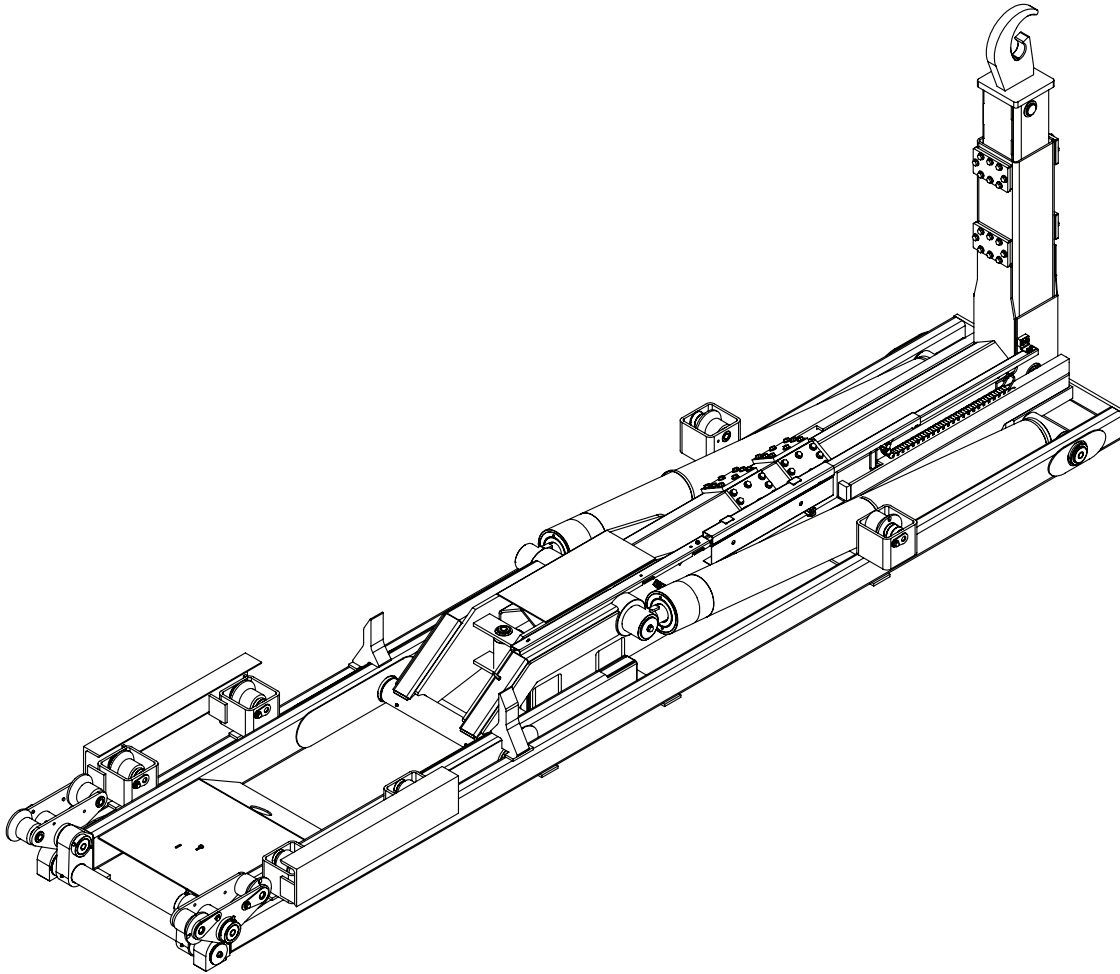




# Slider65 Hooklift Owner's Manual

Installation • Assembly Drawings • Parts



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Rev 2  
PN 89562

# Slider Hooklift Manual Revisions

Date of Revision	Section Revised	Description of Revision

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# Introduction

A copy of this manual is provided with every hooklift and can be found in the hard plastic manual case that is installed on the chassis. A copy of this manual shall remain with the hooklift at all times.

Throughout the manual, three signal words will be used to bring attention to important items:

## **NOTICE**

A NOTICE signal word indicates a practice not related to physical injury.

## **⚠ WARNING**

A WARNING signal word indicates a hazardous situation which, if not avoided, could result in death or serious injury.

## **⚠ DANGER**

A DANGER signal word indicates a hazardous situation which, if not avoided, will result in death or serious injury.

Information contained within this manual does not cover operation, maintenance, or troubleshooting. Please refer to the General Slider Hooklift Manual for details on these items.

This manual is not binding. Stellar Industries, Inc. reserves the right to change, at any time, any or all of the items, components, and parts deemed necessary for product improvement or commercial/production purposes. This right is kept with no requirement or obligation for immediate mandatory updating of this manual.

In closing:

If more information is required or technical assistance is needed, or if you feel that any part of this manual is unclear or incorrect, please contact the Stellar Customer Service Department by phone at 800-321-3741 or email at [service@stellarindustries.com](mailto:service@stellarindustries.com).

**For Technical Questions, Information, Parts, or Warranty, Call Toll-Free at  
800-321-3741**

Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m. CST

Or email at the following addresses:

**Technical Questions, and Information**

[service@stellarindustries.com](mailto:service@stellarindustries.com)

**Order Parts**

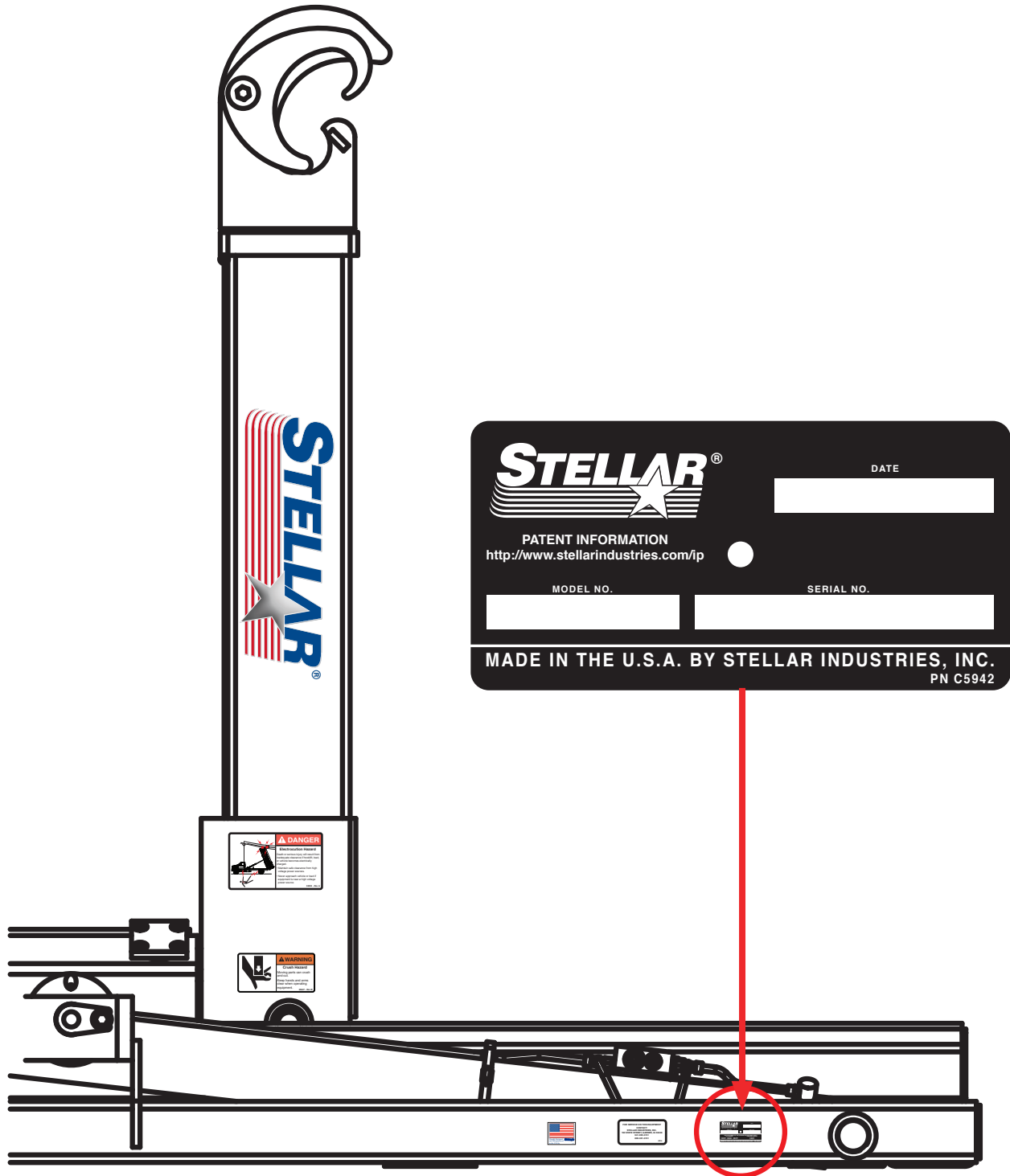
[parts@stellarindustries.com](mailto:parts@stellarindustries.com)

**Warranty Information**

[warranty@stellarindustries.com](mailto:warranty@stellarindustries.com)

# Serial Tag Location

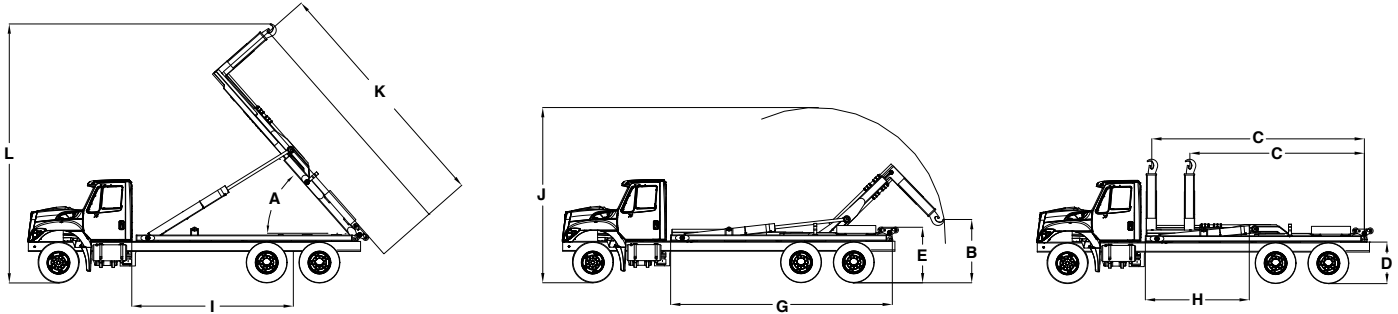
The serial tag should be located on the right side (passenger side) of the base assembly:



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# Chapter 1 - Specifications

## Slider65 Specifications



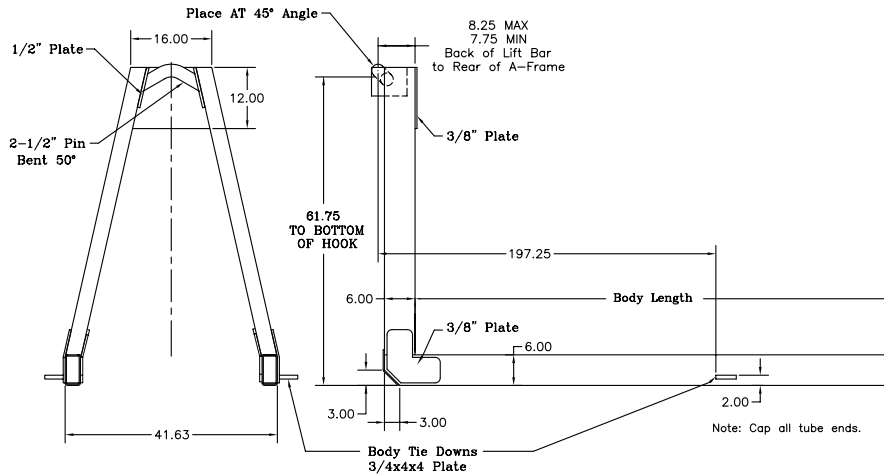
	54" (1,372mm) Fixed Hook Height	61.75" (1,569mm) Fixed Hook Height	54" (1,372mm) to 61.75" (1,569mm) Adjustable Hook Height
Lifting Capacity	52,000 lbs (23,587 kg)	65,000 lbs (29,484 kg)	52,000 lbs - 65,000 lbs (23,587 kg - 29,484 kg)
Dumping Capacity	65,000 lbs (29,484 kg)	65,000 lbs (29,484 kg)	65,000 lbs (29,484 Kg)
A Dump Angle	50°	50°	50°
B Lowest Hook Height	44.51" (1,131 mm)	38" (965 mm)	44.51" or 38" (1,131 mm - 965 mm)
C Effective Length	193" to 217" (4,902 mm to 5,512 mm)	193" to 217" (4,902 mm to 5,512 mm)	193" to 217" (4,902 mm to 5,512 mm)
D Truck Frame Height	41" (1,041 mm)	41" (1,041 mm)	41" (1,041 mm)
E Hooklift Height	54.56" (1,385 mm)	54.56" (1,385 mm)	54.56" (1,385 mm)
G Hooklift Length	227" (5,766 mm)	227" (5,766 mm)	227" (5,766 mm)
H Hooklift Center of Gravity	103" (2,616 mm)	103" (2,616 mm)	103" (2,616 mm)
I Chassis Cab to Trunion	180" optimum (4,572 mm)***	180" optimum (4,572 mm)***	180" optimum (4,572 mm)***
	170" minimum (4,318 mm)***	170" minimum (4,318 mm)***	170" minimum (4,318 mm)***
	190" optimum with taper (4,826 mm)***	190" optimum with taper (4,826 mm)***	190" optimum with taper (4,826 mm)***
J Max. Height When Loading	175" (4,445 mm)	179" (4,547 mm)	175" or 179" (4,445 mm - 4,547 mm)
K Longest Body When Dumping	288" (7,315 mm)	288" (7,315 mm)	288" (7,315 mm)
L Max. Height When Dumping	259" (6,579 mm)	264" (6,706 mm)	259" or 264" (6,579 mm - 6,706 mm)
Maximum Operating Pressure	4,500 psi (31 MPa)	4,500 psi (31 MPa)	4,500 psi (31 MPa)
Hydraulic Flow	24 gpm (91 lpm)	24 gpm (91 lpm)	24 gpm (91 lpm)
Shipping Weight	6,600 lbs (2,994 kg)	6,600 lbs (2,994 kg)	6,700 lbs (3,039 kg)
Shipping Dimensions (LxWxH)	234" x 86" x 53"	234" x 86" x 53"	234" x 86" x 53"
Minimum Truck GVWR	54,000 lbs (24,494 kg)	54,000 lbs (24,494 kg)	54,000 lbs (24,494 kg)
Load Angle w/Shortest Body Length	40°	37°	40° or 37°
Recommended Container Lengths*	16' to 21.5' (4.9 m to 6.6 m)	16' to 21.5' (4.9 m to 6.6 m)	16' to 21.5' (4.9 m to 6.6 m)
Recommended Flatbed Lengths**	16' to 24' (4.9 m to 7.3 m)	16' to 24' (4.9 m to 7.3 m)	16' to 24' (4.9 m to 7.3 m)

\*Assumes 3 ft. overhang from center of rear roller pin  
(Bumper typically 12" from center of roller pin)

\*\*Assumes 5 ft. overhang from center of rear roller pin  
(May require bumper and latch options)

\*\*\*Weight Distribution Required

# Slider65 Latch Locations for Skid Compatibility

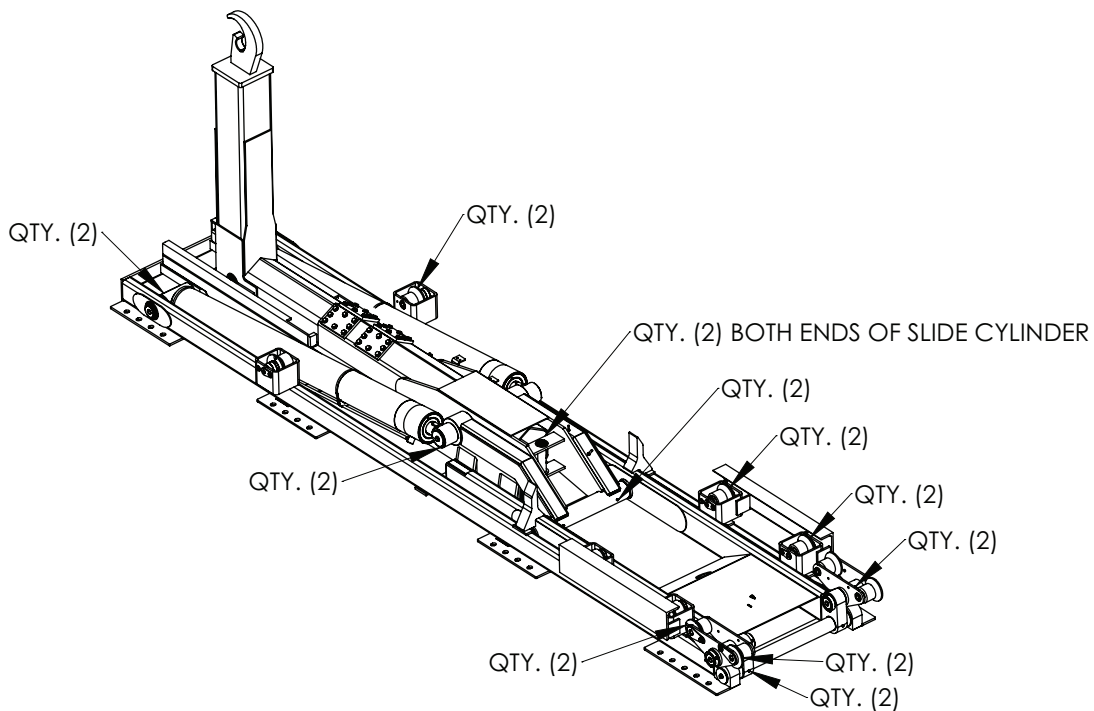


Drawing for Dimensional Purposes Only

Minimum recommended rail construction per number of rear rollers on loader.		
	Single	Double
190-24-60S	6x3x3/8 & 1/2x3 Plt	6x3x3/8 & 1/2x3 Plt
Slider50	6x3x3/8 & 1/2x3 Plt	6x3x3/8 & 1/2x3 Plt
Slider65	6x3x3/8 & 1/2x3 Plt	6x3x3/8 & 1/2x3 Plt

# Slider65 Grease Zerk Locations

## Slider65



**Note: Grease After Every 100 Cycles.**



# Chapter 2 - Installation

## General Installation

This chapter is designed to serve as a general guide for the installation of a Stellar® Slider65 Hooklift. Each installation is considered unique so certain portions of this chapter may or may not apply to your direct application. If a question should arise during the installation process, please contact Stellar Customer Service at (800) 321 3741.

PTO and Pump installation instructions are provided by the corresponding manufacturers. For more information on which PTO and Pump fit your application, please contact your local Stellar Distributor or Stellar Customer Service.

**⚠ WARNING** Do not install this hooklift on a chassis not capable of handling the loads imposed on it. Failure to do so may result in serious injury or death.

**NOTICE** Do not weld or drill holes into the side wall of the base tubes.

### Hooklift Mounting and Assembly

Study names and locations of the parts and familiarize yourself with the hooklift before starting the assembly. Reading the step-by-step instructions that follow will be helpful.

#### Assembly

Select an area for assembly that will be large enough to accommodate the completed unit. The surface of the work area should be as level as possible. Use the proper hand tools to ensure proper bolt tightness. Refer to the torque data chart in this chapter for the recommended torque values for different sizes of bolts.

#### Model Number

Know the model number of the Stellar® Hooklift being mounted. Use this model number whenever referring to the assembly or parts listing pages. The number is stamped on the name plate which is located on the front frame member.

## Installer Notice

According to Federal Law (49 cfr part 571), each final-stage manufacturer shall complete the vehicle in such a manner that it conforms to the standards in effect on the date of manufacture of the incomplete vehicle, the date of final completion, or a date between those two dates. This requirement shall, however, be superseded by any conflicting provisions of a standard that applies by its terms to vehicles manufactured in two or more stages.

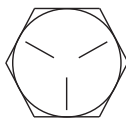
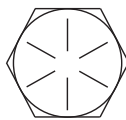
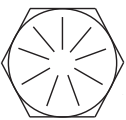
Therefore, the installer of Stellar® Hooklifts is considered one of the manufacturers of the vehicle. As such a manufacturer, the installer is responsible for compliance with all applicable federal and state regulations. They are required to certify that the vehicle is in compliance with the Federal Motor Vehicle Safety Standards and other regulations issued under the National Traffic and Motor Vehicle Safety Act.

Please reference the Code of Federal Regulations, title 49 - Transportation, Volume 5 (400-999), for further information, or visit <http://www.gpoaccess.gov/nara/index.html> for the full text of Code of Federal Regulations.

## Torque Data Chart

When using the torque data in the chart, the following rules should be observed:

- Bolt manufacturer's particular specifications should be consulted when provided.
- Flat washers of equal strength must be used.
- All torque measurements are given in foot-pounds. To convert to inch-pounds, multiply by 12.
- Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphite, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.
- Torque values for socket-head capscrews are the same as for Grade 8 capscrews.
- Do not use these values if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.
- Sheer bolts are designed to fail under predetermined loads. Always replace shear bolts with identical grade.
- Fasteners should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.
  - Tighten plastic insert or crimped steel-type lock nuts to approximately 110 percent of the dry torque values shown in the chart below, applied to the nut, not to the bolt head. Tighten toothed or serrated-type lock nuts to the full torque value. *Note: "Lubricated" means coated with a lubricant such as engine oil, or fasteners with phosphate and oil coatings. "Dry" means plain or zinc plated without lubrication. Tighten lubricated bolts to approximately 80% of dry bolts.*

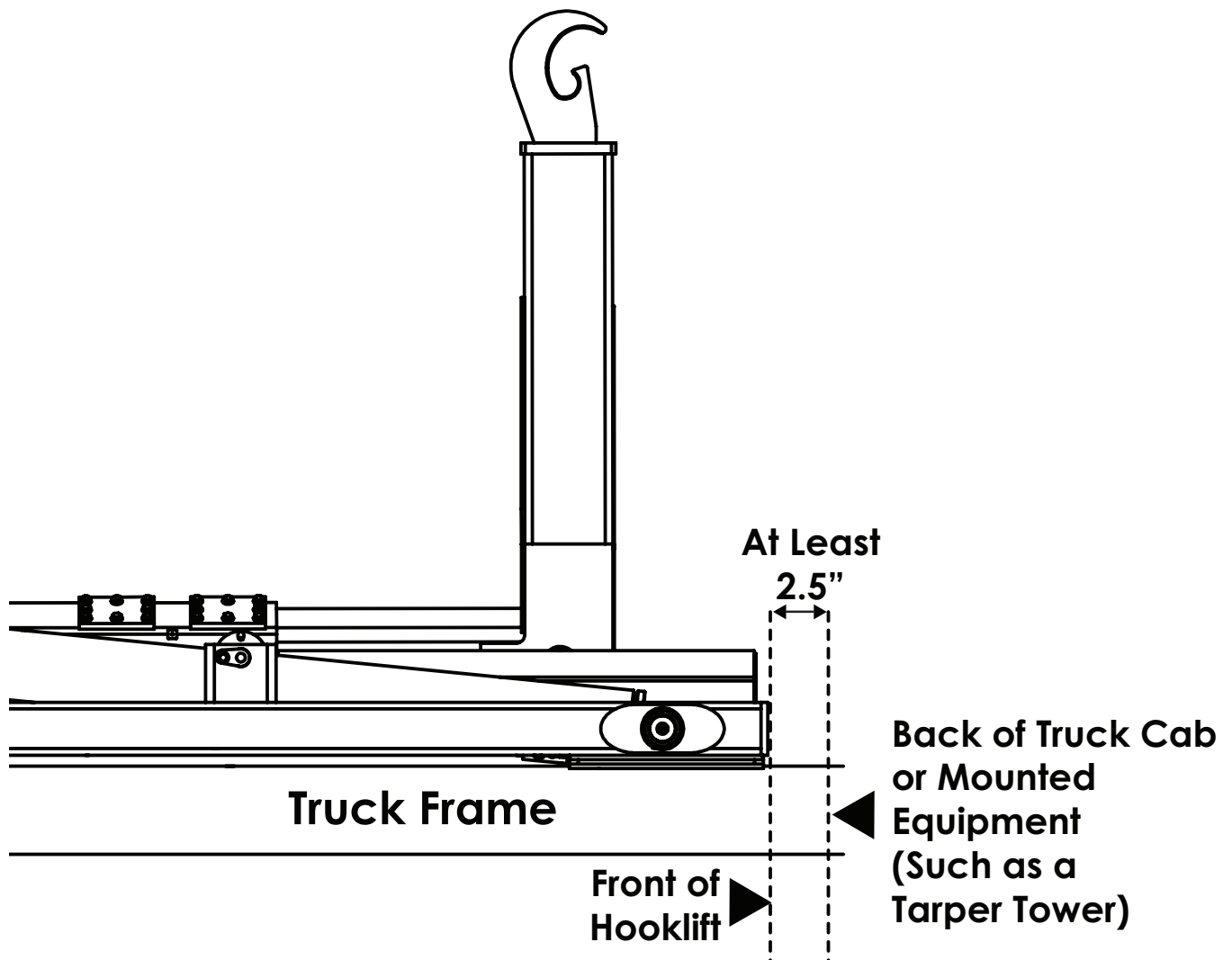
		GRADE 5		GRADE 8		GRADE 9
						
Size (DIA-TPI)	Bolt DIA (Inches)	Plain (Ft-Lb)	Plated (Ft-Lb)	Plain (Ft-Lb)	Plated (Ft-Lb)	Plated (Ft-Lb)
5/16-18	0.3125	17	13	25	18	22
3/8-16	0.3750	31	23	44	33	39
7/16-14	0.4375	49	37	70	52	63
1/2-13	0.5000	75	57	105	80	96
9/16-12	0.5625	110	82	155	115	139
5/8-11	0.6250	150	115	220	160	192
3/4-10	0.7500	265	200	375	280	340
7/8-9	0.8750	395	295	605	455	549
1-8	1.000	590	445	910	680	823
1 1/8-7	1.1250	795	595	1290	965	1167
1 1/4-7	1.2500	1120	840	1815	1360	1646
1 3/8-6	1.3750	1470	1100	2380	1780	2158
1 1/2-6	1.500	1950	1460	3160	2370	2865

## Installation Note

Every hooklift installation is unique. However, certain guidelines exist that apply to every model. Listed below is a general set of chronological steps that may be followed when installing a Stellar Hooklift. If any questions arise during the installation process, feel free to contact your local dealer or Stellar Customer Service at 800-321-3741.

### Step 1: Set the hooklift onto the truck frame.

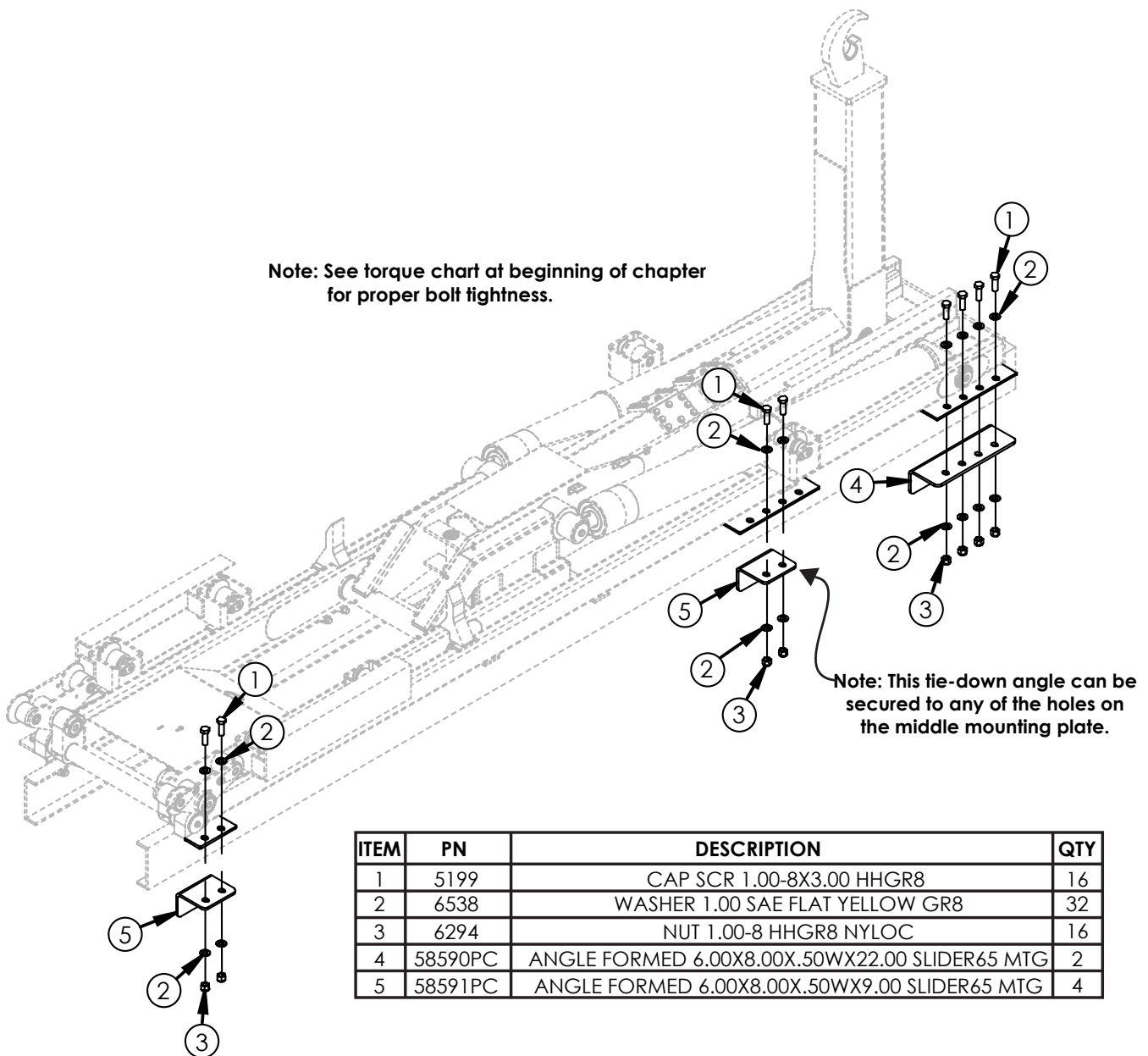
- Visually inspect the truck and look for any potential issues. For example: Clearance problems, cross members extending too high, insufficient room in front of the Slider for tarpers, exhaust manifolds, etc., or insufficient room in the rear to allow for bumper selection. *Note: Stellar Industries recommends allowing 12" behind the start of clear truck frame for installation of a tarping system.*
- Be sure to square the Slider on the truck frame to allow for proper measurement. The front of the hooklift needs to be at least 2.50" behind the cab or any equipment mounted behind the cab. *Note: On some Slider models, the jib may extend beyond the front of the base.*



## Step 2: Bolt Tie-Down Angles to Mounting Plates.

- Bolt each tie-down angle to the underside of each mounting plate located on the outside of the main rails of the base (both sides):

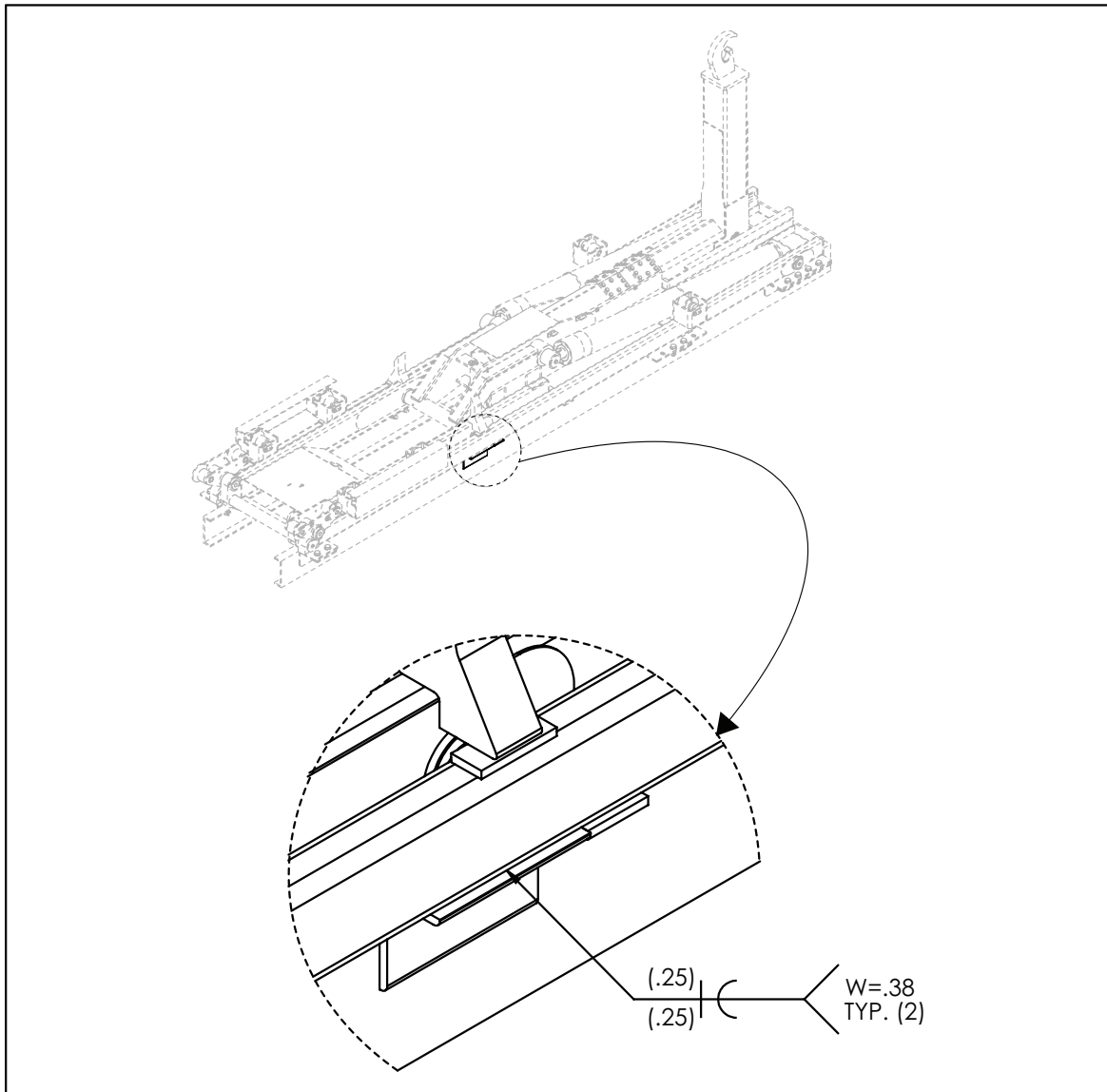
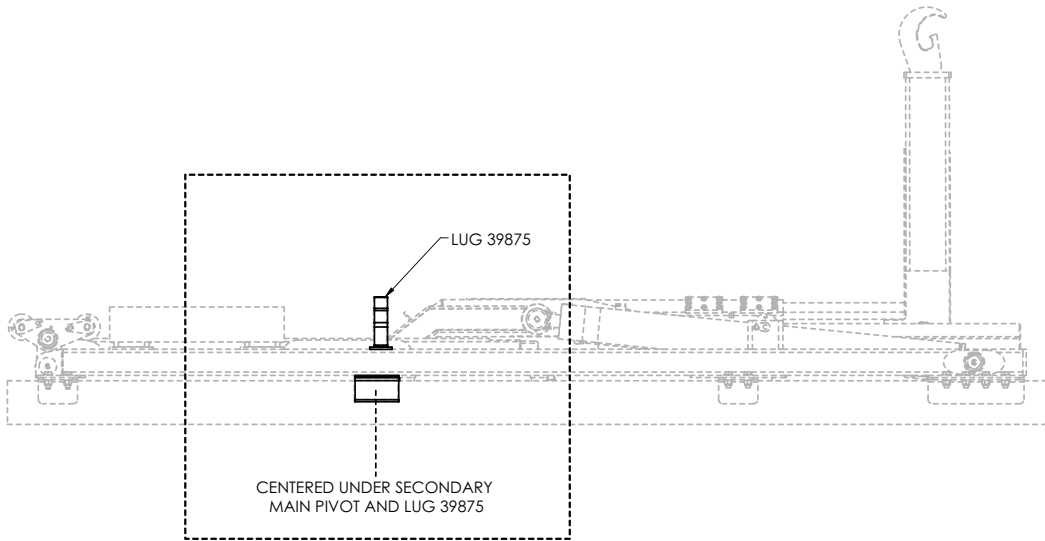
Note: See torque chart at beginning of chapter for proper bolt tightness.



Note: See Mounting Kit PN 58597 in this chapter for an overview of the mounting process.

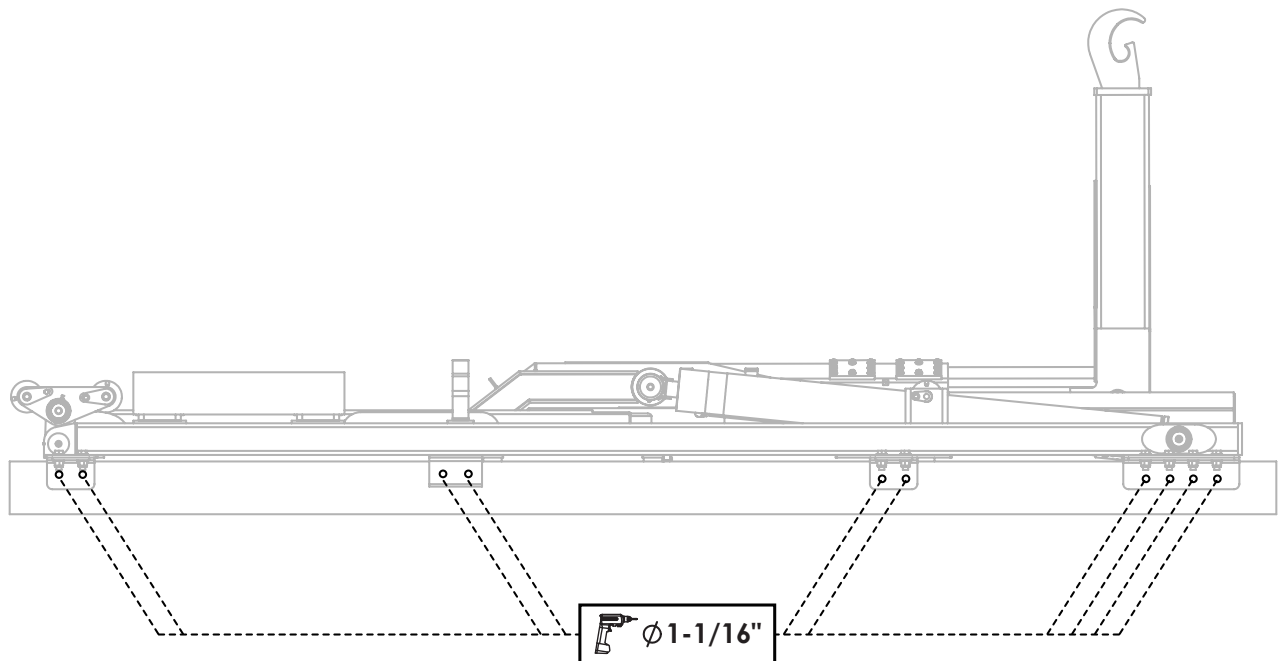
# Step 3: Weld Tie-Down Angle to Mounting Plates.

Center the final tie-down angle under the secondary main pivot and lug PN 39875. Weld the tie-down angle to the underside of base main rail (both sides):



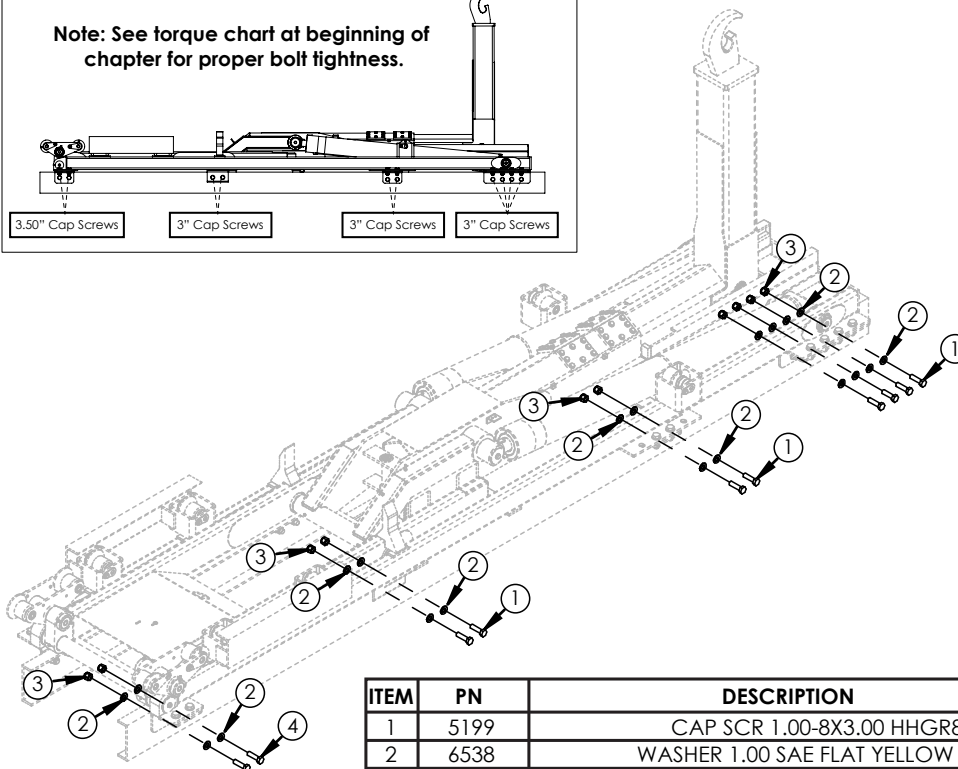
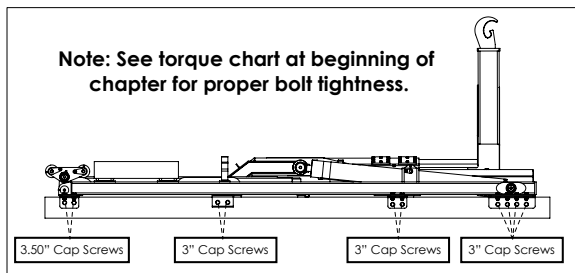
## Step 4: Drill Mounting Holes into Frame Rail.

- Using the tie-down castings as a guide, drill 1-1/16" holes through the truck frame as shown:



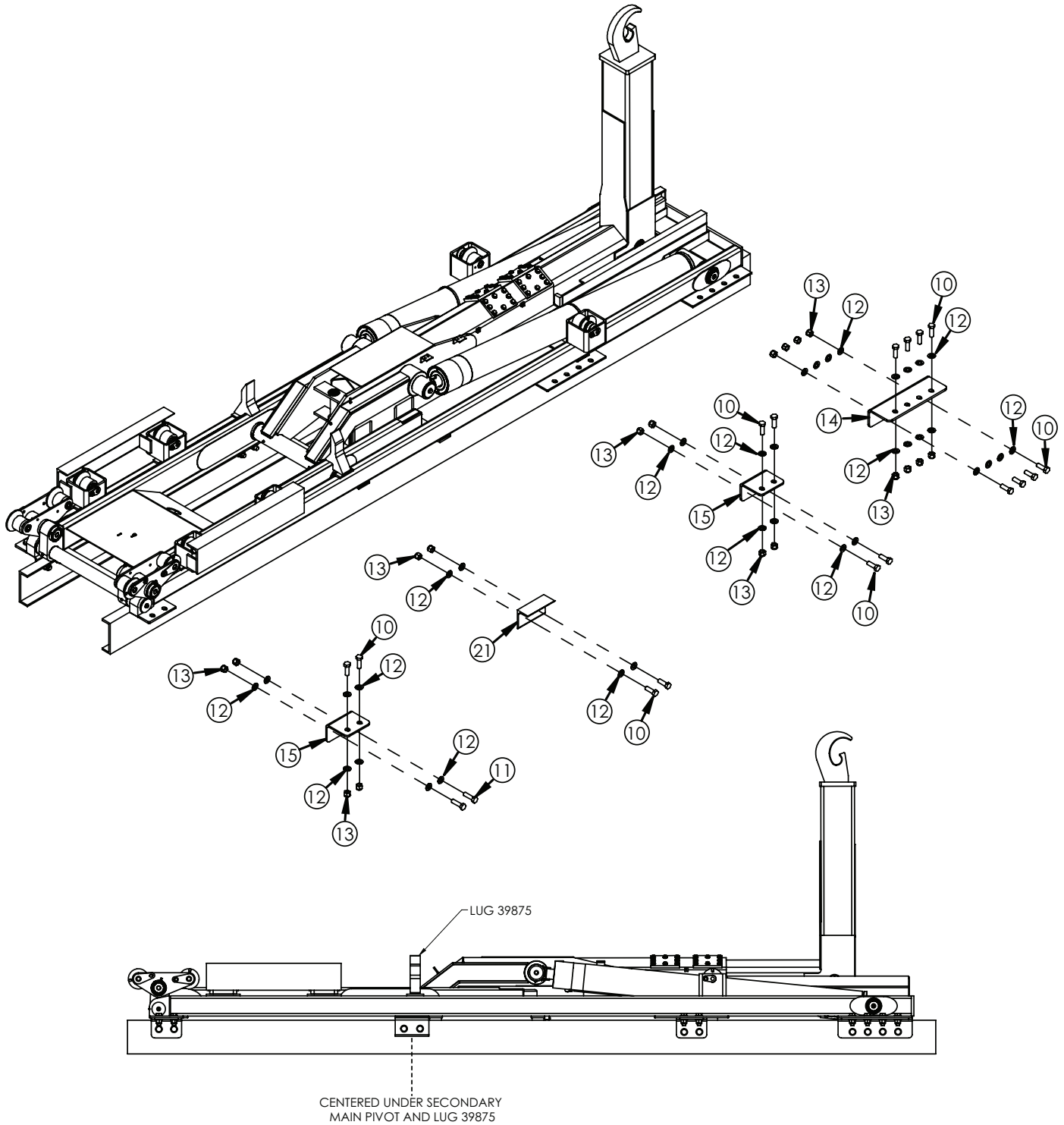
## Step 5: Bolt Tie-Down Angles to Truck Frame.

- Bolt each tie-down angle to the truck frame (both sides):



ITEM	PN	DESCRIPTION	QTY
1	5199	CAP SCR 1.00-8X3.00 HHGR8	16
2	6538	WASHER 1.00 SAE FLAT YELLOW GR8	40
3	6294	NUT 1.00-8 HHGR8 NYLOC	20
4	12169	CAP SCR 1.00-8x3.50 HHGR8	4

# Mounting Kit Overview - PN 58597

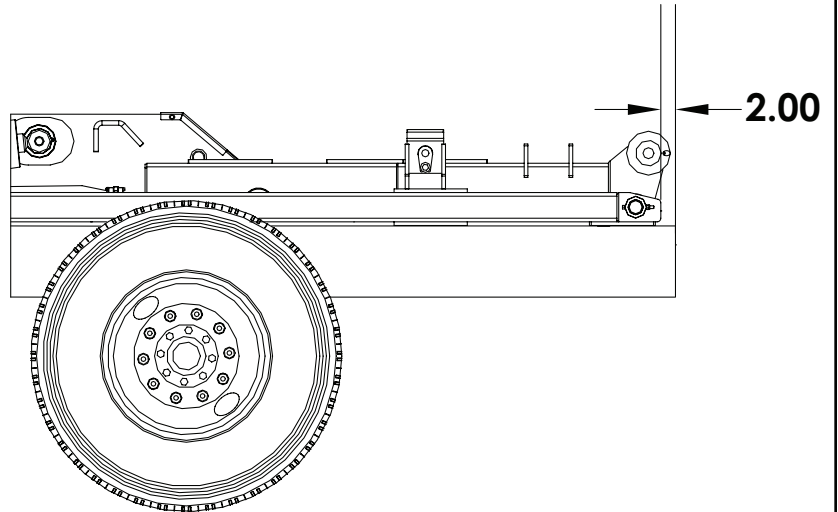


## PN 58597

ITEM	PART	DESCRIPTION	QTY.	ITEM	PART	DESCRIPTION	QTY.
1	D0045	BACKUP ALARM .97 DECIBAL	1				
2	C5942	PLATE SERIAL # TRUCK (NOT SHOWN)	1	12	6538	WASHER 1.00 SAE FLAT YELLOW GR8	72
3	8176	SCREW DRIVE #4X0.31 RND HD U ZINC (NOT SHOWN)	1	13	6294	NUT 1.00-8 HHGR8 NYLOC	36
4	35234	DECAL STELLAR MADE IN THE USA (NOT SHOWN)	1	14	58590PC	ANGLE FORMED 6.00X8.00X.50WX22.00 SLIDER65 MTG	2
5	33475	PLUG #10 PNLO-S (NOT SHOWN)	2	15	58591PC	ANGLE FORMED 6.00X8.00X.50WX9.00 SLIDER65 MTG	4
6	2771	PLUG 1/2 8PNLO (NOT SHOWN)	2	16	31827	DECAL KIT SLIDER IDENTIFICATION (NOT SHOWN)	1
7	42232	WOOD 4X4X40 SLIDER65 SHIPPING (NOT SHOWN)	1	17	34850	MANUAL CONTAINER ASM PLASTIC (NOT SHOWN)	1
8	24689	BOLT LAG 0.31 X 2.50 (NOT SHOWN)	2	18	34902	FOLDER SUPP PRODUCT INFORMATION (NOT SHOWN)	1
9	22886	LICENSE PLATE PLASTIC STELLAR LOGO (NOT SHOWN)	1	19	34903	MANUAL COVER VINYL (NOT SHOWN)	2
10	5199	CAP SCR 1.00-8X3.00 HHGR8	32	20	31806	DUMP UP LIGHT KIT BUYERS SK10 (NOT SHOWN)	1
11	12169	CAP SCR 1.00-8X3.50 HHGR8	4	21	39612PC	ANGLE TIE DOWN 6.00X4.00X0.50X10.00	2

## Step 6: Install bumper.

- See NHTSA (National Highway Truck Safety Administration) Regulations for acceptable placement.
- Modify the truck frame as necessary so that it ends 2" from the rear of the hooklift.



## Step 7: Install taper tower (If applicable).

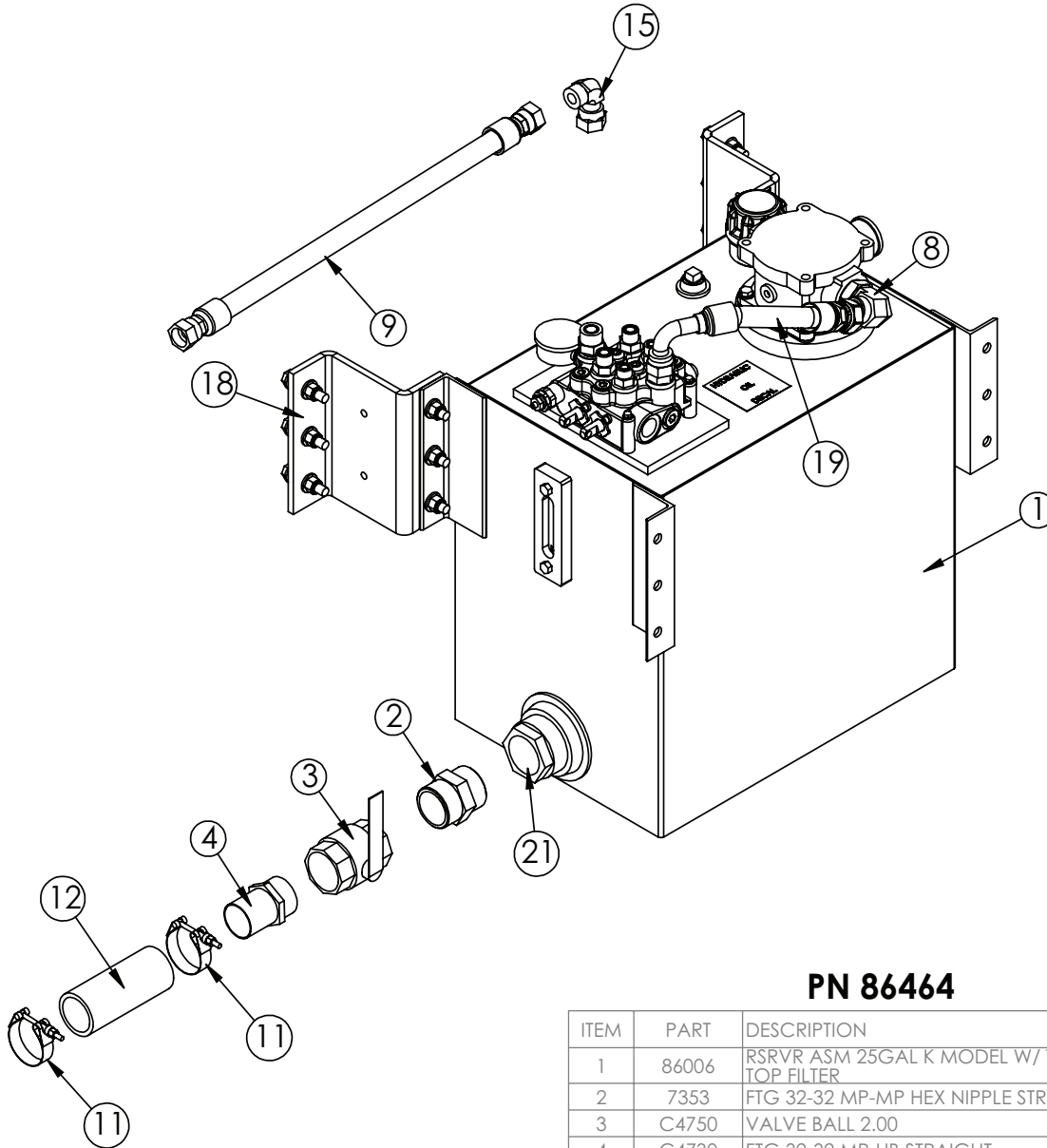
See brand specific installation instructions.

## Step 8: Install hydraulic reservoir and valve bank.

- Before drilling and bolting to the frame, confirm adequate room for cable routing between in-cab controls and the valve bank. **Note: The top of the reservoir should not be above the truck frame.**



# Reservoir Assembly (2 Section Cable Controls) - PN 86464



## PN 86464

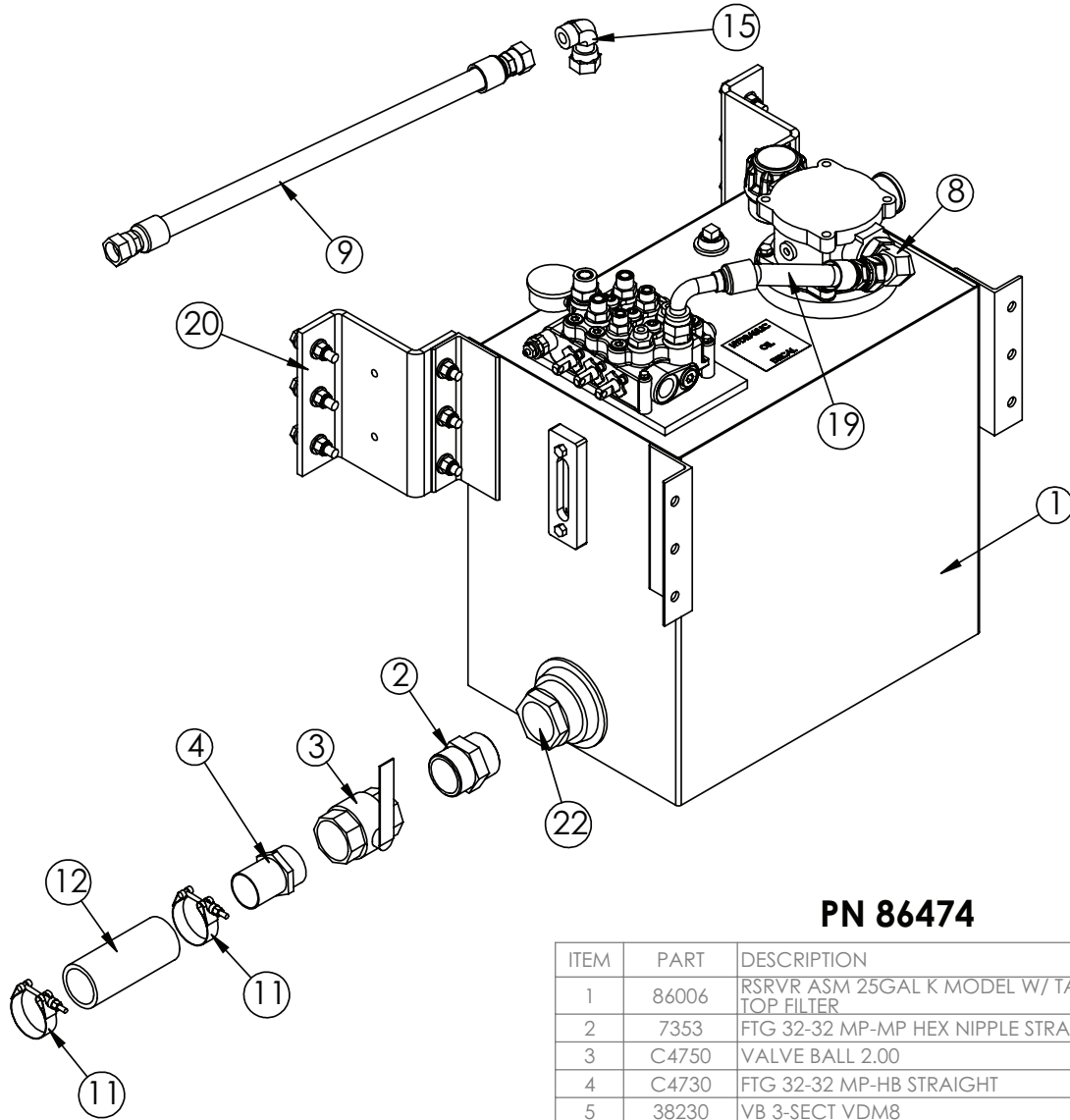
ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
2	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
3	C4750	VALVE BALL 2.00	1
4	C4730	FTG 32-32 MP-HB STRAIGHT	1
5	24611	VB 2-SECTION VDM8	1
6	0521	WASHER 0.25 LOCK	3
7	0339	CAP SCR 0.25-20X2.50 HHGR5	3
8	60395	FTG 16-20 MFS-MAORB 90	1
9	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
10	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
11	C4819	HOSE CLAMP 2.00	2
12	17766	HOSE SUCT 2.00 10FT	1
13	25630	FTG 10-4 MORB-FP STRAIGHT	1
14	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
15	c4903	FTG 12-12 MFS-FFSS 90	1
16	16152	FTG 10-10 MFS-MORB STRAIGHT	2
17	C2252	FTG 8-10 MFS-MORB STRAIGHT	2
18	83961	MNT KIT RSRVR 25G W/Z-BRKTS	1
19	86168	HOSE 0.75(300PSI)-16FFSS SHORT-12FFSS 90 SHORT-7.75CL	1
20	C2142	FTG 12-12 MFS-MORB STRAIGHT	1
21	C6327	FILTER STRAINER 35GAL TF-2030	1

NOTE: ITEMS NOT SHOWN

25941 - DECAL LOADER VB VDM8 HOSE LOACTION X 1

42971 - DECAL OIL FILTER CHANGE X 1

# Reservoir Assembly (3 Section Cable Controls) - PN 86474



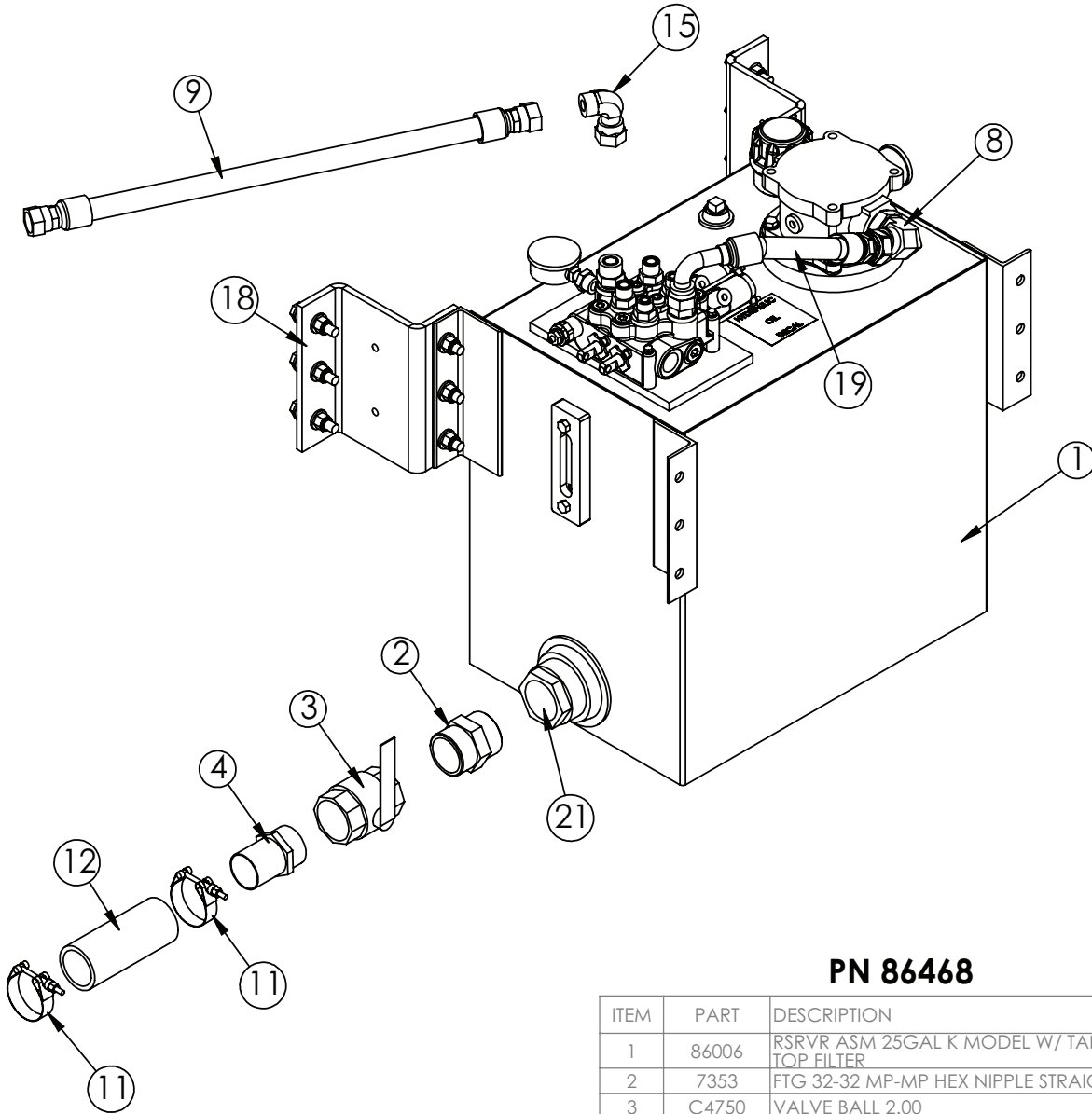
## PN 86474

ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
2	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
3	C4750	VALVE BALL 2.00	1
4	C4730	FTG 32-32 MP-HB STRAIGHT	1
5	38230	VB 3-SECT VDM8	1
6	0521	WASHER 0.25 LOCK	3
7	0339	CAP SCR 0.25-20X2.50 HHGR5	3
8	60395	FTG 16-20 MFS-MAORB 90	1
9	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
10	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
11	C4819	HOSE CLAMP 2.00	2
12	17766	HOSE SUCT 2.00 10FT	1
13	25630	FTG 10-4 MORB-FP STRAIGHT	1
14	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
15	c4903	FTG 12-12 MFS-FFSS 90	1
16	16152	FTG 10-10 MFS-MORB STRAIGHT	2
17	C2252	FTG 8-10 MFS-MORB STRAIGHT	2
18	C1855	FTG 6-10 MFS-MORB STRAIGHT	2
19	86168	HOSE 0.75(300PSI)-1.6FFSS SHORT-12FFSS 90 SHORT-7.75CL	1
20	83961	MNT KIT RSRVR 25G W/Z-BRKTS	1
21	C2142	FTG 12-12 MFS-MORB STRAIGHT	1
22	C6327	FILTER STRAINER 35GAL TF-2030	1

**NOTE: ITEMS NOT SHOWN**

- 25941 - DECAL LOADER VB VDM8 HOSE LOACTION X 1
- 42971 - DECAL OIL FILTER CHANGE X 1
- 26182 - PORT RELIEF VDM8 2500 PSI X 2

# Reservoir Assembly (2 Section Air Controls) - PN 86468

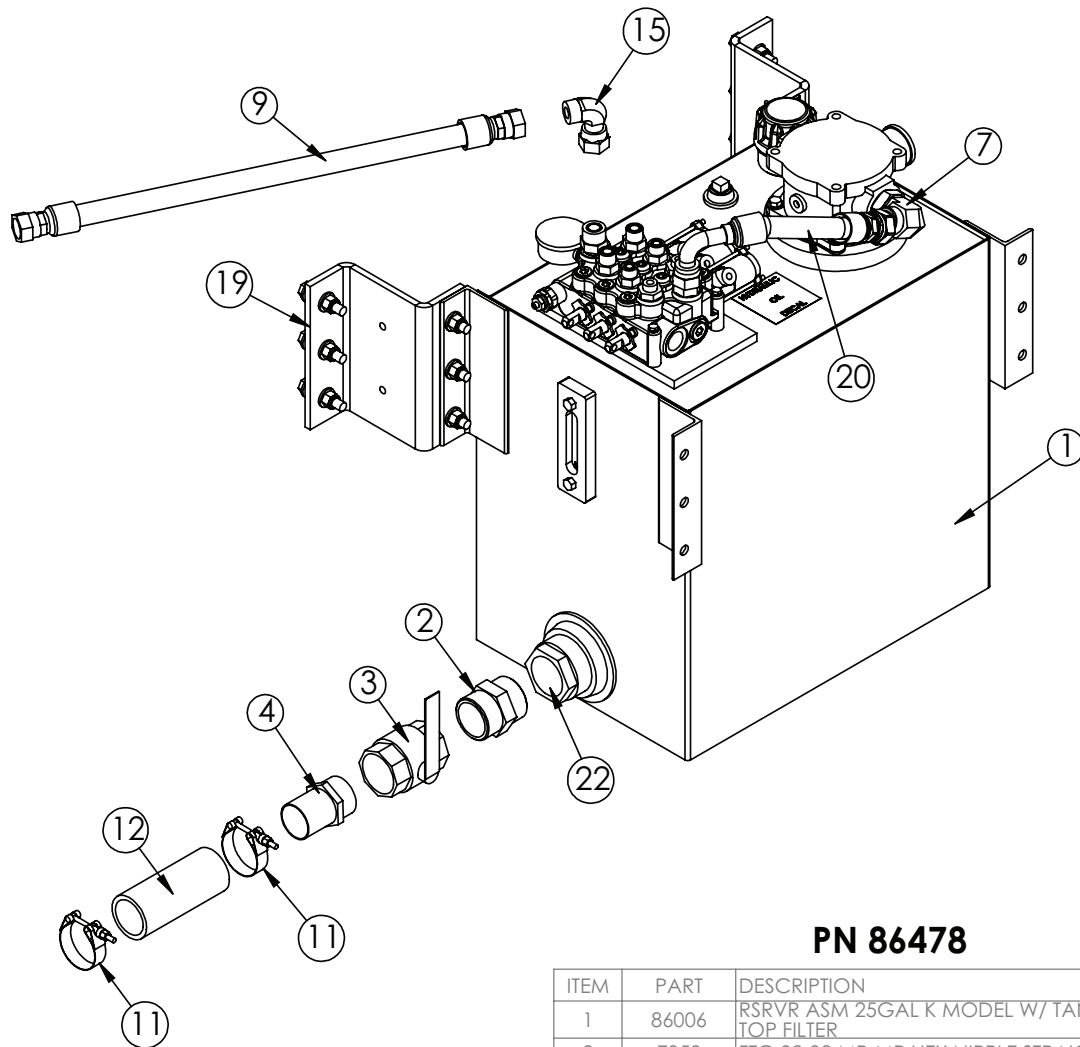


## PN 86468

ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
2	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
3	C4750	VALVE BALL 2.00	1
4	C4730	FTG 32-32 MP-HB STRAIGHT	1
5	25940	VB 2-SECTION VDM8 W/AIR ACTUATORS	1
6	0521	WASHER 0.25 LOCK	3
7	0339	CAP SCR 0.25-20X2.50 HHGR5	3
8	60395	FTG 16-20 MFS-MAORB 90	1
9	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
10	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
11	C4819	HOSE CLAMP 2.00	2
12	17766	HOSE SUCT 2.00 10FT	1
13	25630	FTG 10-4 MORB-FP STRAIGHT	1
14	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
15	c4903	FTG 12-12 MFS-FFSS 90	1
16	16152	FTG 10-10 MFS-MORB STRAIGHT	2
17	C2252	FTG 8-10 MFS-MORB STRAIGHT	2
18	83961	MNT KIT RSRVR 25G W/Z-BRKTS	1
19	86168	HOSE 0.75(300PSI)-1.6FFSS SHORT-12FFSS 90 SHORT-7.75CL	1
20	C2142	FTG 12-12 MFS-MORB STRAIGHT	1
21	C6327	FILTER STRAINER 35GAL TF-2030	1

NOTE: ITEMS NOT SHOWN  
 25941 - DECAL LOADER VB VDM8 HOSE LOACTION X 1  
 42971 - DECAL OIL FILTER CHANGE X 1

# Reservoir Assembly (3 Section Air Controls) - PN 86478



## PN 86478

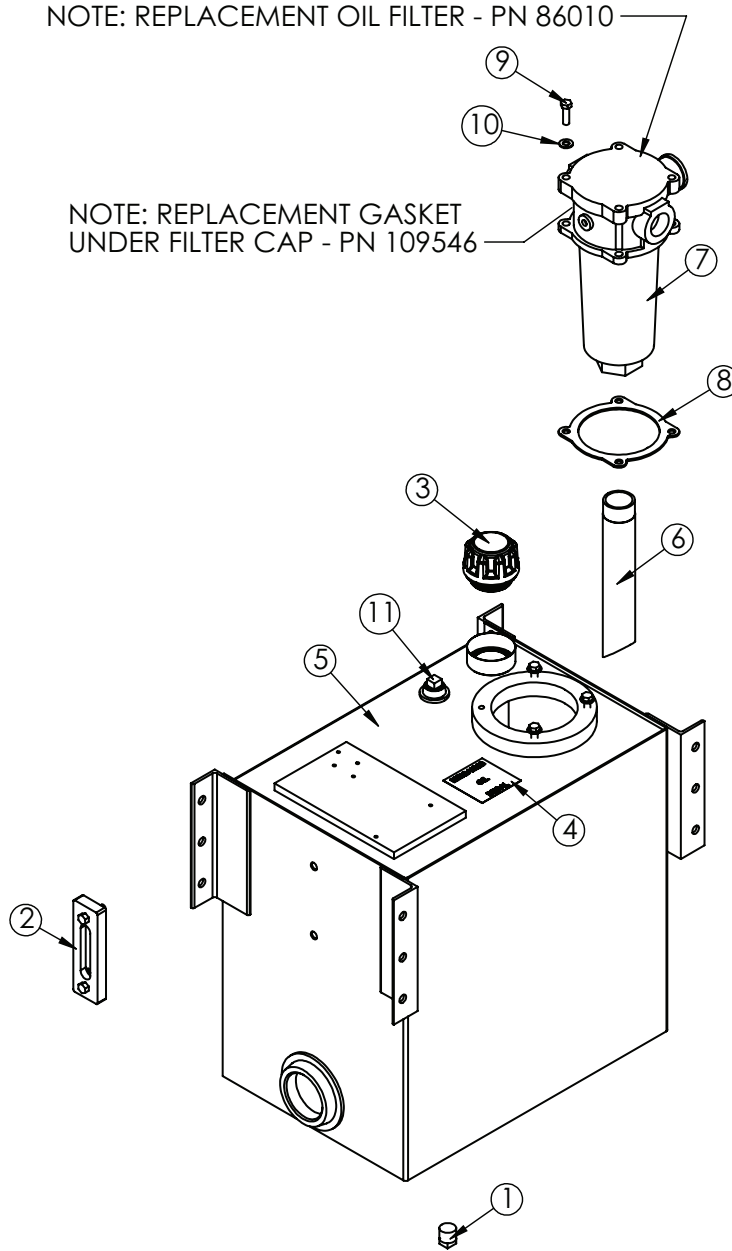
ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
2	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
3	C4750	VALVE BALL 2.00	1
4	C4730	FTG 32-32 MP-HB STRAIGHT	1
5	47562	VB 3-SECTION VDM8 W/AIR ACTUATORS	1
6	0521	WASHER 0.25 LOCK	3
7	60395	FTG 16-20 MFS-MAORB 90	1
8	C2252	FTG 8-10 MFS-MORB STRAIGHT	2
9	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
10	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
11	C4819	HOSE CLAMP 2.00	2
12	17766	HOSE SUCT 2.00 10FT	1
13	25630	FTG 10-4 MORB-FP STRAIGHT	1
14	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
15	c4903	FTG 12-12 MFS-FFSS 90	1
16	C1855	FTG 6-10 MFS-MORB STRAIGHT	2
17	0339	CAP SCR 0.25-20X2.50 HHGR5	3
18	16152	FTG 10-10 MFS-MORB STRAIGHT	2
19	83961	MNT KIT RSRVR 25G W/Z-BRKTS	1
20	86168	HOSE 0.75(300PSI)-1 6FFSS SHORT-12FFSS 90 SHORT-7.75CL	1
21	C2142	FTG 12-12 MFS-MORB STRAIGHT	1
22	C6327	FILTER STRAINER 35GAL TF-2030	1

NOTE: ITEMS NOT SHOWN  
 25941 - DECAL LOADER VB VDM8 HOSE LOCATION X 1  
 42971 - DECAL OIL FILTER CHANGE X 1  
 26182 - PORT RELIEF VDM8 2500 PSI X 2

# Reservoir Subassembly - PN 86006

NOTE: REPLACEMENT OIL FILTER - PN 86010

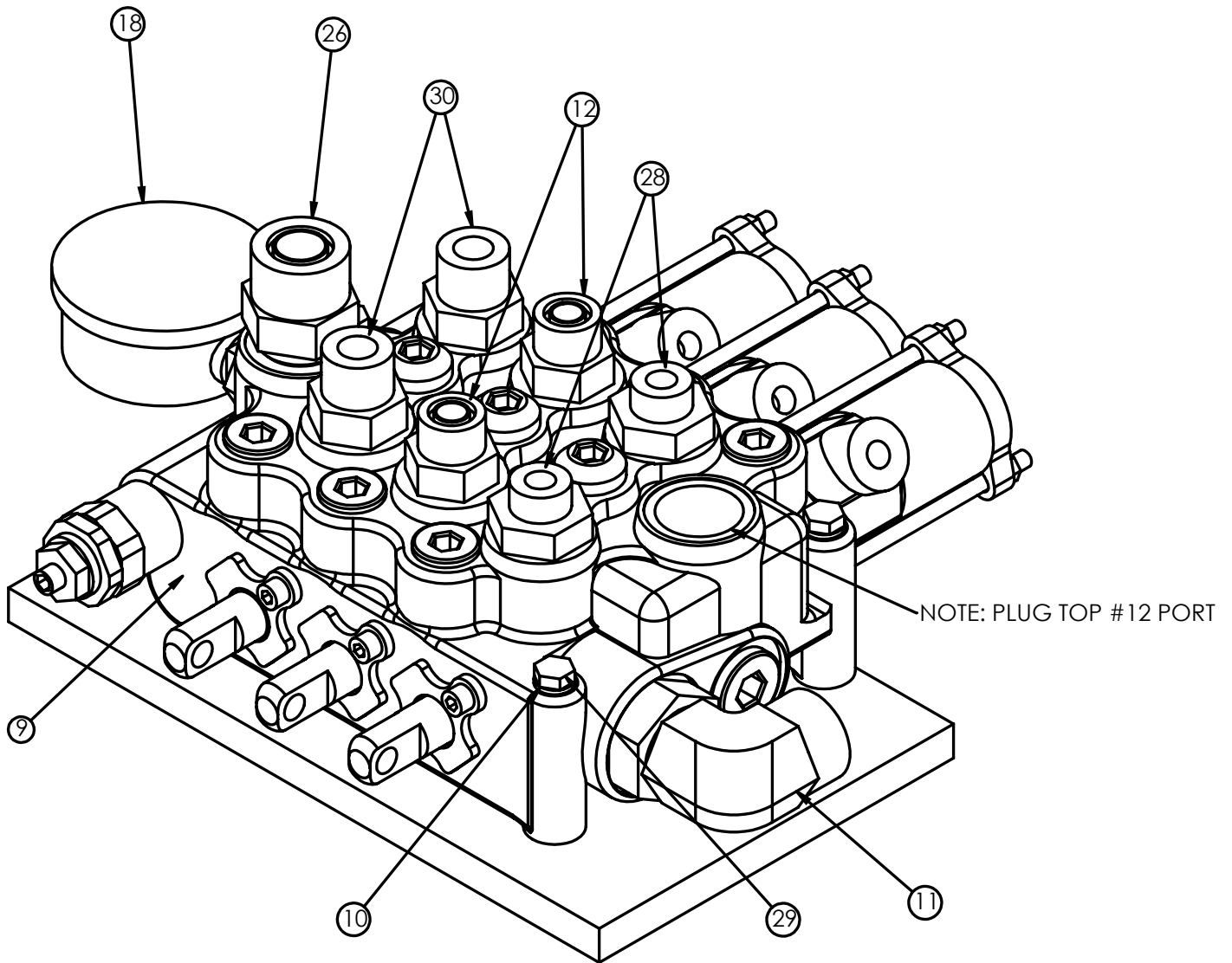
NOTE: REPLACEMENT GASKET UNDER FILTER CAP - PN 109546



## PN 86006

ITEM	PART	DESCRIPTION	QTY
1	C2126	MAGNETIC PLUG DRAIN 3/4"	1
2	15463	THERMO SIGHT GAUGE ZINGA SG-O5-A-T-N	1
3	73278	CAP FILL 1PSI ZINGA THREADED	1
4	13002	DECAL HYD OIL SPECIFICATION MOBIL	1
5	86007	RSRVR 25GAL K MODEL W/ TANK TOP FILTER	1
6	66656	FILTER PIPE TANK TOP	1
7	85928	FILTER TANK TOP 20 FORB	1
8	58396	GASKET RG-11 TANK TOP FILTER	1
9	0335	CAP SCR 0.38-16X1.25 HHGR5	4
10	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	4
11	C4845	PLUG 0.75 NPT SQ HD BLK	1

## Step 8: Install hydraulic reservoir and valve bank continued...

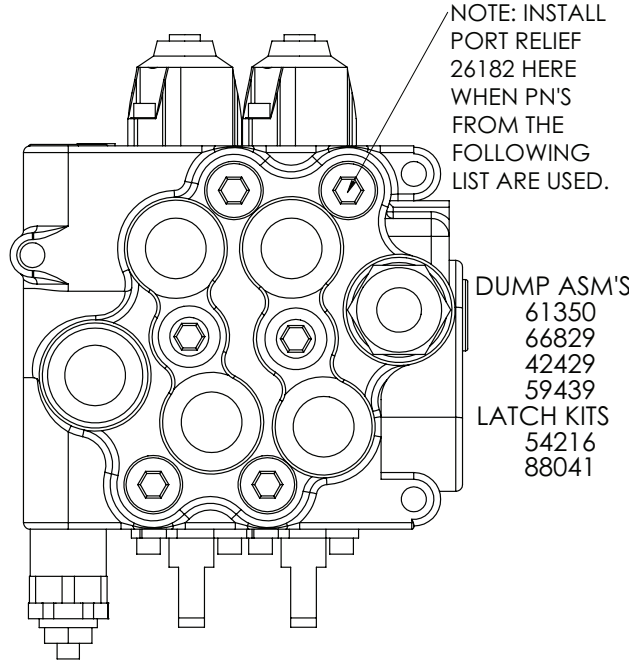


ITEM	PART	DESCRIPTION	QTY
9	47562	VB 3-SECTION VDM8 W/AIR ACTUATORS	1
10	0521	WASHER 0.25 LOCK	3
11	C5968	FTG 12-12 MFS-MAORB 90	1
12	C2252	FTG 8-10 MFS-MORB STRAIGHT	2
18	10094	GAUGE OIL LF 2.5" 0-500 BM	1
26	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
28	C1855	FTG 6-10 MFS-MORB STRAIGHT	2
29	0339	CAP SCR 0.25-20X2.50 HHGR5	3
30	16152	FTG 10-10 MFS-MORB STRAIGHT	2

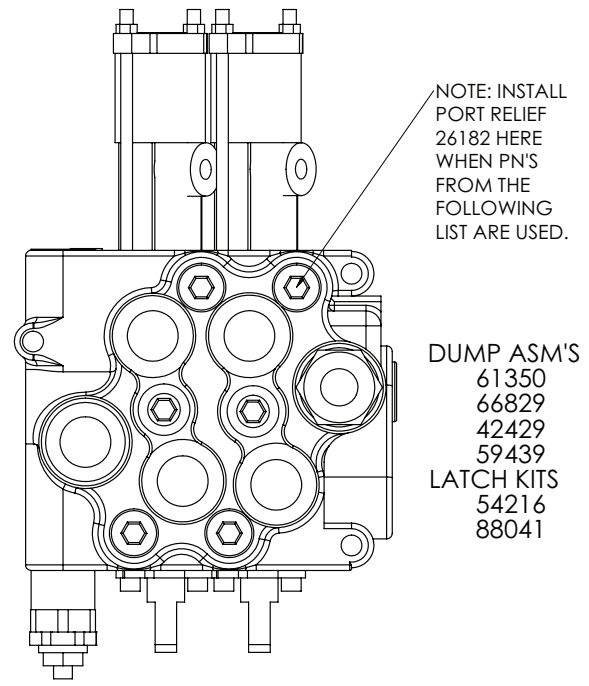
# Step 8: Install hydraulic reservoir and valve bank continued...

## 2 Section Valve Bank

### Cable Controls

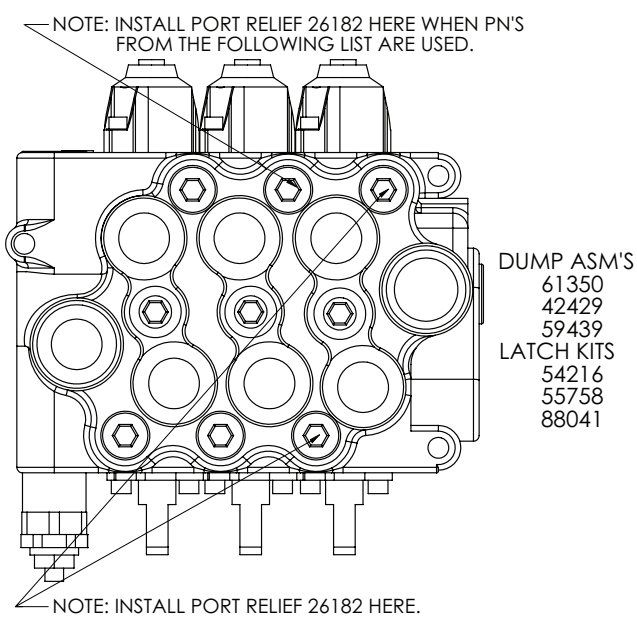


### Air Controls

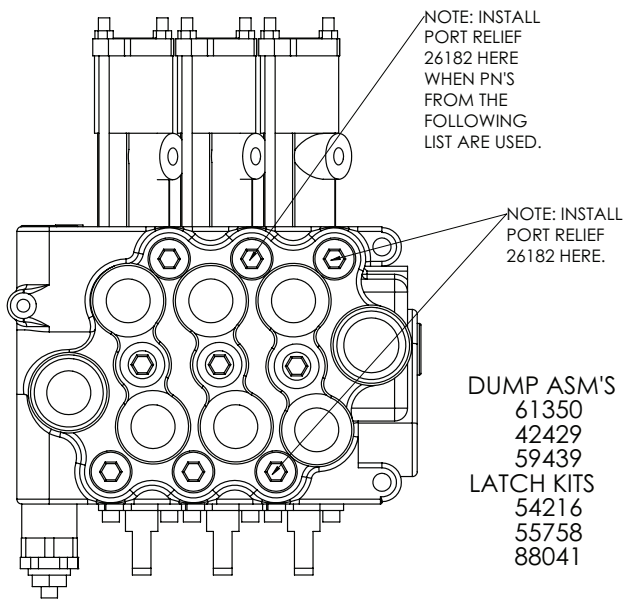


## 3 Section Valve Bank

### Cable Controls



### Air Controls



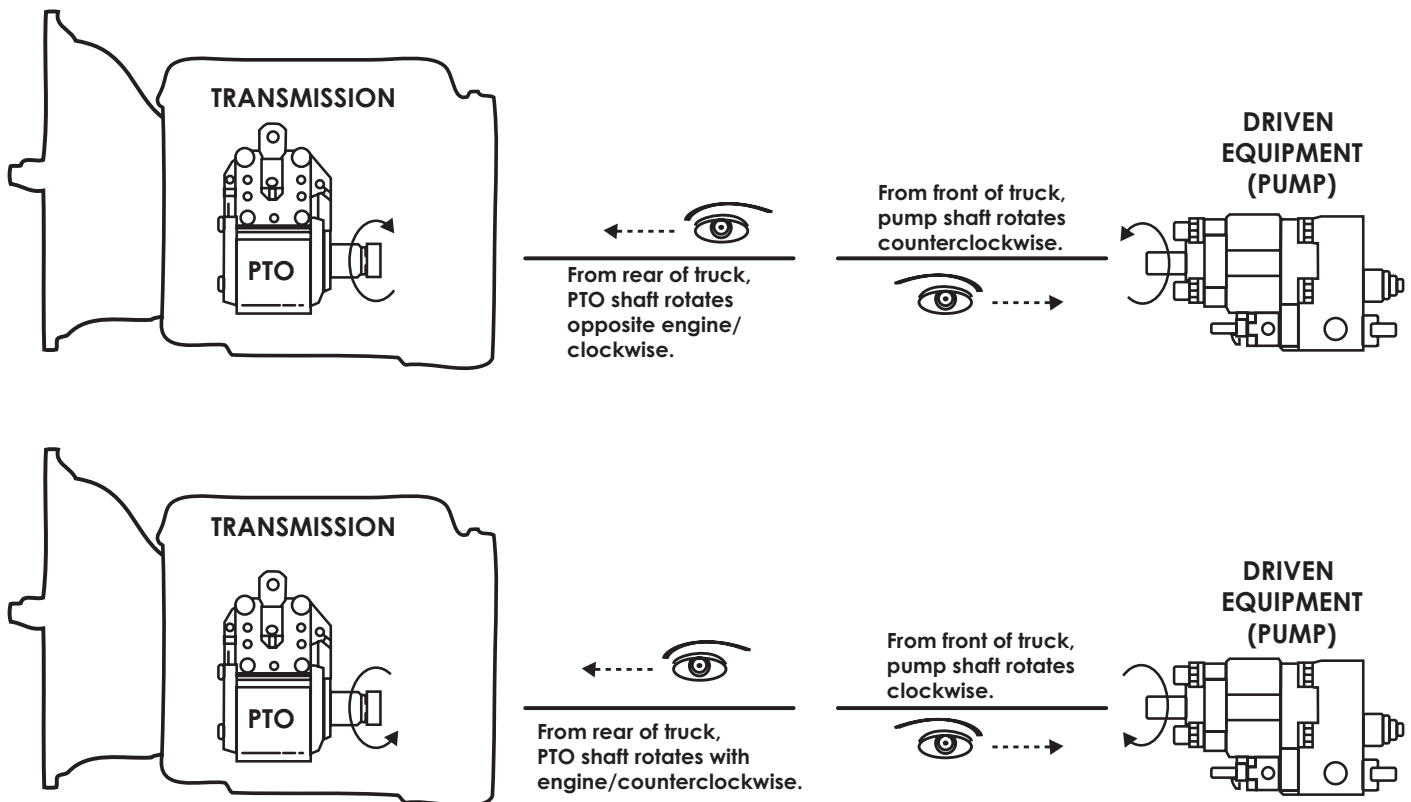
## Step 9: Install PTO and pump.

- Before installing the pump to the PTO, always check the direction of the PTO output shaft to determine which direction the hydraulic pump needs to rotate to operate the equipment. If this is not determined prior to installing the hydraulic pump, the hydraulic pump may rotate in the incorrect direction and damage the front shaft seal.

### PTO Direction of Rotation Tip:

Viewed by standing at the rear of the vehicle, looking forward at the PTO shaft, with the PTO shaft pointing toward the rear of the vehicle:

P.T.O.	Driven Equipment
Rotates Opposite Engine (looks "clockwise")	Driven equipment must rotate counterclockwise (also called left-hand rotation, "A" for anti-clockwise or C.C.W. for counter clockwise).
Rotates With Engine (looks "counterclockwise")	Driven equipment must rotate clockwise (also called right-hand rotation or "C" for clockwise).



*Remember that the PTO is specified by looking from the rear of the truck to the front of the truck. The driven equipment (pump) is specified by looking from the front of the truck to the rear of the truck.*

- Use the brand specific PTO/Pump installation instructions. If the directions are not quite clear, contact Stellar® Customer Service or consult with a hydraulic specialty house or company prior to installation.



# Step 10: Route hydraulic hoses.

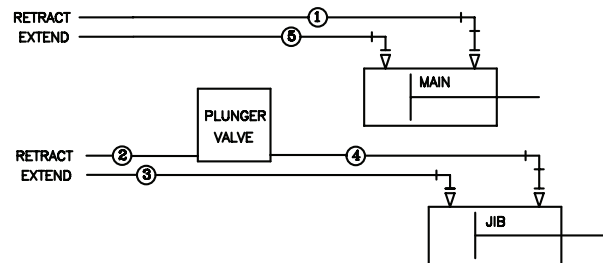
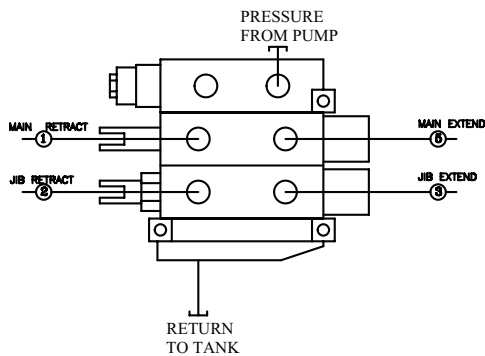
1. Route hose line from the reservoir to the pump (See hose kit drawing for details).
2. Route hose line from the pump to the valve bank (See hose kit drawing for details).
3. Route hose line from the valve bank to the reservoir (See hose kit drawing for details).
4. Route hose line from the valve bank and the hooklift (See hose kit drawing for details).

*Note: If using the Power Beyond feature for additional function, see "Power Beyond VDM8 Valve" later in this chapter for further details.*

## Notes on hose line routing:

- Protect these lines with hose wrap when necessary.
- Keep these lines away from sharp edges.
- Keep these lines away from the exhaust or other temperature extreme items.
- Keep these lines away from the driveshaft or other moving items.

## Hose Kit - PN 38955 (Fixed Hook Height Models)

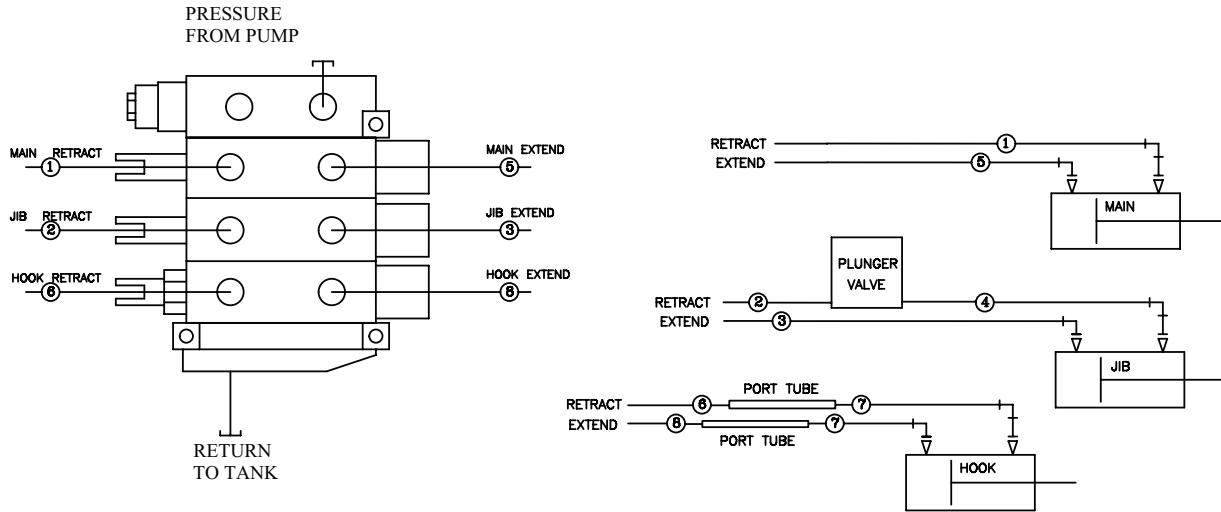


05	41124	HOSE 0.63(4500PSI)-10FFSS-10FFSS 90 LONG-96CL	1
04	84700	HOSE 0.50(4500PSI)-8MFS-8FFSS 90 SHORT-190CL	1
03	41121	HOSE 0.50(4500PSI)-8FFSS-8FFSS 90 SHORT-360CL	1
02	42216	HOSE 0.50(4500PSI)-8FFSS-8FFSS 90 SHORT-132CL	1
01	41125	HOSE 0.63(4500PSI)-10FFSS-10FFSS 90 SHORT-96CL	1
ITEM	PART No.	DESCRIPTION	QTY

NOTE: SYSTEM PRESSURE IS 4500 P.S.I.

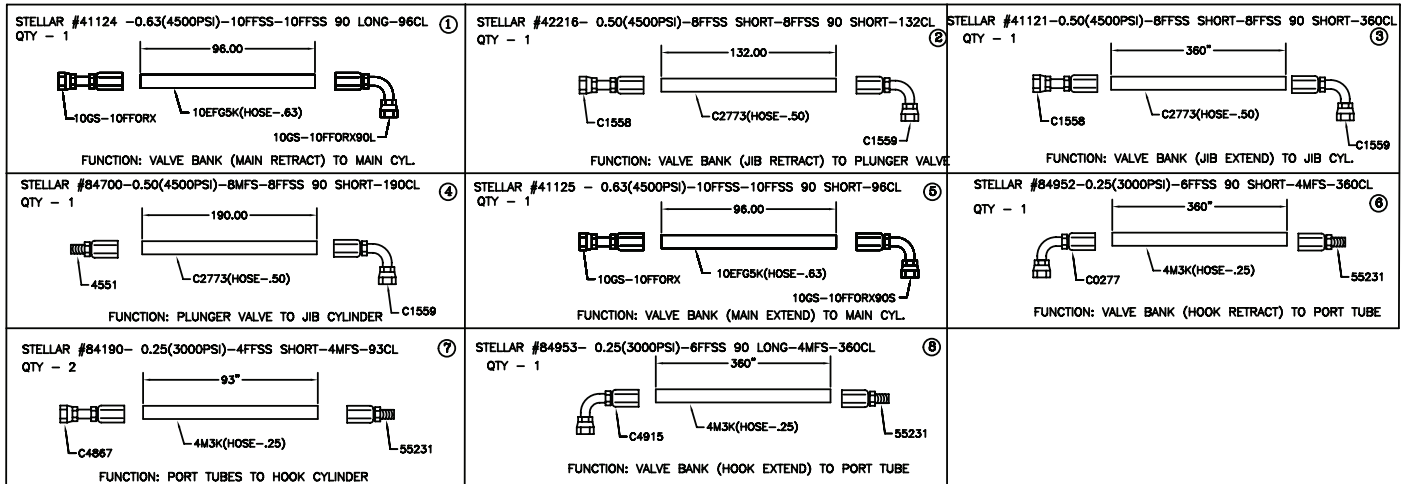
<p>STELLAR #41121- 0.50(4500PSI)-8FFSS-8FFSS 90 SHORT -360CL QTY - 1</p> <p>FUNCTION: VALVE BANK (JIB EXTEND) TO JIB CYLINDER</p>	③	<p>STELLAR #42216 -0.50(4500PSI)-8FFSS-8FFSS 90 SHORT-132CL QTY - 1</p> <p>FUNCTION: VALVE BANK (JIB RETRACT) TO PLUNGER VALVE</p>	②
<p>STELLAR #84700 - 0.50(4500PSI)-8MFS-8FFSS 90 SHORT-190CL QTY - 1</p> <p>FUNCTION: PLUNGER VALVE TO JIB CYLINDER</p>	④	<p>STELLAR #41124 -0.63(4500PSI)-10FFSS-10FFSS 90 LONG-96CL QTY - 1</p> <p>FUNCTION: VALVE BANK TO MAIN CYLINDER</p>	⑤
<p>STELLAR #41125 - 0.63(4500PSI)-10FFSS-10FFSS 90 SHORT-96CL QTY - 1</p> <p>FUNCTION: VALVE BANK TO MAIN CYLINDER</p>			①

# Hose Kit - PN 84958 (Adjustable Hook Height Models)



ITEM	PART No.	DESCRIPTION	QTY
08	84953	HOSE 0.25(3000PSI)-6FFSS 90 LONG-4MFS-360CL	1
07	84190	HOSE 0.25(3000PSI)-4FFSS SHORT-4MFS-93CL	2
06	84952	HOSE 0.25(3000PSI)-6FFSS 90 SHORT-4MFS-360CL	1
05	41124	HOSE 0.63(4500PSI)-10FFSS-10FFSS 90 LONG-96CL	1
04	84700	HOSE 0.50(4500PSI)-8MFS-8FFSS 90 SHORT-190CL	1
03	41121	HOSE 0.50(4500PSI)-8FFSS SHORT-8FFSS 90 SHORT-360CL	1
02	42216	HOSE 0.50(4500PSI)-8FFSS SHORT-8FFSS 90 SHORT-132CL	1
01	41125	HOSE 0.63(4500PSI)-10FFSS-10FFSS 90 SHORT-96CL	1

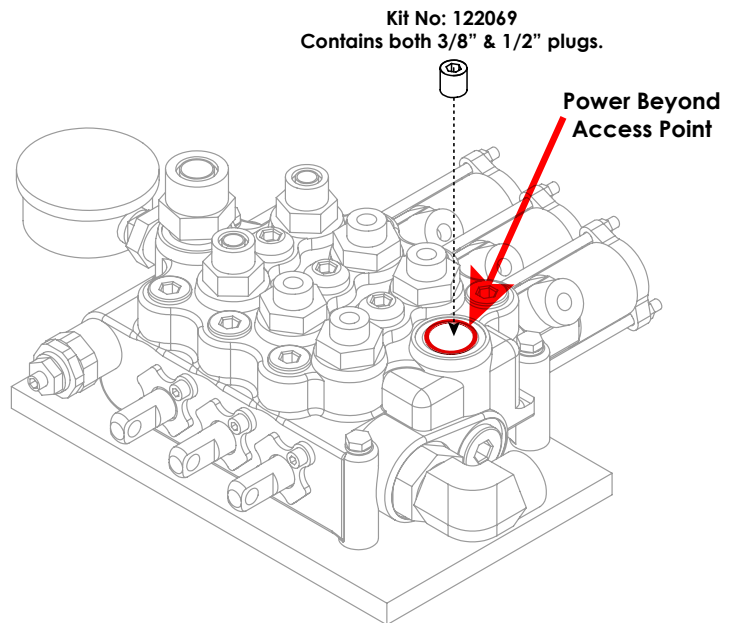
NOTE: SYSTEM PRESSURE IS 4500 P.S.I.



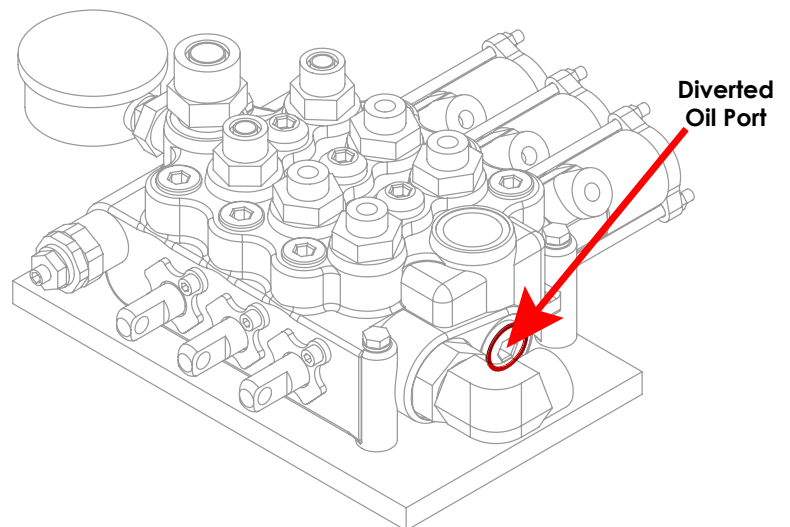
## Power Beyond VDM8 Valve

These instructions are intended for correct installation of power beyond on a Salami VDM8 valve bank. If any hydraulic component is integrated after this valve the power beyond must be installed correctly, or serious damage may incur to the hydraulic system.

1. Remove cover / access plug to reveal the power beyond access point. Can also be used as the Return / Tank port.
2. Install one (either 1/2" or 3/8") plug from kit number:122069 into lower portion of cavity to activate the power beyond feature. Use thread sealer. (Tape sealers not recommended.)



3. The Power Beyond feature is now activated and will divert oil to alternate system via the port shown.



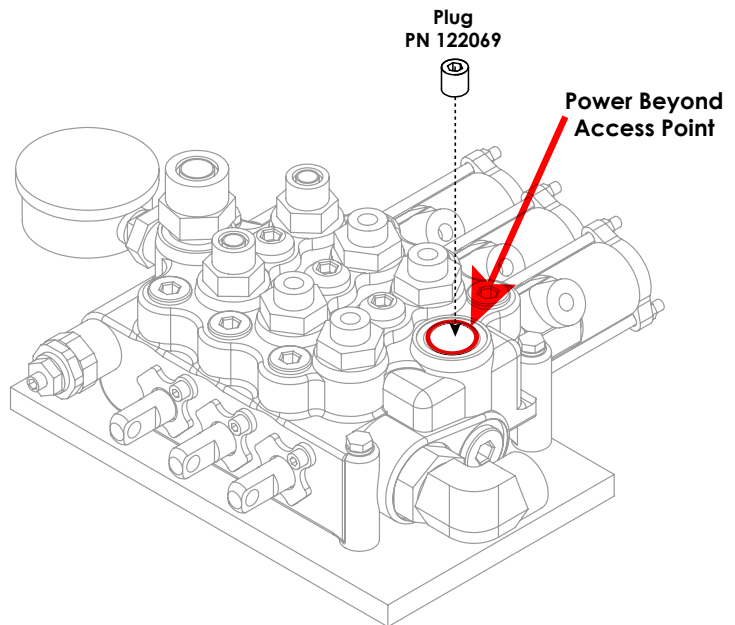
### NOTES:

- THE RETURN / TANK LINE MUST BE CONNECTED TO THE TOP OR THE SIDE PORT, LABELED "T".
- USING THE RETURN LINE TO RUN AUXILIARY EQUIPMENT WILL DIRECTLY RESULT IN A FAILURE, AND WILL NOT IN ANY CIRCUMSTANCE, BE COVERED UNDER WARRANTY.
- A STANDARD STELLAR® HOOKLIFT WILL HAVE 6 HYDRAULIC LINES ATTACHED TO THE VALVE. WITH POWER BEYOND ACTIVATED, THEY WILL HAVE 7 HYDRAULIC LINES ATTACHED TO THE VALVE.

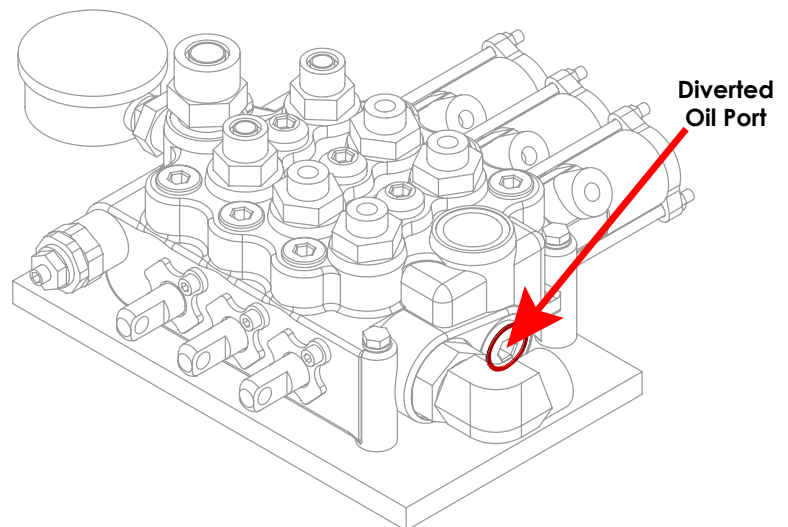
## Power Beyond VDM8 Valve

These instructions are intended for correct installation of power beyond on a Salami VDM8 valve bank. If any hydraulic component is integrated after this valve the power beyond must be installed correctly, or serious damage may incur to the hydraulic system.

1. Remove cover/access plug to reveal the power beyond access point. Can also be used as the Return/Tank port.
2. Install 3/8" straight thread pipe plug (PN 5597) into lower portion of cavity to activate the power beyond feature. Use thread sealer (tape sealers not recommended).



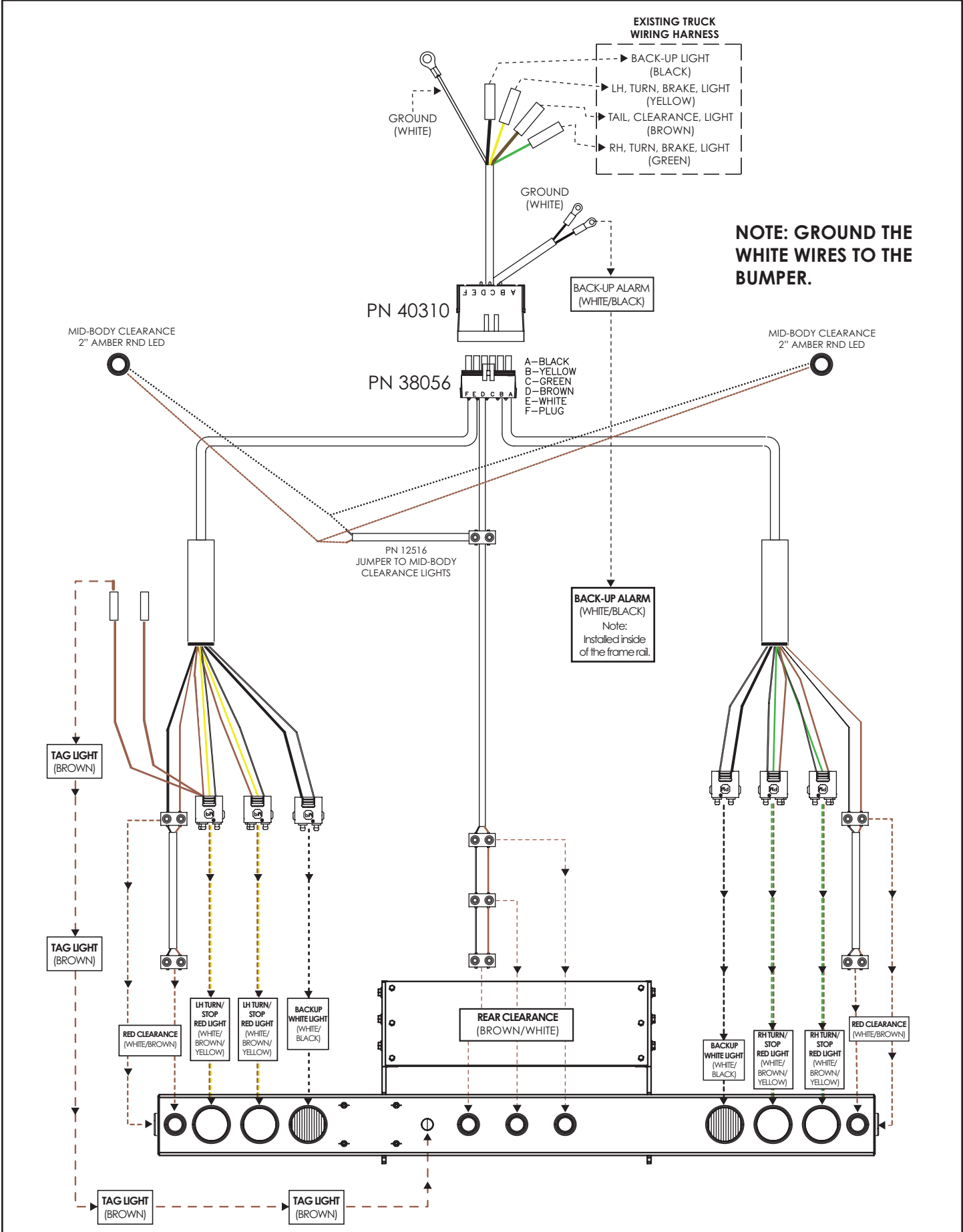
3. The Power Beyond feature is now activated and will divert oil to alternate system via the port shown.



### Notes:

- The return/tank line must be connected to the top or the side port, labeled "T".
- Using the return line to run auxillary equipment will directly result in a failure and will not in any circumstance be covered under warranty.
- A standard Stellar® Hooklift will have 6 hydraulic lines attached to the valve. With Power Beyond activated, they will have 7 hydraulic lines attached to the valve.

# Step 11: Route Electrical Components

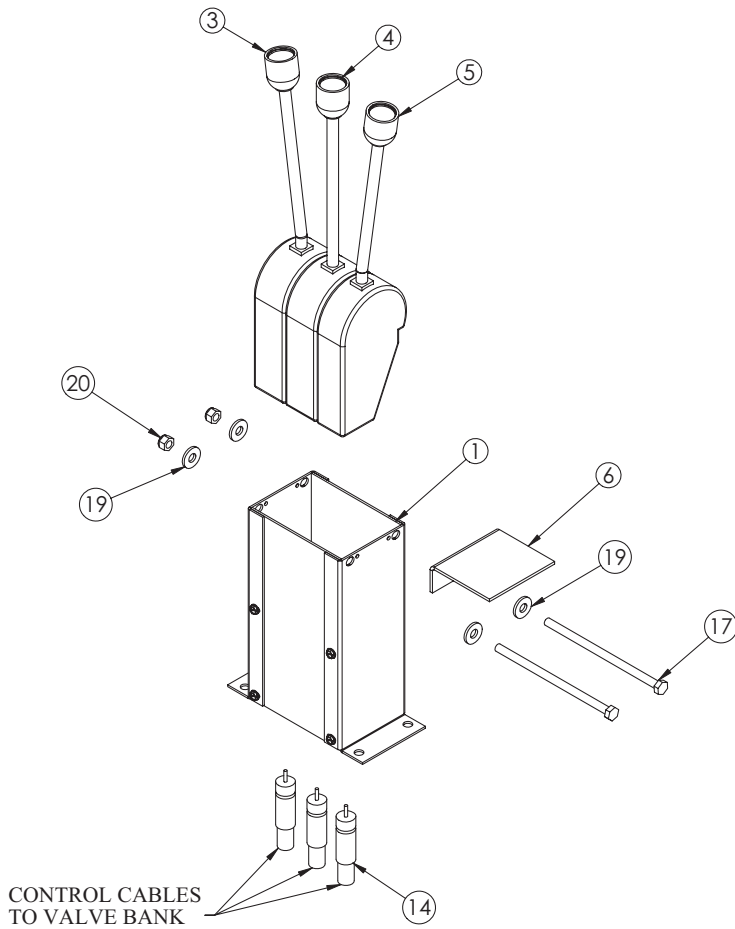


# Step 12: Install cab and PTO controls.

- Use PTO brand specific installation instructions.
- For cab controls, see controller assembly drawings for details:

## Cable Controls

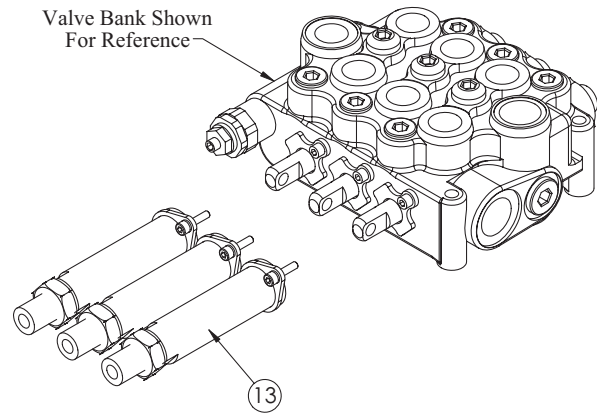
### In Cab Installation



	2 SECTION	3 SECTION
<b>96 INCH</b>	PN 55534	PN 54746
<b>144 INCH</b>	PN 55540	PN 54747
<b>192 INCH</b>	PN 55541	PN 54748

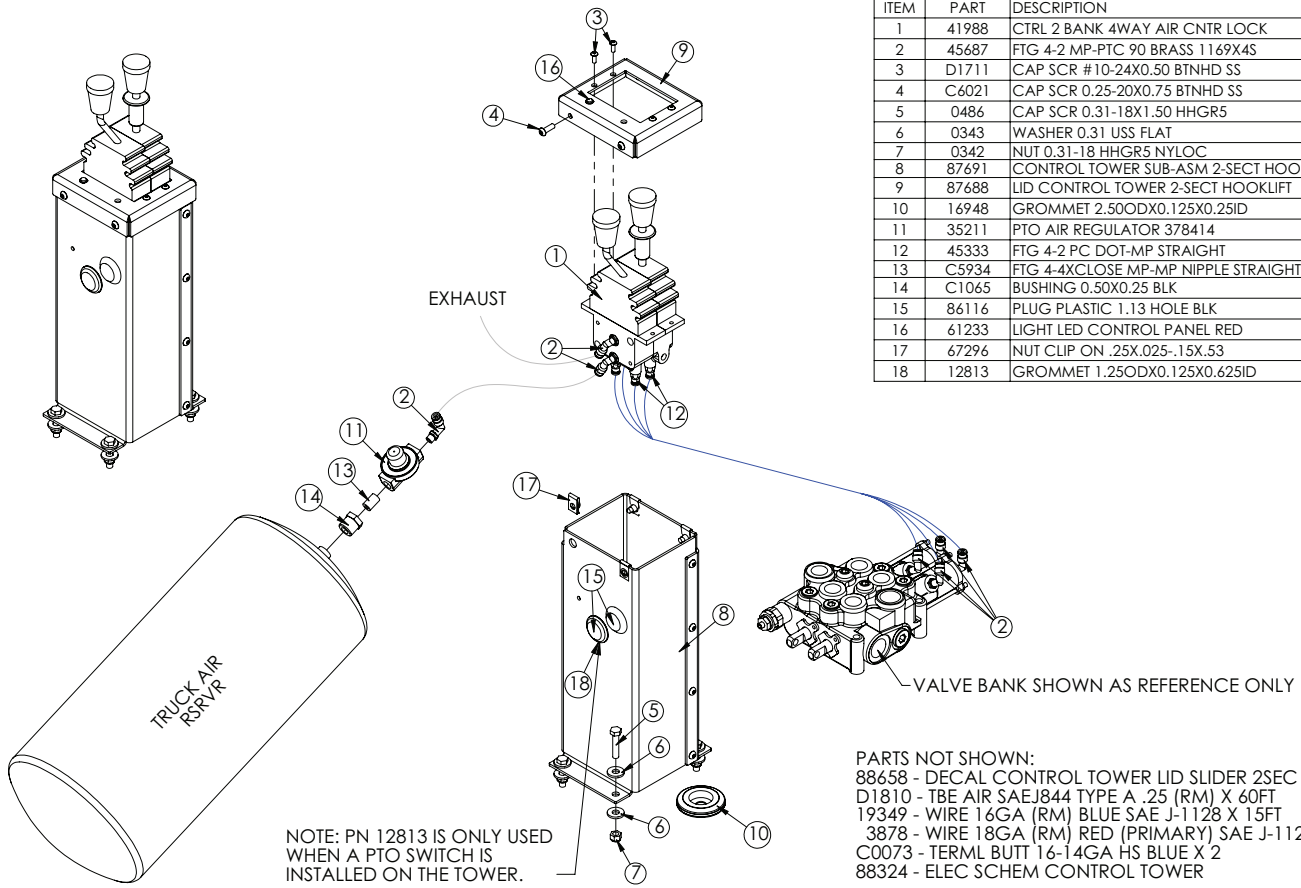
### At Valve Installation

Valve Bank Shown  
For Reference



ITEM	PART	DESCRIPTION	QTY.
1	38351	VALVE CTRL CONSOLE 3LEVER RVC (3 Section Only)	1
1	37470	VALVE CTRL CONSOLE 2LEVER RVC (2 Section Only)	1
3	37475	CONTROLLER CTR LOCK LEFT BEND	1
4	37476	CONTROLLER CTR LOCK NO BEND (3 Section Only)	1
5	37474	CONTROLLER CTR LOCK RIGHT BEND	1
6	25933	BRKT CONTROLLER DECAL	1
13	37469	CABLE CONN. KIT FOR VD8A/VDM8	2/3
14	37471	CONTROL CABLE 96 IN WESCON	2/3
14	37472	CONTROL CABLE 144 IN WESCON	2/3
14	37473	CONTROL CABLE 192 IN WESCON	2/3
17	20057	CAP SCR 0.31-18X6.50 HHGR5 (3 Section Only)	2
17	0491	CAP SCR 0.31-18X4.00 HHGR5 (2 Section Only)	2
19	0343	WASHER 0.31 USS FLAT ZINC	4
20	0342	NUT 0.31-18 HHGR5 NYLOC	2

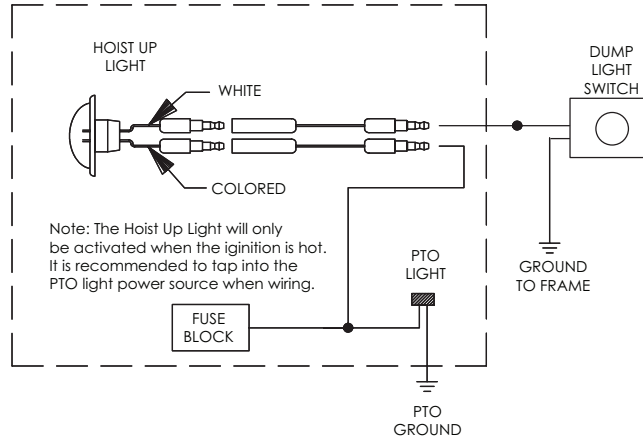
# Air Controls



ITEM	PART	DESCRIPTION	QTY.
1	41988	CTRL 2 BANK 4WAY AIR CNTR LOCK	1
2	45687	FTG 4-2 MP-PTC 90 BRASS 1.169X4S	7
3	D1711	CAP SCR #10-24X0.50 BTNHD SS	4
4	C6021	CAP SCR 0.25-20X0.75 BTNHD SS	4
5	0486	CAP SCR 0.31-18X1.50 HHGR5	4
6	0343	WASHER 0.31 USS FLAT	8
7	0342	NUT 0.31-18 HHGR5 NYLOC	4
8	87691	CONTROL TOWER SUB-ASM 2-SECT HOOKLIFT	1
9	87688	LID CONTROL TOWER 2-SECT HOOKLIFT	1
10	16948	GROMMET 2.50ODX0.125X0.25ID	1
11	35211	PTO AIR REGULATOR 378414	1
12	45333	FTG 4-2 PC DOT-MP STRAIGHT	4
13	C5934	FTG 4-4XCLOSE MP-MP NIPPLE STRAIGHT BLK	1
14	C1065	BUSHING 0.50X0.25 BLK	1
15	86116	PLUG PLASTIC 1.13 HOLE BLK	2
16	61233	LIGHT LED CONTROL PANEL RED	1
17	67296	NUT CLIP ON .25X.025-.15X.53	4
18	12813	GROMMET 1.25ODX0.125X0.625ID	1

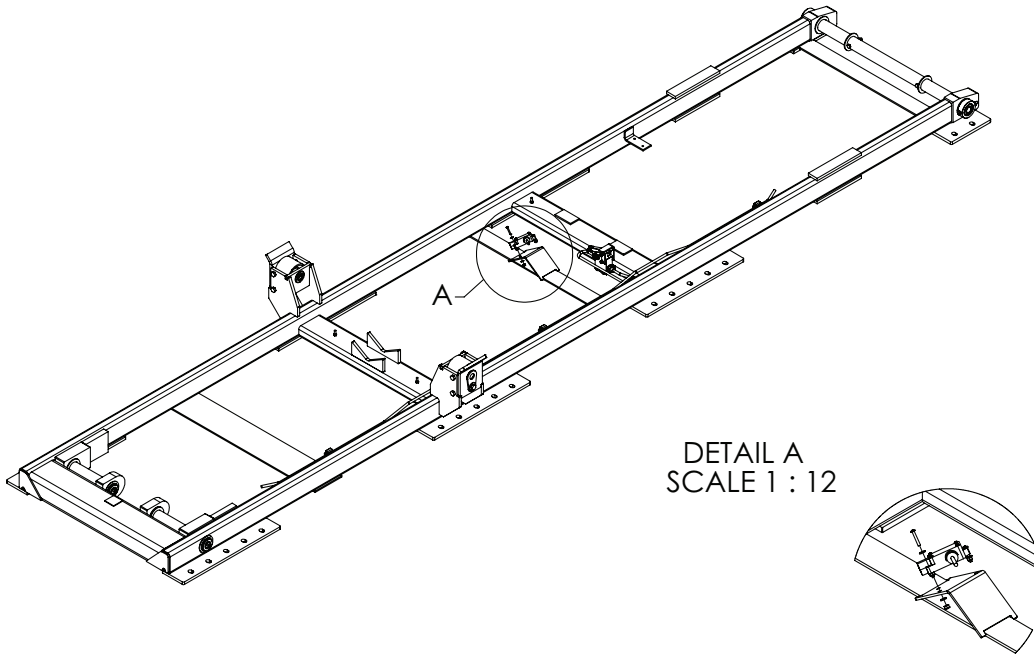
**PARTS NOT SHOWN:**  
 88658 - DECAL CONTROL TOWER LID SLIDER 2SEC X 1  
 D1810 - TBE AIR SAEJ844 TYPE A .25 (RM) X 60FT  
 19349 - WIRE 16GA (RM) BLUE SAE J-1128 X 15FT  
 3878 - WIRE 18GA (RM) RED (PRIMARY) SAE J-1128 X 15FT  
 C0073 - TERML BUTT 16-14GA HS BLUE X 2  
 88324 - ELEC SCHEM CONTROL TOWER

## TRUCK CAB



# Step 13: Install Hoist Up Light Sensor - PN 83115

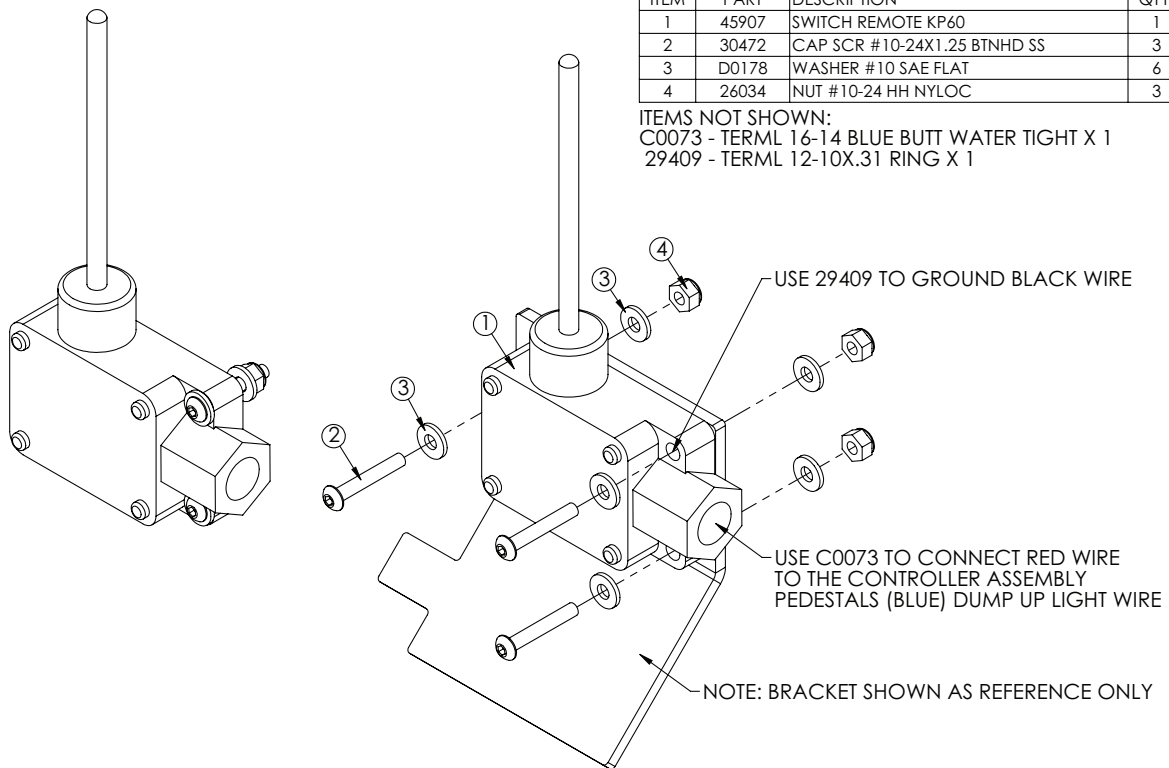
Install the hoist up light sensor onto the base of the hooklift as shown:



DETAIL A  
SCALE 1 : 12

ITEM	PART	DESCRIPTION	QTY.
1	45907	SWITCH REMOTE KP60	1
2	30472	CAP SCR #10-24X1.25 BTNHD SS	3
3	D0178	WASHER #10 SAE FLAT	6
4	26034	NUT #10-24 HH NYLOC	3

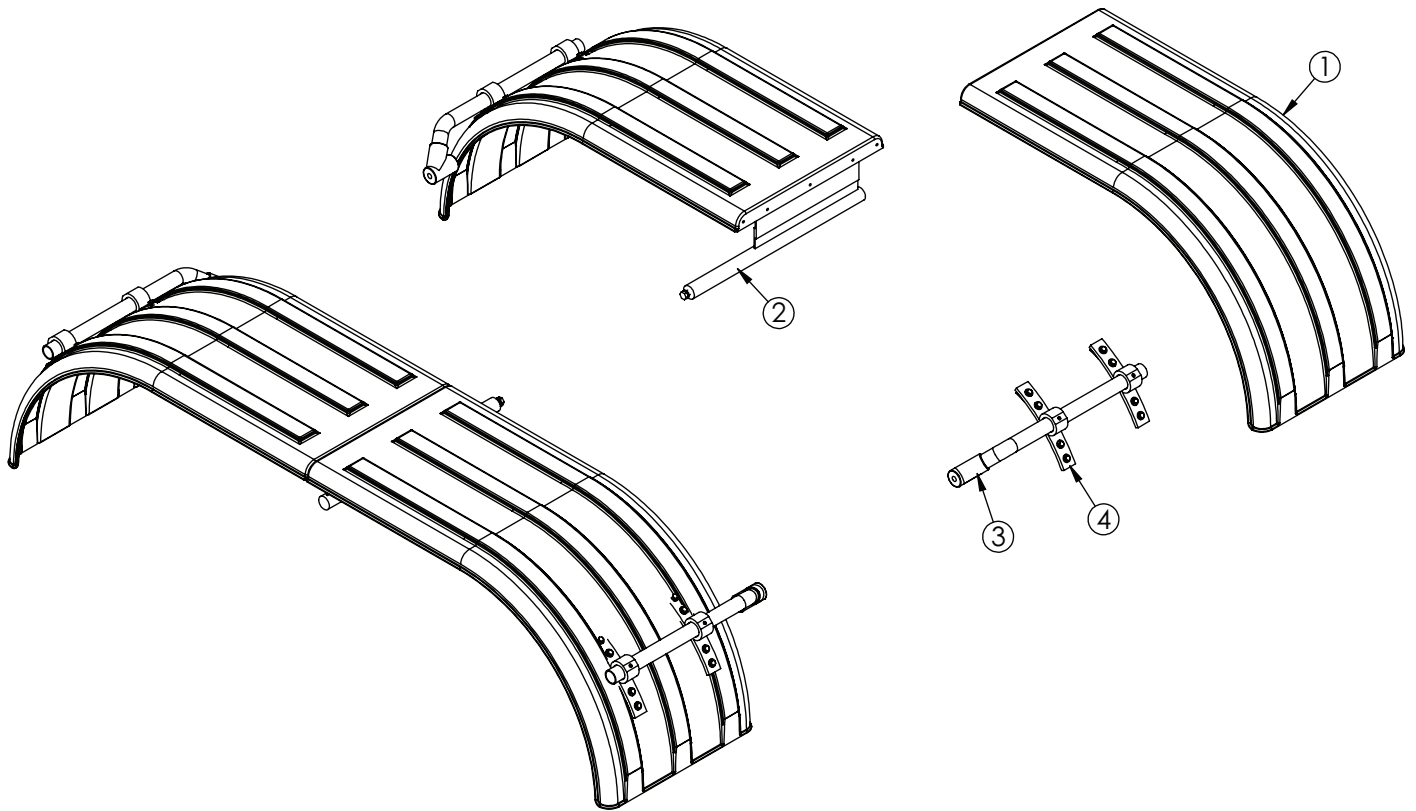
ITEMS NOT SHOWN:  
C0073 - TERML 16-14 BLUE BUTT WATER TIGHT X 1  
29409 - TERML 12-10X.31 RING X 1





# Step 14: Install mud flaps and fenders.

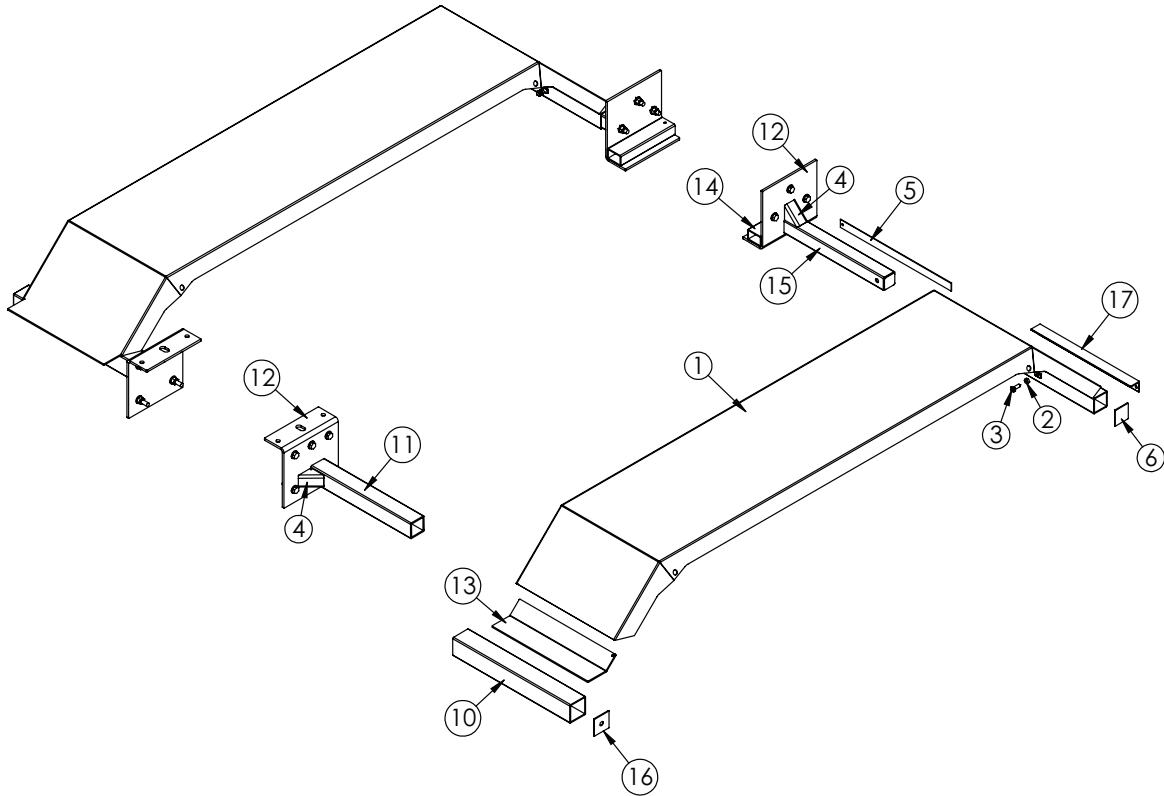
## Poly Tandem Fender Assembly - PN 58217



### PN 58217

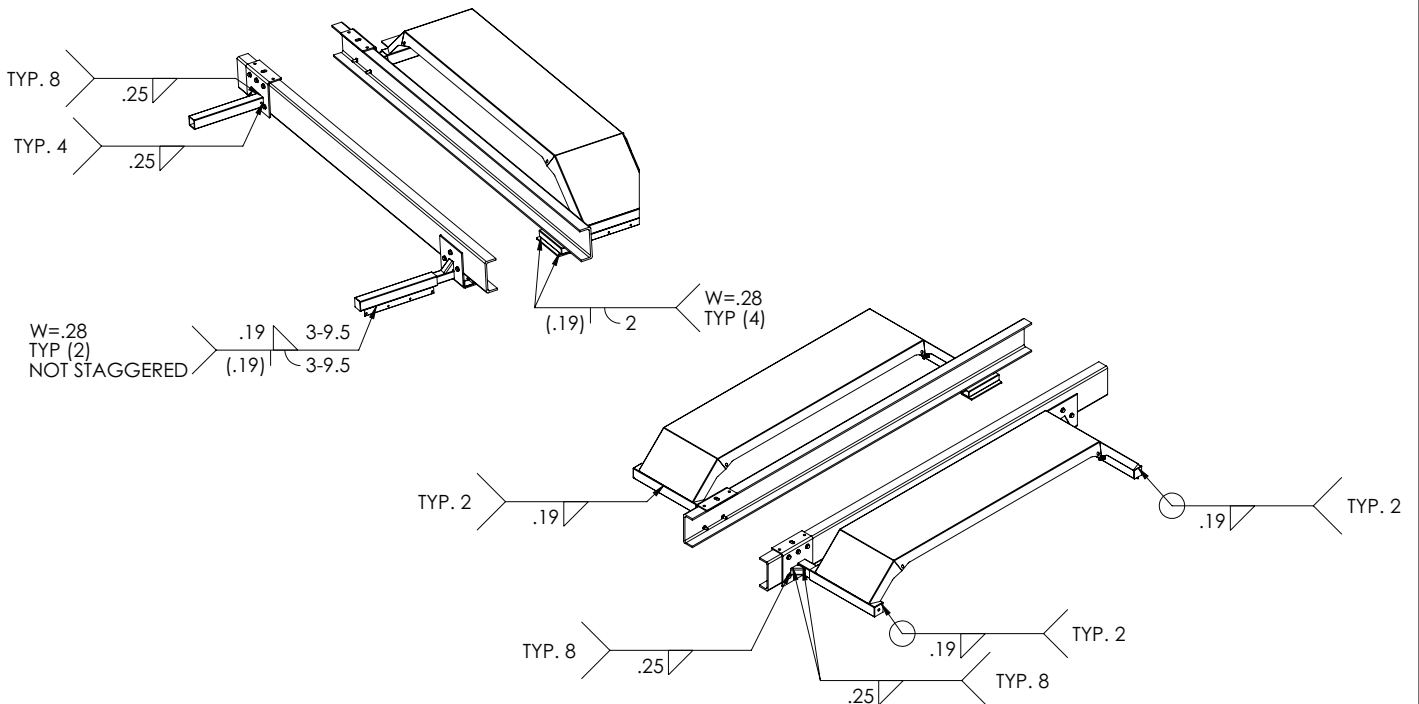
ITEM	PART No.	DESCRIPTION	QTY.
1	64060	FENDER POLY MIN 900 FRONT/REAR	4
2	102205	MNT KIT FENDER MID SUPPORT TANDEM POLY	1
3	5733	MTG KIT OFFSET POLY FENDER (FLEET)	2
4	7633	FENDER MOUNT ASM KIT	2

# Steel Tandem Fender Assembly - PN 100617

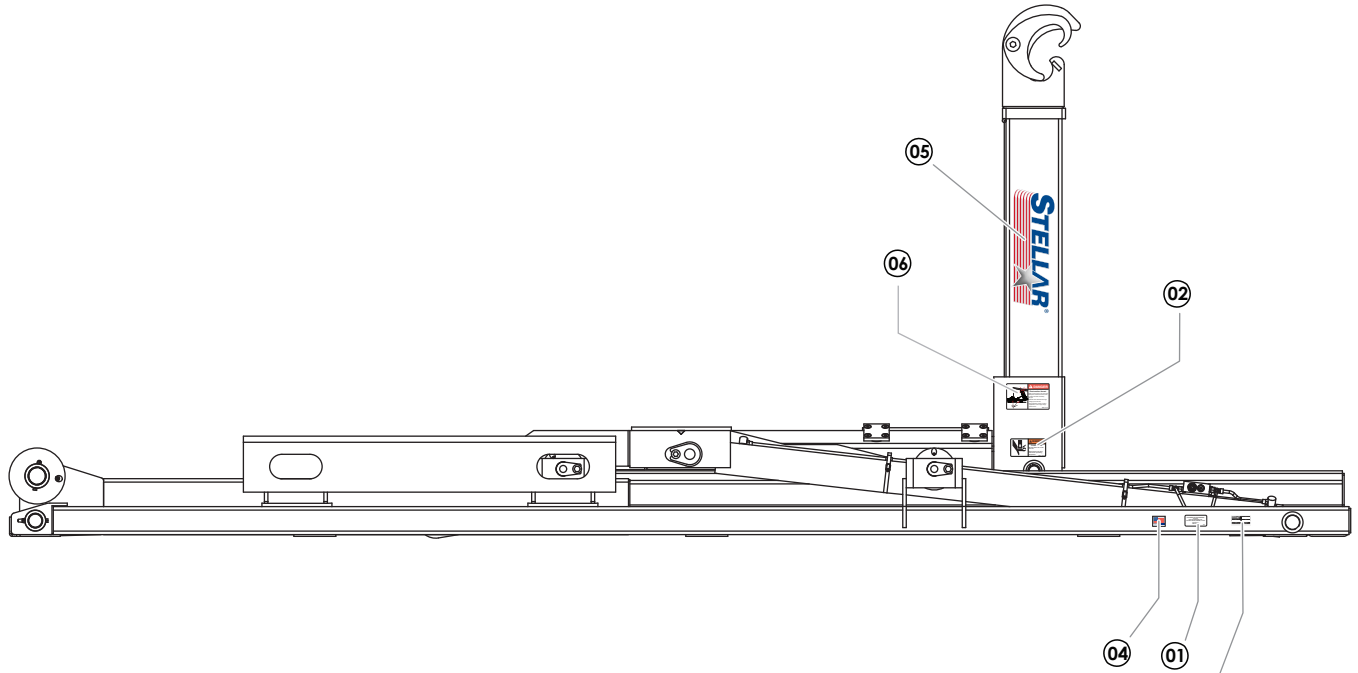


## PN 100617

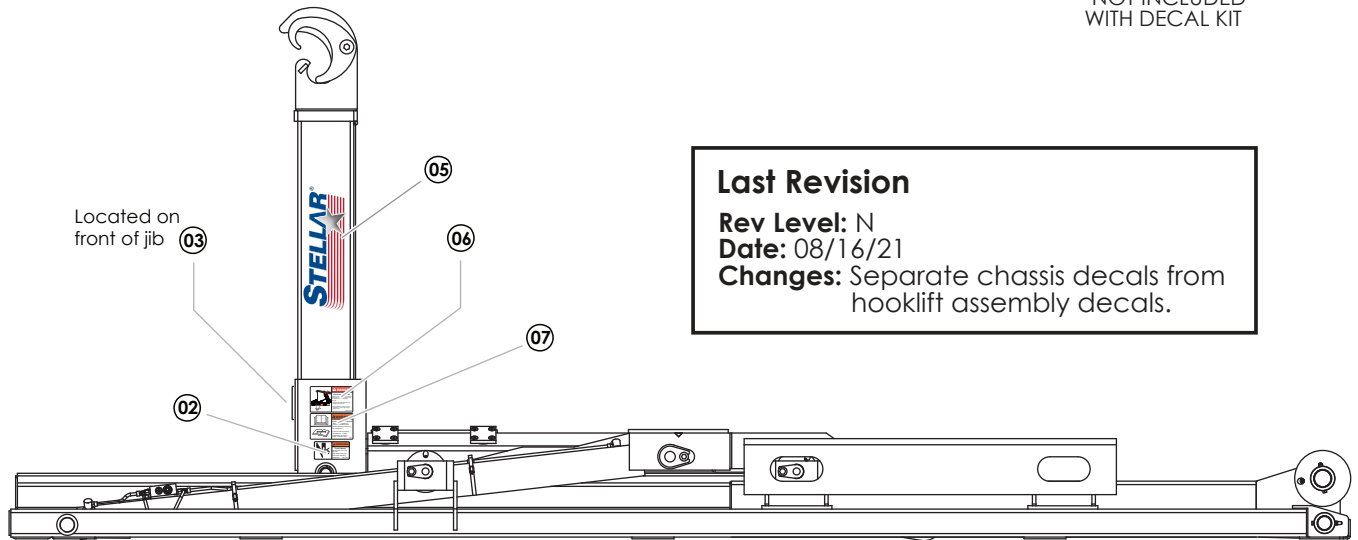
ITEM	PART No.	DESCRIPTION	QTY.	ITEM	PART No.	DESCRIPTION	QTY.
1	46121	FENDER WLDMT STEEL TANDEM KP60	2	10	46119	WLDMT TUBE FRONT FENDER PC BLACK	2
2	0537	NUT 0.50-13 HH	4	11	46117	TUBE FRONT FENDER SUPPORT PC BLACK	2
3	46590	CAP SCR 0.50X1.50 SQ HD CP SS	4	12	46906	BRKT GANTRY MNT PC BLACK	4
4	47209	BRKT FENDER KP60	4	13	97704	BRKT FENDER MNT FRONT SI60/75 TANDEM STEEL	2
5	47210	FLAT 0.13X1.50X24.50 HR W/HOLE	2	14	100828	TUBE 3.00X2.00X0.19WX12.00 W/HOLE	2
6	47211	CAP .10X3.00X2.88 FENDER SI60	2	15	101886	WLDMT TUBE 2.50X2.50X0.19WX22.00	2
7	C1026	CAP SCR 0.63-11X2.50 HHGR8	16	16	101888	CAP .10X3.25X3.25 FENDER SI60	2
8	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	32	17	45688	MOUNT MUD FLAP KP60	2
9	24868	NUT 0.63-11 HHGR8 NYLOC	16				



# Step 15A: Apply Hooklift Assembly Decals



SERIAL PLATE (C5942)  
NOT INCLUDED  
WITH DECAL KIT



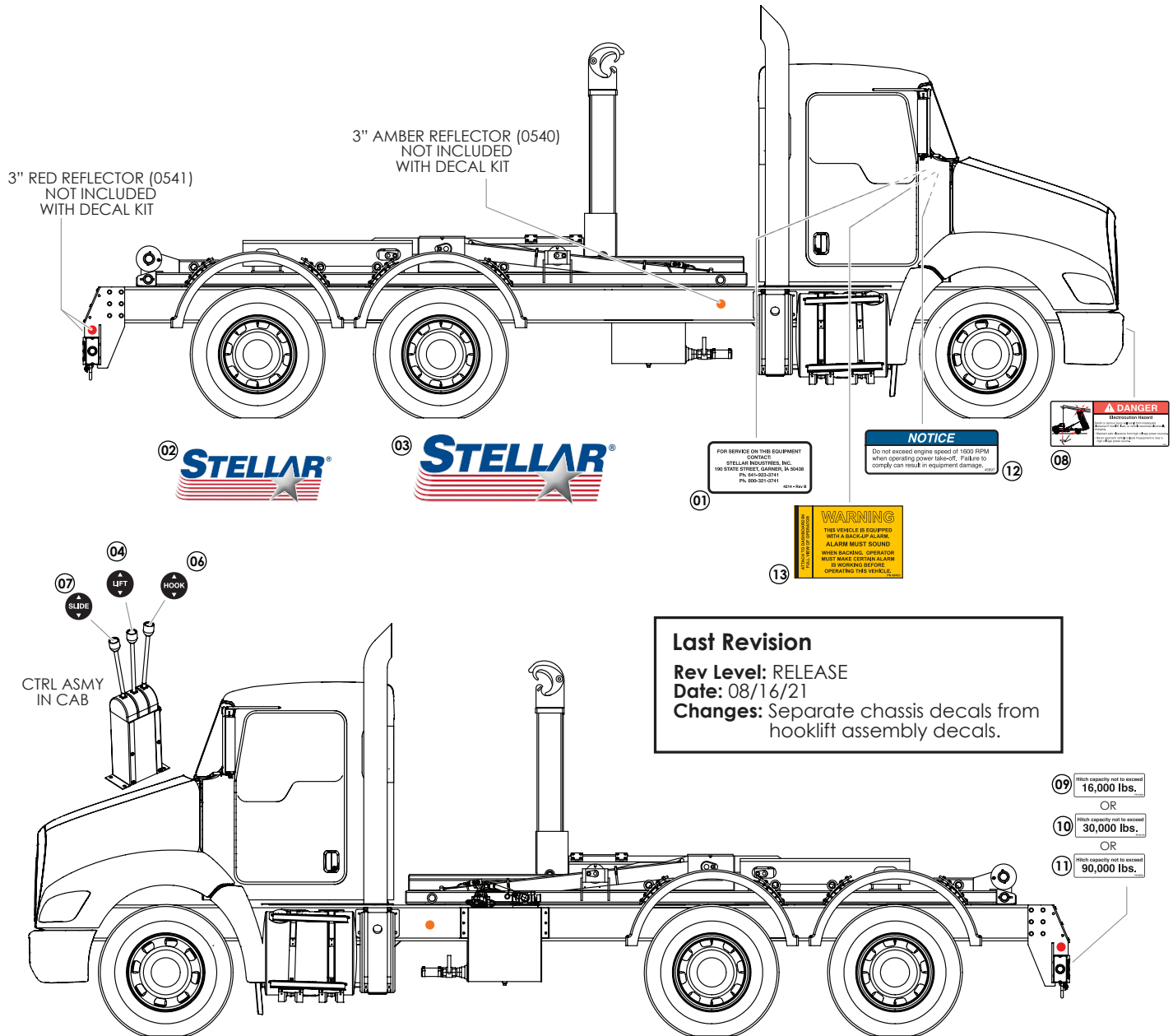
Located on  
front of jib

**Last Revision**  
**Rev Level:** N  
**Date:** 08/16/21  
**Changes:** Separate chassis decals from hooklift assembly decals.

## PN 31827

ITEM	PART No.	DESCRIPTION	QTY.
01	4214	DECAL CONTACT STELLAR	1
02	25627	DECAL WARNING CRUSH	2
03	45955	DECAL WARNING HOOK HEIGHT MATCH	1
04	35234	DECAL STELLAR MADE IN THE USA	1
05	52681	DECAL STELLAR LOGO 6.00X16.50	2
06	55832	DECAL DANGER ELECTROCUTION HOOK	2
07	68024	DECAL WARNING UNTRAINED OPERATOR	1

# Step 15B: Apply Chassis Decals



## PN 121012

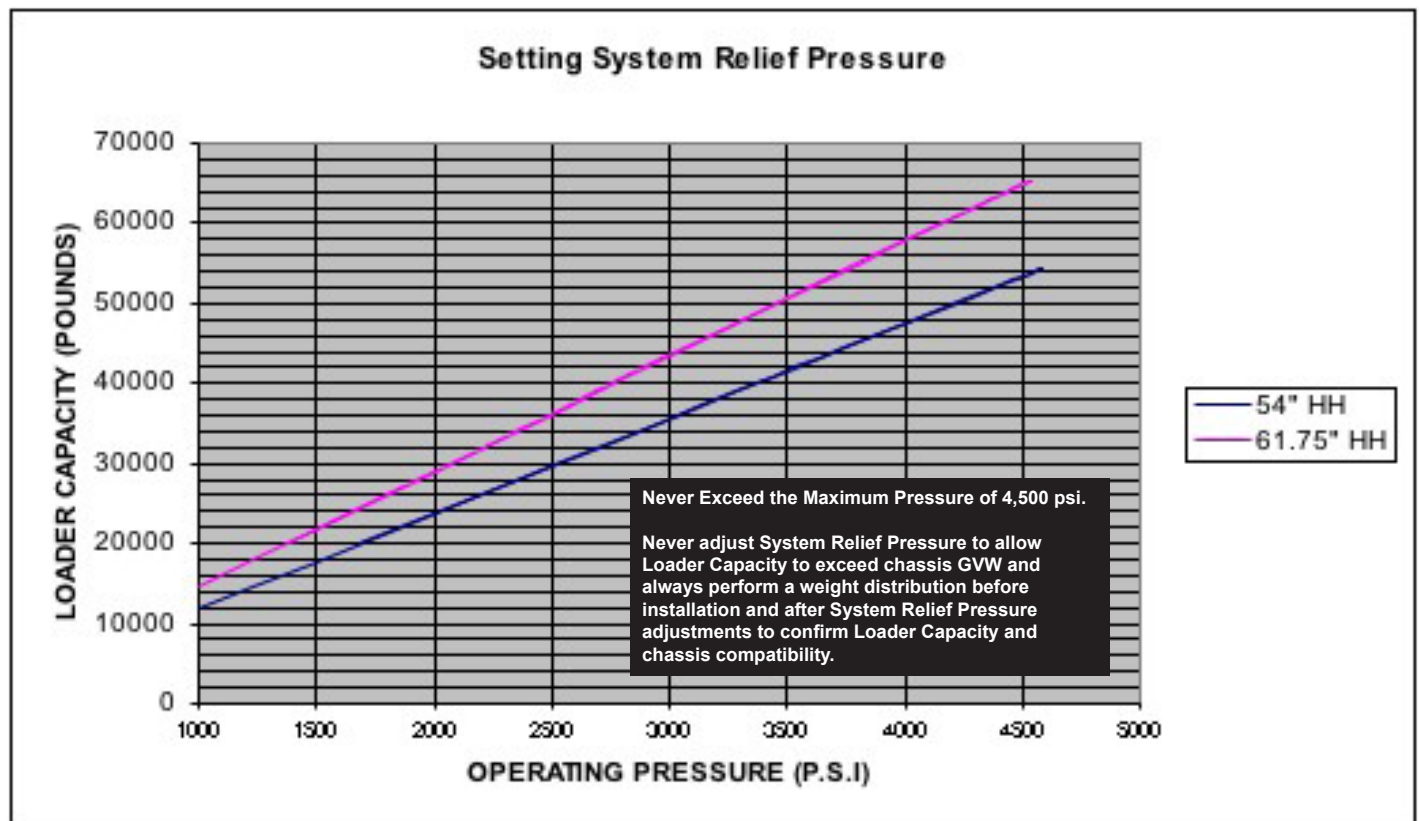
ITEM	PART No.	DESCRIPTION	SUGGESTED LOCATION	QTY.
01	4214	DECAL CONTACT STELLAR	IN CAB	1
02	53850	DECAL STELLAR LOGO 4.00X11.50	SHIPPED LOOSE - OPTIMAL PLACEMENT	1
03	52681	DECAL STELLAR LOGO 6.00X16.50	SHIPPED LOOSE - OPTIMAL PLACEMENT	1
04	39211	DECAL HOOKLIFT LEVER LIFT	CONTROL TOWER	2
05	39212	DECAL HOOKLIFT LEVER TILT	CONTROL TOWER	2
06	55414	DECAL HOOKLIFT LEVER HOOK	CONTROL TOWER	2
07	55754	DECAL HOOKLIFT LEVER SLIDE	CONTROL TOWER	2
08	79983	DECAL DANGER ELECTROCUTION	FRONT BUMPER - STREET SIDE OR REAR BUMPER - CURB SIDE	1
09	91220	DECAL HITCH CAPACITY 16K	] SELECT APPROPRIATE CAPACITY; REAR BUMPER - ABOVE PINTLE LOCATION; DISCARD OTHERS [	1
10	91219	DECAL HITCH CAPACITY 30K		1
11	68222	DECAL HITCH CAPACITY 90K		1
12	45697	ENGINE SPEED PTO CAUTION	IN CAB	1
13	69463	DECAL BACK-UP ALARM VERIFY	IN CAB	1

## Step 16: Fill reservoir and activate hydraulic flow.

- Fill reservoir to site gauge, within 3" from the top (Roughly 25 Gallons). Note: ISO 32 hydraulic oil is recommended.
- When connections are secure, activate hydraulic flow by opening the ball valve on the bottom of the reservoir. This will allow oil to flow from the reservoir to the pump.

## Step 17: Operate hooklift.

- **⚠ WARNING** Stellar® Hooklift operators must conform to the qualifications specified in the *Slider Hooklift Safety, Operation, Maintenance, Troubleshooting Manual*. Read and understand all manuals and safety signs before operating or servicing this equipment.
- Bleed the air out of the hydraulic system.
- Check the hydraulic oil level and add oil if needed. When checking hydraulic oil level, make certain that **all system cylinders** are fully retracted.
- Calibrate dump light system.
- Be sure to check all clearances.
- Set/check relief pressure no higher than 4,500 PSI (See procedure on next page).

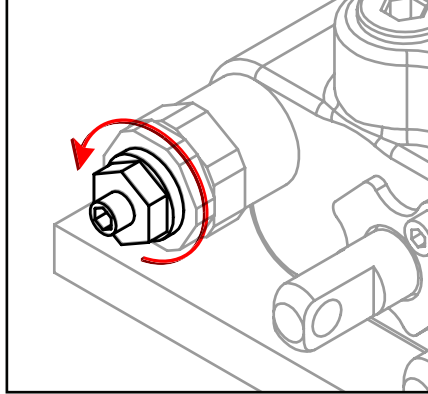


## Set System Relief Pressure

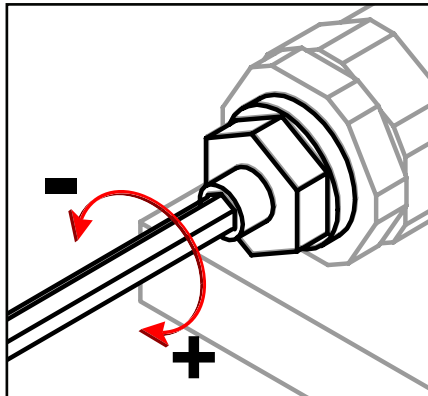
1. Engage the PTO. Run the PTO at 1200 RPM.

2. Push the control lever labeled 'lift' until the boom bottoms out. Keep pushing the lever forward until the pressure is set.

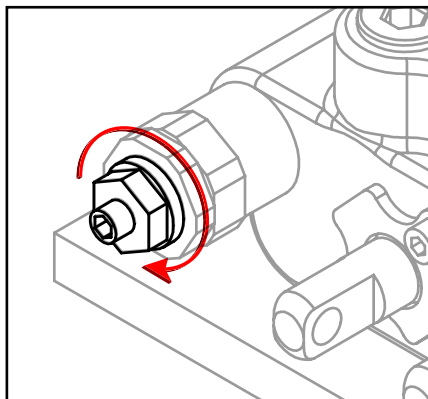
3. Locate the main relief valve and release the jam nut using a 13 mm wrench:



4. Adjust the system relief pressure using 4 mm allen wrench. Clockwise increases pressure, counter clockwise decreases pressure:



5. Once system pressure is set, tighten the jam nut to lock system pressure. Permanent thread lock should not be used:

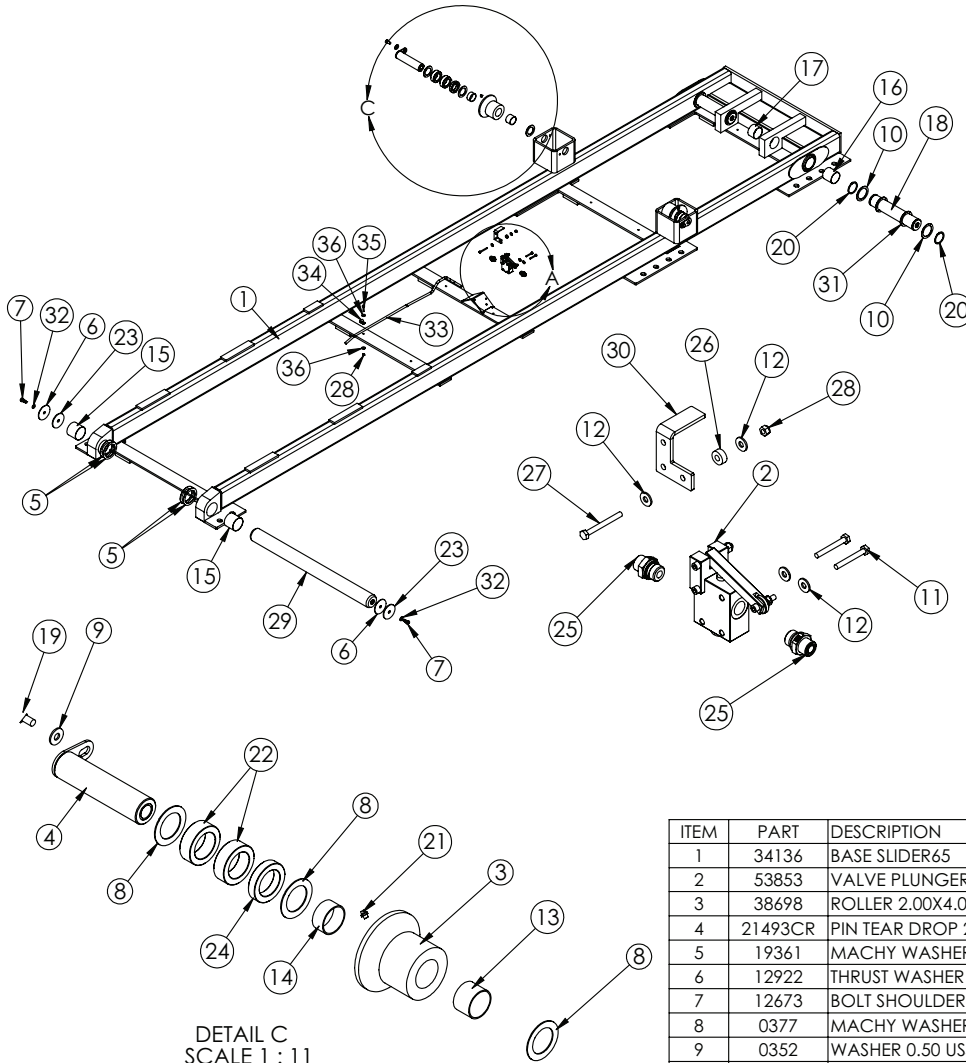


6. Release all functions and disengage the PTO. Snap tamper cap into position over the jam nut. The break away clip will be destroyed if the cap is removed.

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# Chapter 3 - Assembly Drawings

## Base Assembly - PN 34135

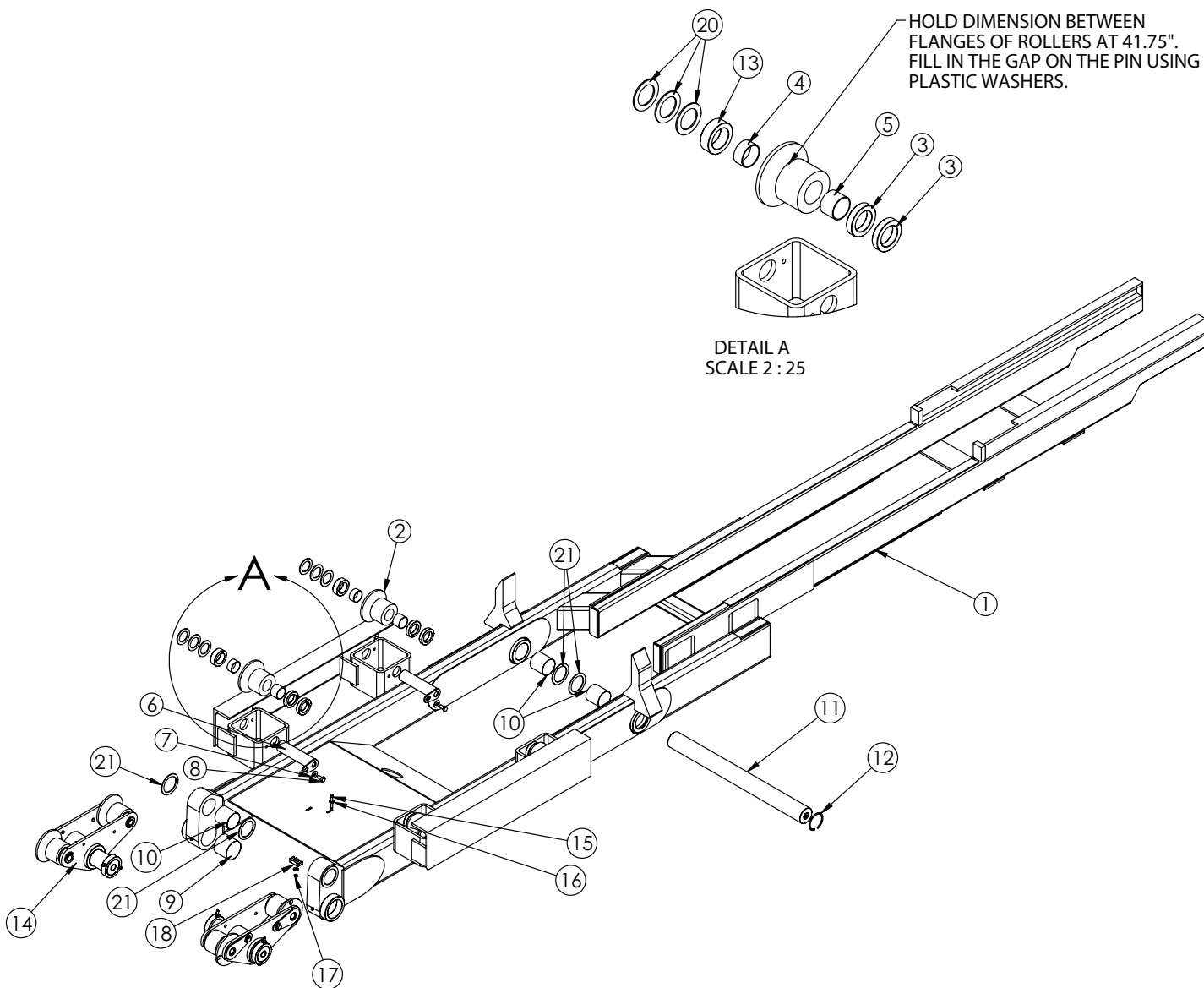


DETAIL C  
SCALE 1 : 11

ITEM	PART	DESCRIPTION	QTY.
1	34136	BASE SLIDER65	1
2	53853	VALVE PLUNGER VILLA HYD NORMALLY CLOSED	1
3	38698	ROLLER 2.00X4.00X2.69X6.00	2
4	21493CR	PIN TEAR DROP 2.00X8.00	2
5	19361	MACHY WASHER 3.50ID 16GA	4
6	12922	THRUST WASHER 0.64x4.00x0.125	2
7	12673	BOLT SHOULDER 0.63X0.50 0.50-13X0.75	2
8	0377	MACHY WASHER 2.00ID 14GA	6
9	0352	WASHER 0.50 USS FLAT ZINC	2
10	1589	MACHY WASHER 3.00ID 14GA	4
11	0481	CAP SCR 0.25-20X2.00 HHGR5	2
12	0340	WASHER 0.25 USS FLAT	4
13	4380	BUSHING 32DXR24 2.00X1.50 GARLOCK	2
14	8819	BUSHING QSI-3235-16	2
15	18373	BUSHING 48DXR48 GARLOCK	2
16	2227	BUSHING 48DXR48 GARLOCK	2
17	0865	BUSHING 48DXR32 GARLOCK	2
18	38699CR	PIN 3.00X15.56 SR	2
19	8457	CAP SCR 0.50-13X1.00 SS	2
20	2096	SNAP RING 3.00	4
21	c1592	ZERK 1/8 NPT STRAIGHT	2
22	21586	COLLAR 2.01X3.00X1.00 UHMW	4
23	8597	PIN CAP 0.69x4.00x0.19 YZ	2
24	21505	COLLAR 2.01X3.00X.63 UHMW	2
25	57735	FTG 8-8 MBSPP-MFS STRAIGHT	2
26	60348	COLLAR 0.31X0.75X0.31 UHMW	1
27	0339	CAP SCR 0.25-20X2.50 HHGR5	1
28	0333	NUT 0.25-20 HHGR5 NYLOC	2
29	38830CR	PIN 3.50X42.00 D&T	1
30	60470	BRKT PLUNGER VILLA HYD VALVE	1
31	1548	THRUST WASHER 3.01DIA UHMW .12 THK	8
32	75007	THRUST WASHER 0.63X1.13X0.09 MTI-10	2
33	84697	TUBE ASM 0.50 SLIDER65 JIB RETRACT YZ	1
34	C0081	CLAMP 0.50 BLK VINYL	1
35	0486	CAP SCR 0.31-18X1.50 HHGR5	1
36	0343	WASHER 0.31 USS FLAT	2



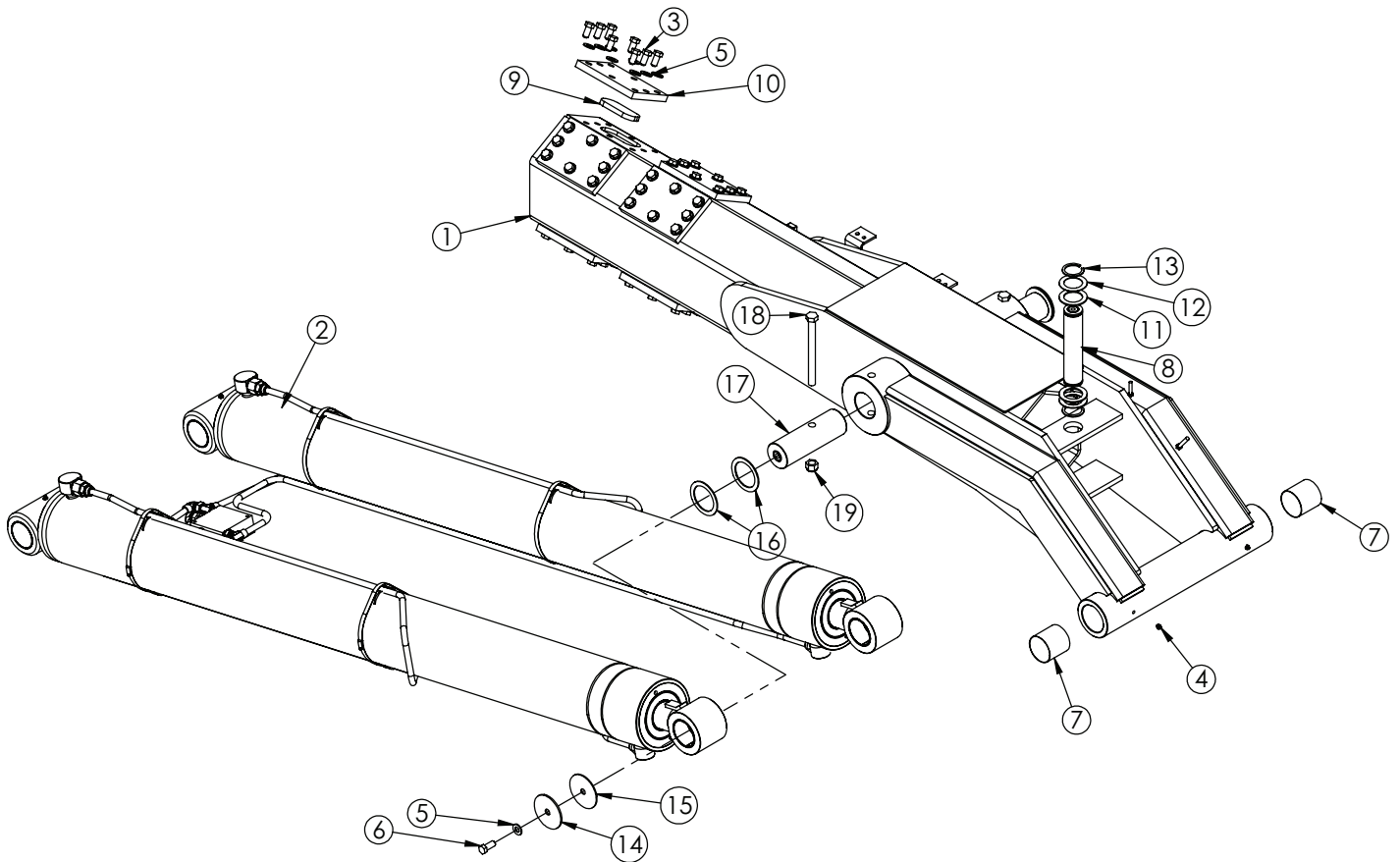
# Dump Assembly - PN 34137



## PN 34137

ITEM	PART	DESCRIPTION	QTY
1	34138	DUMP SLIDER65	1
2	38698PC	ROLLER 2.00X4.00X2.69X6.00	4
3	21505	COLLAR 2.01X3.00X.63 UHMW	8
4	8819	BUSHING QSI-3235-16	4
5	4380	BUSHING 32DXR24 2.00X1.50 GARLOCK	4
6	21493ZP	PIN TEAR DROP 2.00X8.00	4
7	0352	WASHER 0.50 USS FLAT ZINC	4
8	8457	CAP SCR 0.50-13X1.00 SS	4
9	18373	BUSHING 48DXR48 GARLOCK	2
10	2227	BUSHING 48DXR48 GARLOCK	4
11	38790ZP	PIN 3.00X32.50 SR	1
12	2200	SNAP RING INSIDE 3.00 3000-X300	2
13	21586	COLLAR 2.01X3.00X1.00 UHMW	4
14	38766	17758-ROLLER ASSEMBLY	1
15	0489	CAP SCR 0.31-18X2.50 HHGR5	1
16	0343	WASHER 0.31 USS FLAT ZINC	2
17	0342	NUT 0.31-18 HH NYLOC	1
18	8622	CLAMP HOSE/TUBE AG-2	1
19	c1592	ZERK 1/8 NPT STRAIGHT	2
20	1546	THRUST WASHER 2.01DIA UHMW .12THK	12
21	1548	THRUST WASHER 3.01DIA UHMW .12 THK	6

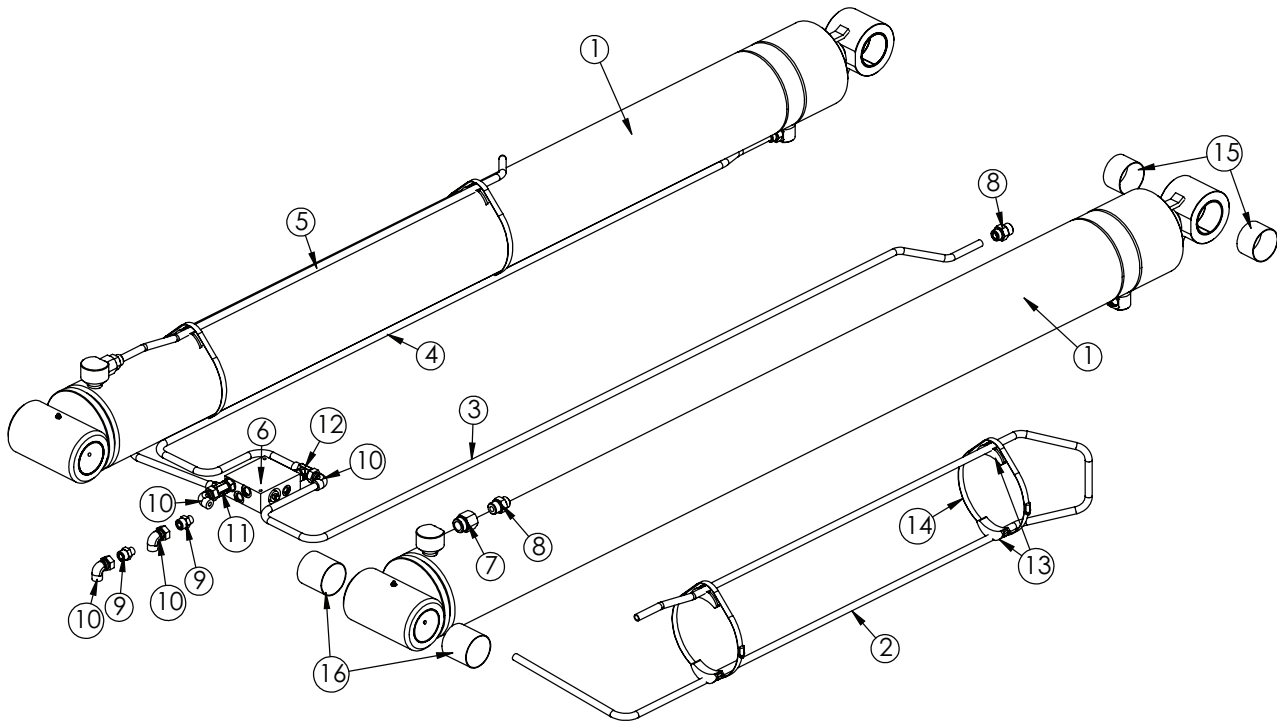
# Secondary Assembly - PN 34139



## PN 34139

ITEM	PART	DESCRIPTION	QTY
1	34140	SECONDARY SLIDER65	1
2	124770	CYLINDER ASM DUAL 65 SLIDER LOPRO	1
3	66839	CAP SCR 0.63-11X1.25 HHGR8 ZY W/RED PATCH	64
4	c1592	ZERK 1/8 NPT STRAIGHT	2
5	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	66
6	0356	CAP SCR 0.63-11X1.50 HHGR8 ZY	2
7	2227	BUSHING 48DXR48 GARLOCK	2
8	38740CR	PIN 2.00X9.50 SR	1
9	38739	WEAR PAD SLIDER65	8
10	38738	PLATE WEAR PAD CAP	8
11	1546	THRUST WASHER 2.01DIA UHMW .12THK	2
12	0377	MACHY WASHER 2.00ID 14GA	2
13	0108	SNAP RING 2.00 7200-200	2
14	8597	PIN CAP 0.69x4.00x0.19 YZ	2
15	12922	THRUST WASHER 0.64x4.00x0.125	2
16	1548	THRUST WASHER 3.01DIA UHMW .12 THK	4
17	79430CR	PIN 3.00X9.06 D&T W/HOLE	2
18	80138	CAP SCR 0.75-10X8.50 HHGR8	2
19	C0538	NUT 0.75-10 HHGR8 NYLOC	2

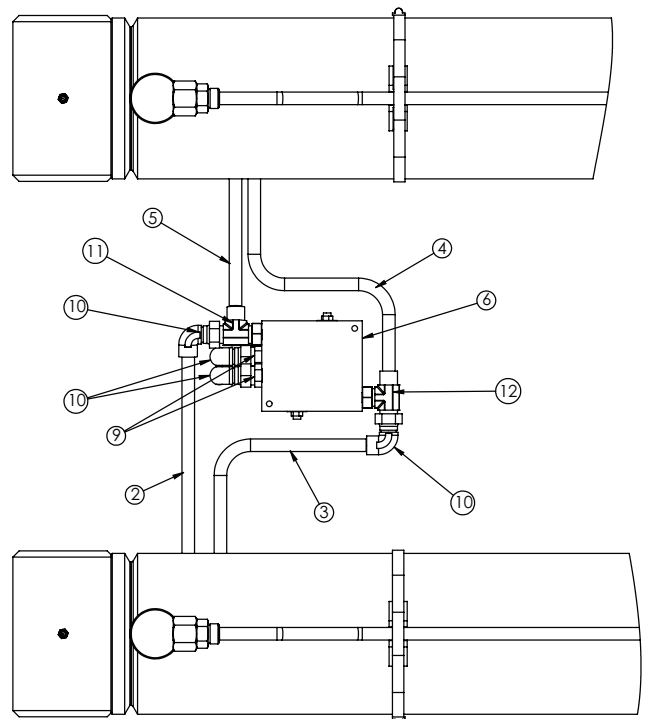
# Main Cylinder Assembly - PN 39043



NOTE: BUSHINGS 0865 AND 2227 ARE SHOWN AS REFERENCE ONLY

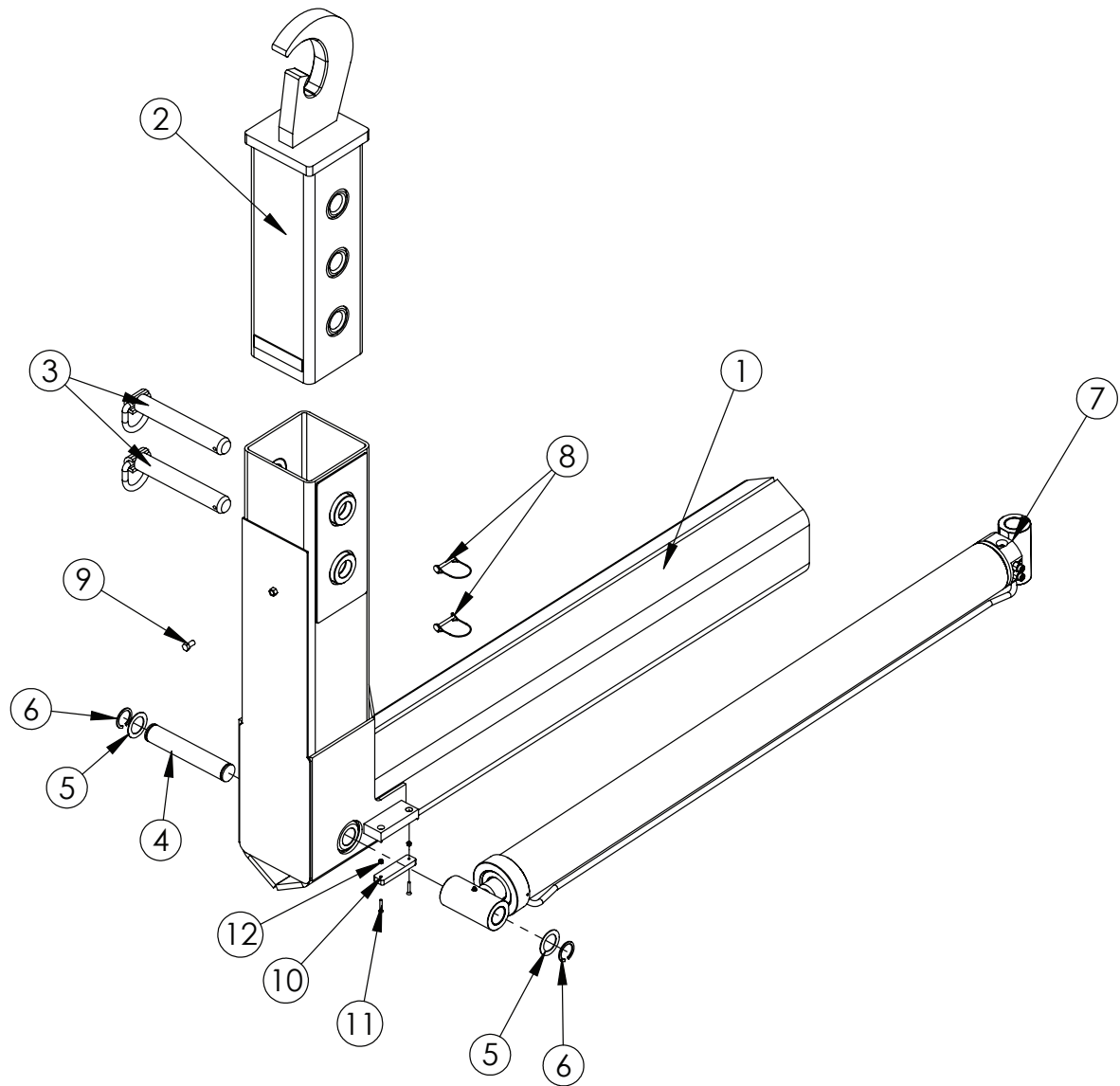
## PN 124770

ITEM	PART No.	DESCRIPTION	QTY.
01	124760	CYLINDER 7.00X71.13 REGEN	2
02	124771	TUBE ASM 0.63X54.03 SLIDER65 SS EXTEND YZ	1
03	124775	TUBE ASM 0.63X81.56 SLIDER65 SS RETRACT YZ	1
04	124774	TUBE ASM 0.63X79.88 SLIDER65 CS RETRACT YZ	1
05	124773	TUBE ASM 0.63X52.50 SLIDER65 CS EXTEND YZ	1
06	15995	MANIFOLD ASM DUAL T2A 5000PSI	1
07	D1306	FTG 16-12 MORB-FORB STRAIGHT REDUCER	2
08	19160	FTG 10-12 MFS-MORB STRAIGHT	4
09	31053	FTG 10-8 MFS-MORB STRAIGHT	2
10	32566	FTG 10-10 MFS-FFSS 90	4
11	39142	FTG 10-10-10 MJ-MAORB-MJ RUN TEE	1
12	40215	FTG 10-10-10 MFS-MFS-MAORB TEE	1
13	18701	CLAMP PORT TUBE ZR518	8
14	19370	HOSE CLAMP 5.63-8.50 5416K39	4
15	0865	BUSHING BPC48DXR32 3.00X2.00	4
16	2227	BUSHING BPC48DXR48 3.00X3.00	4z



ASSEMBLY VIEW FROM THE TOP DOWN

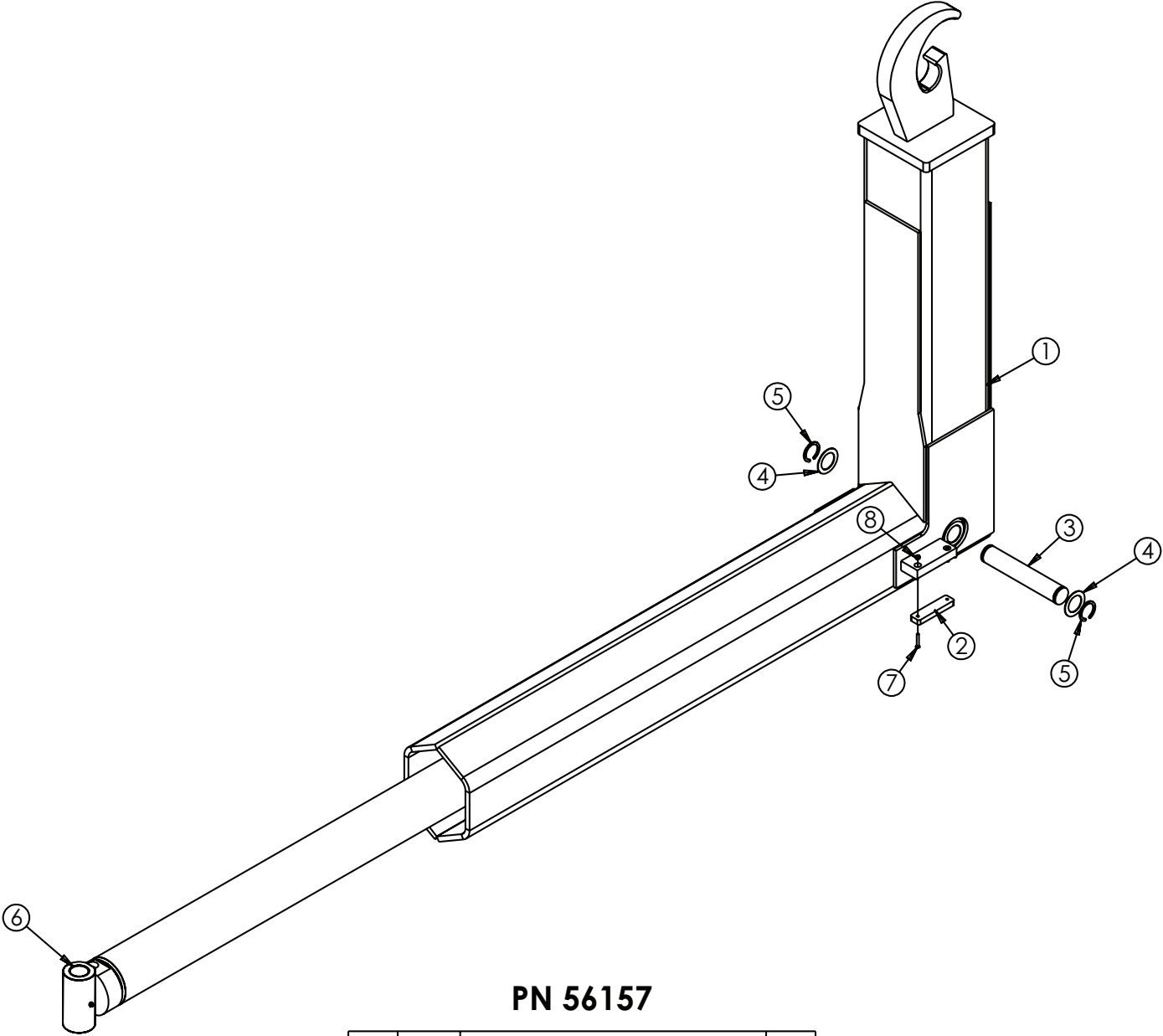
# Adj. Hook Height Assembly (Man.) - PN 120813



## PN 120813

ITEM	PART No.	DESCRIPTION	QTY.
01	120814	JIB WLDMT SLIDER65 54/62HH MANUAL	1
02	120862	JIB TOP SLIDER65 GEN3 MANUAL 54/62HH	1
03	38727	PIN WLDMT 2.00X12.50	2
04	38833	PIN 2.00X11.38 SR SS	1
05	0377	MACHY WASHER 2.00ID 14GA	2
06	0108	SNAP RING 2.00 7200-200	2
07	38729	CYLINDER ASM 5.00X39.00	1
08	45216	PIN 0.31X2.75 WIRE LOCK	2
09	10172	CAP SCR 0.50-13X1.00 HHGR8	1
10	76720	WEARPAD JIB SLIDER 50	2
11	76182	CAP SCR 0.25-20X1.50 FSH PLN	4
12	0333	NUT 0.25-20 HHGR5 NYLOC	4

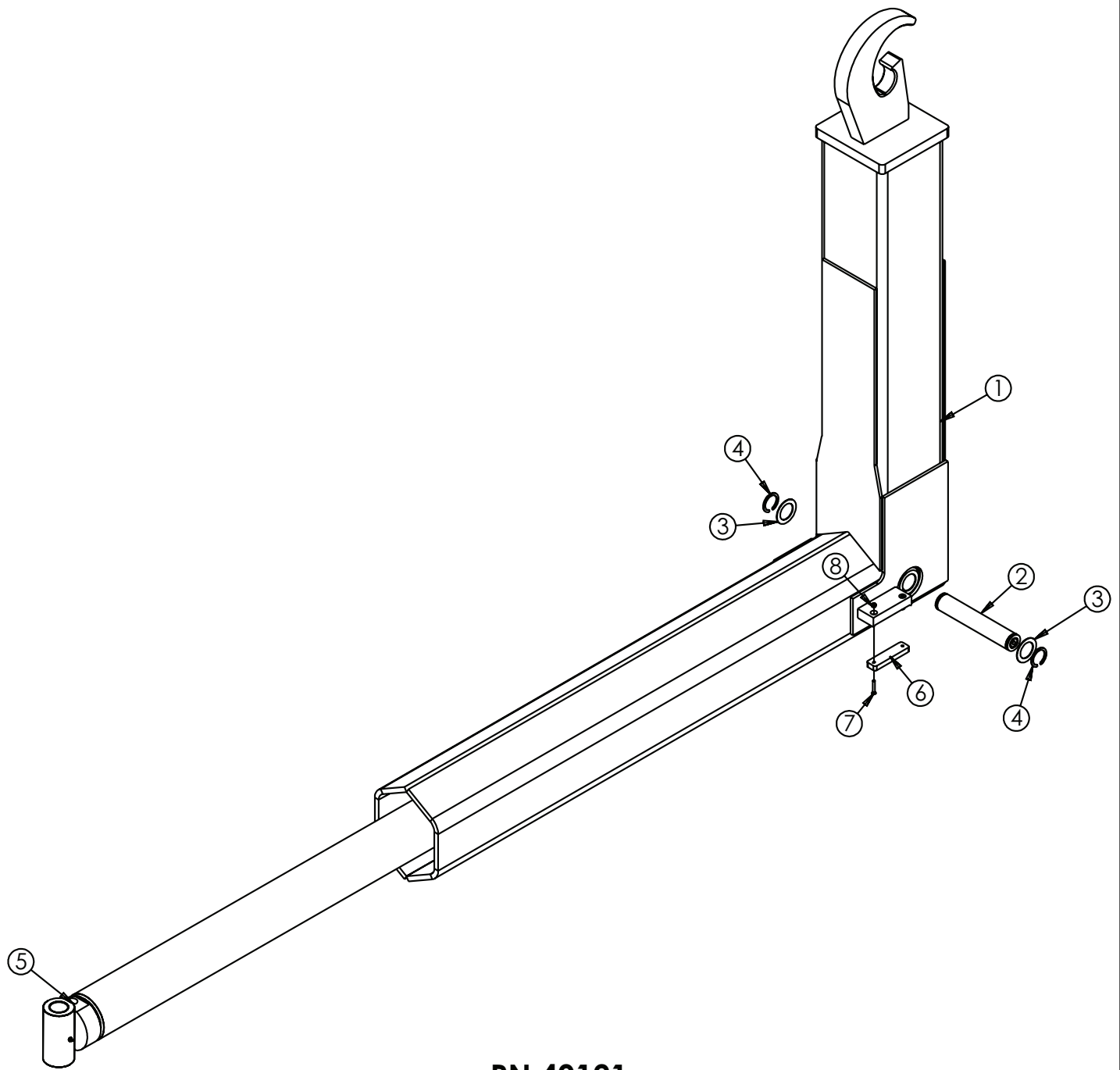
# Jib Assembly (54" Hook Height) - PN 56157



## PN 56157

ITEM	PART	DESCRIPTION	QTY.
1	56158	JIB WLDMT 190-24-65S 54HH	1
2	76720	WEARPAD JIB SLIDER 50	2
3	38833	PIN 2.00X11.38 SR SS	1
4	0377	MACHY WASHER 2.00ID 14GA	2
5	0108	SNAP RING 2.00 7200-200	2
6	38729	CYLINDER ASM 5.00X39.00	1
7	76182	CAP SCR 0.25-20X1.50 FSH PLN	4
8	0333	NUT 0.25-20 HHGR5 NYLOC	4

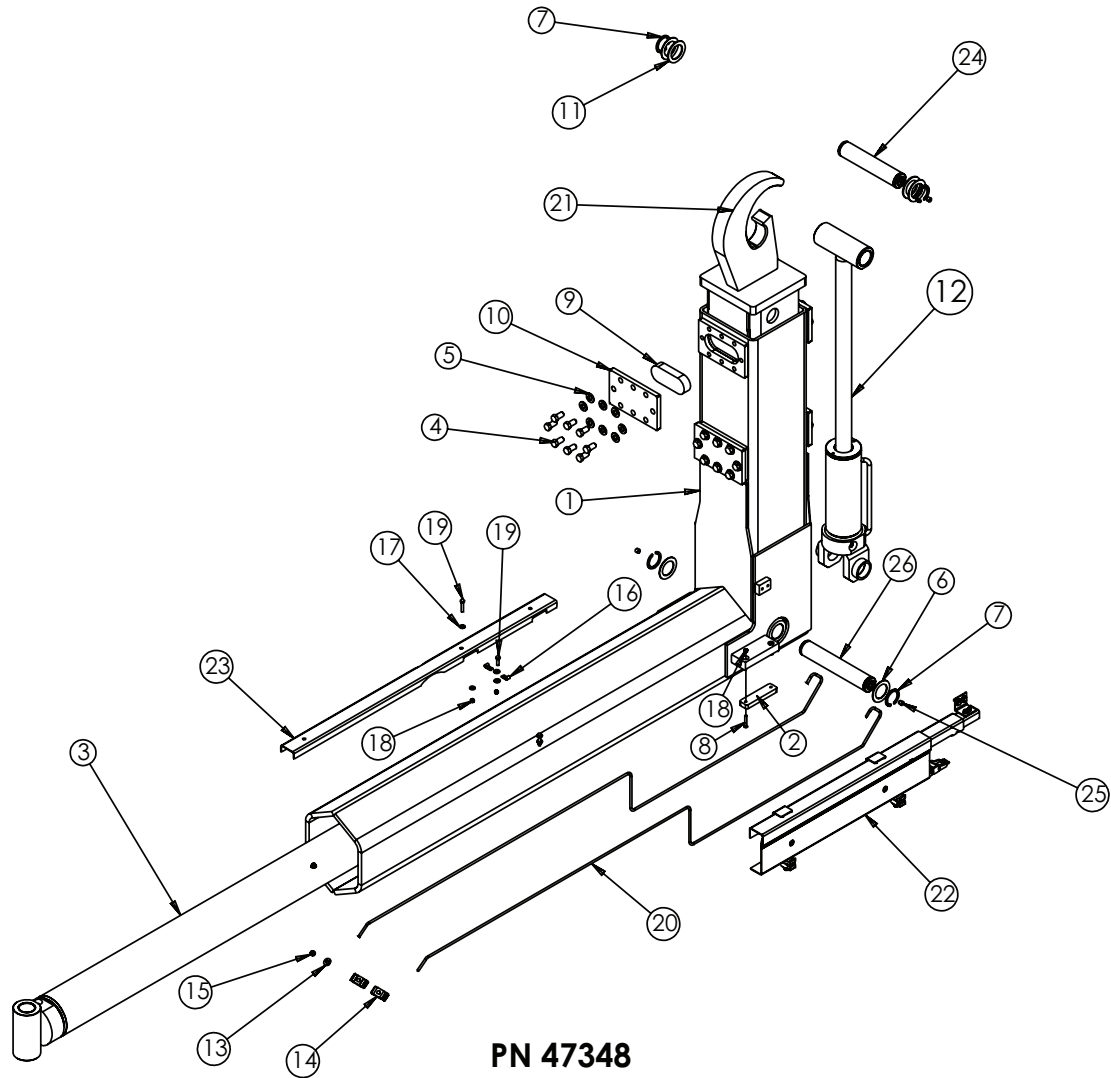
# Jib Assembly (61.75" Hook Height) - PN 40121



## PN 40121

ITEM	PART	DESCRIPTION	QTY
1	40122	JIB WLDMT 190-24-65S 62HH	1
2	38833CR	PIN 2.00X11.38 SR	1
3	0377	MACHY WASHER 2.00ID 14GA	2
4	0108	SNAP RING 2.00 7200-200	2
5	38729	CYLINDER ASM 5.00X39.00	1
6	76720	WEARPAD JIB SLIDER 50	2
7	76182	CAP SCR 0.25-20X1.50 FHS PLN	4
8	0333	NUT 0.25-20 HHGR5 NYLOC	4

# Jib Assembly (54/61.75" Hook Height) - PN 47348

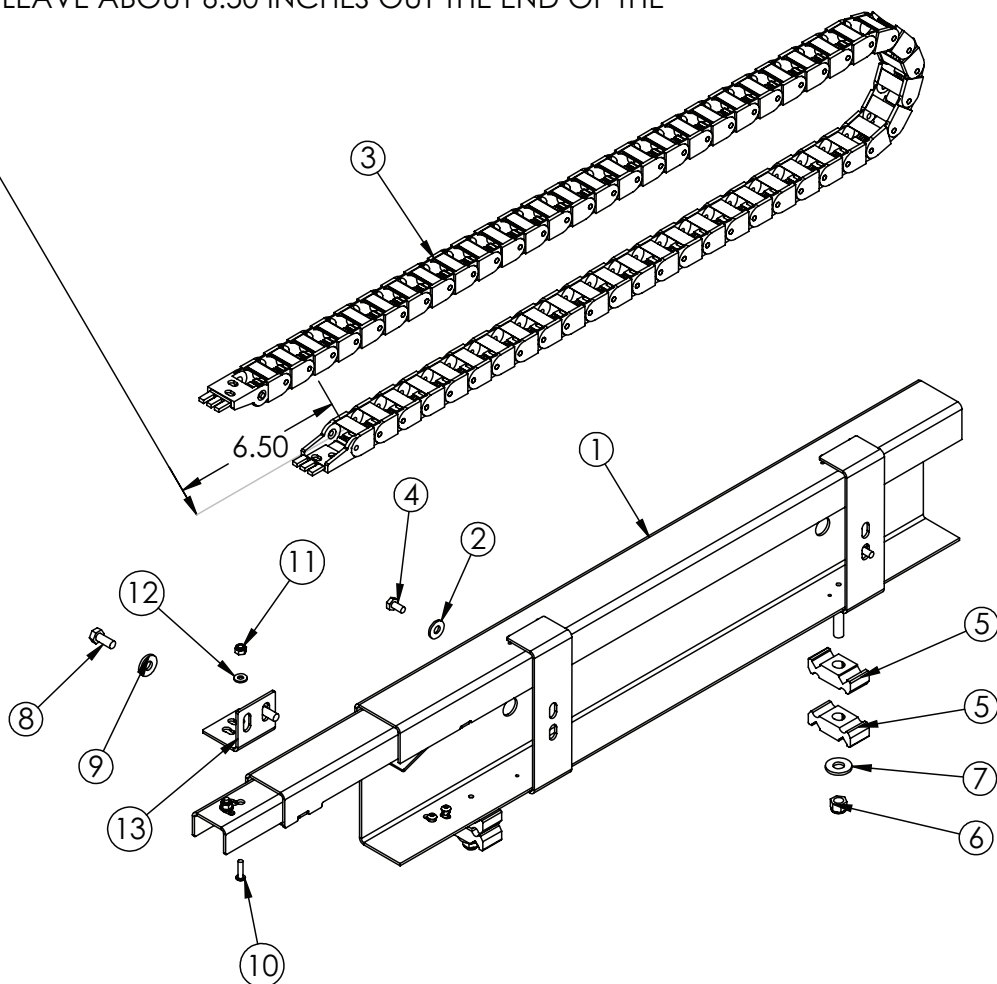


**PN 47348**

ITEM	PART	DESCRIPTION	QTY
1	47437	JIB BOTTOM SLIDER65 HYD	1
2	76720	WEARPAD JIB SLIDER 50	2
3	50739	CYLINDER ASM 5.00X39.00 SHORT BOSS	1
4	66839	CAP SCR 0.63-11X1.25 HHGR8 ZY W/RED PATCH	32
5	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	32
6	0377	MACHY WASHER 2.00ID 14GA	4
7	0108	SNAP RING 2.00 7200-200	4
8	76182	CAP SCR 0.25-20X1.50 FHSH PLN	4
9	47993	WEAR PAD S65 JIB HYD HH	4
10	47994PC	COVER WEAR PAD S65 JIB HYD HH	4
11	0427	MACHY WASHER 2.00ID 10GA	2
12	50740	CYLINDER ASM 4.00X7.75	1
13	0346	WASHER 0.38 FLAT	1
14	8622	CLAMP HOSE/TUBE AG-2	2
15	0347	NUT 0.38-16 HH NYLOC	1
16	C5606	CLAMP 0.25 BLK VINYL	2
17	D0917	WASHER 0.25 FLAT SS	7
18	0333	NUT 0.25-20 HHGR5 NYLOC	8
19	0486	CAP SCR 0.31-18X1.50 HHGR5	3
20	59087	TUBE ASM 0.25 SLIDER65 JIB HH YZ	2
21	58997	JIB TOP SLIDER65 HYD	1
22	59003	HOSE TRACK ASM SLIDER65	1
23	59090PC	CHANNEL FORMED 12GAX2.33X1.04X47.00	1
24	33741CR	PIN 2.00X10.19 SR	1
25	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	3
26	9710CR	PIN 2.00X11.69 SR/D&T	1

# Hose Track - PN 59003

NOTE: WHEN PLACING THE HOSES (84946) FROM KIT (84958) INTO THE HOSE TRACK (54193) LEAVE ABOUT 6.50 INCHES OUT THE END OF THE HOSE TRACK.

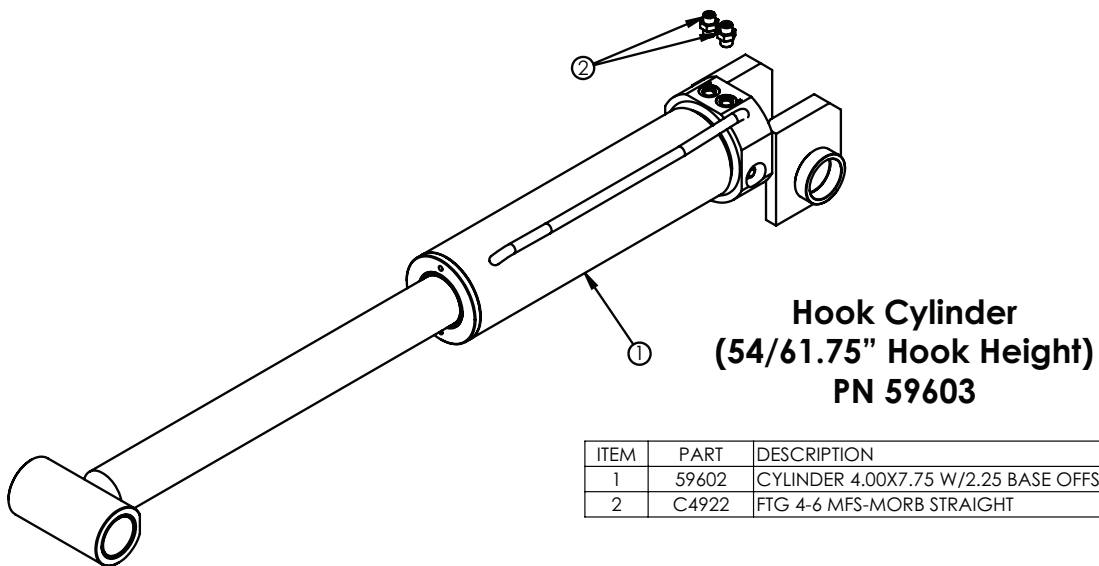
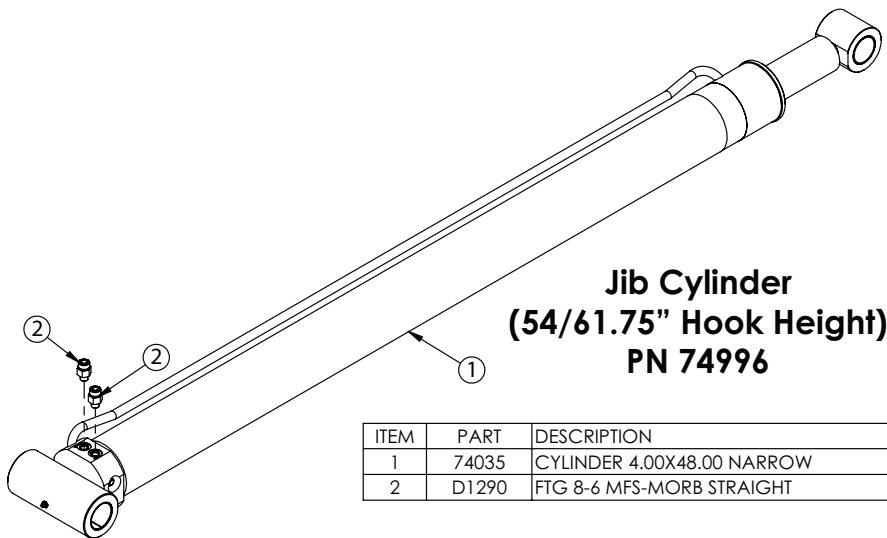
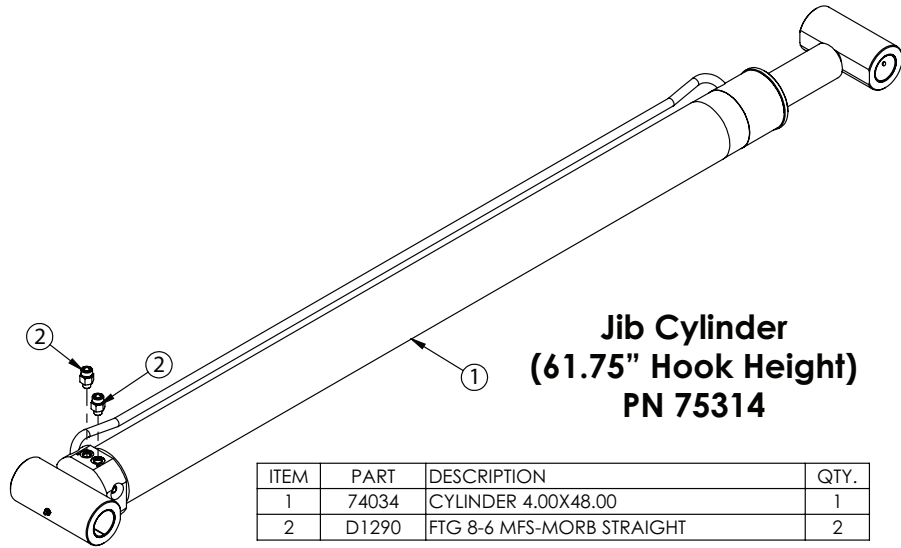


## PN 59003

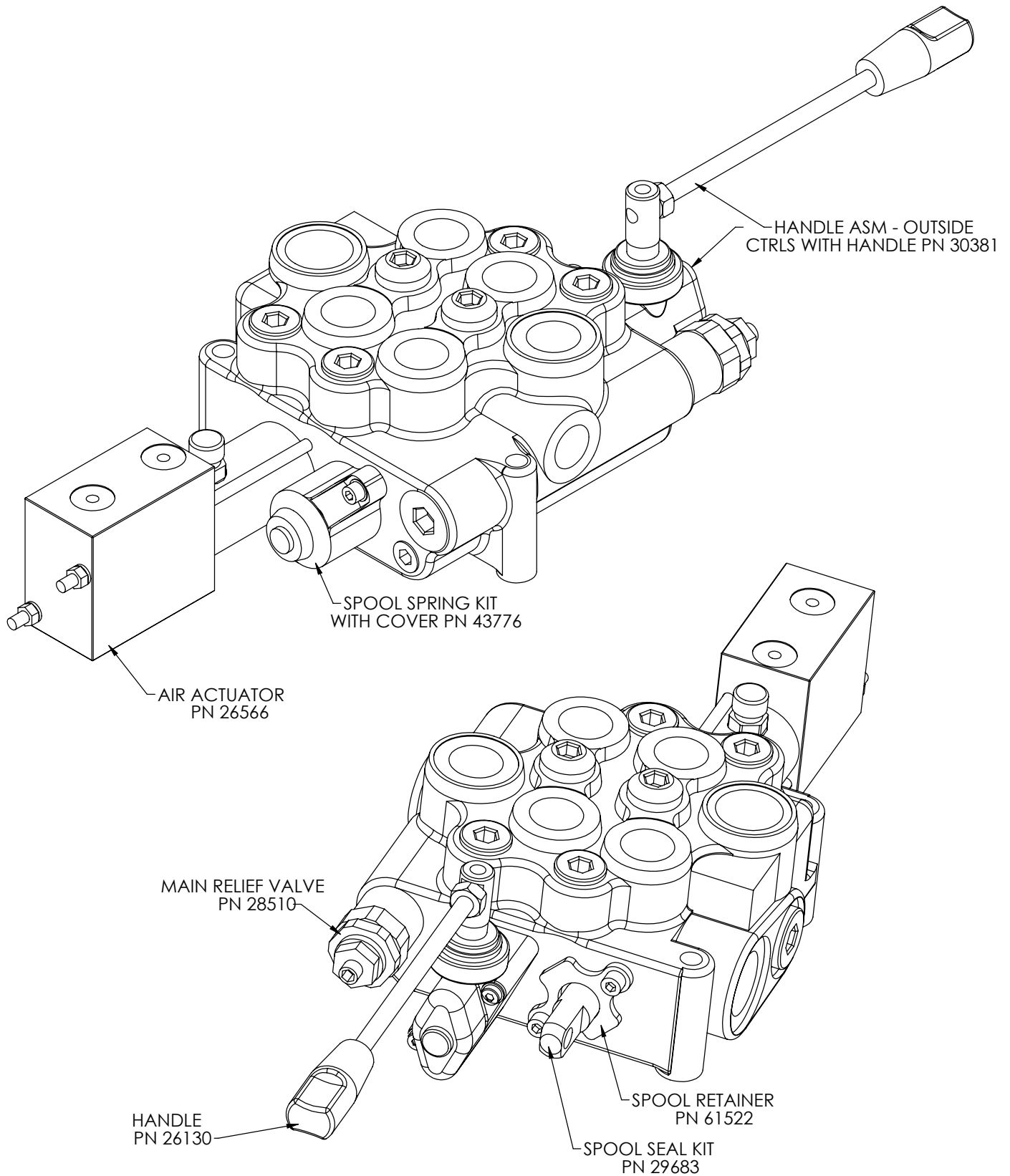
ITEM	PART No.	DESCRIPTION	QTY.
1	59004	HOSE TRACK WLDMT SLIDER65	1
2	0340	WASHER 0.25 USS FLAT	2
3	54193	HOSE TRACK SLIDER 26	1
4	0478	CAP SCR 0.25-20X0.50 HHGR5	2
5	8622	CLAMP HOSE/TUBE AG-2	4
6	0347	NUT 0.38-16 HHGR5 NYLOC	2
7	0346	WASHER 0.38 USS FLAT	2
8	0420	CAP SCR 0.31-18X0.75 HHGR5	2
9	0343	WASHER 0.31 USS FLAT	2
10	D0894	CAP SCR #10-24X0.75 BTNHD SS	4
11	C4956	NUT #10-24 HH NYLOC SS	4
12	D0178	WASHER #10 SAE FLAT	4
13	58974	ANGLE FORMED 0.63X1.50X12GAX3.00	1



# Slider65 Cylinder Assemblies



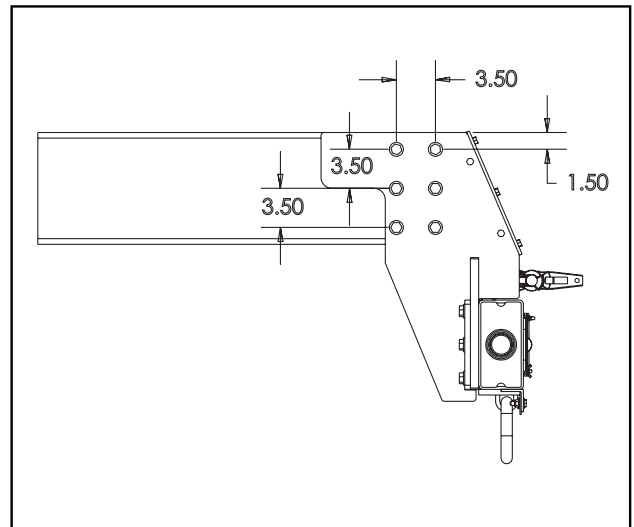
# Valve Bank Parts Drawing



# Pintle Bumper - PN 63580

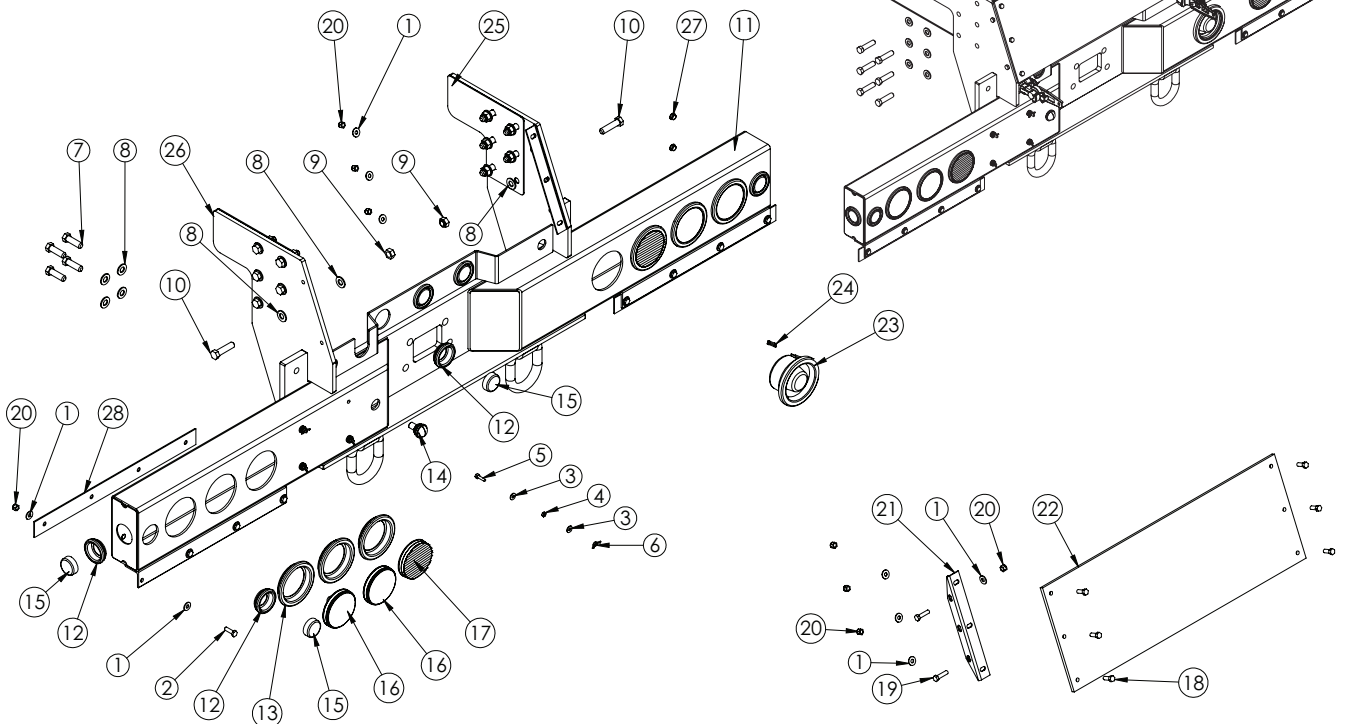
## PN 63580

ITEM	PART No.	DESCRIPTION	QTY.
1	0346	WASHER 0.38 FLAT	26
2	0335	CAP SCR 0.38-1.6X1.25 HHGR5	8
3	0340	WASHER 0.25 FLAT	8
4	0533	NUT 0.25-20 HH	4
5	0480	CAP SCR 0.25-20X1.00 HHGR5	4
6	0654	NUT 0.25-20 WING	4
7	C1025	CAP SCR 0.63-11X2.00 HHGR8	6
8	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	28
9	24868	NUT 0.63-11 HHGR8 NYLOC	8
10	C1026	CAP SCR 0.63-11X2.50 HHGR8	14
11	61366	BUMPER WLDMT FOR 90K PINTLE TARTER	1
12	C4862	GROMMET FOR 2 CLEARANCE 30700	7
13	10334	GROMMET 4.00 ROUND LAMP (PETERSON)	6
14	2320	LICENSE PLATE LIGHT ROUND 430 W	1
15	13145	LIGHT CLEARANCE RED RND 2 LED	7
16	13143	LIGHT STOP/TURN/TAIL 4 RND LED	4
17	27626	LIGHT BACKUP LED 62391	2
18	0351	CAP SCR 0.38-1.6X1.00 HHGR5	6
19	0345	CAP SCR 0.38-1.6X1.50 HHGR5	4
20	0347	NUT 0.38-16 HHGR5 NYLOC	18
21	38861PC	ANGLE BRKT REAR PLT POWDERCOAT BLK	2
22	31329PC	PLATE 0.38X12.00X34 POWDERCOAT BLK	1
23	18742	BACKUP ALARM ACORN 97 DECIBAL	1
24	C0073	TERML 1.6-14 BLUE BUTT WATER TIGHT	2
25	63583	SPACER .13 AL SHEAR PLATE BUMPER SLIDER65	2
26	63581	SHEAR PLATE WLDMT BUMPER MOUNT SLIDER65	2
27	65956	PLUG PLASTIC 0.56 HOLE	4
28	45039	PLATE MUD FLAP BACKING KPCC PC BLACK	2



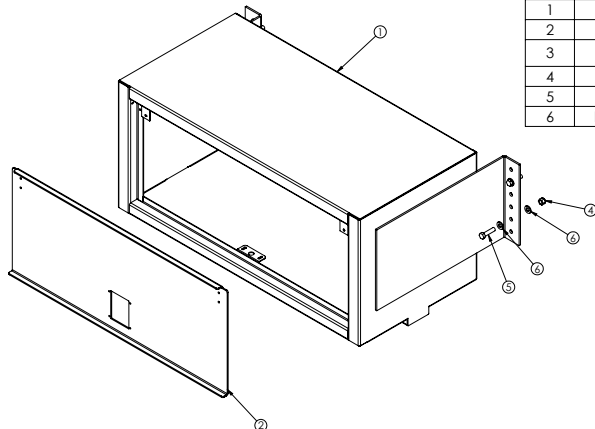
ITEMS NOT SHOWN:  
 38056 - WIRE HARNESS FMV108 HOOK LOADER X 1  
 40310 - WIRE HARNESS FMVSS108 CHASSIS X 1

RAILS SHOWN AS REFERENCE.



# Toolbox Assembly - PN 8480

PN 8480

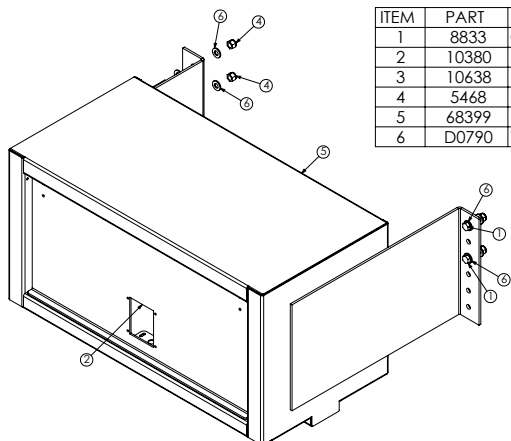


ITEM	PART	DESCRIPTION	QTY.
1	66791	UBTB WLDMT OH 20X45X22 W/MOUNTS	1
2	7193	DOOR AL OH 17.13X40.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	8833	CAP SCR 0.50-13X2.00 HHGR8	4
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

NOTE: ITEMS NOT SHOWN:  
C5976 (8 FT) WEATHERSTRIP  
70174 OH DOOR STOP KIT

# Toolbox Assembly - PN 10401

PN 10401

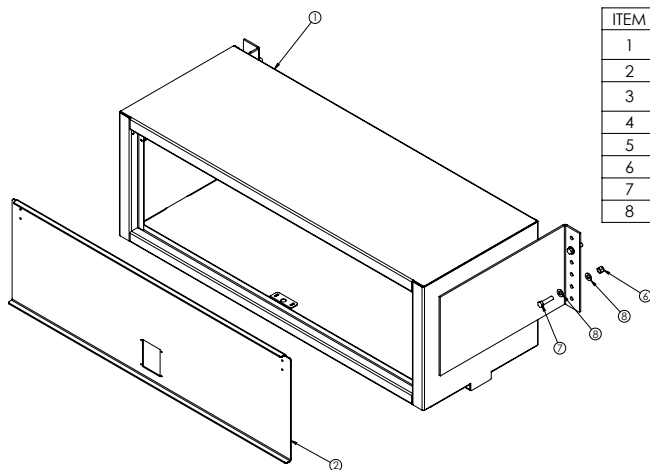


ITEM	PART	DESCRIPTION	QTY.
1	8833	CAP SCR 0.50-13X2.00 HHGR8	4
2	10380	DOOR AL OH 15.19X31.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	68399	UBTB WLDMT OH OH 18X36X18 W/MOUNTS TAB	1
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

ITEMS NOT SHOWN:  
C5976 (5 FT) WEATHERSTRIP  
70174 OH DOOR STOP KIT

# Toolbox Assembly - PN 10402

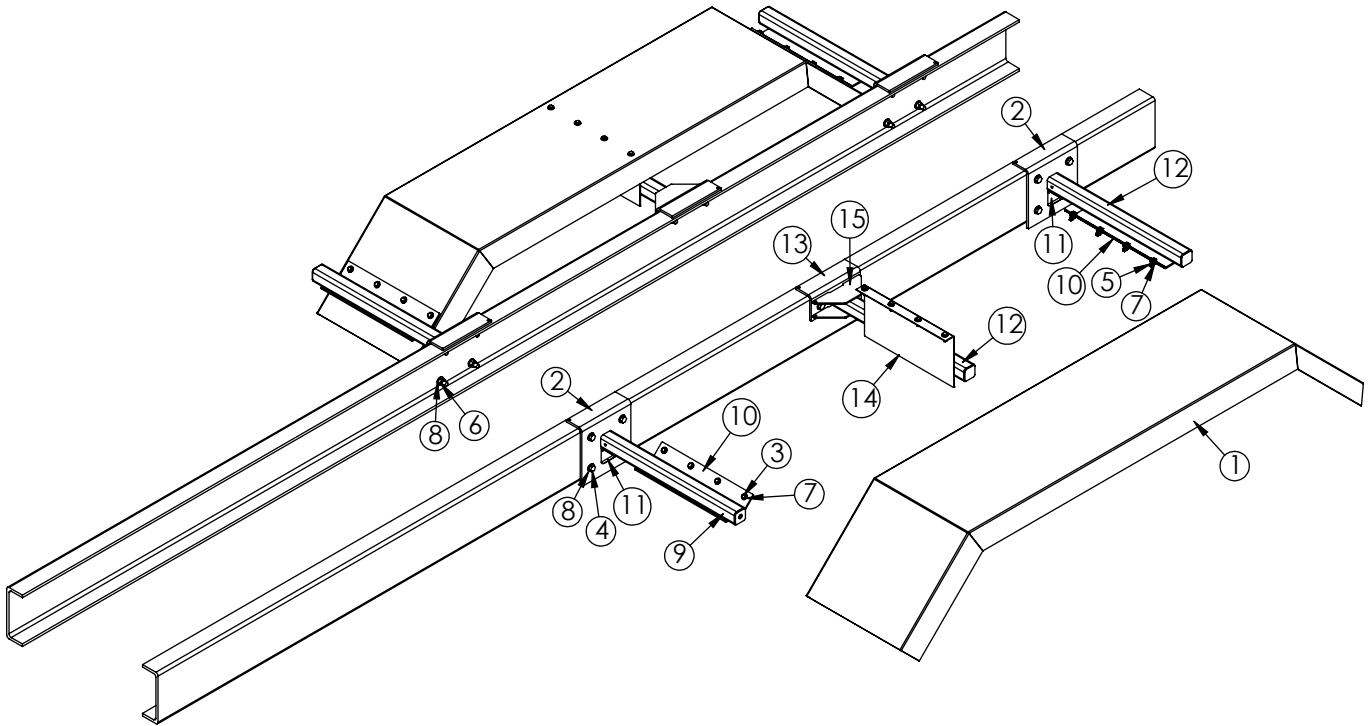
PN 10402



ITEM	PART	DESCRIPTION	QTY.
1	68604	UBTB WLDMT OH 20X58X22 W/MOUNTS TAB	1
2	10427	DOOR AL OH 17.19X53.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	0479	CAP SCR 0.25-20X0.75 HHGR5	2
5	0333	NUT 0.25-20 HHGR5 NYLOC	2
6	5468	NUT 0.50-13 HHGR8 NYLOC	4
7	8833	CAP SCR 0.50-13X2.00 HHGR8	4
8	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

ITEMS NOT SHOWN:  
C5976 (8 FT) WEATHERSTRIP  
70174 OH DOOR STOP KIT

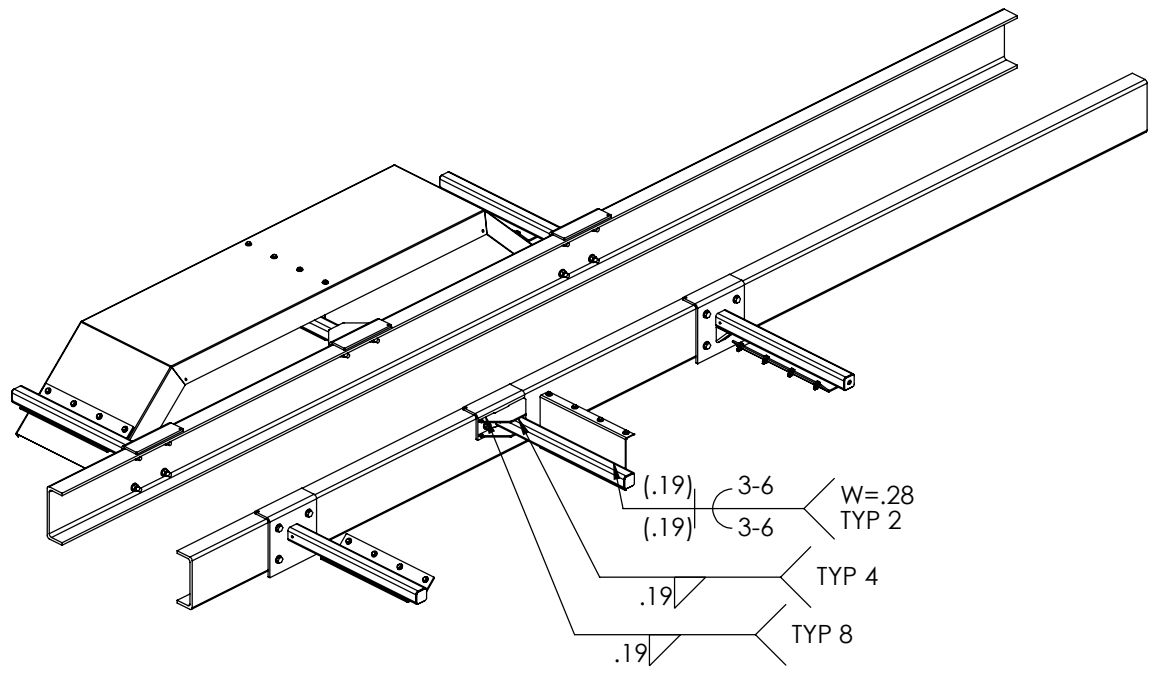
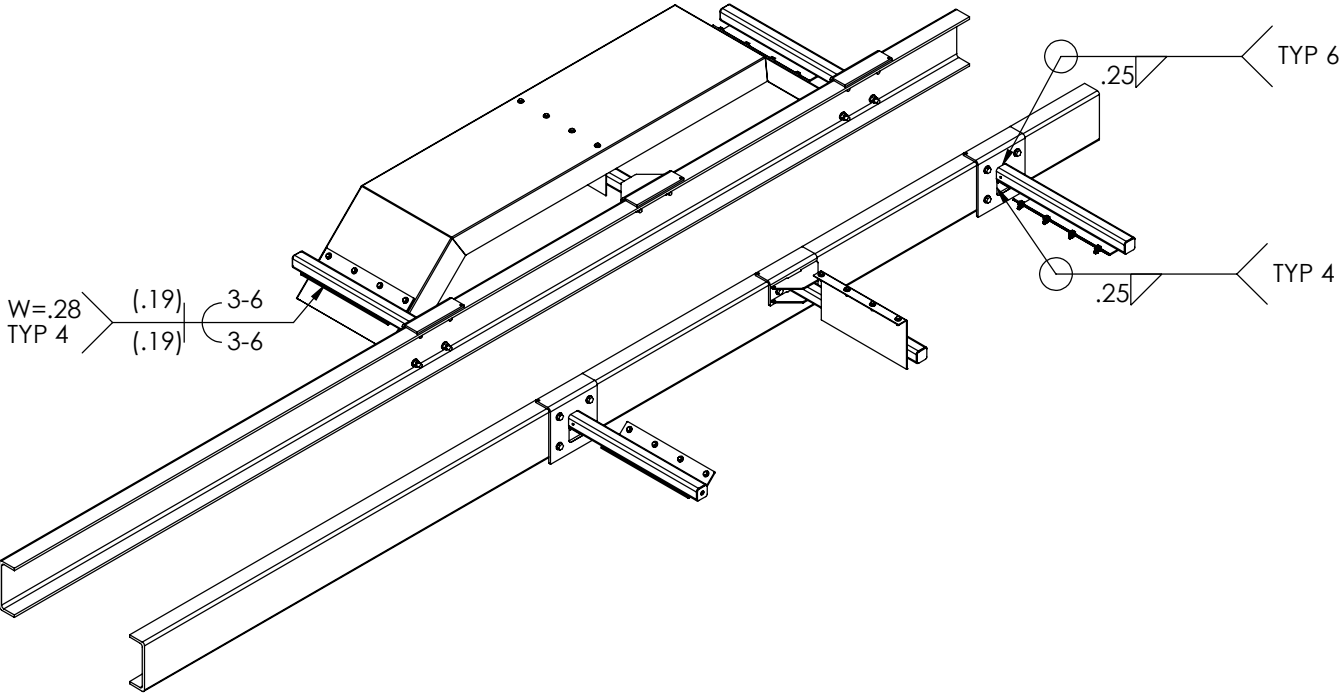
# Optional Fender Kit - PN 115695



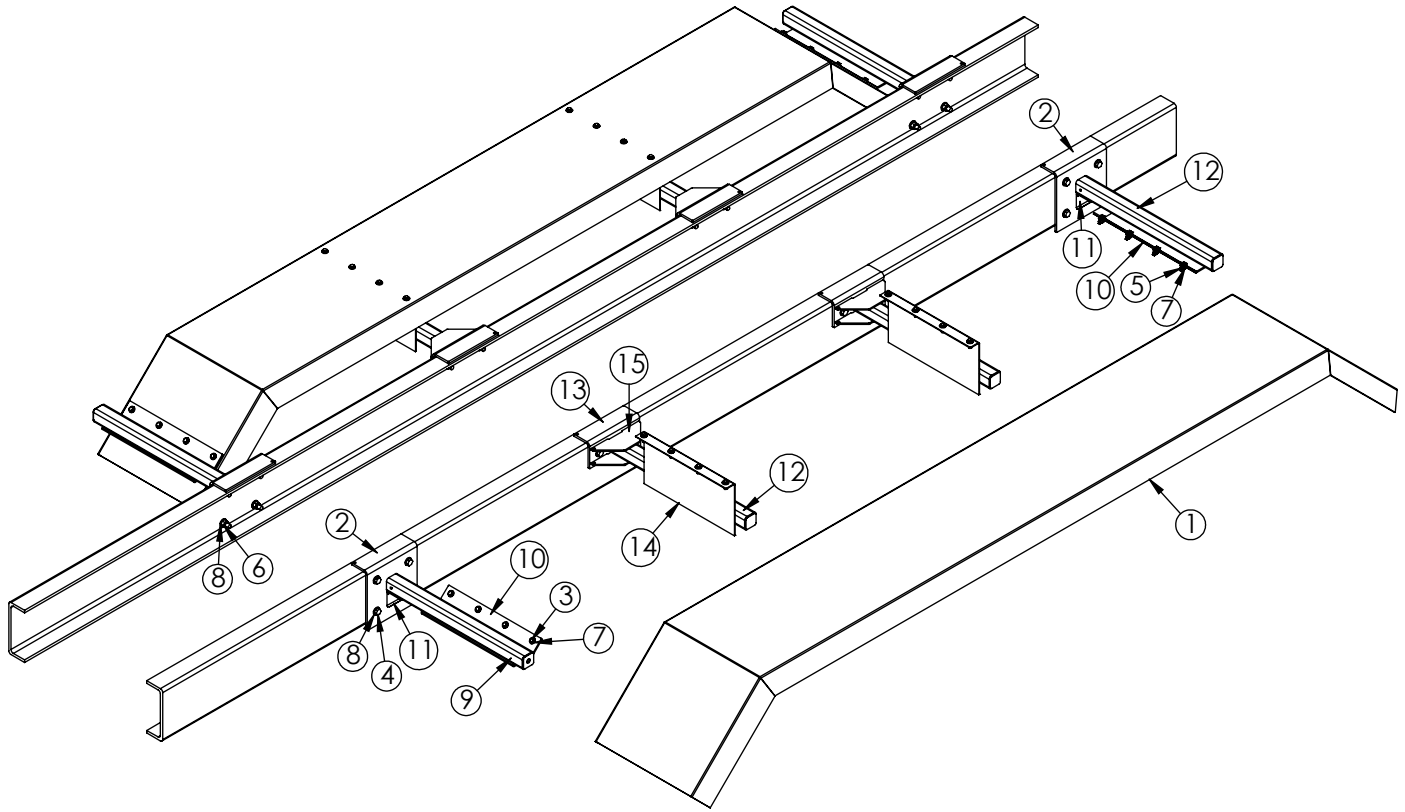
## PN 115695

ITEM	PART No.	DESCRIPTION	QTY.
01	118143	FENDER TANDEM DPS CNE W/ PAINT	2
02	118842	ANGLE FORMED 3.50X11.25X0.38X11.00	4
03	0335	CAP SCR 0.38-16X1.25 HHGR5	24
04	C1026	CAP SCR 0.63-11X2.50 HHGR8	20
05	0347	NUT 0.38-16 HHGR5 NYLOC	24
06	24868	NUT 0.63-11 HHGR8 NYLOC	20
07	0346	WASHER 0.38 USS FLAT	48
08	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	40
09	118839	WLDMT TUBE 2.50X2.50X0.19WX30.00 W/HOLE	2
10	118676	BRKT FENDER MNT FRONT HOOKLIFT TANDEM STEEL	4
11	47209	BRKT FENDER KP60	3
12	118840	WLDMT TUBE 2.50X2.50X0.19WX30.00	4
13	118843	ANGLE FORMED 3.50X4.88X0.38X11.00	2
14	118837	ANGLE FORMED 10GAX2.00X10.00X20.00	2
15	118841	PLATE TAPER TUBE MID MOUNT SUPPORT	4

# Optional Fender Kit - PN 115695 cont.



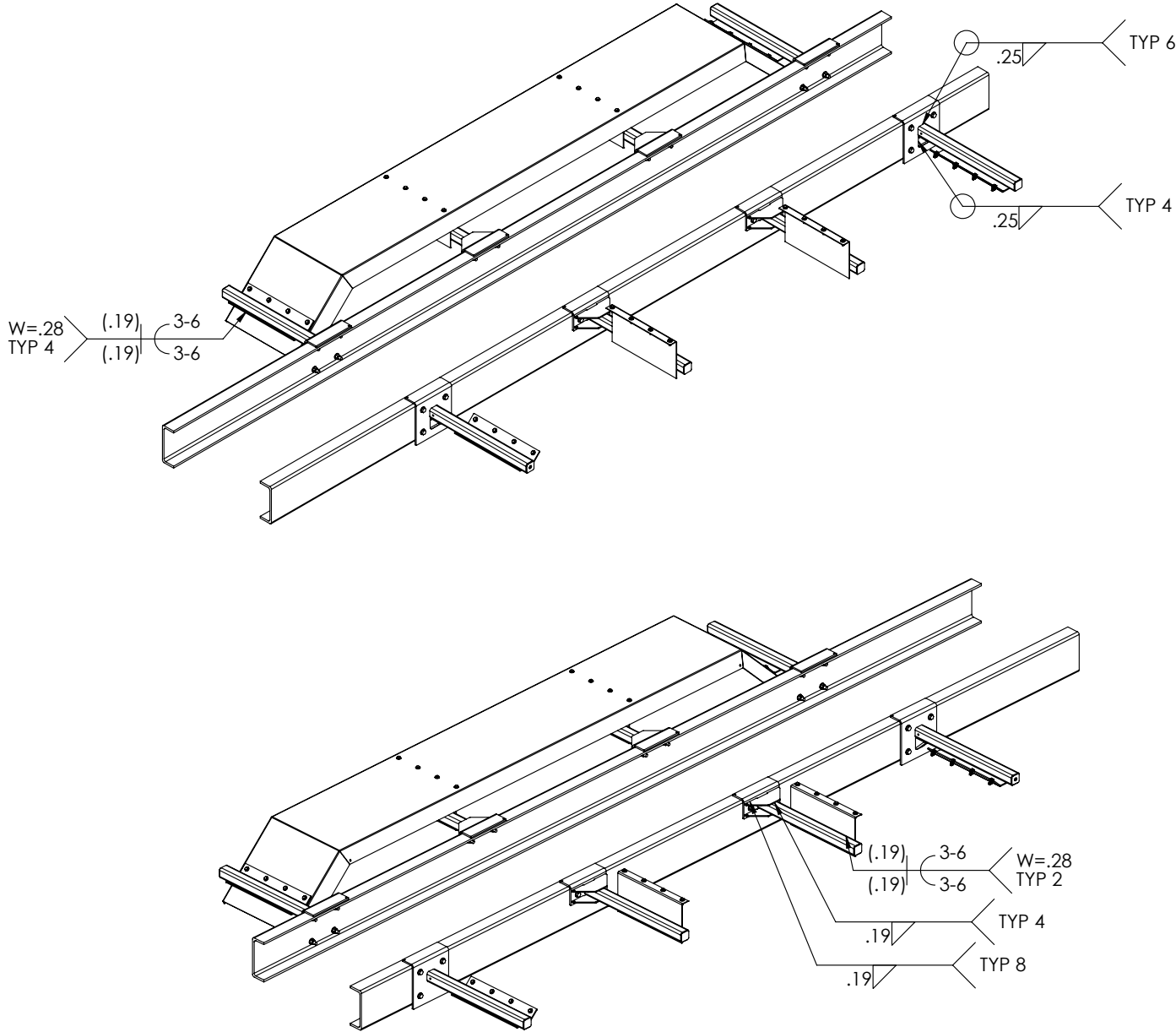
# Optional Fender Kit - PN 115698



## PN 115698

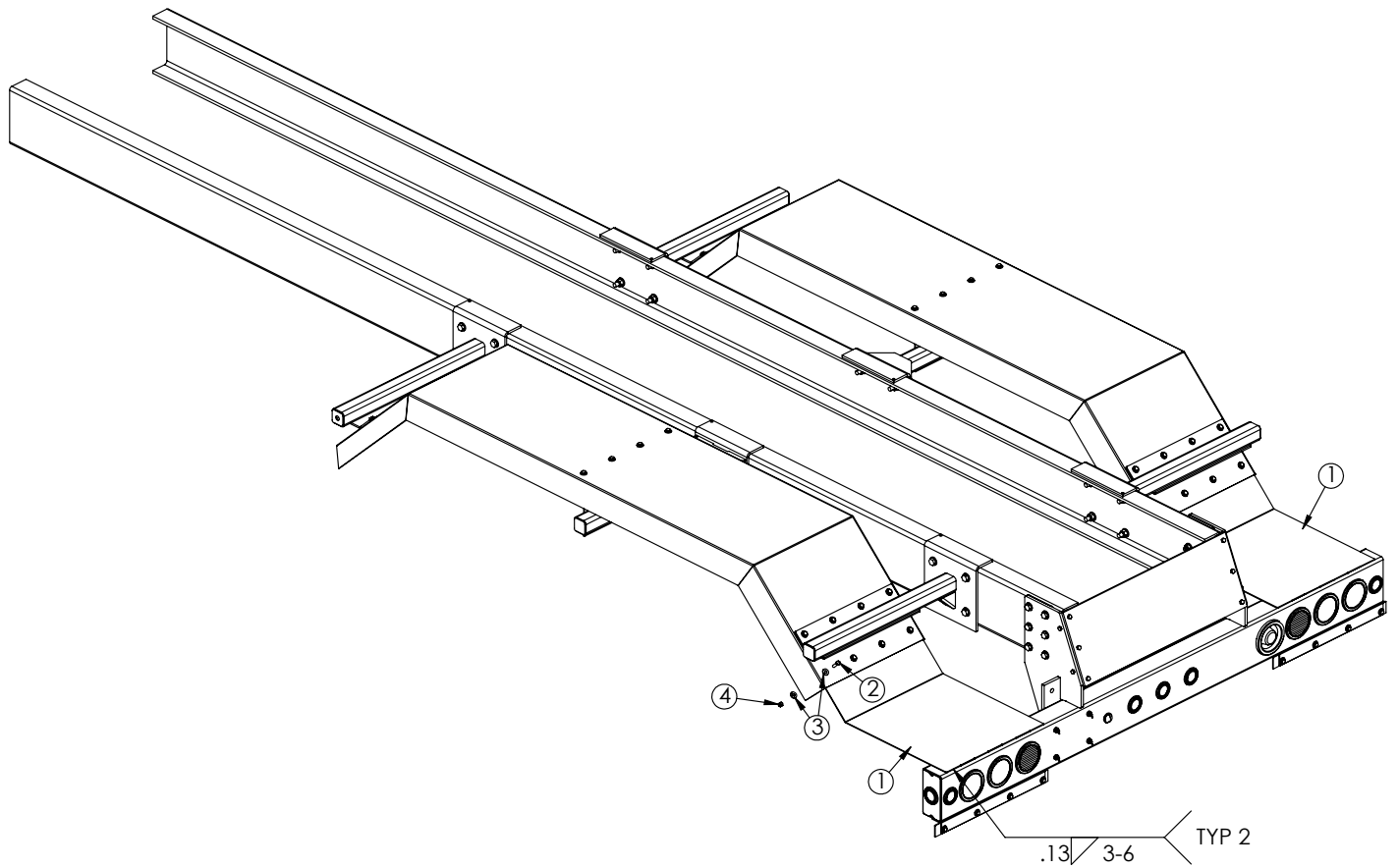
ITEM	PART No.	DESCRIPTION	QTY.
01	118142	FENDER TRI-AXLE DPS CNE W/ PAINT	2
02	118842	ANGLE FORMED 3.50X11.25X0.38X11.00	4
03	0335	CAP SCR 0.38-16X1.25 HHGR5	32
04	C1026	CAP SCR 0.63-11X2.50 HHGR8	24
05	0347	NUT 0.38-16 HHGR5 NYLOC	32
06	24868	NUT 0.63-11 HHGR8 NYLOC	24
07	0346	WASHER 0.38 USS FLAT	64
08	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	48
09	118839	WLDMT TUBE 2.50X2.50X0.19WX30.00 W/HOLE	2
10	118676	BRKT FENDER MNT FRONT HOOKLIFT TANDEM STEEL	4
11	47209	BRKT FENDER KP60	3
12	118840	WLDMT TUBE 2.50X2.50X0.19WX30.00	6
13	118843	ANGLE FORMED 3.50X4.88X0.38X11.00	4
14	118837	ANGLE FORMED 10GAX2.00X10.00X20.00	4
15	118841	PLATE TAPER TUBE MID MOUNT SUPPORT	8

# Optional Fender Kit - PN 115698 cont.





# Optional Threshold Plate Kit - PN 118281



## PN 118281

ITEM	PART No.	DESCRIPTION	QTY.
01	118277	PLATE BUMPER THRESHOLD TANDEM FENDER 24IN	2
02	0335	CAP SCR 0.38-16X1.25 HHGR5	8
03	0346	WASHER 0.38 USS FLAT	16
04	0347	NUT 0.38-16 HHGR5 NYLOC	8









Subject to Change without Notification.  
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