                        | 2    |
| 33       | QUB02900 | BOLT                                        | 2    |
| 34       | 152133   | SHIELD                                      | 1    |

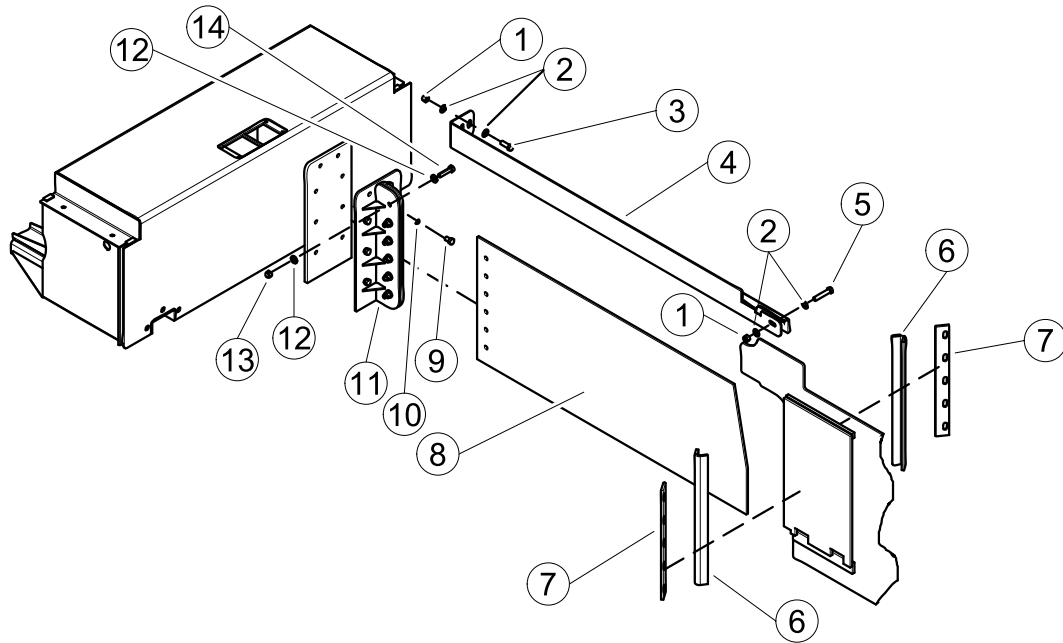
**SECTION 1**

**CHUTE COMPONENTS - 40/60 Split**



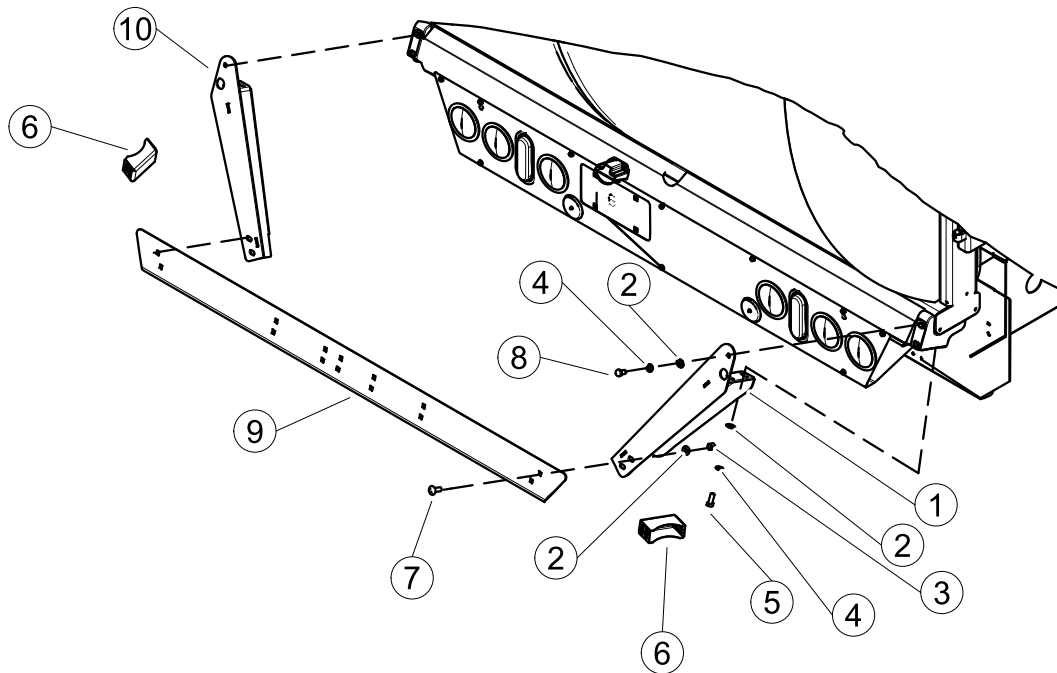
## CHUTE COMPONENTS - 40/60 Split

| REF. NO. | PART NO. | DESCRIPTION                                 | QTY. |
|----------|----------|---------------------------------------------|------|
| 1        | HYC00349 | CYLINDER                                    | 1    |
| 2        | QUB03800 | BOLT                                        | 2    |
| 3        | 46774    | PIN                                         | 1    |
| 4        | QUE01300 | NUT                                         | 10   |
| 5        | QUB06345 | BOLT                                        | 3    |
| 6        | QUR02880 | WASHER                                      | 3    |
| 7        | 51595    | MOUNT, Cylinder                             | 1    |
| 8        | QUE01555 | NUT                                         | 4    |
| 9        | QUR01950 | WASHER                                      | 4    |
| 10       | QUB04810 | BOLT                                        | 4    |
| 11       | QUE02425 | NUT                                         | 3    |
| 12       | 51689    | CHANNEL, Cylinder Mount (Includes Item #13) | 1    |
| 13       | 43033    | PIVOT CLAMP, Chute                          | 1    |
| 14       | 51539    | SPACER - Thick                              | 1    |
| 15       | 51540    | SPACER - Thin                               | 1    |
| 16       | 77686    | ASSEMBLY, Chute (Includes Item #17)         | 1    |
| 17       | 51720    | BEARING                                     | 1    |
| 18       | 51538    | PIN                                         | 1    |
| 19       | QUB06225 | BOLT                                        | 11   |
| 20       | QUB03500 | BOLT                                        | 3    |
| 21       | QUR01900 | WASHER                                      | 15   |
| 22       | 152104   | COVER                                       | 1    |
| 23       | QUB11940 | BOLT                                        | 6    |
| 24       | 152075   | CHANNEL                                     | 1    |
| 25       | QUE01450 | NUT                                         | 11   |
| 26       | 152412   | BRACKET                                     | 1    |
| 27       | QUB11980 | BOLT                                        | 2    |
| 28       | QUR01850 | WASHER                                      | 22   |
| 29       | 43122    | BUMPER, Rubber                              | 4    |
| 30       | QUR01800 | WASHER                                      | 3    |
| 31       | QUB02900 | BOLT                                        | 3    |
| 32       | 152103   | SHIELD                                      | 1    |

**SECTION 1****PARTITION BLADE INSTALLATION**

| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | QUE01450 | NUT               | 3    |
| 2        | QUR01850 | WASHER            | 6    |
| 3        | QUB04210 | BOLT              | 2    |
| 4        | 152138   | GUARD             | 1    |
| 5        | QUB04250 | BOLT              | 1    |
| 6        | 97619    | ANGLE, Scraper    | 2    |
| 7        | 97621    | SCRAPER           | 2    |
| 8        | 33725    | BLADE             | 1    |
| 9        | QUB05005 | BOLT              | 8    |
| 10       | QUR01400 | WASHER            | 8    |
| 11       | 33726    | ATTACHMENT, Blade | 1    |
| 12       | QUR02130 | WASHER            | 12   |
| 13       | QUE00880 | NUT               | 6    |
| 14       | QUB05325 | BOLT              | 6    |

## ICC BUMPER - Full Width



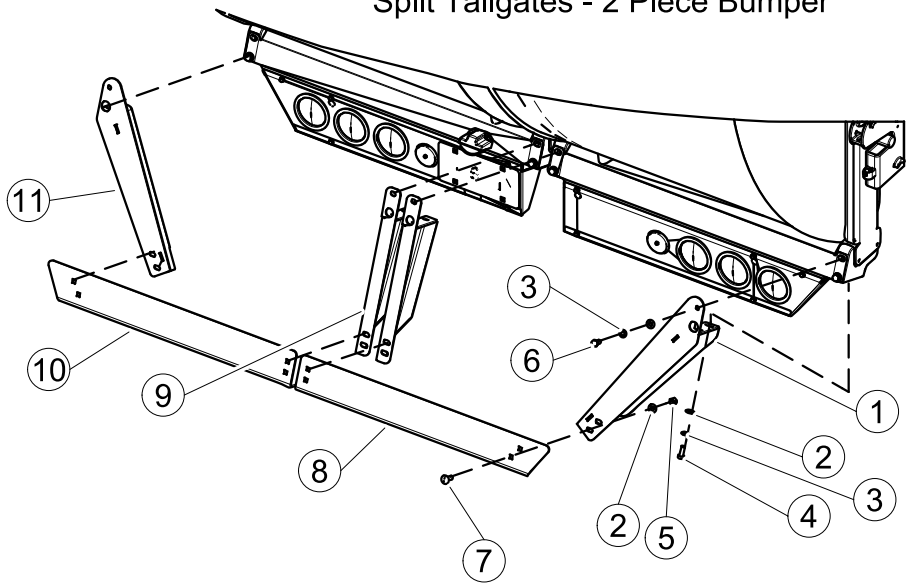
| REF. NO. | PART NO. | DESCRIPTION                 | QTY. |
|----------|----------|-----------------------------|------|
| 1        | 120288   | SUPPORT, Bumper - Curb Side | 1    |
| 2        | QUR01905 | WASHER                      | 12   |
| 3        | QUE01500 | NUT                         | 4    |
| 4        | QUR01300 | WASHER                      | 8    |
| 5        | QUB04550 | BOLT                        | 4    |
| 6        | 81881    | EXTENSION (6 Yard Only)     | 2    |
| 7        | QUB01250 | BOLT                        | 4    |
| 8        | QUB04400 | BOLT                        | 4    |
| 9        | 81880    | BUMPER                      | 1    |
| 10       | 120291   | SUPPORT, Bumper - Curb Side | 1    |

**SECTION 1**

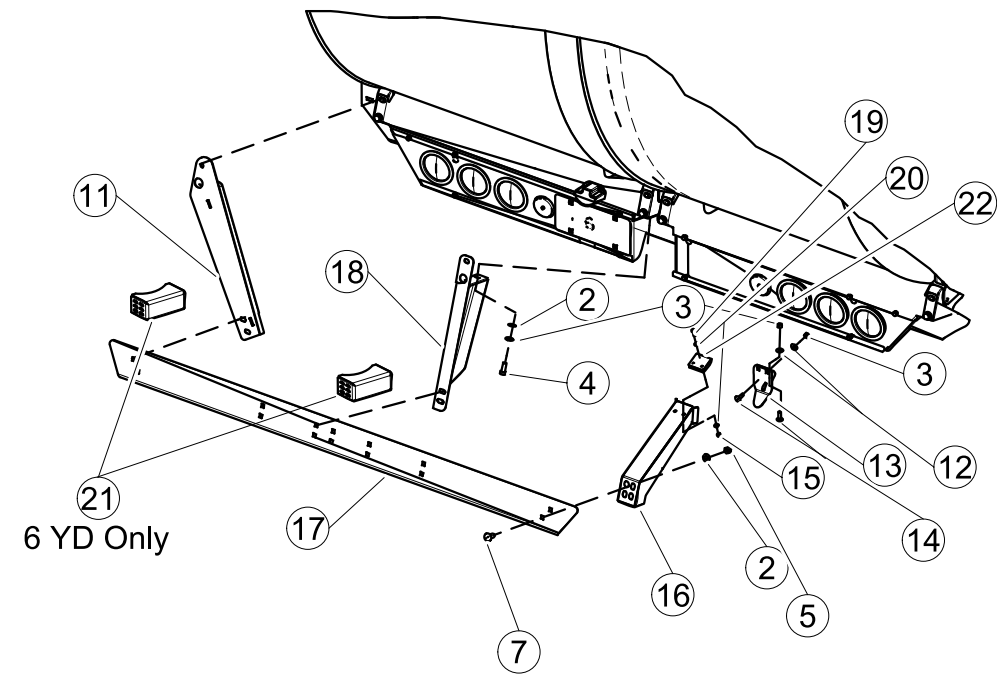
**ICC BUMPER - Split Bumper**

---

Split Tailgates - 2 Piece Bumper



Split Tailgates - 1 Piece Bumper

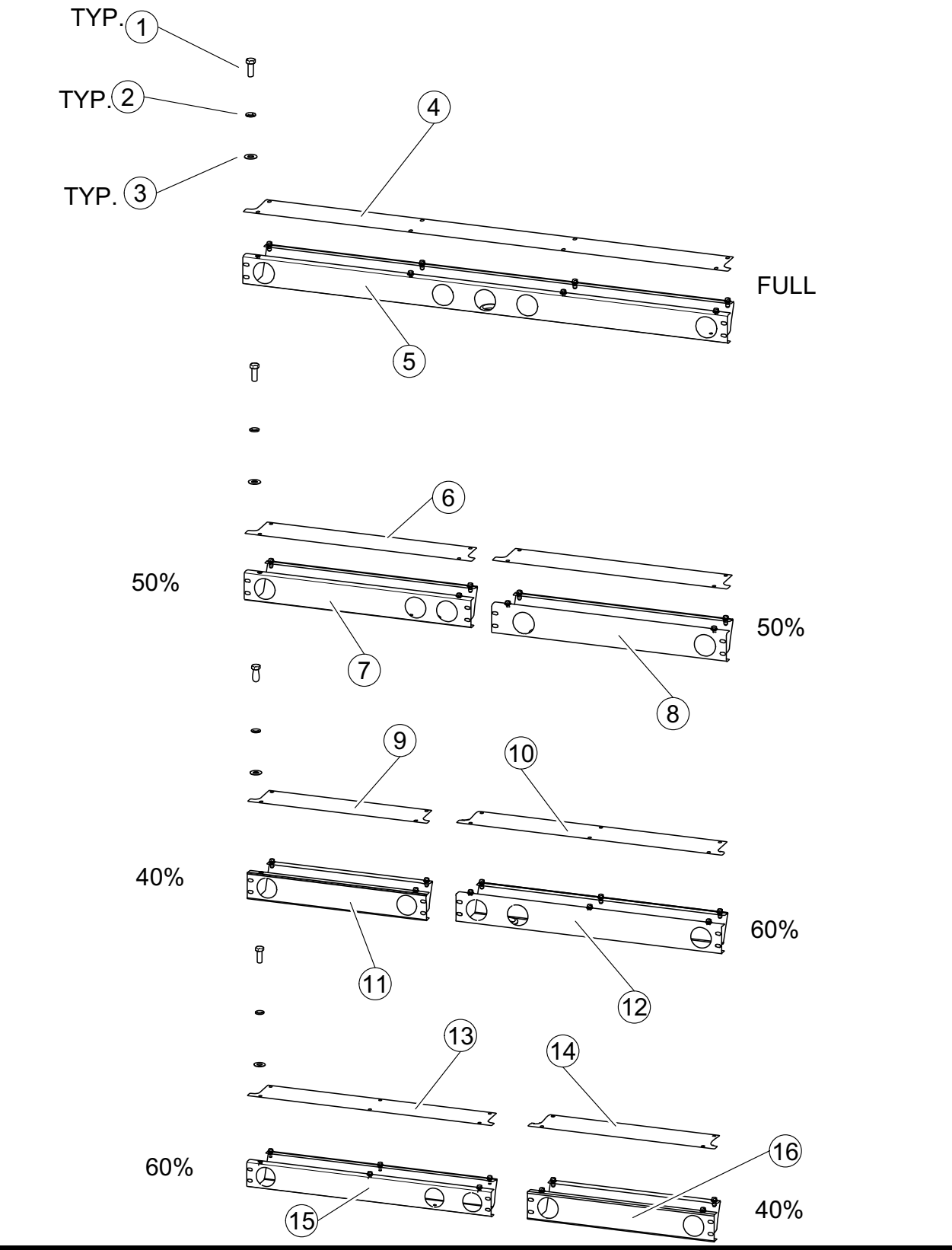


## ICC BUMPER - Split Bumper

| REF. NO. | PART NO. | DESCRIPTION                      | QTY. |
|----------|----------|----------------------------------|------|
| 1        | 120288   | SUPPORT, Curb Side               | 1    |
| 2        | QUR01905 | WASHER, Flat                     | A/R  |
| 3        | QUE01300 | WASHER, Lock                     | A/R  |
| 4        | QUB04550 | BOLT                             | A/R  |
| 5        | QUE01500 | NUT                              | A/R  |
| 6        | QUB04400 | BOLT                             | A/R  |
| 7        | QUB12050 | BOLT, Carriage                   | A/R  |
| 8        | 82063    | BUMPER, Curbside - 50/50 Split   | 1    |
|          | 82065    | BUMPER, Curbside - 40/60 Split   | 1    |
|          | 82067    | BUMPER, Curbside - 60/40 Split   | 1    |
| 9        | 82030    | SUPPORT, Center                  | 2    |
| 10       | 82062    | BUMPER, Streetside - 50/50 Split | 1    |
|          | 82064    | BUMPER, Streetside - 40/60 Split | 1    |
|          | 82066    | BUMPER, Streetside - 60/40 Split | 1    |
| 11       | 120291   | SUPPORT, Street Side             | 1    |
| 12       | QUR01901 | WASHER                           | A/R  |
| 13       | 82026    | BRACKET, Body                    | 1    |
| 14       | QUB11940 | BOLT, Carriage                   | A/R  |
| 15       | QUE01100 | NUT                              | A/R  |
| 16       | 82031    | SUPPORT                          | 1    |
|          | 82027    | SUPPORT (6 Yard Only)            | 1    |
| 17       | 81880    | BUMPER, Full                     | 1    |
| 18       | 82030    | SUPPORT, Center                  | 1    |
| 19       | QUB02100 | BOLT                             | 2    |
| 20       | QUR01700 | WASHER                           | 4    |
| 21       | 81881    | EXTENSION (6 Yard Only)          | 2    |
| 22       | 82163    | GUARD, Plastic                   | 1    |

**SECTION 1**

**UPPER LIGHT PANELS - 0, 2 & 4 Yard**



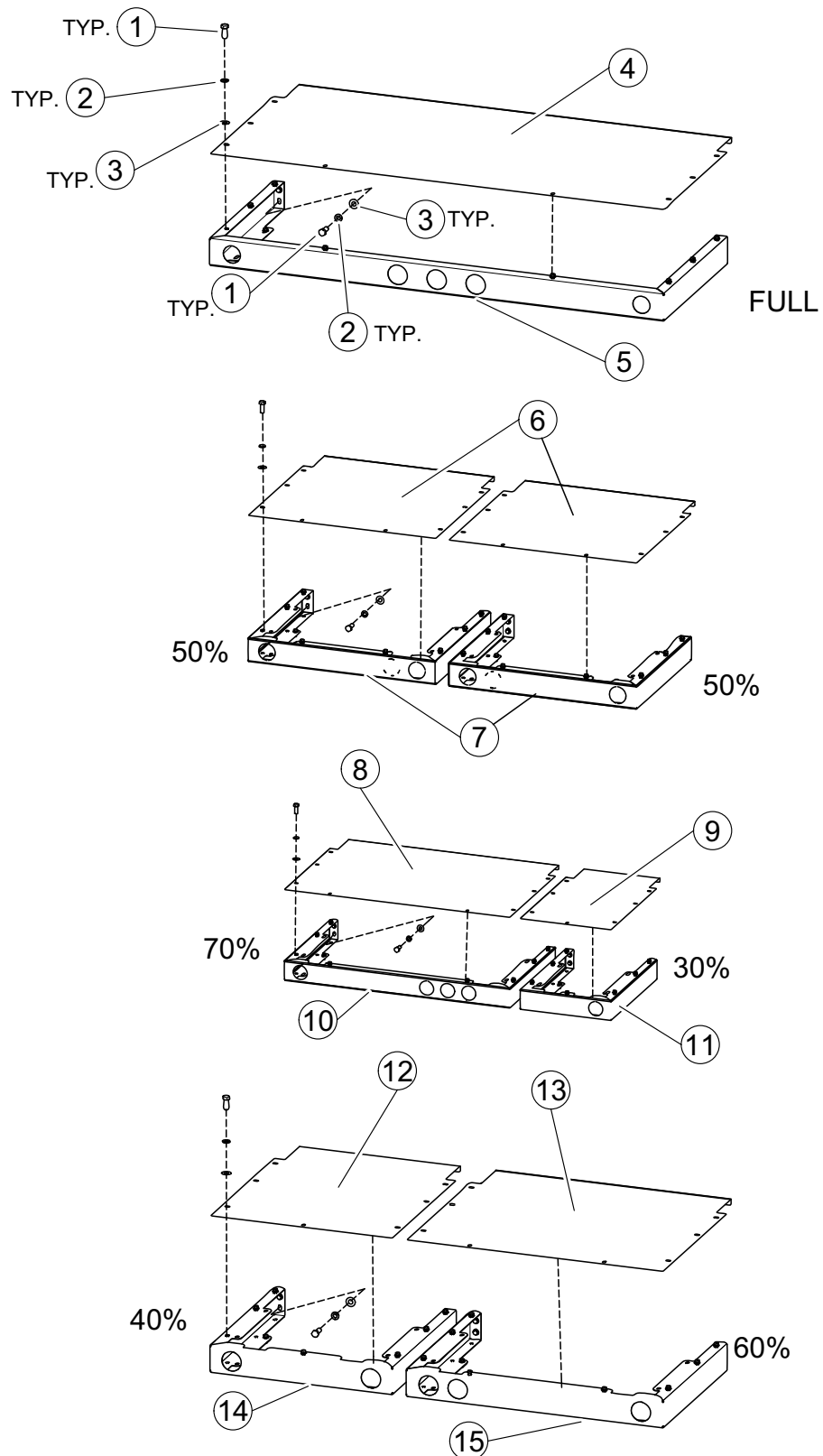


## UPPER LIGHT PANELS - 0, 2 &amp; 4 Yard

| REF. NO. | PART NO. | DESCRIPTION                                    | QTY. |
|----------|----------|------------------------------------------------|------|
| 1        | QUB03399 | BOLT                                           | A/R  |
| 2        | QUR01274 | WASHER                                         | A/R  |
| 3        | QUR01586 | WASHER                                         | A/R  |
| 4        | 155006   | COVER - Full                                   | 1    |
|          | 163874   | COVER - Full - Multiplex Units Only            | 1    |
| 5        | 155005   | PANEL - Full                                   | 1    |
|          | 163873   | PANEL - Full - Multiplex Units Only            | 1    |
| 6        | 155049   | COVER - 50% Street & Curb Side                 | 2    |
| 7        | 155056   | PANEL - 50% Street Side                        | 1    |
| 8        | 155050   | PANEL - 50% Curb Side                          | 1    |
| 9        | 155045   | COVER - 40% Street Side                        | 1    |
|          | 163877   | COVER - 40% Street Side - Multiplex Units Only | 1    |
| 10       | 155047   | PANEL - 60% Curb Side                          | 1    |
| 11       | 155046   | PANEL - 40% Street Side                        | 1    |
|          | 163876   | PANEL - 40% Street Side - Multiplex Units Only | 1    |
| 12       | 155048   | PANEL - 60% Curb Side                          | 1    |
| 13       | 155047   | COVER - 60% Street Side                        | 1    |
|          | 163880   | COVER - 60% Street Side - Multiplex Units Only | 1    |
| 14       | 155045   | COVER - 40% Curb Side                          | 1    |
| 15       | 155059   | PANEL - 60% Street Side                        | 1    |
|          | 163879   | PANEL - 60% Street Side - Multiplex Units Only | 1    |
| 16       | 155060   | PANEL - 40% Curb Side                          | 1    |

**SECTION 1**

**UPPER LIGHT PANELS - 6 Yard**

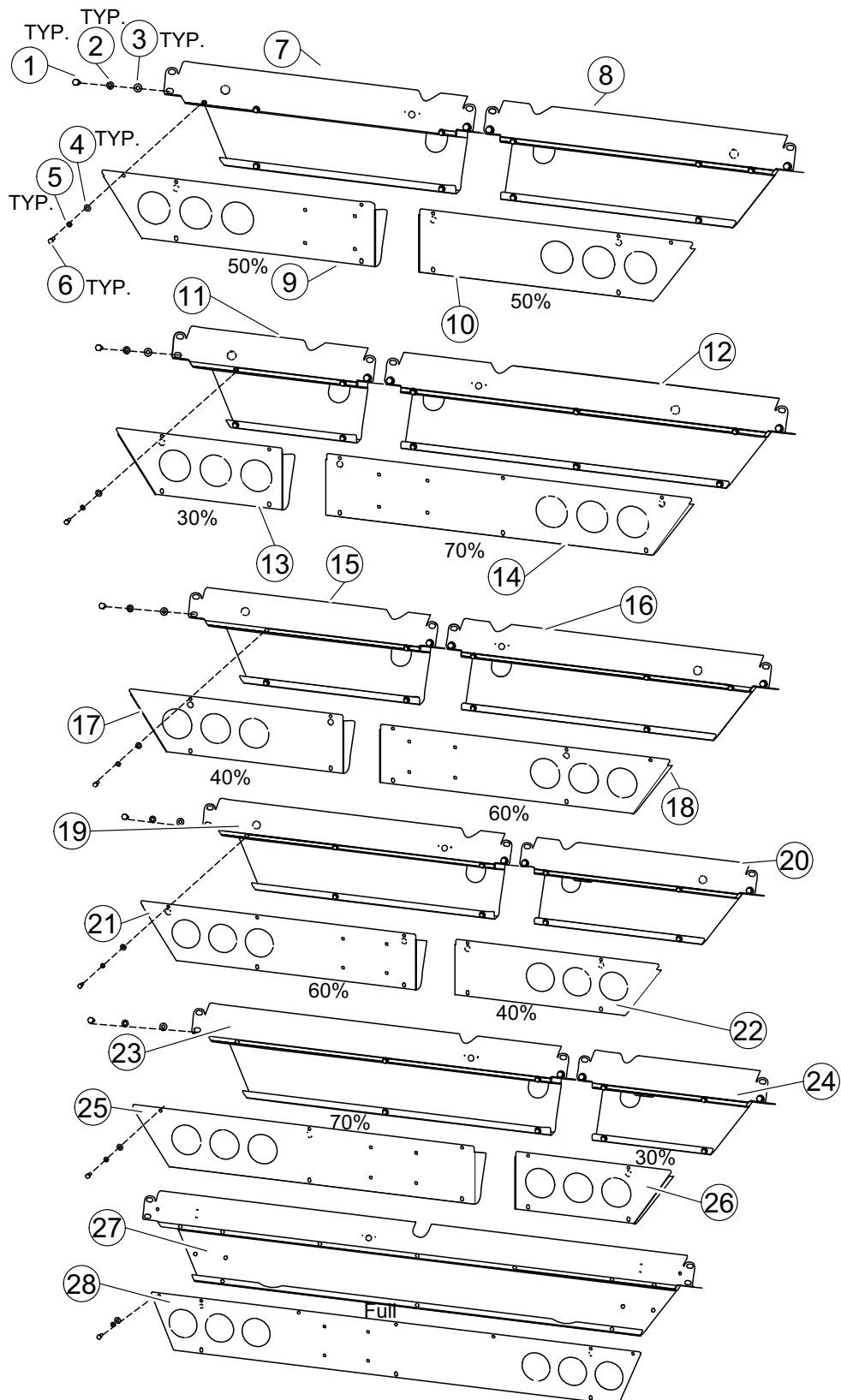


## UPPER LIGHT PANELS - 6 Yard

| REF. NO. | PART NO. | DESCRIPTION                               | QTY. |
|----------|----------|-------------------------------------------|------|
| 1        | QUB03399 | BOLT                                      | A/R  |
| 2        | QUR01274 | WASHER                                    | A/R  |
| 3        | QUR01586 | WASHER                                    | A/R  |
| 4        | 161443   | COVER - Full                              | 1    |
| 5        | 161442   | PANEL - Full                              | 1    |
| 6        | 156715   | COVER - 50%                               | A/R  |
| 7        | 156716   | PANEL - 50%                               | A/R  |
| 8        | 88400    | COVER - 70% Street Side                   | 1    |
| 9        | 88399    | COVER - 30% Curb Side                     | 1    |
| 10       | 88398    | PANEL - 70% Street Side                   | 1    |
| 11       | 88397    | PANEL - 30% Curb Side                     | 1    |
| 12       | 156729   | COVER - 40% Street Side                   | 1    |
| 13       | 156731   | COVER - 60% Curb Side                     | 1    |
| 14       | 156728   | PANEL - 40% Street Side                   | 1    |
|          | 163555   | PANEL - 40% Street Side - With Sensor Mtg | 1    |
| 15       | 156730   | PANEL - 60% Curb Side                     | 1    |
|          | 163556   | PANEL - 60% Curb Side - With Sensor Mtg   | 1    |

**SECTION 1**

**LOWER TG LIGHT PANELS**



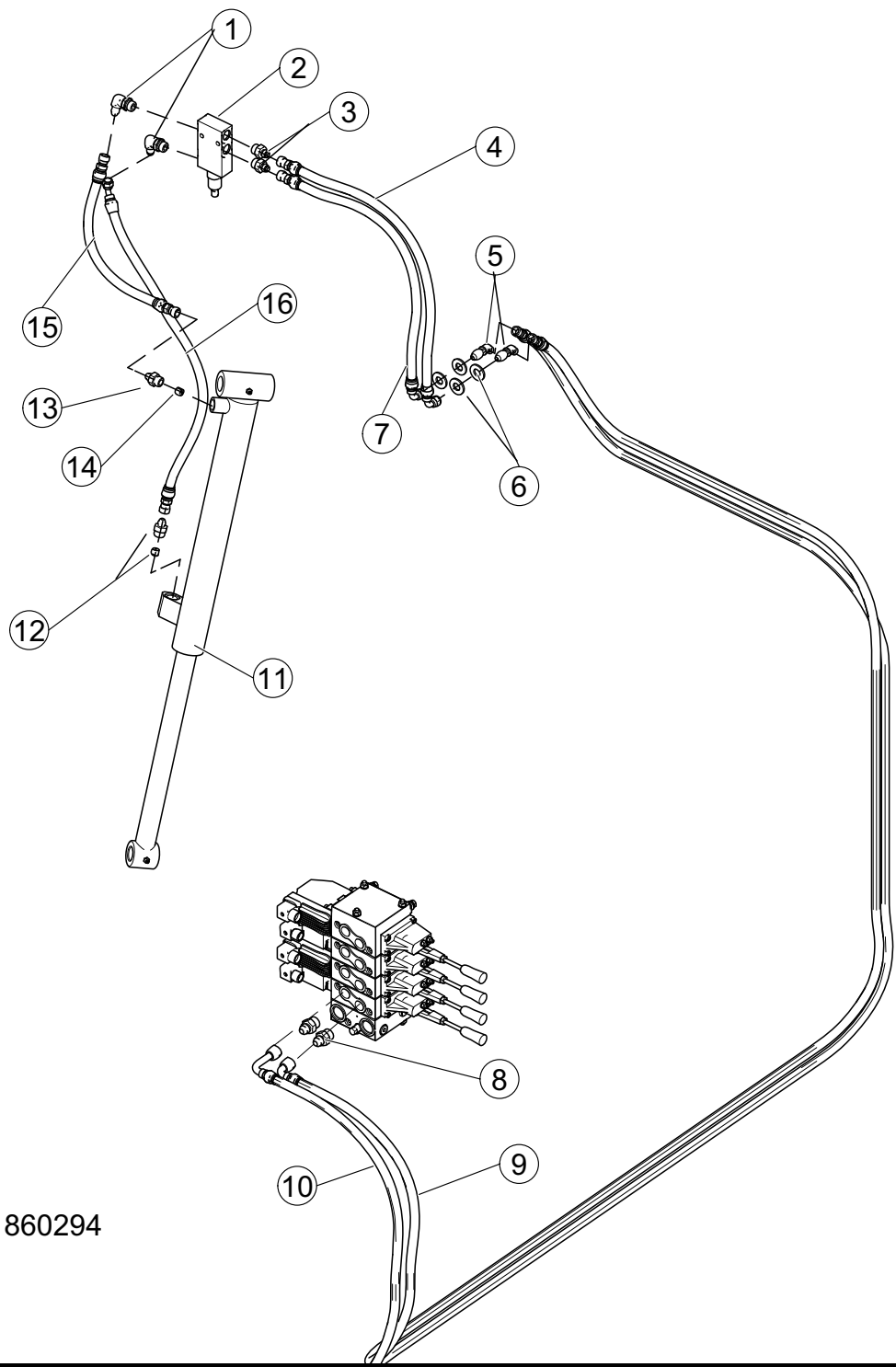
# LOWER TG LIGHT PANELS

| REF. NO. | PART NO. | DESCRIPTION                       | QTY. |
|----------|----------|-----------------------------------|------|
| 1        | QUB03399 | BOLT                              | A/R  |
| 2        | QUR01274 | WASHER                            | A/R  |
| 3        | QUR01586 | WASHER                            | A/R  |
| 4        | QUR01912 | WASHER                            | A/R  |
| 5        | QUR01300 | WASHER                            | A/R  |
| 6        | QUB04405 | BOLT                              | A/R  |
| 7        | 155072   | BRACKET - 50% Street Side         | 1    |
| 8        | 155077   | BRACKET - 50% Curb Side           | 1    |
| 9        | 155083   | PANEL - 50% Street Side           | 1    |
| 10       | 155101   | PANEL - 50% Curb Side             | 1    |
| 11       | 155067   | BRACKET - 30% Street Side         | 1    |
| 12       | 155079   | BRACKET - 70% Curb Side           | 1    |
| 13       | 155068   | PANEL - 30% Street Side           | 1    |
| 14       | 155105   | PANEL - 70% Curb Side             | 1    |
| 15       | 155071   | BRACKET - 40% Street Side         | 1    |
| 16       | 155078   | BRACKET - 60% Curb Side           | 1    |
| 17       | 155082   | PANEL - 40% Street Side - 3 Light | 1    |
|          | 155081   | PANEL - 40% Street Side - 4 Light | 1    |
| 18       | 155104   | PANEL - 60% Curb Side - 3 Light   | 1    |
|          | 155103   | PANEL - 60% Curb Side - 4 Light   | 1    |
| 19       | 155073   | BRACKET - 60% Street Side         | 1    |
| 20       | 155076   | BRACKET - 40% Curb Side           | 1    |
| 21       | 155084   | PANEL - 60% Street Side           | 1    |
| 22       | 155100   | PANEL - 40% Curb Side             | 1    |
| 23       | 155074   | BRACKET - 70% Street Side         | 1    |
| 24       | 155075   | BRACKET - 30% Curb Side           | 1    |
| 25       | 155085   | PANEL - 70% Street Side           | 1    |
| 26       | 155099   | PANEL - 30% Curb Side             | 1    |
| 27       | 155010   | BRACKET - 100%                    | 1    |
| 28       | 155009   | PANEL - 100%                      | 1    |

**SECTION 2**

**CRUSHER HYDRAULICS - Full Panel used with Helping Hand Arm Units**

---



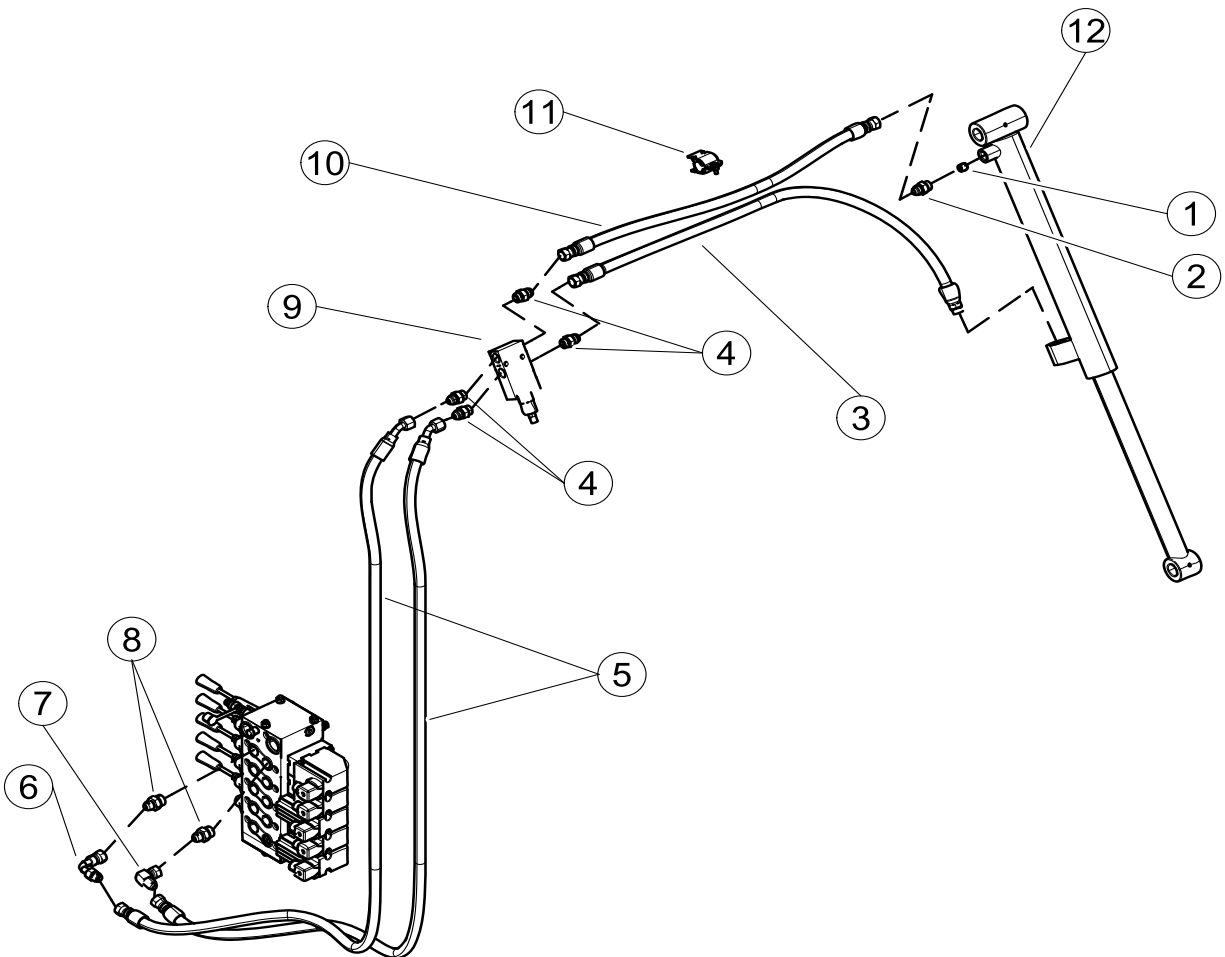
Ref. 860294

# CRUSHER HYDRAULICS - Full Panel used with Helping Hand Arm Units

| REF. NO. | PART NO.    | DESCRIPTION                                 | QTY. |
|----------|-------------|---------------------------------------------|------|
| 1        | HYF05128    | ELBOW                                       | 2    |
| 2        | HYV02670    | VALVE, Holding                              | 1    |
| 3        | HYF04875    | ADAPTER                                     | 2    |
| 4        | 175974      | HOSE                                        | 1    |
| 5        | HYF02780    | ELBOW - 45°, Bulkhead                       | 2    |
| 6        | QUR01975    | WASHER                                      | 4    |
| 7        | 178837      | HOSE                                        | 1    |
| 8        | HYF04900    | ELBOW                                       | 2    |
| 9        | 183746      | HOSE                                        | 1    |
| 10       | 173745      | HOSE                                        | 1    |
| 11       | HYC00198-02 | CYLINDER                                    | 1    |
| 12       | 173554      | ASSY., Adapter - (Includes Items 13 and 14) | 2    |
| 13       | 173545      | ADAPTER, Threaded                           | 2    |
| 14       | 69979       | PLUG, Orificed                              | 2    |
| 15       | 175839      | HOSE                                        | 1    |
| 16       | 175838      | HOSE                                        | 1    |

## CRUSHER HYDRAULICS - Full Panel

---



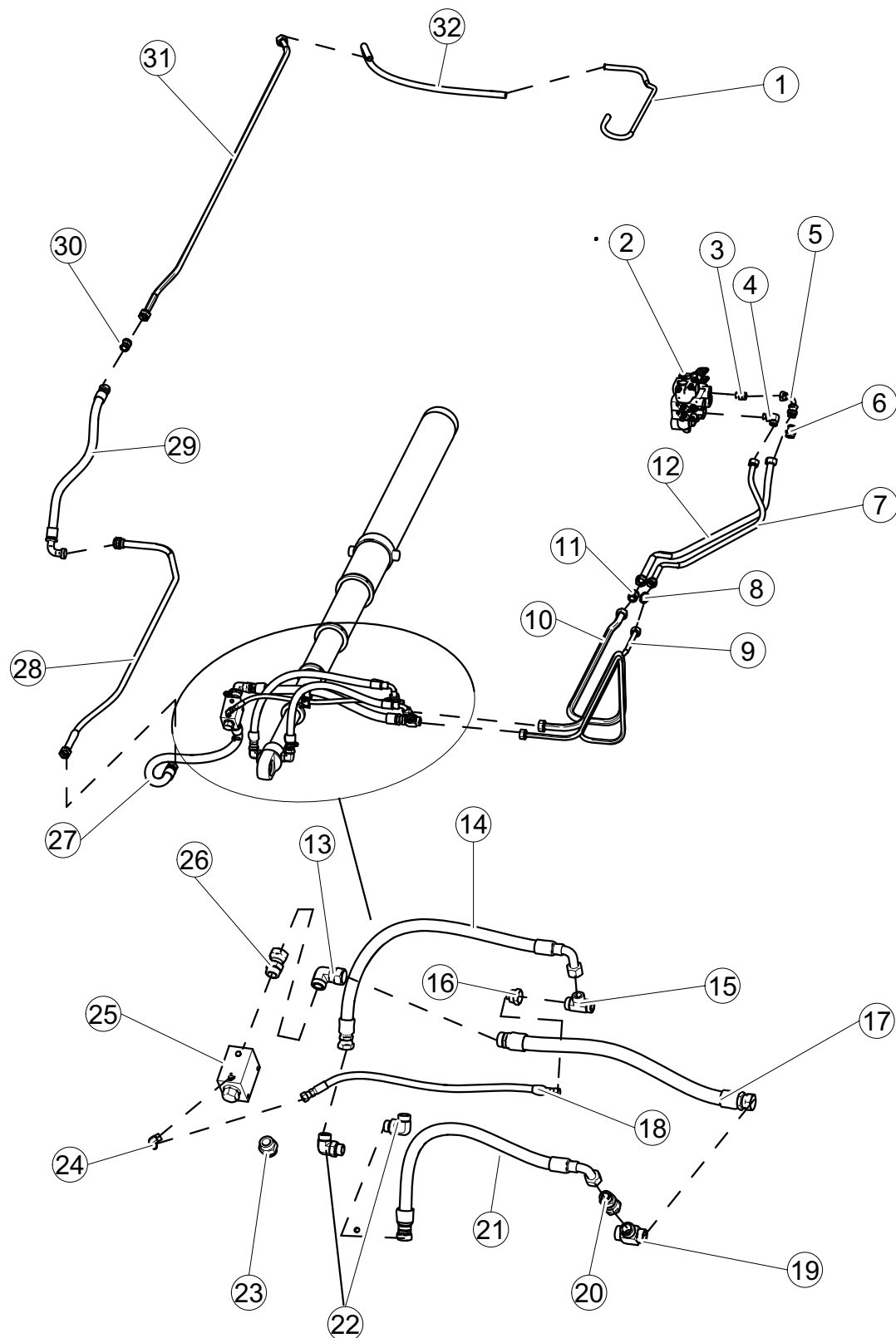


**CRUSHER HYDRAULICS - Full Panel**

| REF. NO. | PART NO.    | DESCRIPTION              | QTY. |
|----------|-------------|--------------------------|------|
| 1        | 66979       | PLUG,Orificed            | 1    |
| 2        | 69978       | ADAPTER, Threaded - JIC  | 1    |
|          | 162219      | ADAPTER, Threaded - ORFS | 1    |
| 3        | 63526       | HOSE - JIC               | 1    |
|          | 87953       | HOSE - ORFS              | 1    |
| 4        | HYF05110    | ADAPTER - JIC            | 4    |
|          | HYF05171    | ADAPTER - ORFS           | 4    |
| 5        | 155071      | HOSE - JIC               | 2    |
|          | 88434       | HOSE - ORFS              | 2    |
| 6        | HYF08050    | ELBOW - Long - JIC       | 1    |
|          | HYF05124    | ELBOW - Long - ORFS      | 1    |
| 7        | HYF08000    | ELBOW - JIC              | 1    |
|          | HYF07451    | ELBOW - ORFS             | 1    |
| 8        | HYF04900    | ADAPTER - JIC            | 2    |
|          | HYF04902    | ADAPTER - ORFS           | 1    |
| 9        | HYV02670    | VALVE, Holding           | 1    |
| 10       | 24204       | HOSE - JIC               | 1    |
|          | 154661      | HOSE - ORFS              | 1    |
| 11       | HYS00460    | CLAMP, Hose              | 2    |
| 12       | HYC00198-02 | CYLINDER                 | 1    |

**SECTION 2**

**PACKER HYDRAULICS - FULL EJECT - Units before AU14116NIA**

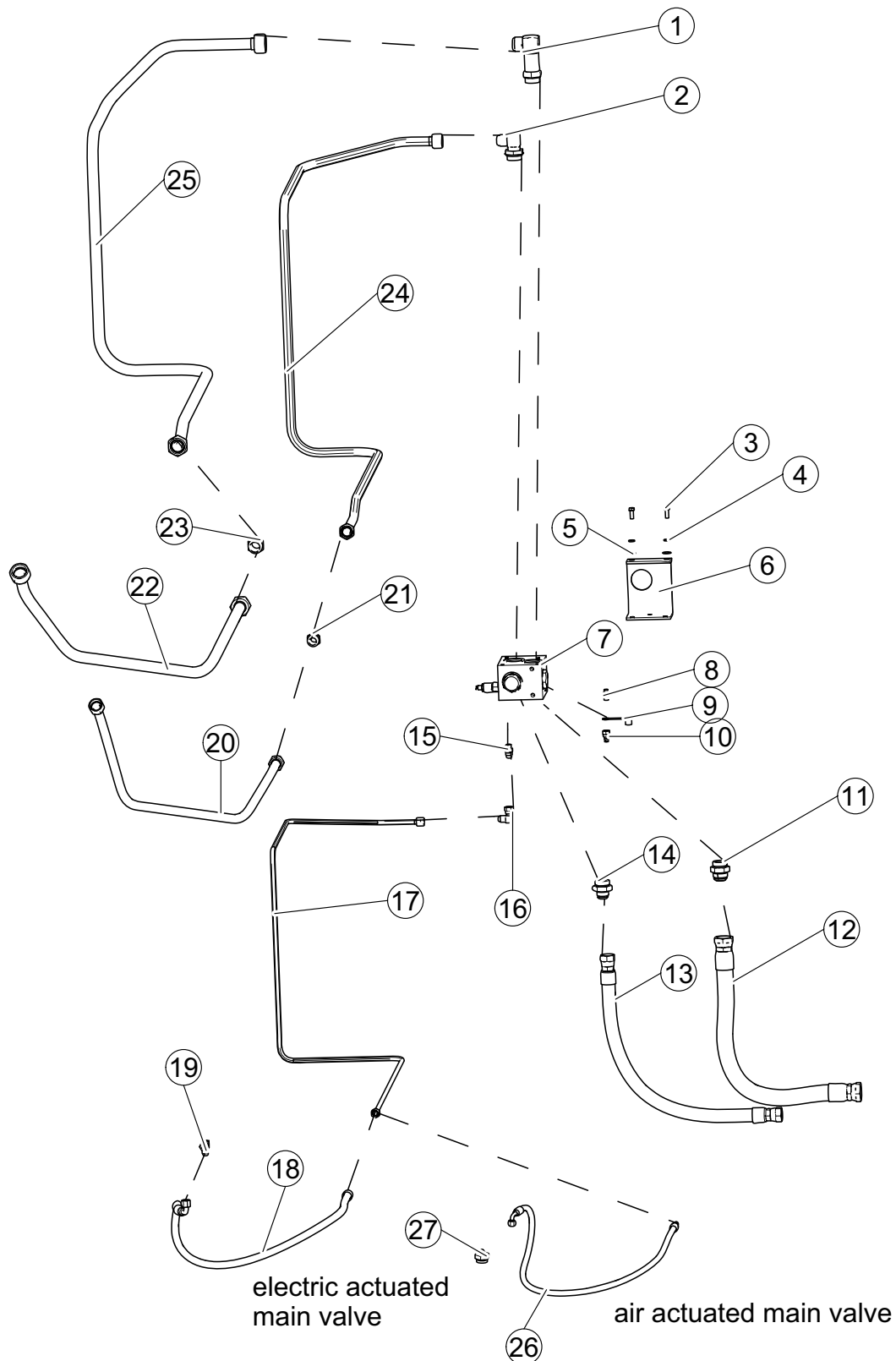


## PACKER HYDRAULICS - FULL EJECT

| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | 162186   | TUBE        | 1    |
| 2        | HYV05169 | VALVE       | 1    |
| 3        | HYF09495 | ADAPTER     | 1    |
| 4        | HYF07605 | ELBOW       | 1    |
| 5        | HYF07611 | ELBOW       | 1    |
| 6        | HYF02175 | ADAPTER     | 1    |
| 7        | 162074   | TUBE        | 1    |
| 8        | HYF04990 | CONNECTER   | 1    |
| 9        | 162072   | TUBE        | 1    |
| 10       | 162071   | TUBE        | 1    |
| 11       | HYF05104 | CONNECTER   | 3    |
| 12       | 163887   | TUBE        | 1    |
| 13       | HYF07815 | ELBOW       | 1    |
| 14       | 154664   | HOSE        | 1    |
| 15       | HYF05608 | TEE         | 1    |
| 16       | HYF04992 | CONNECTER   | 1    |
| 17       | 154662   | HOSE        | 1    |
| 18       | 154661   | HOSE        | 1    |
| 19       | HYF06295 | TEE         | 1    |
| 20       | HYF02130 | ADAPTER     | 1    |
| 21       | 154663   | HOSE        | 1    |
| 22       | HYF07605 | ELBOW       | 2    |
| 23       | HYF02146 | CONNECTER   | 1    |
| 24       | HYF05131 | FITTING     | 1    |
| 25       | HYV07512 | VALVE       | 1    |
| 26       | HYF02148 | CONNECTER   | 1    |
| 27       | 154660   | HOSE        | 1    |
| 28       | 162081   | TUBE        | 1    |
| 29       | 154659   | HOSE        | 1    |
| 30       | HYF05104 | CONNECTER   | 1    |
| 31       | 162082   | TUBE        | 1    |
| 32       | 154732   | HOSE        | 1    |

**SECTION 2**

**PACKER HYDS REGEN CIRCUIT**



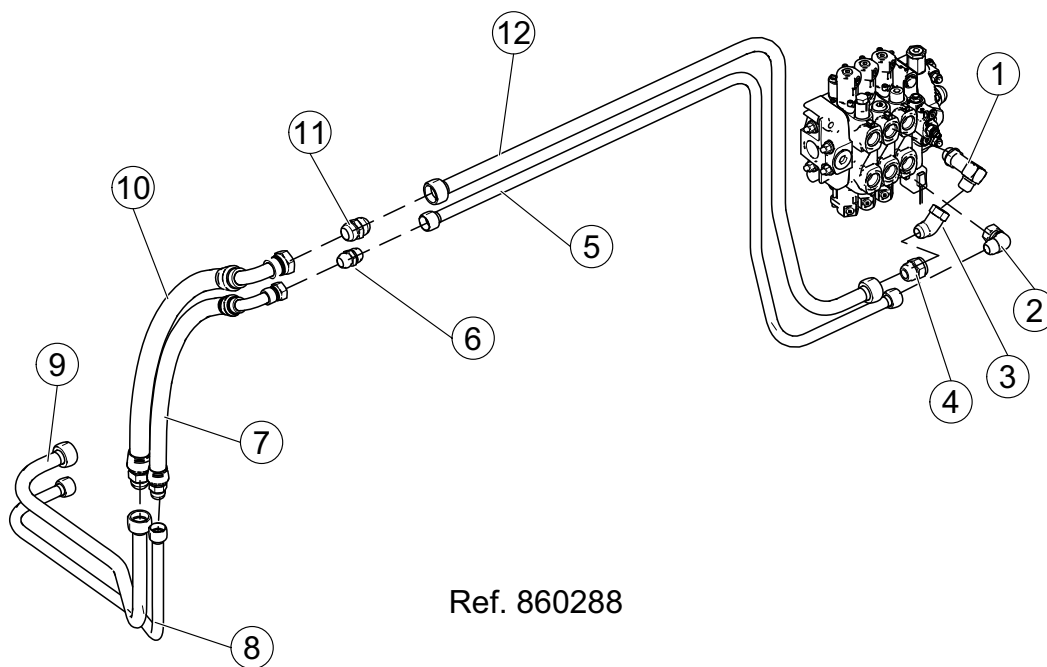
## PACKER HYDS REGEN CIRCUIT

| REF. NO.               | PART NO. | DESCRIPTION       | QTY. |
|------------------------|----------|-------------------|------|
| 1                      | HYF05168 | ELBOW JIC         | 1    |
|                        | HYF07801 | ELBOW ORFS        | 1    |
| 2                      | HYF07700 | ELBOW JIC         | 1    |
|                        | HYF07620 | ELBOW ORFS        | 1    |
| 3                      | QUB03399 | BOLT              | 2    |
| 4                      | QUR01274 | NUT               | 2    |
| 5                      | QUR01901 | WASHER            | 4    |
| 6                      | 97573    | PLATE             | 1    |
| 7                      | HYV08210 | VALVE             | 1    |
| 8                      | HYF04686 | CAP               | 1    |
| 9                      | HYF10050 | CAP               | 1    |
| 10                     | HYF10200 | CAP               | 1    |
| 11                     | HYF05100 | FITTING JIC       | 1    |
|                        | HYF02146 | FITTING ORFS      | 1    |
| 12                     | 161708   | HOSE JIC          | 1    |
|                        | 87976    | HOSE ORFS         | 1    |
| 13                     | 103102   | HOSE JIC          | 1    |
|                        | 161671   | HOSE ORFS         | 1    |
| 14                     | HYF08555 | FITTING JIC       | 1    |
|                        | HYF09496 | FITTING ORFS      | 1    |
| 15                     | HYF04920 | FITTING JIC       | 1    |
|                        | HYF10200 | FITTING ORFS      | 1    |
| 16                     | HYF08000 | ELBOW JIC         | 1    |
|                        | HYF05131 | ELBOW ORFS        | 1    |
| 17                     | 155383   | TUBE JIC          | 1    |
|                        | 161676   | TUBE ORFS         | 1    |
| 18                     | 161669   | HOSE              | 1    |
| 19                     | HYF05825 | FITTING JIC ELEC  | 1    |
|                        | HYF06110 | FITTING ORFS ELEC | 1    |
|                        | 69846    | FITTING JIC AIR   | 1    |
|                        | HYF05090 | FITTING ORFS AIR  | 1    |
| 20                     | 155390   | TUBE JIC ELEC     | 1    |
|                        | 161678   | TUBE ORFS ELEC    | 1    |
|                        | 155382   | TUBE JIC AIR      | 1    |
|                        | 161665   | TUBE ORFS AIR     | 1    |
| 21                     | HYF05400 | JIC               | 1    |
|                        | HYF04990 | ORFS              | 1    |
| CONTINUED ON NEXT PAGE |          |                   |      |

**SECTION 2****PACKER HYDS REGEN CIRCUIT**

| REF. NO. | PART NO. | DESCRIPTION    | QTY. |
|----------|----------|----------------|------|
| 22       | 155389   | TUBE JIC ELEC  | 1    |
|          | 161677   | TUBE ORFS ELEC | 1    |
|          | 155381   | TUBE JIC AIR   | 1    |
|          | 161664   | TUBE ORFS AIR  | 1    |
| 23       | HYF05610 | JIC            | 1    |
|          | HYF05104 | ORFS           | 1    |
| 24       | 155380   | JIC            | 1    |
|          | 161673   | ORFS           | 1    |
| 25       | 155379   | JIC            | 1    |
|          | 161672   | ORFS           | 1    |

# PACKER HYDS - Valve to tee, used on units with Helping Hand Arm

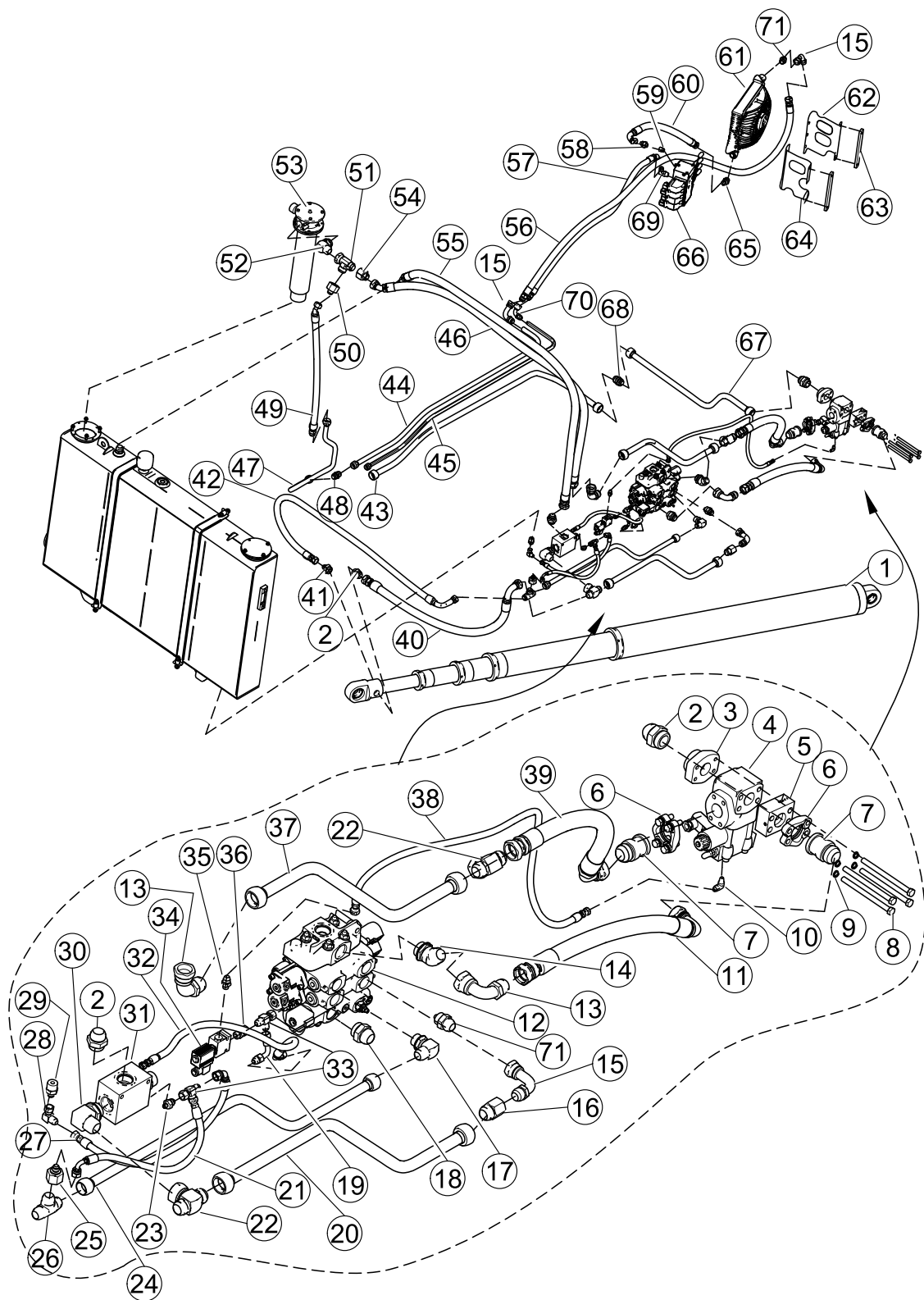


Ref. 860288

| REF. NO. | PART NO. | DESCRIPTION             | QTY. |
|----------|----------|-------------------------|------|
| 1        | HYF05165 | ELBOW - Long            | 1    |
| 2        | HYF08200 | ELBOW, 90° - Swivel Nut | 1    |
| 3        | HYF07850 | ELBOW, 45° - Swivel Nut | 1    |
| 4        | HYF09650 | ADAPTER                 | 1    |
| 5        | 183686   | TUBE                    | 1    |
| 6        | HYF05400 | CONNECTOR               | 1    |
| 7        | 173743   | HOSE                    | 1    |
| 8        | 183688   | TUBE                    | 1    |
| 9        | 183687   | TUBE                    | 1    |
| 10       | 183742   | HOSE                    | 1    |
| 11       | HYF05610 | CONNECTOR               | 1    |
| 12       | 183685   | TUBE                    | 1    |

**SECTION 2**

**PACKER HYD'S. - Full Eject - S/N AU14116NIA & Above**





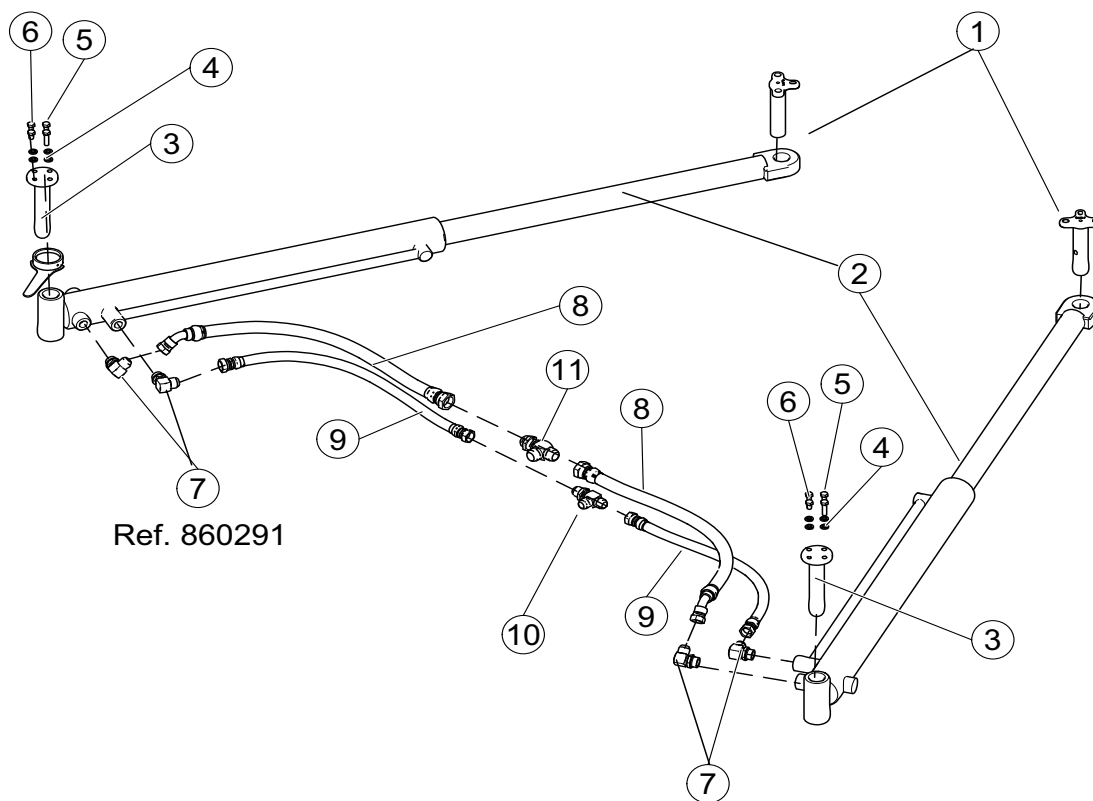
# PACKER HYD'S. - Full Eject - S/N AU14116NIA & Above

| REF. NO.            | PART NO. | DESCRIPTION                 | QTY. |
|---------------------|----------|-----------------------------|------|
| 1                   | HYC01331 | CYLINDER                    | 1    |
| 2                   | HYF05100 | ADAPTER                     | 2    |
| 3                   | HYS02650 | ADAPTER, Flange             | 1    |
| 4                   | HYP01579 | VALVE, Dump                 | 1    |
| 5                   | HYP01430 | FLANGE, Restrictor - 45 GPM | 1    |
| 6                   | HYF00095 | ADAPTER, Flange             | 1    |
| 7                   | HYF25210 | CONNECTOR, Flange           | 2    |
| 8                   | QUB01280 | BOLTS                       | 4    |
| 9                   | QUR01280 | WASHERS                     | 4    |
| 10                  | HYF03700 | ELBOW                       | 1    |
| 11                  | 173621   | HOSE                        | 1    |
| 12                  | HYV05206 | VALVE, Main                 | 1    |
| 13                  | HYF08207 | ELBOW                       | 2    |
| 14                  | HYF07100 | ELBOW                       | 1    |
| 15                  | HYF08201 | ELBOW                       | 3    |
| 16                  | HYF09650 | ADAPTER                     | 1    |
| 17                  | HYF07600 | ELBOW                       | 1    |
| 18                  | HYF05001 | ADAPTER                     | 1    |
| 19                  | HYF08050 | ELBOW                       | 1    |
| 20                  | 179931   | TUBE                        | 1    |
| 21                  | 177811   | HOSE                        | 1    |
| 22                  | HYF05820 | TEE                         | 2    |
| 23                  | HYF04850 | ADAPTER                     | 1    |
| 24                  | 179863   | TUBE                        | 1    |
| 25                  | HYF10020 | ADAPTER                     | 1    |
| 26                  | HYF05575 | TEE                         | 1    |
| 27                  | 177812   | HOSE                        | 1    |
| 28                  | HYF08000 | ELBOW                       | 1    |
| 29                  | HYF01900 | ADAPTER                     | 1    |
| 30                  | HYF07800 | ELBOW                       | 1    |
| 31                  | HYV07516 | VALVE, Dump                 | 1    |
| 32                  | 177813   | HOSE                        | 1    |
| 33                  | HYF05825 | TEE                         | 2    |
| 34                  | HYV00866 | VALVE, Solenoid             | 1    |
| 35                  | HYF04920 | ADAPTER                     | 1    |
| 36                  | BCH14100 | CONNECTOR                   | 1    |
| 37                  | 173618   | TUBE                        | 1    |
| 38                  | 158691   | HOSE                        | 1    |
| 39                  | 173620   | HOSE                        | 1    |
| CONTINUED NEXT PAGE |          |                             |      |

**SECTION 2****PACKER HYD'S. - Full Eject - AU14116NIA & Above**

| REF. NO. | PART NO. | DESCRIPTION      | QTY. |
|----------|----------|------------------|------|
| 40       | 173617   | HOSE             | 1    |
| 41       | HYF08555 | ADAPTER          | 1    |
| 42       | 173616   | HOSE             | 1    |
| 43       | 179883   | TUBE             | 1    |
| 44       | 179933   | TUBE             | 1    |
| 45       | 179932   | TUBE             | 1    |
| 46       | 173619   | HOSE             | 1    |
| 47       | 179934   | TUBE             | 1    |
| 48       | HYF05400 | CONNECTOR        | 1    |
| 49       | 179937   | HOSE             | 1    |
| 50       | HYF02164 | ADAPTER          | 1    |
| 51       | HYF28070 | TEE              | 1    |
| 52       | HYF07830 | ELBOW            | 1    |
| 53       | HYF20014 | ASSEMBLY, Filter | 1    |
| 54       | HYF02165 | ADAPTER          | 1    |
| 55       | 173615   | HOSE             | 1    |
| 56       | 177814   | HOSE             | 1    |
| 57       | 177815   | HOSE             | 1    |
| 58       | HYF05113 | ADAPTER          | 1    |
| 59       | HYF04902 | CONNECTOR        | 1    |
| 60       | 177816   | HOSE             | 1    |
| 61       | 0039-075 | OIL COOLER       | 1    |
| 62       | 179880   | BRACKET          | 1    |
| 63       | 93590    | SPACER           | 2    |
| 64       | 179840   | BRACKET          | 1    |
| 65       | HYF07095 | CONNECTOR        | 1    |
| 66       | HYV04406 | VALVE, Arm       | 1    |
| 67       | 179861   | TUBE             | 1    |
| 68       | HYF05610 | CONNECTOR        | 1    |
| 69       | HYF05135 | ELBOW            | 1    |
| 70       | HYF08110 | ELBOW            | 1    |
| 71       | HYF05000 | ADAPTER          | 2    |

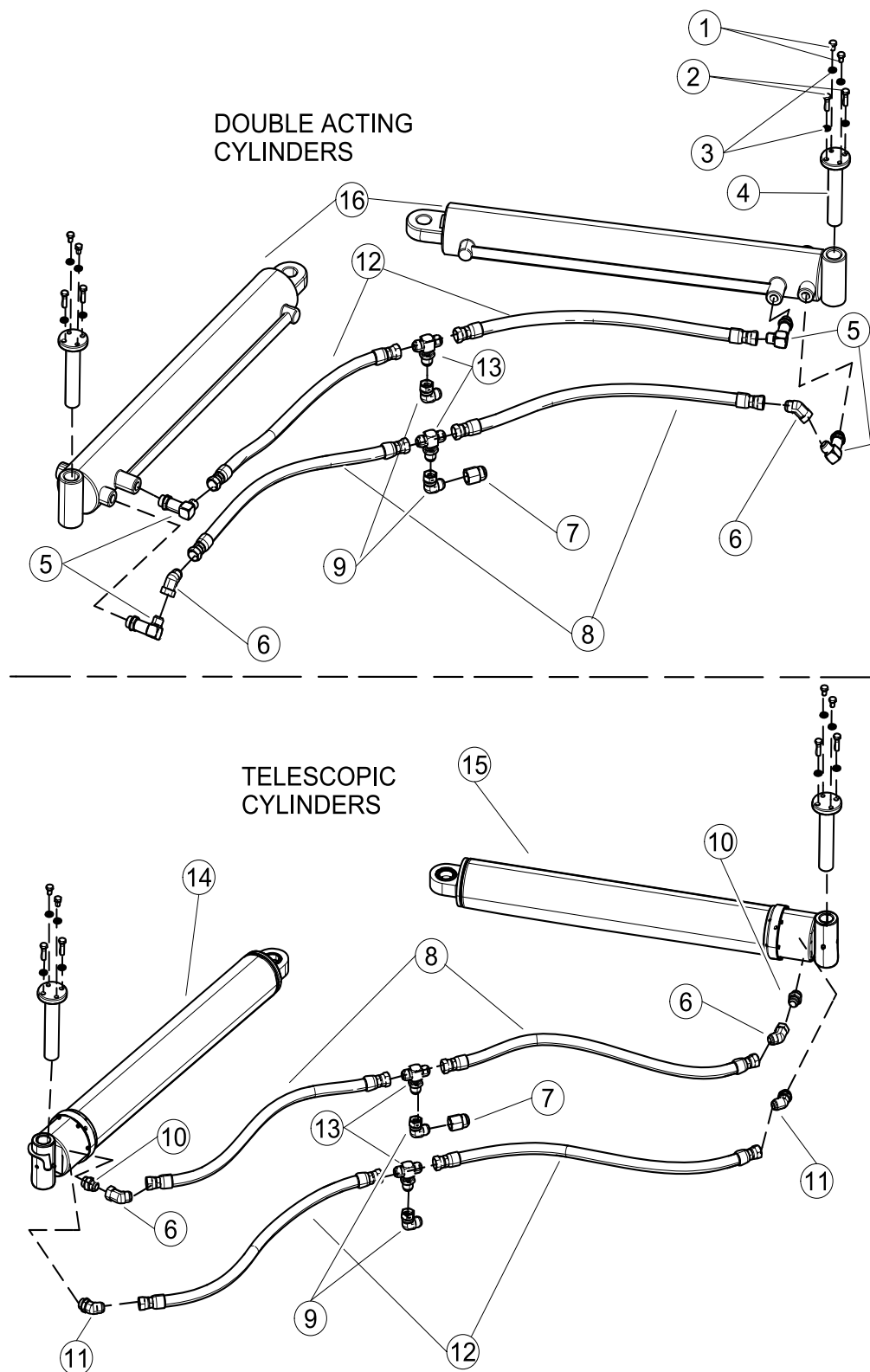
# PACKER HYDRAULICS - Automizer with Helping Hand arm



| REF. NO. | PART NO. | DESCRIPTION   | QTY. |
|----------|----------|---------------|------|
| 1        | 60754    | PIN           | 2    |
| 2        | HYC00507 | CYLINDER      | 2    |
| 3        | 60770    | PIN           | 2    |
| 4        | QUR01300 | WASHER        | 8    |
| 5        | QUB04601 | BOLT          | 4    |
| 6        | QUB04385 | BOLT          | 4    |
| 7        | HYF07600 | ELBOW         | 4    |
| 8        | 183735   | HOSE          | 2    |
| 9        | 183734   | HOSE          | 2    |
| 10       | HYF05800 | TEE, Bulkhead | 1    |
| 11       | hyf05810 | TEE, Bulkhaed | 1    |

**SECTION 2**

**PACKER HYDRAULICS - JIC**



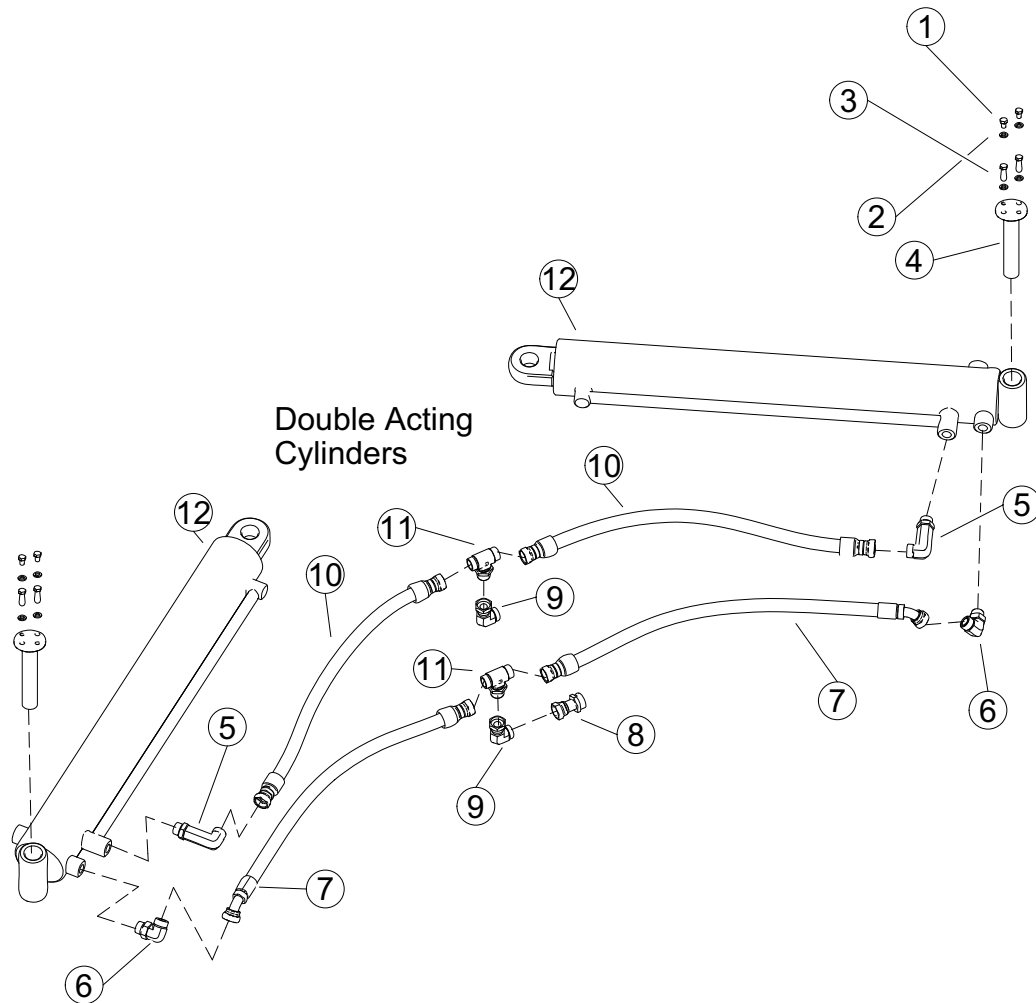
## PACKER HYDRAULICS - JIC

| REF. NO. | PART NO.    | DESCRIPTION                                                               | QTY. |
|----------|-------------|---------------------------------------------------------------------------|------|
| 1        | QUB04380    | BOLT                                                                      | 4    |
| 2        | QUB04600    | BOLT                                                                      | 4    |
| 3        | QUR01300    | WASHER                                                                    | 8    |
| 4        | 60770       | PIN                                                                       | 2    |
| 5        | HYF05165    | ELBOW                                                                     | 4    |
| 6        | HYF07850    | ELBOW - 45°                                                               | 2    |
| 7        | HYF09650    | ADAPTER                                                                   | 1    |
| 8        | 25844       | HOSE                                                                      | 2    |
| 9        | HYF08200    | ELBOW                                                                     | 2    |
| 10       | HYF05000    | ADAPTER                                                                   | 2    |
| 11       | HYF07095    | ELBOW - 45°                                                               | 2    |
| 12       | 37343       | HOSE                                                                      | 2    |
| 13       | HYF05600    | TEE                                                                       | 2    |
| 14       | HYC01320    | CYLINDER - Cylinder with Switch Actuator                                  | 1    |
| 15       | HYC01321    | CYLINDER - Telescopic                                                     | 1    |
| 16       | HYC00507-01 | CYLINDER - Double Acting - Chrome Finish                                  | 2    |
|          | HYC00516    | CYLINDER - Double Acting<br>(Metal Rod and Scraper Seal & Nitrite Coated) | 2    |

## SECTION 2

# PACKER HYDRAULICS - ORFS

---



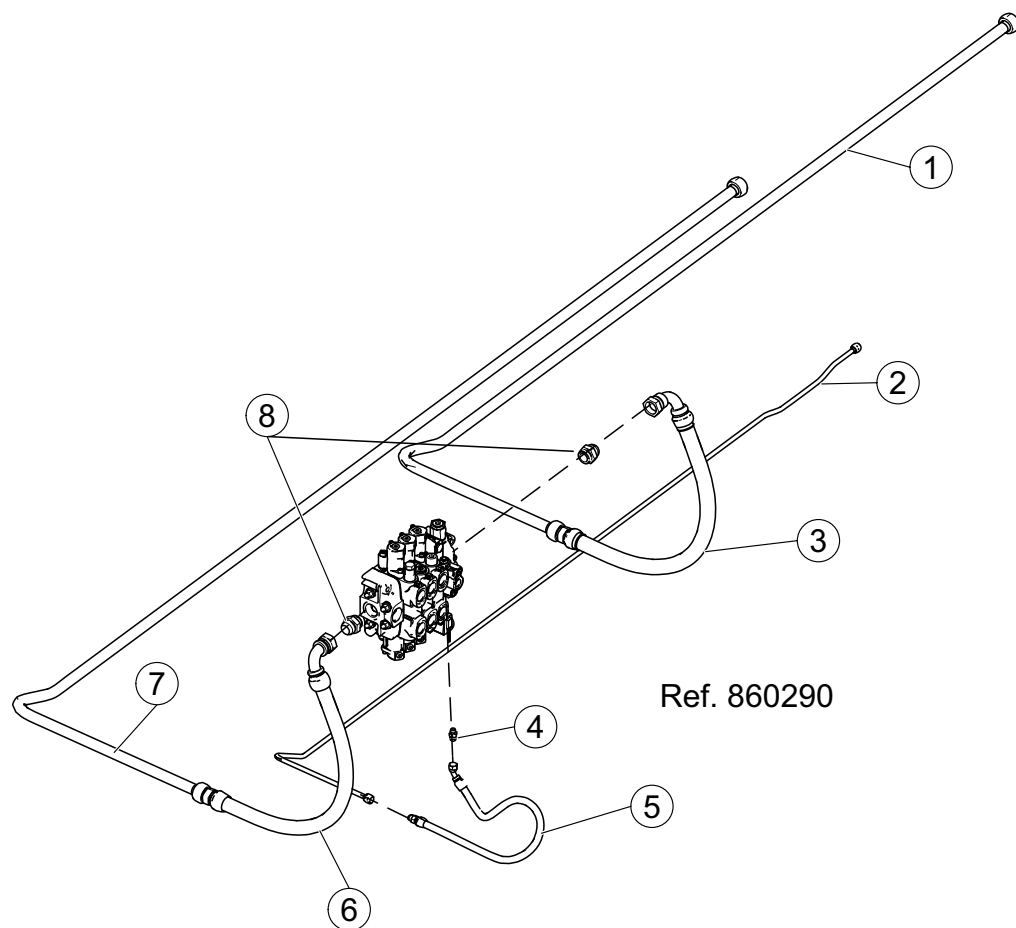
## PACKER HYDRAULICS - ORFS

| REF. NO. | PART NO.    | DESCRIPTION                                                        | QTY. |
|----------|-------------|--------------------------------------------------------------------|------|
| 1        | QUB04380    | BOLT                                                               | 4    |
| 2        | QUR01300    | WASHER                                                             | 8    |
| 3        | QUB04600    | BOLT                                                               | 4    |
| 4        | 60770       | PIN                                                                | 2    |
| 5        | HYF05164    | ELBOW                                                              | 2    |
| 6        | HYF07605    | ELBOW                                                              | 2    |
| 7        | 161652      | HOSE                                                               | 2    |
| 8        | HYF02175    | CONNECTOR                                                          | 1    |
| 9        | HYF07610    | ELBOW                                                              | 2    |
| 10       | 161653      | HOSE                                                               | 2    |
| 11       | HYF05603    | TEE                                                                | 2    |
| 12       | HYC00507-01 | CYLINDER - Double Acting - Chrome Finish                           | 2    |
|          | HYC00516    | CYLINDER - Double Acting -<br>(Metal Rod Scraper & Nitrite Coated) | 2    |

**SECTION 2**

**PRESS./RTN. MAIN VALVE TO REAR - Automizer with Helping HAnd**

---





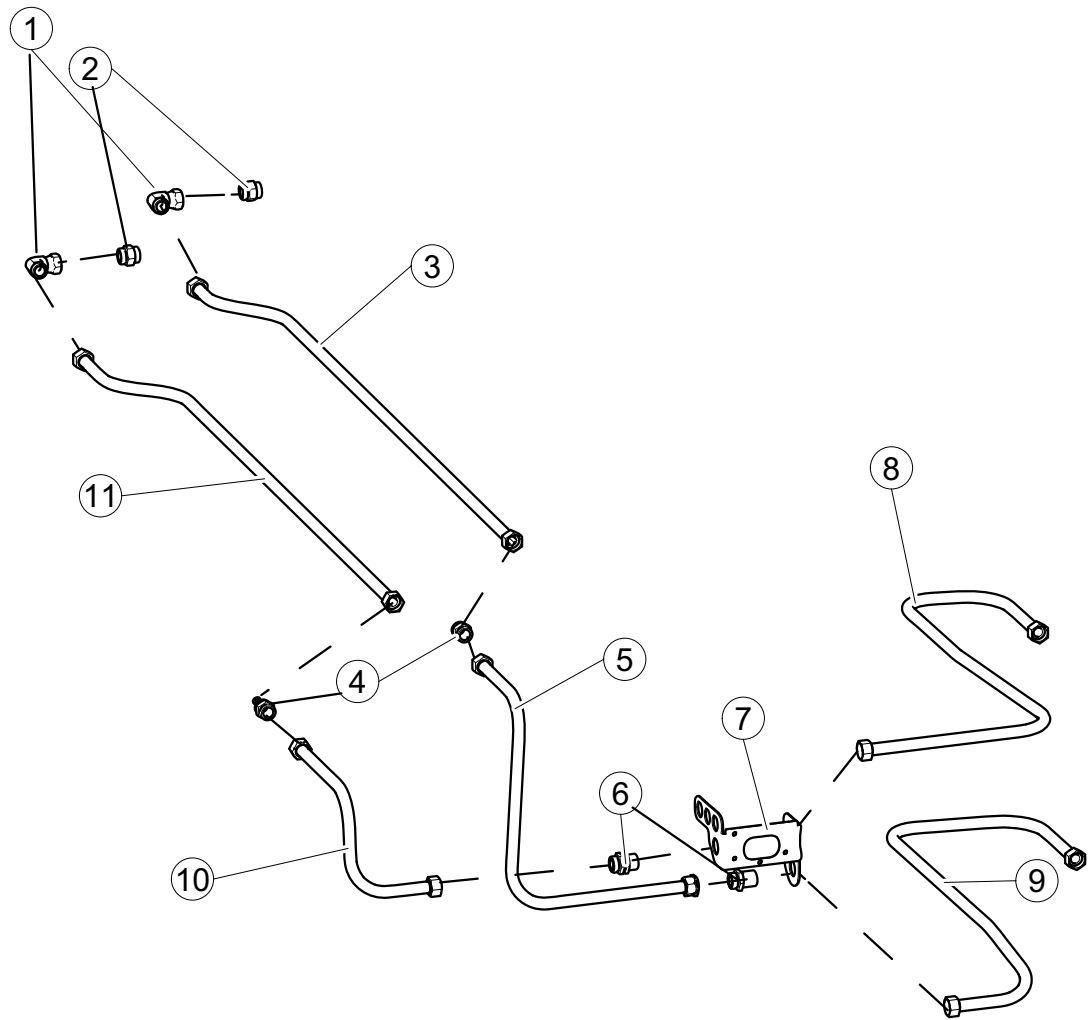
**PRESS./RTN MAIN VALVE TO REAR** - Automizer with Helping HAnd arm

| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | 183679   | TUBE        | 1    |
| 2        | 183680   | TUBE        | 1    |
| 3        | 183732   | HOSE        | 1    |
| 4        | HYF04920 | CONNECTOR   | 1    |
| 5        | 183733   | HOSE        | 1    |
| 6        | 183731   | HOSE        | 1    |
| 7        | 183678   | TUBE        | 1    |
| 8        | HYF05100 | CONECTOR    | 2    |

**SECTION 2**

**PRESS./RTN. MAIN VALVE HYDS-** AIR ACTUATED VALVE TO REAR BODY

---



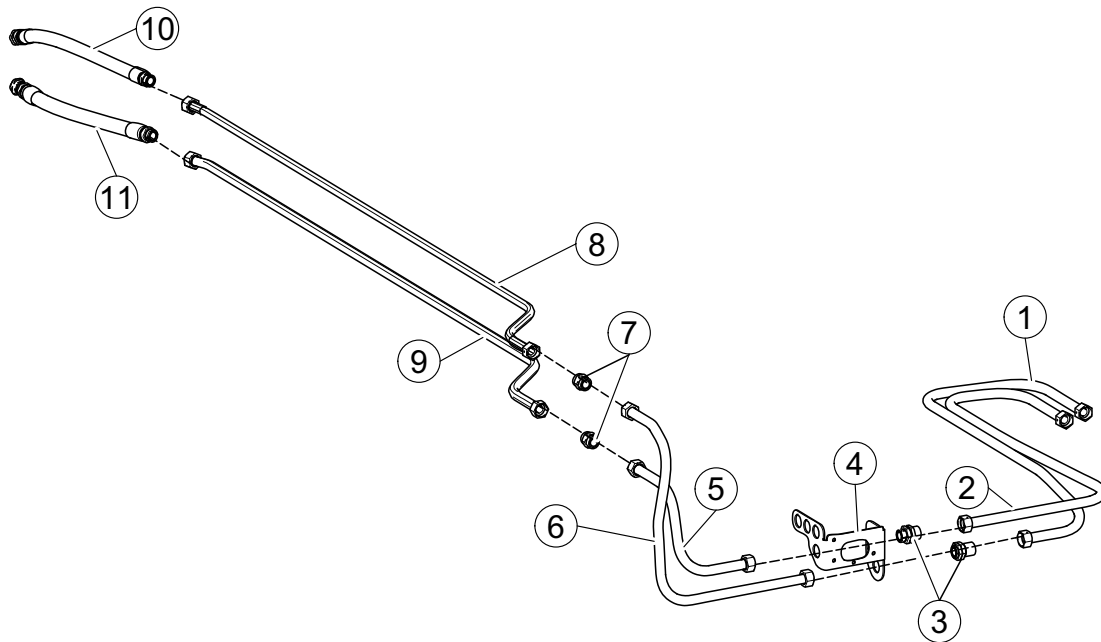
**PRESS./RTN. MAIN VALVE HYDS-** AIR ACTUATED VALVE TO REAR BODY

| REF. NO. | PART NO. | DESCRIPTION                 | QTY. |
|----------|----------|-----------------------------|------|
| 1        | HYF07815 | ELBOW - ORFS                | 2    |
|          | HYF08205 | ELBOW - JIC                 | 2    |
| 2        | HYF02146 | ADAPTOR - ORFS              | 2    |
|          | HYF05100 | ADAPTOR - JIC               | 2    |
| 3        | 166292   | TUBE - 15 & 20 YD - ORFS    | 1    |
|          | 152393   | TUBE - 15 & 20 YD - JIC     | 1    |
|          | 166004   | TUBE - 27 YD - ORFS         | 1    |
|          | 152117   | TUBE - 27 YD - JIC          | 1    |
|          | 166365   | TUBE - 31 YD - ORFS         | 1    |
|          | 152087   | TUBE - 31 YD - JIC          | 1    |
|          | HYF05104 | CONNECTOR-ORFS              | 2    |
|          | HYF05610 | CONNECTOR - JIC             | 2    |
| 5        | 161700   | TUBE - 15 & 20 YD - ORFS    | 1    |
|          | 152294   | TUBE - 15 & 20 YD - JIC     | 1    |
|          | 161707   | TUBE - 27 YD - ORFS         | 1    |
|          | 152292   | TUBE - 27 YD - JIC          | 1    |
|          | 163666   | TUBE - 31 YD - ORFS         | 1    |
|          | 153296   | TUBE - 31 YD - JIC          | 1    |
|          | HYF05103 | CONNECTOR - ORFS            | 2    |
| 6        | HYF06750 | CONNECTOR - JIC             | 2    |
| 7        | 81282    | BRACKET                     | 1    |
| 8        | 162120   | TUBE -15, 20 & 27 YD - ORFS | 1    |
|          | 163667   | TUBE - 31 YD - ORFS         | 1    |
|          | 155396   | TUBE - 15,20 & 27 YD - JIC  | 1    |
|          | 160512   | TUBE - 31 - JIC             | 1    |
|          | 162121   | TUBE - 15 & 20 YD - ORFS    | 1    |
| 9        | 155397   | TUBE - 15, 20 & 27 YD -JIC  | 1    |
|          | 162121   | TUBE - 27 YD - ORFS         | 1    |
|          | 166254   | TUBE - 31 YD - ORFS         | 1    |
|          | 160513   | TUBE - 31 YD - JIC          | 1    |
|          | 161699   | TUBE - 15 & 20 YD - ORFS    | 1    |
|          | 152492   | TUBE - 15 & 20 YD - JIC     | 1    |
|          | 161706   | TUBE - 27 YD - ORFS         | 1    |
| 10       | 152491   | TUBE - 27 YD - JIC          | 1    |
|          | 163665   | TUBE - 31 YD - ORFS         | 1    |
|          | 155296   | TUBE - 31 YD - JIC          | 1    |
|          | 161697   | TUBE - 15 & 20 YD - ORFS    | 1    |
|          | 152487   | TUBE - 15 & 20 YD - JIC     | 1    |
|          | 161703   | TUBE - 27 YD - ORFS         | 1    |
|          | 152489   | TUBE - 27 YD - JIC          | 1    |
|          | 163663   | TUBE - 31 YD - ORFS         | 1    |
|          | 153294   | TUBE - 31 YD - JIC          | 1    |
|          |          |                             |      |

## SECTION 2

# PRESS./RTN. MAIN VALVE HYDS- AIR ACTUATED VALVE TO REAR BODY

FULL EJECTION UNITS ONLY



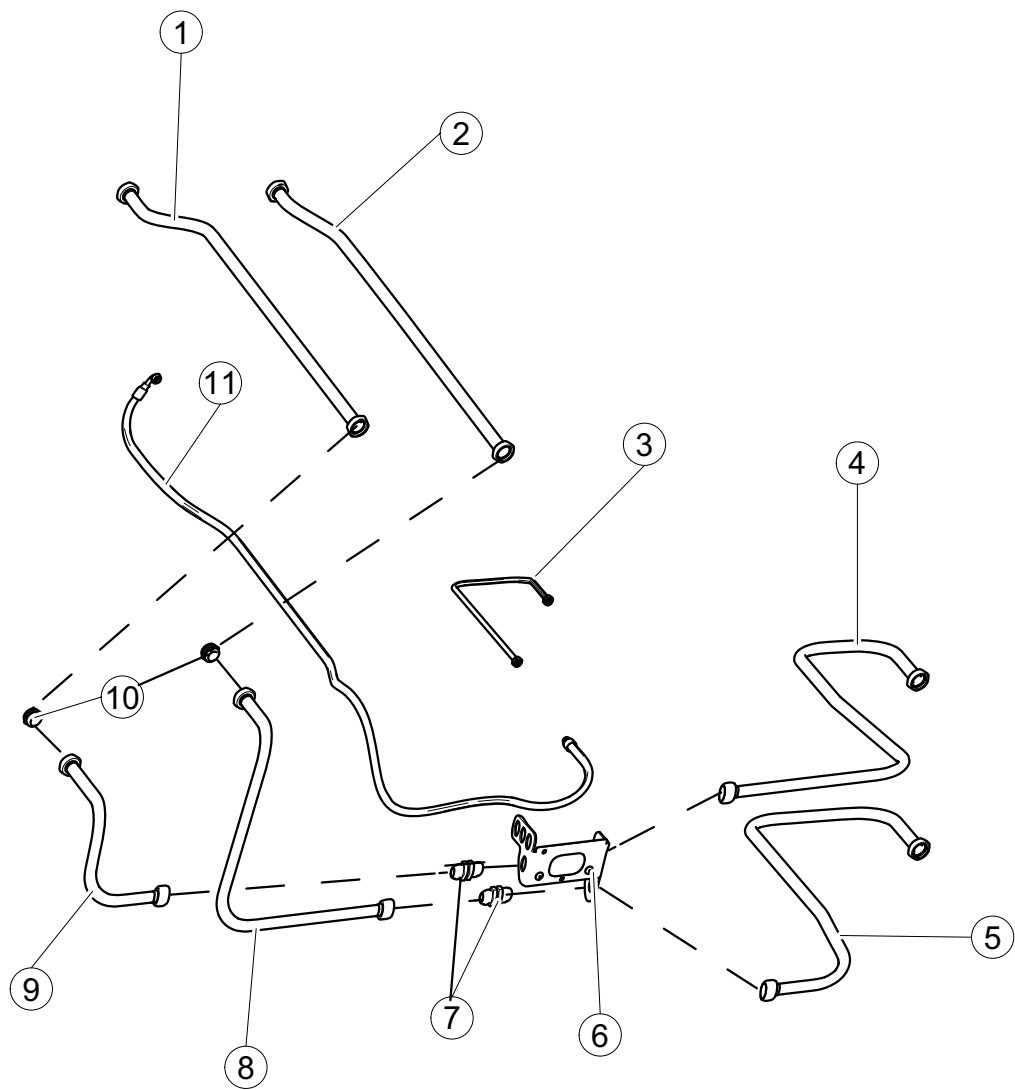
| REF. NO. | PART NO. | DESCRIPTION         | QTY. |
|----------|----------|---------------------|------|
| 1        | 162121   | TUBE                | 1    |
| 2        | 162120   | TUBE                | 1    |
| 3        | HYF05103 | CONNECTOR           | 2    |
| 4        | 154654   | BRACKET             | 1    |
| 5        | 171790   | TUBE                | 1    |
| 6        | 171191   | TUBE                | 1    |
| 7        | HYF05104 | CONNECTOR, Bulkhead | 2    |
| 8        | 171788   | TUBE                | 1    |
| 9        | 171789   | TUBE                | 1    |
| 10       | 168064   | HOSE                | 1    |
| 11       | 165823   | HOSE                | 1    |



**SECTION 2**

**PRESS./RTN. MAIN VALVE HYDS-ELEC ACTUATED VALVE TO REAR BODY**

---



**PRESS./RTN. MAIN VALVE HYDS-**ELEC ACTUATED VALVE TO REAR BODY

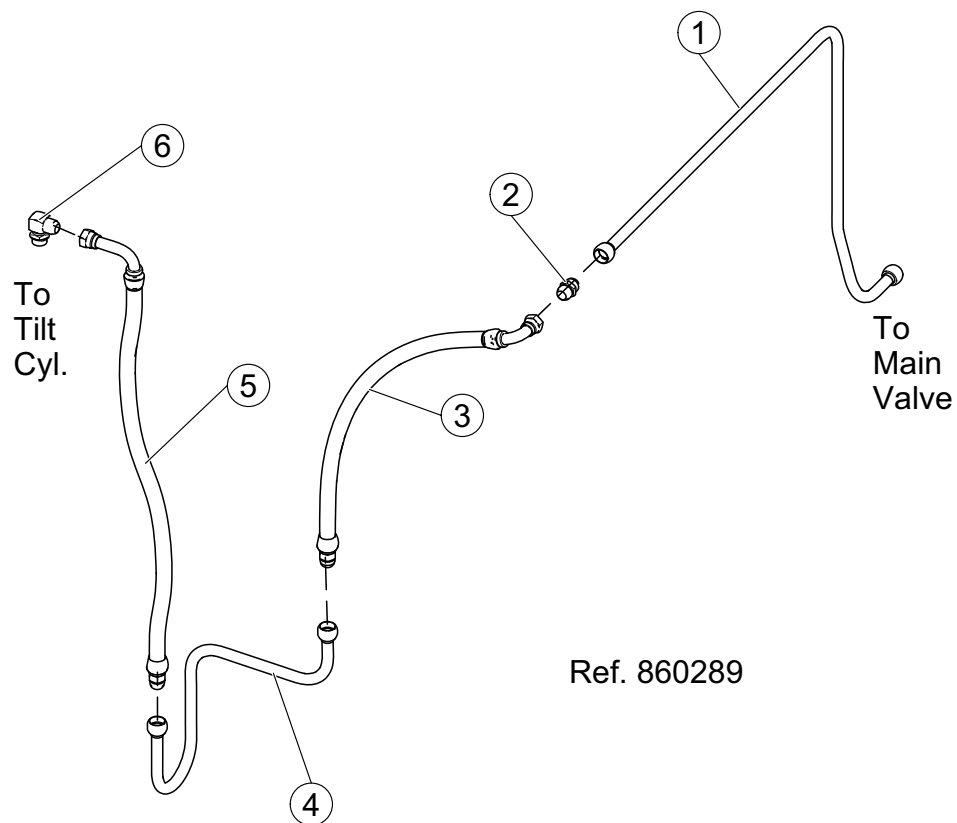
| REF. NO.                      | PART NO. | DESCRIPTION                | QTY. |
|-------------------------------|----------|----------------------------|------|
| 1                             | 152487   | TUBE 15 & 20 YD - JIC      | 1    |
|                               | 161697   | TUBE 15 & 20 YD - ORFS     | 1    |
|                               | 152489   | TUBE 27 YD - JIC           | 1    |
|                               | 161703   | TUBE 27 YD - ORFS          | 1    |
|                               | 153294   | TUBE 31 YD - JIC           | 1    |
|                               | 163663   | TUBE 31 YD - ORFS          | 1    |
| 2                             | 98178    | TUBE 15 & 20 YD - JIC      | 1    |
|                               | 161701   | TUBE 15 & 20 YD - ORFS     | 1    |
|                               | 82732    | TUBE 27 YD - JIC           | 1    |
|                               | 161704   | TUBE 27 YD - ORFS          | 1    |
|                               | 153295   | TUBE 31 YD - JIC           | 1    |
|                               | 163664   | TUBE 31 YD - ORFS          | 1    |
| 3                             | 155398   | TUBE 15 & 20 YD - JIC      | 1    |
|                               | 161698   | TUBE 15 & 20 YD - ORFS     | 1    |
|                               | 155398   | TUBE 27 YD - JIC           | 1    |
|                               | 161698   | TUBE 27 YD - ORFS          | 1    |
|                               | 160514   | TUBE 31 YD - JIC           | 1    |
|                               | 166255   | TUBE 31 YD - ORFS          | 1    |
| 4                             | 155396   | TUBE 15 & 20 YD - JIC      | 1    |
|                               | 162120   | TUBE 15 & 20 YD - ORFS     | 1    |
|                               | 155396   | TUBE 27 YD - JIC           | 1    |
|                               | 162120   | TUBE 27 YD - ORFS          | 1    |
|                               | 160512   | TUBE 31 YD - JIC           | 1    |
|                               | 163667   | TUBE 31 YD - ORFS          | 1    |
| 5                             | 155397   | TUBE 15 & 20 YD - JIC      | 1    |
|                               | 162121   | TUBE 15 & 20 YD - ORFS     | 1    |
|                               | 153397   | TUBE 27 YD - JIC           | 1    |
|                               | 162121   | TUBE 27 YD - ORFS          | 1    |
|                               | 160513   | TUBE 31 YD - JIC           | 1    |
|                               | 166254   | TUBE 31 YD - ORFS          | 1    |
| 6                             | 81262    | BRACKET                    | 1    |
| 7                             | HYF06750 | CONNECTOR, Bulkhead - JIC  | 2    |
|                               | HYF05103 | CONNECTOR, Bulkhead - ORFS | 2    |
| 8                             | 155293   | TUBE 15 & 20 YD - JIC      | 1    |
|                               | 161700   | TUBE 15 & 20 YD - ORFS     | 1    |
|                               | 155201   | TUBE 27 YD - JIC           | 1    |
|                               | 161707   | TUBE 27 YD - ORFS          | 1    |
|                               | 155295   | TUBE 31 YD - JIC           | 1    |
|                               | 163666   | TUBE 31 YD - ORFS          | 1    |
| <b>CONTINUED ON NEXT PAGE</b> |          |                            |      |

**SECTION 2****PRESS./RTN. MAIN VALVE HYDS-**ELEC ACTUATED VALVE TO REAR BODY

| REF. NO. | PART NO. | DESCRIPTION            | QTY. |
|----------|----------|------------------------|------|
| 9        | 152492   | TUBE 15 & 20 YD - JIC  | 1    |
|          | 161699   | TUBE 15 & 20 YD - ORFS | 1    |
|          | 152491   | TUBE 27 YD - JIC       | 1    |
|          | 161706   | TUBE 27 YD - ORFS      | 1    |
|          | 153296   | TUBE 31 YD - JIC       | 1    |
|          | 163665   | TUBE 31 YD - ORFS      | 1    |
|          | HYF05610 | CONNECTOR - JIC        | 2    |
| 10       | HYF05104 | CONNECTOR - ORFS       | 2    |
| 11       | 73471    | TUBE 15 & 20 YD - JIC  | 1    |
|          | 161702   | TUBE 15 & 20 YD - ORFS | 1    |
|          | 155399   | TUBE 27 YD - JIC       | 1    |
|          | 161705   | TUBE 27 YD - ORFS      | 1    |
|          | 156827   | TUBE 31 YD - JIC       | 1    |
|          | 166256   | TUBE 31 YD - ORFS      | 1    |



# BODY TILT HYDS -Automizer with Helping Hand

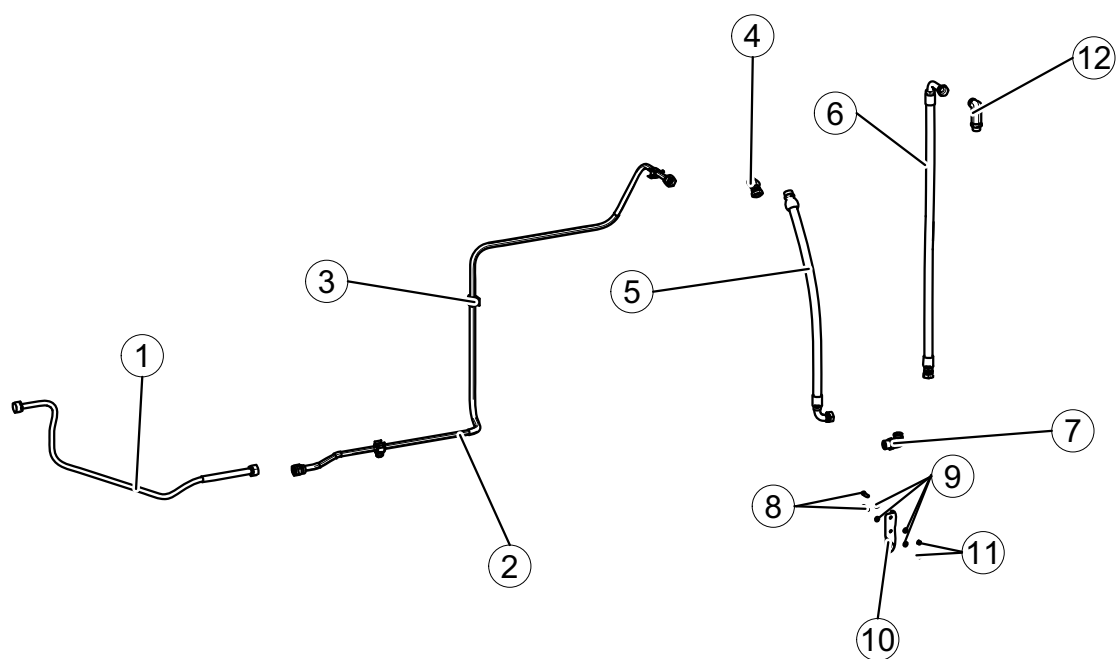


| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | 183690   | TUBE        | 1    |
| 2        | HYF05400 | CONNECTOR   | 1    |
| 3        | 183747   | HOSE        | 1    |
| 4        | 183691   | TUBE        | 1    |
| 5        | 176005   | HOSE        | 1    |
| 6        | HYF07600 | ELBOW       | 1    |

**SECTION 2**

**BODY TILT HYDS- VALVE TO CYLINDER**

---



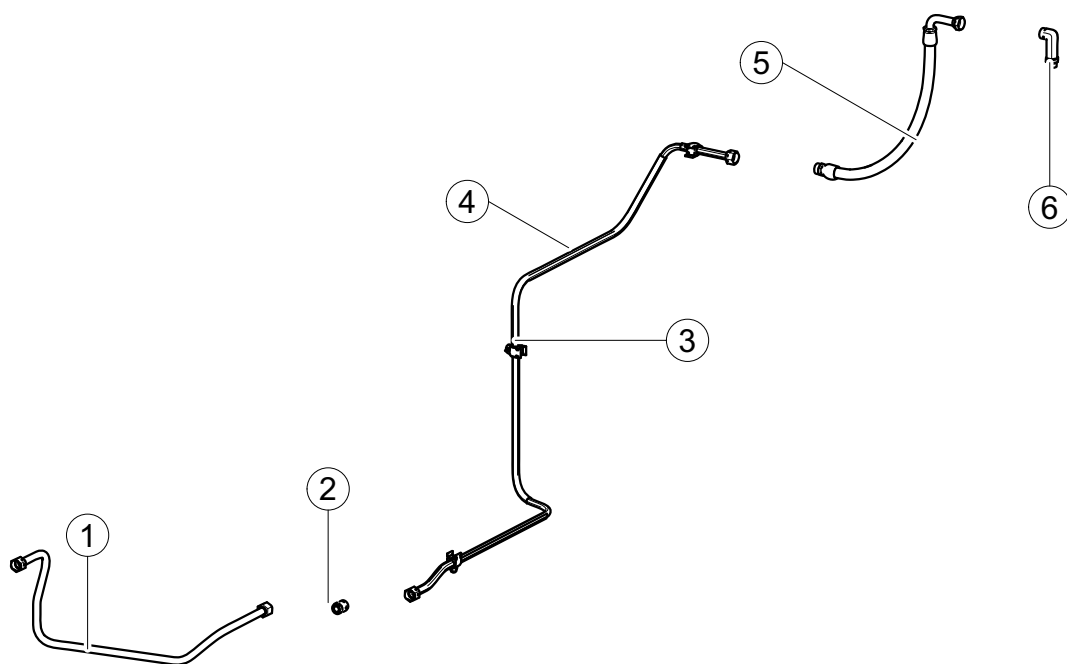
# BODY TILT HYDS- VALVE TO CYLINDER- AIR VALVE

| REF. NO. | PART NO. | DESCRIPTION                | QTY. |
|----------|----------|----------------------------|------|
| 1        | 158272   | TUBE - 20, 27, 31 YD ORFS  | 1    |
| 2        | 158271   | TUBE - 20, 27, 31 YD ORFS  | 1    |
| 3        | HYS00400 | SUPPORT                    | 3    |
| 4        | HYF07860 | CONNECTOR - ORFS           | 1    |
| 5        | 88569    | HOSE - 20, 27, 31 YD ORFS  | 1    |
| 6        | HYF05164 | ELBOW - 20, 27, 31 YD ORFS | 1    |
| 7        | 88570    | HOSE - 20, 27, 31 YD ORFS  | 1    |
| 8        | HYF07616 | ELBOW - 20, 27, 31 YD ORFS | 1    |
| 9        | QUB06200 | BOLT                       | 2    |
| 10       | QUE01302 | NUT                        | 2    |
| 11       | 88568    | BRACKET                    | 1    |
| 12       | QUR01902 | WASHER                     | 4    |

**SECTION 2**

**BODY TILT HYDS- VALVE TO CYLINDER- ELEC VALVE**

---



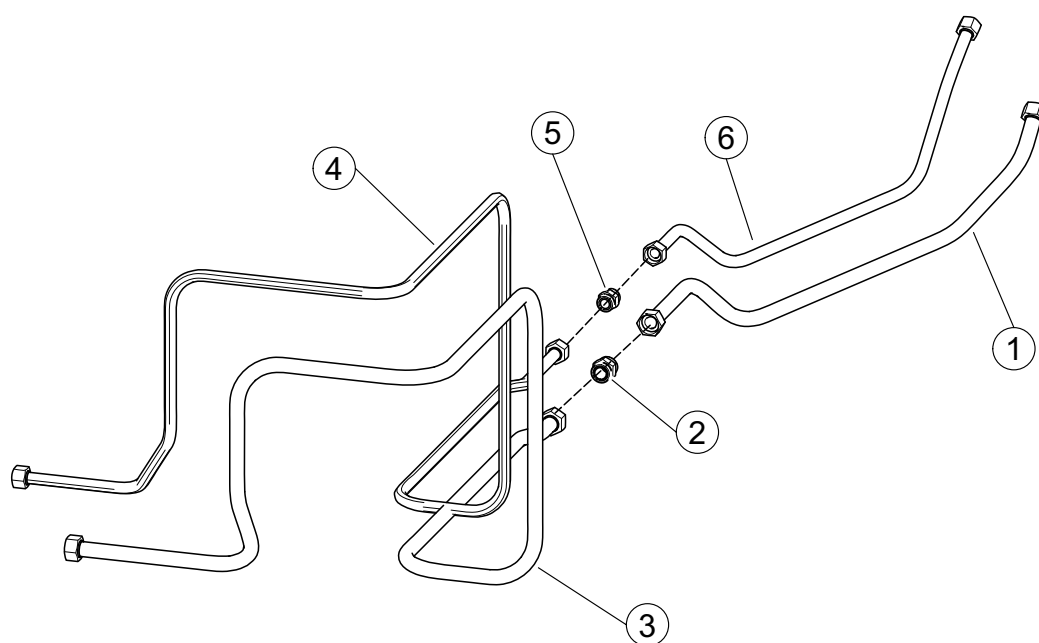
# BODY TILT HYDS- VALVE TO CYLINER-ELEC VALVE

| REF. NO. | PART NO. | DESCRIPTION                     | QTY. |
|----------|----------|---------------------------------|------|
| 1        | 166252   | TUBE 31 YD ORFS ELEC            | 1    |
|          | 155385   | TUBE 30, 27,31 YD JIC AIR       | 1    |
|          | 155391   | TUBE 20,27,31 YD JIC ELEC       | 1    |
| 2        | HYF04990 | CONNECTOR 31 YD ORFS ELEC       | 1    |
|          | HYF05400 | CONNECTOR 20,27,31 JIC AIR/ELEC | 1    |
| 3        | HYS00400 | SUPPORT                         | 3    |
| 4        | 158271   | TUBE 31 YD ORFS ELEC            | 1    |
|          | 155384   | TUBE 20,27,31 JIC AIR/ELEC      | 1    |
| 5        | 166253   | HOSE 31 YD ORFS ELEC            | 1    |
|          | 155386   | HOSE 20,27,31 JIC ELEC/AIR      | 1    |
| 6        | HYF05164 | ELBOW 31 YD ORFS ELEC           | 1    |
|          | HYF05165 | ELBOW 20,27,31 JIC AIR/ELEC     |      |

**SECTION 2**

**FRONT BODY HYDS- AIR/ELEC VALVE**

---



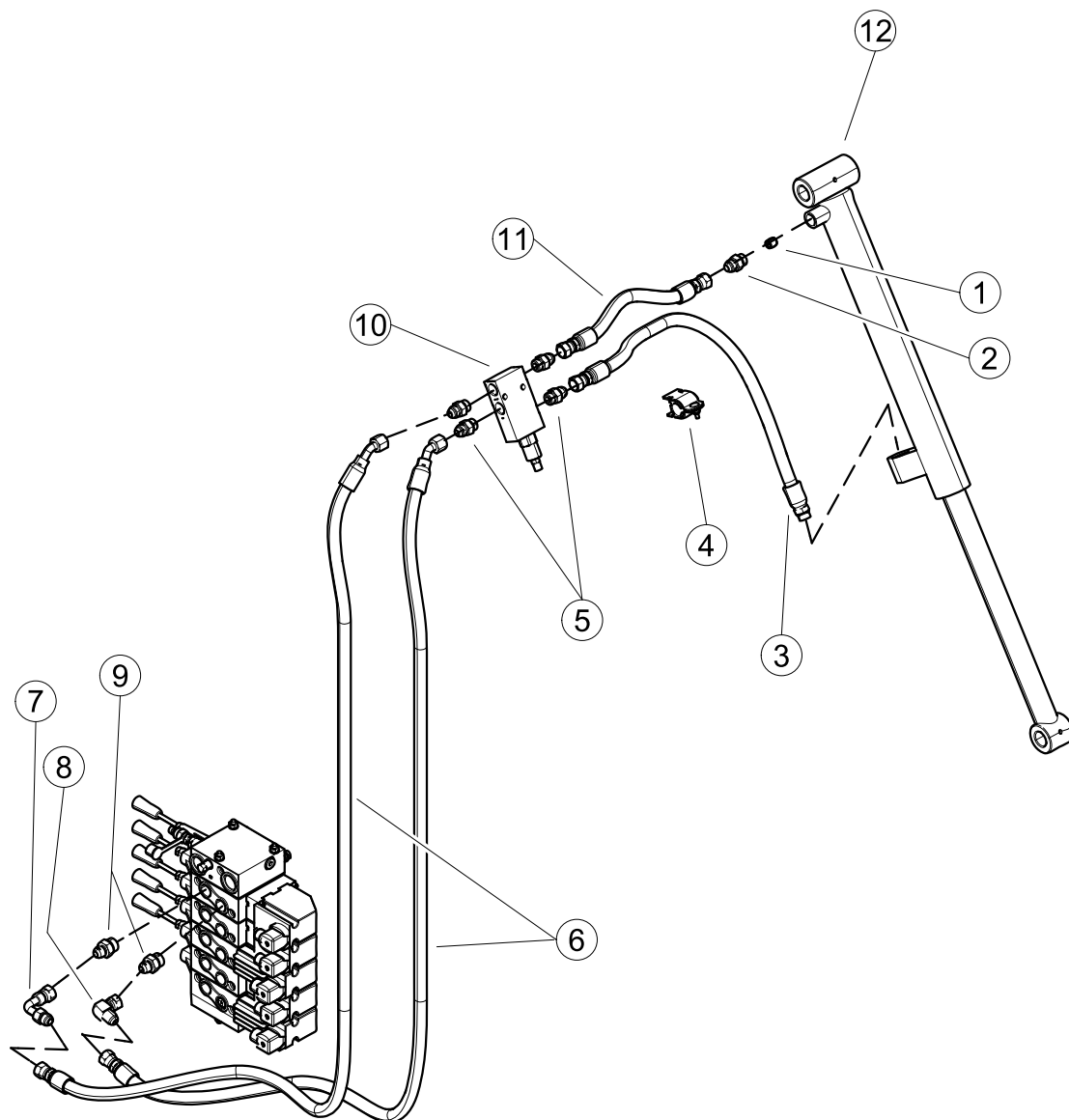
## FRONT BODY HYDS- AIR/ELEC VALVE

| REF. NO. | PART NO. | DESCRIPTION    | QTY. |
|----------|----------|----------------|------|
| 1        | 161664   | TUBE ORFS AIR  | 1    |
|          | 155381   | TUBE JIC AIR   | 1    |
|          | 161677   | TUBE ORFS ELEC | 1    |
|          | 155389   | TUBE JIC ELEC  | 1    |
|          |          |                |      |
| 2        | HYF04990 | CONNECTOR ORFS | 1    |
|          | HYF05400 | CONNECTOR JIC  | 1    |
| 3        | 161666   | TUBE ORFS      | 1    |
|          | 155787   | TUBE JIC       | 1    |
| 4        | 161667   | TUBE ORFS      | 1    |
|          | 155388   | TUBE JIC       | 1    |
| 5        | HYF05104 | CONNECTOR ORFS | 1    |
|          | HYF05610 | CONNECTOR JIC  | 1    |
| 6        | 161665   | TUBE ORFS AIR  | 1    |
|          | 155382   | TUBE JIC AIR   | 1    |
|          | 161678   | TUBE ORFS ELEC | 1    |
|          | 155390   | TUBE JIC ELEC  | 1    |

**SECTION 2**

**CRUSHER HYDRAULICS - 40% & 50% Panel - R.S.**

---





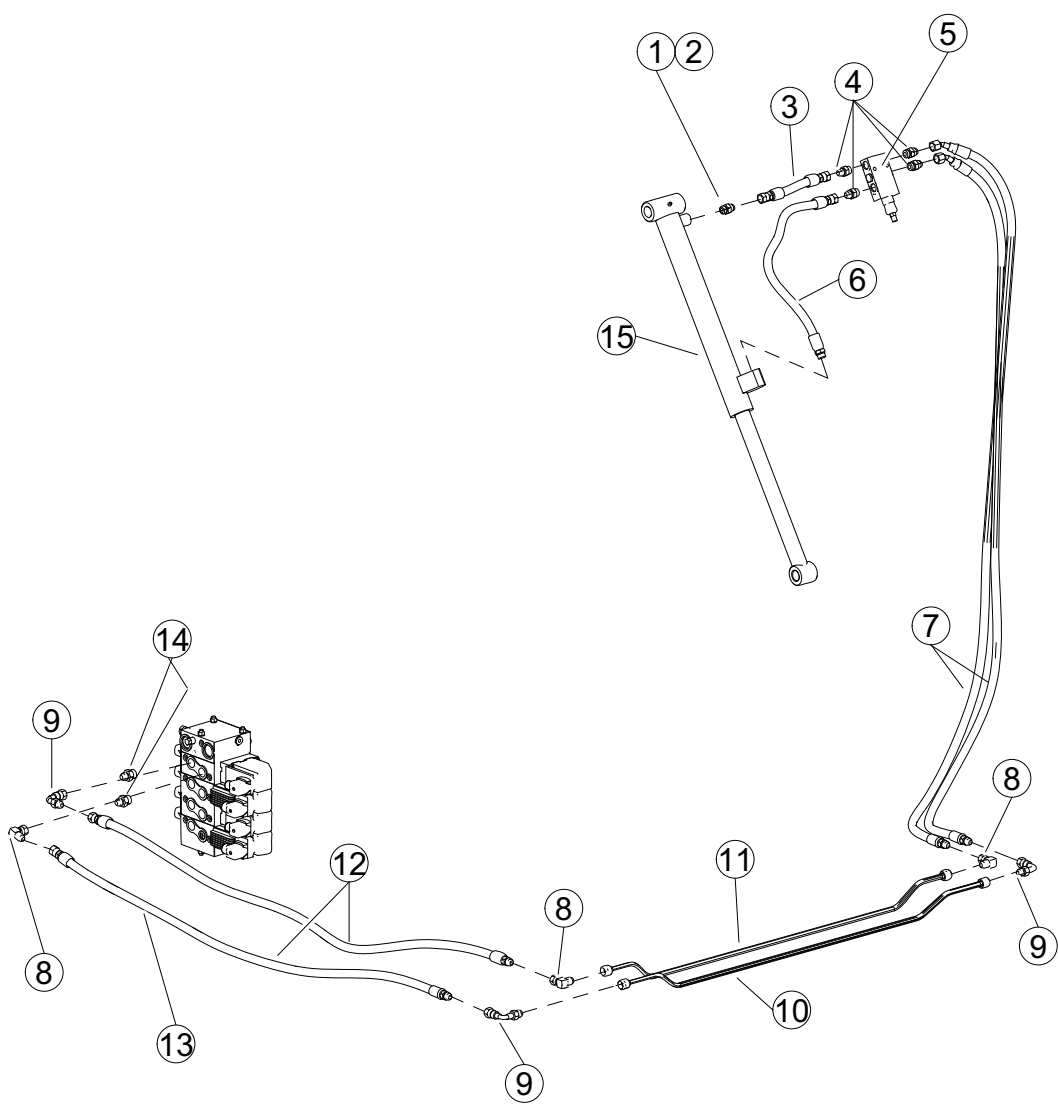
## CRUSHER HYDRAULICS - 40% & 50% Panel - R.S.

| REF. NO. | PART NO.    | DESCRIPTION              | QTY. |
|----------|-------------|--------------------------|------|
| 1        | 69979       | PLUG, Orificed           | 1    |
| 2        | 69978       | ADAPTER, Threaded - JIC  | 1    |
|          | 162219      | ADAPTER, Threaded - ORFS | 1    |
| 3        | 79676       | HOSE - JIC               | 1    |
|          | 163932      | HOSE - ORFS              | 1    |
| 4        | HYS00460    | CLAMP, Hose              | A/R  |
| 5        | HYF05110    | ADAPTER - JIC            | 4    |
|          | HYF05171    | ADAPTER - ORFS           | 4    |
| 6        | 155145      | HOSE - JIC               | 2    |
|          | 88434       | HOSE - ORFS              | 2    |
| 7        | HYF08050    | ELBOW, Long - JIC        | 1    |
|          | HYF05124    | ELBOW, Long - ORFS       | 1    |
| 8        | HYF08000    | ELBOW - JIC              | 1    |
|          | HYF07451    | ELBOW - ORFS             | 1    |
| 9        | HYF04900    | ADAPTER - JIC            | 2    |
|          | HYF04908    | ADAPTER - ORFS           | 1    |
| 10       | HYV02670    | VALVE, Holding           | 1    |
| 11       | 11122       | HOSE - JIC               | 1    |
|          | 166293      | HOSE - ORFS              | 1    |
| 12       | HYC00198-02 | CYLINDER                 | 1    |

**SECTION 2**

**CRUSHER HYDRAULICS - 40% Panel - L.S.**

---



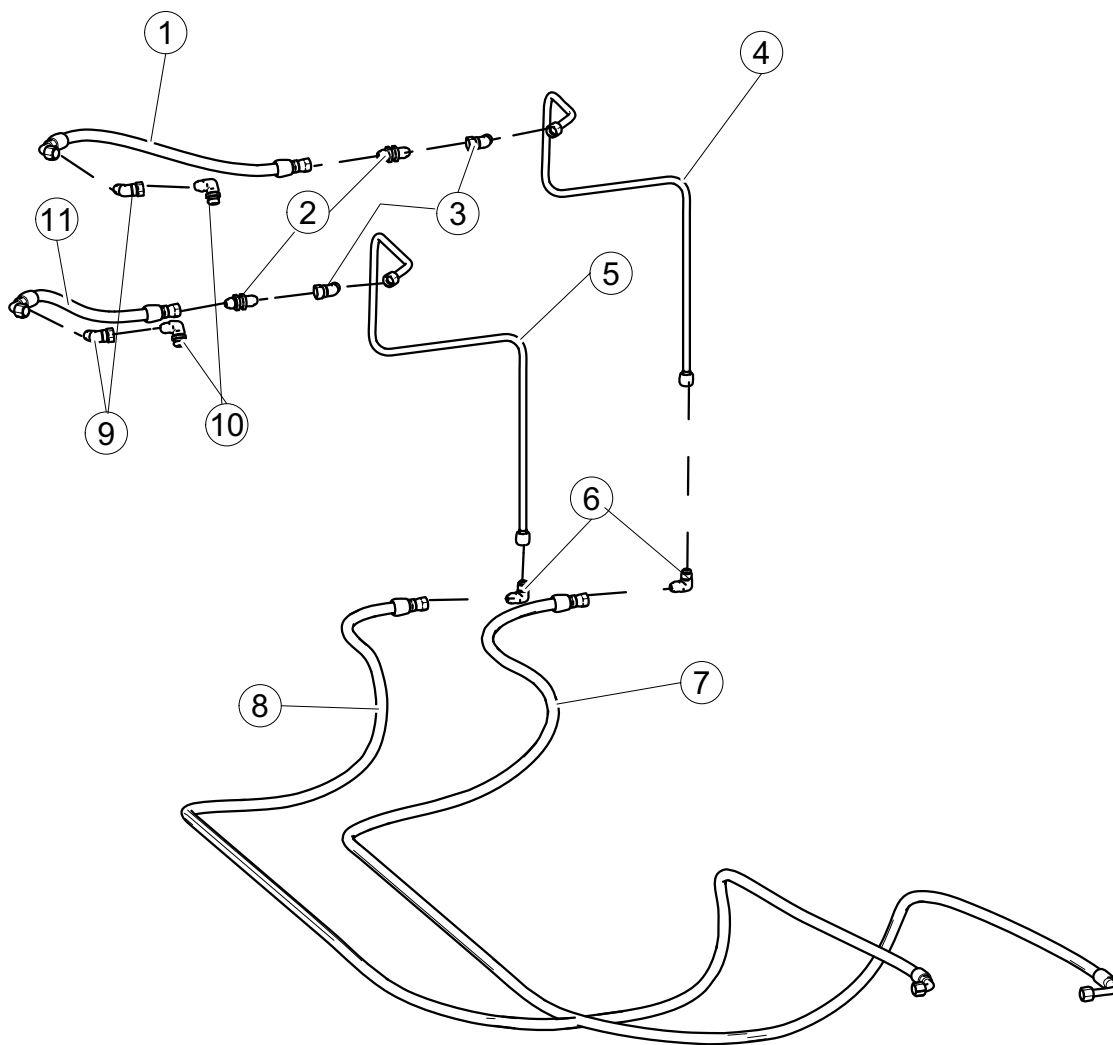
## CRUSHER HYDRAULICS - 40% Panel - L.S.

| REF. NO. | PART NO.    | DESCRIPTION              | QTY. |
|----------|-------------|--------------------------|------|
| 1        | 69979       | PLUG, Orificed           | 1    |
| 2        | 69978       | ADAPTER, Threaded - JIC  | 1    |
|          | 162219      | ADAPTER, Threaded - ORFS | 1    |
| 3        | 71074       | HOSE - JIC               | 1    |
|          | 166265      | HOSE - ORFS              | 1    |
| 4        | HYF05110    | ADAPTER - JIC            | 4    |
|          | HYF05171    | ADAPTER - ORFS           | 4    |
| 5        | HYV02670    | VALVE, Holding           | 1    |
| 6        | 75032       | HOSE - JIC               | 1    |
|          | 166264      | HOSE - ORFS              | 1    |
| 7        | 80641       | HOSE - JIC               | 4    |
|          | 166266      | HOSE - ORFS              | 4    |
| 8        | HYF08000    | ELBOW - JIC              | 3    |
|          | HYF06803    | ELBOW - ORFS             | 3    |
| 9        | HYF08050    | ELBOW - JIC              | 3    |
|          | HYF08051    | ELBOW - ORFS             | 3    |
| 10       | 153367      | TUBE - JIC               | 1    |
|          | 166259      | TUBE - ORFS              | 1    |
| 11       | 153366      | TUBE - JIC               | 1    |
|          | 166258      | TUBE - ORFS              | 1    |
| 12       | 12198       | HOSE -JIC                | 2    |
|          | 166266      | HOSE - ORFS              | 1    |
| 13       | 122804      | HOSE - ORFS              | 1    |
| 14       | HYF04900    | ADAPTER - JIC            | 2    |
|          | HYF04908    | ADAPTER - ORFS           | 2    |
| 15       | HYC00198-02 | CYLINDER                 | 1    |

**SECTION 2**

**CHUTE HYDRAULICS**

---



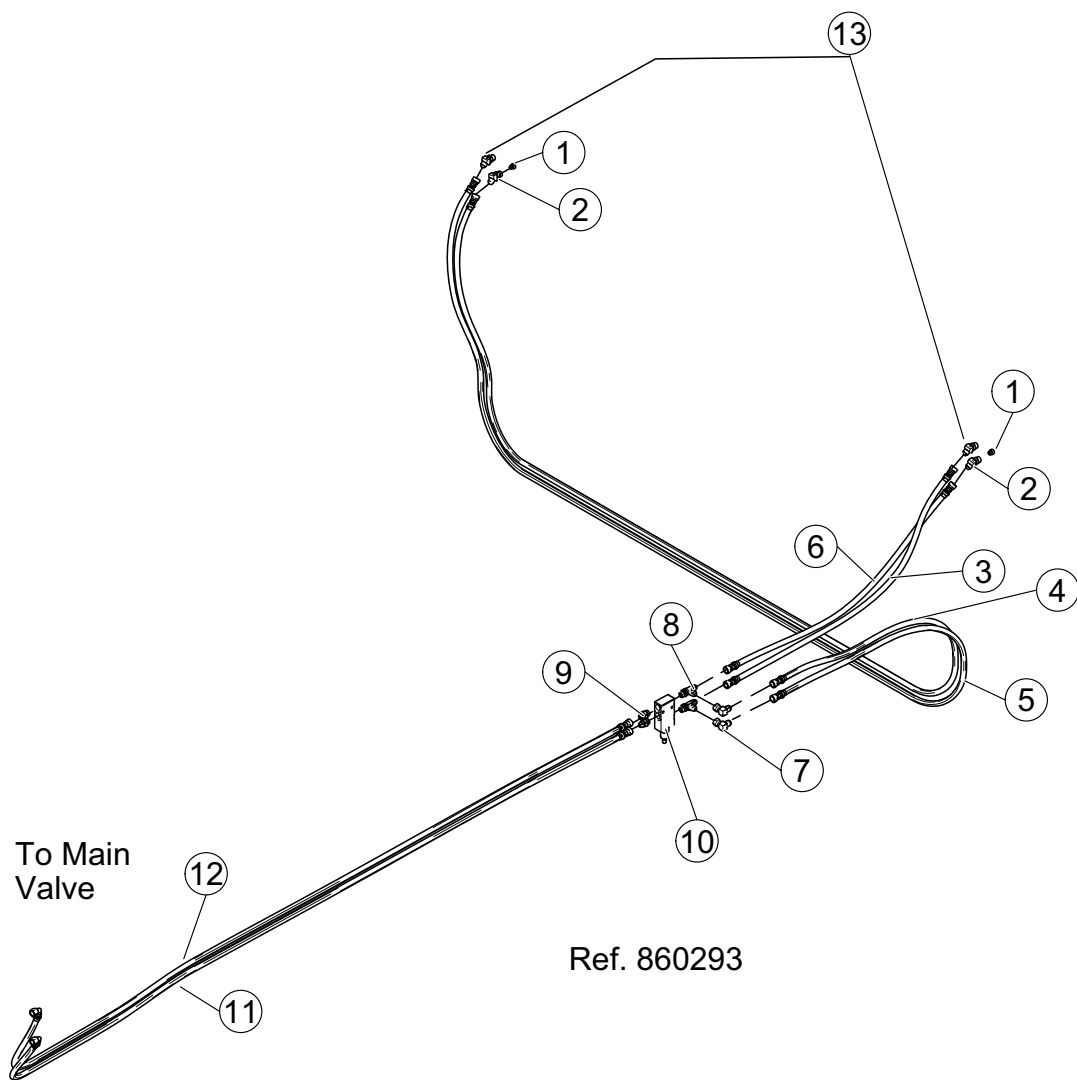
## CHUTE HYDRAULICS

| REF. NO. | PART NO. | DESCRIPTION  | QTY. |
|----------|----------|--------------|------|
| 1        | 38556    | JIC 50/50    | 1    |
|          | 166270   | ORFS 50/50   | 1    |
|          | 51743    | JIC 40/60    | 1    |
|          | 166271   | ORFS 40/60   | 1    |
| 2        | HYF06500 | JIC          | 2    |
|          | HYF04891 | ORFS         | 2    |
| 3        | HYF02925 | JIC          | 2    |
|          | HYF02932 | ORFS         | 2    |
| 4        | 38527    | JIC          | 1    |
|          | 166268   | ORFS         | 1    |
| 5        | 38526    | JIC          | 1    |
|          | 166267   | ORFS         | 1    |
| 6        | HYF06300 | ELBOW JIC    | 2    |
|          | HYF06806 | ELBOW ORFS   | 2    |
| 7        | 77299    | TUBE JIC     | 1    |
|          | 163916   | TUBE ORFS    | 1    |
| 8        | 36370    | TUBE JIC     | 1    |
|          | 163916   | TUBE ORFS    | 1    |
| 9        | HYF02925 | FITTING JIC  | 2    |
|          | HYF02932 | FITTING ORFS | 2    |
| 10       | HYF05125 | ELBOW JIC    | 2    |
|          | HYF05126 | ELBOW ORFS   | 2    |
| 11       | 18415    | HOSE JIC     | 1    |
|          | 166113   | HOSE ORFS    | 1    |

**SECTION 2**

**REAR DR. HYDS, MAIN VALVE TO REAR - Automizer with Helping Hand**

---



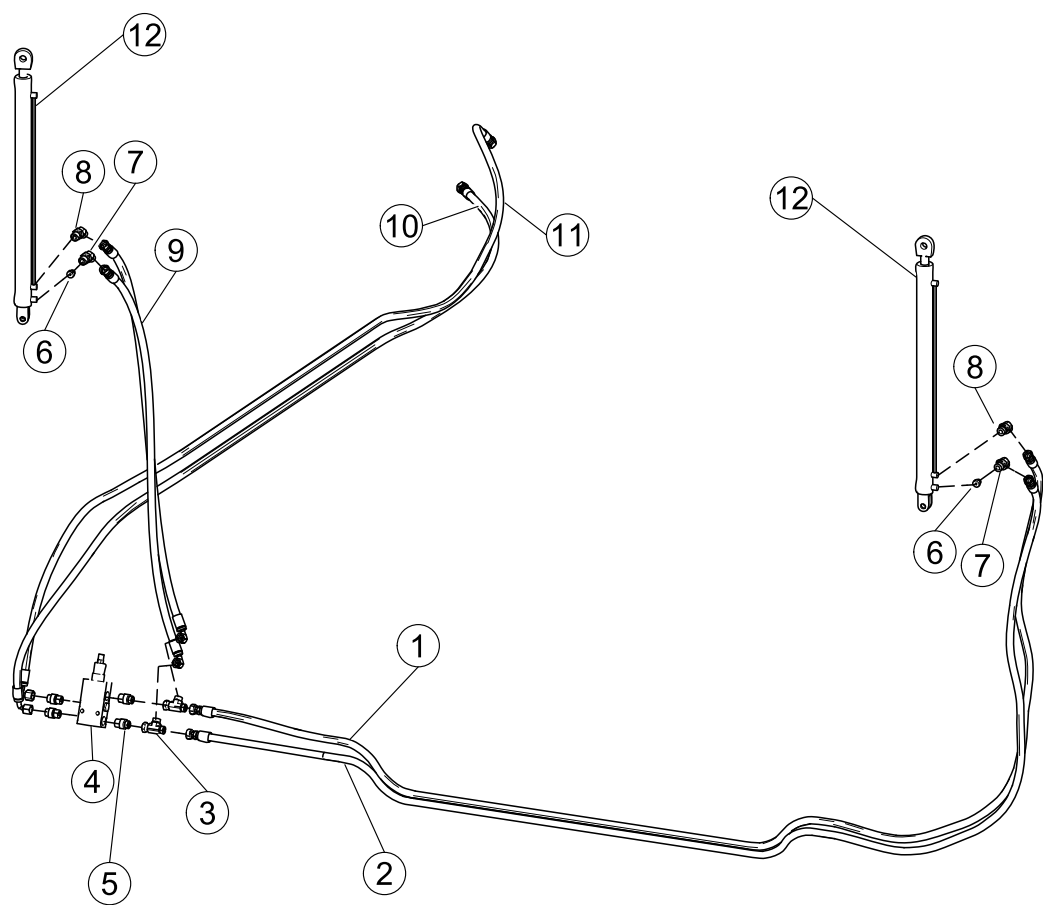
# **REAR DR. HYDS, MAIN VALVE TO REAR -** Automizer with Helping Hand

| REF. NO. | PART NO. | DESCRIPTION     | QTY. |
|----------|----------|-----------------|------|
| 1        | 15358    | PLUG, Orificed  | 2    |
| 2        | 15359    | ELBOW, Threaded | 2    |
| 3        | 89619    | HOSE            | 1    |
| 4        | 89622    | HOSE            | 1    |
| 5        | 89621    | HOSE            | 1    |
| 6        | 89620    | HOSE            | 1    |
| 7        | HYF08000 | ELBOW           | 2    |
| 8        | HYF05645 | TEE             | 2    |
| 9        | HYF05110 | CONNECTOR       | 2    |
| 10       | HYV02670 | VALVE           | 1    |
| 11       | 89623    | HOSE            | 1    |
| 12       | 89624    | HOSE            | 1    |
| 13       | HYF05120 | ELBOW           | 2    |

**SECTION 2**

**REAR DOOR HYDRAULICS - FULL - JIC/ORFS**

---





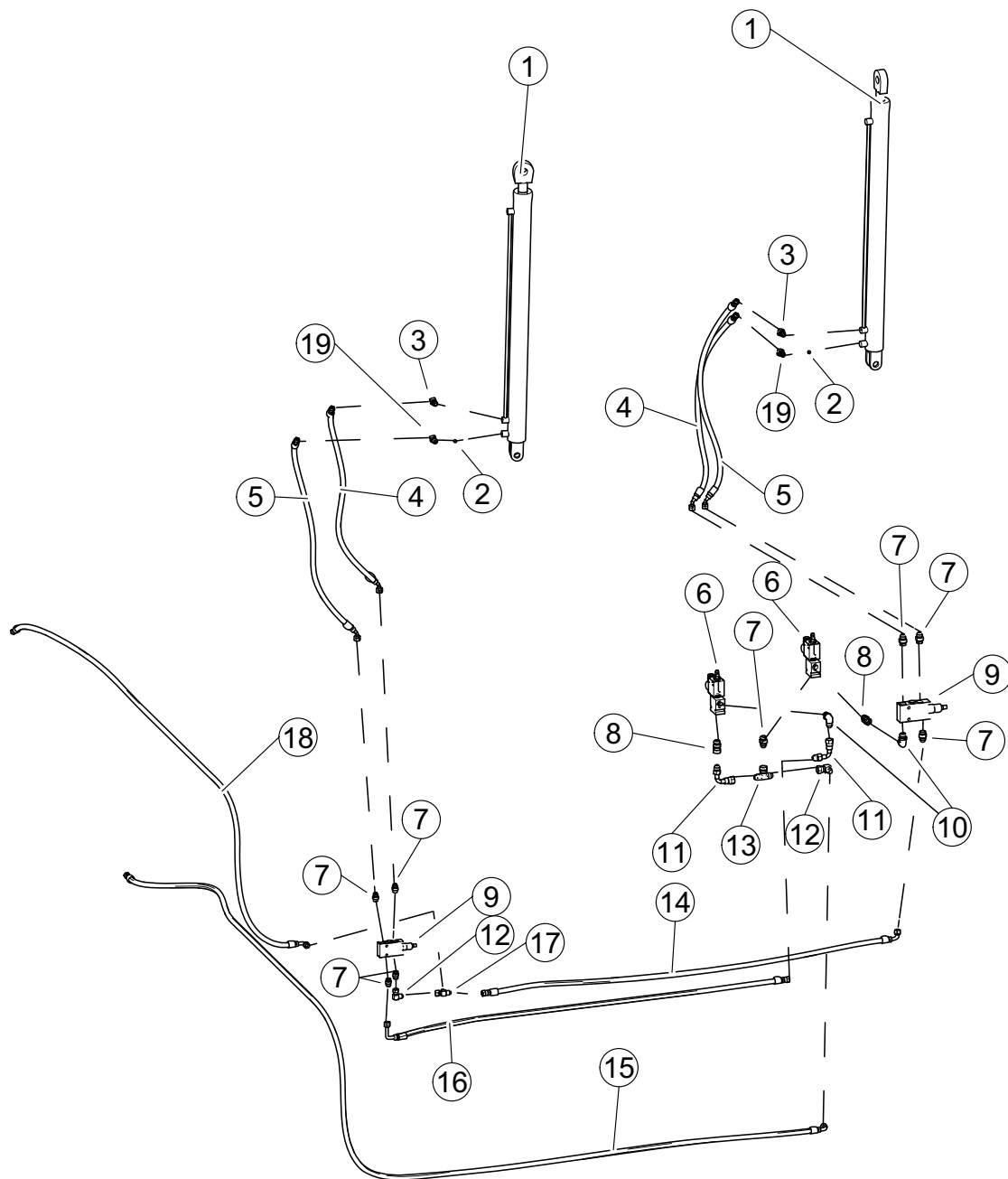
# REAR DOOR HYDRAULICS - FULL - JIC/ORFS

| REF. NO. | PART NO.    | DESCRIPTION             | QTY. |
|----------|-------------|-------------------------|------|
| 1        | 171719      | HOSE - ORFS             | 1    |
|          | 176273      | HOSE - JIC              | 1    |
| 2        | 171718      | HOSE - ORFS             | 1    |
|          | 176272      | HOSE - JIC              | 1    |
| 3        | HYF06098    | TEE - ORFS              | 2    |
|          | HYF05824    | TEE - JIC               | 2    |
| 4        | HYF02670    | VALVE, Holding          | 1    |
| 5        | HYF05176    | ADAPTER - ORFS          | 4    |
|          | HYF04875    | ADAPTER - JIC           | 4    |
| 6        | 15358       | PLUG, Orificed          | 2    |
| 7        | 88729       | ELBOW - Threaded - ORFS | 2    |
|          | 15359       | ELBOW - Threaded - JIC  | 2    |
| 8        | HYF02953    | ELBOW - ORFS            | 2    |
|          | HYF05120    | ELBOW - JIC             | 2    |
| 9        | 171695      | HOSE - ORFS             | 2    |
|          | 176267      | HOSE - JIC              | 2    |
| 10       | 177752      | HOSE - ORFS - 20 YD     | 1    |
|          | 172247      | HOSE - ORFS - 27 YD     | 1    |
|          | 177757      | HOSE - ORFS - 31 YD     | 1    |
| 11       | 177753      | HOSE - JIC - 20 YD      | 1    |
|          | 172246      | HOSE - JIC - 27 YD      | 1    |
|          | 177756      | HOSE - JIC - 31 YD      | 1    |
| 12       | HYC00320-04 | ASSEMBLY, Cylinder      | 2    |

**SECTION 2**

**REAR DOOR HYDRAULICS - SPLIT - JIC**

---



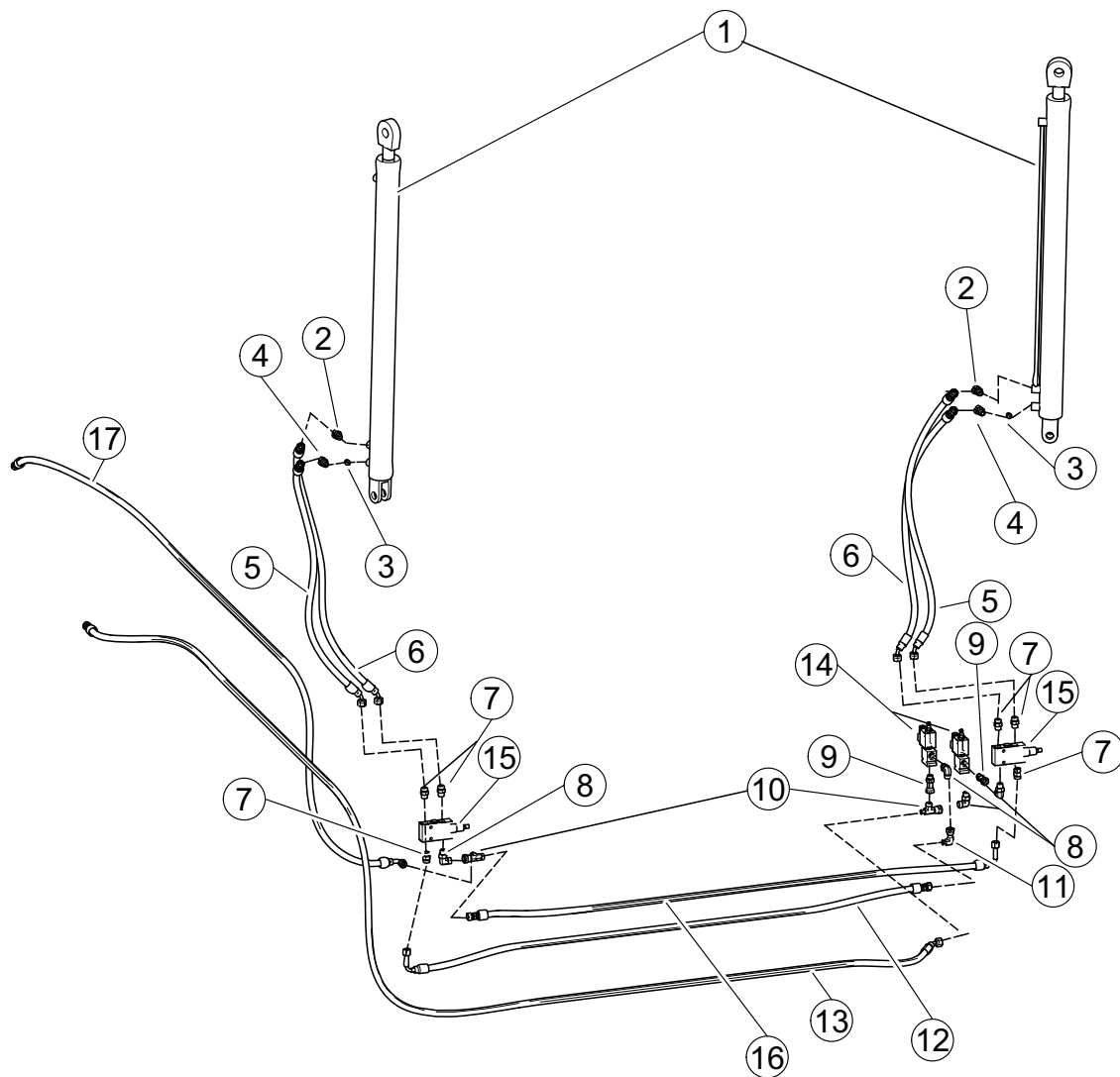
# REAR DOOR HYDRAULICS - SPLIT - JIC

| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | HYC00320 | CYLINDER          | 2    |
| 2        | 15358    | PLUG, Orificed    | 2    |
| 3        | HYF05120 | ELBOW             | 2    |
| 4        | 91024    | HOSE              | 2    |
| 5        | 30327    | HOSE              | 2    |
| 6        | HYV00962 | VALVE, Solenoid   | 2    |
| 7        | HYF05110 | ADAPTER           | 8    |
| 8        | HYF05170 | CONNECTOR         | 2    |
| 9        | HYV02670 | VALVE, Holding    | 2    |
| 10       | HYF05125 | ELBOW             | 2    |
| 11       | HYF08050 | ELBOW             | 2    |
| 12       | HYF08000 | ELBOW             | 2    |
| 13       | HYF08000 | TEE               | 1    |
| 14       | 30334    | HOSE              | 1    |
| 15       | 44609    | HOSE - 20 YD      | 1    |
|          | 82774    | HOSE - 27 YD      | 1    |
|          | 166261   | HOSE - 31 YD      | 1    |
| 16       | 73324    | HOSE              | 1    |
| 17       | HYF05825 | TEE               | 1    |
| 18       | 90048    | HOSE - 20 YD      | 1    |
|          | 90127    | HOSE - 27 YD      | 1    |
|          | 166262   | HOSE - 31 YD      |      |
| 19       | 15359    | ADPATER, Threaded | 2    |

**SECTION 2**

**REAR DOOR HYDRAULICS - SPLIT - ORFS**

---

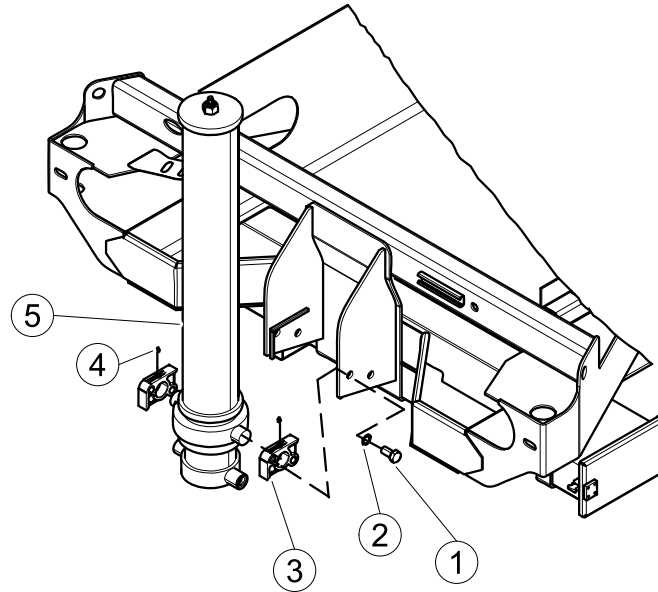


# REAR DOOR HYDRAULICS - SPLIT - ORFS

| REF. NO. | PART NO. | DESCRIPTION     | QTY. |
|----------|----------|-----------------|------|
| 1        | HYC00320 | CYLINDER        | 2    |
| 2        | HYF02955 | ELBOW           | 2    |
| 3        | 15358    | PLUG, Orificed  | 2    |
| 4        | 88264    | ELBOW, Threaded | 2    |
| 5        | 161685   | HOSE            | 2    |
| 6        | 161680   | HOSE            | 2    |
| 7        | HYF05171 | ADAPTER         | 6    |
| 8        | HYF05126 | ELBOW           | 4    |
| 9        | HYF05169 | CONNECTOR       | 2    |
| 10       | HYF06110 | TEE             | 2    |
| 11       | HYF06803 | ELBOW           | 1    |
| 12       | 161683   | HOSE            | 1    |
| 13       | 161682   | HOSE - 20 YD    | 1    |
|          | 161691   | HOSE - 27 YD    | 1    |
|          | 161693   | HOSE - 31 YD    | 1    |
| 14       | HYV00862 | VALVE, Solenoid | 2    |
| 15       | HYV02670 | VALVE, Holding  | 2    |
| 16       | 161683   | HOSE            | 1    |
| 17       | 161684   | HOSE - 20 YD    | 1    |
|          | 161692   | HOSE - 27 YD    | 1    |
|          | 161694   | HOSE - 31 YD    | 10   |

**SECTION 2****BODY TILT CYLINDER MOUNTS**

---



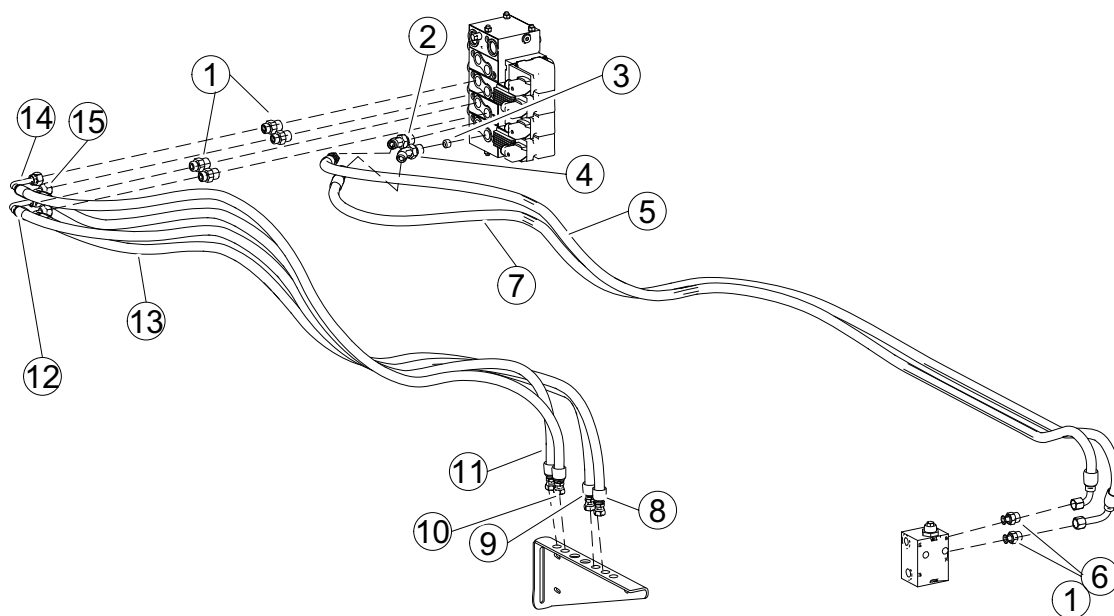
| REF. NO. | PART NO.    | DESCRIPTION                   | QTY. |
|----------|-------------|-------------------------------|------|
| 1        | QUB06570    | BOLT                          | 4    |
| 2        | QUR02116    | WASHER                        | 4    |
| 3        | 80453       | ATTACHMENT BLOCK              | 2    |
| 4        | QUG00200    | FITTING, Grease               | 2    |
| 5        | HYC01425-02 | CYLINDER - 20 YD              | 1    |
|          | HYC01450-02 | CYLINDER - 27 YD              | 1    |
|          | HYC01452    | CYLINDER - 27 YD (Top Ported) | 1    |



**SECTION 2**

# **VALVE TO ARM HYDRAULICS - RH ARMS**

---





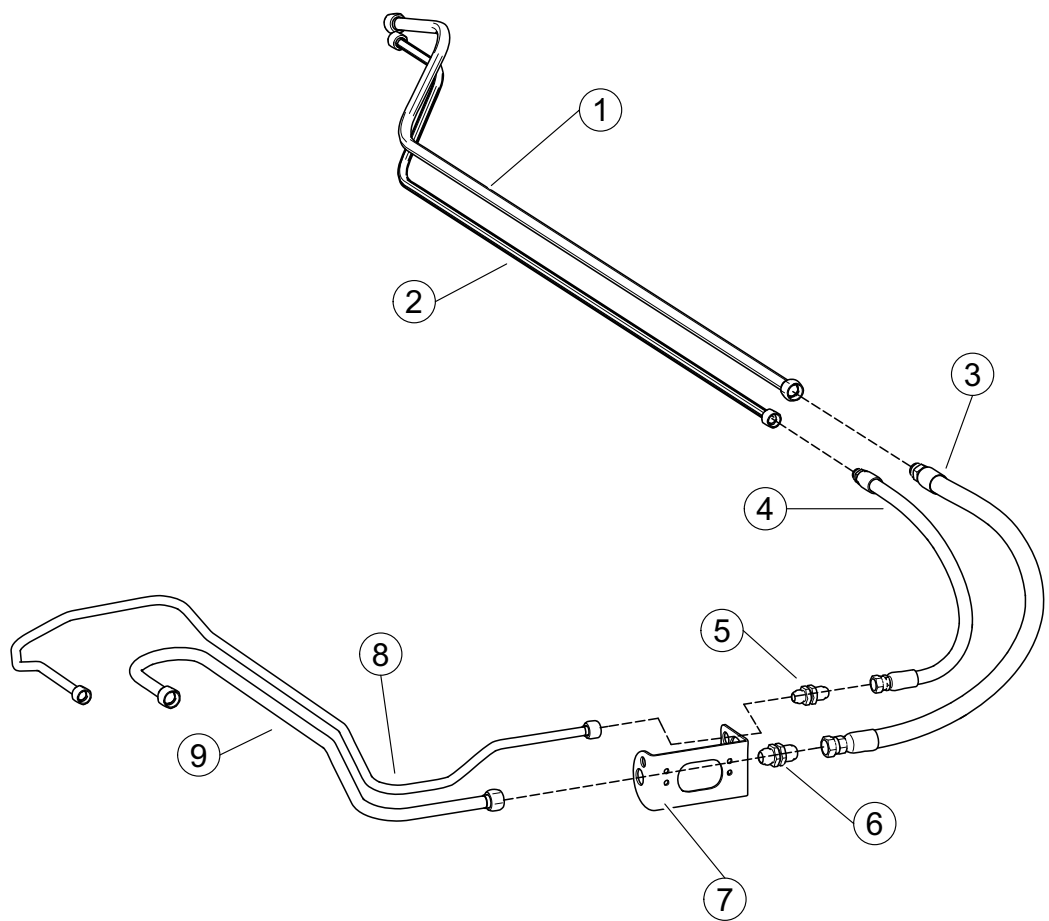
## VALVE TO ARM HYDRAULICS - RH ARMS

| REF. NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1        | HYF04900 | ADAPTER - JIC                      | 6    |
|          | HYF04908 | ADAPTER - ORFS                     | 4    |
| 2        | HYF02960 | ELBOW - JIC                        | 1    |
|          | HYF02970 | ELBOW - ORFS                       | 1    |
| 3        | 150982   | PLUG - Orificed                    | 1    |
| 4        | 150984   | ELBOW - Threaded - JIC             | 1    |
|          | 165257   | ELBOW - Threaded -ORFS             | 1    |
| 5        | 29510    | HOSE - JIC - Std. RH               | 1    |
|          | 154610   | HOSE - JIC - H.D. RH               | 1    |
|          | 155844   | HOSE - ORFS - Std. RH              | 1    |
|          | 154740   | HOSE - ORFS - H.D. RH              | 1    |
| 6        | HYF05171 | ADAPTER - ORFS                     | 2    |
| 7        | 63545    | HOSE - JIC - Std. RH               | 1    |
|          | 154610   | HOSE - JIC - H.D. RH               | 1    |
|          | 155486   | HOSE - ORFS - Std. RH              | 1    |
|          | 154740   | HOSE - ORFS - H.D. RH              | 1    |
| 8        | 154657   | HOSE - ORFS - Std. RH - Full Eject | 1    |
| 9        | 154658   | HOSE - ORFS - Std. RH - Full Eject | 1    |
| 10       | 154655   | HOSE - ORFS - Std. RH - Full Eject | 1    |
| 11       | 154656   | HOSE - ORFS - Std. RH - Full Eject | 1    |
| 12       | 152161   | HOSE - JIC - Std. RH               | 1    |
|          | 161656   | HOSE - ORFS - Std. RH              | 1    |
| 13       | 152162   | HOSE - JIC - Std. RH               | 1    |
|          | 161657   | HOSE - ORFS - Std. RH              | 1    |
| 14       | 152159   | HOSE - JIC - Std. RH               | 1    |
|          | 161654   | HOSE - ORFS - Std. RH              | 1    |
| 15       | 152160   | HOSE - JIC - Std. RH               | 1    |
|          | 161655   | HOSE - ORFS - Std. RH              | 1    |

**SECTION 2**

**ARM VALVE TO REAR BODY PRESS./RTN. HYDS**

---



# ARM VALVE TO REAR BODY PRESS./RTN. HYDS

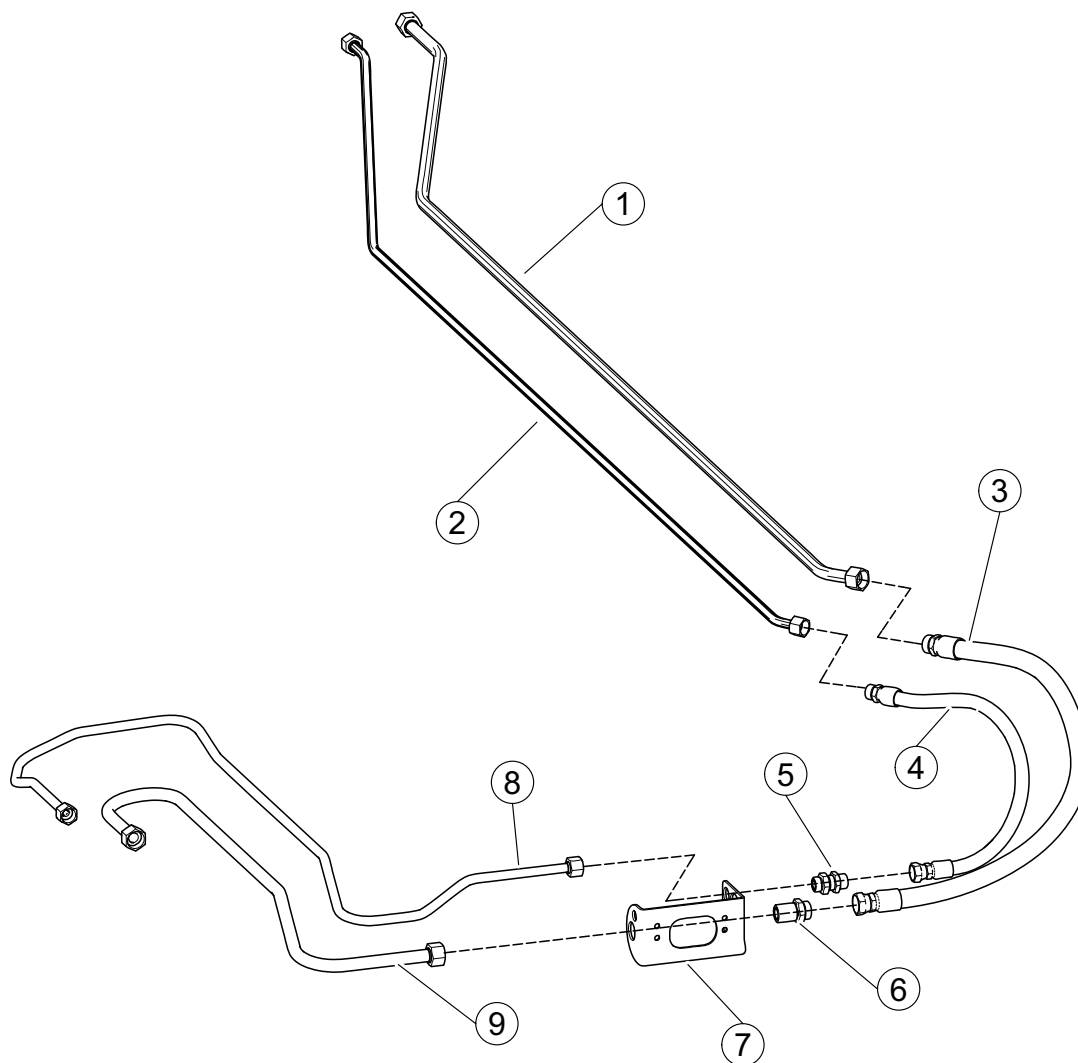
| REF. NO. | PART NO. | DESCRIPTION                | QTY. |
|----------|----------|----------------------------|------|
| 1        | 152396   | TUBE 20 YD - JIC           | 1    |
|          | 161612   | TUBE 20 YD - ORFS          | 1    |
|          | 152126   | TUBE 27 YD - JIC           | 1    |
|          | 161620   | TUBE 27 YD - ORFS          | 1    |
|          | 152093   | TUBE 31 YD - JIC           | 1    |
|          | 161623   | TUBE 31 YD - ORFS          | 1    |
| 2        | 152397   | TUBE 20 D - JIC            | 1    |
|          | 161613   | TUBE 20 YD - ORFS          | 1    |
|          | 152125   | TUBE 27 YD - JIC           | 1    |
|          | 161619   | TUBE 27 YD - ORFS          | 1    |
|          | 152094   | TUBE 31 YD - JIC           | 1    |
|          | 161624   | TUBE 31 YD - ORFS          | 1    |
| 3        | 83775    | HOSE 20, 27 & 31 YD - JIC  | 1    |
|          | 154646   | HOSE 20, 27 & 31 YD - ORFS | 1    |
| 4        | 37339    | HOSE 20, 27 & 31 YD - JIC  | 1    |
|          | 154645   | HOSE 20, 27 & 31 YD - ORFS | 1    |
| 5        | HYF06600 | CONNECTOR, Bulkhead - JIC  | 1    |
|          | HYF08278 | CONNECTOR, Bulkhead - ORFS | 1    |
| 6        | HYF06700 | CONNECTOR, Bulkhead - JIC  | 1    |
|          | HYF04995 | CONNECTOR, Bulkhead - ORFS | 1    |
| 7        | 90064    | BRACKET                    | 1    |
| 8        | 155401   | TUBE 20 & 27 YD - JIC      | 1    |
|          | 161616   | TUBE 20 & 27 YD - ORFS     | 1    |
|          | 163771   | TUBE 31 YD - JIC           | 1    |
|          | 161625   | TUBE 31 YD - ORFS          | 1    |
| 9        | 155400   | TUBE 20 & 27 YD - JIC      | 1    |
|          | 161515   | TUBE 20 & 27 YD - ORFS     | 1    |
|          | 160515   | TUBE 31 YD - JIC           | 1    |
|          | 161621   | TUBE 31 YD - ORFS          | 1    |

**SECTION 2**

**ARM VALVE TO REAR BODY PRESS./RTN. HYDS**

---

FULL EJECTION UNITS ONLY



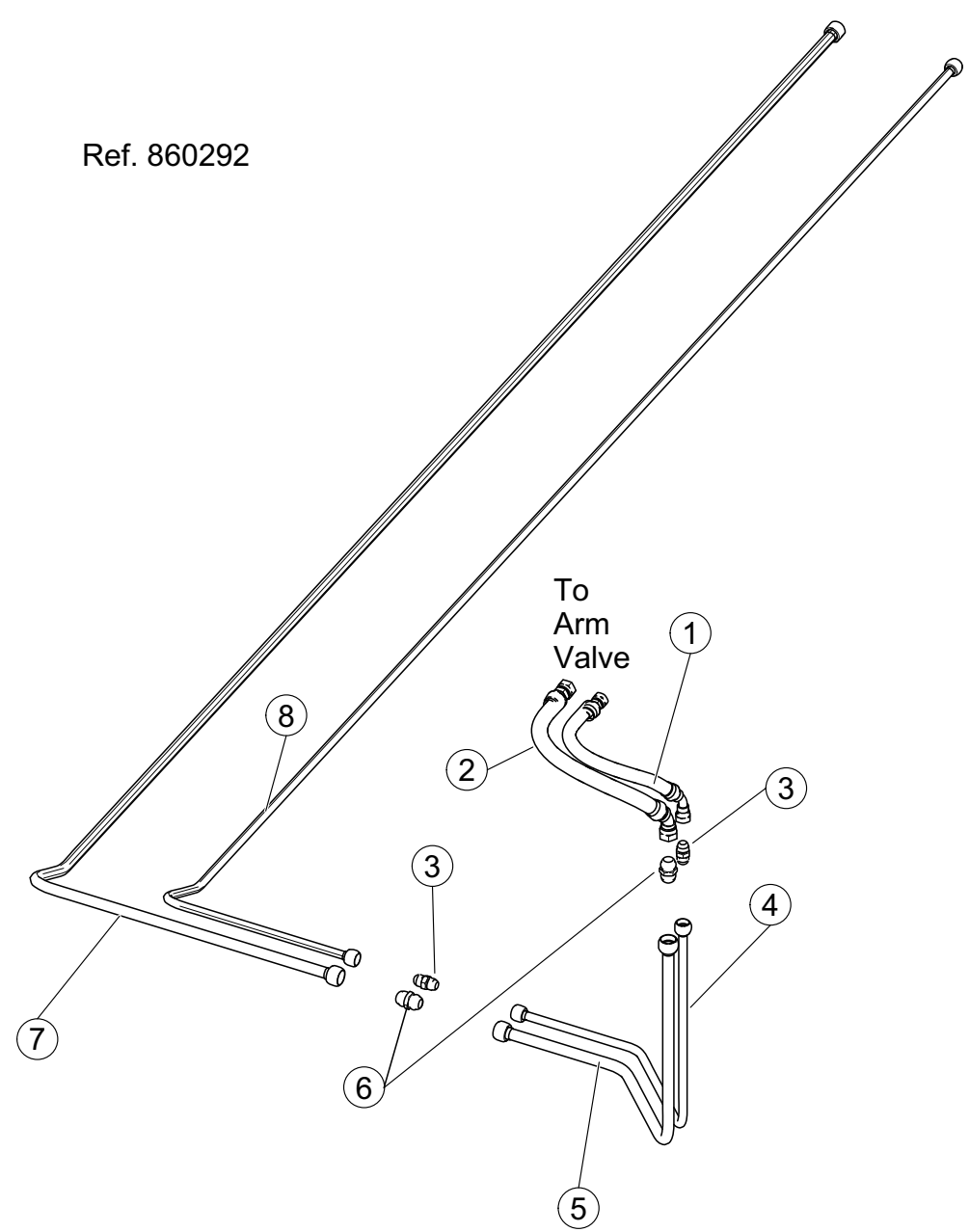
**ARM VALVE TO REAR BODY PRESS./RTN. HYDS**

| REF. NO.                 | PART NO. | DESCRIPTION         | QTY. |
|--------------------------|----------|---------------------|------|
| 1                        | 162067   | TUBE                | 1    |
| 2                        | 162066   | TUBE                | 1    |
| 3                        | 154646   | HOSE                | 1    |
| 4                        | 156645   | HOSE                | 1    |
| 5                        | HYF08278 | CONNECTOR, Bulkhead | 1    |
| 6                        | HYF04995 | CONNECTOR, Bulkhead | 1    |
| 7                        | 154647   | BRACKET             | 1    |
| 8                        | 162116   | TUBE                | 1    |
| 9                        | 162117   | TUBE                | 1    |
| FULL EJECTION UNITS ONLY |          |                     |      |

**SECTION 2**

**ARM VALVE TO REAR BODY - Automizer with Helping Hand Arm**

---



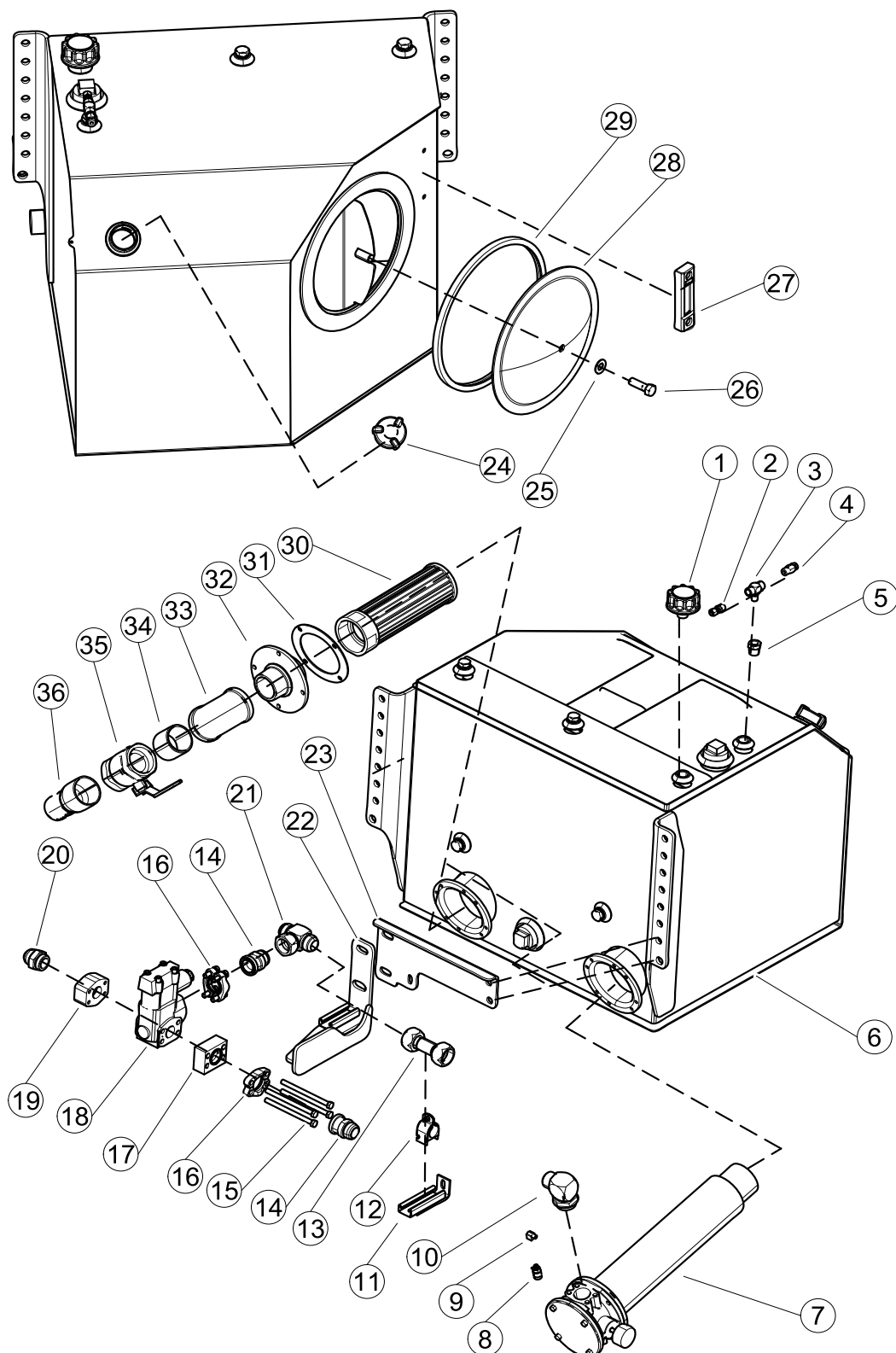
**ARM VALVE TO REAR BODY** - Automizer with Helping Hand Arm

| REF. NO. | PART NO. | DESCRIPTION | QTY. |
|----------|----------|-------------|------|
| 1        | 183740   | HOSE        | 1    |
| 2        | 183741   | HOSE        | 1    |
| 3        | HYF05114 | CONNECTOR   | 2    |
| 4        | 183684   | TUBE        | 1    |
| 5        | 183682   | TUBE        | 1    |
| 6        | HYF05400 | CONNECTOR   | 2    |
| 7        | 183681   | TUBE        | 1    |
| 8        | 183683   | TUBE        | 1    |

## SECTION 2

# OIL RESERVOIR

---



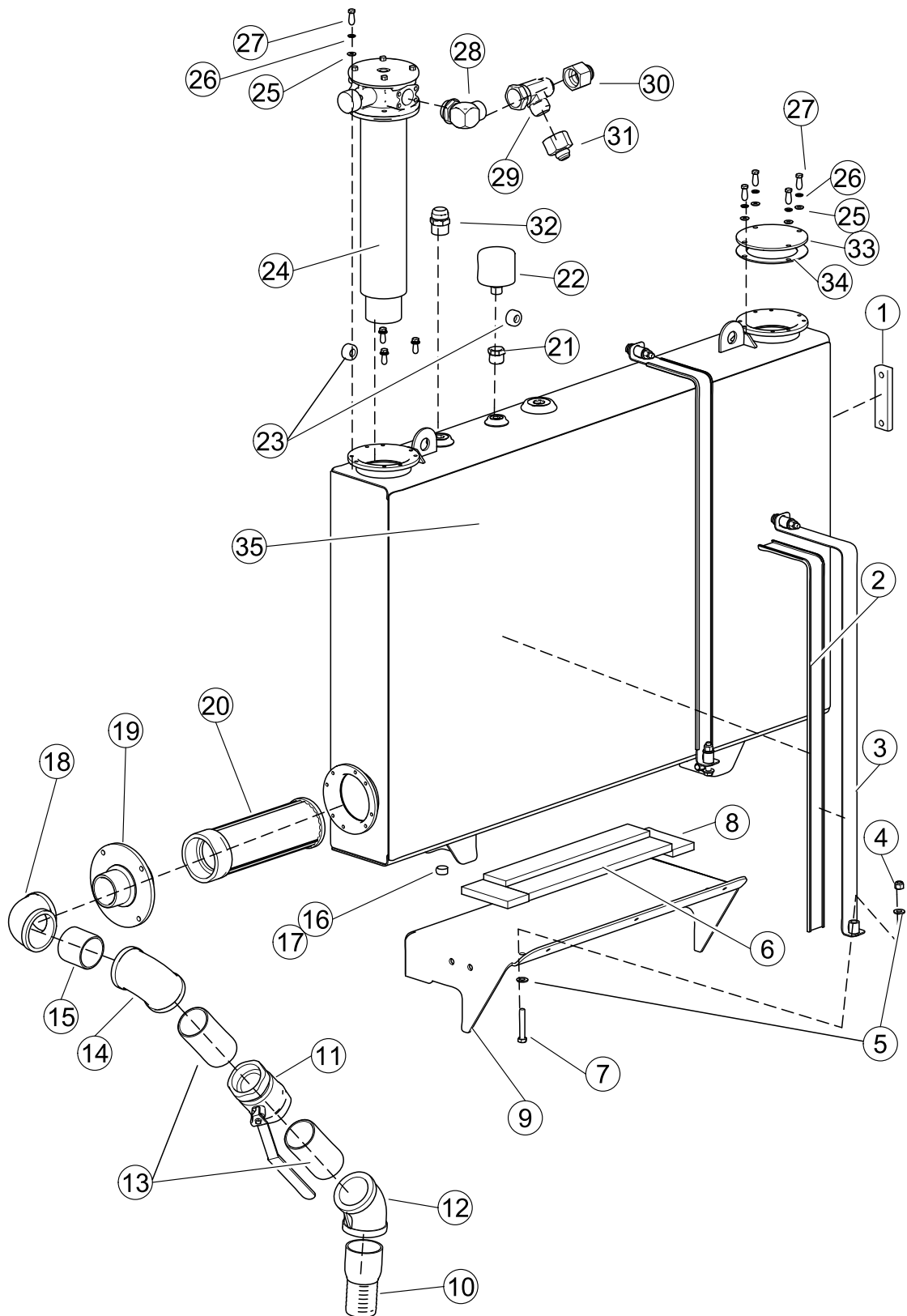


## OIL RESERVOIR

| REF. NO. | PART NO. | DESCRIPTION                                                                   | QTY. |
|----------|----------|-------------------------------------------------------------------------------|------|
| 1        | PNB02100 | CAP, Pressure - 5 psi                                                         | 1    |
| 2        | PNF03300 | CONNECTOR                                                                     | 1    |
| 3        | HYF05680 | TEE                                                                           | 1    |
| 4        | PNS01000 | CONNECTOR                                                                     | 1    |
| 5        | PNF08095 | ADAPTER                                                                       | 1    |
| 6        | 90133    | WELDMENT, Hydraulic Tank - 84 Gallon<br>(Includes Item's 26, 27, 28, 29 & 30) | 1    |
| 7        | HYF20015 | ASSEMBLY, Filter                                                              | 1    |
|          | HYJ01610 | SEAL, Cover - Square                                                          | 1    |
| 8        | PNF07250 | ELBOW                                                                         | 1    |
| 9        | HYF10190 | FITTING, Test                                                                 | 1    |
| 10       | HYF07825 | ELBOW                                                                         | 1    |
| 11       | 12667    | BRACKET                                                                       | 1    |
| 12       | HYS00450 | CLAMP, Tube                                                                   | 1    |
| 13       | 70186    | ASSEMBLY, Tube                                                                | 1    |
| 14       | HYF25210 | ADAPTER                                                                       | 2    |
| 15       | QUB04370 | BOLT                                                                          | 4    |
| 16       | HYF00095 | KIT, Flange                                                                   | 2    |
| 17       | HYS01430 | BLOCK, Orifice                                                                | 1    |
| 18       | HYP01558 | VALVE, Dump                                                                   | 1    |
| 19       | HYS02650 | BLOCK, Threaded                                                               | 1    |
| 20       | HYF05100 | ADAPTER                                                                       | 1    |
| 21       | HYF05820 | TEE                                                                           | 1    |
| 22       | 95506    | BRACKET                                                                       | 1    |
| 23       | 152835   | BRACKET                                                                       | 1    |
| 24       | CIB00080 | CAP - Brass - Solid                                                           | 1    |
| 25       | HYV02300 | WASHER - Sealing                                                              | 1    |
| 26       | QUB05200 | BOLTT                                                                         | 1    |
| 27       | HYJ00150 | GAUGE, Oil Level                                                              | 1    |
| 28       | HYV02200 | COVER, Clean Out                                                              | 1    |
| 29       | HYV02250 | SEAL, Clean Out                                                               | 1    |
| 30       | HYF15675 | STRAINER                                                                      | 1    |
| 31       | HYF20025 | SEAL, Strainer                                                                | 1    |
| 32       | 26934    | ADAPTER. Flange                                                               | 1    |
| 33       | HYF13150 | ELBOW                                                                         | 1    |
| 34       | HYF13185 | NIPPLE                                                                        | 1    |
| 35       | HYV01850 | VALVE, Ball                                                                   | 1    |
| 36       | HYF14050 | NIPPLE, King                                                                  | 1    |

**SECTION 2**

**OIL RESERVOIR - Full Eject - AU14116NIA & Above**

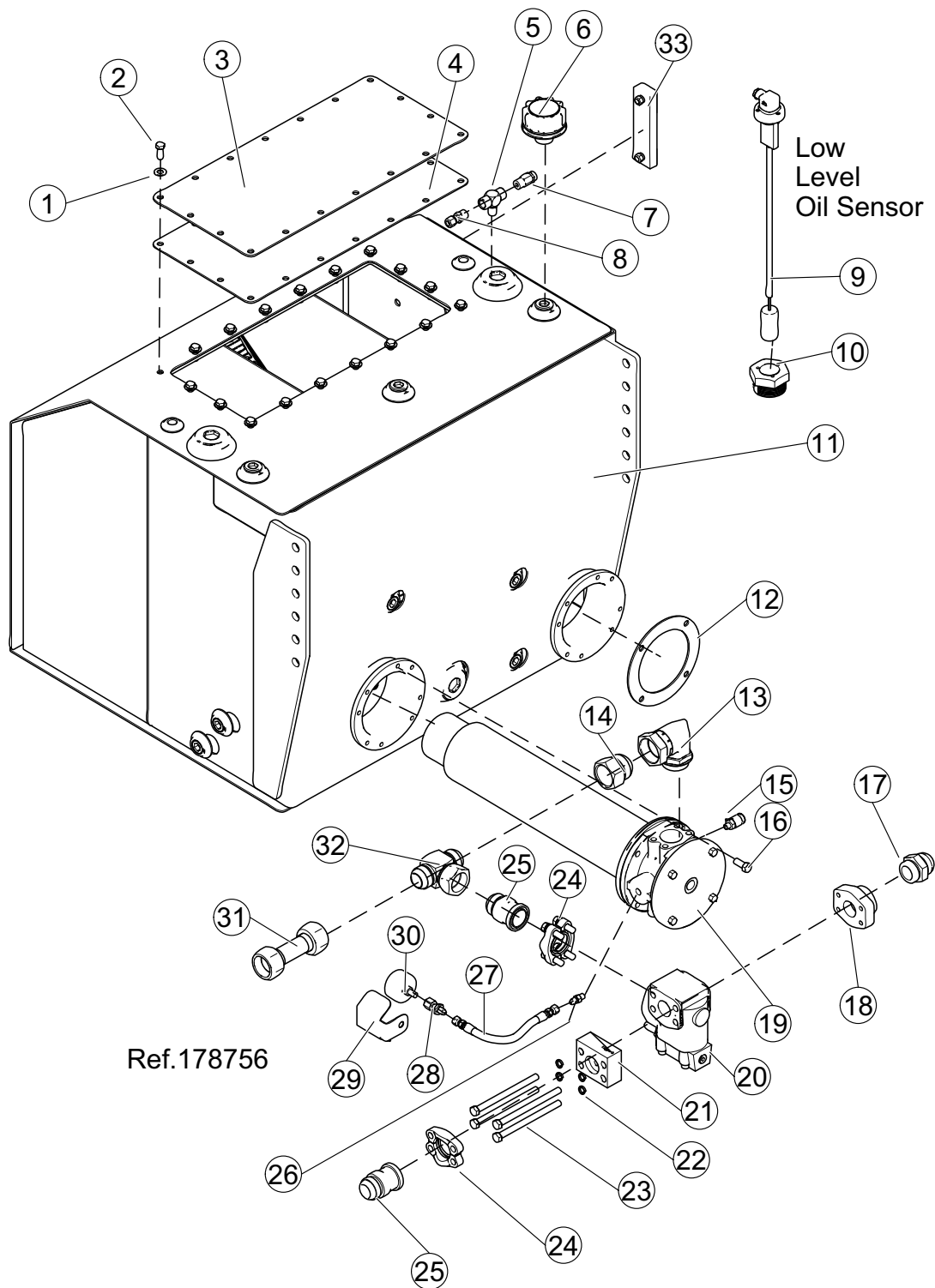


## OIL RESERVOIR - Full Eject - AU14116NIA &amp; Above

| REF. NO. | PART NO. | DESCRIPTION             | QTY.        |
|----------|----------|-------------------------|-------------|
| 1        | HYJ00150 | GAUGE, SIGHT            | 1           |
| 2        | CII00110 | GUARD, Strap - Rubber   | PER<br>FOOT |
| 3        | 179825   | STRAP, Hold Down        | 2           |
| 4        | QUE01500 | NUT                     | 4           |
| 5        | QUR01912 | WASHER                  | 8           |
| 6        | CIC01985 | PAD                     | 2           |
| 7        | QUB04828 | BOLT                    | 4           |
| 8        | CIC01975 | PAD                     | 2           |
| 9        | 179813   | BRACKET, Frame          | 1           |
| 10       | HYF14050 | NIPPLE, Hose            | 1           |
| 11       | HYV01850 | VALVE, Ball             | 1           |
| 12       | HYF12830 | ELBOW                   | 1           |
| 13       | HYF13188 | NIPPLE, Pipe            | 2           |
| 14       | HYF03150 | ELBOW                   | 1           |
| 15       | HYF13185 | NIPPLE, Pipe            | 1           |
| 16       | CIJ00455 | SENSOR, Oil Temp.       | 1           |
| 17       | HYF01895 | ADAPTER                 | 1           |
| 18       | HYF13150 | ELBOW                   | 1           |
| 19       | 26934    | FLANGE                  | 1           |
| 20       | HYF15675 | STRAINER                | 1           |
| 21       | HYF08400 | REDUCER                 | 1           |
| 22       | HYB00730 | FILTER, Filler/Breather | 1           |
| 23       | QUB01300 | BUMPER, Rubber          | 3           |
| 24       | HYF20014 | ASSY, FILTER            | 1           |
| 25       | QUR01902 | WASHER                  | 8           |
| 26       | QUR01272 | WASHER                  | 8           |
| 27       | QUB03501 | BOLT                    | 8           |
| 28       | HYF07830 | ELBOW                   | 1           |
| 29       | HYF28070 | TEE                     | 1           |
| 30       | HYF02165 | ADAPTER                 | 1           |
| 31       | HYF02164 | ADAPTER                 | 1           |
| 32       | HYF02300 | ADAPTER                 | 1           |
| 33       | 86238    | COVER                   | 1           |
| 34       | HYF20025 | SEAL                    | 1           |
| 35       | 176850   | WELDMENT, Reservoir     | 1           |

**SECTION 2**

**OIL RESERVOIR - Automizer with Helping Hand Arm**

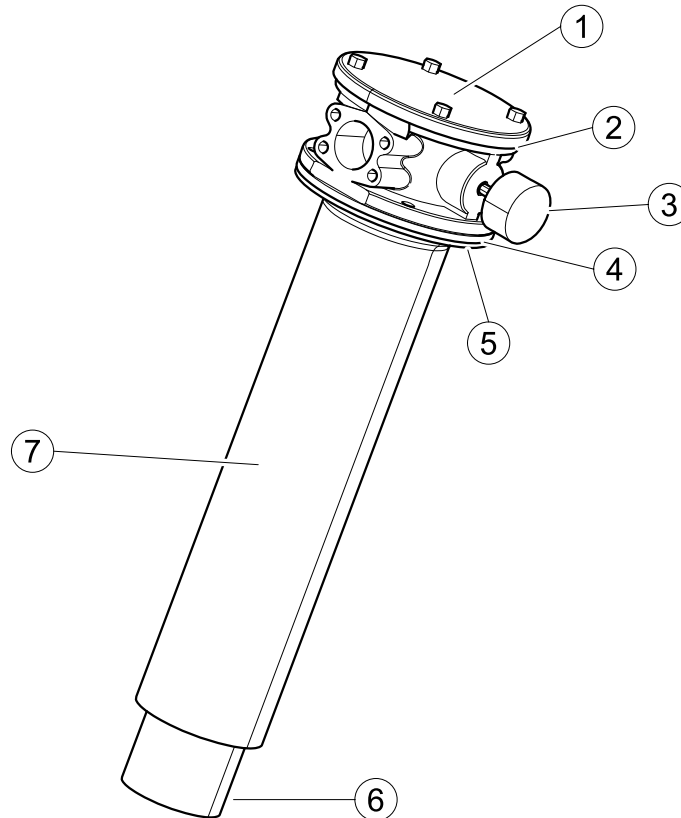


## OIL RESERVOIR - Automizer with Helping Hand Arm

| REF. NO. | PART NO.    | DESCRIPTION                                 | QTY. |
|----------|-------------|---------------------------------------------|------|
| 1        | QUR01555    | WASHER                                      | 18   |
| 2        | QUB03401    | BOLT                                        | 18   |
| 3        | 178381      | COVER                                       | 1    |
| 4        | 178383      | GASKET                                      | 1    |
| 5        | HYF05680    | TEE                                         | 1    |
| 6        | HYB00720    | CAP, Filler\Breather - 5 PSI                | 1    |
| 7        | PNS01000    | VALVE, Safety                               | 1    |
| 8        | PNF03300    | CONNECTOR                                   | 1    |
| 9        | 31110       | SENSOR, Low Oil                             | 1    |
| 10       | 97680       | ADAPTER                                     | 1    |
| 11       | 178376      | WELDMENT, Reservoir - with cover & gasket   | 1    |
| 12       | HYF20025    | GASKET                                      | 1    |
| 13       | HYF07828    | ELBOW                                       | 1    |
| 14       | HYF02166    | ADAPTER                                     | 1    |
| 15       | HYF10190    | COUPLER, Oil Test                           | 1    |
| 16       | QUB04205    | BOLT                                        | 4    |
| 17       | HYF05100    | ADAPTER                                     | 1    |
| 18       | HYS02650    | ADAPTER, Flange 1.25 x 20 SAE Female Thread | 1    |
| 19       | HYF20013-01 | ASSEMBLY, Filter - 3 Micron - Complete      | 1    |
| 20       | HYP01557    | VALVE, DUMP                                 | 1    |
| 21       | HYP01430    | BLOCK, Orificed - 45 GPM                    | 1    |
| 22       | QUR01280    | WASHER                                      | 4    |
| 23       | QUB04370    | BOLT                                        | 4    |
| 24       | HYF00095    | ASSEMBLY, Split Flange - 1.250 - Code 61    | 2    |
| 25       | HYF25210    | ADAPTER                                     | 2    |
| 26       | HYF00900    | ADAPTER                                     | 1    |
| 27       | 180309      | HOSE                                        | 1    |
| 28       | HYF19950    | CONNECTOR                                   | 1    |
| 29       | 152963      | GUARD                                       | 1    |
| 30       | HYJ01050    | GAGE, Indicator                             | 1    |
| 31       | 70186       | TUBE                                        | 1    |
| 32       | HYF05820    | TEE                                         | 1    |
| 33       | HYJ00150    | LEVEL GAGE                                  | 1    |

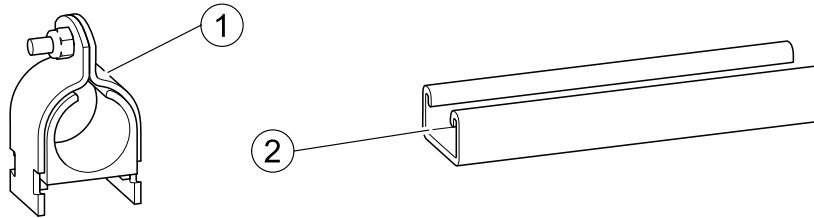
**SECTION 2****RETURN FILTER - HYF20014 and HYF20013-01**

---



| REF. NO. | PART NO.    | DESCRIPTION                                 | QTY. |
|----------|-------------|---------------------------------------------|------|
| 1        | HYF20016    | COVER (Includes 25 PSI Bypass)              | 1    |
| 2        | HYF20017    | O-RING (Located under Cover)                | 1    |
| 3        | HYJ01050    | GAUGE                                       | 1    |
| 4        | HYJ01610    | O-RING (Square - Housing to Canister)       | 1    |
| 5        | HYF20025    | GASKET (Flat - Canister to Tank Flange)     | 1    |
| 6        | HYF20018    | VALVE, Bypass (Located on Bottom of Filter) | 1    |
| 7        | HYF20014-01 | ASSEMBLY, Filter - Complete - 5 micron      | 1    |
|          | HYF20030-02 | ELEMENT, Replacement - 10 Micron            | 1    |
|          | HYF20029    | ELEMENT, Replacement - 5 Micron - Std       | 1    |
|          | HYF20034    | ELEMENT, Replacement - 3 Micron             | 1    |
|          | HYF20013-01 | ASSEMBLY, Filter - Complete - 3 Micron1     |      |

## CLAMPS and ACCESSORIES



| REF. NO. | PART NO. | DESCRIPTION              | QTY. |
|----------|----------|--------------------------|------|
| 1        | HYS00150 | TUBE or HOSE O.D. =.38"  | A/R  |
|          | HYS00200 | TUBE or HOSE O.D. =.50"  | A/R  |
|          | HYS00250 | TUBE or HOSE O.D. =.62"  | A/R  |
|          | HYS00300 | TUBE or HOSE O.D. =.75"  | A/R  |
|          | HYS00305 | TUBE or HOSE O.D. =1.05" | A/R  |
|          | HYS00400 | TUBE or HOSE O.D. =1.00" | A/R  |
|          | HYS00425 | TUBE or HOSE O.D. =1.12" | A/R  |
|          | HYS00450 | TUBE or HOSE O.D. =1.25" | A/R  |
|          | HYS00453 | TUBE or HOSE O.D. =1.38" | A/R  |
|          | HYS00455 | TUBE or HOSE O.D. =1.50" | A/R  |
|          | HYS00460 | TUBE or HOSE O.D. =.84"  | A/R  |
|          | HYS00490 | TUBE or HOSE O.D. =1.62" | A/R  |
|          | HYS00500 | TUBE or HOSE O.D. =1.75" | A/R  |
|          | HYS00550 | TUBE or HOSE O.D. =2.00" | A/R  |
|          | HYS00560 | TUBE or HOSE O.D. =2.50" | A/R  |
|          | HYS00565 | TUBE or HOSE O.D. =3.12" | A/R  |
|          | HYS00566 | TUBE or HOSE O.D. =3.62" | A/R  |
| 2        | HYS00570 | CLAMP, Rail - 10 Foot    | A/R  |

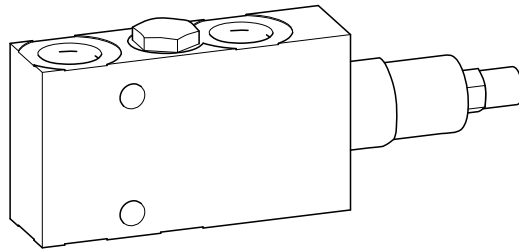






**SECTION 3****HOLDING VALVE - HYV02670**

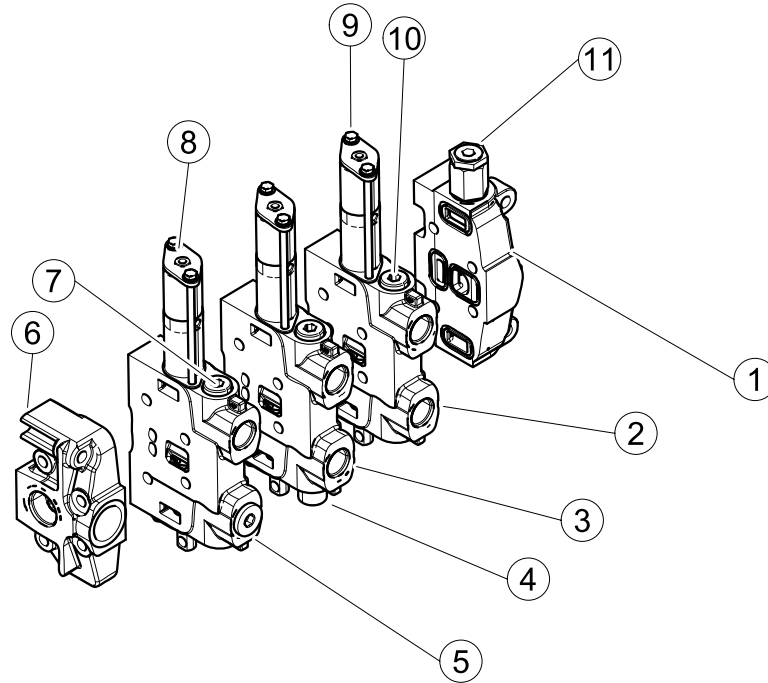
---



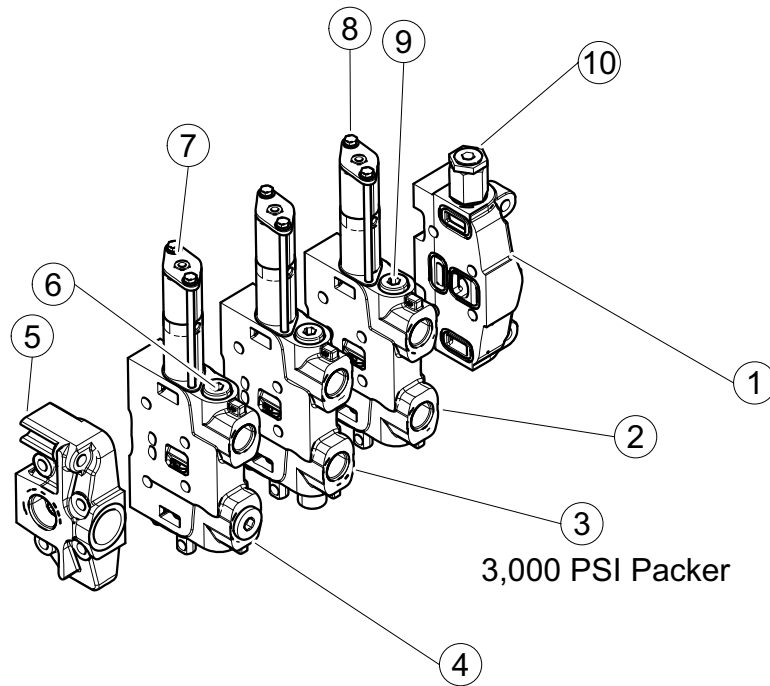
| REF. NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
|          | HYV02670 | ASSEMBLY, Holding Valve - Complete | 1    |

---

# CONTROL VALVE HYV05120 - Air Actuated

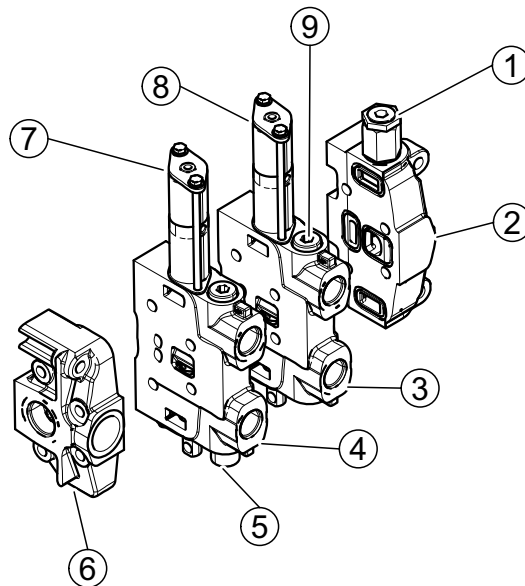


| REF. NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1        | HYV05111 | SECTION, Inlet                     | 1    |
| 2        | HYV05121 | SECTION, Tailgate Lift             | 1    |
| 3        | HYV05122 | SECTION, Packer                    | 1    |
| 4        | HYV05719 | CARTRIDGE, Relief - 1,500 PSI      | 1    |
| 5        | HYV05123 | SECTION, Body Hoist                | 1    |
| 6        | HYV05113 | SECTION, Outlet                    | 1    |
| 7        | HYV05718 | CARTRIDGE, Relief - 1,700 PSI      | 1    |
| 8        | HYA00120 | ACTUATOR, Air - Pack or Body Hoist | 2    |
| 9        | HYA00122 | ACTUATOR, Air - Tailgate Lift      | 1    |
| 10       | HYV05115 | CARTRIDGE, Velocity Fuse           | 1    |
| 11       | HYV05702 | CARTRIDGE, Main Relief - 3,000 PSI | 1    |
|          | HYV05120 | ASSEMBLY, Valve - Complete         | 1    |
|          | HYJ04104 | KIT, Section Seal                  | 3    |
|          | HYJ04108 | KIT, Spool Seal                    | A/R  |
|          | HYV02887 | Spool Dust Boot                    | A/R  |
|          | HYV05732 | KIT, Stud - 3 Section              | 1    |

**SECTION 3****CONTROL VALVE HYV05197 - Air Actuated**

| REF. NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1        | HYV05111 | SECTION, Inlet                     | 1    |
| 2        | HYV05138 | SECTION, Tailgate Lift             | 1    |
| 3        | HYV05209 | SECTION, Packer                    | 1    |
| 4        | HYV05123 | SECTION, Body Hoist                | 1    |
| 5        | HYV05113 | SECTION, Outlet                    | 1    |
| 6        | HYV05718 | CARTRIDGE, Relief - 1,700 PSI      | 1    |
| 7        | HYA00120 | ACTUATOR, Air - Pack or Body Hoist | 2    |
| 8        | HYA00122 | ACTUATOR, Air - Tailgate Lift      | 1    |
| 9        | HYV05115 | CARTRIDGE, Velocity Fuse           | 1    |
| 10       | HYV05702 | CARTRIDGE, Main Relief - 3,000 PSI | 1    |
| 11       | HYV05197 | ASSEMBLY, Valve - Complete         | 1    |
|          | HYJ04104 | KIT, Section Seal                  | 3    |
|          | HYJ04108 | KIT, Spool Seal                    | A/R  |
|          | HYV05732 | KIT, Stud 3 Section                | 1    |
|          | HYV02887 | Spool Dust Boot                    | A/R  |

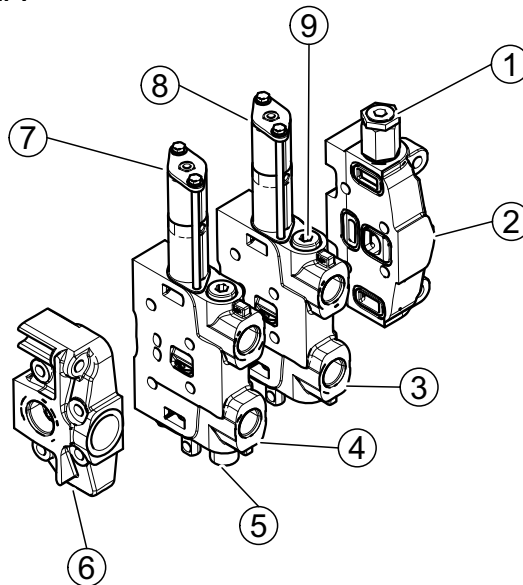
## CONTROL VALVE - Air Actuated - Full Eject Unit



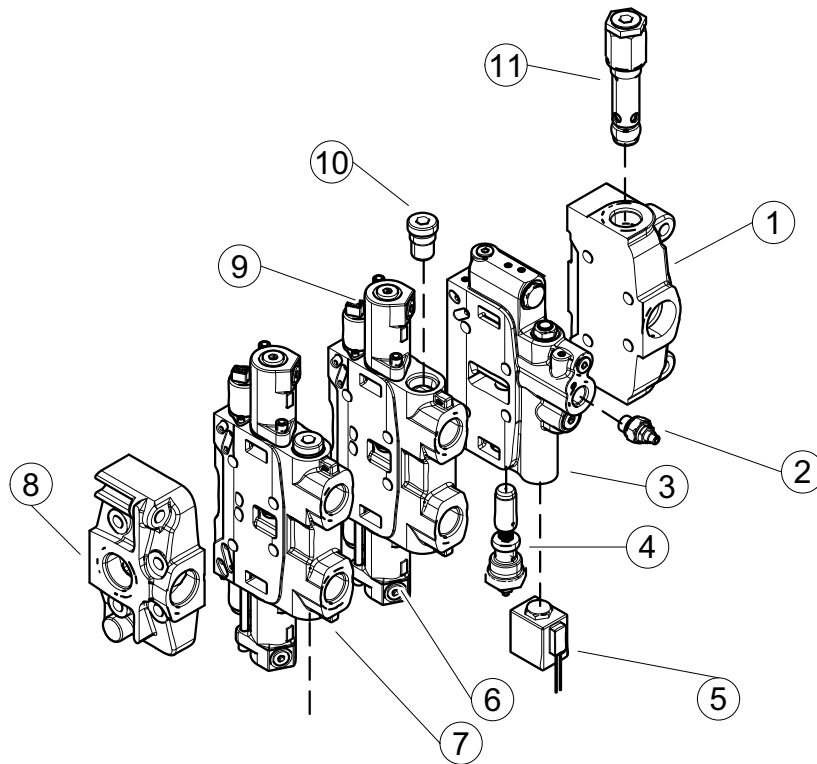
| REF. NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1        | HYV05702 | CARTRIDGE, Main Relief - 3,000 PSI | 1    |
| 2        | HYV05111 | SECTION, Inlet                     | 1    |
| 3        | HYV05121 | SECTION, Tailgate Lift             | 1    |
| 4        | HYV05122 | SECTION, Packer                    | 1    |
| 5        | HYV05719 | CARTRIDGE, Relief - 1,500 PSI      | 1    |
| 6        | HYV05113 | SECTION, Outlet                    | 1    |
| 7        | HYA00120 | ACTUATOR, Air - Packer             | 1    |
| 8        | HYA00122 | ACTUATOR, Air - Tailgate Lift      | 1    |
| 9        | HYV05115 | CARTRIDGE, Velocity Fuse           | 1    |
|          | HYV05169 | ASSEMBLY, Valve - Complete         | 1    |
|          | HYJ04104 | KIT, Section Seal                  | 2    |
|          | HYV05733 | KIT, Stud - 2 Section              | 1    |
|          | HYV02887 | Spool Dust Boot                    | A/R  |

**SECTION 3****CONTROL VALVE - Air Actuated - Full Eject Unit**

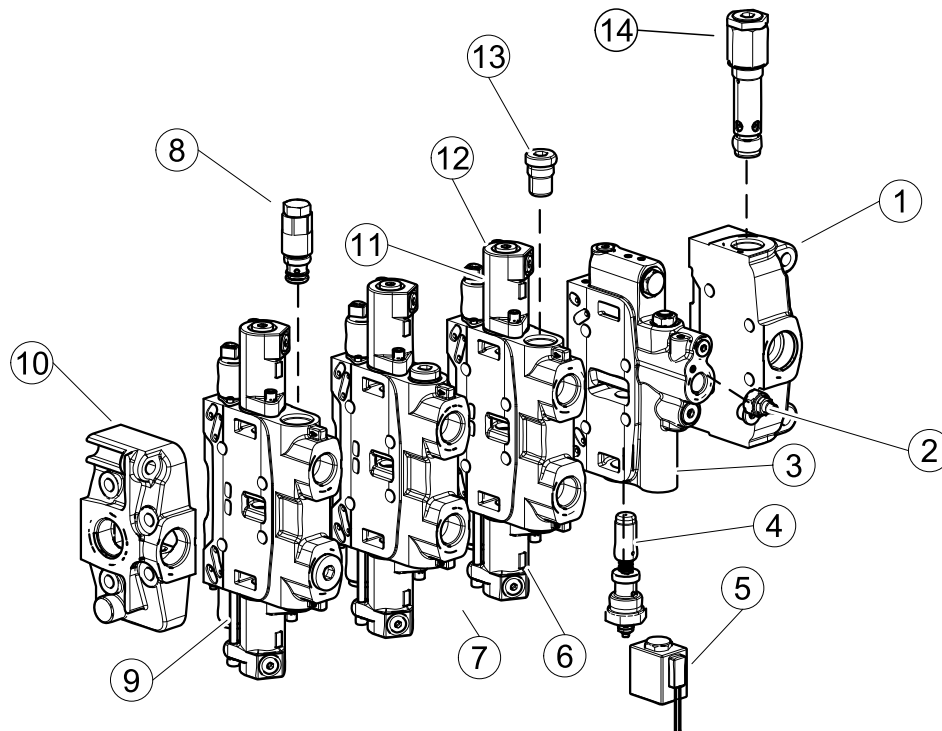
Used on Full Ejection  
Units AU14116NIA  
and After



| REF. NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1        | HYV05702 | CARTRIDGE, Main Relief - 3,000 PSI | 1    |
| 2        | HYV05111 | SECTION, Inlet                     | 1    |
| 3        | HYV05209 | SECTION, Tailgate Lift             | 1    |
| 4        | HYV05714 | SECTION, Packer                    | 1    |
| 5        | HYV05719 | CARTRIDGE, Relief - 1,500 PSI      | 1    |
| 6        | HYV05113 | SECTION, Outlet                    | 1    |
| 7        | HYA00120 | ACTUATOR, Air - Packer             | 1    |
| 8        | HYA00122 | ACTUATOR, Air - Tailgate Lift      | 1    |
| 9        | HYV05115 | CARTRIDGE, Velocity Fuse           | 1    |
|          | HYV05205 | ASSEMBLY, Valve - Complete         | 1    |
|          | HYJ04104 | KIT, Section Seal                  | 2    |
|          | HYV05733 | KIT, Stud - 2 Section              | 1    |
|          | HYV02887 | Spool Dust Boot                    | A/R  |

**CONTROL VALVE - Electric Actuated -HYV05206**

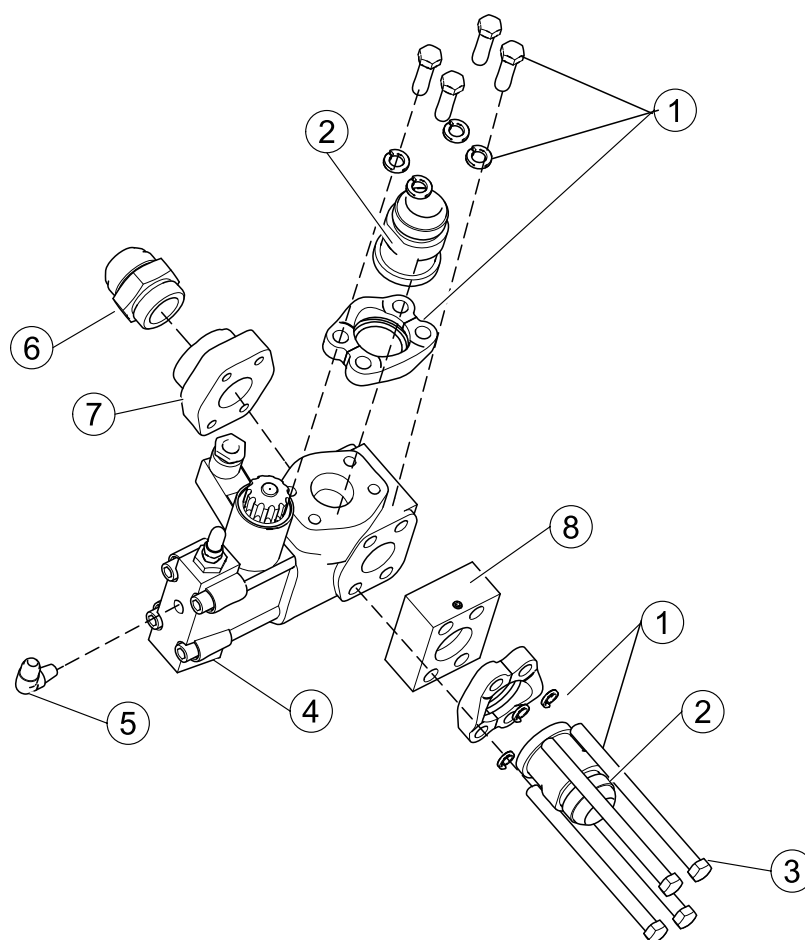
| REF. NO. | PART NO.    | DESCRIPTION                               | QTY. |
|----------|-------------|-------------------------------------------|------|
| 1        | HYV05111    | SECTION, Inlet                            | 1    |
| 2        | HYV05706    | CARTRIDGE, Pressure Reducer               | 1    |
| 3        | HYV05101-01 | SECTION, Pilot Pressure                   | 1    |
| 4        | HYV05704    | CARTRIDGE, Pilot Pressure                 | 1    |
| 5        | HYV05700    | SOLENOID, Pilot Pressure                  | 1    |
| 6        | HYV05102    | SECTION, Tailgate Lift                    | 1    |
| 7        | HYV05191    | SECTION, Packer                           | 1    |
| 8        | HYV05113    | SECTION, Outlet                           | 1    |
| 9        | HYV05712    | SOLENOID, Section                         | 1    |
| 10       | HYV05115    | CARTRIDGE, Velocity Fuse                  | 6    |
| 11       | HYV05702    | CARTRIDGE, Main Relief - 3,000 PSI        | 1    |
|          | HYJ04102    | SEAL KIT, Between Sections                | A/R  |
|          | HYJ04107    | SEAL KIT, Main Relief (Item 3)            | 1    |
|          | HYJ04106    | SEAL KIT, Port Relief Cartridge (Item 10) | A/R  |
|          | HYJ04101    | SEAL KIT, Section Solenoid                | A/R  |
|          | HYV05199    | ASSY., Valve - Complete - 2 Section       | 1    |

**SECTION 3****CONTROL VALVE - Electric Actuated - HYV05199**

| REF. NO. | PART NO.    | DESCRIPTION                               | QTY. |
|----------|-------------|-------------------------------------------|------|
| 1        | HYV05111    | SECTION, Inlet                            | 1    |
| 2        | HYV05706    | CARTRIDGE, Pressure Reducer               | 1    |
| 3        | HYV05101-01 | SECTION, Pilot Pressure                   | 1    |
| 4        | HYV05704    | CARTRIDGE, Pilot Pressure                 | 1    |
| 5        | HYV05700    | SOLENOID, Pilot Pressure                  | 1    |
| 6        | HYV05102    | SECTION, Tailgate Lift                    | 1    |
| 7        | HYV05191    | SECTION, Packer                           | 1    |
| 8        | HYV05126    | SECTION, Body Hoist                       | 1    |
| 9        | HYV05113    | SECTION, Outlet                           | 1    |
| 10       | HYV05718    | CARTRIDGE, Relief - 1,700 PSI             | 1    |
| 11       | HYV05712    | SOLENOID, Section                         | 1    |
| 12       | HYV05115    | CARTRIDGE, Velocity Fuse                  | 6    |
| 13       | HYV05702    | CARTRIDGE, Main Relief - 3,000 PSI        | 1    |
|          | HYJ04102    | SEAL KIT, Between Sections                | A/R  |
|          | HYJ04107    | SEAL KIT, Main Relief (Item 3)            | 1    |
|          | HYJ04106    | SEAL KIT, Port Relief Cartridge (Item 10) | A/R  |
|          | HYJ04101    | SEAL KIT, Section Solenoid                | A/R  |
|          | HYV05199    | ASSY., Valve - Complete - 3 Section       | 1    |



# DUMP VALVE ASSEMBLY- Full Eject.

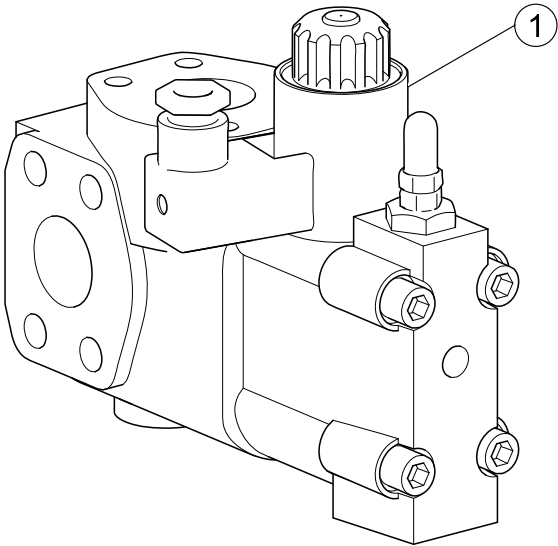


| REF. NO. | PART NO. | DESCRIPTION     | QTY. |
|----------|----------|-----------------|------|
| 1        | HYF00095 | KIT, Flange     | 2    |
| 2        | HYF25210 | ADAPTER         | 2    |
| 3        | QUB04370 | BOLT            | 4    |
| 4        | HYP01579 | VALVE, Dump     | 1    |
| 5        | HYF03700 | ELBOW           | 1    |
| 6        | HYF05100 | ADAPTER         | 1    |
| 7        | HYF02650 | FLANGE, Adapter | 1    |
| 8        | HYP01430 | BLOCK, Orificed | 1    |

**SECTION 3**

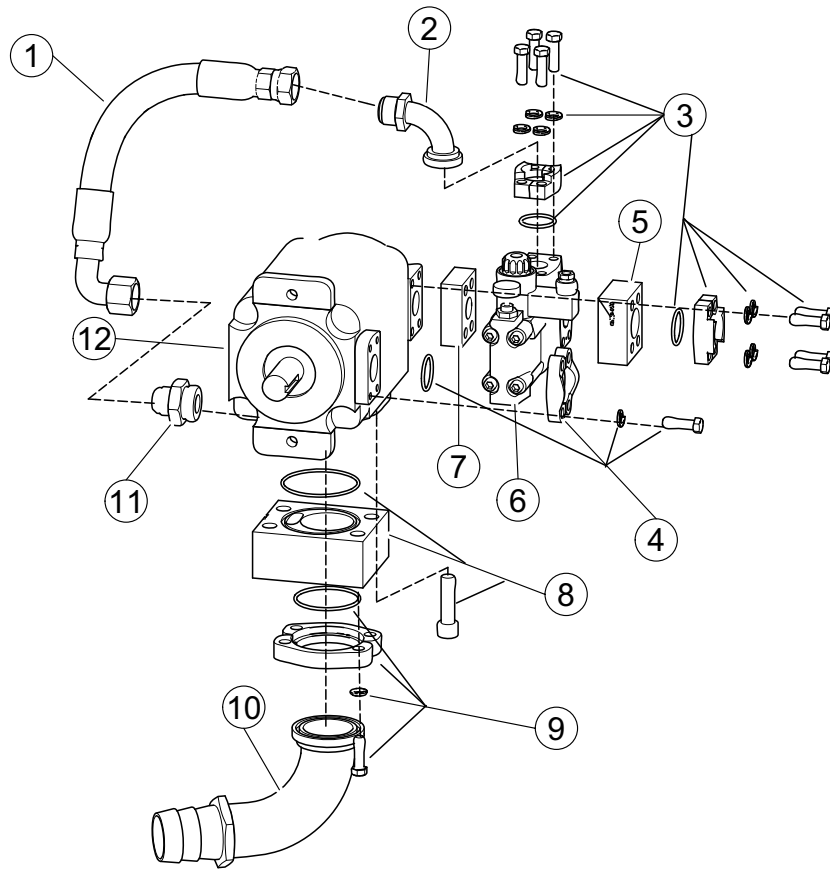
**DUMP VALVE - HYP01579 - Full Eject**

---



| REF. NO. | PART NO. | DESCRIPTION            | QTY. |
|----------|----------|------------------------|------|
| 1        | HYP01563 | CARTRIDGE W/Solenoid   | 1    |
|          | HYP01579 | VALVE, Dump - Complete | 1    |

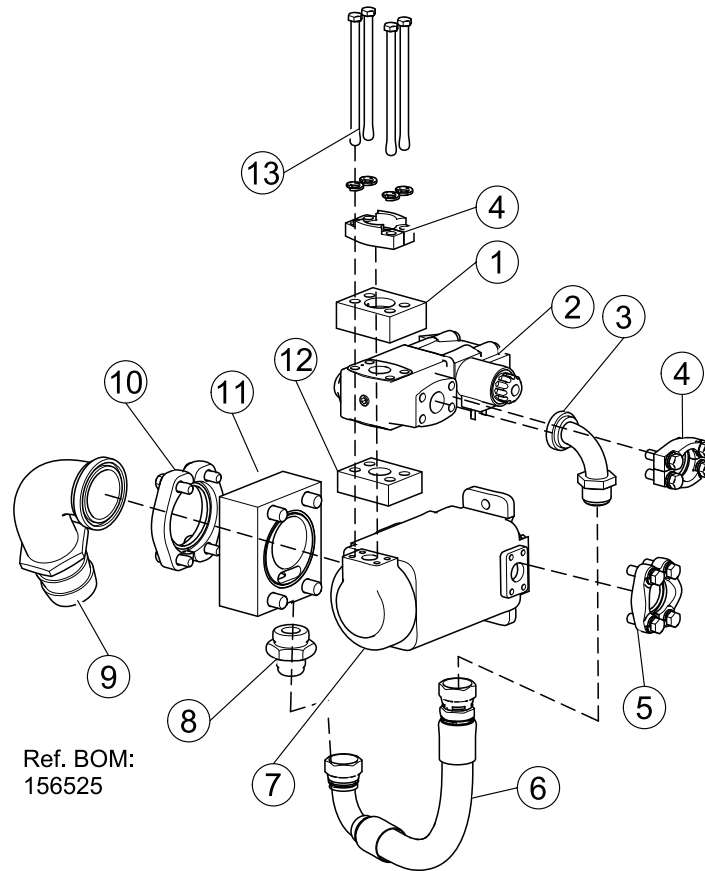
## PUMP HYP1496-01



| REF. NO. | PART NO.    | DESCRIPTION              | QTY. |
|----------|-------------|--------------------------|------|
| 1        | 78386       | HOSE                     | 1    |
| 2        | HYF02500    | ELBOW                    | 1    |
| 3        | HYF00080    | KIT, Flange              | 2    |
| 4        | HYF00095    | KIT, Flange              | 1    |
| 5        | HYP01425-02 | BLOCK, Orificed - 15 GPM | 1    |
| 6        | HYP01567    | REGULATOR                | 1    |
| 7        | HYP01550    | BLOCK, Adapter           | 1    |
| 8        | HYF25450    | BLOCK, Adapter           | 1    |
| 9        | HYF00097    | KIT, FLANGE              | 1    |
| 10       | HYF25500    | ELBOW                    | 1    |
| 11       | HYF08555    | ADAPTER                  | 1    |
| 12       | HYP01496-01 | PUMP                     | 1    |
|          | HYP01458    | CARTRIDGE, Pump - 35 GPM | 1    |
|          | HYP01466    | CARTRIDGE, Pump - 28 GPM | 1    |
|          | HYJ01476    | KIT, Seal - Pump         | 1    |
|          | HYJ01471    | KIT, Seal - Shaft        | 1    |

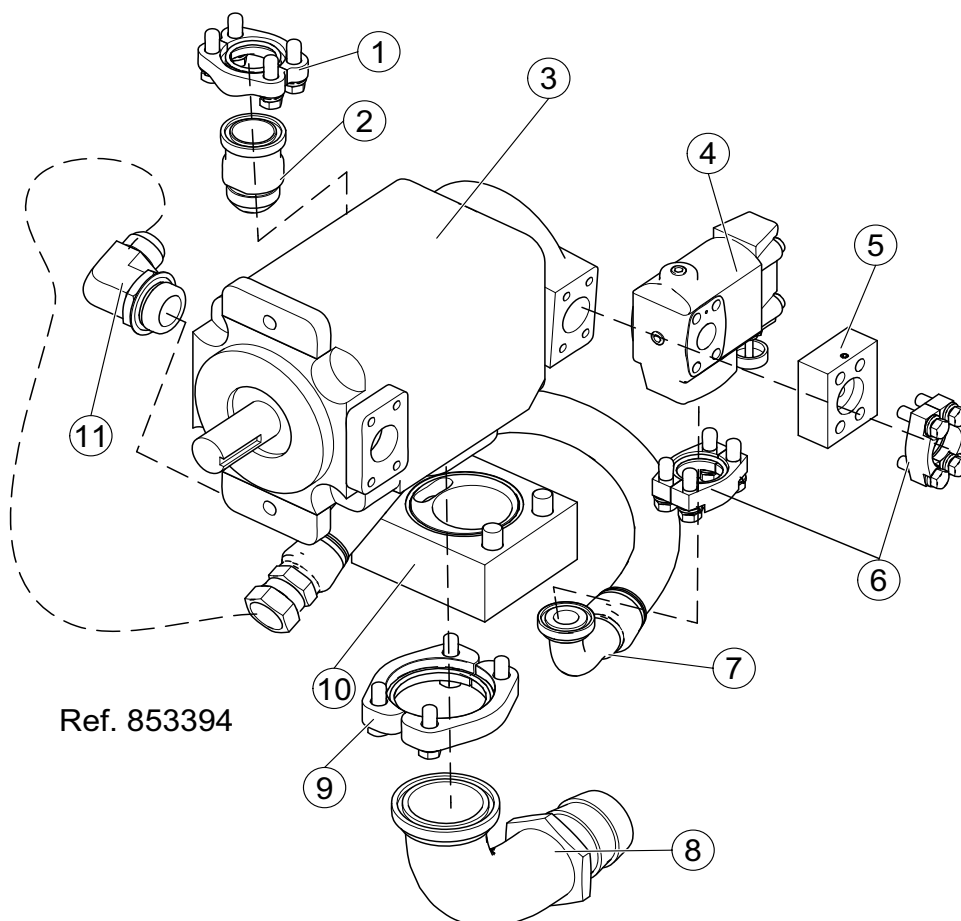
## SECTION 4

# PUMP HYP01499



| REF. NO. | PART NO.    | DESCRIPTION               | QTY. |
|----------|-------------|---------------------------|------|
| 1        | HYP01425-02 | BLOCK, Orifice - 15 GPM   | 1    |
| 2        | HYP01567    | REGULATOR                 | 1    |
| 3        | HYF25000    | ELBOW - 1" JIC            | 1    |
| 4        | HYF00080    | KIT, Flange - 1" Code 61  | 2    |
| 5        | HYF00095    | KIT, Flange - 1½" Code 61 | 1    |
| 6        | 175759      | HOSE                      | 1    |
| 7        | HYC01499    | PUMP - 42-28 CCW          | 1    |
| 8        | HYF08555    | ADAPTER                   | 1    |
| 9        | HYF25500    | ELBOW - 2.5" ID Hose      | 1    |
| 10       | HYF00097    | KIT, Flange - 2½" Code 61 | 1    |
| 11       | 25450       | BLOCK, Adapter            | 1    |
| 12       | HYP01550    | BLOCK, Adapter            | 1    |
| 13       | QUB04167    | BOLT                      | 4    |
|          | HYP01462    | CARTRIDGE, Pump - 42 GPM  | 1    |
|          | HYP01466    | CARTRIDGE, Pump - 28 GPM  | 1    |
|          | HYJ01476    | KIT, Seal - Pump          | 1    |
|          | HYJ01471    | KIT, Seal - Shaft         | 1    |

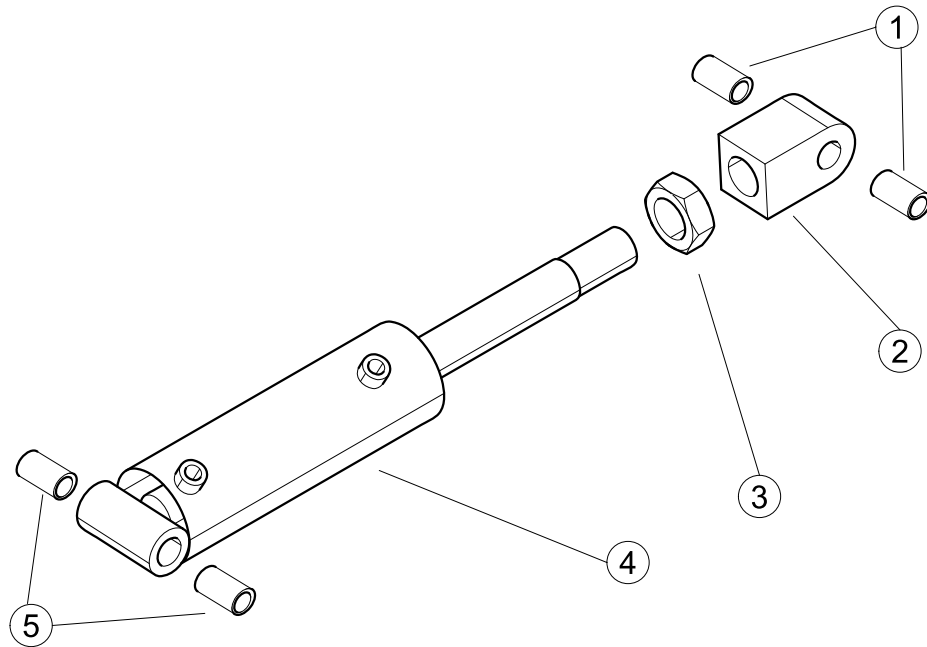
# PUMP HYP01498 - Used on Automizer with Helping Hand Arm



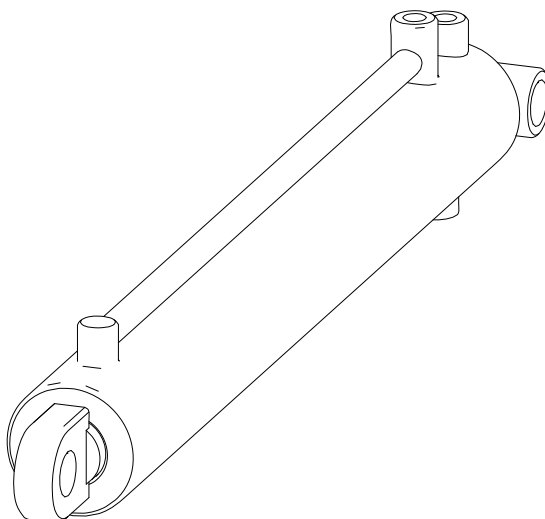
| REF. NO. | PART NO.    | DESCRIPTION                          | QTY. |
|----------|-------------|--------------------------------------|------|
| 1        | HYF00095    | KIT, Split Flange - 1.25 - Code 61   | 1    |
| 2        | HYF25210    | ADAPTER - 1.250 - 20 JICM            | 1    |
| 3        | HYP01498    | Pump, T6DC-35-28 CW                  | 1    |
| 4        | HYP01564    | VALVE, Dump                          | 1    |
| 5        | HYP01425-02 | BLOCK, Orificed 15 GPM               | 1    |
| 6        | HYF00080    | KIT, Split Flange - 1.000 - Code 61  | 2    |
| 7        | 178959      | HOSE                                 | 1    |
| 8        | HYF25500    | ELBOW, Suction - 2.500 X 2.5 ID Hose | 1    |
| 9        | HYF00097    | KIT, Split Flange - 2.500 - Code 61  | 1    |
| 10       | HYF25450    | ADAPTER BLOCK                        | 1    |
| 11       | HYF07700    | ELBOW                                | 1    |

**SECTION 5****CHUTE CYLINDER**

---



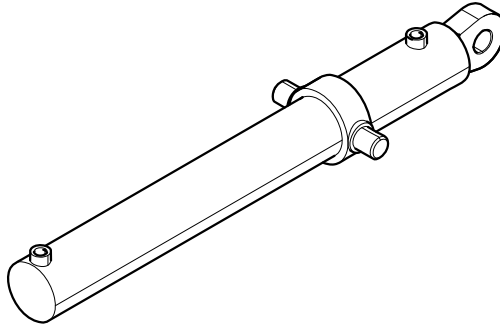
| REF. NO. | PART NO. | DESCRIPTION                   | QTY. |
|----------|----------|-------------------------------|------|
| 1        | HYC15000 | BEARING                       | 2    |
| 2        | HYC15002 | END, Rod                      | 1    |
| 3        | 97190    | NUT                           | 1    |
| 4        | HYC00349 | ASSEMBLY, Cylinder - Complete | 1    |
| 5        | HYC15001 | BEARING                       | 2    |

**PACKER CYLINDERS**

| REF. NO. | PART NO.    | DESCRIPTION                                   | QTY. |
|----------|-------------|-----------------------------------------------|------|
|          | HYC00507-01 | ASSEMBLY, Cylinder - Chrome                   | 2    |
|          | HYJ03350    | KIT, Seal (HYC00507-01 Only)                  | 1    |
|          | HYC00516    | ASSEMBLY, Cylinder - Nitrited Rod and Scraper | 2    |
|          | HYJ00516    | KIT, Seal (HYC00516 Only)                     | 1    |

**SECTION 5****BODY HOIST CYLINDER**

---



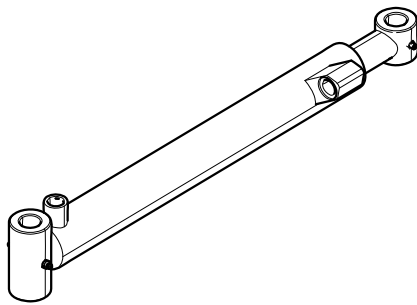
| REF. NO. | PART NO.    | DESCRIPTION                                          | QTY. |
|----------|-------------|------------------------------------------------------|------|
|          | HYC01450-02 | ASSEMBLY, Cylinder - 27 YD                           | 1    |
|          | HYC01425-02 | ASSEMBLY, Cylinder - 20 YD                           | 1    |
|          | HYC01452    | ASSEMBLY, Cylinder - 27 YD - Top Ported              | 1    |
|          | HYJ01452    | KIT, SEAL                                            | 1    |
|          | HYC01424    | ASSEMBLY, Cylinder - Automizer with Helping HAnd Arm |      |

---



## CRUSHER PANEL CYLINDER

---

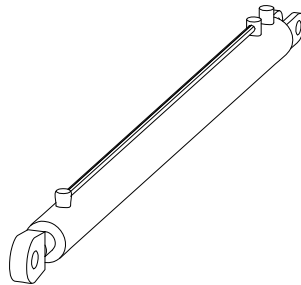


| REF. NO. | PART NO.    | DESCRIPTION                       | QTY. |
|----------|-------------|-----------------------------------|------|
|          | HYC00198-01 | ASSEMBLY, Cylinder (Chrome Rod)   | 2    |
|          | HYJ00198    | KIT, Seal (HYC00198-01 Only)      | 2    |
|          | HYC00208    | ASSEMBLY, Cylinder (Nitrited Rod) | 1    |

---

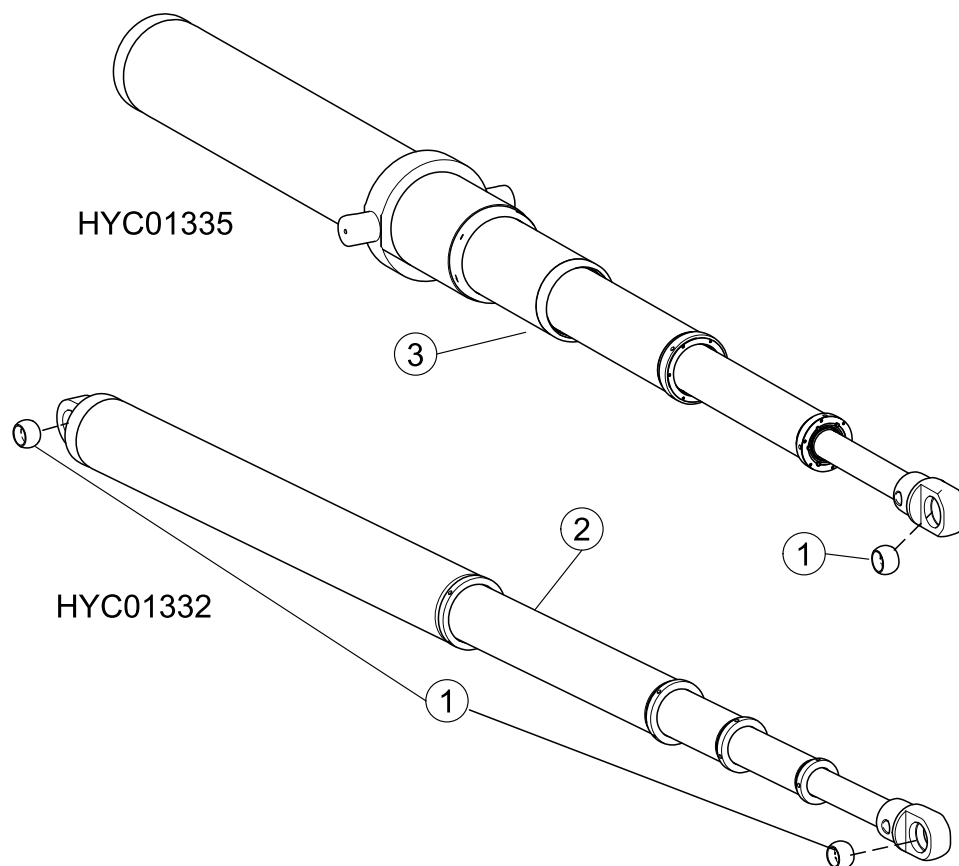
**SECTION 5****TAILGATE LIFT CYLINDER**

---



| REF. NO. | PART NO.    | DESCRIPTION                       | QTY. |
|----------|-------------|-----------------------------------|------|
|          | HYC00320-03 | ASSEMBLY, Cylinder (Chromed Rod)  | 2    |
|          | HYJ00383    | KIT, Seal (HYC00320-03 Only)      | 1    |
|          | HYC00322    | ASSEMBLY, Cylinder (Nitrited Rod) | 2    |

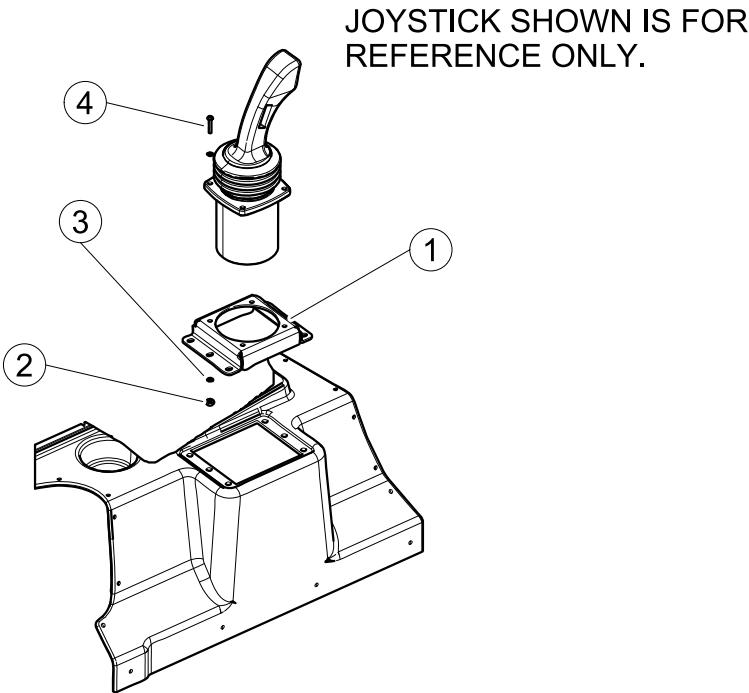
# PACKER CYLINDERS - FULL EJECT UNITS



| REF. NO. | PART NO. | DESCRIPTION                                           | QTY. |
|----------|----------|-------------------------------------------------------|------|
| 1        | QUR00617 | BEARING                                               | A/R  |
| 2        | HYC01332 | ASSEMBLY, Cylinder - Complete AU14116NIA and After    | 1    |
|          | HYJ01332 | KIT, Seal - Complete, for HYC01332                    | 1    |
| 3        | HYC01335 | ASSEMBLY, Cylinder - Complete Units Before AU14116NIA | 1    |
|          | HYV08113 | CARTRIDGE, Sequence (Internal)                        | 1    |
|          | HYJ01335 | KIT, Seal - Complete, for HYC01335                    | 1    |

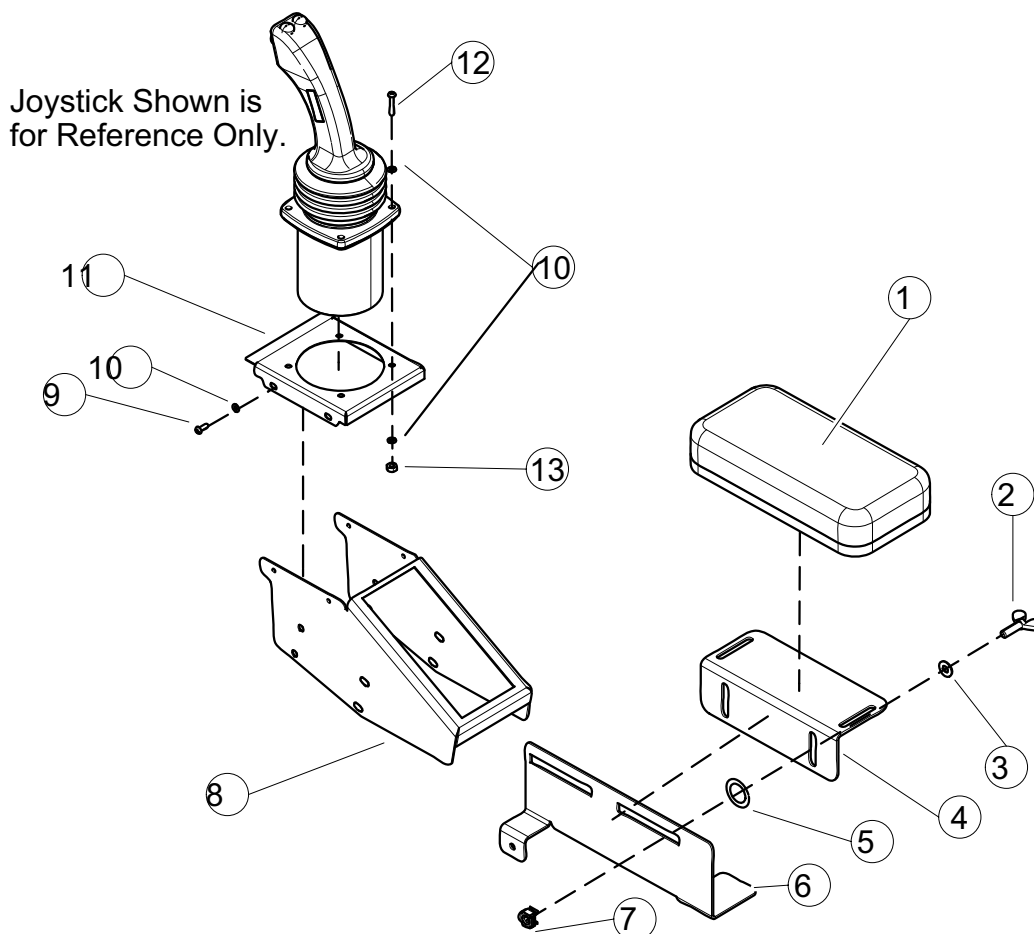
**SECTION 6**

**JOYSTICK MOUNT - AUTOCAR**



| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | 77307    | BRACKET, Mounting | 1    |
| 2        | QUE01070 | NUT               | 4    |
| 3        | QUR01725 | WASHER            | 8    |
| 4        | QUV01610 | BOLT              | 4    |

## JOYSTICK MOUNT - PETERBILT

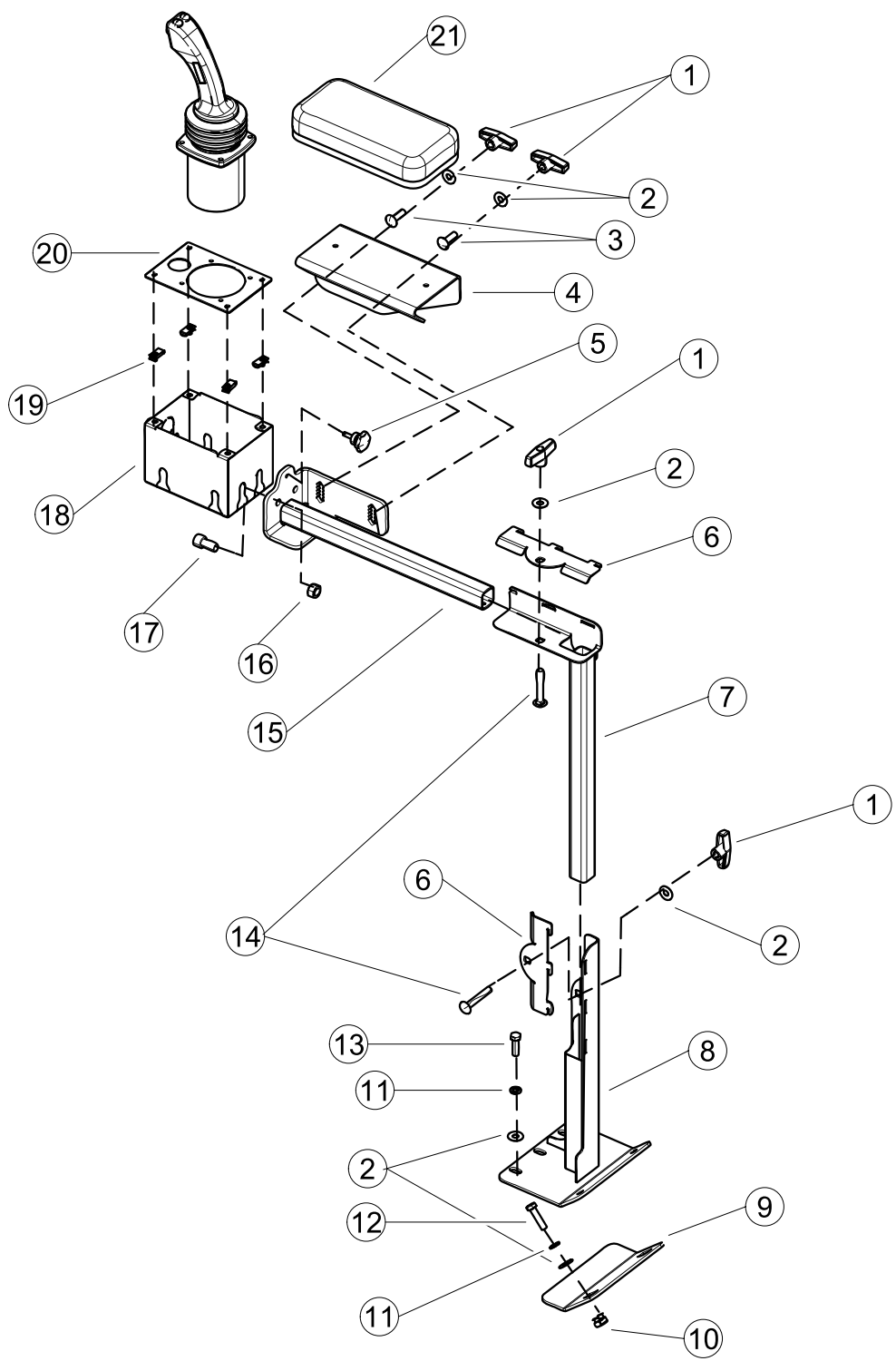


| REF. NO. | PART NO. | DESCRIPTION         | QTY. |
|----------|----------|---------------------|------|
| 1        | 34006    | ARM REST, Cushioned | 1    |
| 2        | QUV06000 | BOLT, Wing          | 2    |
| 3        | QUR01800 | WASHER              | 2    |
| 4        | 90604    | BRACKET             | 1    |
| 5        | QUR02010 | WASHER              | 2    |
| 6        | 90631    | BRACKET             | 1    |
| 7        | QUV03406 | NUT, Tinnerman      | 2    |
| 8        | 120843   | CONSOLE             | 1    |
| 9        | QUV00710 | BOLT                | 4    |
| 10       | QUR01725 | WASHER              | 12   |
| 11       | 90642    | PLATE, Adapter      | 1    |
| 12       | QUV01610 | BOLT                | 4    |
| 13       | QUE01070 | NUT                 | 4    |

**SECTION 6**

**JOYSTICK MOUNT - ADJUSTABLE - INTERNATIONAL**

Joystick is  
reference only



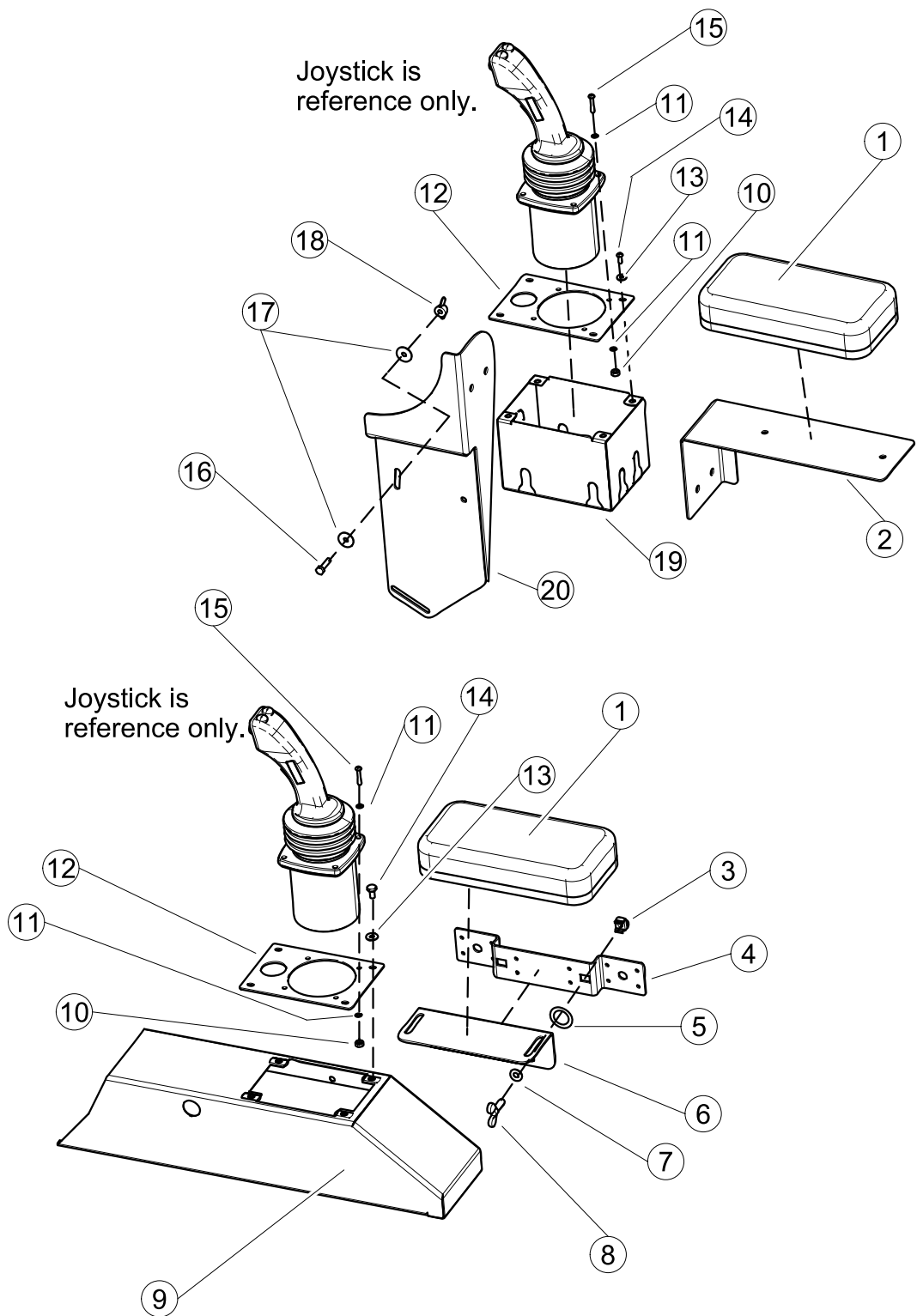
# JOYSTICK MOUNT - ADJUSTABLE - INTERNATIONAL

| REF. NO. | PART NO. | DESCRIPTION               | QTY. |
|----------|----------|---------------------------|------|
| 1        | QUB08960 | KNOB                      | 4    |
| 2        | QUR01900 | WASHER                    | 6    |
| 3        | QUB11940 | BOLT                      | 2    |
| 4        | 93211    | BRACKET, Arm Rest         | 1    |
| 5        | QUB08940 | KNOB                      | 1    |
| 6        | 76683    | BRACKET, Clamp            | 2    |
| 7        | 93212    | BRACKET, Up/Down Slide    | 1    |
| 8        | 76689    | BRACKET, Pedestal         | 1    |
| 9        | 93183    | BRACKET, Floor            | 1    |
| 10       | QUV03407 | NUT, Tinnerman            | 10   |
| 11       | QUR01275 | WASHER                    | 5    |
| 12       | QUB03600 | BOLT                      | 2    |
| 13       | QUB03500 | BOLT                      | 3    |
| 14       | QUB11965 | BOLT                      | 2    |
| 15       | 97594    | BRACKET, Horizontal Slide | 1    |
| 16       | QUE00500 | NUT                       | 2    |
| 17       | QUB05360 | BOLT                      | 2    |
| 18       | 98020    | CONSOLE                   | 1    |
| 19       | QUV03420 | NUT, Clip                 | 4    |
| 20       | 98022    | PLATE, Adapter            | 1    |
| 21       | 34006    | ARM REST, Cushioned       | 1    |

**SECTION 6**

**DUAL JOYSTICK MOUNT - MACK LE**

---



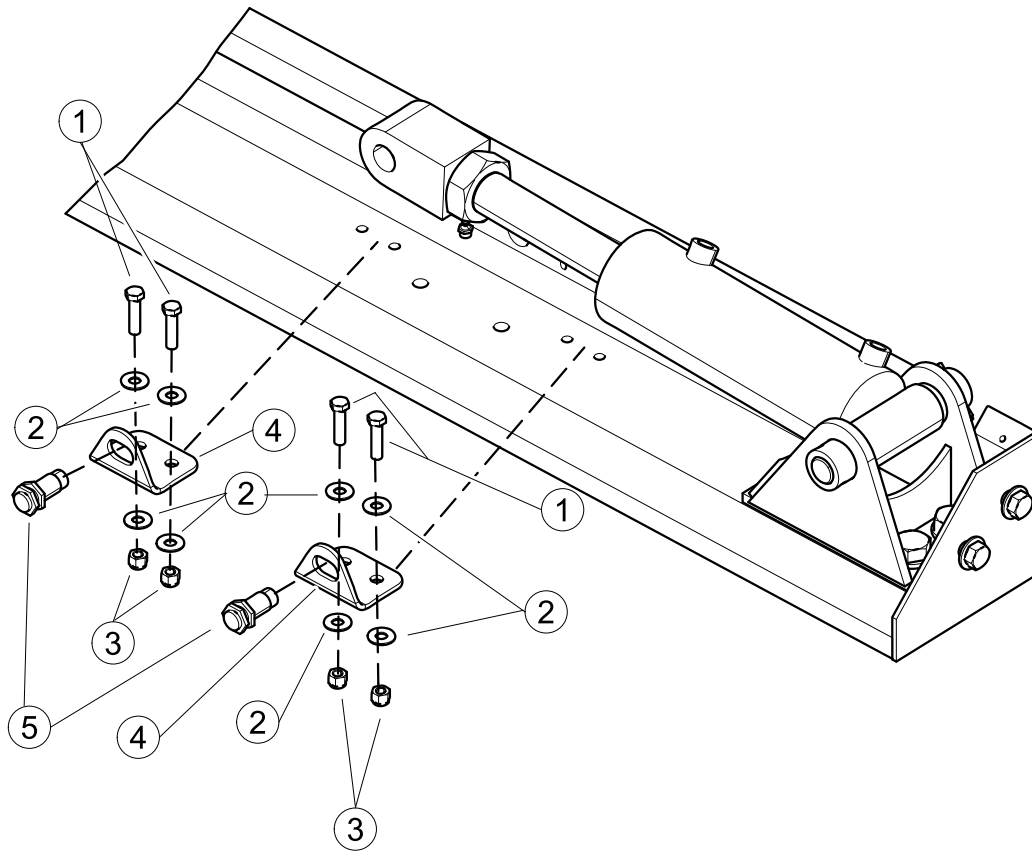


## DUAL JOYSTICK MOUNT - MACK LE

| REF. NO. | PART NO. | DESCRIPTION         | QTY. |
|----------|----------|---------------------|------|
| 1        | 34006    | ARM REST, Cushioned | 2    |
| 2        | 93237    | BRACKET             | 1    |
| 3        | QUV03406 | NUT, Tinnerman      | 2    |
| 4        | 120996   | BRACKET             | 1    |
| 5        | QUR02010 | BRACKET             | 2    |
| 6        | 90604    | BRACKET             | 1    |
| 7        | QUR01800 | WASHER              | 2    |
| 8        | QUV06000 | BOLT, Wing          | 2    |
| 9        | 121056   | CONSOLE             | 1    |
| 10       | QUE01070 | NUT                 | 8    |
| 11       | QUR01725 | WASHER              | 16   |
| 12       | 98022    | PLATE, Adapter      | 2    |
| 13       | QUR01600 | WASHER              | 8    |
| 14       | QUV01900 | BOLT                | 8    |
| 15       | QUV01610 | BOLT                | 8    |
| 16       | QUB05339 | BOLT                | 3    |
| 17       | QUR01692 | WASHER              | 6    |
| 18       | QUE13925 | NUT, Wing           | 3    |
| 19       | 98020    | CONSOLE             | 1    |
| 20       | 93208    | BRACKET             | 1    |

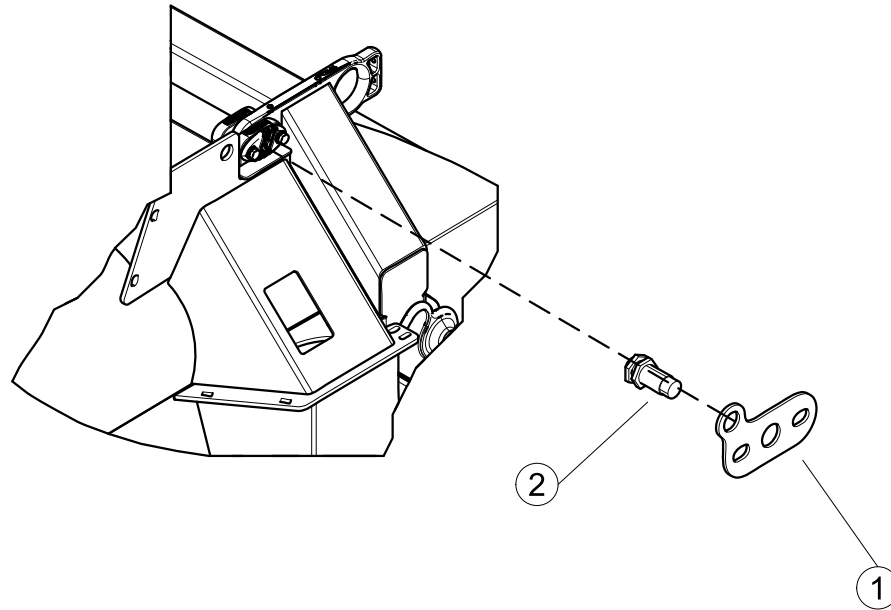
## SECTION 7

# CHUTE PROXIMITY SENSORS



| REF. NO. | PART NO. | DESCRIPTION               | QTY. |
|----------|----------|---------------------------|------|
| 1        | QUB03600 | BOLT                      | 4    |
| 2        | QUR01900 | WASHER                    | 8    |
| 3        | QUE01300 | NUT                       | 4    |
| 4        | 152171   | BRACKET, Proximity Sensor | 2    |
| 5        | 45103-03 | SENSOR, Proximity         | 2    |

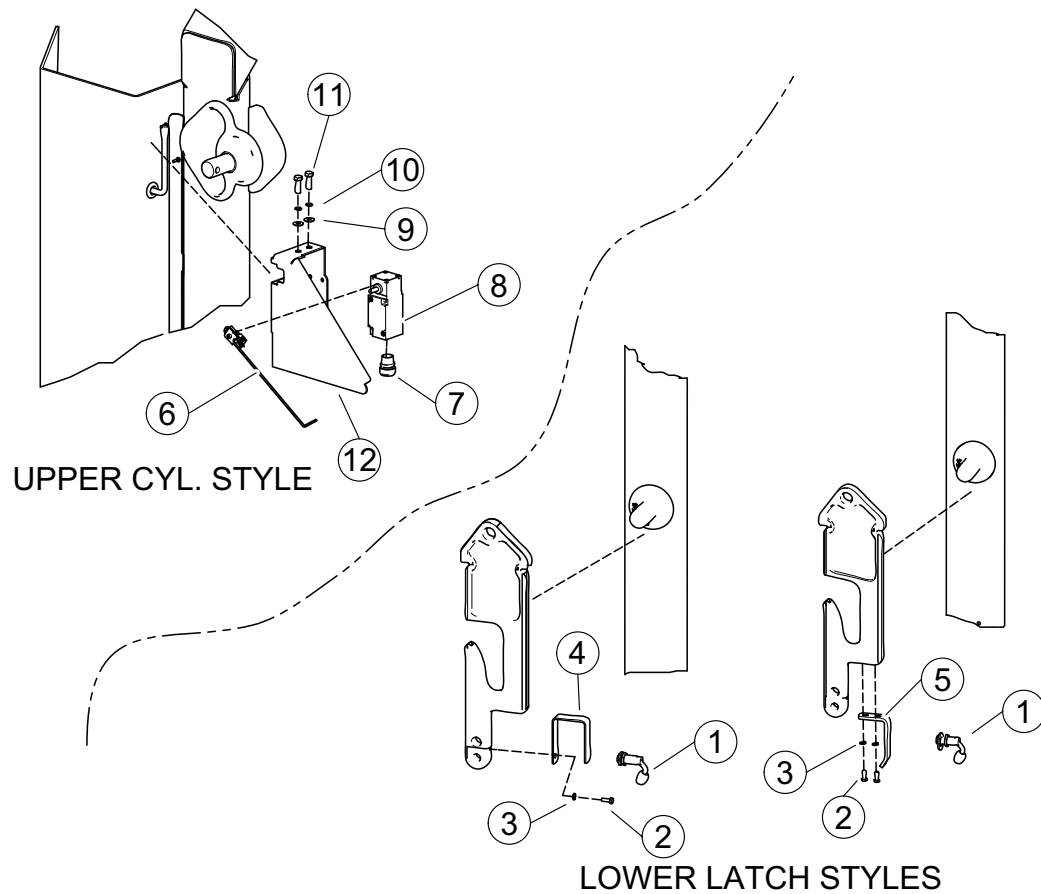
## REAR DOOR FULLY OPEN SENSOR



| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | 83165    | BRACKET           | 1    |
| 2        | 45103-03 | SENSOR, Proximity | 1    |

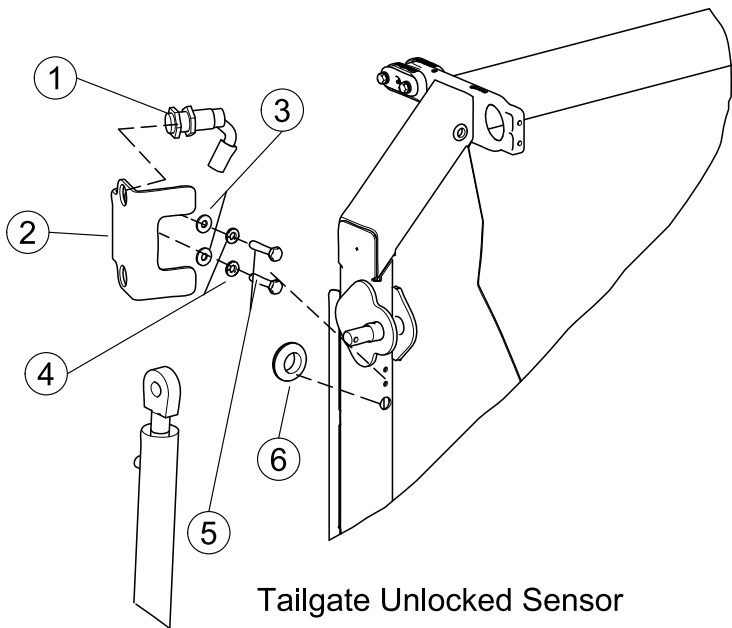
## SECTION 7

# REAR DOOR UNLOCKED/AJAR SENSOR



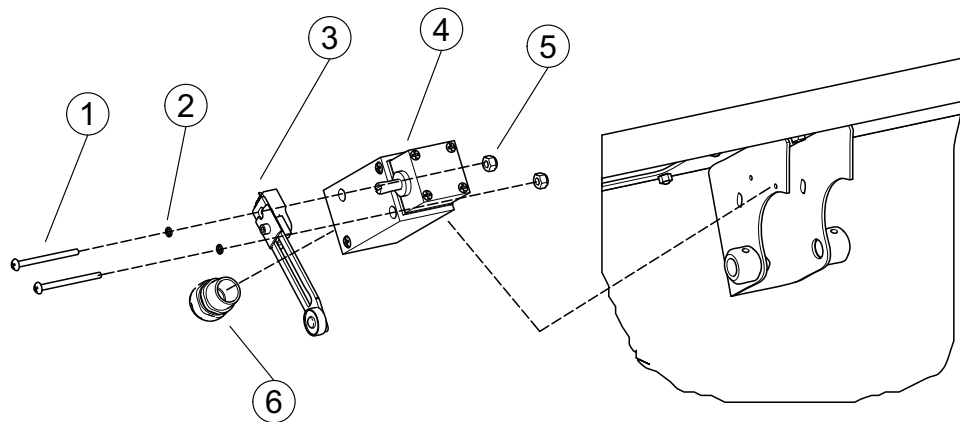
| REF. NO. | PART NO. | DESCRIPTION                                 | QTY. |
|----------|----------|---------------------------------------------|------|
| 1        | 45103-03 | SENSOR, Proximity                           | 1    |
| 2        | QUB02000 | BOLT                                        | 1    |
| 3        | QUR01260 | WASHER                                      | 1    |
| 4        | 69981    | BRACKET, Proximity Sensor (Old style)       | 1    |
| 5        | 153358   | BRACKET, Proximity Sensor (Current Version) | 1    |
| 6        | ELI00850 | ACTUATOR ARM - Straight                     | 1    |
|          | 69691    | ACTUATOR ARM - Bent                         | 1    |
| 7        | ELC00140 | CONNECTOR                                   | 1    |
| 8        | ELI00550 | SWITCH, Limit                               | 1    |
| 9        | QUR01800 | WASHER                                      | 2    |
| 10       | QUR01270 | WASHER                                      | 2    |
| 11       | QUB02800 | BOLT                                        | 2    |
| 12       | 69688    | BRACKET                                     | 1    |

TAILGATE UNLOCKED SENSOR

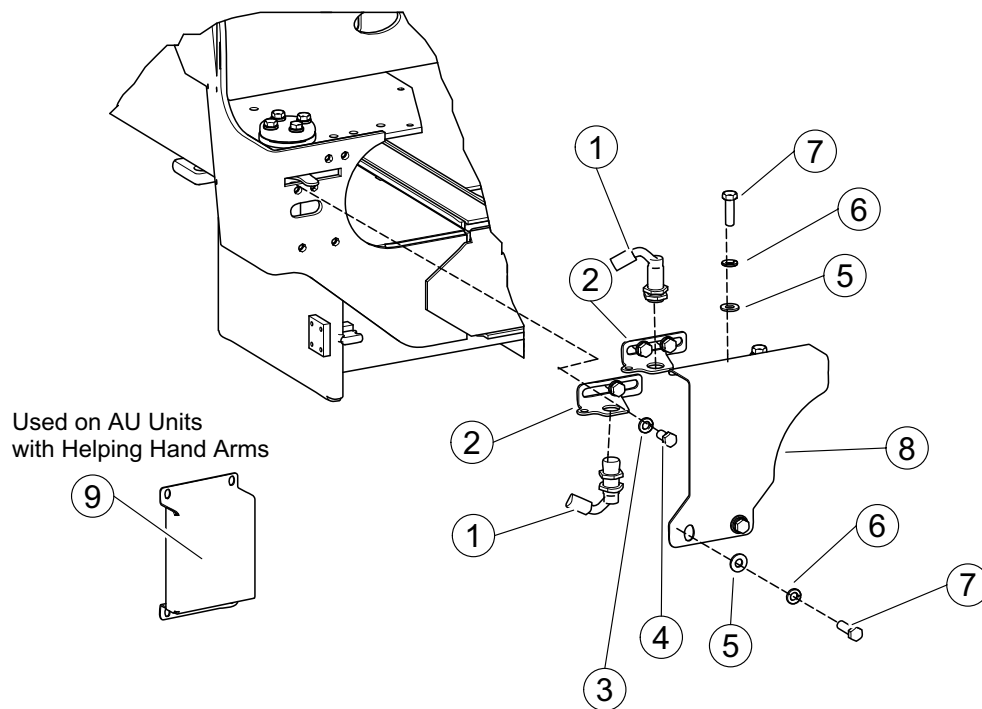


| REF. NO. | PART NO. | DESCRIPTION       | QTY. |
|----------|----------|-------------------|------|
| 1        | 45103-03 | SENSOR, Proximity | 1    |
| 2        | 172034   | BRACKET           | 1    |
| 3        | QUR01695 | WASHER            | 2    |
| 4        | QUR01261 | WASHER            | 2    |
| 5        | QUB02160 | BOLT              | 2    |
| 6        | QUG01910 | GROMMET           | 2    |



**CRUSHER SWITCH**

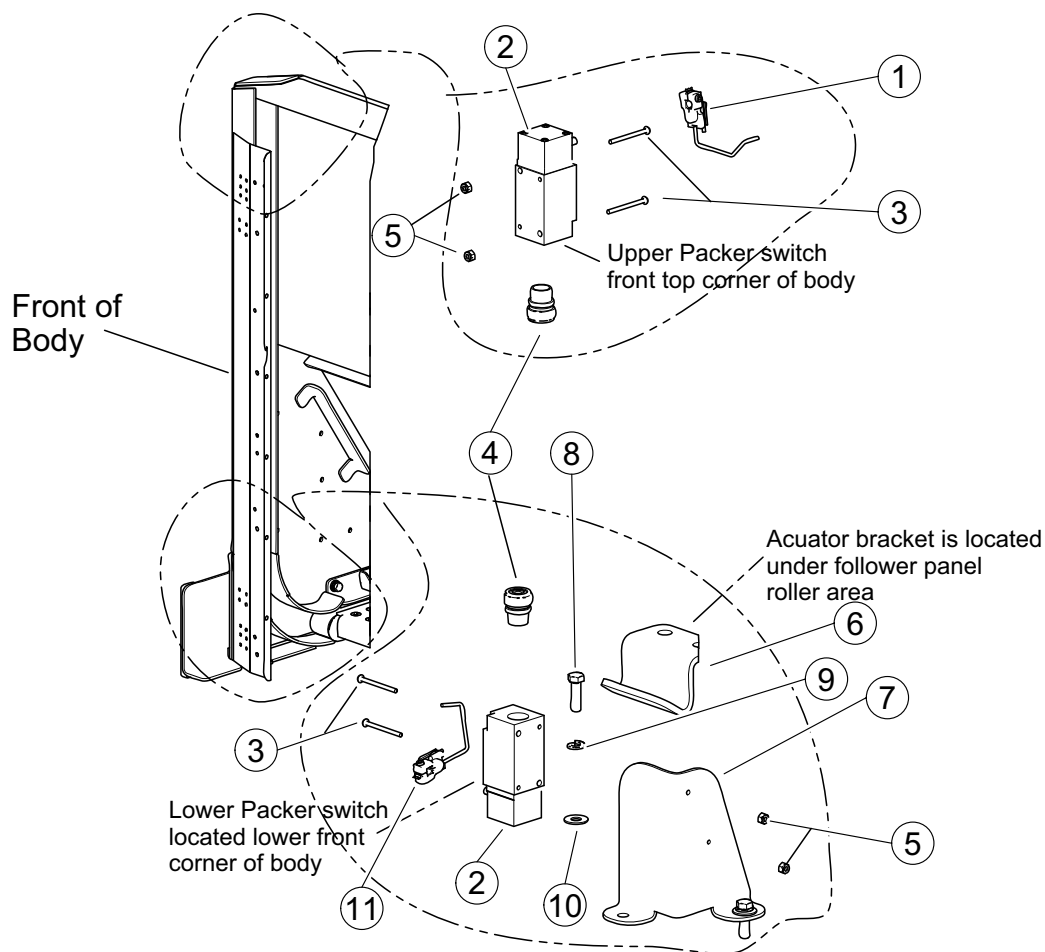
| REF. NO. | PART NO. | DESCRIPTION   | QTY. |
|----------|----------|---------------|------|
| 1        | QUV01925 | BOLT          | 2    |
| 2        | QUR01255 | WASHER        | 2    |
| 3        | ELI00852 | ARM, Actuator | 1    |
| 4        | ELI00555 | SWITCH        | 1    |
| 5        | QUE01070 | NUT           | 2    |
| 6        | ELC00170 | CONNECTOR     | 1    |

**SECTION 7****PACKER PANEL SENSORS**

| REF. NO. | PART NO. | DESCRIPTION                                       | QTY. |
|----------|----------|---------------------------------------------------|------|
| 1        | 45103-03 | SENSOR, Proximity                                 | 2    |
| 2        | 120580   | BRACKET, Sensor                                   | 2    |
| 3        | QUR01274 | WASHER                                            | 4    |
| 4        | QUB03350 | BOLT                                              | 4    |
| 5        | QUR01902 | WASHER                                            | 4    |
| 6        | QUR01272 | WASHER                                            | 4    |
| 7        | QUB03501 | BOLT                                              | 4    |
| 8        | 155205   | BRACKET, Cover                                    | 1    |
| 9        | 189304   | BRACKET, Cover - SS - Automizer with Helping Hand | 1    |



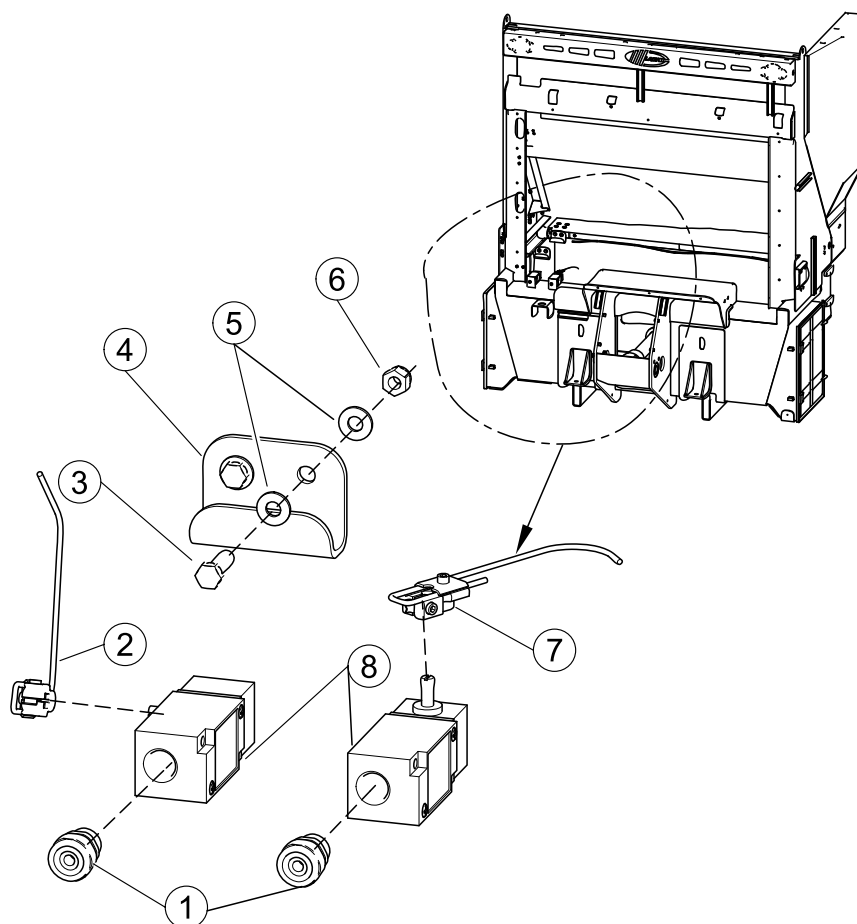
# PACKER SENSORS - FULL EJECT - UNITS BEFORE AU14116NIA



| REF. NO. | PART NO. | DESCRIPTION             | QTY. |
|----------|----------|-------------------------|------|
| 1        | 162169   | ACTUATOR ARM, Bent      | 1    |
|          | ELI00850 | ACTUATOR ARM - Straight | 1    |
| 2        | ELI00550 | SWITCH, Limit           | 2    |
| 3        | QUV01925 | BOLT                    | 4    |
| 4        | ELC00140 | CONNECTOR               | 2    |
| 5        | QUE01070 | NUT                     | 4    |
| 6        | 162166   | BRACKET, Actuator       | 1    |
| 7        | 162167   | BRACKET, Cover          | 1    |
| 8        | QUB03500 | BOLT                    | 2    |
| 9        | QUR01274 | WASHER                  | 2    |
| 10       | QUR01900 | WASHER                  | 2    |
| 11       | 162171   | ACTUATOR ARM - Bent     | 1    |
|          | ELI00850 | ACTUATOR ARM - Straight | 1    |



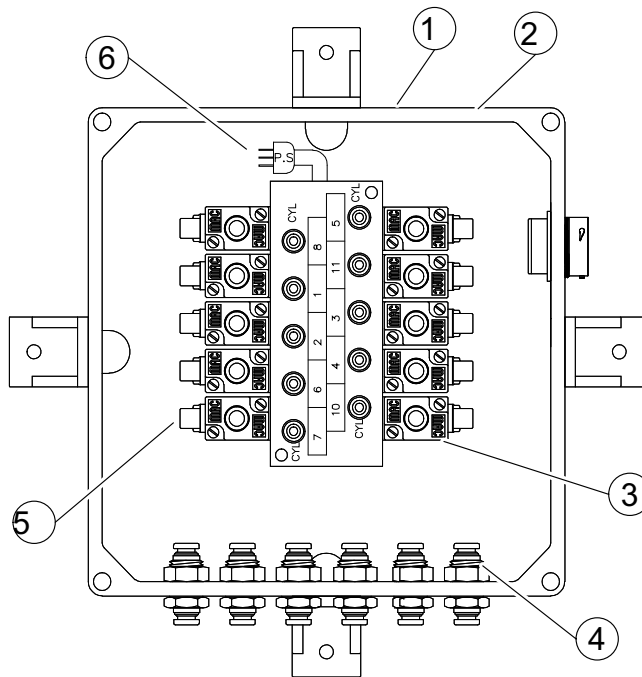
# PACKER PANEL SENSORS - Full Eject - S/N AU14116NIA & Above



| REF. NO. | PART NO. | DESCRIPTION             | QTY. |
|----------|----------|-------------------------|------|
| 1        | ELC00140 | CONNECTOR               | 2    |
| 2        | 179927   | ACTUATOR ARM - Bent     | 1    |
|          | ELI00850 | ACTUATOR ARM - Straight | 1    |
| 3        | QUB03501 | BOLT                    | 2    |
| 4        | 179919   | BRACKET, Follower       | 1    |
| 5        | QUR01902 | WASHER                  | 4    |
| 6        | QUE01302 | NUT                     | 2    |
| 7        | 179925   | ACTUATOR - Bent         | 1    |
|          | ELI00850 | ACTUATOR ARM - Straight | 1    |
| 8        | ELI00550 | SWITCH                  | 2    |

**SECTION 7****AIR VALVE ENCLOSURE (MAC VALVES)**

---



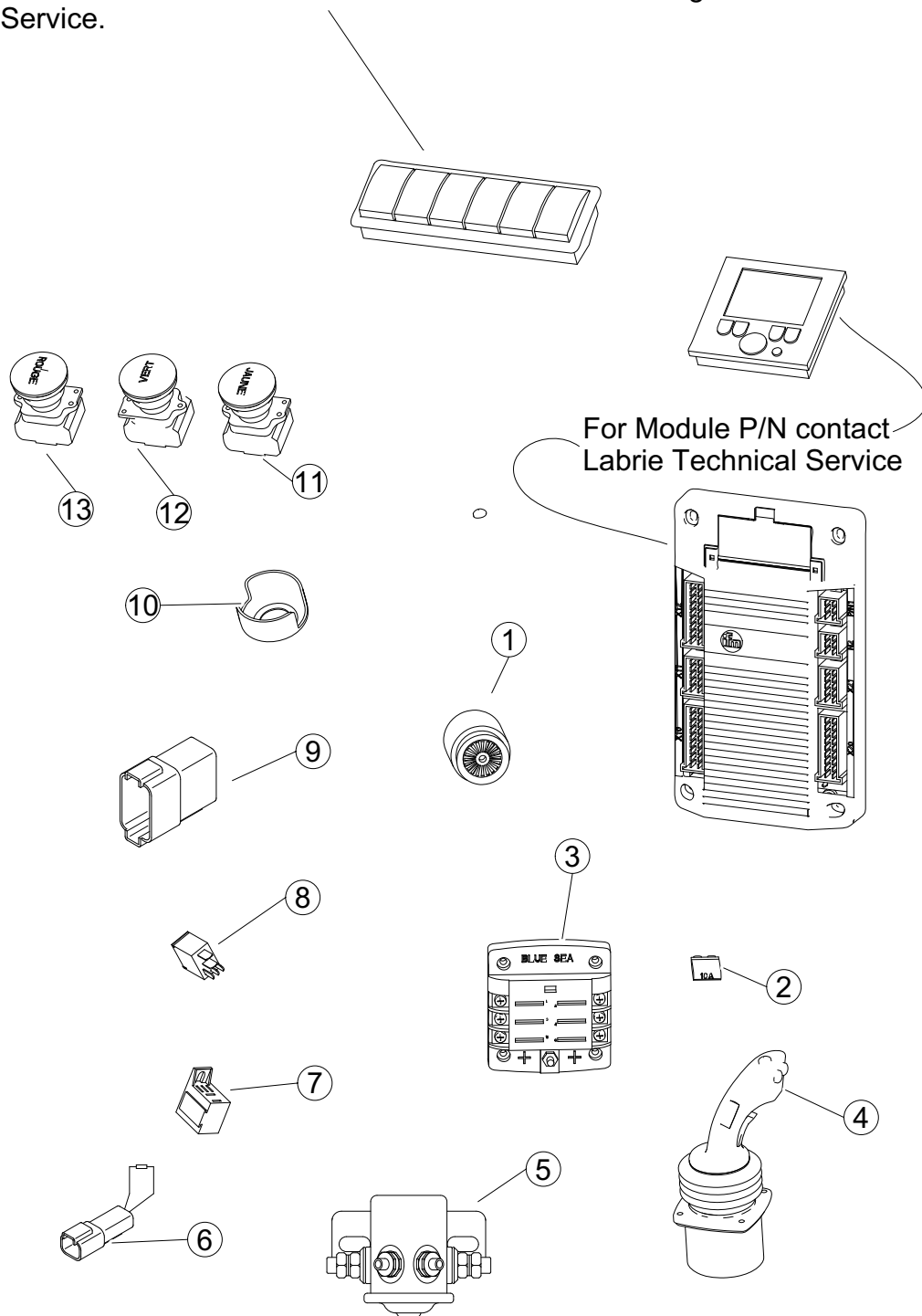
| REF. NO. | PART NO.    | DESCRIPTION                     | QTY. |
|----------|-------------|---------------------------------|------|
| 1        | 120424-01   | ASSEMBLY, Enclosure - STD. UNIT | 1    |
| 2        | 120721      | ENCLOSURE Only                  | 1    |
| 3        | PNV01965-01 | VALVE, Air - MAC                | A/R  |
| 4        | PNF01610    | FITTING, AIR - Bulkhead         | A/R  |
| 5        | PNV01967    | CONNECTOR W/Wire - Only         | A/R  |
| 6        | PNI00250    | SWITCH, Pressure                | 1    |



## SECTION 7

# MISCELLANEOUS ELECTRICAL COMPONENTS

Replacement of switch packs ELB05000 and ELB05001 and Modules may require reprogramming please contact Labrie Technical Service. Please have Labrie unit S/N available when contacting Technical Service.



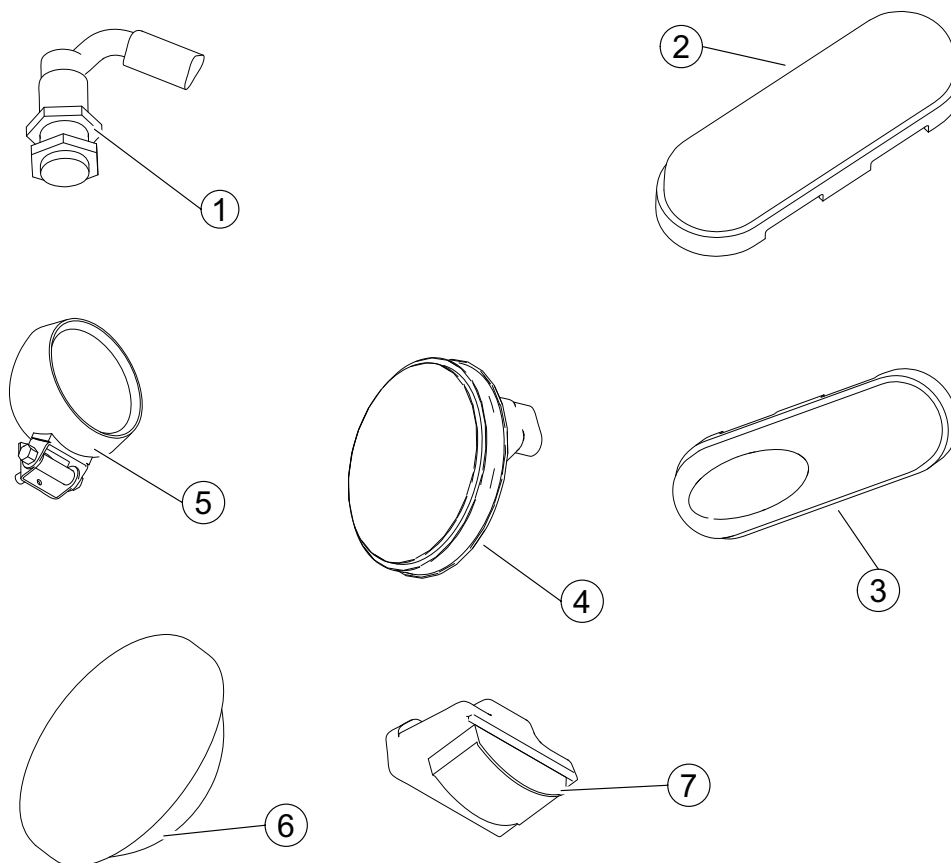
# MISCELLANEOUS ELECTRICAL COMPONENTS

| REF. NO. | PART NO.    | DESCRIPTION                         | QTY. |
|----------|-------------|-------------------------------------|------|
| 1        | ELR01020    | ALARM BUZZER                        | 1    |
| 2        | ELD00280-01 | BREAKER, Circuit - 7A - Resettable  | A/R  |
|          | ELD00305-01 | BREAKER, Circuit - 10A - Resettable | A/R  |
|          | ELD00405-01 | BREAKER, Circuit - 15A - Resettable | A/R  |
|          | ELF00301    | FUSE - ATO - 35 Amp                 | A/R  |
| 3        | ELS00451    | BLOCK, Fuse - 6 Space               | A/R  |
| 4        | PNJ01500    | JOYSTICK                            | A/R  |
| 5        | ELR00825    | RELAY - 12V - 85 Amp                | A/R  |
| 6        | 157502      | RESISTOR, End Line - 120 Ohms       | A/R  |
| 7        | ELR00780    | BASE, Mini Relay                    | A/R  |
| 8        | ELR00775    | RELAY, Mini - 30 Amp                | A/R  |
| 9        | 66871       | DIODE PACK - 3                      | A/R  |
|          | 66870       | DIODE PACK - 5 to 1                 | A/R  |
|          | 92512       | DIODE PACK - 8                      | A/R  |
|          | 71825       | DIODE PACK - 4 to 1                 | A/R  |
|          | ELC05110    | DIODE PACK - 1                      | A/R  |
| 10       | ELB02450    | BUTTON GUARD                        | A/R  |
| 11       | ELB02000    | PUSHBUTTON, Yellow - Complete       | A/R  |
| 12       | ELB02300    | PUSHBUTTON, Green - Complete        | A/R  |
| 13       | ELB02180    | PUSHBUTTON, Red - Complete          | A/R  |





## LIGHTING COMPONENTS



| REF. NO. | PART NO. | DESCRIPTION                           | QTY. |
|----------|----------|---------------------------------------|------|
| 1        | 45103-03 | SENSOR, Proximity - W/ 3pin connector | A/R  |
| 2        | ELL03355 | LIGHT, Red Oval - 6 LED               | A/R  |
| 3        | ELL02583 | LIGHT, Amber Oval - 6 LED             | A/R  |
| 4        | ELL02530 | 4" LIGHT, Red - 6 LED                 | A/R  |
|          | ELL02526 | 4" LIGHT, Red - Incandescent          | A/R  |
|          | ELL02521 | 4" LIGHT, Amber - 60 LED              | A/R  |
|          | QUG03000 | 4" LIGHT GROMMET                      | A/R  |
|          | ELL02950 | 4" LIGHT, Clear - 54 LED              | A/R  |
|          | ELL03200 | 4" LIGHT, Clear - Incandescent        | A/R  |
| 5        | ELL01300 | LIGHT, Work - Incandescent            | A/R  |
| 6        | ELL02570 | 2½" LIGHT, Red - Incandescent         | A/R  |
|          | ELL02571 | 2½" LIGHT, Red - LED                  | A/R  |
|          | ELL02575 | 2½" LIGHT, Amber - Incandescent       | A/R  |
|          | ELL02576 | 2½" LIGHT, Amber - LED                | A/R  |
|          | QUG02700 | 2½" LIGHT GROMMET                     | A/R  |
| 7        | ELL03010 | LIGHT, License - Clear                | A/R  |

# labrie**plus** - USA

1981 W. Snell Road  
Oshkosh, WI. 54904

Mailing Address:  
P.O. Box 2785  
Oshkosh, WI. 54903-2785

Parts, Service and Warranty  
(During Business Hours)  
7:00 A.M. to 7:00 P.M. Central Standard Time

Technical Support Service (24 Hours)

Toll Free: 1-800-231-2771  
Telephone: 1-920-233-2770  
General Fax: 1-920-232-2496  
Sales Fax: 1-920-232-2498

# labrie**plus** - Canada

175 Route du Pont  
St-Nicolas, QC G7A 2T3

Mailing Address:  
175 Route du Pont  
St-Nicolas, QC G7A 2T3

Parts, Service and Warranty  
(During Business Hours)  
8:00 A.M. to 5:00 P.M. Eastern Standard Time

Technical Support Service (24 Hours)

Toll Free: 1-877-831-8250  
Telephone: 1-418-831-8250  
Service Fax: 1-418-831-1673  
Parts Fax: 1-418-831-7561

