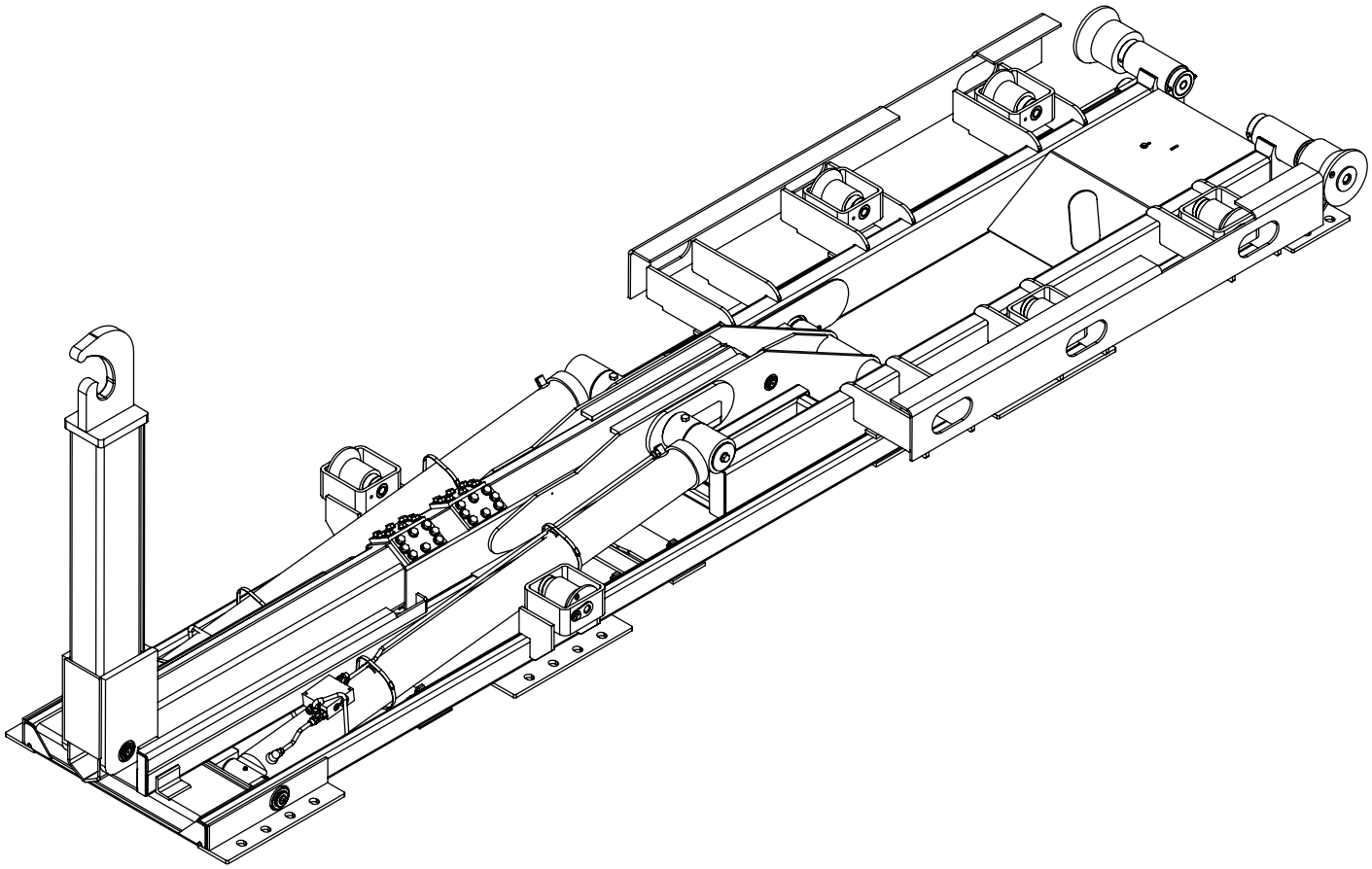
Slider34 Hooklift
Owner's Manual

Installation • Assembly Drawings • Parts



Stellar Industries, Inc.
190 State Street
PO Box 169
Garner, IA 50438
800-321-3741
Fax: 641-923-2811
www.stellarindustries.com

Subject to Change without Notification.
© 2024 Stellar Industries, Inc.

Rev 1
PN 41994

Slider Hooklift Manual Revisions

Date of Revision	Section Revised	Description of Revision

Table of Contents

Introduction iv
Serial Tag Location v
Chapter 1 - Specifications 1
Slider34 Specifications 1
Slider34 Latch Locations for Skid Compatibility 2
Slider34 Grease Zerk Locations 3
Chapter 2 - Installation 5
General Installation 5
Installer Notice 5
Torque Data Chart 6
Installation Note 7
Step 1: Set the hooklift onto the truck frame. 7
Step 2: Drill mounting holes. 7
Step 3: Install bumper. 8
Step 4: Install tie-downs. 8
Step 5: Install tarper tower (If applicable). 8
Step 6: Install hydraulic reservoir and valve bank. 8
Reservoir Assembly (2 Section Cable Controls) - PN 86463 9
Reservoir Assembly (3 Section Cable Controls) - PN 86473 10
Reservoir Assembly (2 Section Air Controls) - PN 86466 11
Reservoir Assembly (3 Section Air Controls) - PN 86477 12
Reservoir Subassembly - PN 86006 13
Step 7: Install PTO and pump. 16
Step 8: Route hydraulic hoses. 17
Hose Kit - PN 58089 (Fixed Hook Height Models) 17
Hose Kit - PN 84955 (Adjustable Hook Height Models) 18
Power Beyond VDM8 Valve 19
Step 9: Route Electrical Components 20
Step 10: Install cab and PTO controls. 21
Cable Controls 21
Air Controls 2-Section - PN 75868 22
Air Controls 3-Section - PN 88647 24
Air Controls 3-Section - PN 88647 Parts List 25
Step 11: Install Hoist Up Light Sensor - PN 83115 26
Step 12: Install mud flaps and fenders. 27
Poly Tandem Fender Assembly - PN 58217 27
Steel Tandem Fender Assembly - PN 100617 28
Step 13A: Apply Hooklift Assembly Decals 29
Step 13B: Apply Chassis Decals 30
Step 14: Fill reservoir and activate hydraulic flow. 31
Step 15: Operate hooklift. 31
Set System Relief Pressure 32
Chapter 3 - Assembly Drawings 34
Base Assembly - PN 59206 34
Dump Assembly - PN 59208 36
Secondary Assembly - PN 57788 37
Main Cylinder Assembly - PN 58053 38
Jib Assembly (54” Hook Height) - PN 47054 39
Jib Assembly (54” Hook Height) w/Dock Latches- PN 55321 40
Jib Assembly (61.75” Hook Height) - PN 46704 41
Adj. Hook Height Assembly (Man.) - PN 120811 42
Jib Assembly (61.75” Hook Height) w/Dock Latches - PN 57484 43
Jib Assembly (61.75” Hook Height) - PN 56864 44
Jib Assembly Slider34 HYD Gen2 - PN 136993 45
Jib Assembly Slider34 HYD Gen2 - PN 136993 Parts List 46
Hose Track - PN 136996 48
Slider34 Cylinder Assemblies 49
Valve Bank Parts Drawing 50
Toolbox Assembly - PN 8480 51
Toolbox Assembly - PN 10401 51
Toolbox Assembly - PN 10402 51
Optional Fender Kit - PN 115695 52
Optional Fender Kit - PN 115695 cont. 53
Optional Threshold Plate Kit - PN 118281 54

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.

For Technical Questions, Information, Parts, or Warranty, Call Toll-Free at

800-321-3741

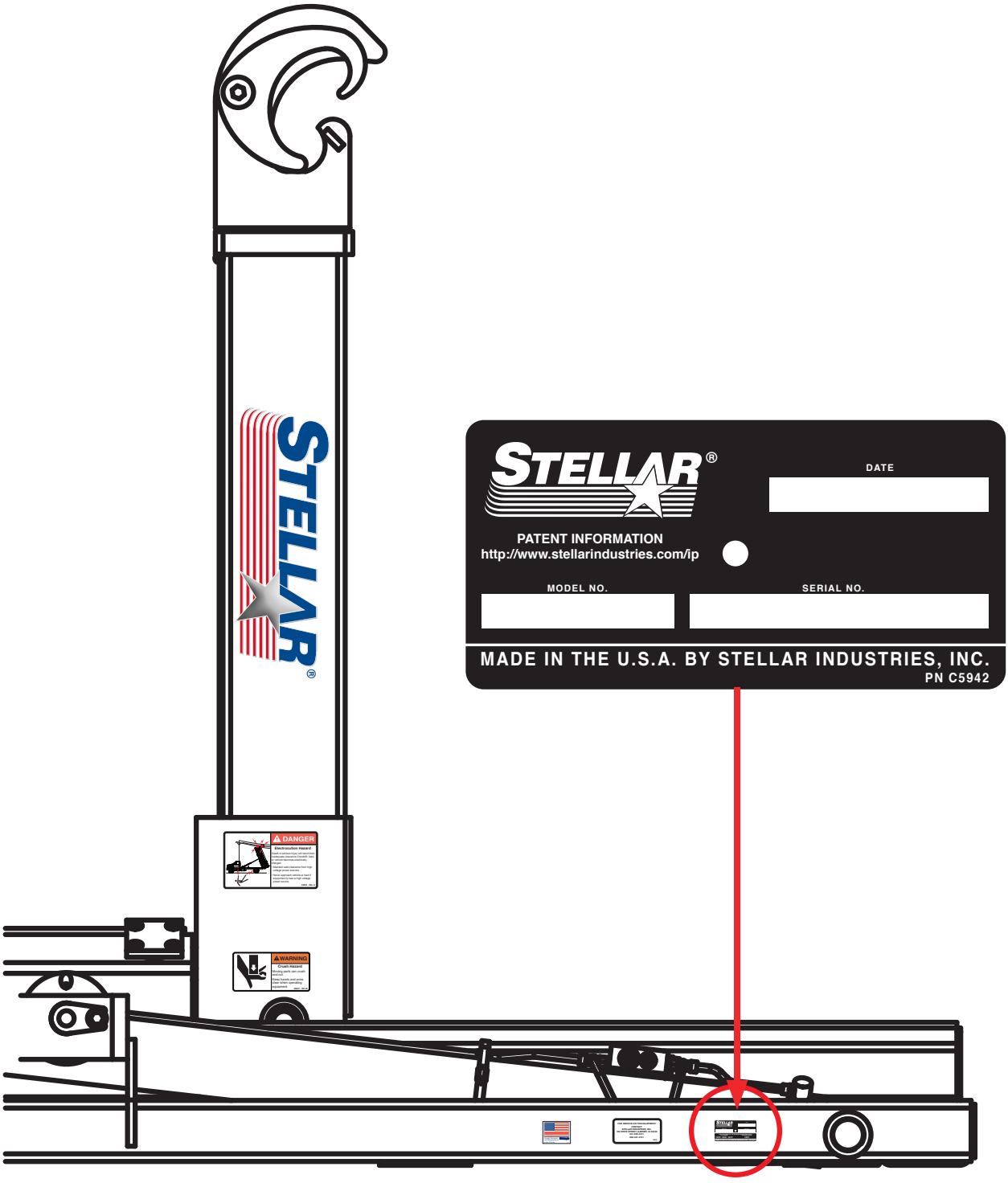
Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m. CST

Or email at the following addresses:

Technical Questions, and Information	service@stellarindustries.com
Order Parts	parts@stellarindustries.com
Warranty Information	warranty@stellarindustries.com

Serial Tag Location

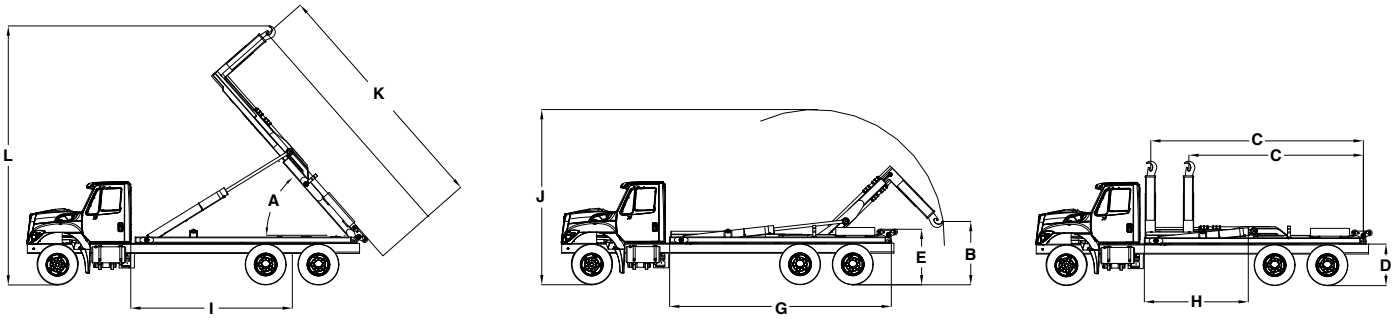
The serial tag should be located on the right side (passenger side) of the base assembly:



This page intentionally left blank.

Chapter 1 - Specifications

Slider34 Specifications



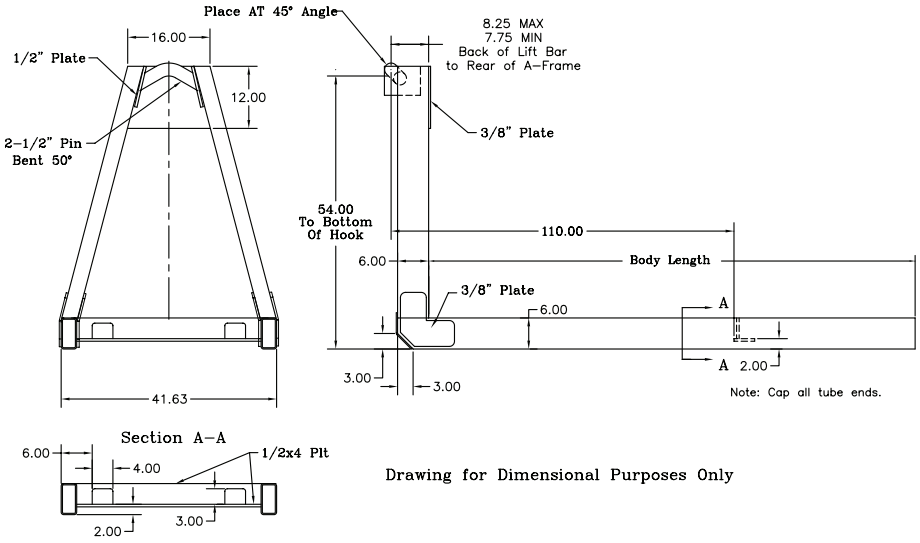
		54” (1,372mm) Fixed Hook Height	61.75” (1,569mm) Fixed Hook Height	54” (1,372mm) to 61.75” (1,569mm) Adjustable Hook Height
	Lifting Capacity	28,800 lbs (13,063 kg)	34,000 lbs (15,422 kg)	28,800 lbs - 34,000 lbs (13,063 kg - 15,422 kg)
	Dumping Capacity	34,000 lbs (15,422 kg)	34,000 lbs (15,422 kg)	34,000 lbs (15,422 Kg)
A	Dump Angle	50°	50°	50°
B	Lowest Hook Height	48” (1,219 mm)	42” (1,067 mm)	48” or 42” (1,219 mm or 1,067 mm)
C	Effective Length	168” to 208” (4,267 mm to 5,283 mm)	168” to 208” (4,267 mm to 5,283 mm)	168” to 208” (4,267 mm to 5,283 mm)
D	Truck Frame Height	41” (1,041 mm)	41” (1,041 mm)	41” (1,041 mm)
E	Hooklift Height	52.63” (1,337 mm)	52.63” (1,337 mm)	52.63” (1,337 mm)
F	Hooklift Length	216” (5,486 mm)	216” (5,486 mm)	216” (5,486 mm)
G	Hooklift Center of Gravity	101” (2,565 mm)	101.45” (2,577 mm)	97” (2,464 mm)
H	Chassis Cab to Axle	180” to 188” (4,572 mm to 4,775 mm))***	180” to 188” (4,572 mm to 4,775 mm))***	180” to 188” (4,572 mm to 4,775 mm)***
I	Chassis Cab to Trunion	160” to 174” (4,064 mm to 4,420 mm))***	160” to 174” (4,064 mm to 4,420 mm))***	160” to 174” (4,064 mm to 4,420 mm)***
J	Max. Height When Loading	164” (4,166 mm)	164” (4,166 mm)	164” (4,166 mm)
K	Longest Body When Dumping	252” (6,401 mm)	252” (6,401 mm)	252” (6,401 mm)
L	Max. Height When Dumping	252” (6,041 mm)	252” (6,041 mm)	252” (6,041 mm)
	Maximum Operating Pressure	4,265 psi (29.4 MPa)	4,265 psi (29.4 MPa)	4,265 psi (29.4 MPa)
	Hydraulic Flow	24 gpm (91 lpm)	24 gpm (91 lpm)	24 gpm (91 lpm)
	Shipping Weight	4,300 lbs (1,950 kg)	4,300 lbs (1,950 kg)	4,475 lbs (2,030 kg)
	Shipping Dimensions (LxWxH)	211” x 78” x 53”	211” x 78” x 53”	211” x 78” x 53”
	Minimum Truck GVWR	32,000 lbs (14,515 kg)	32,000 lbs (14,515 kg)	32,000 lbs (14,515 kg)
	Load Angle w/Shortest Body Length	38°	36°	38° or 36°
	Recommended Container Lengths*	14’ to 20’ (4.9 to 6.7 m)	14’ to 20’ (4.9 to 6.7 m)	14’ to 20’ (4.9 to 6.7 m)
	Recommended Flatbed Lengths**	14’ to 21’ (4.9 to 7.3 m)	14’ to 21’ (4.9 to 7.3 m)	14’ to 21’ (4.9 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)

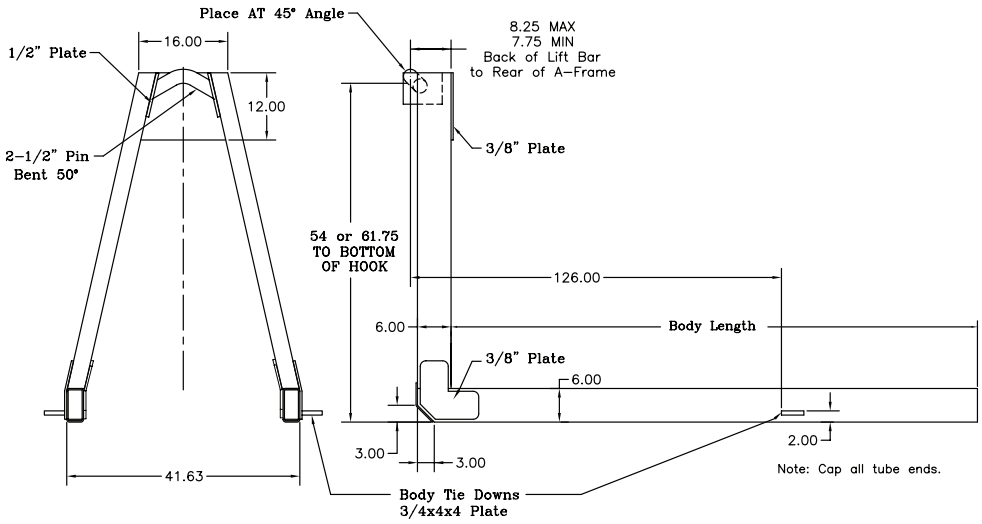
***Weight Distribution Required

Slider34 Latch Locations for Skid Compatibility



Drawing for Dimensional Purposes Only

Minimum recommended rail construction.	
120-16-20	6x2x1/4
Slider20S	6x2x1/4
Slider26	6x2x1/4
Slider34	6x2x1/4

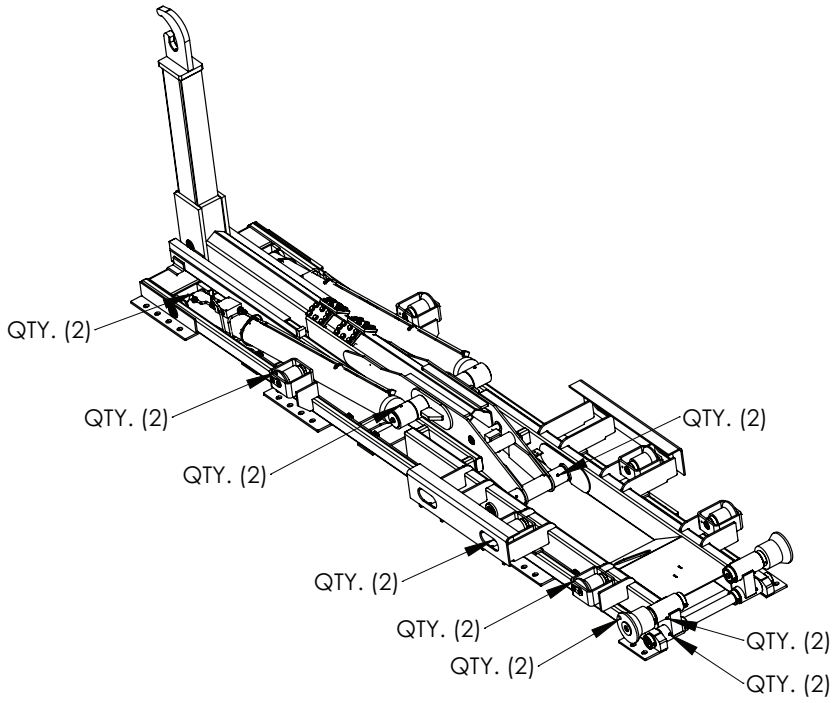


Drawing for Dimensional Purposes Only

Minimum recommended rail construction per number of rear rollers on loader.		
	Single	Double
Slider34	6x3x3/8 & 1/2x3 Plt	6x3x3/8 & 1/2x3 Plt
Slider40	6x3x3/8 & 1/2x3 Plt	6x3x3/8 & 1/2x3 Plt

Slider34 Grease Zerk Locations

Slider34



Note: Grease After Every 100 Cycles.

This page intentionally left blank.

Chapter 2 - Installation

General Installation

This chapter is designed to serve as a general guide for the installation of a Stellar® Slider34 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

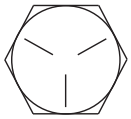
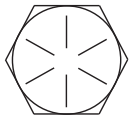
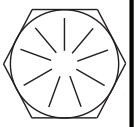
According to Federal Law (49 cfr part 571), each final-stage manufacturer shall complete the vehicle in such a manner that it conforms to the standards in effect on the date of manufacture of the incomplete vehicle, the date of final completion, or a date between those two dates. This requirement shall, 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:

		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

- 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.*

Installation Note

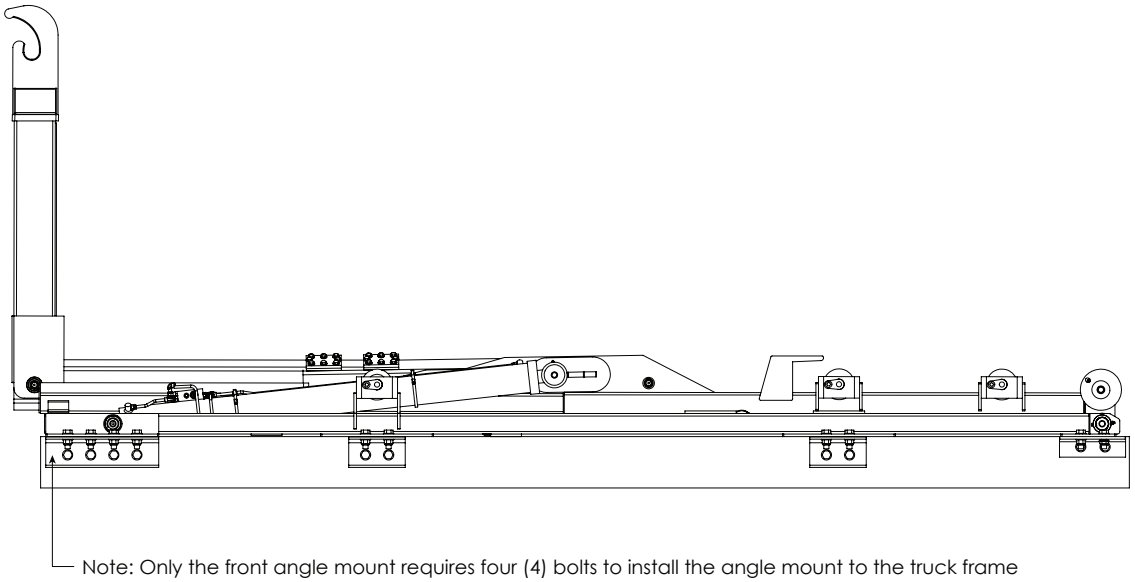
Every hooklift installation is unique. However, certain guidelines exist that apply to every model. Listed below is a general set of chronological steps that may be followed when installing a Stellar Hooklift. If any questions arise during the installation process, feel free to contact your local dealer 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: Drill mounting holes.



Note: Only the front angle mount requires four (4) bolts to install the angle mount to the truck frame and four (4) bolts to install the hooklift to the angle mount.

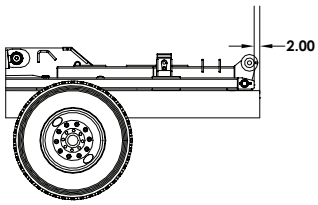
The rear three (3) angle mounts require two (2) bolts each to install the angle mount to the truck frame and two (2) bolts to install the hooklift to the angle mount.

- When positioning mounts to frame, tie-down castings are bolted to the underside of each tie down plate located on the outside of the main rails of the base. The tie-down plate closest to the front of the base requires one mount on each side of the pin. This is the only time two tie down castings are required per a single tie-down plate. The tie-down plates are designed with multiple slots to offer more flexibility in mounting locations. Additional holes may not be added to the tie-down plates.

- Using the tie-down castings as a guide, drill 11/16" holes through the truck frame as shown.

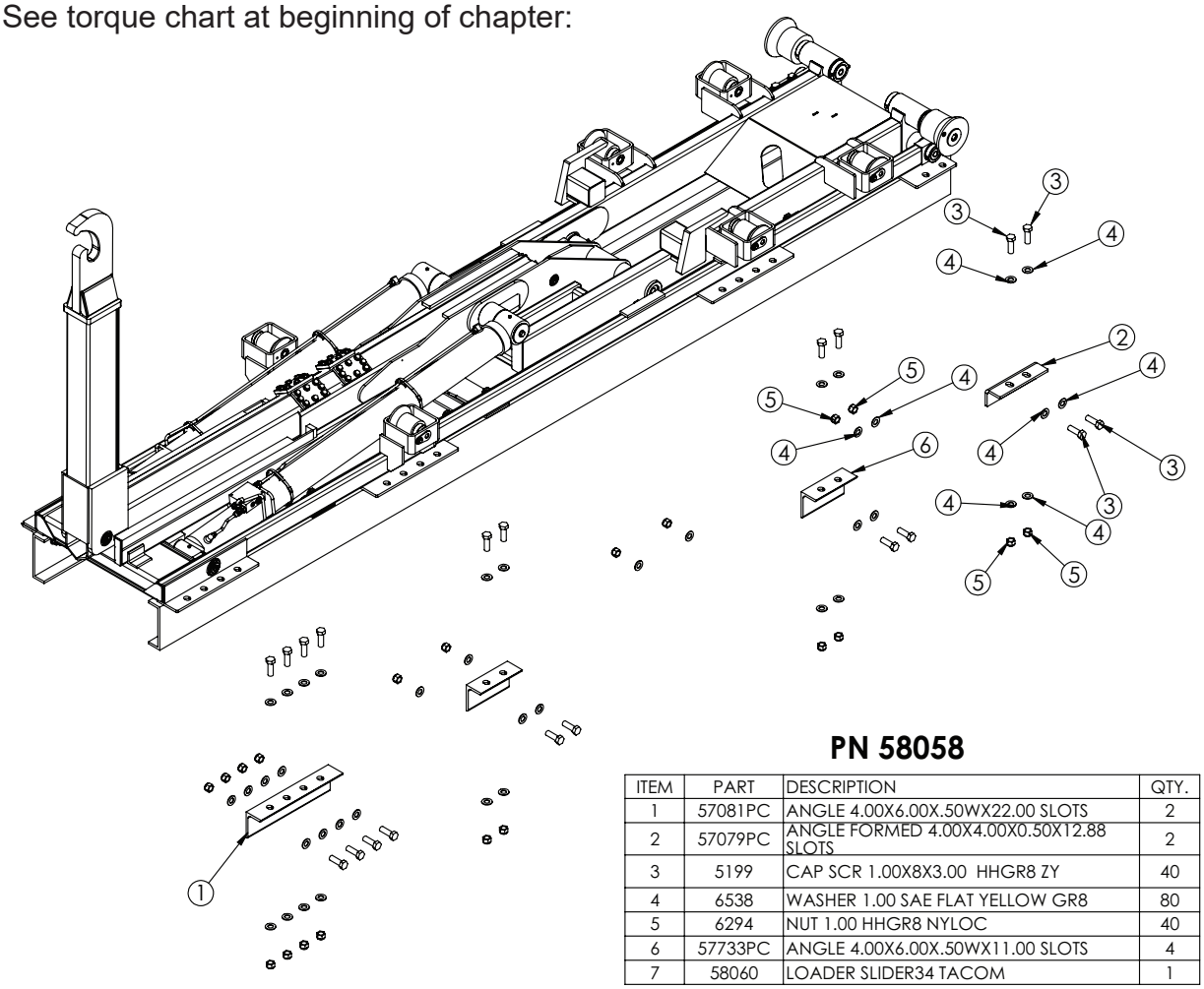
Step 3: Install bumper.

- 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 4: Install tie-downs.

Note: See torque chart at beginning of chapter:



PN 58058

ITEM	PART	DESCRIPTION	QTY.
1	57081PC	ANGLE 4.00X6.00X.50WX22.00 SLOTS	2
2	57079PC	ANGLE FORMED 4.00X4.00X0.50X12.88 SLOTS	2
3	5199	CAP SCR 1.00X8X3.00 HHGR8 ZY	40
4	6538	WASHER 1.00 SAE FLAT YELLOW GR8	80
5	6294	NUT 1.00 HHGR8 NYLOC	40
6	57733PC	ANGLE 4.00X6.00X.50WX11.00 SLOTS	4
7	58060	LOADER SLIDER34 TACOM	1

NOTE: MULTIPLE HOLES ARE PREDRILLED ON THE BASE MOUNTING FLATS. ADDITIONAL HOLES MAY NOT BE ADDED.

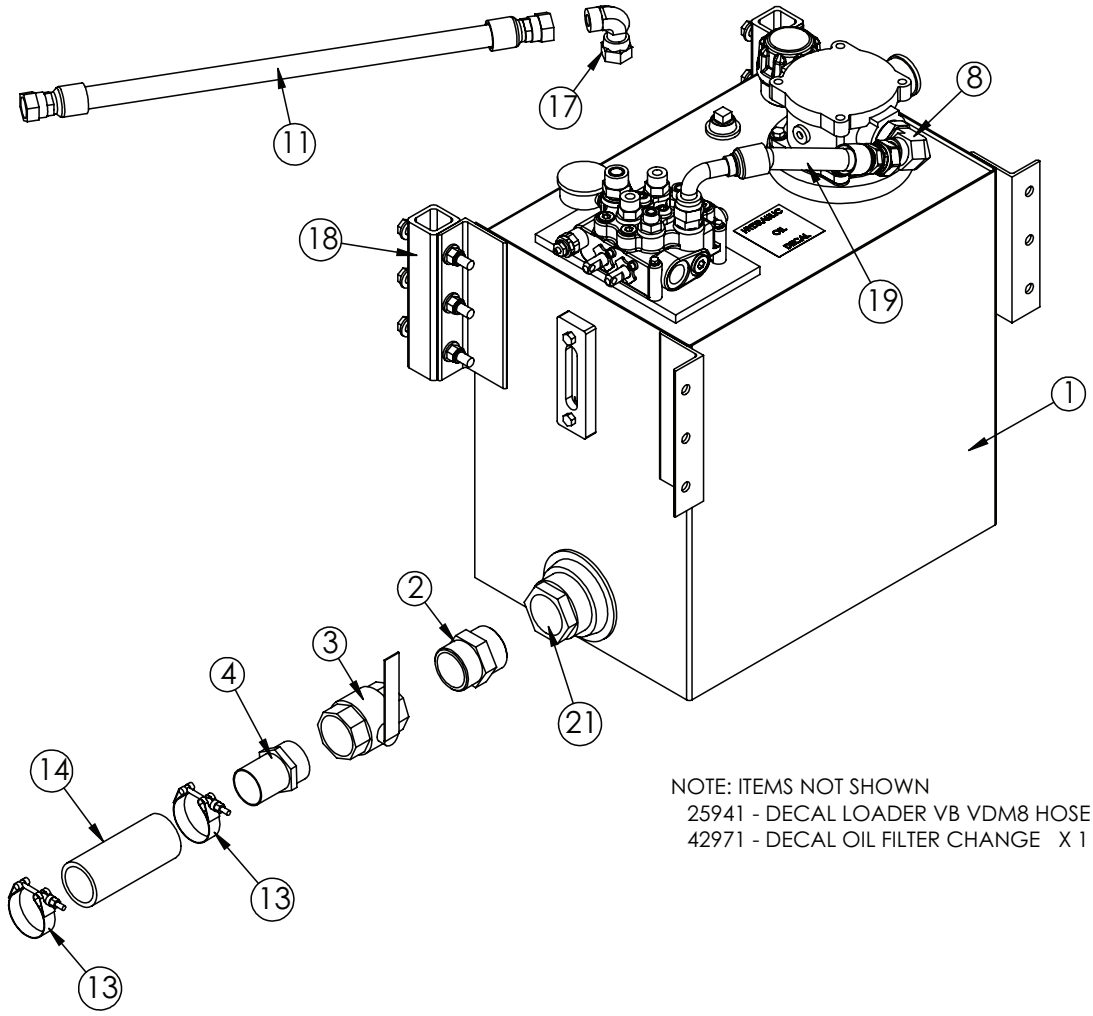
Step 5: Install tarper tower (If applicable).

See brand specific installation instructions.

Step 6: 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 86463

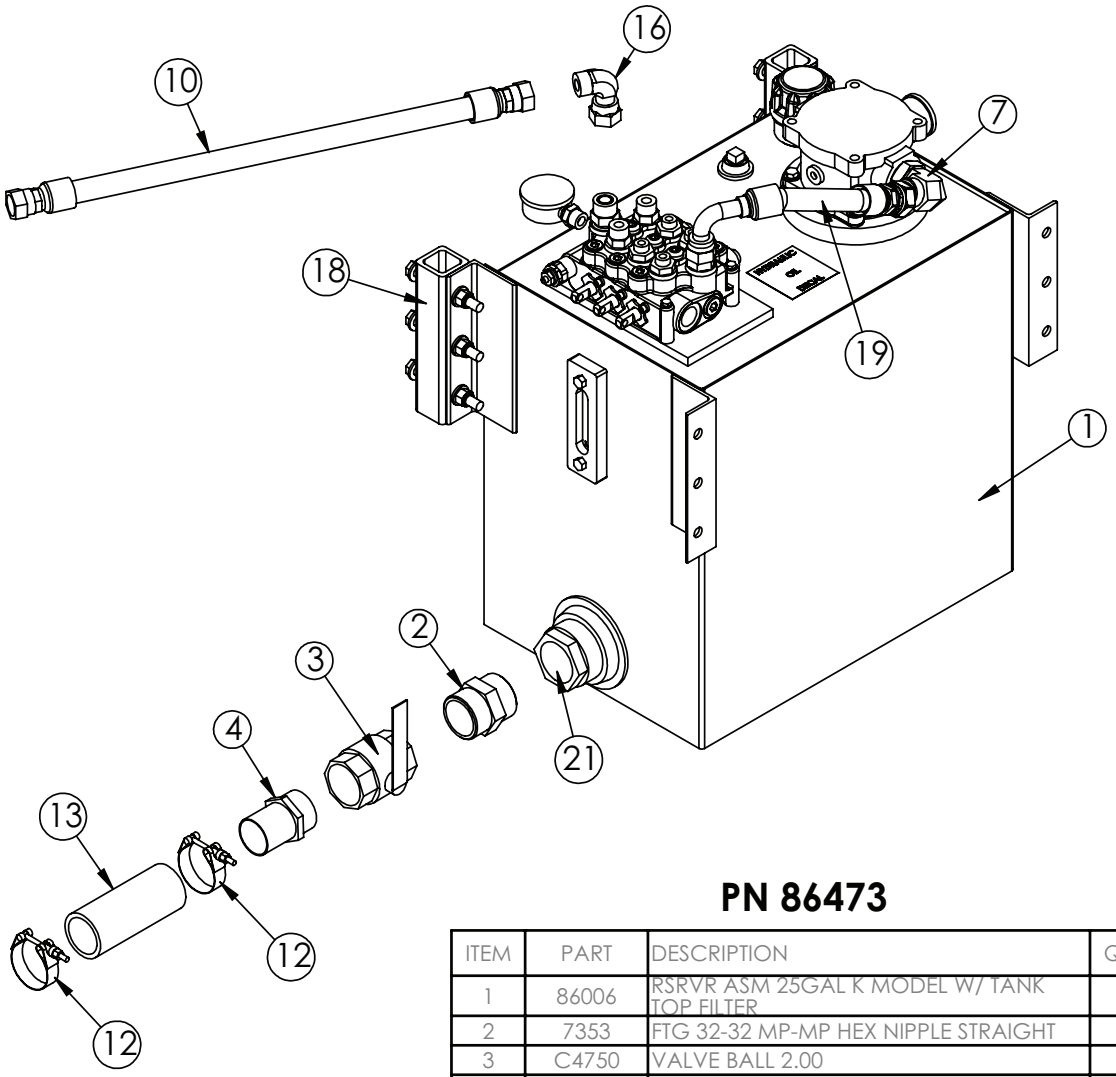


NOTE: ITEMS NOT SHOWN
25941 - DECAL LOADER VB VDM8 HOSE LOCATION X 1
42971 - DECAL OIL FILTER CHANGE X 1

PN 86463

ITEM	PART No.	DESCRIPTION	QTY.
01	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
02	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
03	C4750	VALVE BALL 2.00	1
04	C4730	FTG 32-32 MP-HB STRAIGHT	1
05	24611	VB 2-SECTION VDM8	1
06	0521	WASHER 0.25 LOCK	3
07	0339	CAP SCR 0.25-20X2.50 HHGR5	3
08	60395	FTG 16-20 MFS-MAORB 90	1
09	C2252	FTG 8-10 MFS-MORB STRAIGHT	2
10	16152	FTG 10-10 MFS-MORB STRAIGHT	2
11	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
12	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
13	C4819	HOSE CLAMP 2.00	2
14	17766	HOSE SUCT 2.00 10FT	1
15	25630	FTG 10-4 MORB-FP STRAIGHT	1
16	D1435	FTG 12-10 MFS-MORB STRAIGHT	1
17	C4903	FTG 12-12 MFS-FFSS 90	1
18	83959	MNT KIT RSRVR 25G	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

Reservoir Assembly (3 Section Cable Controls) - PN 86473

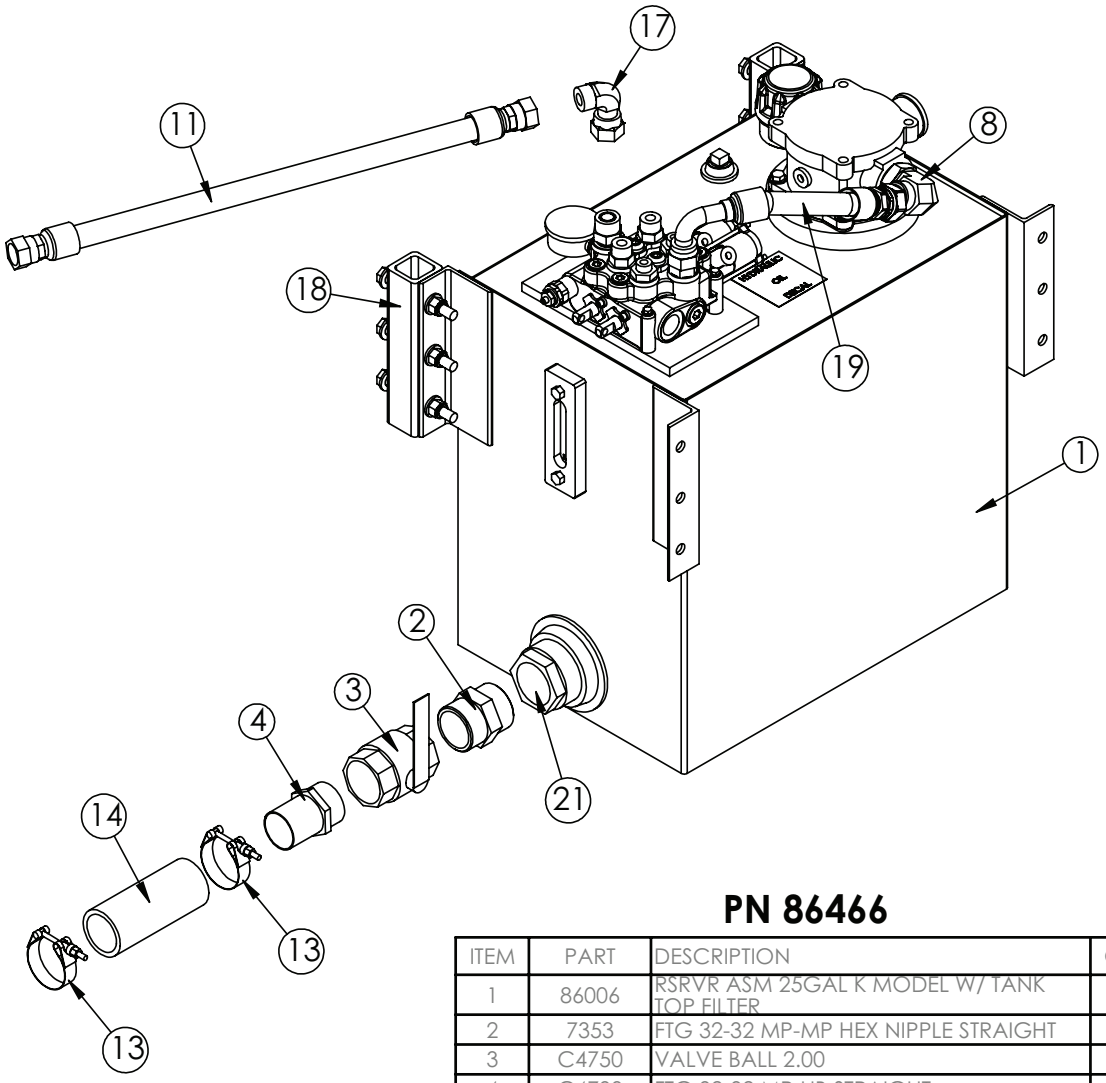


PN 86473

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	60395	FTG 16-20 MFS-MAORB 90	1
8	C1855	FTG 6-10 MFS-MORB STRAIGHT	4
9	16152	FTG 10-10 MFS-MORB STRAIGHT	2
10	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
11	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
12	C4819	HOSE CLAMP 2.00	2
13	17766	HOSE SUCT 2.00 10FT	1
14	25630	FTG 10-4 MORB-FP STRAIGHT	1
15	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
16	c4903	FTG 12-12 MFS-FFSS 90	1
17	0339	CAP SCR 0.25-20X2.50 HHGR5	3
18	83959	MNT KIT RSRVR 25G	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 LOCATION X 1
42971 - DECAL OIL FILTER CHANGE X 1
26182 - PORT RELIEF VDM8 2500 PSI X 2

Reservoir Assembly (2 Section Air Controls) - PN 86466

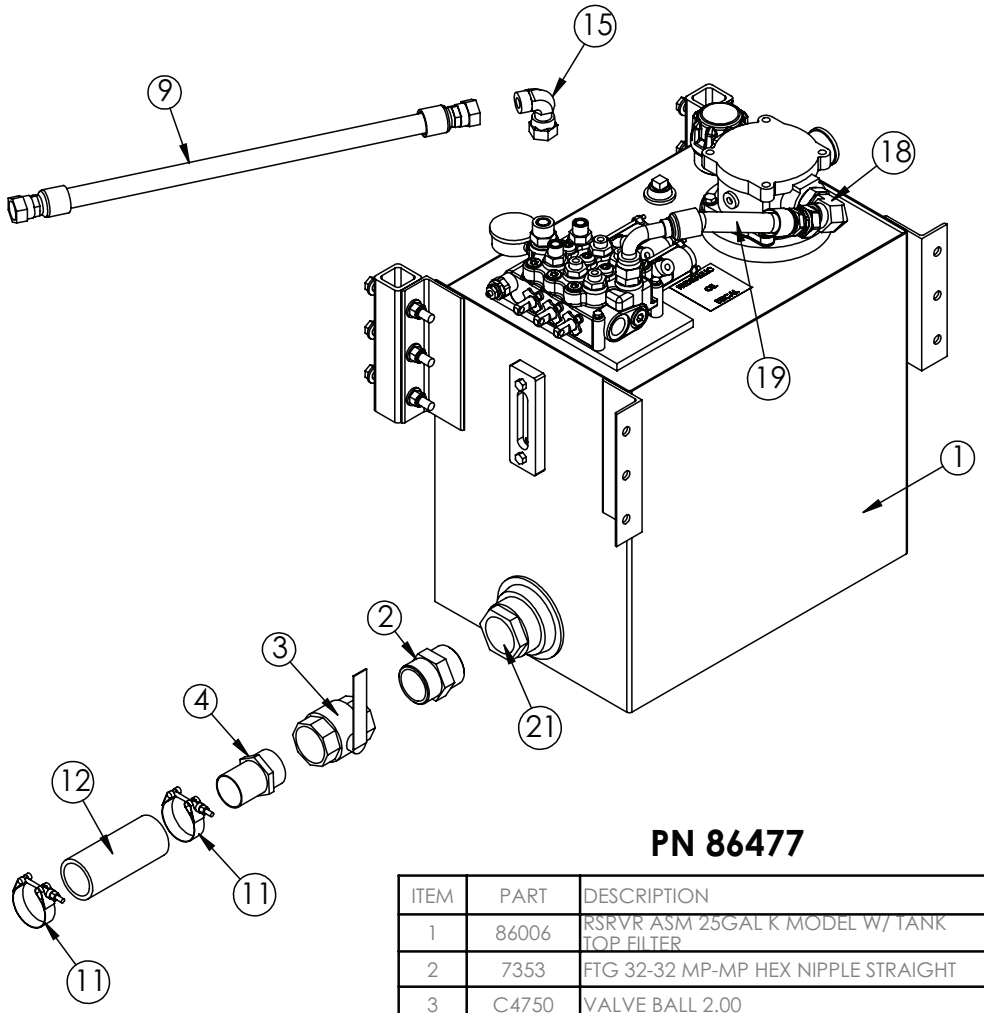


PN 86466

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	C1855	FTG 6-10 MFS-MORB STRAIGHT	2
10	16152	FTG 10-10 MFS-MORB STRAIGHT	2
11	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120)	1
12	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
13	C4819	HOSE CLAMP 2.00	2
14	17766	HOSE SUCT 2.00 10FT	1
15	25630	FTG 10-4 MORB-FP STRAIGHT	1
16	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
17	c4903	FTG 12-12 MFS-FFSS 90	1
18	83959	MNT KIT RSRVR 25G	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 LOCATION X 1
42971 - DECAL OIL FILTER CHANGE X 1

Reservoir Assembly (3 Section Air Controls) - PN 86477

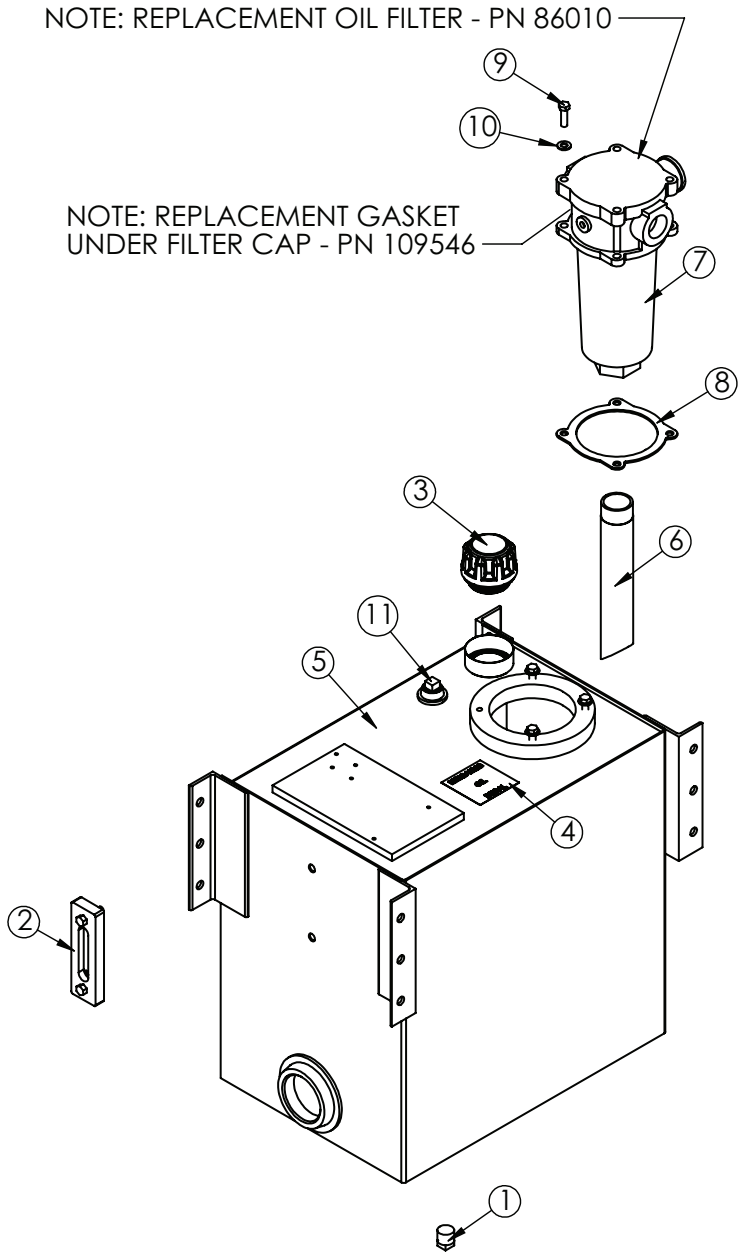


PN 86477

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	C1855	FTG 6-10 MFS-MORB STRAIGHT	4
8	16152	FTG 10-10 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	0339	CAP SCR 0.25-20X2.50 HHGR5	3
17	83959	MNT KIT RSRVR 25G	1
18	60395	FTG 16-20 MFS-MAORB 90	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 LOCATION X 1
42971 - DECAL OIL FILTER CHANGE X 1
26182 - PORT RELIEF VDM8 2500 PSI X 2

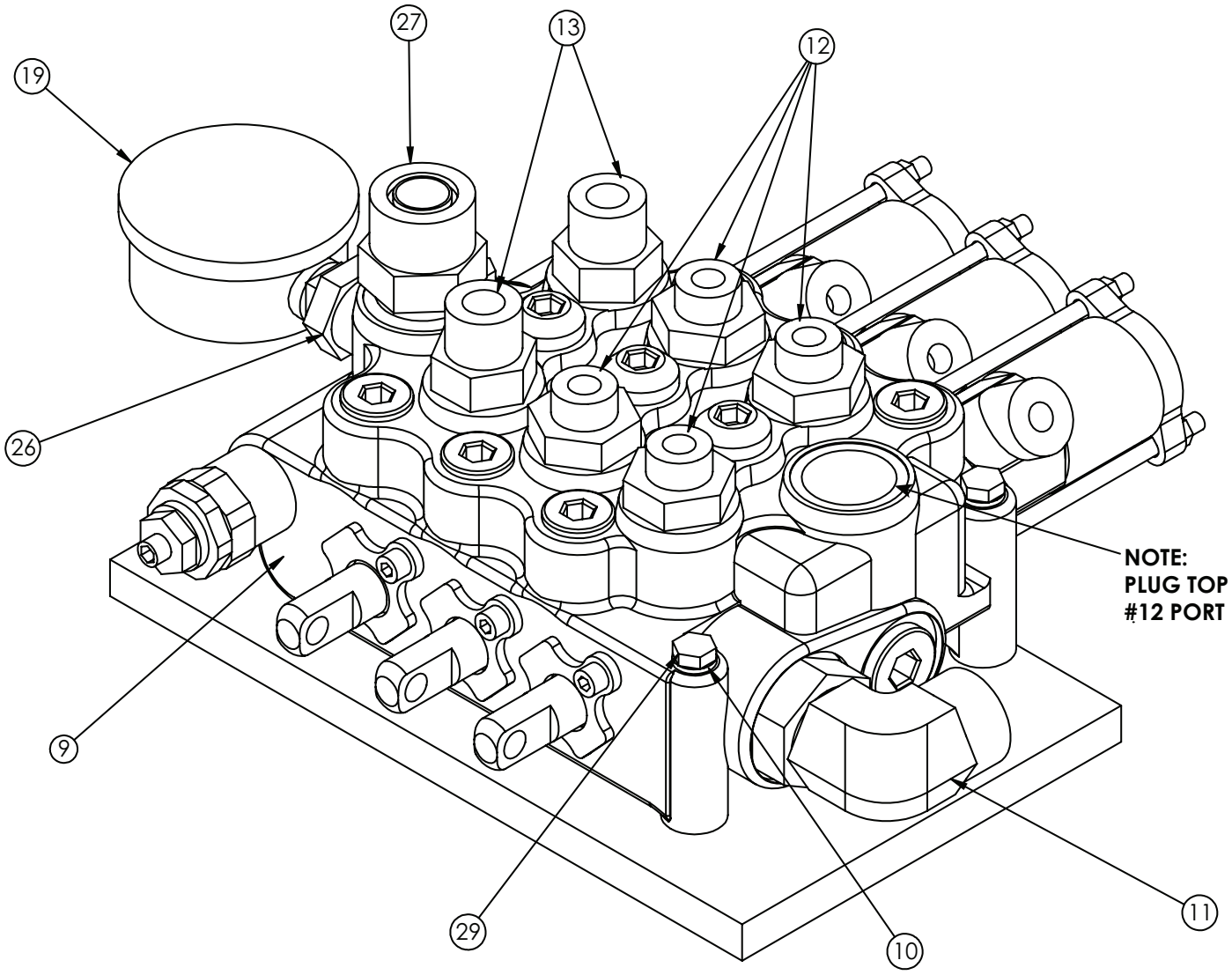
Reservoir Subassembly - PN 86006



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 6: Install hydraulic reservoir and valve bank continued...

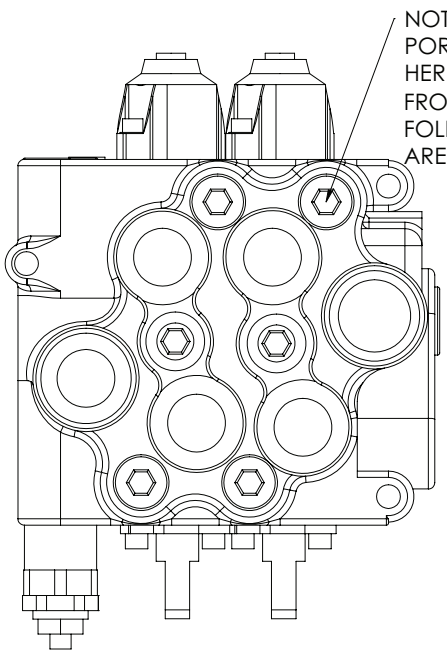


ITEM	PART	DESCRIPTION	QTY
9	47562	VB 3-SECTION VDM8 W/AIR ACTUATORS	1
10	0521	WASHER 0.25 LOCK	3
11	C5968	FTG ADAPT 90 12-C5OLO-S	1
12	C1855	FTG ADAPT 6-10 F5OLO-S	4
13	16152	FTG ADAPT 10-F5OLO-S	2
19	10094	GAUGE OIL LF 2.5" 0-500 BM	1
26	25630	FTG ADAPT 10-1/4 F5OG	1
27	d1435	FTG ADAPT O'RING 12-10	1
29	0339	CAP SCR 0.25-20X2.50 HHGR5	3

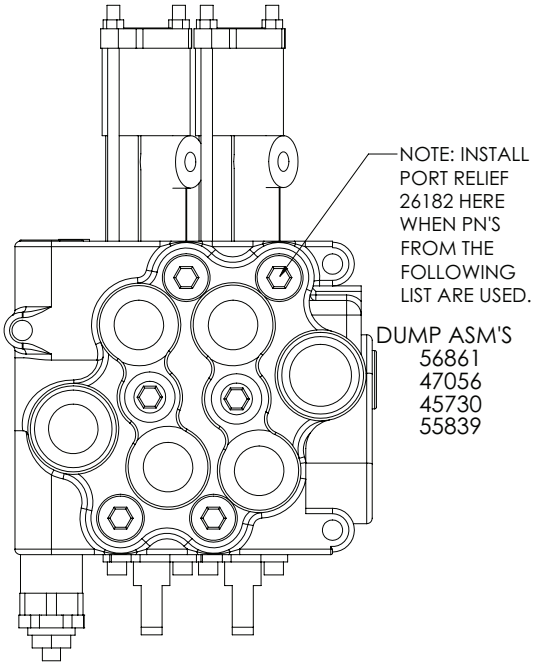
Step 6: Install hydraulic reservoir and valve bank continued...

2 Section Valve Bank

Cable Controls

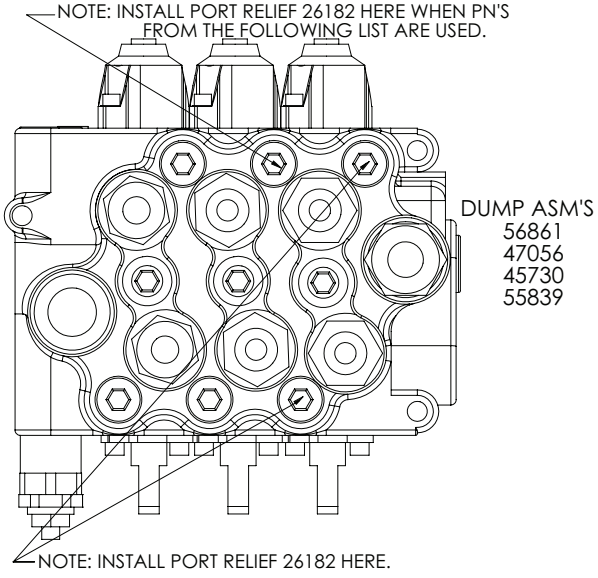


Air Controls

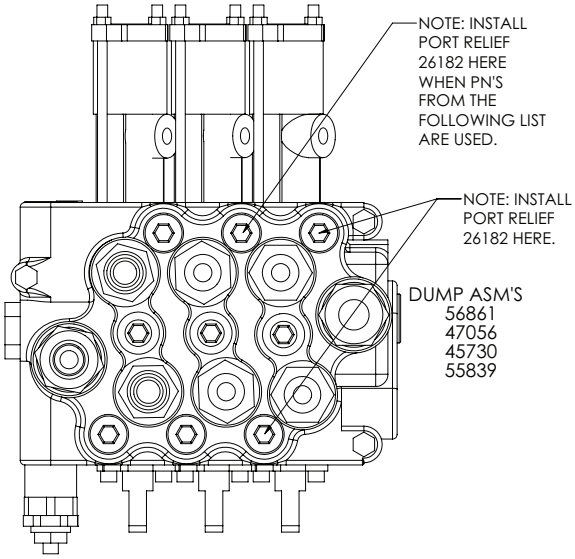


3 Section Valve Bank

Cable Controls



Air Controls

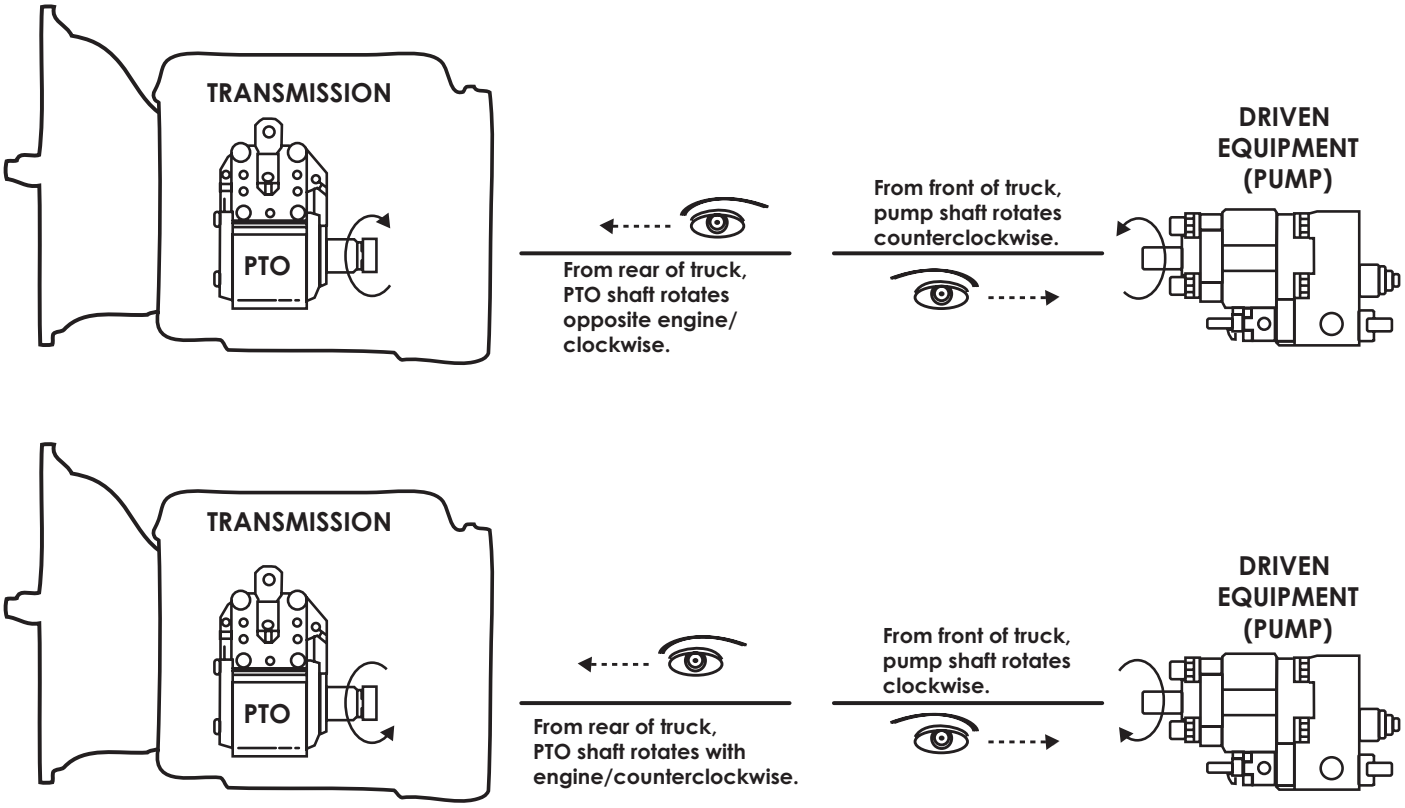


Step 7: Install PTO and pump.

• 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 8: Route hydraulic hoses.

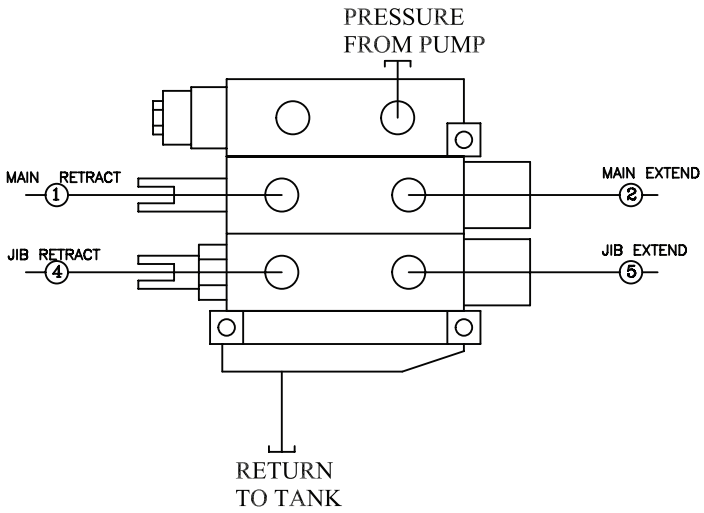
1. Route hose line from the reservoir to the pump (See hose kit drawing for details).
2. Route hose line from the pump to the valve bank (See hose kit drawing for details).
3. Route hose line from the valve bank to the reservoir (See hose kit drawing for details).
4. Route hose line from the valve bank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

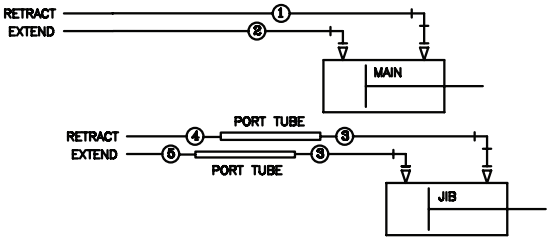
Note: If using the Power Beyond feature for additional function, see "Power Beyond VDM8 Valve" later in this chapter for further details.

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 58089 (Fixed Hook Height Models)

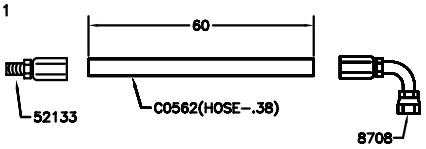




PN 58089

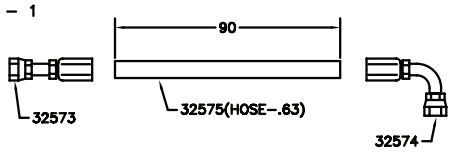
ITEM	PART No.	DESCRIPTION	QTY
05	55352	HOSE 0.38(471TC-JO-J9-6-6-6-60)	1
04	55361	HOSE 0.38(471TC-JO-J1-6-6-6-60)	1
03	58088	HOSE 0.38(471TC-JO-J9-6-6-6-144)	2
02	32684	HOSE 0.63(381-JC-J9-10-10-10-90)	1
01	41996	HOSE 0.63(381-JC-J1-10-10-10-90)	1

STELLAR #55361- 0.38(471TC-JO-J1-6-6-6-60")
QTY - 1



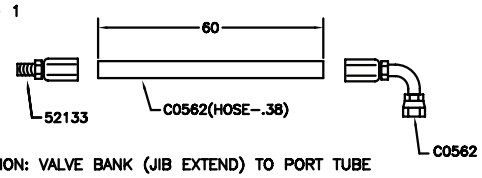
FUNCTION: VALVE BANK (JIB RETRACT) TO PORT TUBE

STELLAR #41996- 0.63(381-JC-J1-10-10-10-90")
QTY - 1



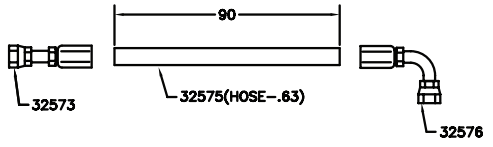
FUNCTION: VALVE BANK (MAIN RETRACT) TO MAIN CYLINDER

STELLAR #55352 - 0.38(471TC-JO-J9-6-6-6-60")
QTY - 1



FUNCTION: VALVE BANK (JIB EXTEND) TO PORT TUBE

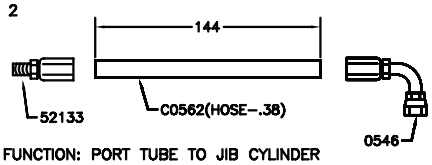
STELLAR #32684- 0.63(381-JC-J9-10-10-10-90")
QTY - 1



FUNCTION: VALVE BANK (MAIN EXTEND) TO MAIN CYLINDER

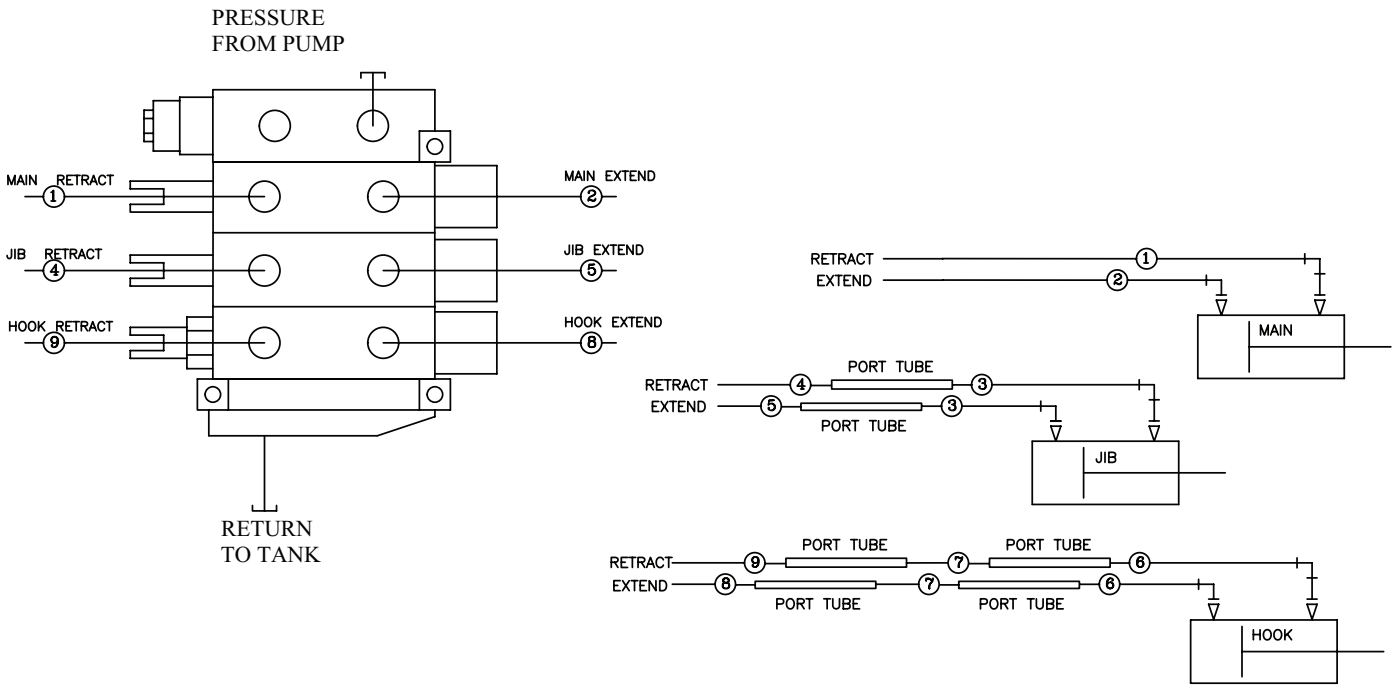
Note: System Pressure is 4500 PSI

STELLAR #58088- 0.38(471TC-JO-J9-6-6-6-144")
QTY - 2



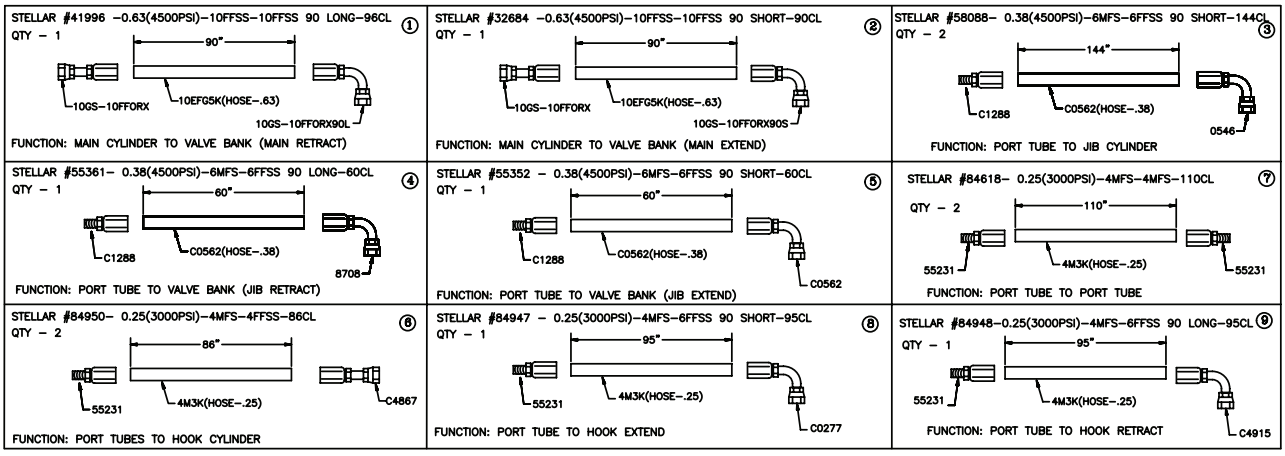
FUNCTION: PORT TUBE TO JIB CYLINDER

Hose Kit - PN 84955 (Adjustable Hook Height Models)



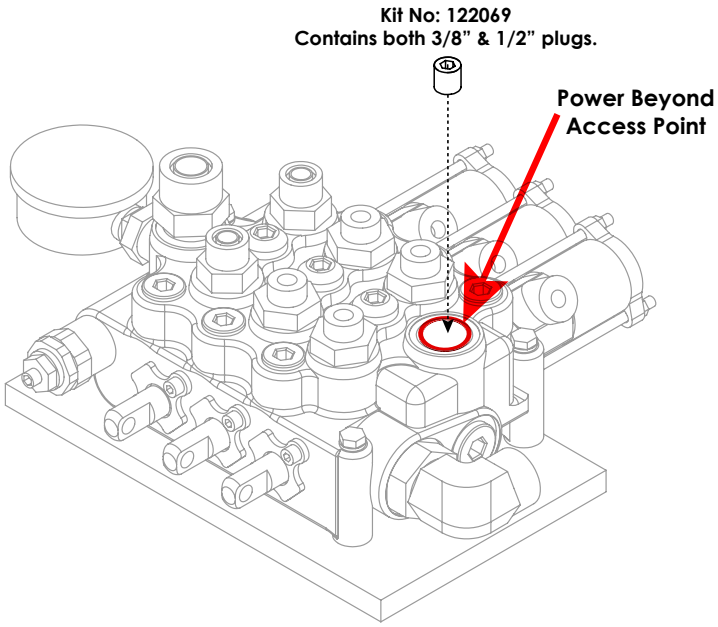
ITEM	PART No.	DESCRIPTION	QTY
09	84948	HOSE 0.25(3000PSI)-4MFS-6FFSS 90 LONG-95CL	1
08	84947	HOSE 0.25(3000PSI)-4MFS-6FFSS 90 SHORT-95CL	1
07	84618	HOSE 0.25(3000PSI)-4MFS-4MFS-110CL	2
06	84950	HOSE 0.25(3000PSI)-4MFS-4FFSS-86CL	2
05	55352	HOSE 0.38(4500PSI)-6MFS-6FFSS 90 SHORT-60CL	1
04	55361	HOSE 0.38(4500PSI)-6MFS-6FFSS 90 LONG-60CL	1
03	58088	HOSE 0.38(4500PSI)-6MFS-6FFSS 90 SHORT-144CL	2
02	32684	HOSE 0.63(4500PSI)-10FFSS-10FFSS 90 SHORT-90CL	1
01	41996	HOSE 0.63(4500PSI)-10FFSS-10FFSS 90 LONG-96CL	1

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



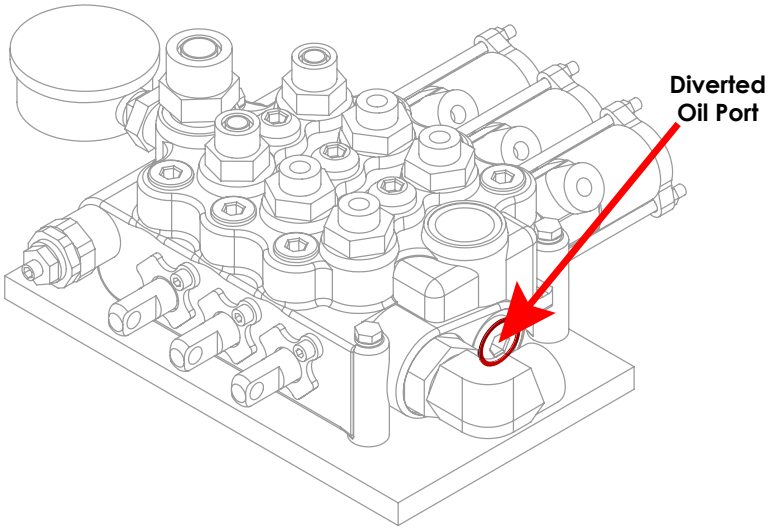
Power Beyond VDM8 Valve

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.)

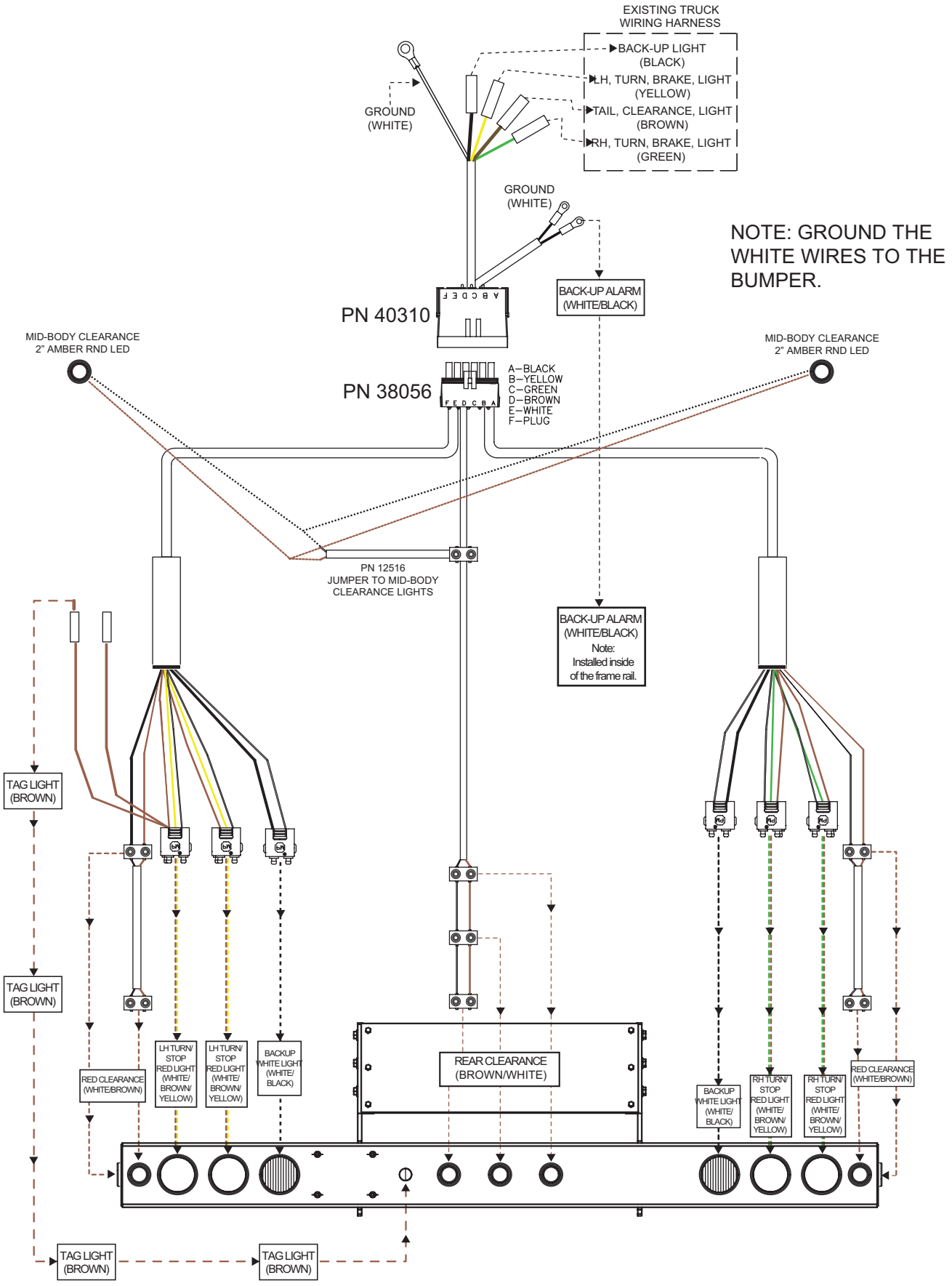


3. The Power Beyond feature is now activated and will divert oil to alternate system via the port shown.

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.**

Step 9: Route Electrical Components

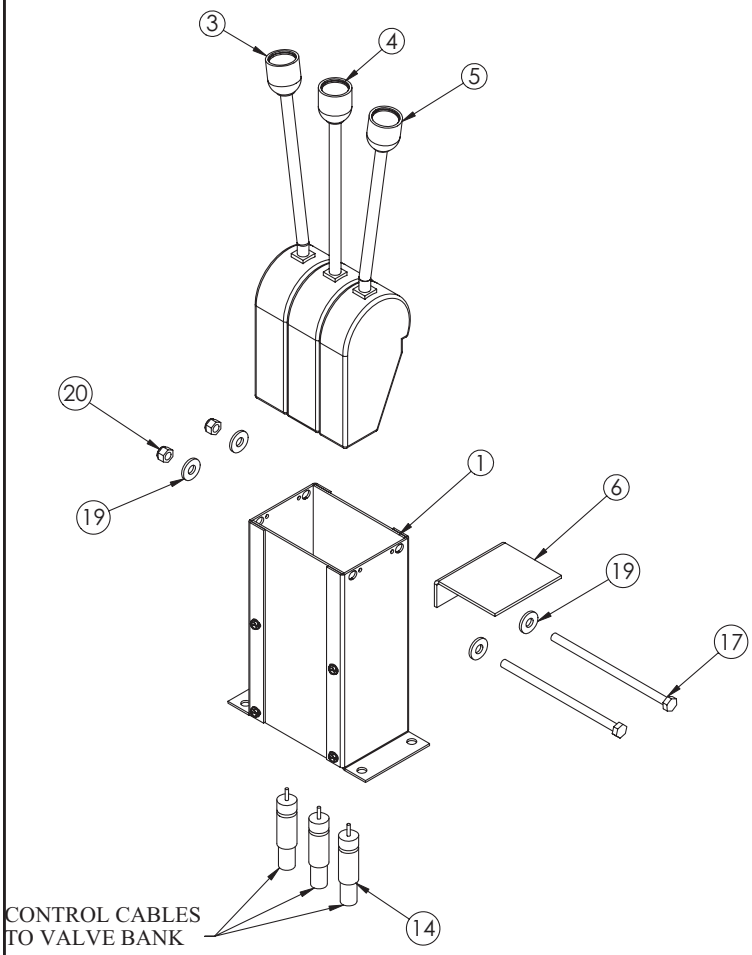


Step 10: Install cab and PTO controls.

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

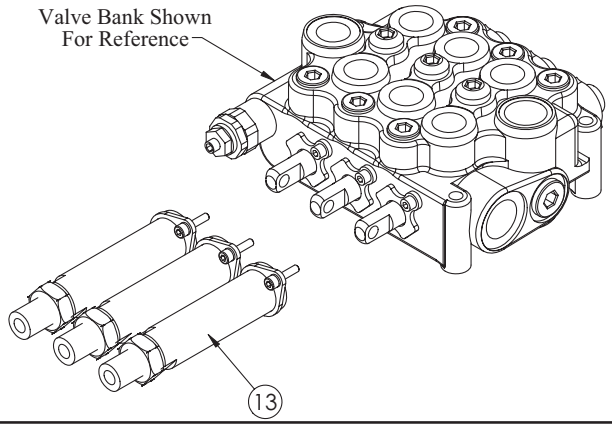
Cable Controls

In Cab Installation



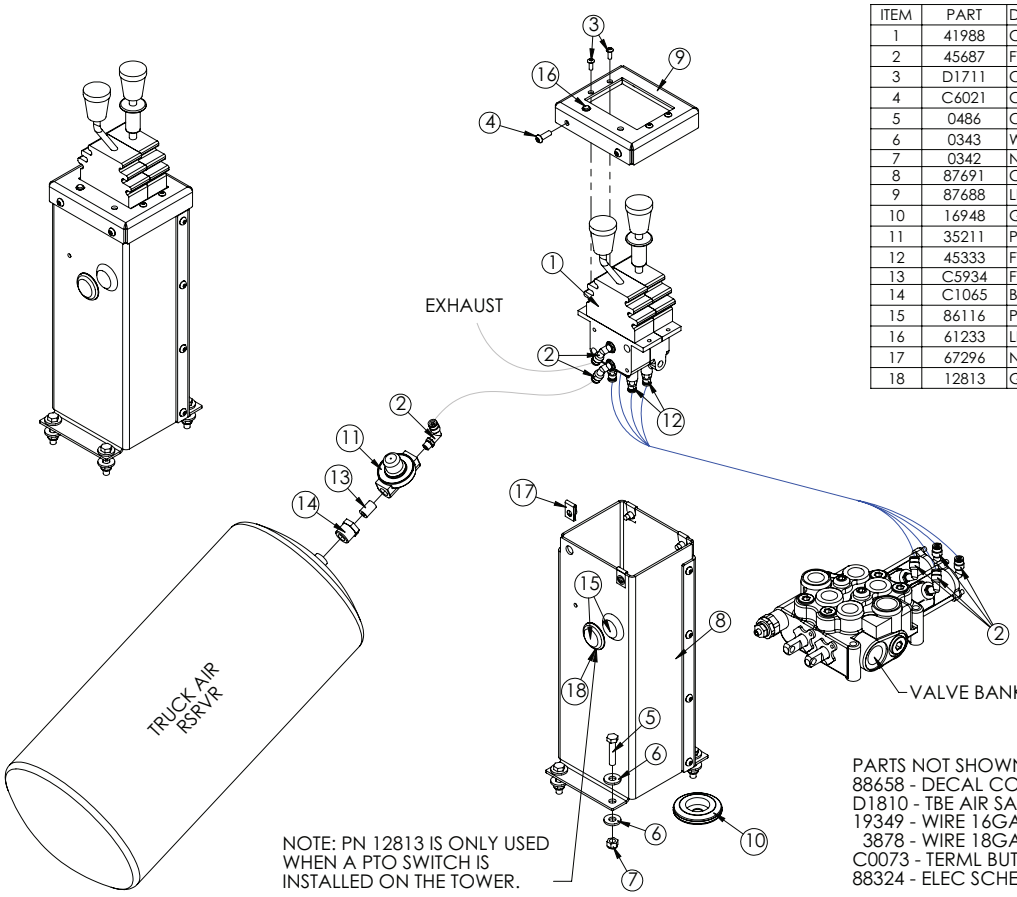
	2 SECTION	3 SECTION
96 INCH	PN 55534	PN 54746
144 INCH	PN 55540	PN 54747
192 INCH	PN 55541	PN 54748

At Valve Installation



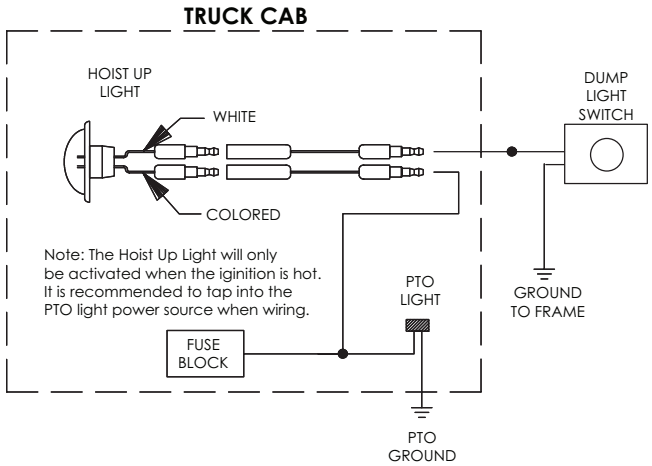
ITEM	PART	DESCRIPTION	QTY.
1	38351	VALVE CTRL CONSOLE 3LEVER RVC (3 Section Only)	1
1	37470	VALVE CTRL CONSOLE 2LEVER RVC (2 Section Only)	1
3	37475	CONTROLLER CTR LOCK LEFT BEND	1
4	37476	CONTROLLER CTR LOCK NO BEND (3 Section Only)	1
5	37474	CONTROLLER CTR LOCK RIGHT BEND	1
6	25933	BRKT CONTROLLER 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 2-Section - PN 75868



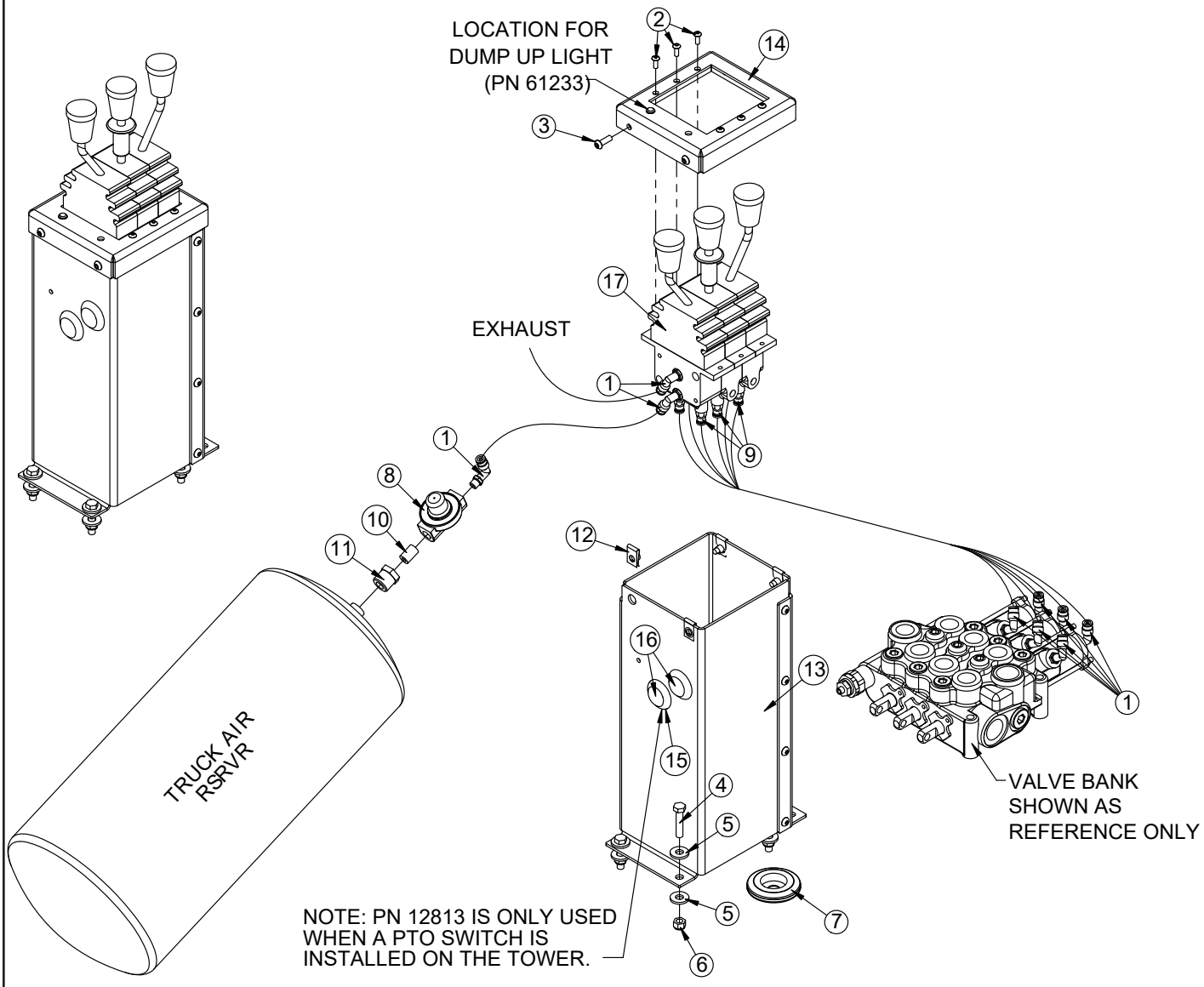
ITEM	PART	DESCRIPTION	QTY.
1	41988	CTRL 2 BANK 4WAY AIR CNTR LOCK	1
2	45687	FTG 4-2 MP-PTC 90 BRASS 1169X4S	7
3	D1711	CAP SCR #10-24X0.50 BTNHD SS	4
4	C6021	CAP SCR 0.25-20X0.75 BTNHD SS	4
5	0486	CAP SCR 0.31-18X1.50 HHGR5	4
6	0343	WASHER 0.31 USS FLAT	8
7	0342	NUT 0.31-18 HHGR5 NYLOC	4
8	87691	CONTROL 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



This page left intentionally blank.

Air Controls 3-Section - PN 88647



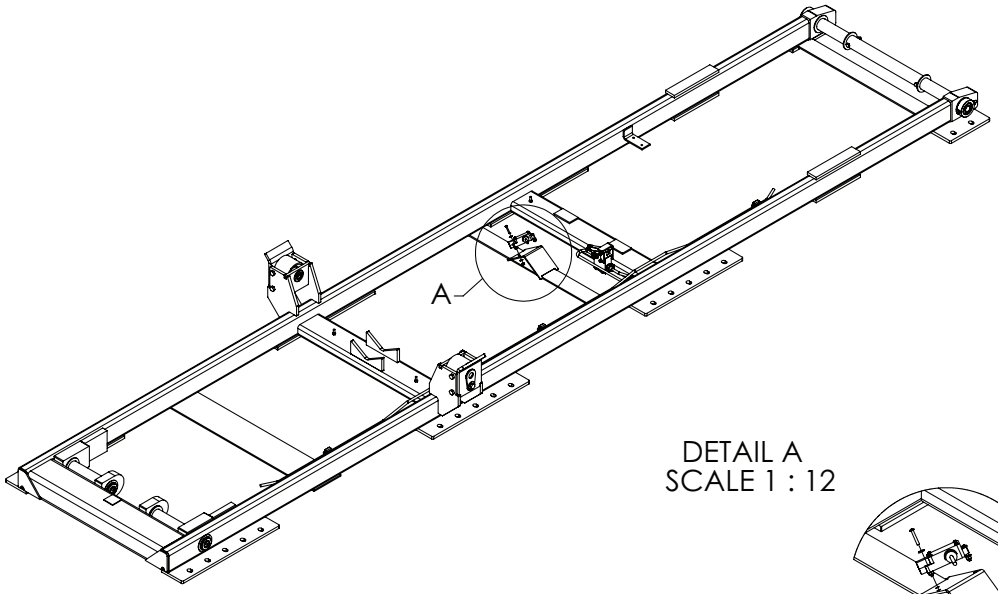
Air Controls 3-Section - PN 88647 Parts List

PN 88647			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	45687	FTG 4-2 MP-PTC 90 BRASS 1169X4S	9
2	D1711	CAP SCR #10-24X0.50 BTNHD SS	6
3	C6021	CAP SCR 0.25-20X0.75 BTNHD SS	4
4	0486	CAP SCR 0.31-18X1.50 HHGR5	4
5	0343	WASHER 0.31 USS FLAT	8
6	0342	NUT 0.31-18 HHGR5 NYLOC	4
7	16948	GROMMET 2.50ODX1.56GDX0.13X0.56ID	1
8	35211	PTO AIR REGULATOR 378414	1
9	45333	FTG 4-2 PC DOT-MP STRAIGHT	6
10	C5934	FTG 4-4XCLOSE MP-MP NIPPLE STRAIGHT BLK	1
11	C1065	BUSHING 0.50X0.25 BLK	1
12	67296	NUT CLIP ON .25X.025-.15X.53	4
13	88654	CONTROL TOWER SUB-ASM 3-SECT HOOKLIFT	1
14	88653	LID CONTROL TOWER 3-SECT HOOKLIFT	1
15	12813	GROMMET 1.50ODX1.25GDX0.13X0.63ID	1
16	86116	PLUG PLASTIC 1.13 HOLE BLK	2
17	41989	CTRL 3 BANK 4-WAY PNEUMATIC	1
REV. A R883			

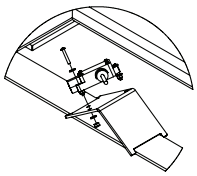
ITEMS NOT SHOWN		
PART	**DESCRIPTION**	**QTY**
88659	DECAL CONTROL TOWER LID SLIDER 3SEC	1
D1810	TBE AIR SAEJ844 TYPE A .25 (RM)	95 FT

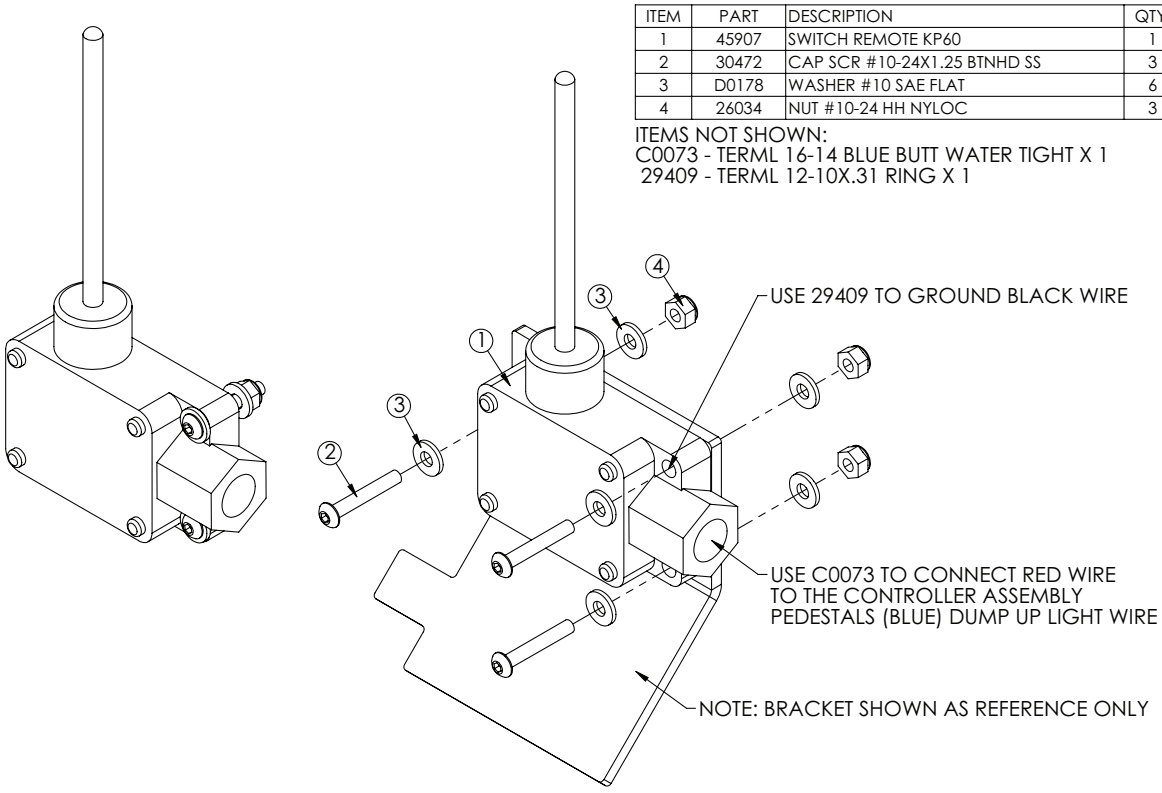
Step 11: Install Hoist Up Light Sensor - PN 83115

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



DETAIL A
SCALE 1 : 12



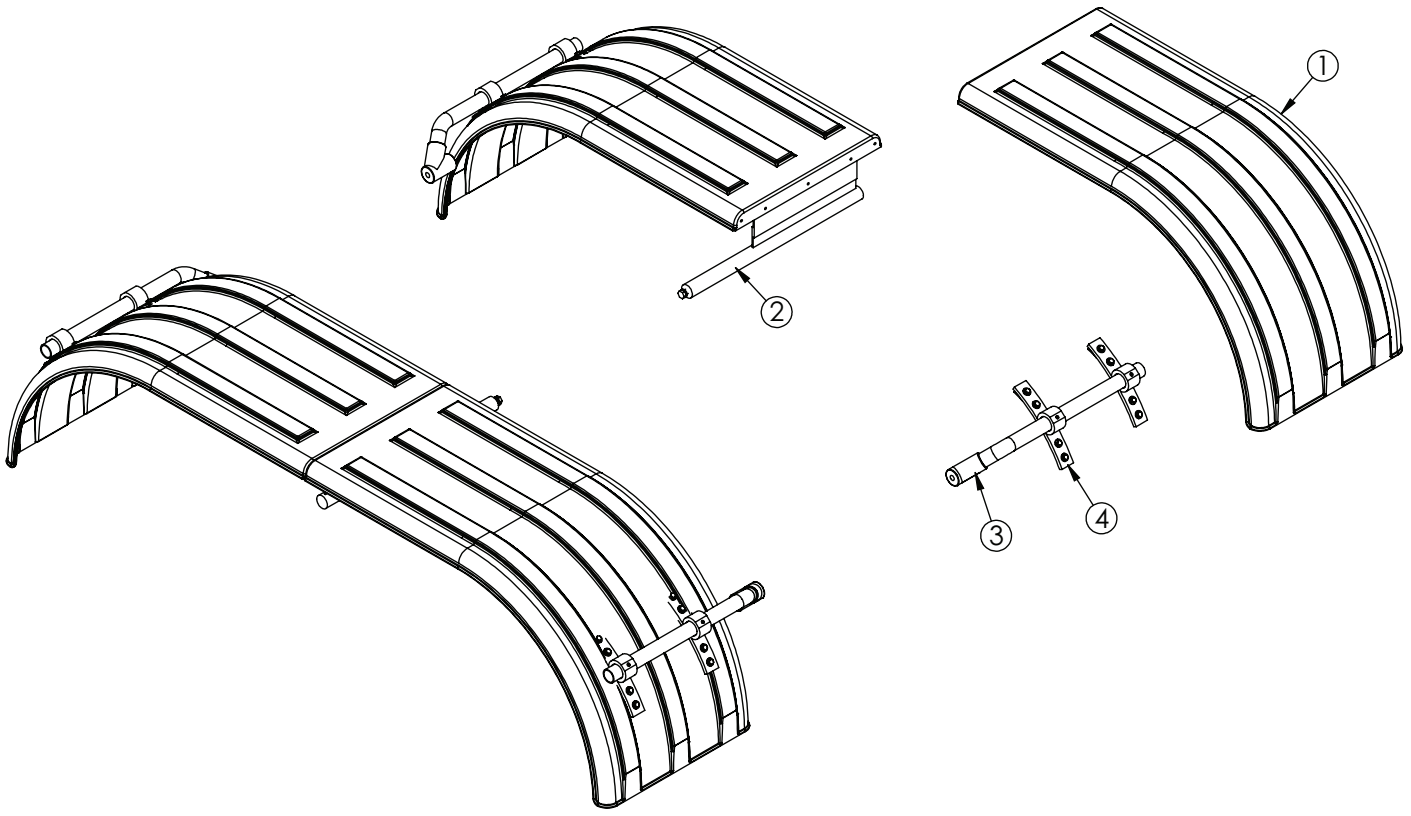


ITEM	PART	DESCRIPTION	QTY.
1	45907	SWITCH REMOTE KP60	1
2	30472	CAP SCR #10-24X1.25 BTNHD SS	3
3	D0178	WASHER #10 SAE FLAT	6
4	26034	NUT #10-24 HH NYLOC	3

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

Step 12: Install mud flaps and fenders.

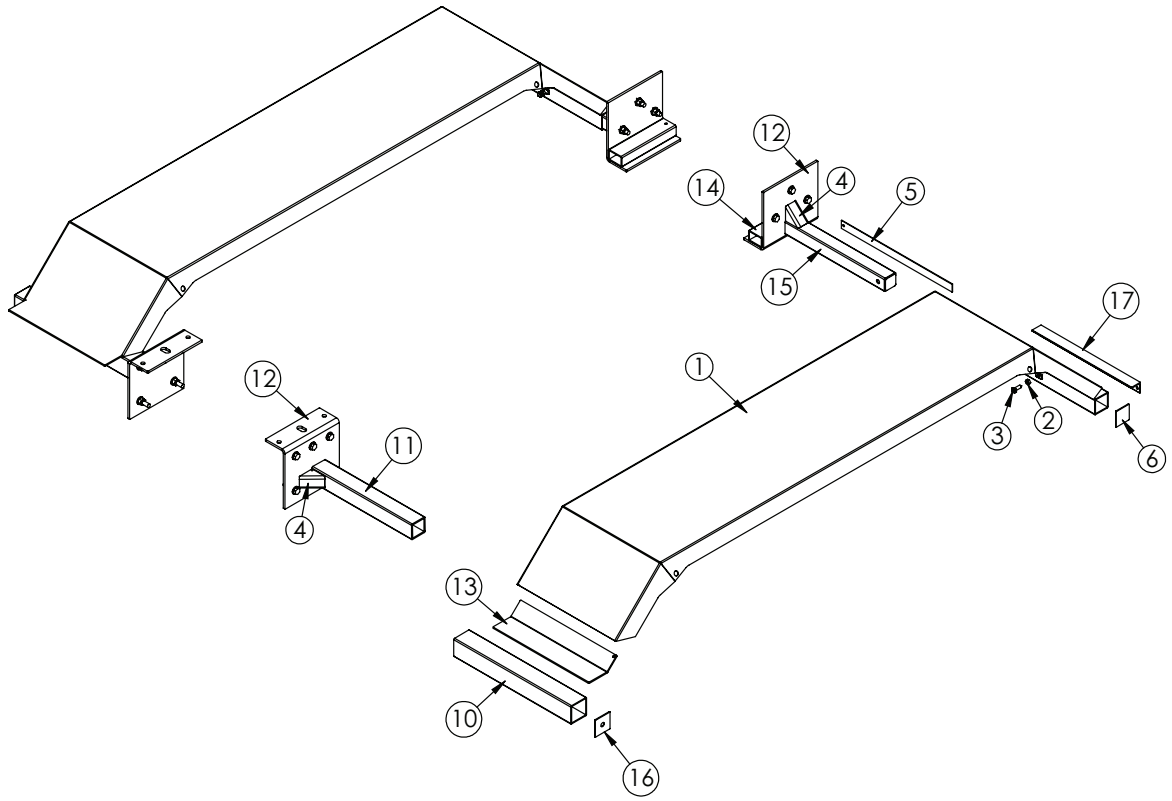
Poly Tandem Fender Assembly - PN 58217



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

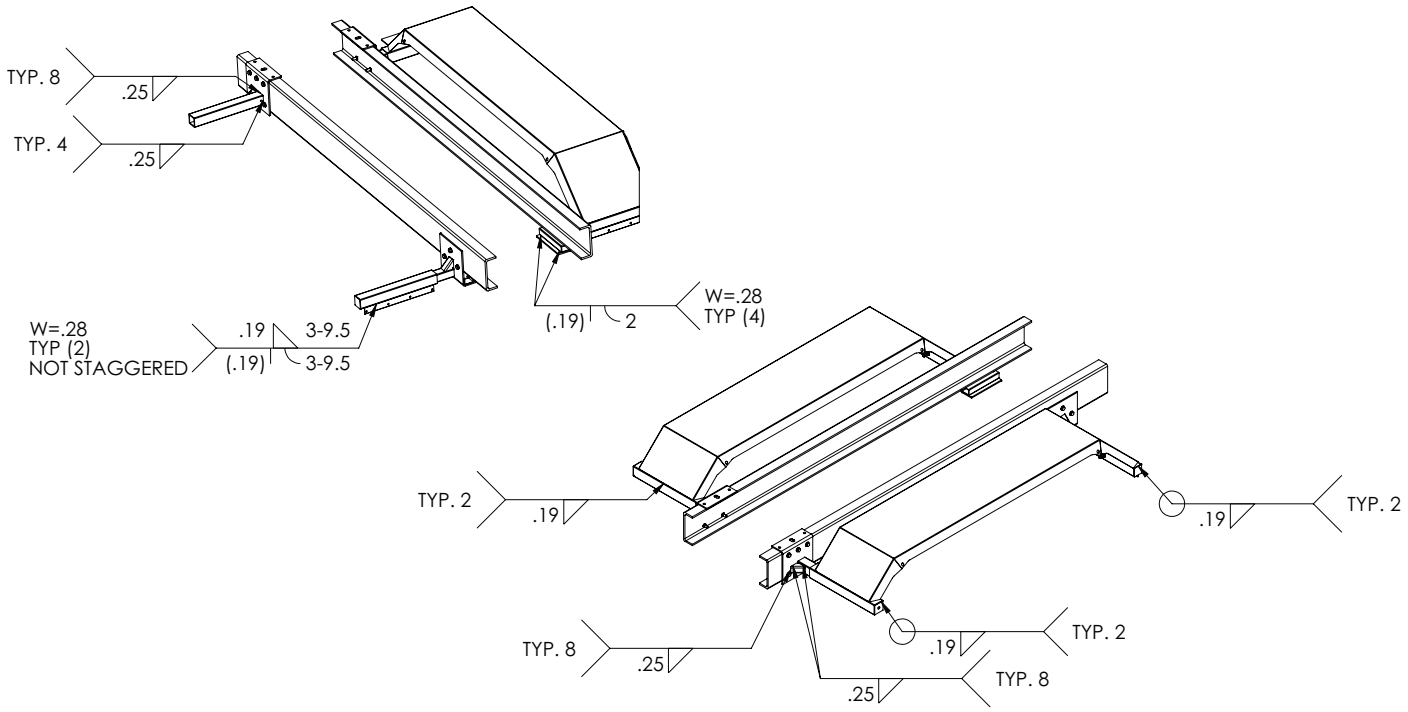
Steel Tandem Fender Assembly - PN 100617



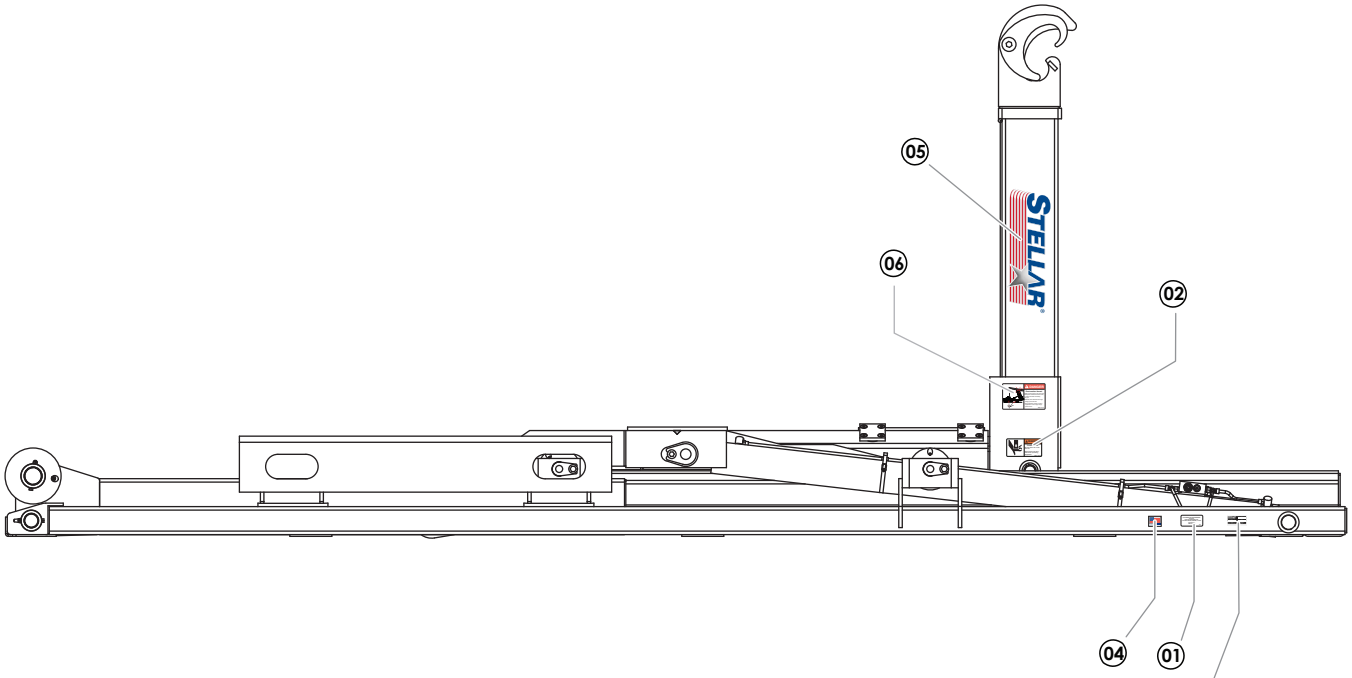
PN 100617

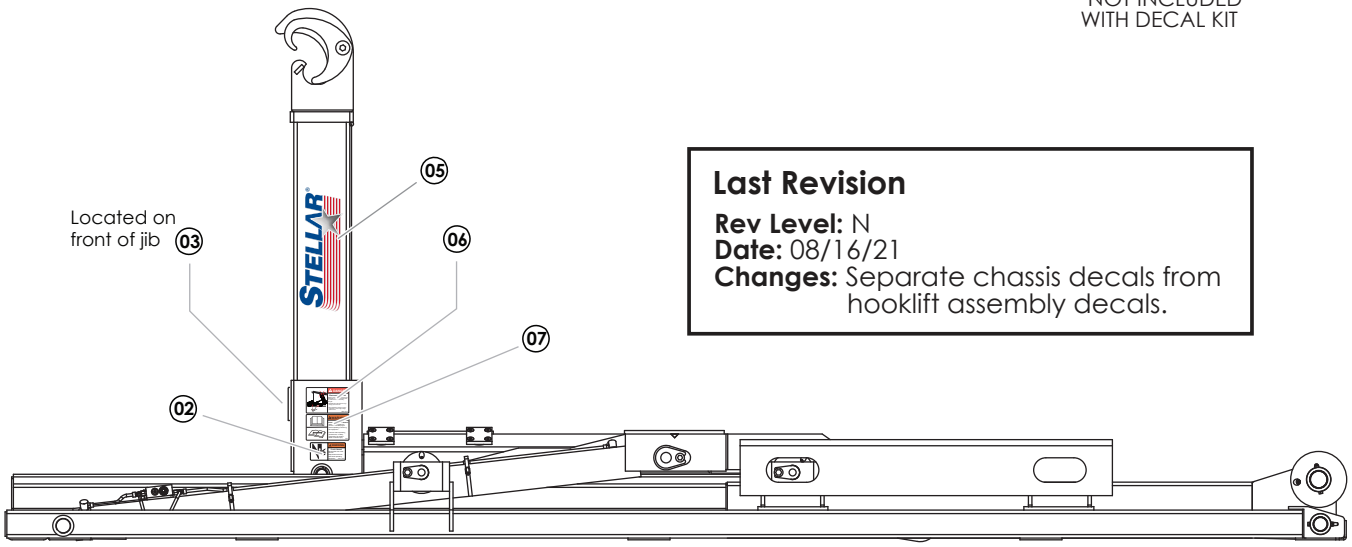
ITEM	PART No.	DESCRIPTION	QTY.
1	46121	FENDER WLDMT STEEL TANDEM KP60	2
2	0537	NUT 0.50-13 HH	4
3	46590	CAP SCR 0.50X1.50 SQ HD CP SS	4
4	47209	BRKT FENDER KP60	4
5	47210	FLAT 0.13X1.50X24.50 HR W/HOLE	2
6	47211	CAP .10X3.00X2.88 FENDER SI60	2
7	C1026	CAP SCR 0.63-11X2.50 HHGR8	16
8	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	32
9	24868	NUT 0.63-11 HHGR8 NYLOC	16

ITEM	PART No.	DESCRIPTION	QTY.
10	46119	WLDMT TUBE FRONT FENDER PC BLACK	2
11	46117	TUBE FRONT FENDER SUPPORT PC BLACK	2
12	46906	BRKT GANTRY MNT PC BLACK	4
13	97704	BRKT FENDER MNT FRONT SI60/75 TANDEM STEEL	2
14	100828	TUBE 3.00X2.00X0.19WX12.00 W/HOLE	2
15	101886	WLDMT TUBE 2.50X2.50X0.19WX22.00	2
16	101888	CAP .10X3.25X3.25 FENDER SI60	2
17	45688	MOUNT MUD FLAP KP60	2



Step 13A: Apply Hooklift Assembly Decals





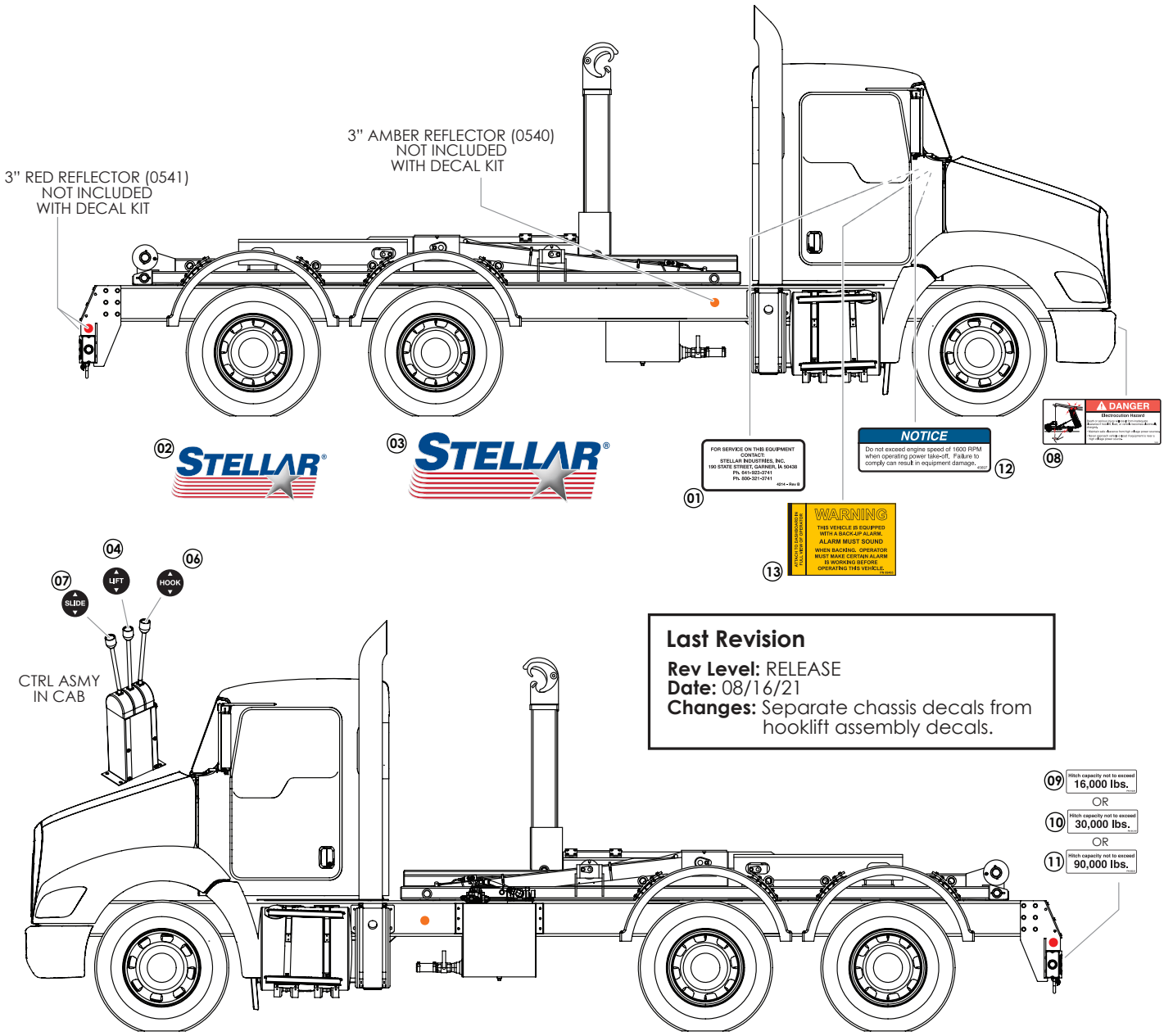
Last Revision

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 13B: Apply Chassis Decals



Last Revision

Rev Level: RELEASE
Date: 08/16/21
Changes: Separate chassis decals from hooklift assembly decals.

PN 121012

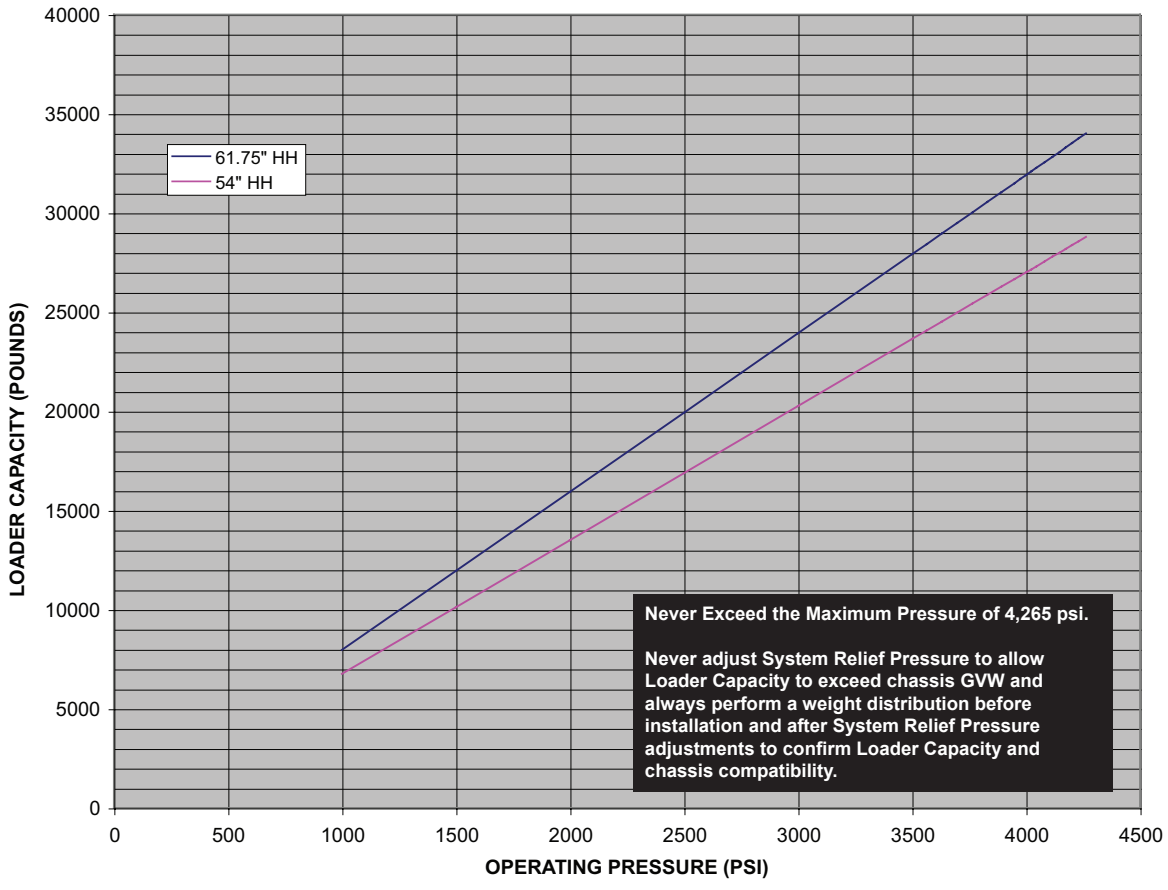
ITEM	PART No.	DESCRIPTION	SUGGESTED LOCATION	QTY.
01	4214	DECAL CONTACT STELLAR	IN CAB	1
02	53850	DECAL STELLAR LOGO 4.00X11.50	SHIPPED LOOSE - OPTIMAL PLACEMENT	1
03	52681	DECAL STELLAR LOGO 6.00X16.50	SHIPPED LOOSE - OPTIMAL PLACEMENT	1
04	39211	DECAL HOOKLIFT LEVER LIFT	CONTROL TOWER	2
05	39212	DECAL 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 14: 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 15: 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 4,265 PSI (See procedure on next page).

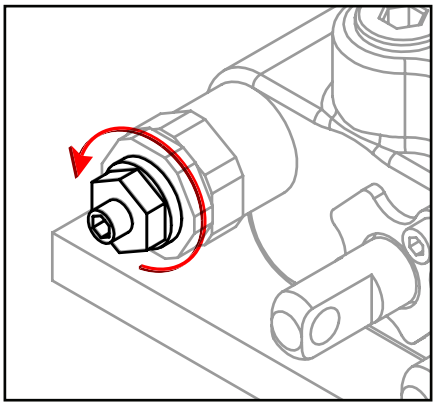


Set System Relief Pressure

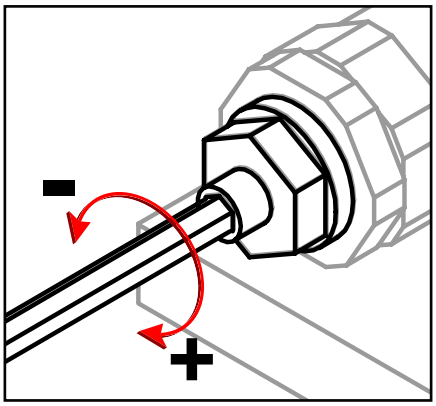
1. Engage the PTO. Run the PTO at 1200 RPM.

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

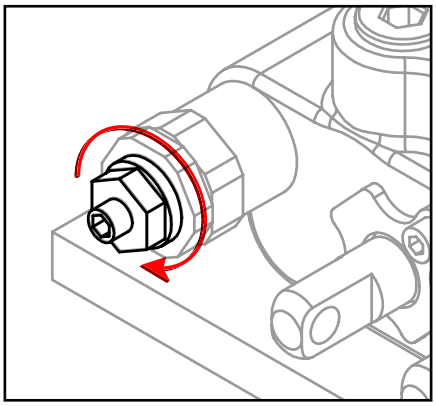
3. Locate the main relief valve and release the jam nut using a 13 mm wrench:



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:

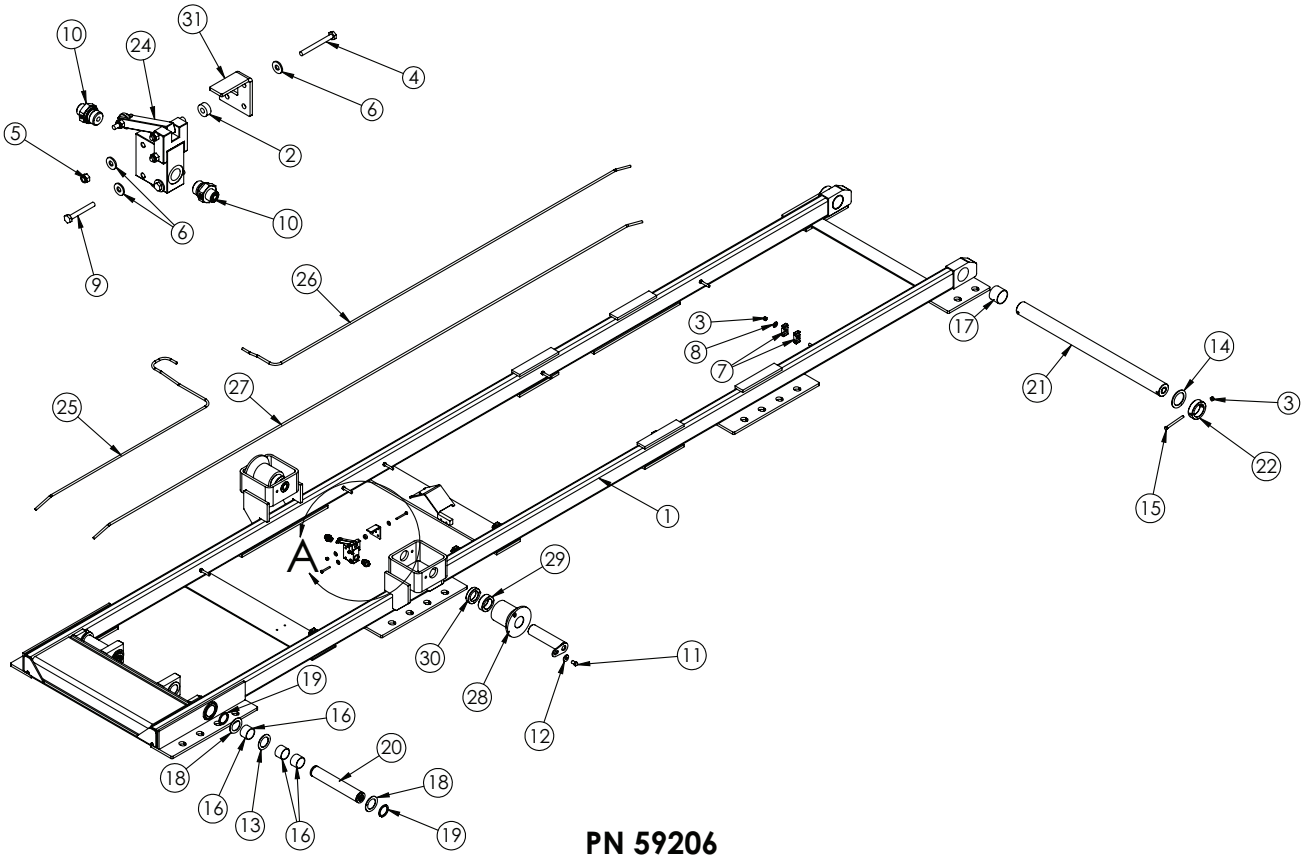


6. Release all functions and disengage the PTO. Snap tamper cap into position over the jam nut. The break away clip will be destroyed if the cap is removed.

This page intentionally left blank.

Chapter 3 - Assembly Drawings

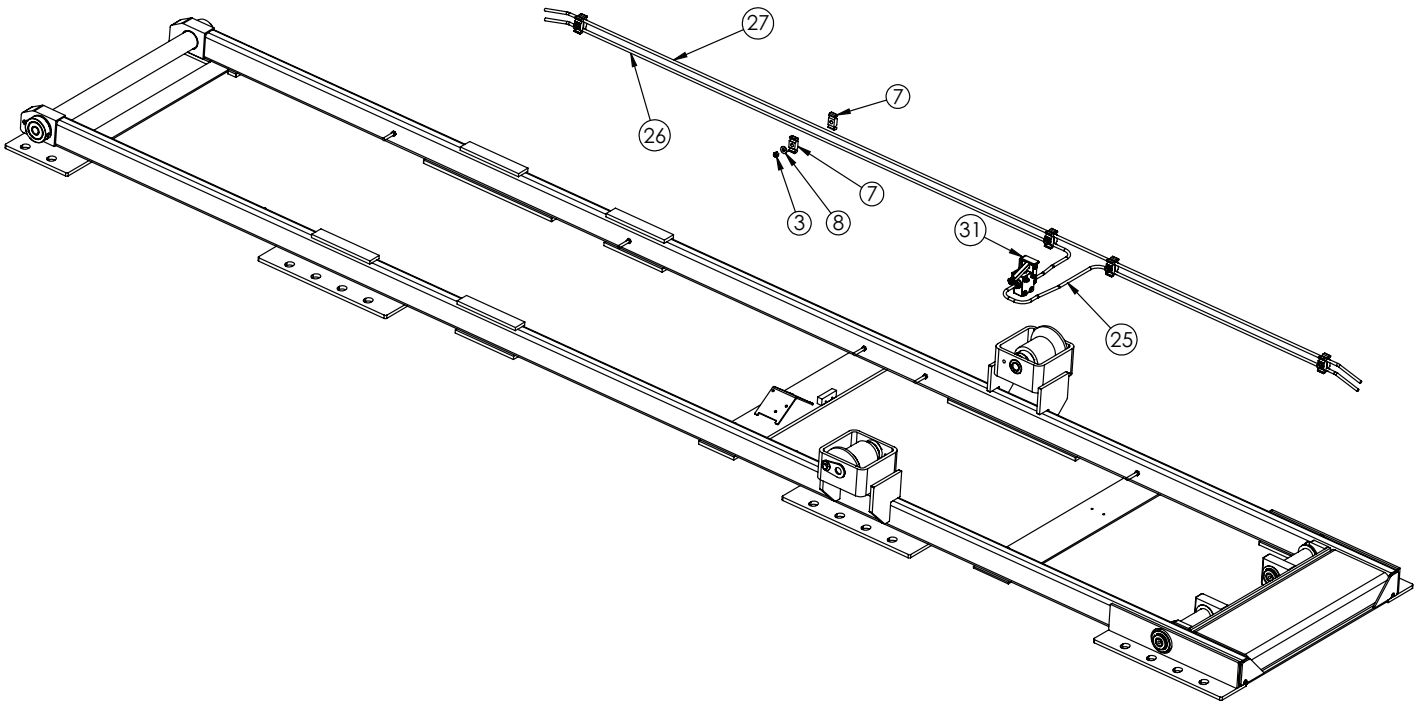
Base Assembly - PN 59206



PN 59206

ITEM	PART	DESCRIPTION	Default/QTY
1	57786	BASE SLIDER34 GEN2	1
2	60348	COLLAR 0.31X0.75X0.31 UHMW	1
3	0347	NUT 0.38-16 HHGR5 NYLOC	7
4	0339	CAP SCR 0.25-20X2.50 HHGR5	1
5	0333	NUT 0.25-20 HHGR5 NYLOC	1
6	0340	WASHER 0.25 USS FLAT	4
7	8622	CLAMP HOSE/TUBE AG-2	10
8	0346	WASHER 0.38 USS FLAT	5
9	0481	CAP SCR 0.25-20X2.00 HHGR5	2
10	57734	FTG 8-6 MBSPP-MFS STRAIGHT	2
11	C0990	CAP SCR 0.50-13X0.75 HHGR5	2
12	0352	WASHER 0.50 USS FLAT ZINC	2
13	8856	THRUST WASHER 2.01DIA UHMW .06 THK	4
14	1593	MACHY WASHER 2.50ID 10GA	2
15	32086	CAP SCR 0.38-16X4.25 HHGR5	2
16	4380	BUSHING 32DXR24 2.00X1.50 GARLOCK	6
17	0635	BUSHING 40DXR32 GARLOCK	2
18	0377	MACHY WASHER 2.00ID 14GA	4
19	0108	SNAP RING 2.00 7200-200	4
20	79585ZP	PIN 2.00X12.00 SR/D&T	2
21	26048CR	PIN 2.50X36.44	1
22	23930	COLLAR 2.51X3.50X1.00	2
23	21493CR	PIN TEAR DROP 2.00X8.00	2
24	53853	VALVE PLUNGER VILLA HYD NORMALLY CLOSED	1
25	57789	TUBE ASM 0.38 SLIDER34 JIB RETRACT VALVE YZ	1
26	57790	TUBE ASM 0.38 SLIDER34 JIB RETRACT YZ	1
27	57791	TUBE ASM 0.38 SLIDER34 JIB EXTEND YZ	1
28	19291	ROLLER 2.00X4.00X3.81X6.00	2
29	21586	COLLAR 2.01X3.00X1.00 UHMW	2
30	21505	COLLAR 2.01X3.00X.63 UHMW	2
31	60470	BRKT PLUNGER VILLA HYD VALVE	1

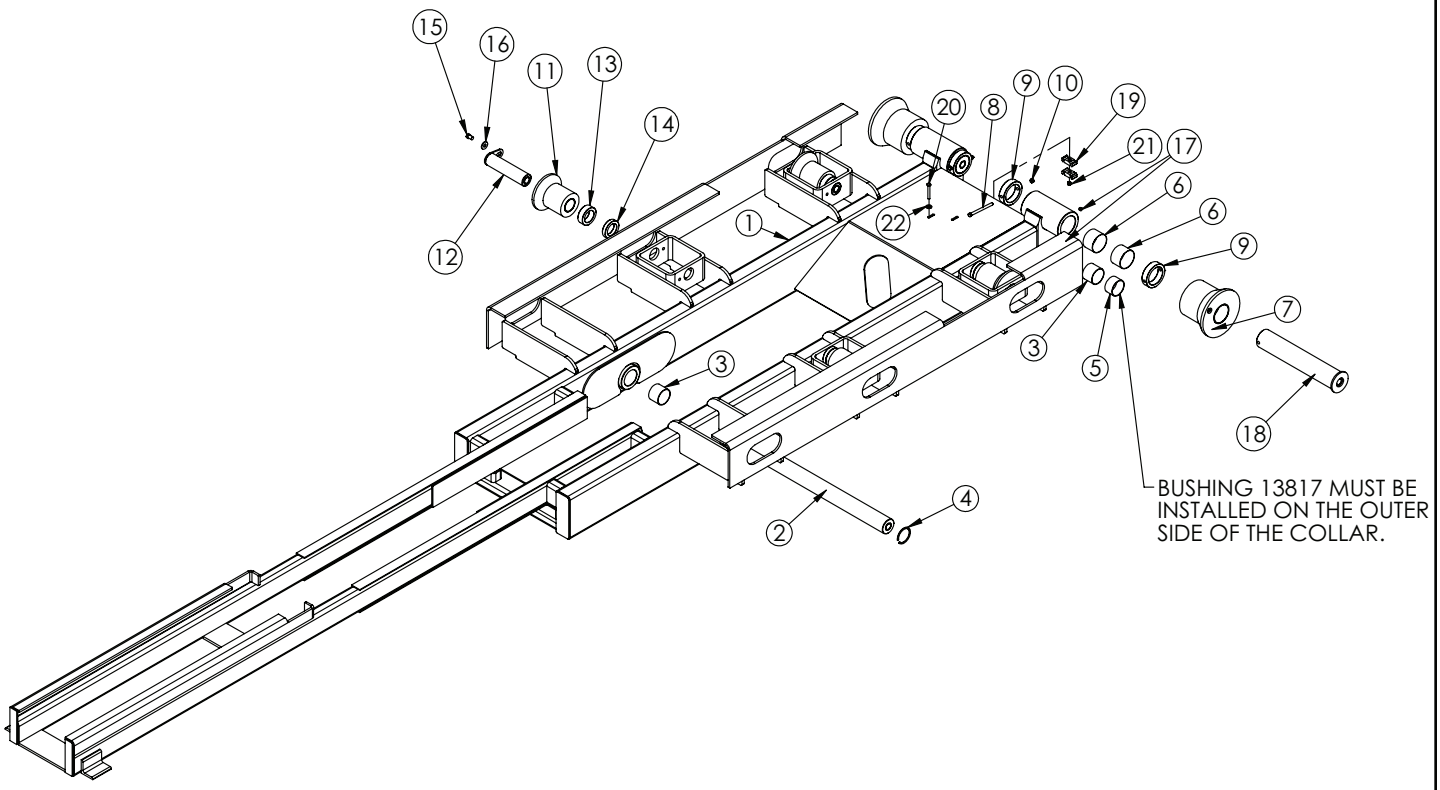
Base Assembly - PN 59206 continued...



PN 59206

ITEM	PART	DESCRIPTION	QTY
3	0347	NUT 0.38-16 HHGR5 NYLOC	9
7	8622	CLAMP HOSE/TUBE AG-2	10
8	0346	WASHER 0.38 USS FLAT ZINC	5
25	57789	TUBE ASM 0.38 SLIDER34 JIB RETRACT VALVE YZ	1
26	57790	TUBE ASM 0.38 SLIDER34 JIB RETRACT YZ	1
27	57791	TUBE ASM 0.38 SLIDER34 JIB EXTEND YZ	1
31	60470	BRKT PLUNGER VILLA HYD VALVE	1

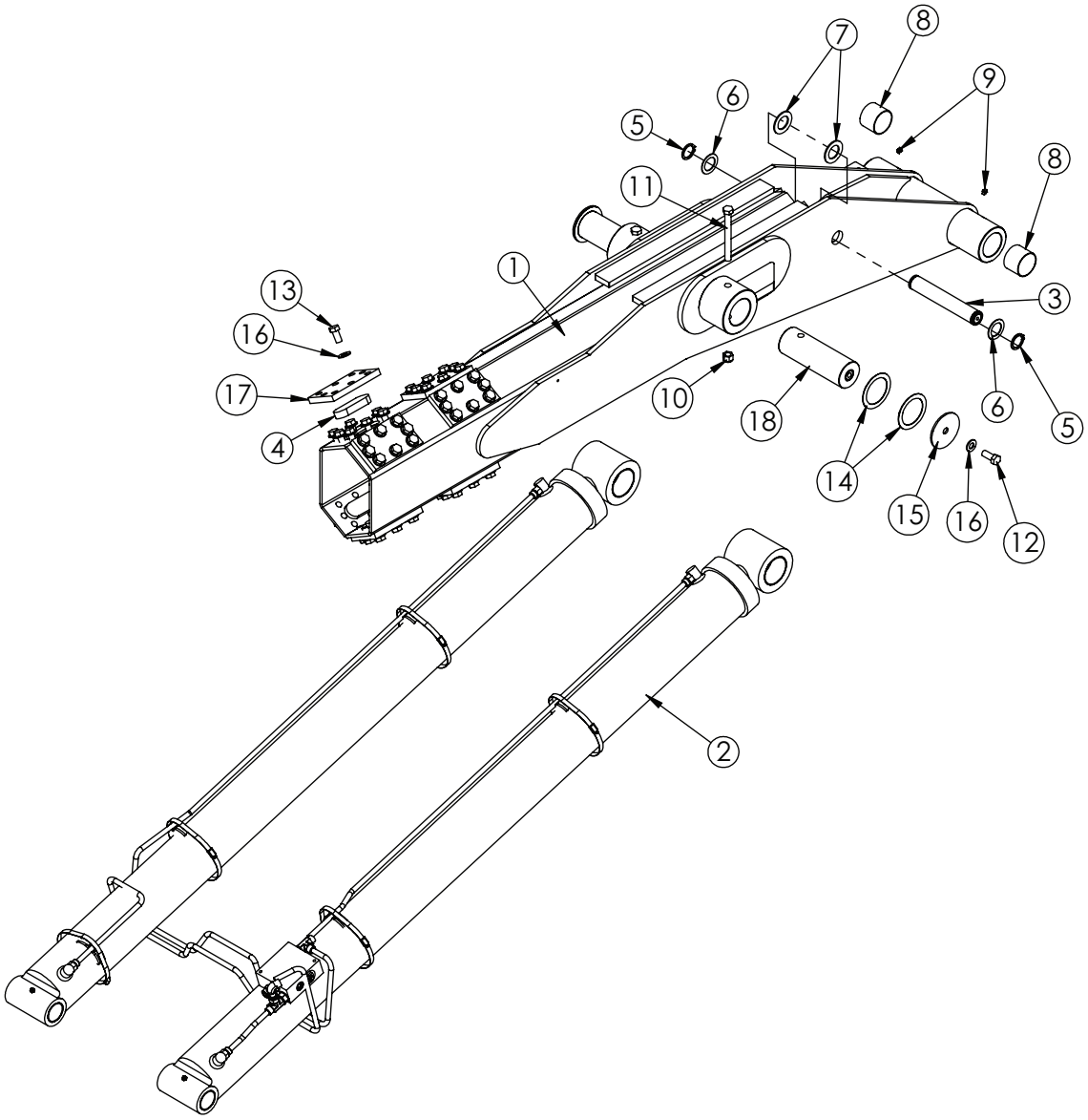
Dump Assembly - PN 59208



PN 59208

ITEM	PART	DESCRIPTION	QTY.
1	59209	DUMP SLIDER34 GEN2	1
2	25582CR	PIN 2.50X25.25	1
3	0635	BUSHING 40DXR32 GARLOCK	4
4	22216	SNAP RING INSIDE 2.50	2
5	13817	BUSHING 40DXR24 2.50X1.50 GARLOCK	2
6	0865	BUSHING 48DXR32 GARLOCK	4
7	22432PC	ROLLER 3.00X6.00X3.81X8.00 POWDERCOAT YEL	2
8	41498	CAP SCR 0.38-16X4.75 HHGR5	2
9	26168	COLLAR RETAINING 3.01X4.00X1.00	4
10	0347	NUT 0.38-16 HH NYLOC	2
11	19291PC	ROLLER 2.00X4.00X3.81X6.00 POWDERCOAT YEL	4
12	21493CR	PIN TEAR DROP 2.00X8.00	4
13	21586	COLLAR 2.01X3.00X1.00 UHMW	4
14	21505	COLLAR 2.01X3.00X.63 UHMW	4
15	C0990	CAP SCR 0.50-13X0.75 HHGR5	4
16	0352	WASHER 0.50 USS FLAT ZINC	4
17	c1592	ZERK 1/8 NPT STRAIGHT	4
18	56845CR	PIN WLDMT 3.00X16.44	2
19	8622	CLAMP HOSE/TUBE AG-2	2
20	0489	CAP SCR 0.31-18X2.50 HHGR5	1
21	0342	NUT 0.31-18 HHGR5 NYLOC	1
22	0343	WASHER 0.31 USS FLAT	1

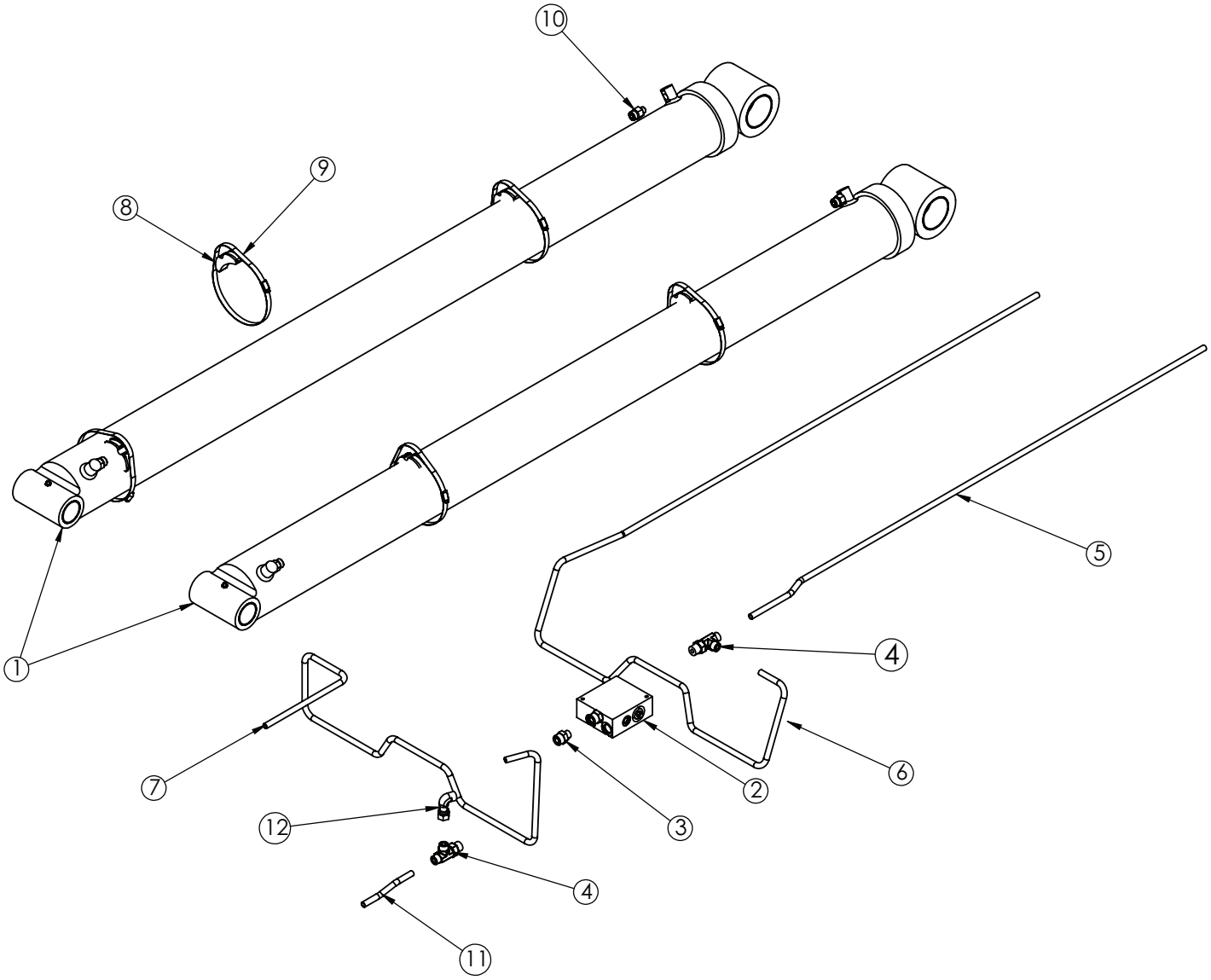
Secondary Assembly - PN 57788



PN 57788

ITEM	PART	DESCRIPTION	QTY.
1	57956	SECONDARY SLIDER34 GEN2	1
2	58053	CYLINDER ASM DUAL SLIDER34 GEN2	1
3	30961CR	PIN 1.50X9.25 SR	1
4	83955	WEAR PAD SECONDARY SLIDER34 SHORT	8
5	0246	SNAP RING ID 7200 150	2
6	0376	MACHY WASHER 1.50ID 14GA	2
7	D0419	THRUST WASHER	2
8	0635	BUSHING 40DXR32 GARLOCK	2
9	c1592	ZERK 1/8 NPT STRAIGHT	2
10	24868	NUT 0.63-11 HHGR8 NYLOC	2
11	60800	CAP SCR 0.63-11X6.00 HHGR8	2
12	0356	CAP SCR 0.63-11X1.50 HHGR8	2
13	66839	CAP SCR 0.63-11X1.25 HHGR8 W/RED PATCH	64
14	8858	THRUST WASHER 3.01DIA UHMW .06 THK	4
15	8597	PIN CAP 0.69x4.00x0.19 YZ	2
16	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	66
17	41786	PLATE WEAR PAD COVER SLIDER34	8
18	83956CR	PIN 3.00X8.81 D&T W/HOLE	2

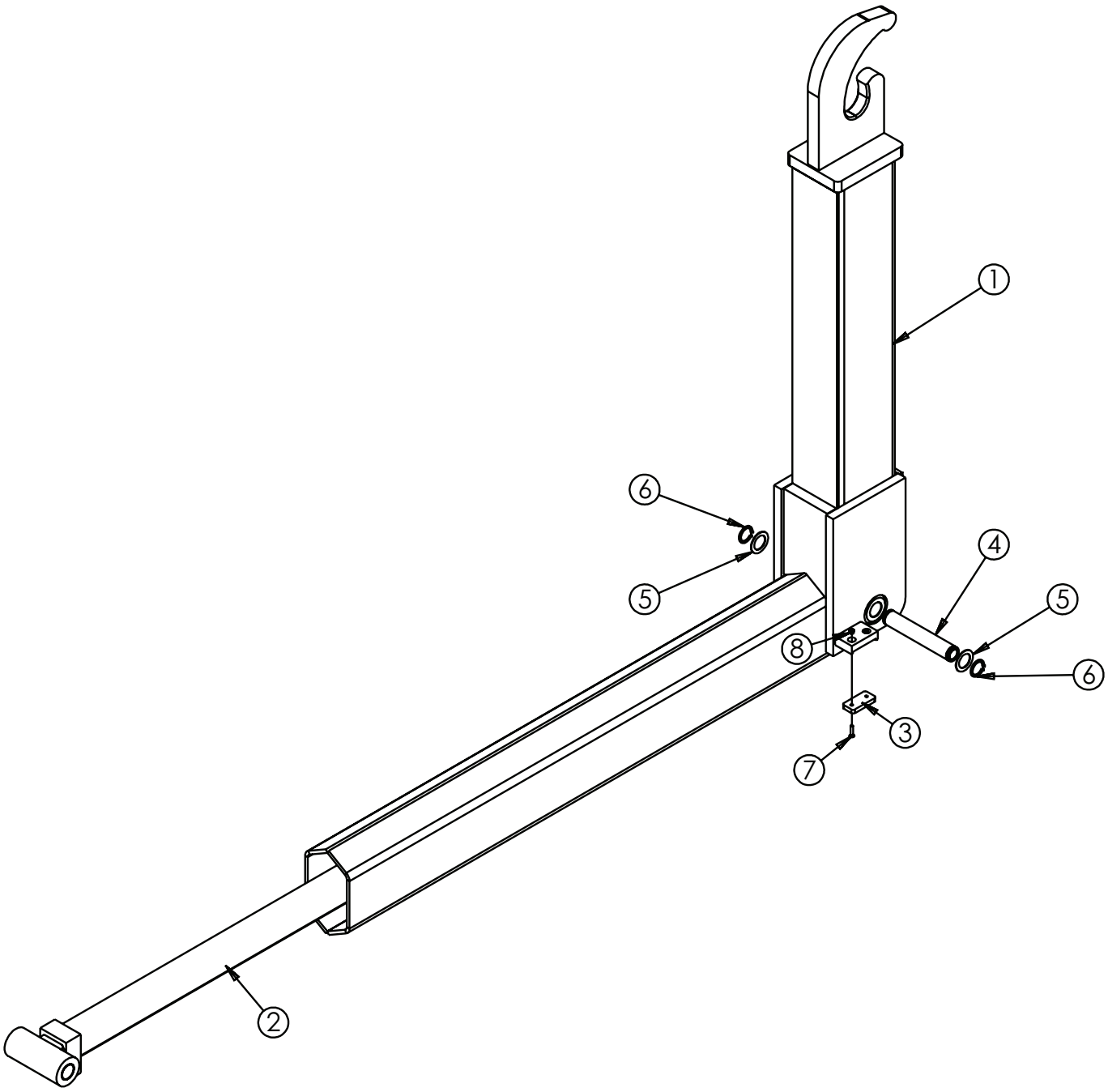
Main Cylinder Assembly - PN 58053



PN 58053

ITEM	PART	DESCRIPTION	QTY
1	67743	CYLINDER 5.00X70.88	2
2	15995	MANIFOLD ASM DUAL T2A 5000PSI	1
3	31053	FTG 10-8 MFS-MORB STRAIGHT	2
4	37179	FTG 8-10-8 MFS-MAORB-MFS TEE	2
5	35802	TUBE ASM 0.50X58.70 A2 YZ	1
6	35801	TUBE ASM 0.50 A2 DUAL RETRACT YZ	1
7	35800	TUBE ASM 0.50 A2 DUAL EXTEND YZ	1
8	18701	CLAMP PORT TUBE ZR518	5
9	19369	HOSE CLAMP 4.13-7.00 5416K38	5
10	D1290	FTG 8-6 MFS-MORB STRAIGHT	4
11	35803	TUBE ASM 0.50X5.75 A2 YZ	1
12	C2376	FTG 8-8 MFS-FFSS 90	1

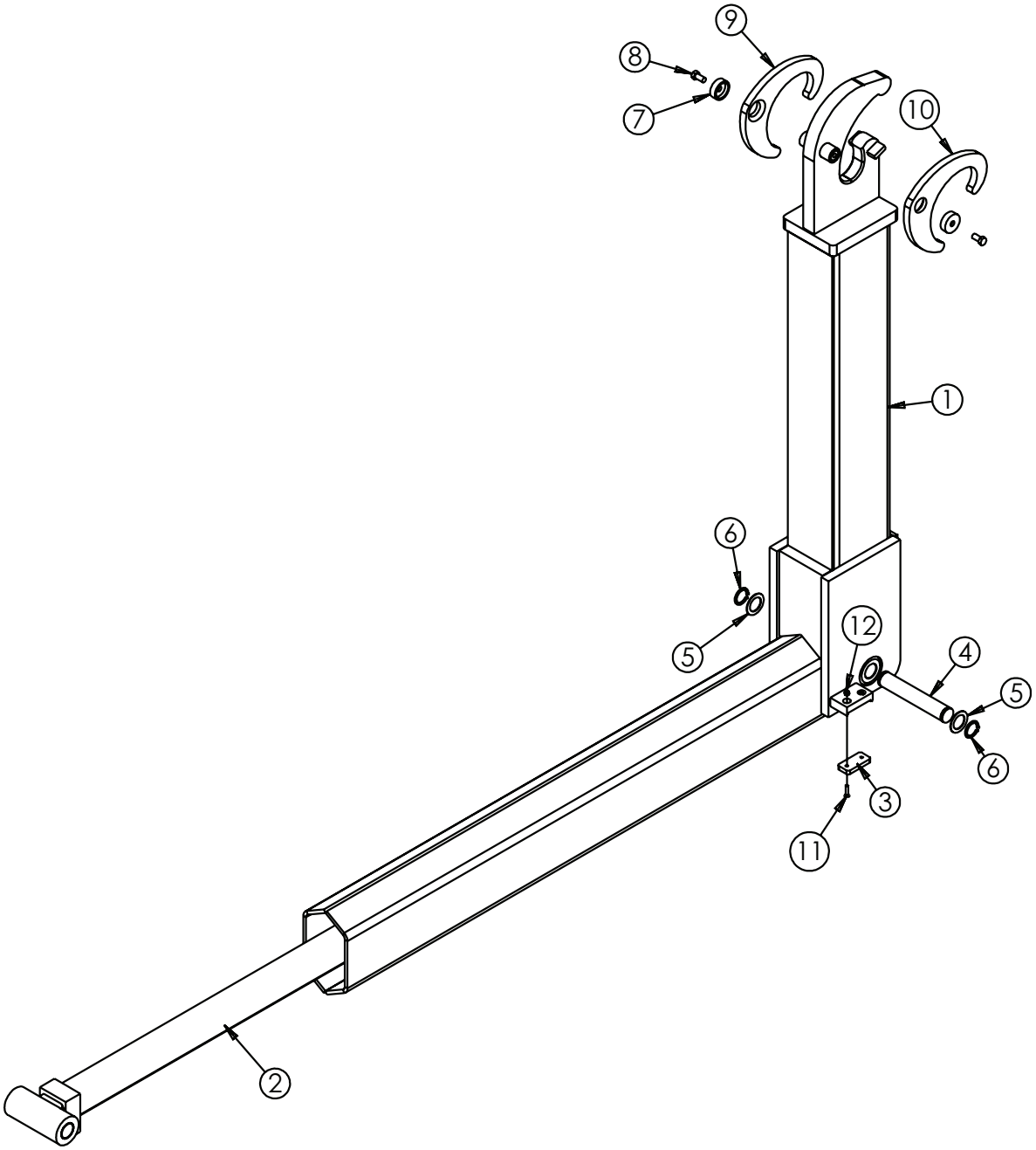
Jib Assembly (54” Hook Height) - PN 47054



PN 47054

ITEM	PART	DESCRIPTION	QTY
1	47053	JIB A2 SLIDER 54 HH	1
2	35175	CYLINDER ASM 3.00X46.00	1
3	41833	WEAR PAD JIB SLIDER34	2
4	35808CR	PIN 1.50X8.75 SR	1
5	0376	MACHY WASHER 1.50ID 14GA	2
6	0246	SNAP RING ID 7200 150	2
7	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
8	0333	NUT 0.25-20 HHGR5 NYLOC	4

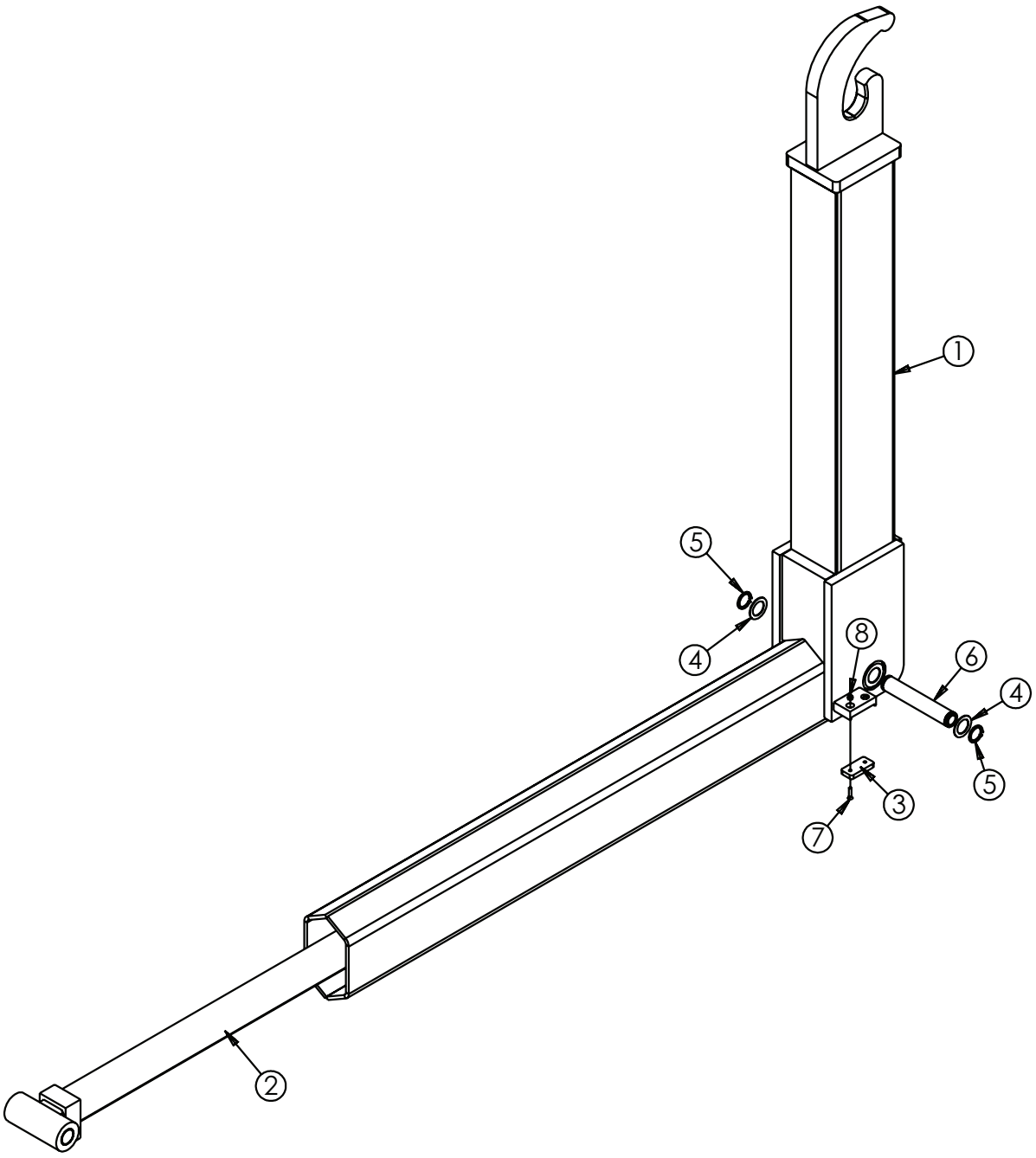
Jib Assembly (54” Hook Height) w/Dock Latches- PN 55321



PN 55321

ITEM	PART	DESCRIPTION	QTY
1	55322	JIB SLIDER34 54HH W/ DOCK LATCHES	1
2	35175	CYLINDER ASM 3.00X46.00	1
3	41833	WEAR PAD JIB SLIDER34	2
4	35808	PIN 1.50X8.75 SR	1
5	0376	MACHY WASHER 1.50ID 14GA	2
6	0246	SNAP RING ID 7200 150	2
7	8818	PIN CAP 0.55X2.00X0.63 YZ	2
8	8457	CAP SCR 0.50-13X1.00 SS	2
9	28765	LATCH SS 40000K	1
10	28766	LATCH CS 40000K	1
11	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
12	0333	NUT 0.25-20 HHGR5 NYLOC	4

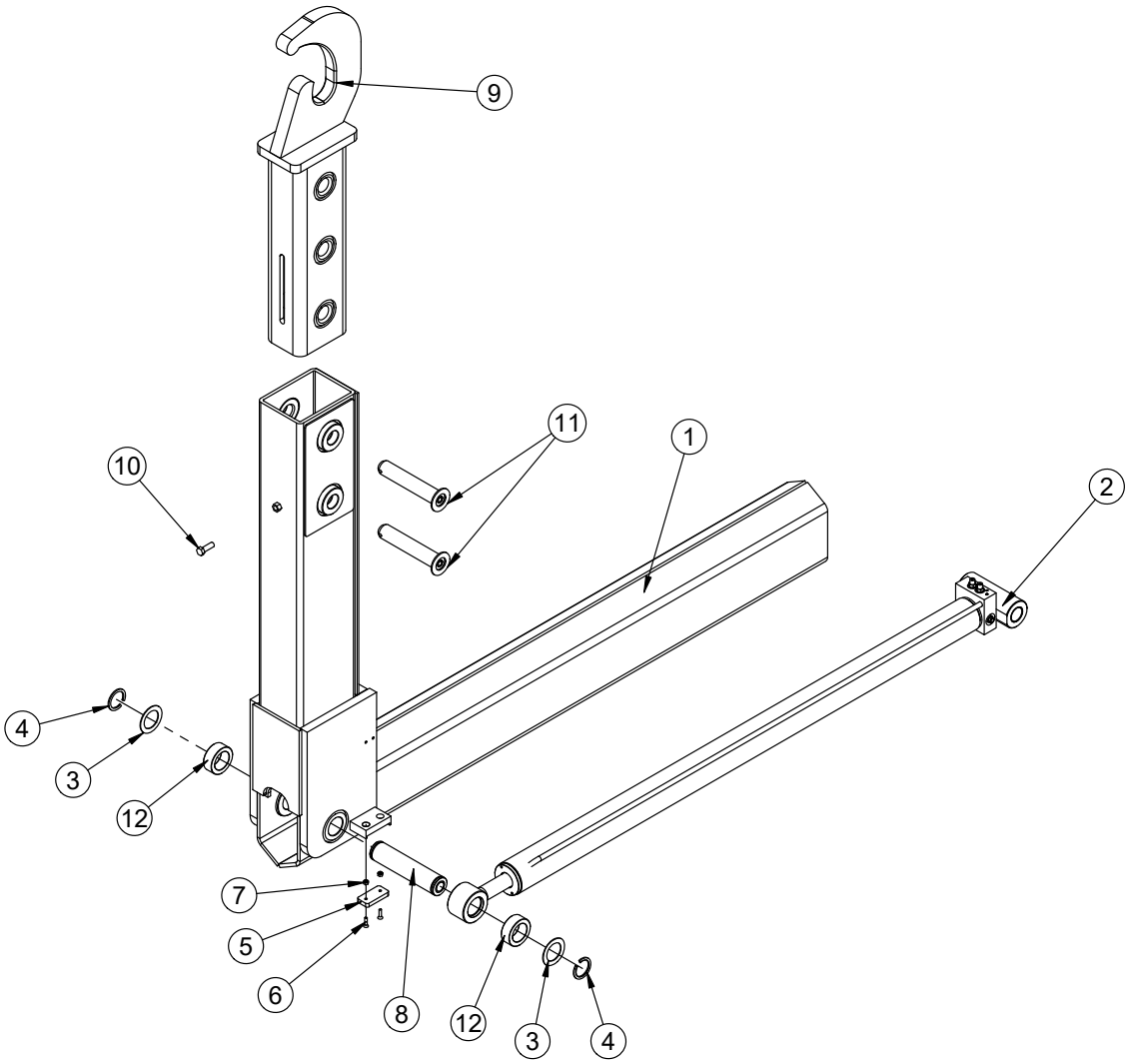
Jib Assembly (61.75” Hook Height) - PN 46704



PN 46704

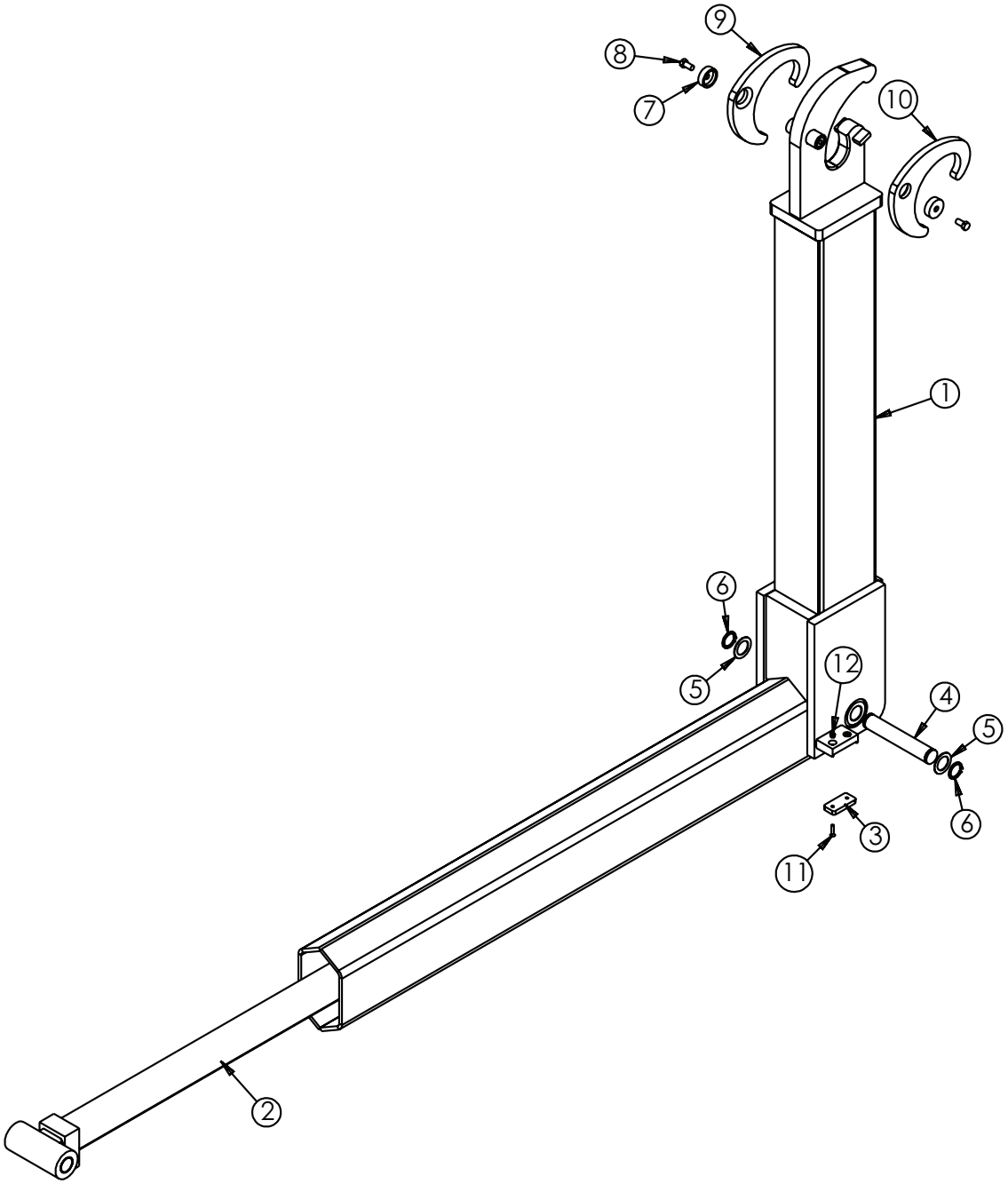
ITEM	PART	DESCRIPTION	QTY
1	46705	JIB A2 SLIDER 62 HH	1
2	35175	CYLINDER ASM 3.00X46.00	1
3	41833	WEAR PAD JIB SLIDER34	2
4	0376	MACHY WASHER 1.50ID 14GA	2
5	0246	SNAP RING ID 7200 150	2
6	35808CR	PIN 1.50X8.75 SR	1
7	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
8	0333	NUT 0.25-20 HHGR5 NYLOC	4

Adj. Hook Height Assembly (Man.) - PN 120811



ITEM	PART	DESCRIPTION	QTY
1	120812	JIB WLDMT SLIDER34 54/62HH MANUAL	1
2	42450	CYLINDER ASM 3.00X46.00 SHORT BOSS	1
3	0377	MACHY WASHER 2.00ID 14GA	2
4	0108	SNAP RING 2.00 7200-200	2
5	41833	WEAR PAD JIB SLIDER34	2
6	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
7	0333	NUT 0.25-20 HHGR5 NYLOC	4
8	42757CR	PIN 2.00X8.88 SR ZC	1
9	120808	JIB TOP SLIDER20 GEN3 MANUAL 54/62HH	1
10	10548	CAP SCR 0.50-13X1.50 HHGR8	1
11	117599CR	PIN WLDMT 1.50X8.13	2
12	89287	COLLAR 2.01X3.00X1.13 UHMW	2
REV. INITIAL RELEASE:REQ826			

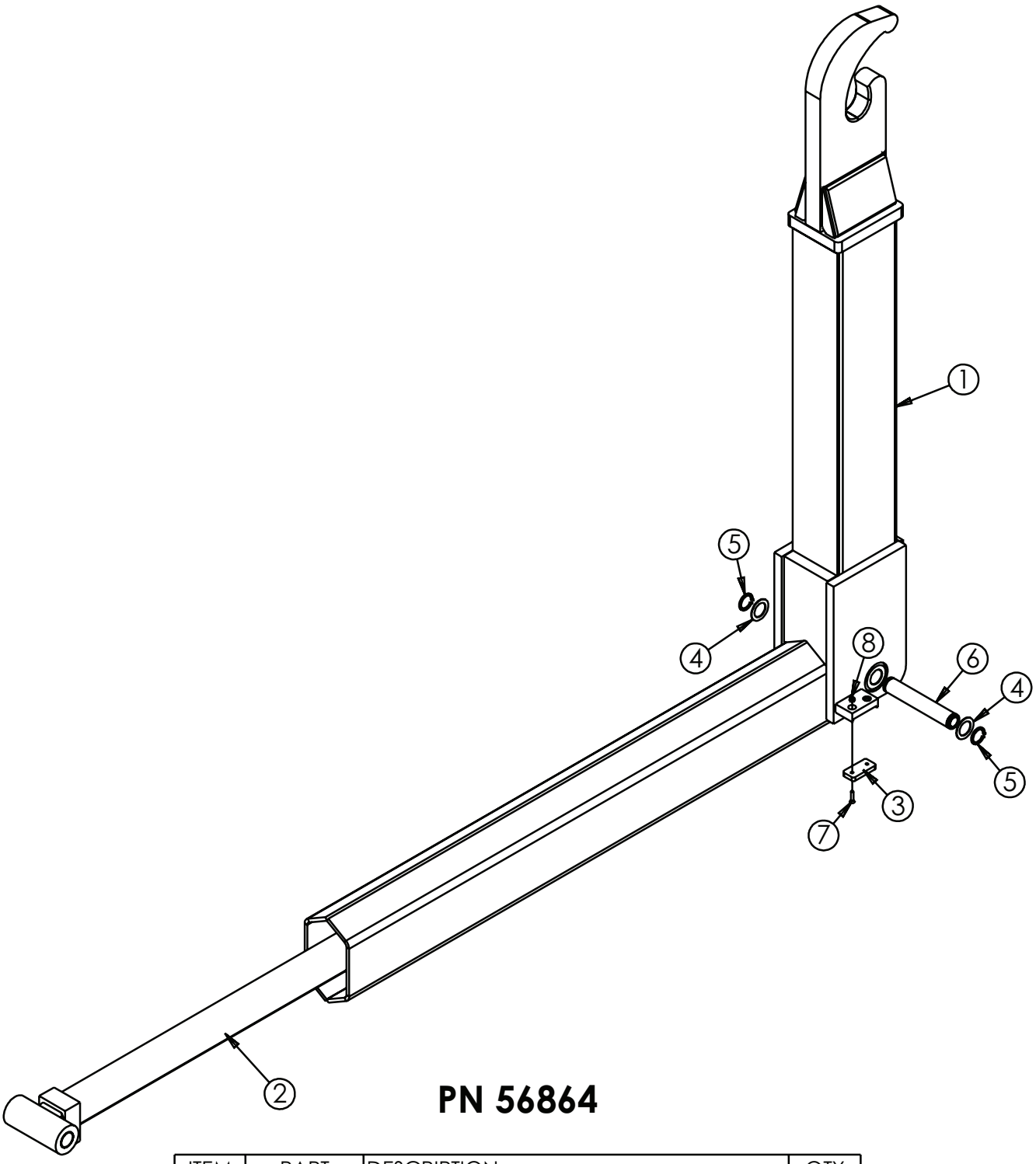
Jib Assembly (61.75” Hook Height) w/Dock Latches - PN 57484



PN 57484

ITEM	PART	DESCRIPTION	QTY
1	57485	JIB SLIDER34 62HH W/ DOCK LATCHES	1
2	35175	CYLINDER ASM 3.00X46.00	1
3	41833	WEAR PAD JIB SLIDER34	2
4	35808	PIN 1.50X8.75 SR	1
5	0376	MACHY WASHER 1.50ID 14GA	2
6	0246	SNAP RING ID 7200 150	2
7	8818	PIN CAP 0.55X2.00X0.63 YZ	2
8	8457	CAP SCR 0.50-13X1.00 SS	2
9	28765	LATCH SS 40000K	1
10	28766	LATCH CS 40000K	1
11	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
12	0333	NUT 0.25-20 HHGR5 NYLOC	4

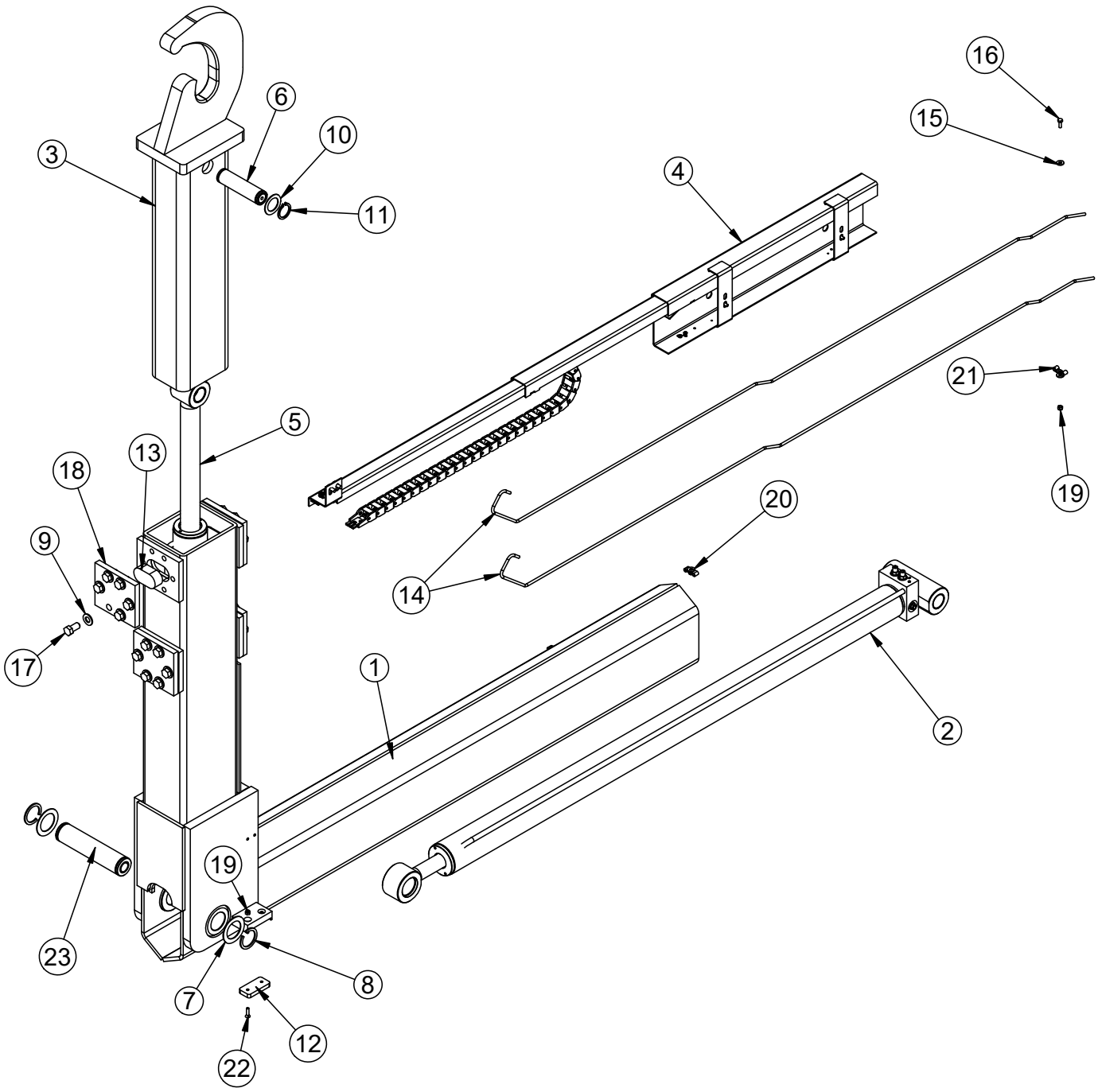
Jib Assembly (61.75” Hook Height) - PN 56864



PN 56864

ITEM	PART	DESCRIPTION	QTY
1	56915	JIB SLIDER34 62 HH TACOM	1
2	35175	CYLINDER ASM 3.00X46.00	1
3	41833	WEAR PAD JIB SLIDER34	2
4	0376	MACHY WASHER 1.50ID 14GA	2
5	0246	SNAP RING ID 7200 150	2
6	35808CR	PIN 1.50X8.75 SR	1
7	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
8	0333	NUT 0.25-20 HHGR5 NYLOC	4

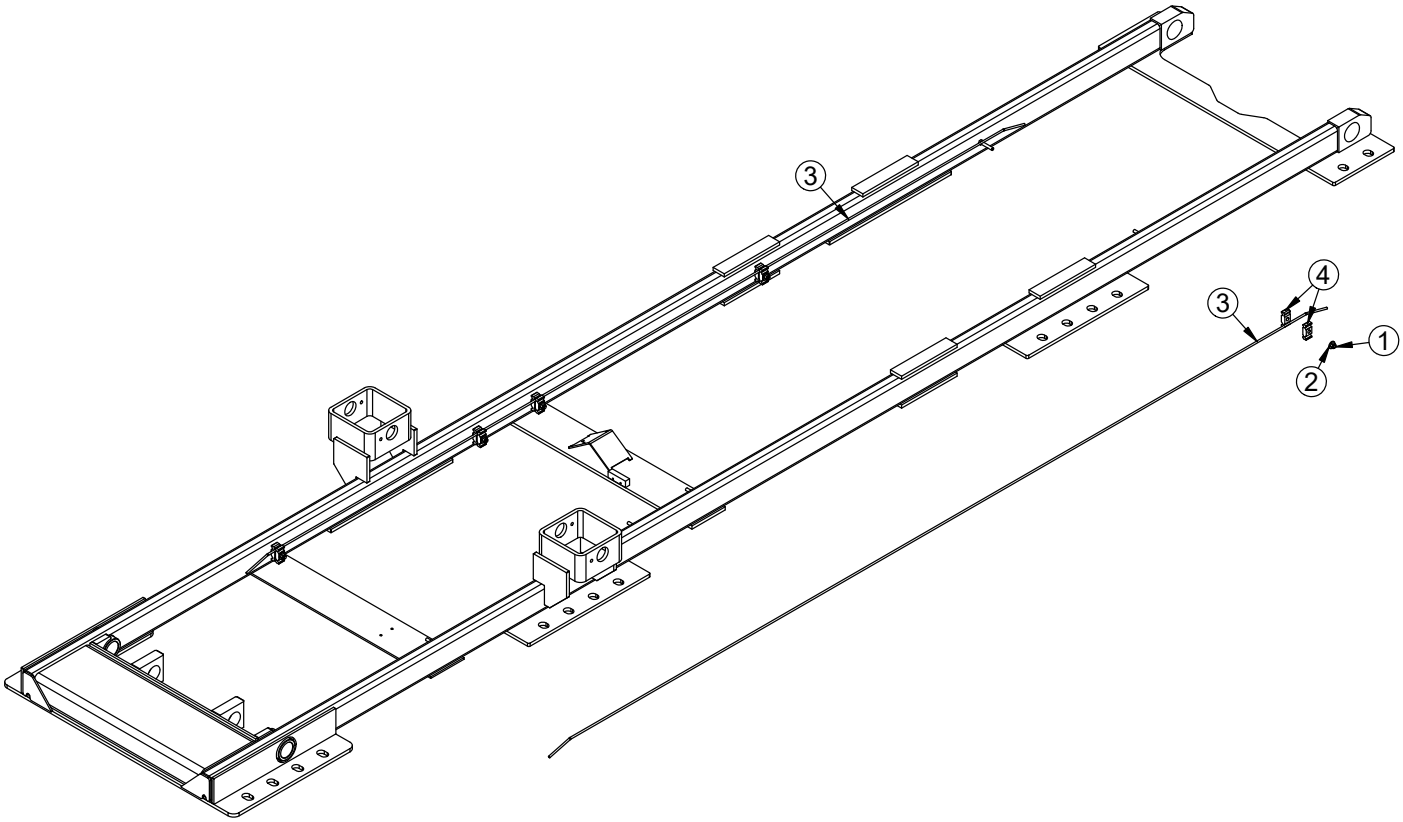
Jib Assembly Slider34 HYD Gen2 - PN 136993



Jib Assembly Slider34 HYD Gen2 - PN 136993 Parts List

PN 136993			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	43507	JIB HYD SLIDER34	1
2	42450	CYLINDER ASM 3.00X46.00 SHORT BOSS	1
3	43510	JIB TOP SLIDER34 HYD ADJUST HH	1
4	136996	HOSE TRACK ASM SLIDER34 GEN 2	1
5	43505	CYLINDER ASM 3.00X7.75	1
6	42756CR	PIN 1.50X5.75 SR ZC	1
7	0377	MACHY WASHER 2.00ID 14GA	2
8	0108	SNAP RING 2.00 7200-200	2
9	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	24
10	0376	MACHY WASHER 1.50ID 14GA	2
11	0246	SNAP RING ID 7200 150	2
12	41833	WEAR PAD JIB SLIDER34	2
13	42448	WEAR PAD A2 HYD JIB	4
14	136997	TUBE ASM 0.25 SLIDER34 JIB HH ZC GEN 2	2
15	0340	WASHER 0.25 USS FLAT	2
16	0479	CAP SCR 0.25-20X0.75 HHGR5	1
17	66839	CAP SCR 0.63-11X1.25 HHGR8 ZY W/RED PATCH	24
18	43513	PLATE WEAR PAD COVER SLIDER34 JIB PC BLACK	4
19	0333	NUT 0.25-20 HHGR5 NYLOC	7
20	D0917	WASHER 0.25 FLAT SS	4
21	C5606	CLAMP 0.25 BLK VINYL	6
22	D1315	CAP SCR 0.25-20X1.00 FHSH CAP	4
23	42757CR	PIN 2.00X8.88 SR ZC	1
REV. INITIAL RELEASE: REQ826			

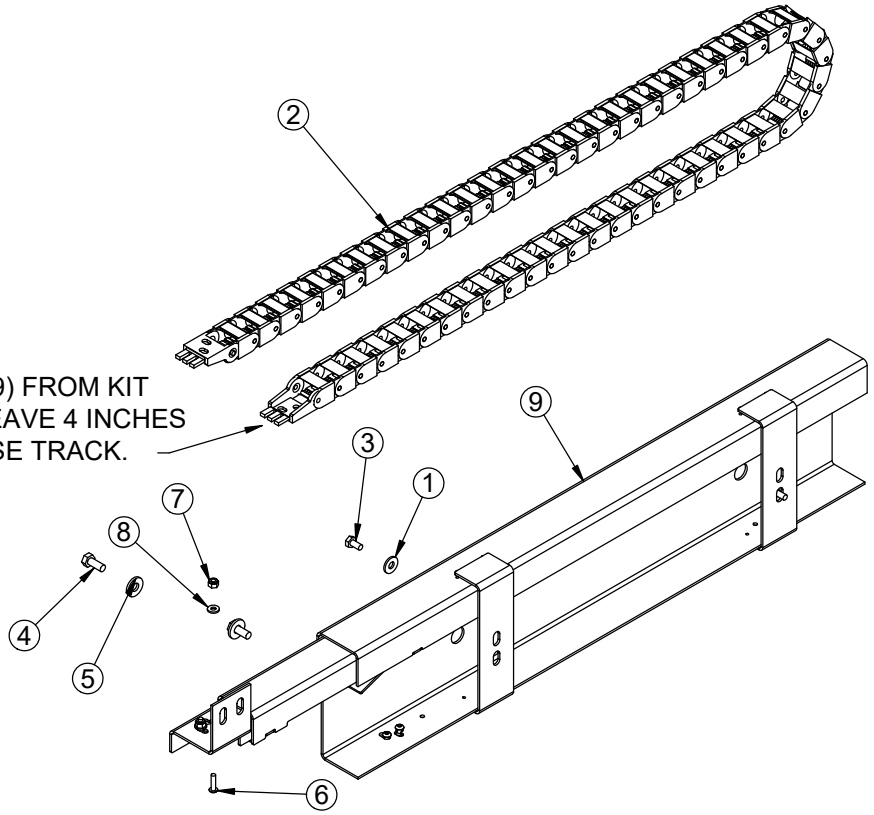
Jib Assembly Slider34 HYD Gen2 - PN 136996 Continued...



PN 136996			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0347	NUT 0.38-16 HHGR5 NYLOC	5
2	0346	WASHER 0.38 USS FLAT	5
3	59597	TUBE ASM 0.25 SLIDER34 JIB EXTEND ZC	2
4	8622	CLAMP HOSE/TUBE AG-2	10
REV. INITIAL RELEASE: REQ826			

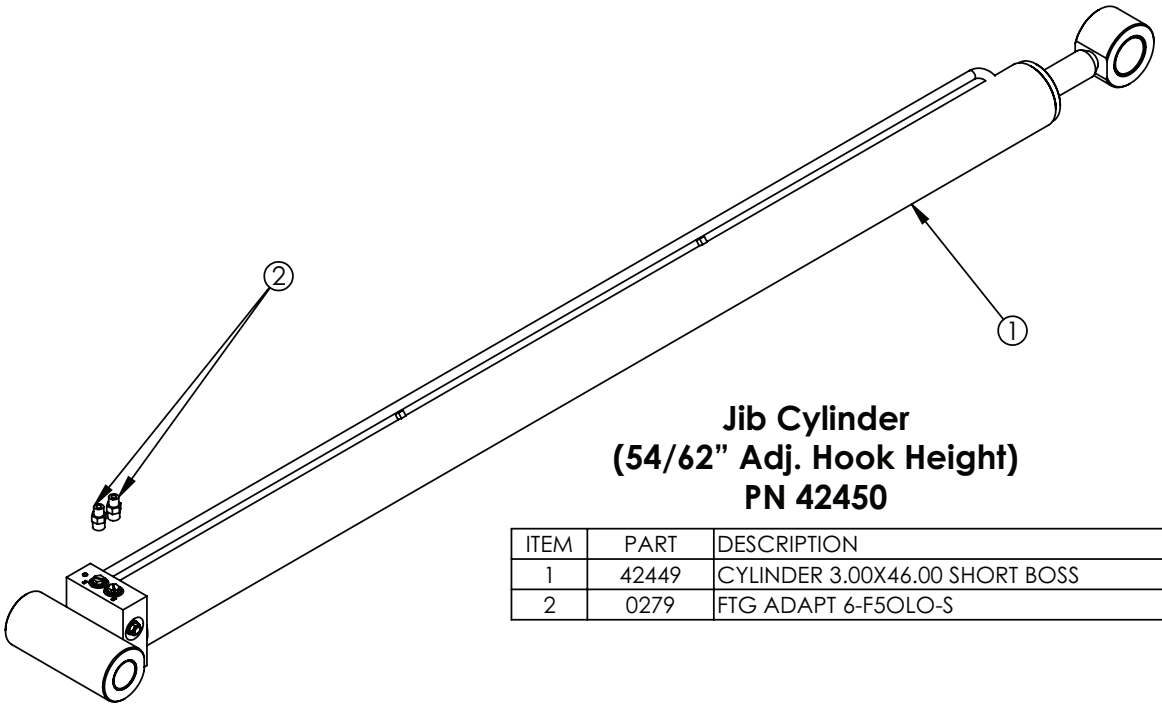
Hose Track - PN 136996

NOTE: WHEN PLACING THE HOSES (84949) FROM KIT (84955) INTO THE HOSE TRACK (59004) LEAVE 4 INCHES OF THE HOSE OUT THIS END OF THE HOSE TRACK.



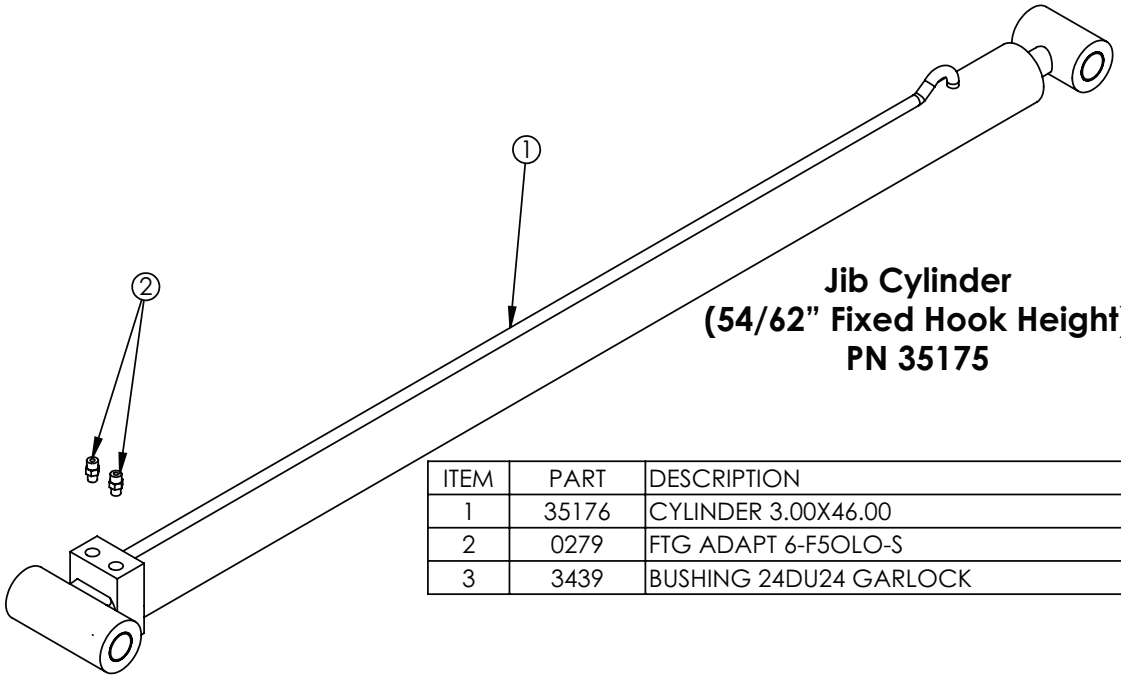
PN 136996			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0340	WASHER 0.25 USS FLAT	2
2	54193	HOSE TRACK SLIDER 26	1
3	0478	CAP SCR 0.25-20X0.50 HHGR5	2
4	0420	CAP SCR 0.31-18X0.75 HHGR5	2
5	0343	WASHER 0.31 USS FLAT	2
6	D0894	CAP SCR #10-24X0.75 BTNHD SS	4
7	C4956	NUT #10-24 HH NYLOC SS	4
8	D0178	WASHER #10 SAE FLAT	4
9	136995	HOSE TRACK WLDMT SLIDER34 GEN 2	1
REV. INITIAL RELEASE: REQ826			

Slider34 Cylinder Assemblies



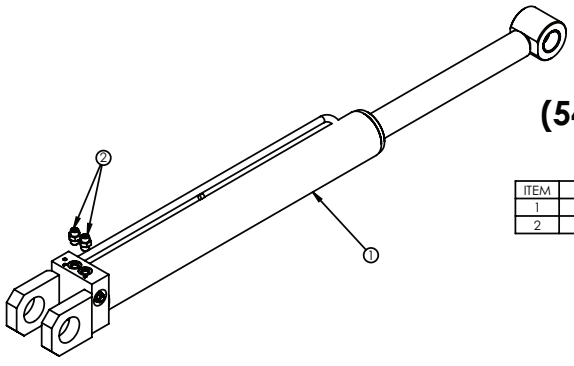
Jib Cylinder
(54/62" Adj. Hook Height)
PN 42450

ITEM	PART	DESCRIPTION	QTY
1	42449	CYLINDER 3.00X46.00 SHORT BOSS	1
2	0279	FTG ADAPT 6-F5OLO-S	2



Jib Cylinder
(54/62" Fixed Hook Height)
PN 35175

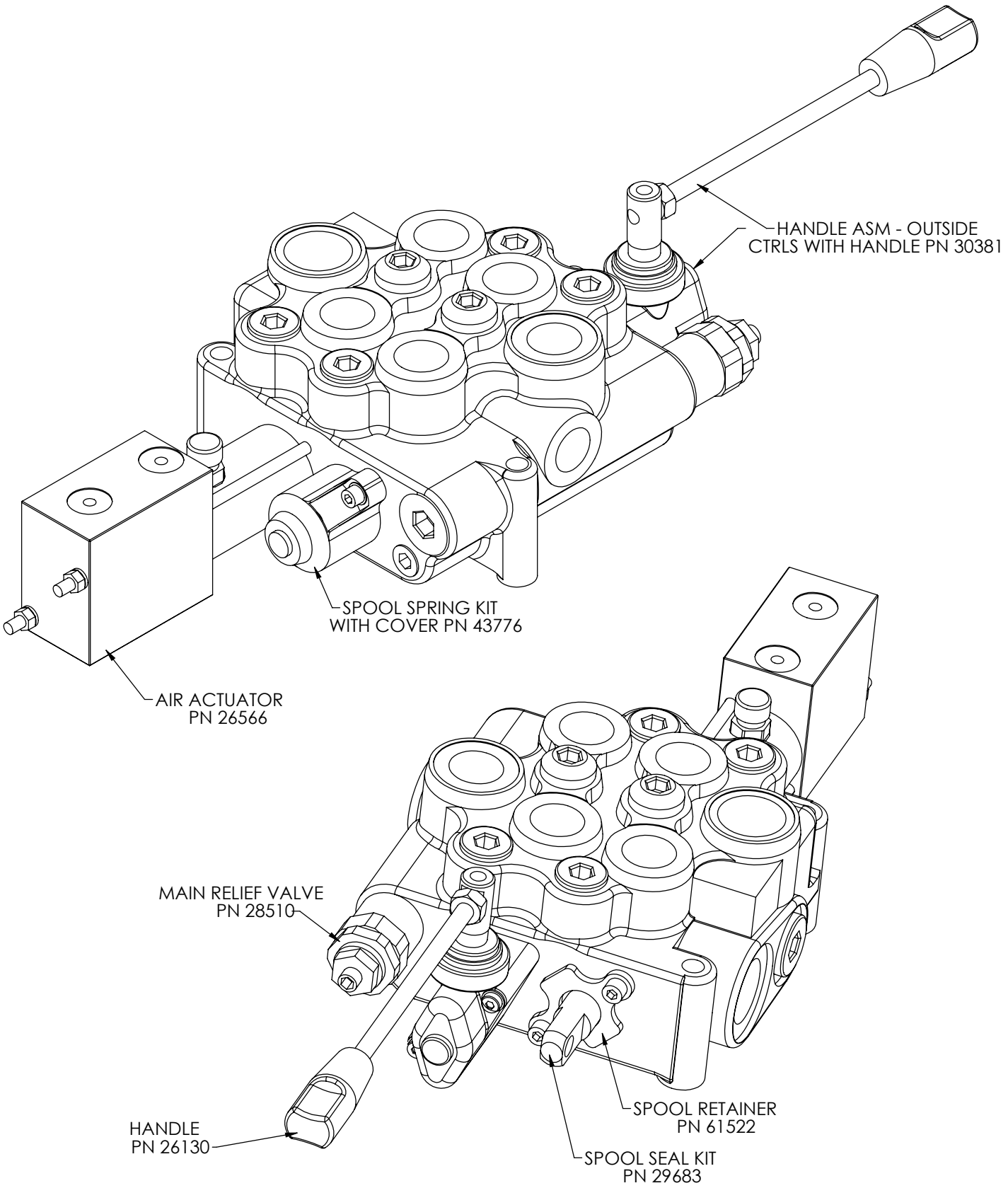
ITEM	PART	DESCRIPTION	QTY
1	35176	CYLINDER 3.00X46.00	1
2	0279	FTG ADAPT 6-F5OLO-S	2
3	3439	BUSHING 24DU24 GARLOCK	4



Hook Cylinder
(54/62" Adj. Hook Height)
PN 43505

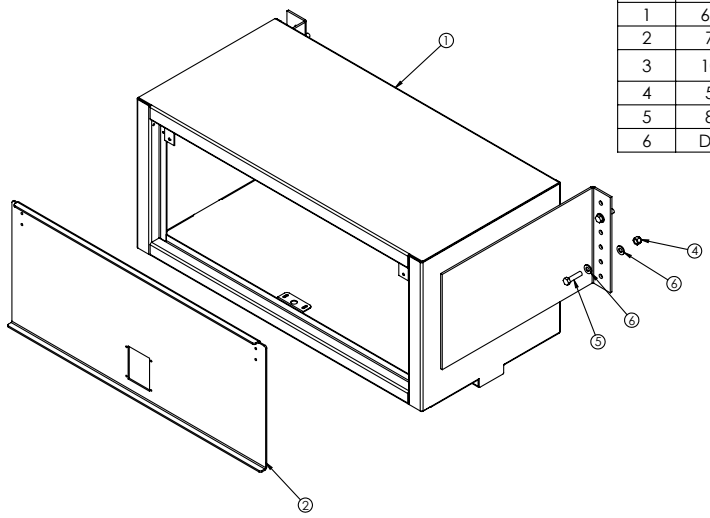
ITEM	PART	DESCRIPTION	QTY
1	43506	CYLINDER 3.00X7.75	1
2	C4922	FTG ADAPT 4-6 F5OLO-S	2

Valve Bank Parts Drawing



Toolbox Assembly - PN 8480

PN 8480

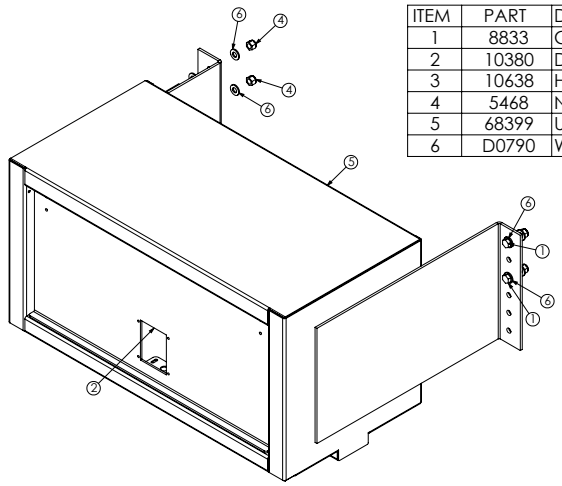


ITEM	PART	DESCRIPTION	QTY.
1	66791	UBTB WLDMT OH 20X45X22 W/MOUNTS	1
2	7193	DOOR AL OH 17.13X40.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	8833	CAP SCR 0.50-13X2.00 HHGR8	4
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

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

Toolbox Assembly - PN 10401

PN 10401

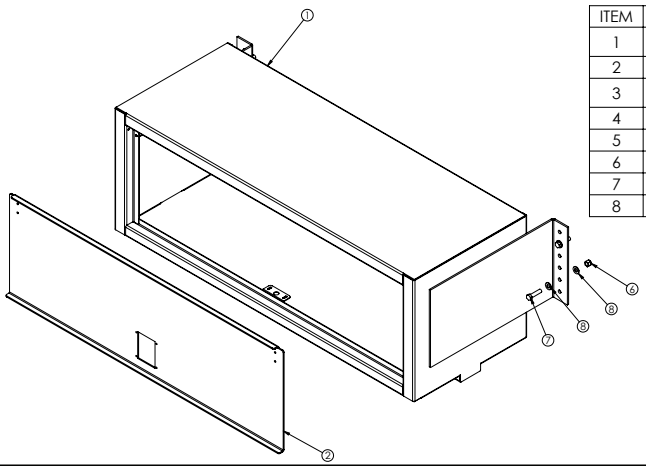


ITEM	PART	DESCRIPTION	QTY.
1	8833	CAP SCR 0.50-13X2.00 HHGR8	4
2	10380	DOOR AL OH 15.19X31.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	68399	UBTB WLDMT OH OH 18X36X18 W/MOUNTS TAB	1
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

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

Toolbox Assembly - PN 10402

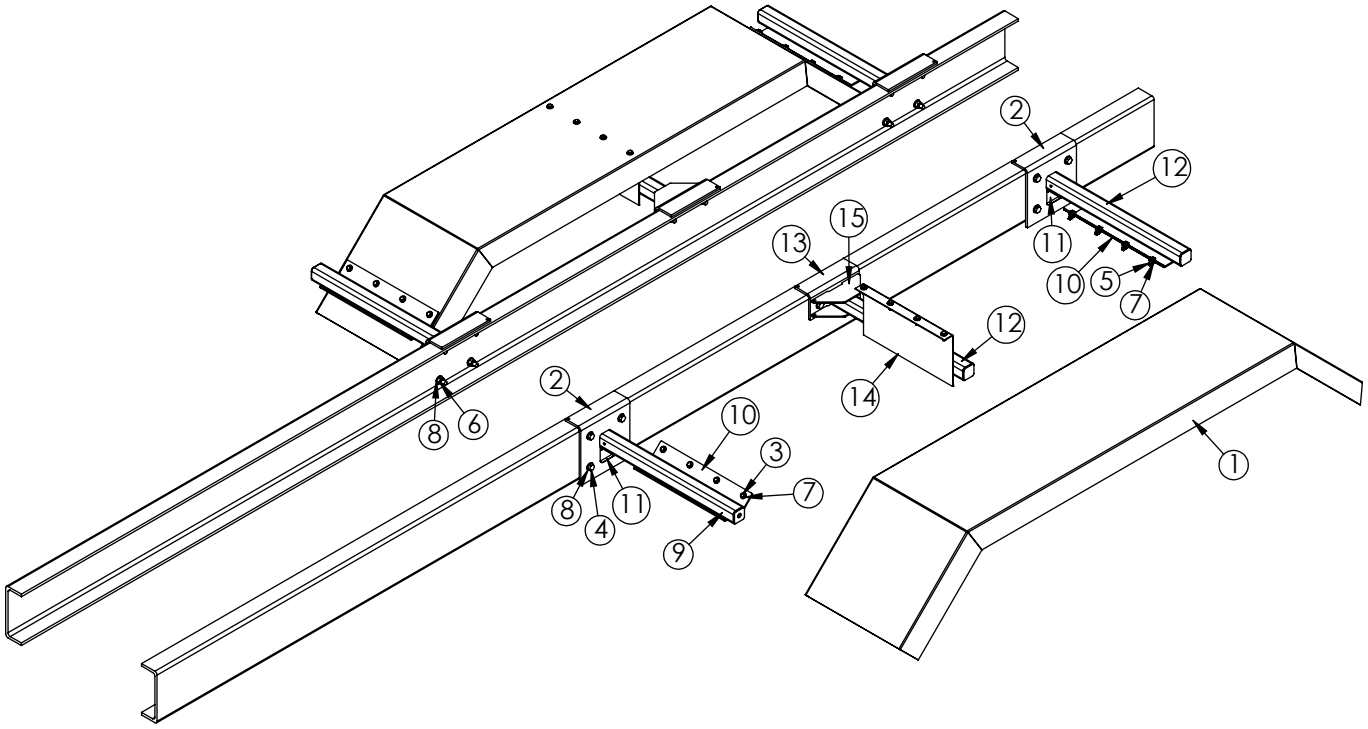
PN 10402



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

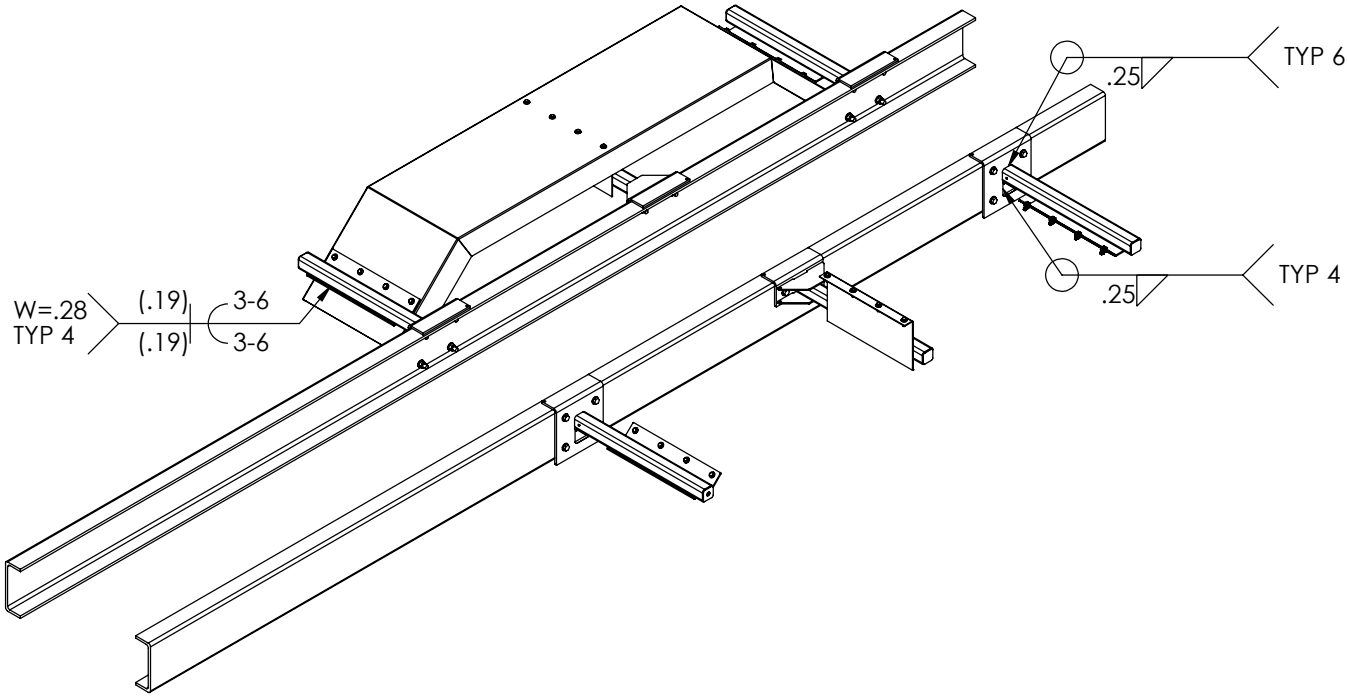
Optional Fender Kit - PN 115695

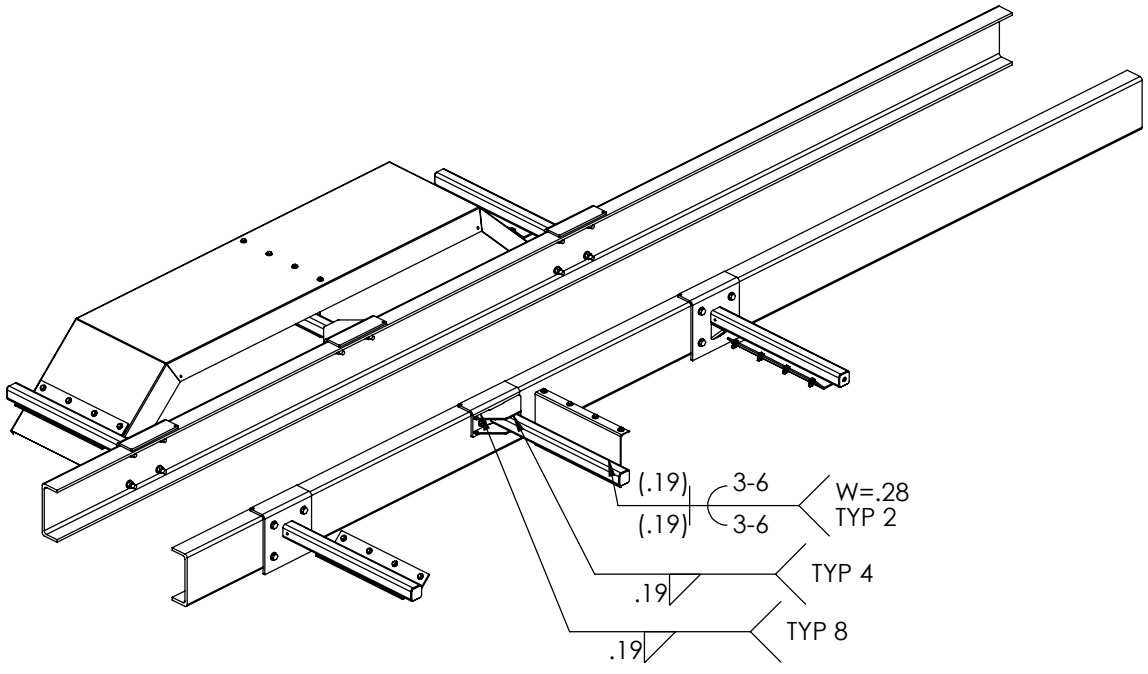


PN 115695

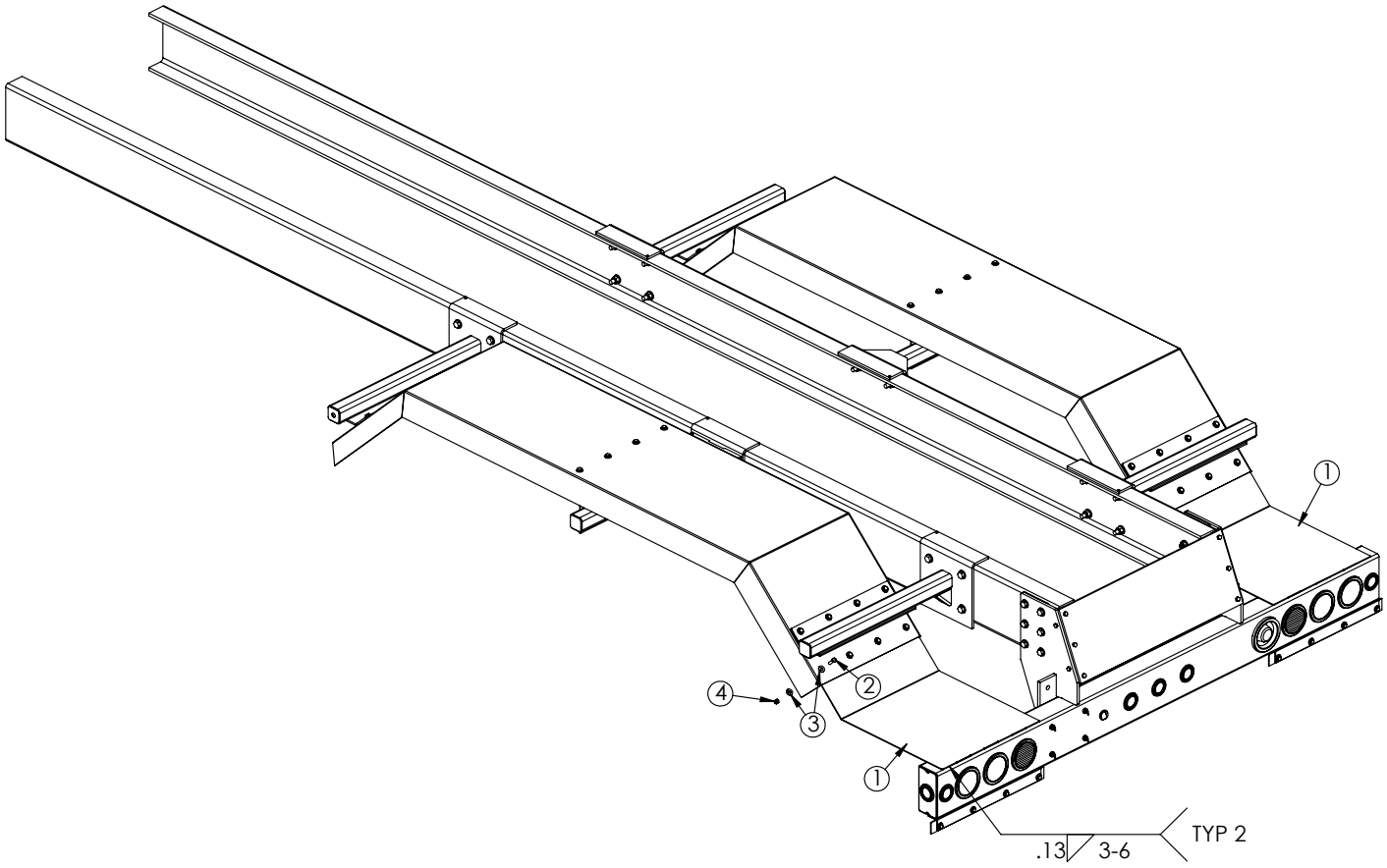
ITEM	PART No.	DESCRIPTION	QTY.
01	118143	FENDER TANDEM DPS CNE W/ PAINT	2
02	118842	ANGLE FORMED 3.50X11.25X0.38X11.00	4
03	0335	CAP SCR 0.38-16X1.25 HHGR5	24
04	C1026	CAP SCR 0.63-11X2.50 HHGR8	20
05	0347	NUT 0.38-16 HHGR5 NYLOC	24
06	24868	NUT 0.63-11 HHGR8 NYLOC	20
07	0346	WASHER 0.38 USS FLAT	48
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 TARPER TUBE MID MOUNT SUPPORT	4

Optional Fender Kit - PN 115695 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.
© 2024 Stellar Industries, Inc.