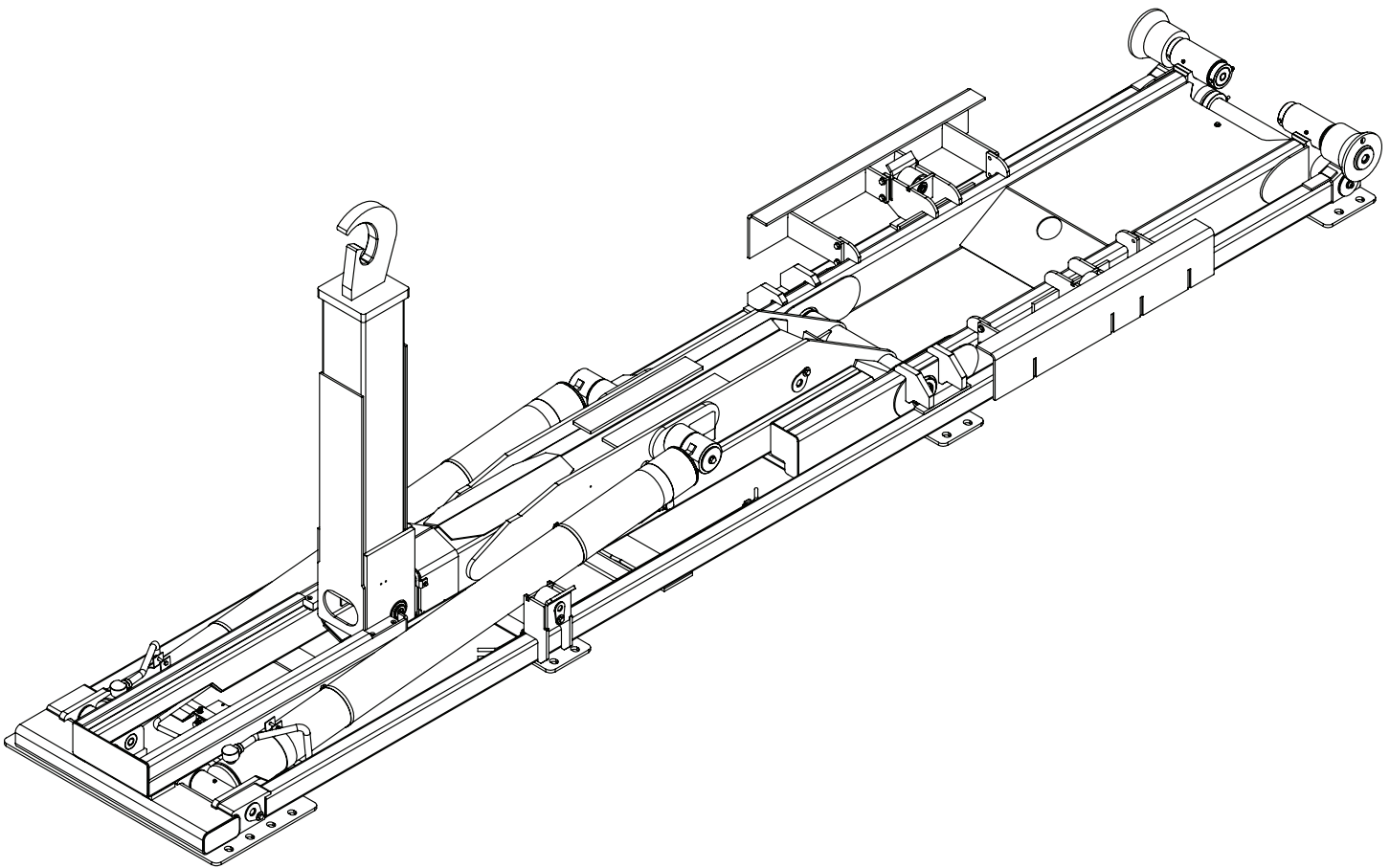




Slider50 Hooklift

Owner's Manual

Installation • Assembly Drawings • Parts



Stellar Industries, Inc.

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Garner, IA 50438

800-321-3741

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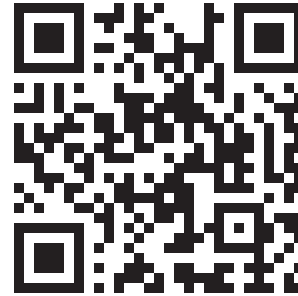
www.stellarindustries.com

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Rev 1
PN 89561

WARNING

Operating, maintaining, and servicing a Stellar product may expose you to chemicals including, but not limited to, engine exhaust, carbon monoxide, phthalates, and lead. These chemicals are known to the State of California to cause cancer and birth defects (or other reproductive harm). To keep your exposure to a minimum, be sure to avoid breathing exhaust and service your Stellar product in a well-ventilated area while wearing gloves or washing your hands frequently. For more information, go to www.P65Warnings.ca.gov/passenger-vehicle.



NOTICE

Cold Weather Performance

Although clear data on cold weather performance from every steel manufacturer is not available for all types and thicknesses of steel, Stellar Industries is confident that the weldments on our products will operate to 100% of their intended purpose to temperatures down to -40° F / C.

It is recommended if Stellar manufactured equipment needs to be used in temperatures below -40° F / C, the operator should pull the unit into a climate-controlled area and allow the weldments to warm up to and then maintain a temperature above this level.

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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.

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

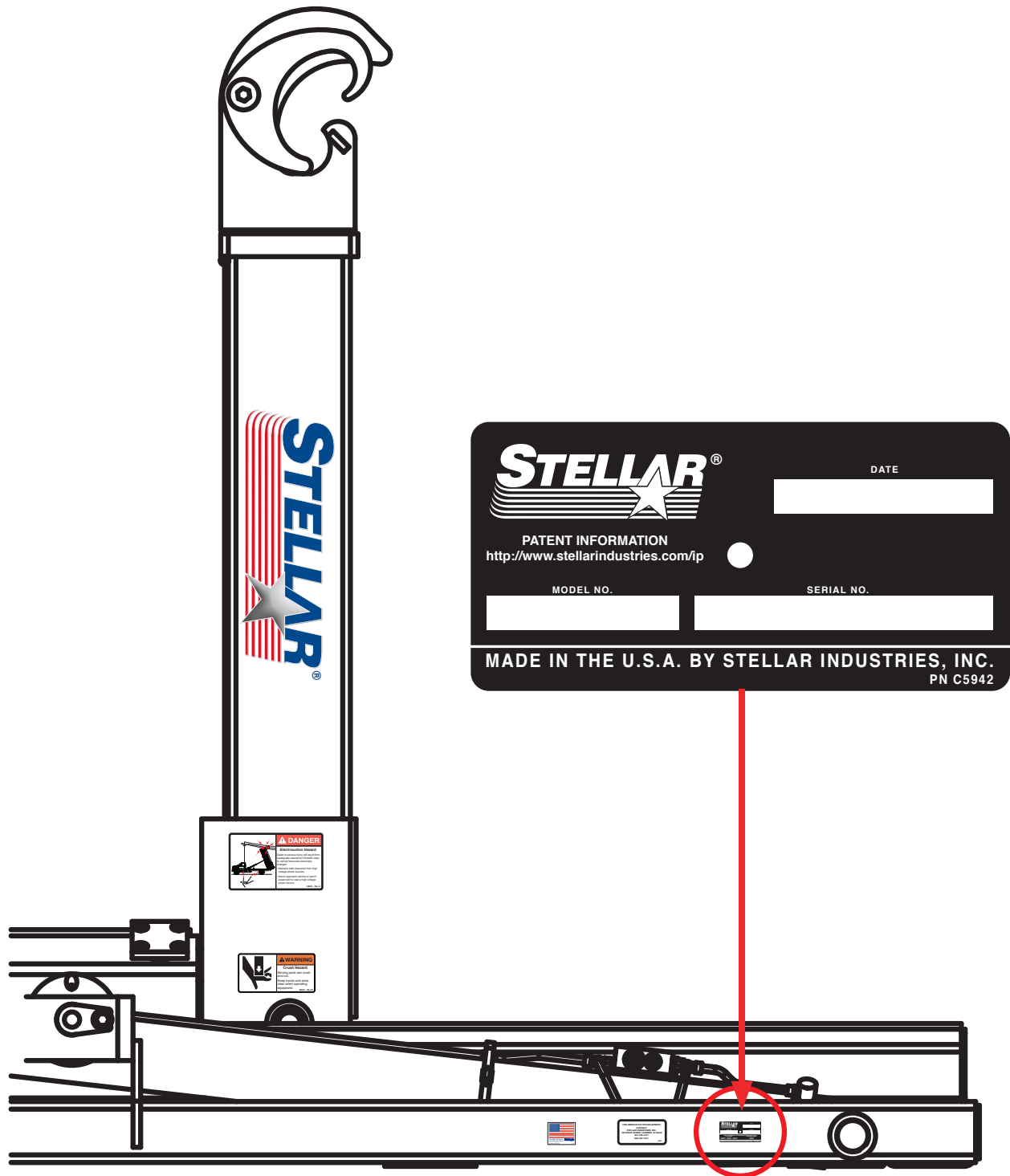
parts@stellarindustries.com

Warranty Information

warranty@stellarindustries.com

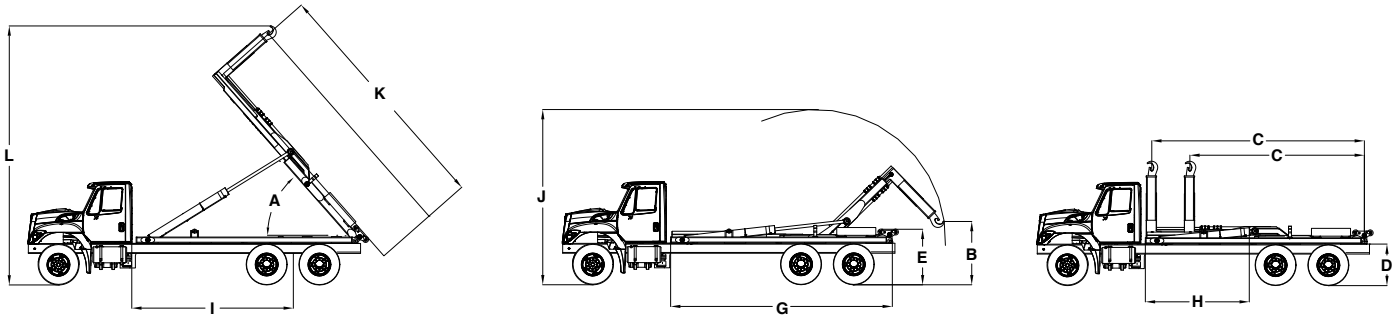
Serial Tag Location

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



Chapter 1 - Specifications

Slider50 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	42,500 (19,278 Kg)	50,000 lbs (22,680 kg)	42,500 lbs - 50,000 lbs (19,278 kg - 22,680 kg)
	Dumping Capacity	50,000 lbs (22,680 kg)	50,000 lbs (22,680 kg)	50,000 lbs (22,680 kg)
A	Dump Angle	51°	51°	51°
B	Lowest Hook Height	46" (1,169 mm)	39.25" (997 mm)	46" or 39.25" (1,169 or 997 mm)
C	Effective Length	192" to 238" (4,877 mm to 6,046 mm)	192" to 238" (4,877 mm to 6,046 mm)	192" to 238" (4,877 mm to 6,046 mm)
D	Truck Frame Height	45" (1,143 mm)	45" (1,143 mm)	45" (1,143 mm)
E	Hooklift Height	57" (1,448 mm)	57" (1,448 mm)	57" (1,448 mm)
G	Hooklift Length	247.56" (6,288 mm)	247.56" (6,288 mm)	247.56" (6,288 mm)
H	Hooklift Center of Gravity	102" (2,591 mm)	102" (2,591 mm)	102" (2,591 mm)
I	Chassis Cab to Trunion	182" to 202" (4,623 to 5,131 mm)***	182" to 202" (4,623 to 5,131 mm)***	182" to 202" (4,623 to 5,131 mm)***
J	Max. Height When Loading	179.38" (4,557 mm)	183.68" (4,666 mm)	179.38" or 183.68" (4,557 or 4,666 mm)
K	Longest Body When Dumping	288" (7,315 mm)	288" (7,315 mm)	288" (7,315 mm)
L	Max. Height When Dumping	281.50" (7,150 mm)	286.38" (7,274 mm)	281.50" or 286.38" (7,150 or 7,274 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	5,630 lbs (2,554 kg)	5,650 lbs (2,563 kg)	6,010 (2,726 kg)
	Shipping Dimensions (LxWxH)	248.81" x 52.88" x 75.75"	248.81" x 52.88" x 83.50"	248.81" x 52.88" x 75.75"
	Minimum Truck GVWR	54,000 lbs (24,494 kg)	54,000 lbs (24,494 kg)	54,000 (24,494 kg)
	Load Angle w/Shortest Body Length	41°	43°	41° or 43°
	Recommended Container Lengths*	16' to 20' (4.9 to 6.1 m)	16' to 20' (4.9 to 6.1 m)	16' to 20' (4.9 to 6.1 m)
	Recommended Flatbed Lengths**	16' to 22' (4.9 to 6.7 m)	16' to 22' (4.9 to 6.7 m)	16' to 22' (4.9 to 6.7 m)

*Assumes 2 ft. overhang

**Assumes 3 ft. overhang (May require bumper options)

***Weight Distribution Required

Cylinder Cycle Times:

Main Lift Cylinder Full Extend 20 seconds

Main Lift Cylinder Full Retract 48 seconds

Note: Times measured with hydraulic system producing 24GPM and an empty container.

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.

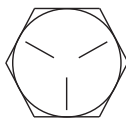
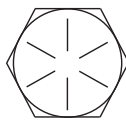
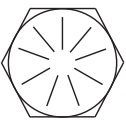
Therefore, the installer of Stellar® Hooklifts is considered one of the manufacturers of the vehicle. As such a manufacturer, the installer is responsible for compliance with all applicable federal and state regulations. They are required to certify that the vehicle is in compliance with the Federal 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.*

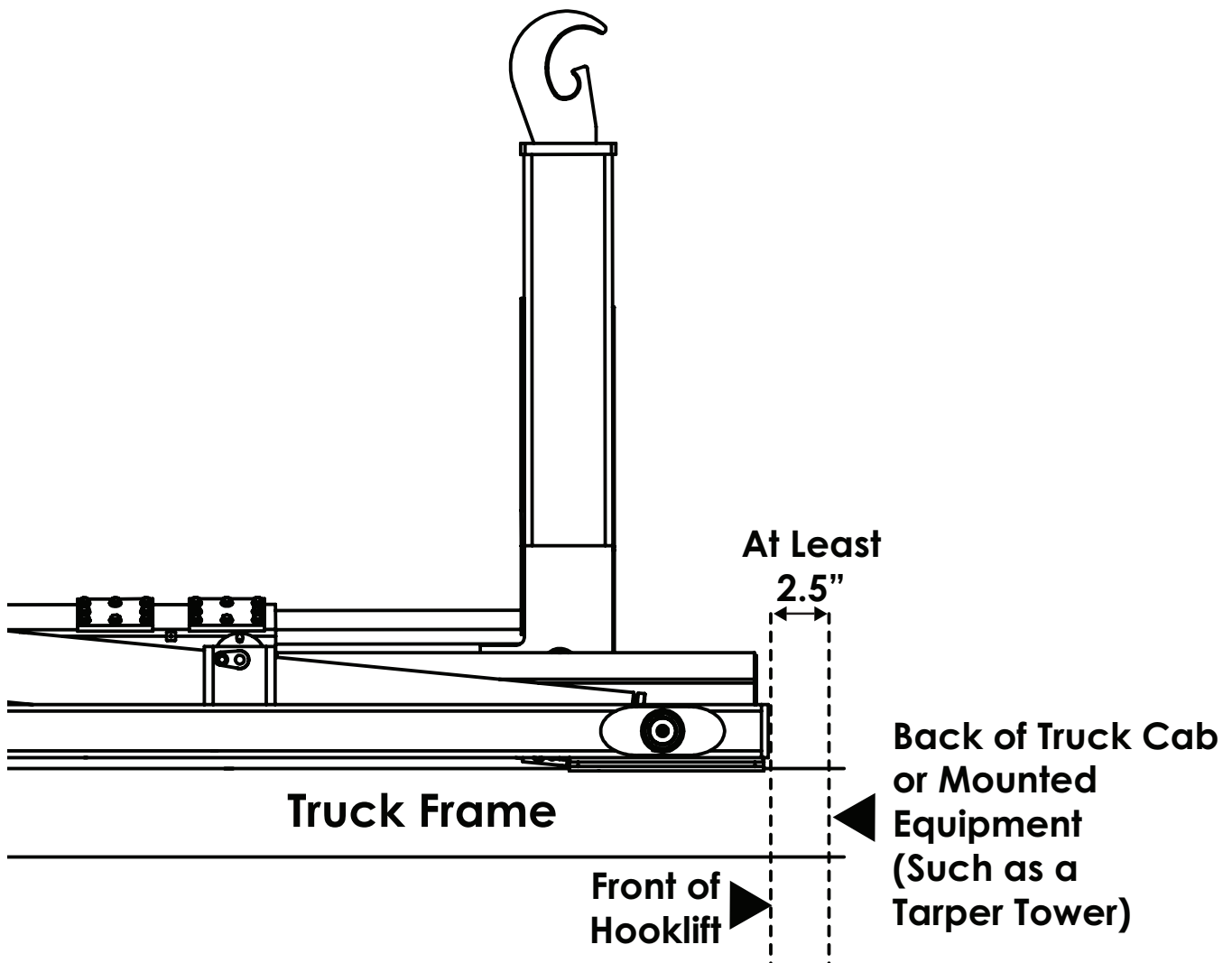
		GRADE 5		GRADE 8		GRADE 9
						
Size (DIA-TPI)	Bolt DIA (Inches)	Plain (Ft-Lb)	Plated (Ft-Lb)	Plain (Ft-Lb)	Plated (Ft-Lb)	Plated (Ft-Lb)
5/16-18	0.3125	17	13	25	18	22
3/8-16	0.3750	31	23	44	33	39
7/16-14	0.4375	49	37	70	52	63
1/2-13	0.5000	75	57	105	80	96
9/16-12	0.5625	110	82	155	115	139
5/8-11	0.6250	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.

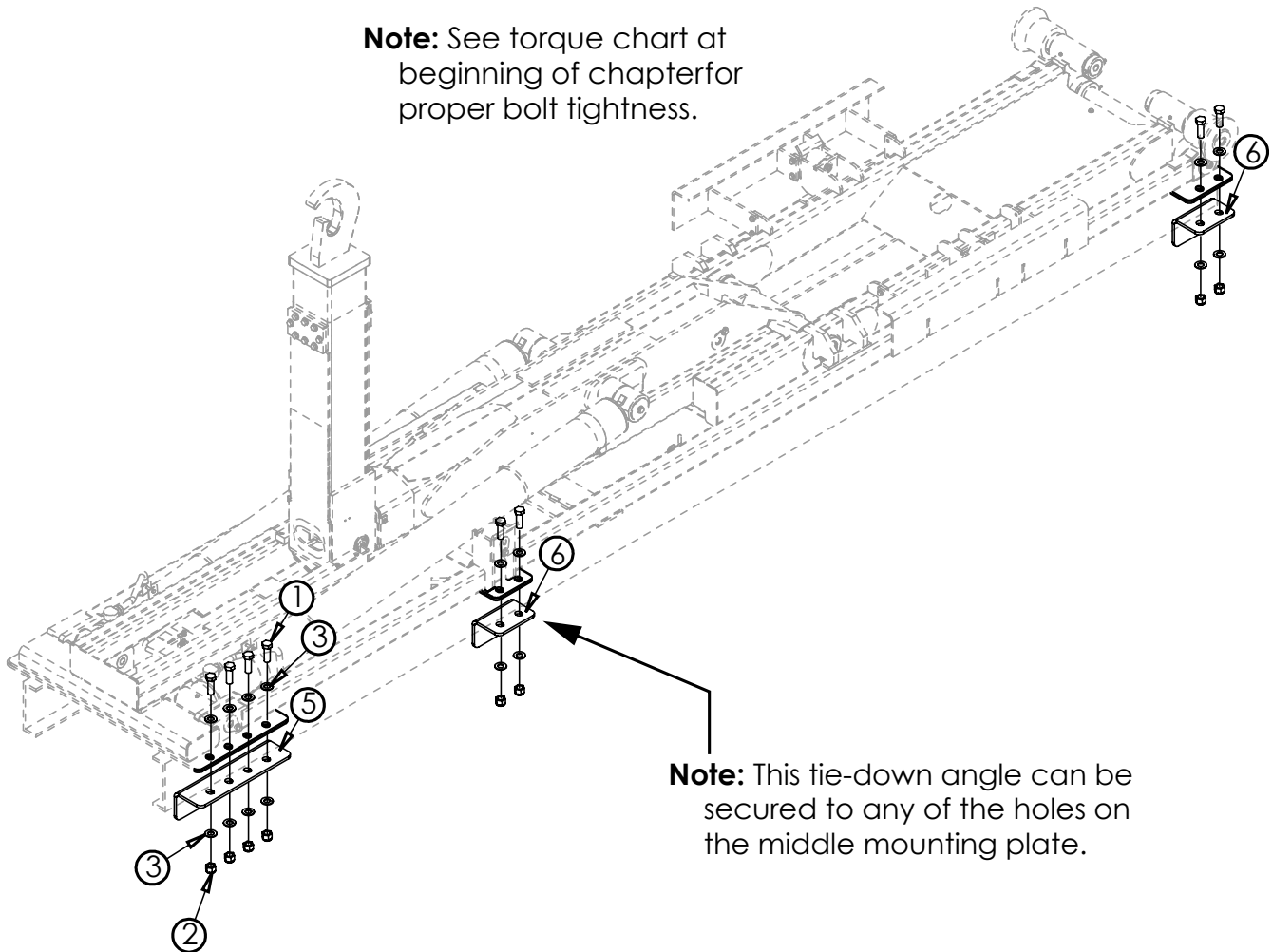
- Visually inspect the truck and look for any potential issues. For example: Clearance problems, cross members extending too high, insufficient room in front of the Slider for tarpers, exhaust manifolds, etc., or insufficient room in the rear to allow for bumper selection. *Note: Stellar Industries recommends 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.

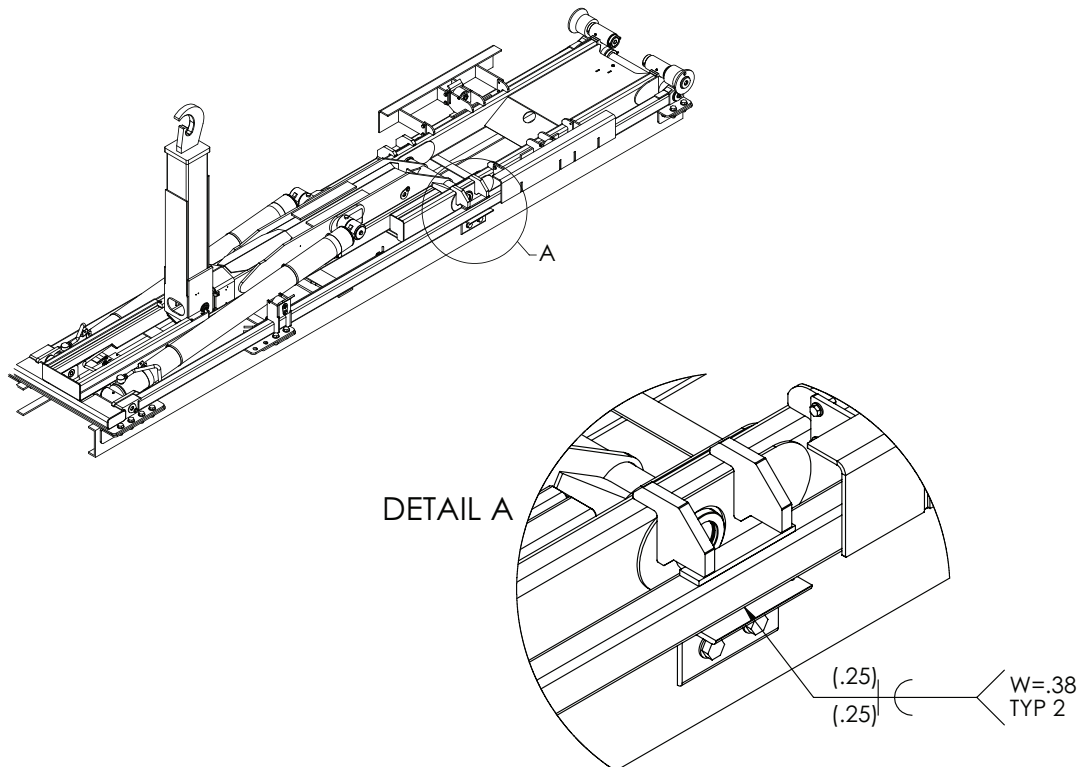
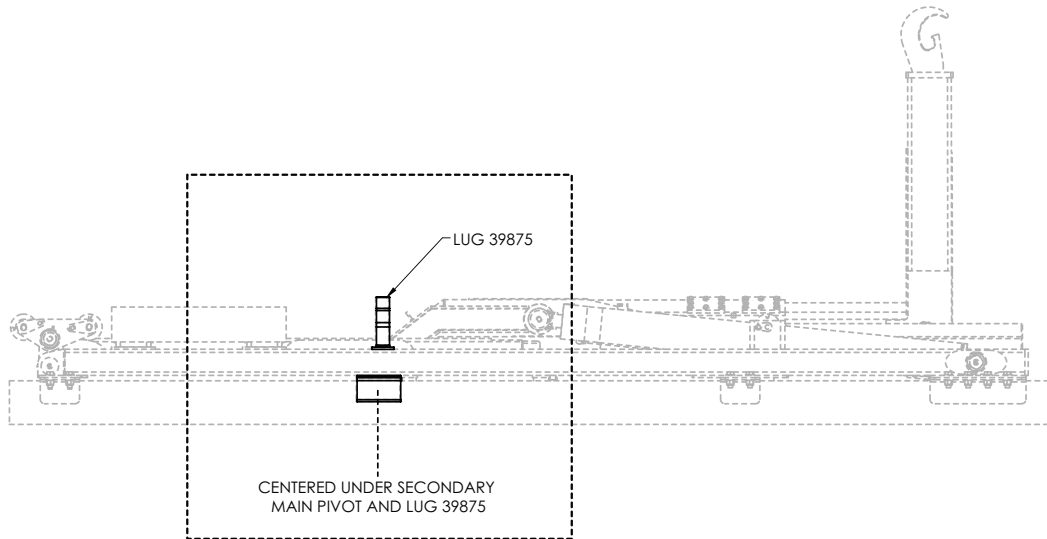


ITEM	PART No.	DESCRIPTION	QTY.
01	5199	CAP SCR 1.00-8X3.00 HHGR8	16
02	6294	NUT 1.00-8 HHGR8 NYLOC	16
03	6538	WASHER 1.00 SAE FLAT YELLOW GR8	32
05	75259	ANGLE FORMED 6.00X6.44X.50WX22.00 SLIDER50 MTG PC BLACK	2
06	75260	ANGLE FORMED 6.00X6.44X.50WX9.00 SLIDER50 MTG PC BLACK	4

Note: See Mounting Kit PN 75258 in this chapter for an overview of the mounting process.

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

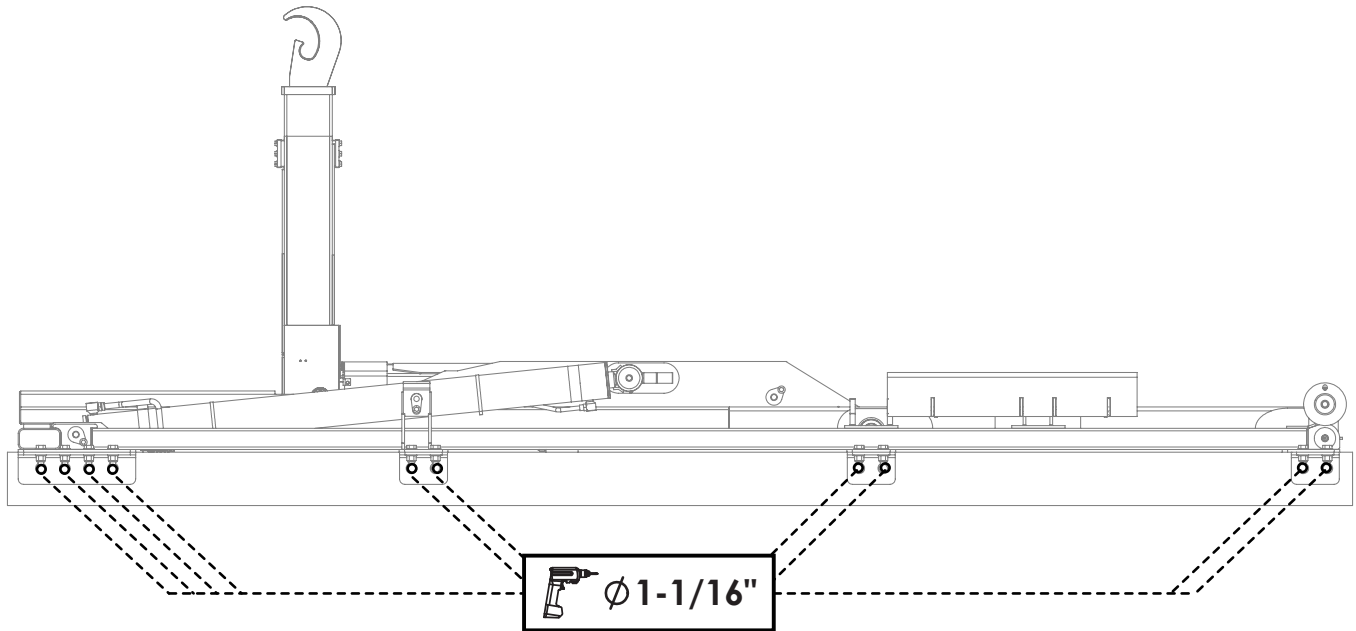
Center the final tie-down angle under the secondary main pivot and lug PN 39875. Weld the tie-down angle to the underside of base main rail (both sides):



Note: WELD ANGLE 39612PC TO BASE OF HOOKLIFT - LOCATION NOTES ON NEXT PAGE.

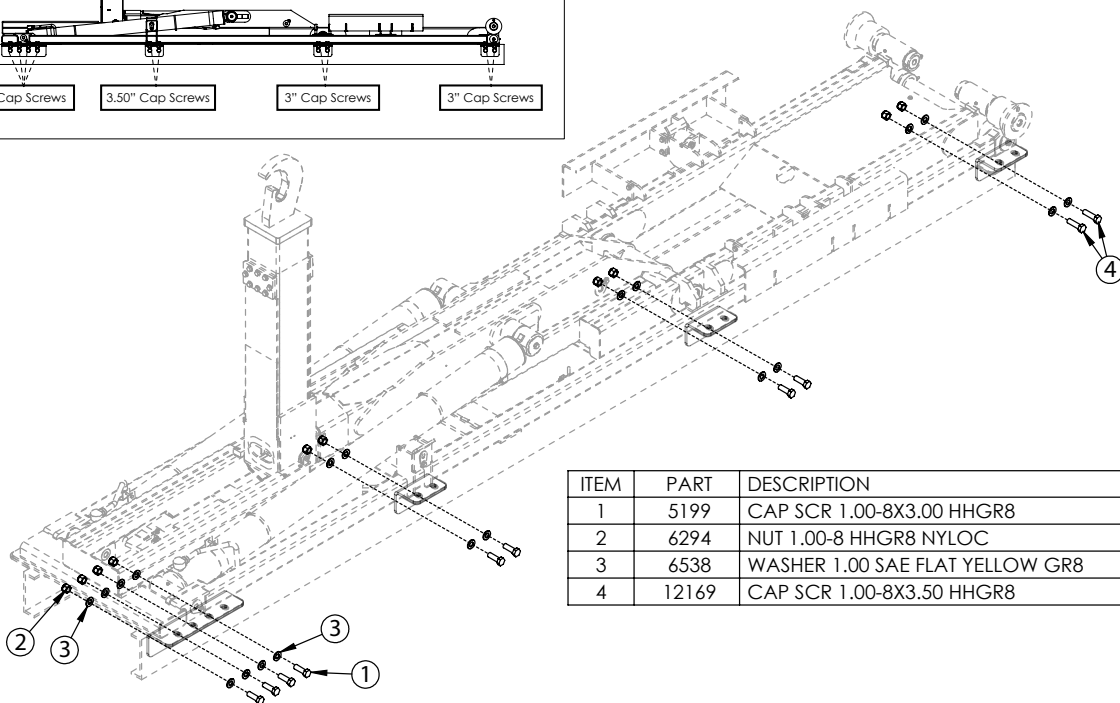
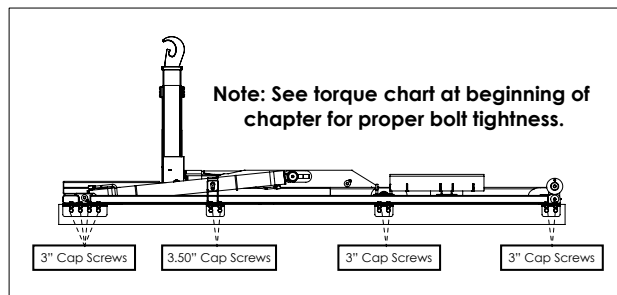
Step 4: Drill Mounting Holes into Frame Rail.

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



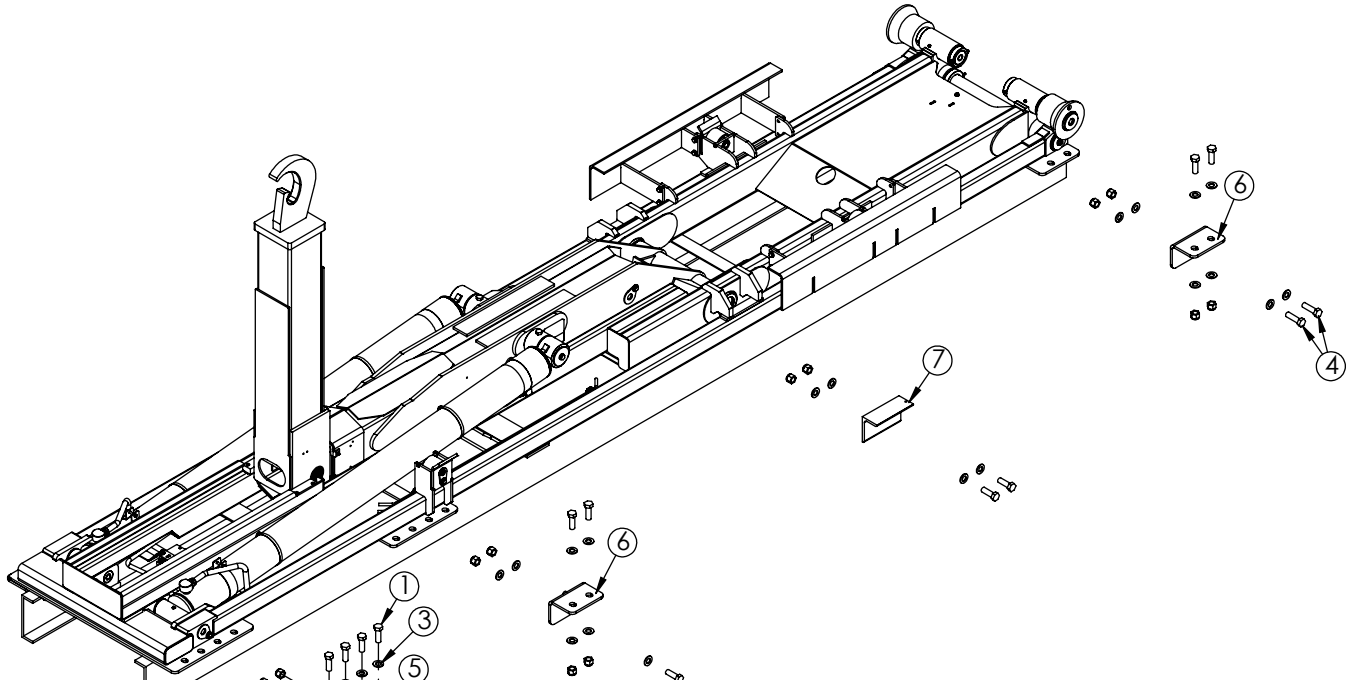
Step 5: Bolt Tie-Down Angles to Truck Frame.

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



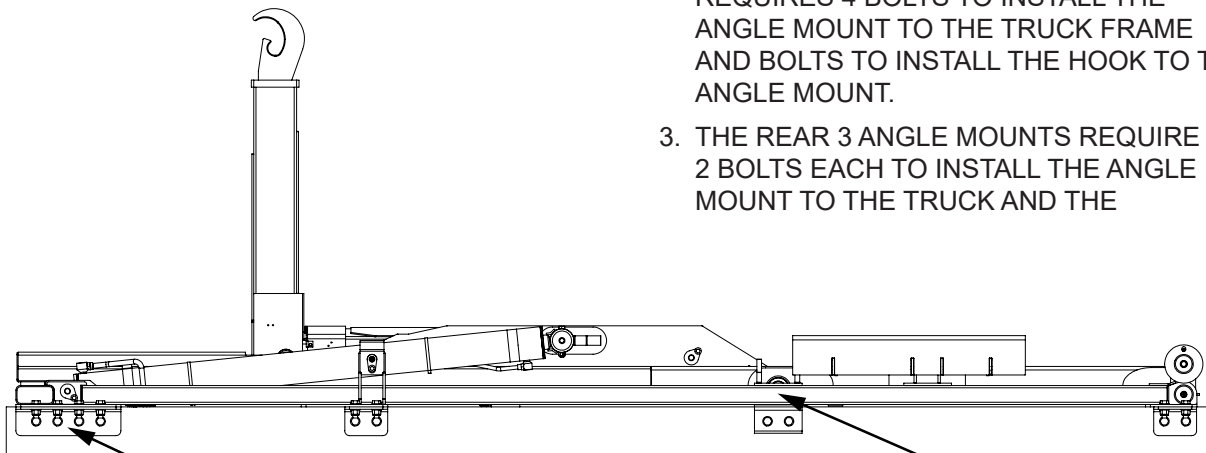
ITEM	PART	DESCRIPTION	QTY.
1	5199	CAP SCR 1.00-8X3.00 HHGR8	16
2	6294	NUT 1.00-8 HHGR8 NYLOC	20
3	6538	WASHER 1.00 SAE FLAT YELLOW GR8	40
4	12169	CAP SCR 1.00-8X3.50 HHGR8	4

Mounting Kit Overview - PN 75258



NOTE:

1. MULTIPLE SLOTS ARE PREDRILLED ON THE BASE MOUNTING FLATS, ADDITIONAL HOLES MAY NOT BE ADDED.
2. ONLY THE FRONT ANGLE MOUNT REQUIRES 4 BOLTS TO INSTALL THE ANGLE MOUNT TO THE TRUCK FRAME AND BOLTS TO INSTALL THE HOOK TO THE ANGLE MOUNT.
3. THE REAR 3 ANGLE MOUNTS REQUIRE 2 BOLTS EACH TO INSTALL THE ANGLE MOUNT TO THE TRUCK AND THE



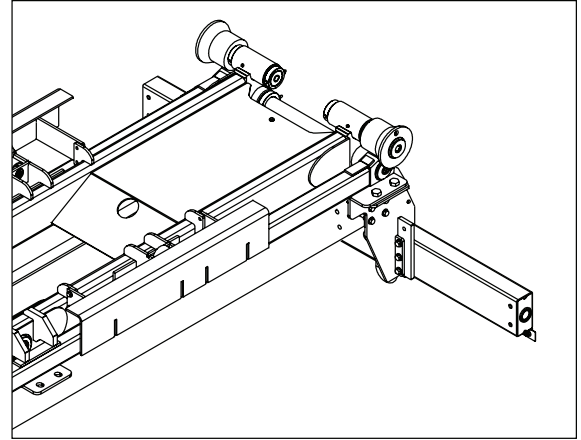
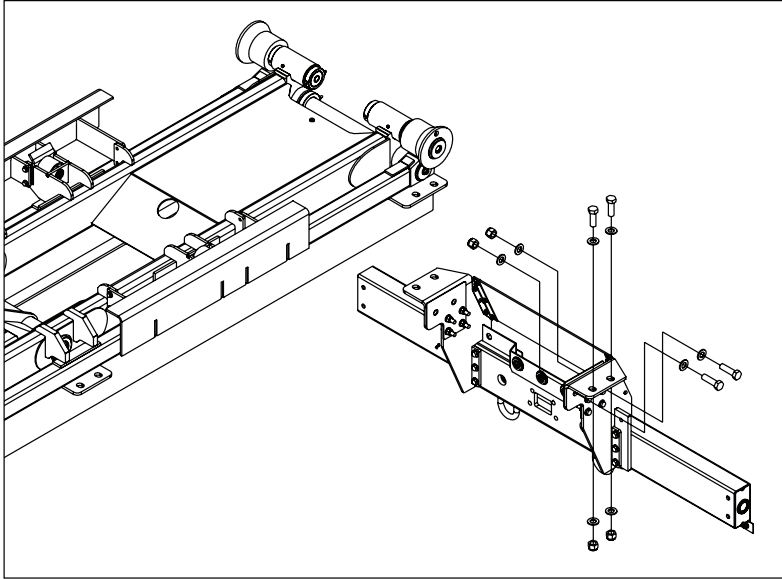
NOTE: FOR THE FRONT MOUNT FOUR BOLTS ARE REQUIRED FOR MOUNTING THE ANGLE TO THE HOOKLIFT BASE MOUNT AND FOUR BOLTS TO MOUNT THE ANGLE TO THE TRUCK FRAME.

NOTE: LOCATE ANGLE (PN 39612) CENTERED UNDER SECONDARY MAIN PIVOT AND LUG 39875

PN 75258

ITEM	PART No.	DESCRIPTION	QTY.
01	5199	CAP SCR 1.00-8X3.00 HHGR8	32
02	6294	NUT 1.00-8 HHGR8 NYLOC	36
03	6538	WASHER 1.00 SAE FLAT YELLOW GR8	72
04	12169	CAP SCR 1.00-8X3.50 HHGR8	4
05	75259	ANGLE FORMED 6.00X6.44X.50WX22.00 SLIDER50 MTG PC BLACK	2
06	75260	ANGLE FORMED 6.00X6.44X.50WX9.00 SLIDER50 MTG PC BLACK	4
07	39612	ANGLE TIE DOWN 6.00X4.00X0.50X10.00 PC BLACK	2

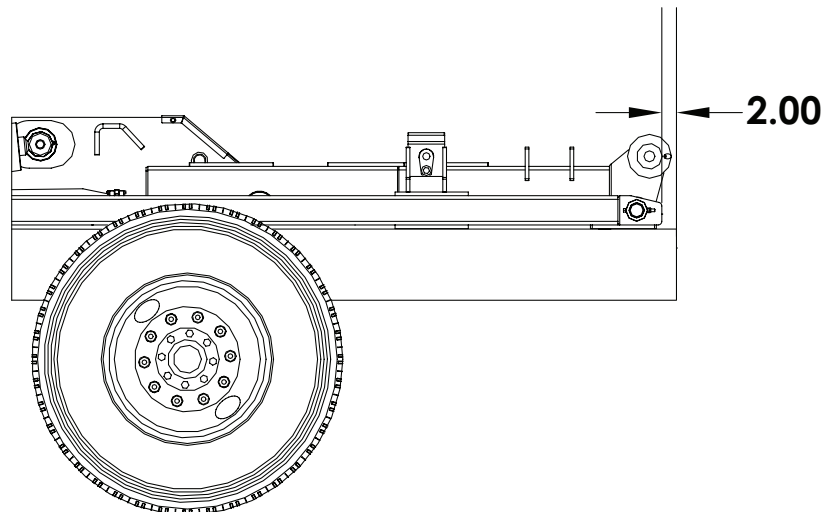
Mounting Kit Overview - PN 75258 continued...



Note: The two rear angles (PN 75260) are not required when installing with Pintle Bumper - PN 76381 (See bumper assembly breakdown in Chapter 3 for details).

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.



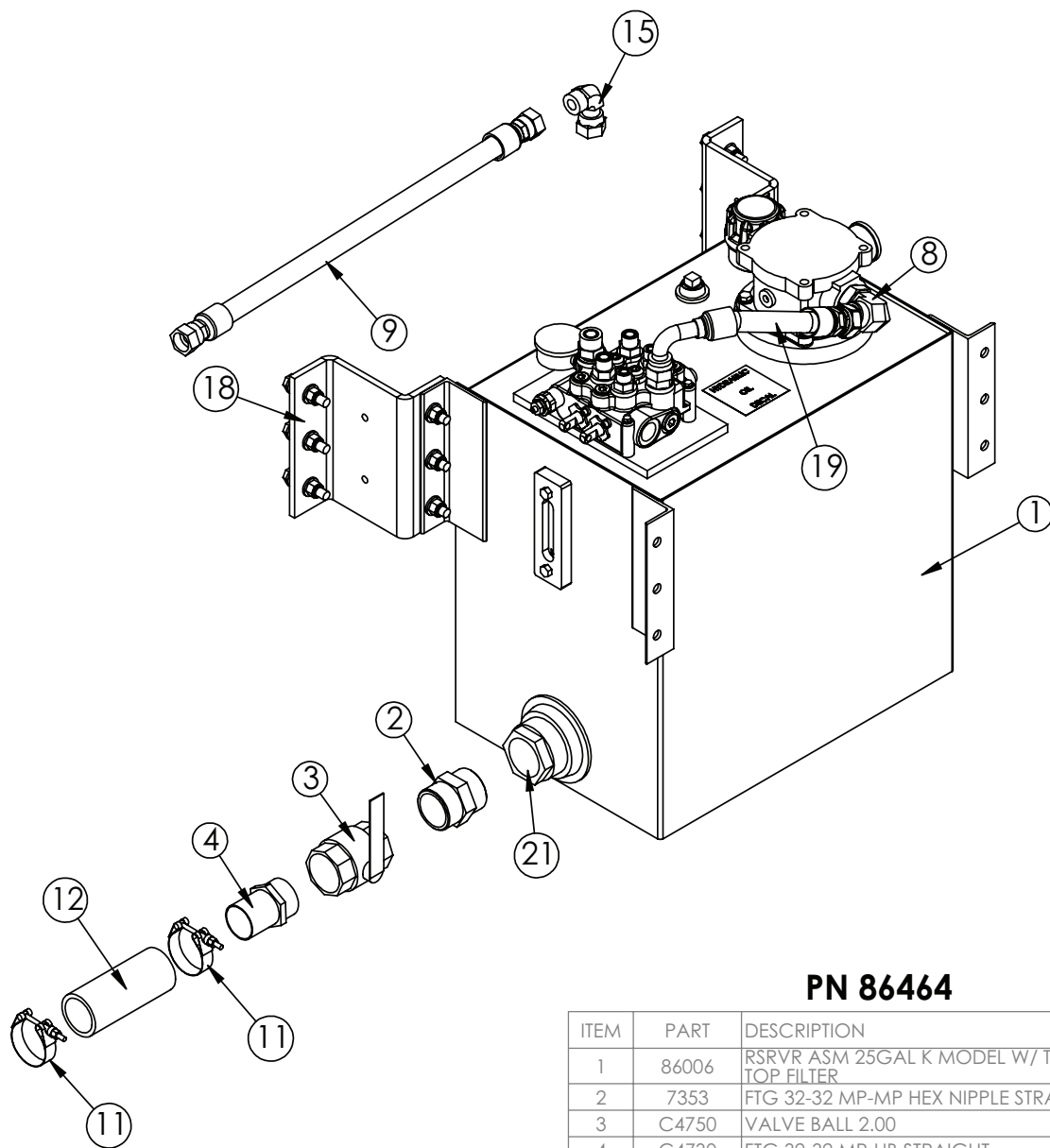
Step 7: Install taper tower (If applicable).

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-12-12-120)	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

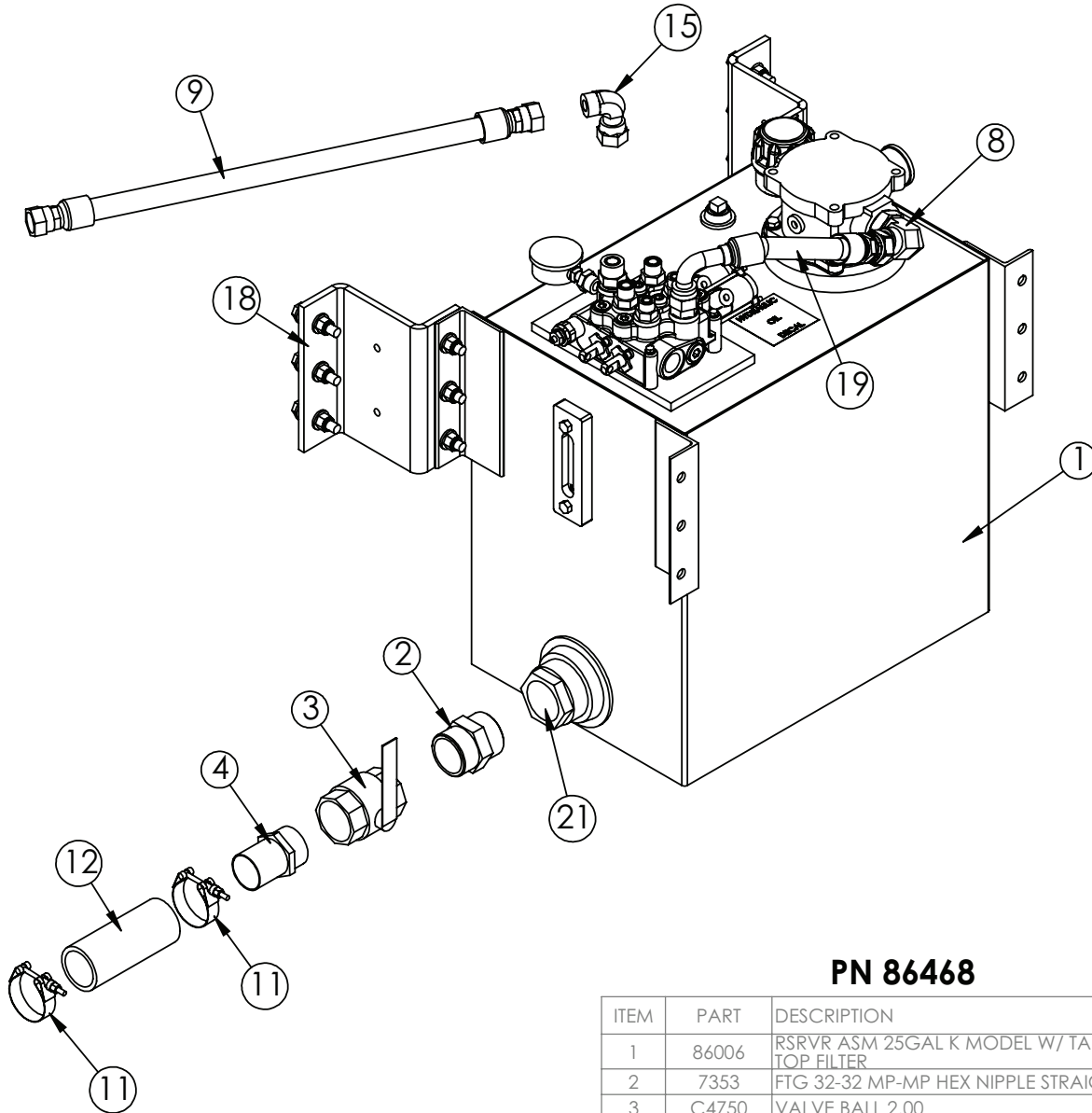
NOTE: ITEMS NOT SHOWN
25941 - DECAL LOADER VB VDM8 HOSE LOACTION X 1
42971 - DECAL OIL FILTER CHANGE X 1

ITEM	PART	DESCRIPTION
1	86006	RSRVR ASM 25GAL K MODEL W/ TOP FILTER
2	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT
3	C4750	VALVE BALL 2.00
4	C4730	FTG 32-32 MP-HB STRAIGHT
5	38230	VR 3-SECT VDM8

ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRV R 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)-16FFSS 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

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Reservoir Assembly (2 Section Air Controls) - PN 86468



PN 86468

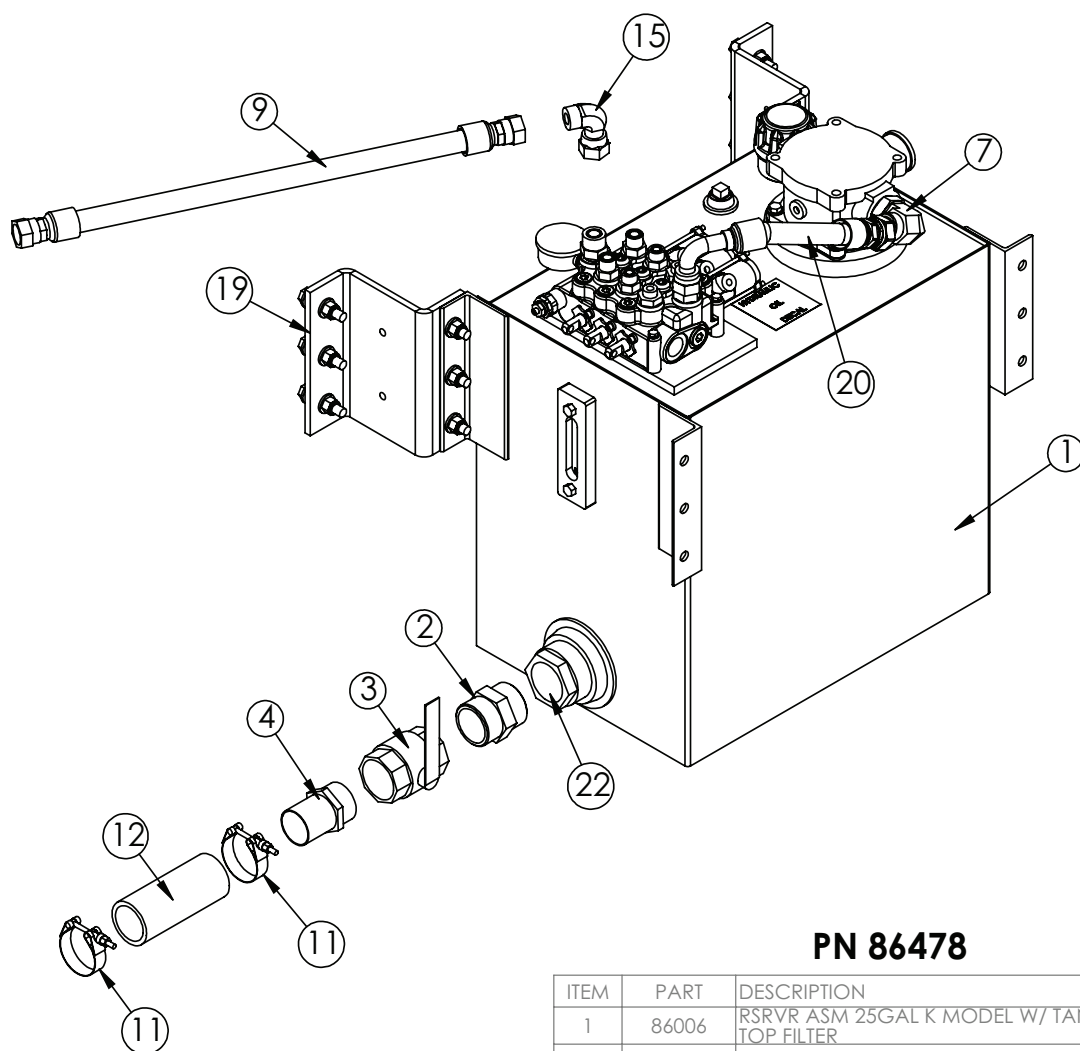
ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
2	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
3	C4750	VALVE BALL 2.00	1
4	C4730	FTG 32-32 MP-HB STRAIGHT	1
5	25940	VB 2-SECTION VDM8 W/AIR ACTUATORS	1
6	0521	WASHER 0.25 LOCK	3
7	0339	CAP SCR 0.25-20X2.50 HHGR5	3
8	60395	FTG 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)-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 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

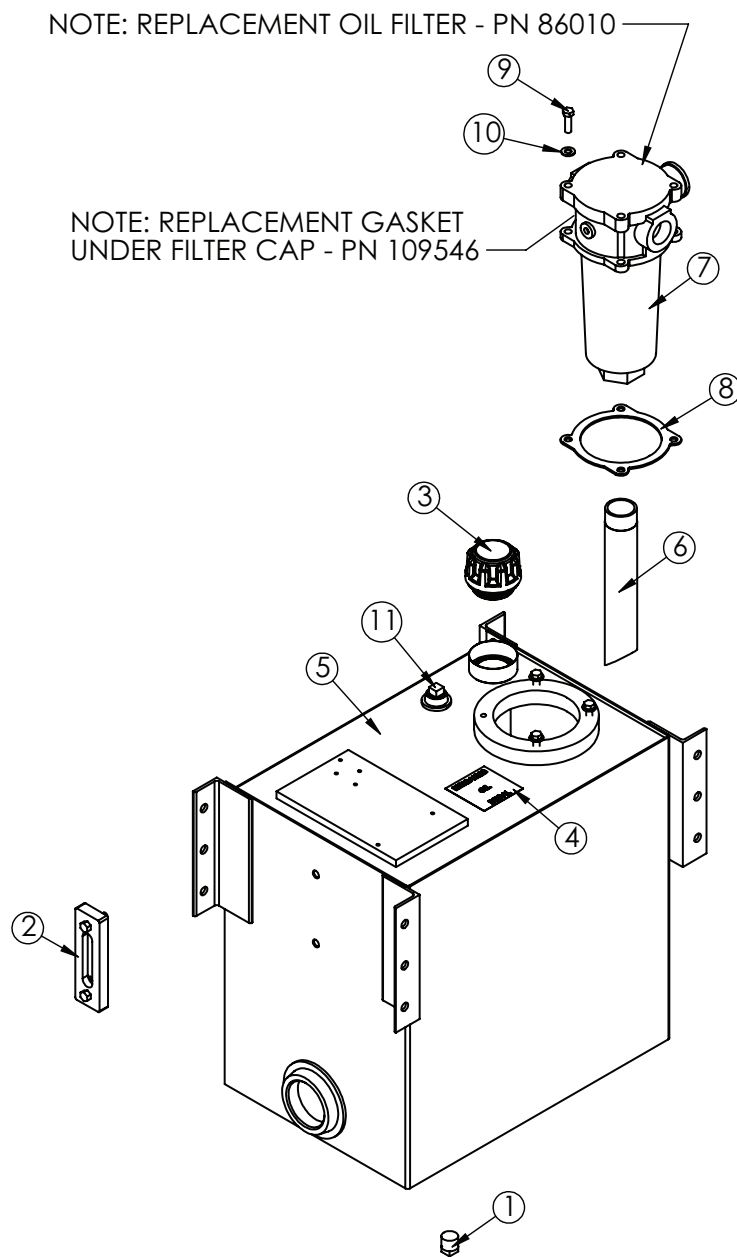
NOTE: ITEMS NOT SHOWN

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



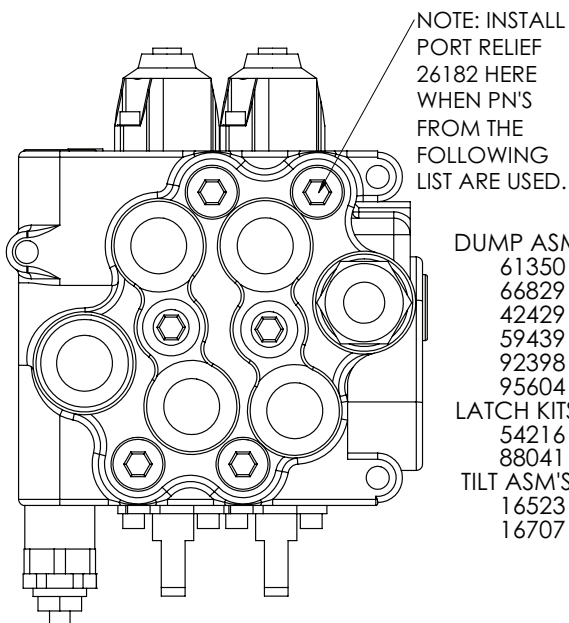
PN 86006

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 9: Install hydraulic reservoir and valve bank

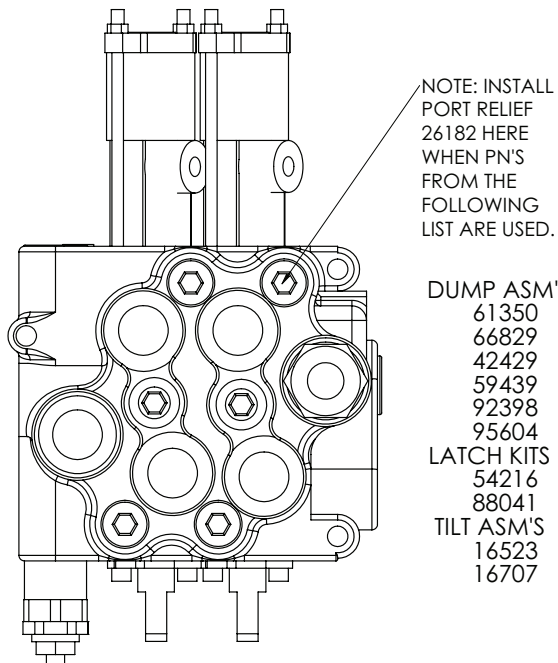
2 Section Valve Bank

Cable Controls



DUMP ASM'S
61350
66829
42429
59439
92398
95604
LATCH KITS
54216
88041
TILT ASM'S
16523
16707

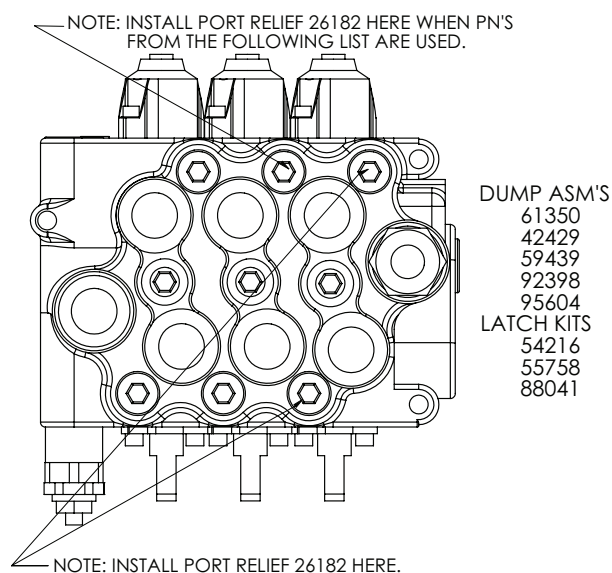
Air Controls



DUMP ASM'S
61350
66829
42429
59439
92398
95604
LATCH KITS
54216
88041
TILT ASM'S
16523
16707

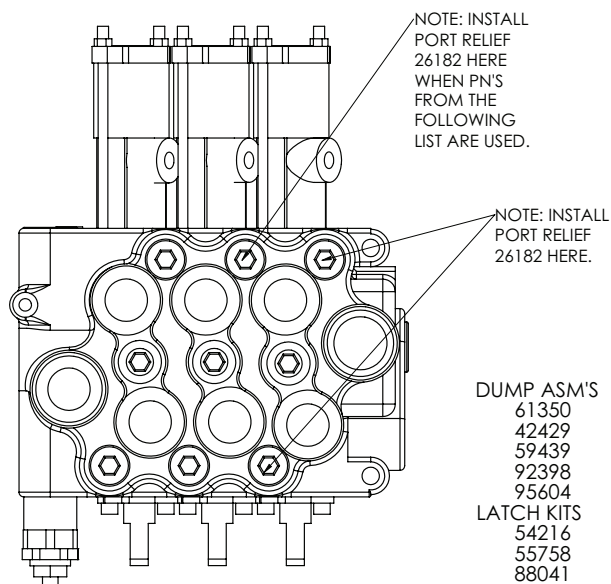
3 Section Valve Bank

Cable Controls



DUMP ASM'S
61350
42429
59439
92398
95604
LATCH KITS
54216
55758
88041

Air Controls



DUMP ASM'S
61350
42429
59439
92398
95604
LATCH KITS
54216
55758
88041

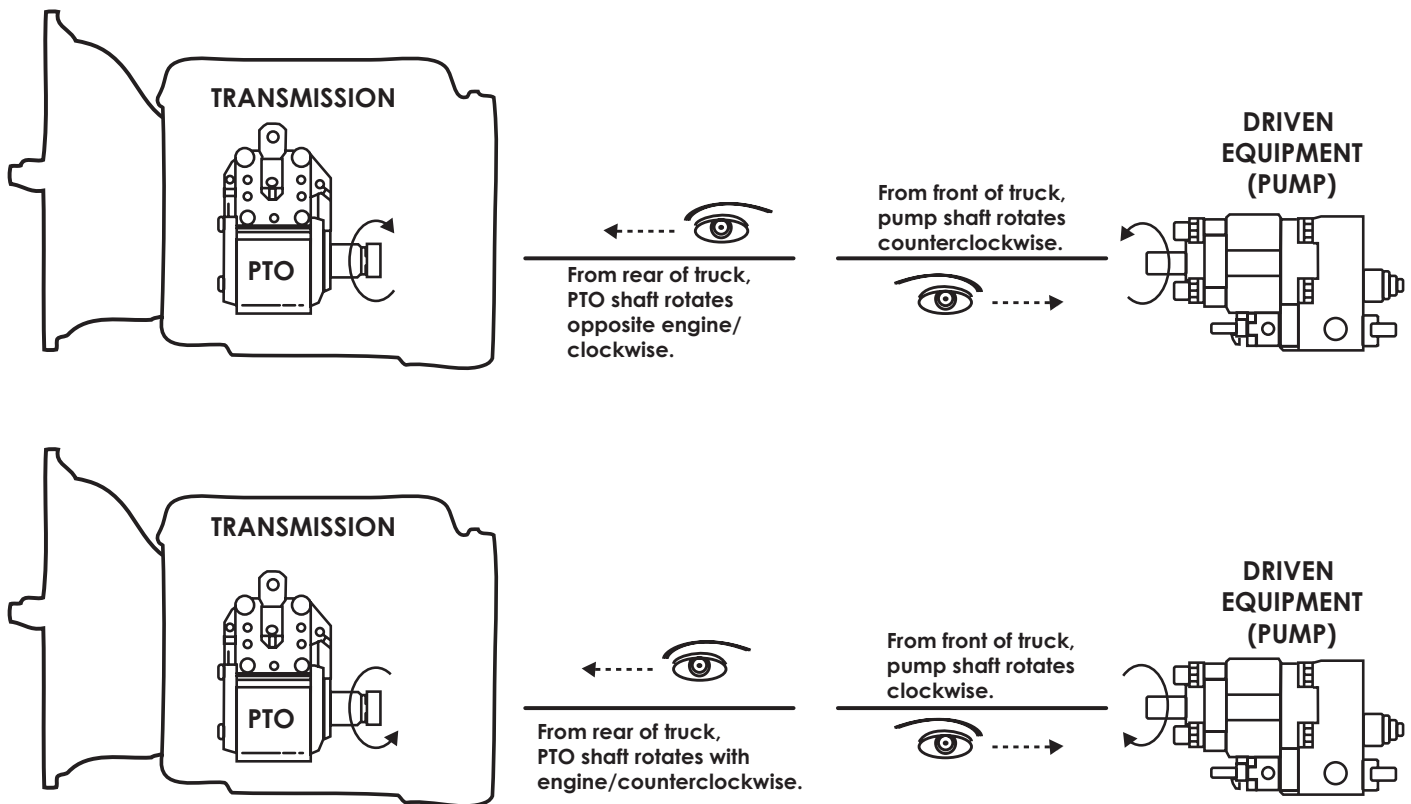
Step 10: Install PTO and pump.

- 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 11: Route hydraulic hoses.

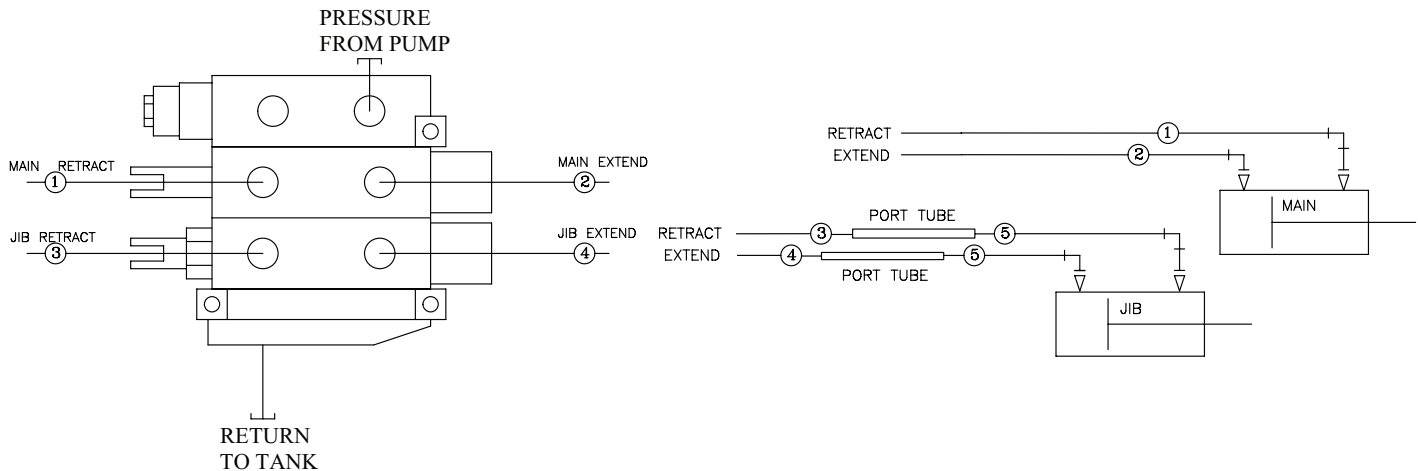
1. Route hose line from the reservoir to the pump (See hose kit drawing for details).
2. Route hose line from the pump to the valve bank (See hose kit drawing for details).
3. Route hose line from the valve bank to the reservoir (See hose kit drawing for details).
4. Route hose line from the valve bank 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 75764 (Fixed Hook Height Models)

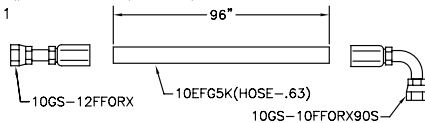


PN 75764

ITEM	PART No.	DESCRIPTION	QTY
05	73052	HOSE 0.50(4500PSI)-8FFSS 90 SHORT-8MFS-240CL	2
04	70412	HOSE 0.50(4500PSI)-8FFSS 90 LONG-8MFS-96CL	1
03	59882	HOSE 0.50(4500PSI)-8FFSS 90 SHORT-8MFS-96CL	1
02	70411	HOSE 0.63(4500PSI)-12FFSS-10FFSS 90 LONG-96CL	1
01	70410	HOSE 0.63(4500PSI)-12FFSS-10FFSS 90 SHORT-96CL	1

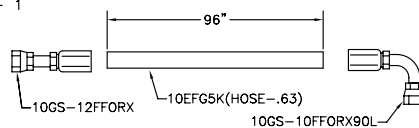
NOTE: SYSTEM PRESSURE IS 4500 P.S.I.

STELLAR #70410 -0.63(4500PSI)-12FFSS-10FFSS 90 SHORT-96CL
QTY - 1



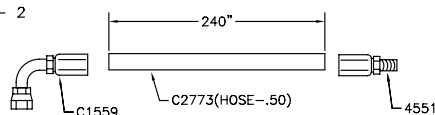
FUNCTION: VALVE BANK (MAIN RETRACT) TO MAIN CYL.

STELLAR #70411 -0.63(4500PSI)-12FFSS-10FFSS 90 LONG-96CL
QTY - 1



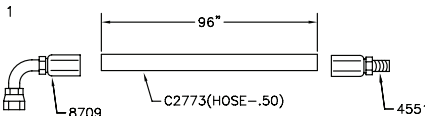
FUNCTION: VALVE BANK (MAIN EXTEND) TO MAIN CYL.

STELLAR #73052 -0.50(4500PSI)-8FFSS 90 SHORT-8MFS-240CL
QTY - 2



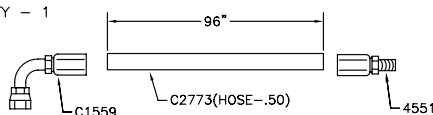
FUNCTION: PORT TUBE TO JIB CYL.

STELLAR #70412 -0.50(4500PSI)-8FFSS 90 LONG-8MFS-96CL
QTY - 1



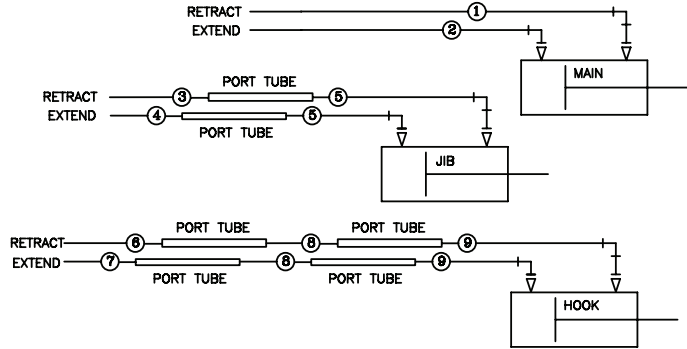
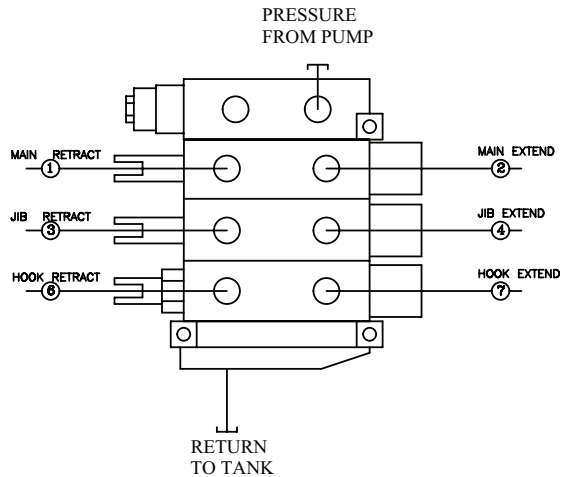
FUNCTION: VALVE BANK (JIB EXTEND) TO PORT TUBE

STELLAR #59882 -0.50(4500PSI)-8FFSS 90 SHORT-8MFS-96CL
QTY - 1



FUNCTION: VALVE BANK (JIB RETRACT) TO PORT TUBE

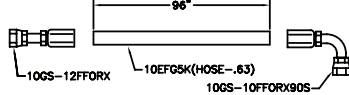
Hose Kit - PN 84957 (Adjustable Hook Height Models)



09	84946	HOSE 0.25(3000PSI)-4FFSS SHORT-4MFS-93CL	2
08	84951	HOSE 0.25(3000PSI)-4MFS-4MFS-228CL	2
07	84947	HOSE 0.25(3000PSI)-6FFSS 90 SHORT-4MFS-95CL	1
06	84948	HOSE 0.25(3000PSI)-6FFSS 90 LONG-4MFS-95CL	1
05	73052	HOSE 0.50(4500PSI)-8FFSS 90 SHORT-8MFS-240CL	2
04	70412	HOSE 0.50(4500PSI)-8FFSS 90 LONG-8MFS-96CL	1
03	59882	HOSE 0.50(4500PSI)-8FFSS 90 SHORT-8MFS-96CL	1
02	70411	HOSE 0.63(4500PSI)-12FFSS-10FFSS 90 LONG-96CL	1
01	70410	HOSE 0.63(4500PSI)-12FFSS-10FFSS 90 SHORT-96CL	1
ITEM	PART No.	DESCRIPTION	QTY

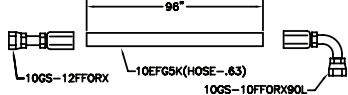
NOTE: SYSTEM PRESSURE IS 4500 P.S.I.

STELLAR #70410 -0.63(4500PSI)-12FFSS-10FFSS 90 SHORT-96CL
QTY - 1



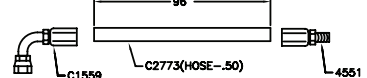
FUNCTION: VALVE BANK (MAIN RETRACT) TO MAIN CYL.

STELLAR #70411 -0.63(4500PSI)-12FFSS-10FFSS 90 LONG-96CL
QTY - 1



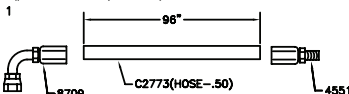
FUNCTION: VALVE BANK (MAIN EXTEND) TO MAIN CYL.

STELLAR #59882 -0.50(4500PSI)-8FFSS 90 SHORT-8MFS-96CL
QTY - 1



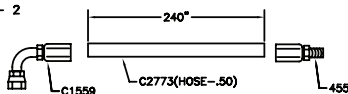
FUNCTION: VALVE BANK (JIB RETRACT) TO PORT TUBE

STELLAR #70412 -0.50(4500PSI)-8FFSS 90 LONG-8MFS-96CL
QTY - 1



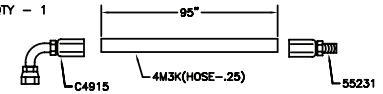
FUNCTION: VALVE BANK (JIB EXTEND) TO PORT TUBE

STELLAR #73052 -0.50(4500PSI)-8FFSS 90 SHORT-8MFS-240CL
QTY - 2



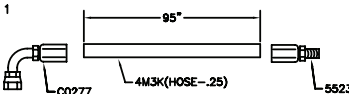
FUNCTION: PORT TUBE TO JIB CYL.

STELLAR #84948 -0.25(3000PSI)-6FFSS 90 LONG-4MFS-95CL
QTY - 1



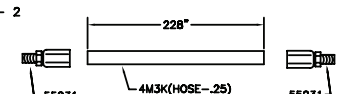
FUNCTION: VALVE BANK (HOOK RETRACT) TO PORT TUBE

STELLAR #84947 -0.25(3000PSI)-6FFSS 90 SHORT-4MFS-95CL
QTY - 1



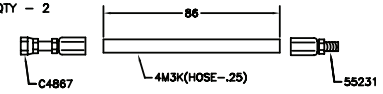
FUNCTION: VALVE BANK (HOOK EXTEND) TO PORT TUBE

STELLAR #84951 -0.25(3000PSI)-4MFS-4MFS-228CL
QTY - 2



FUNCTION: HOOK HEIGHT PORT TUBE TO PORT TUBE

STELLAR #84946 -0.25(3000PSI)-4FFSS SHORT-4MFS-93CL
QTY - 2

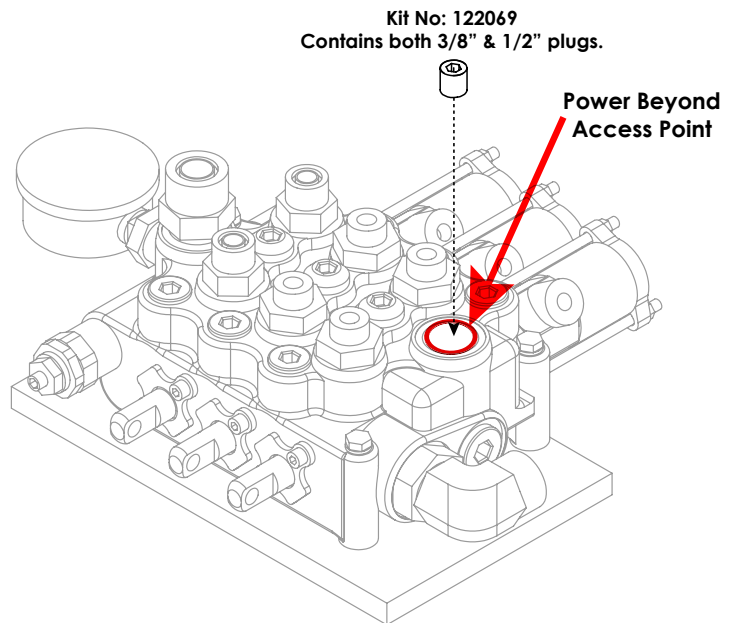


FUNCTION: HOOK HEIGHT CYLINDER TO PORT TUBE (EXT. AND RET.)

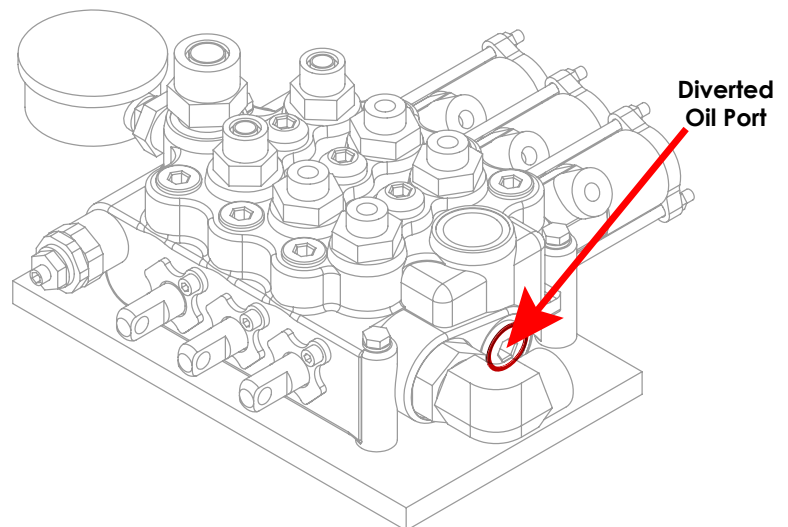
Power Beyond VDM8 Valve

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.)



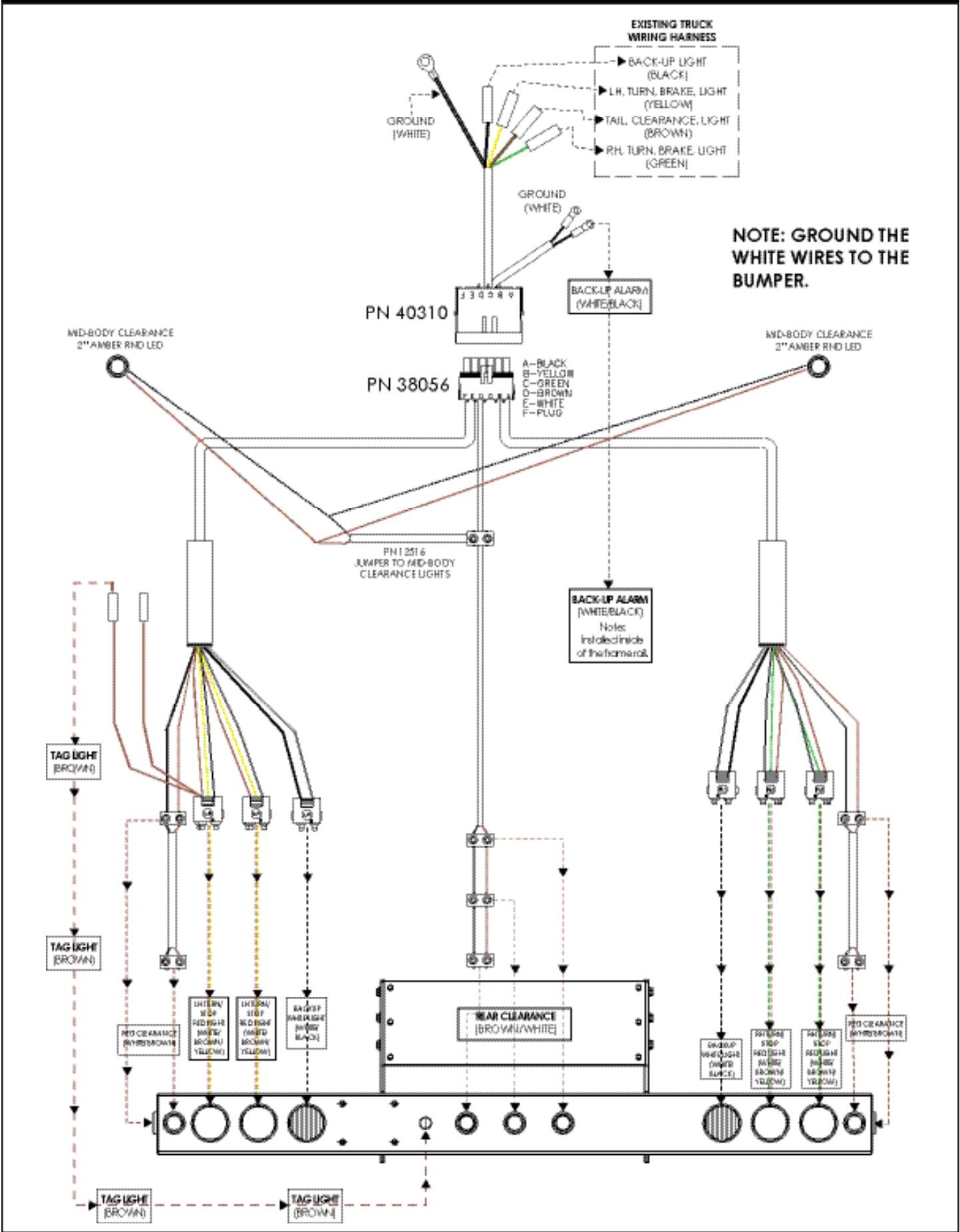
3. The Power Beyond feature is now activated and will divert oil to alternate system via the port shown.



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 12: Route Electrical Components

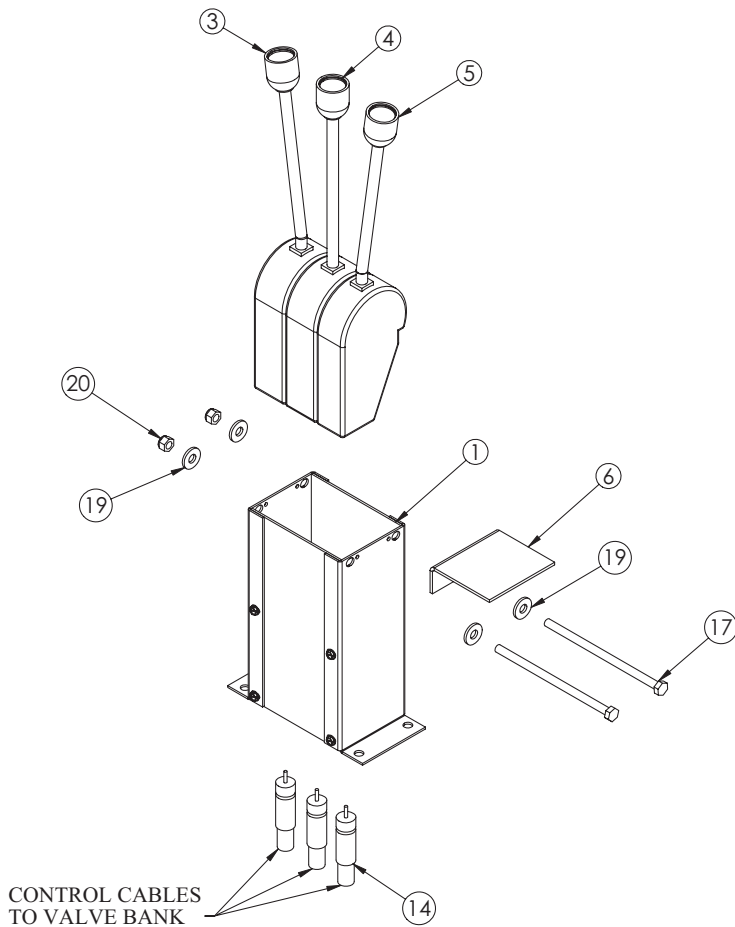


Step 13: Install cab and PTO controls.

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

Cable Controls

In Cab Installation

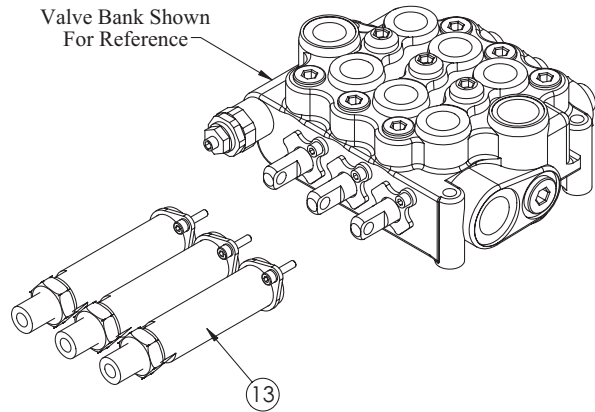


2 SECTION 3 SECTION

96 INCH	PN 55534	PN 54746
144 INCH	PN 55540	PN 54747
192 INCH	PN 55541	PN 54748

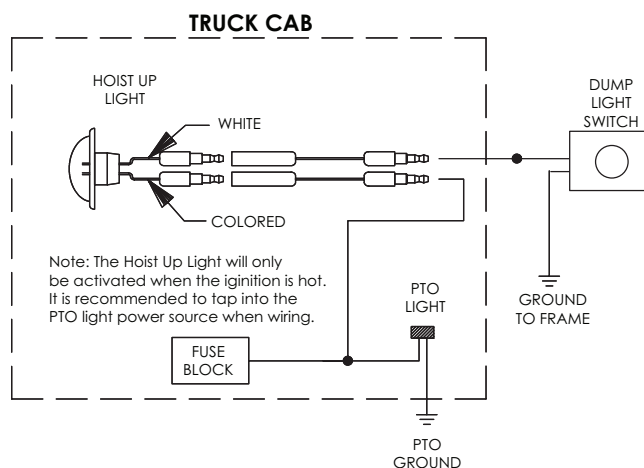
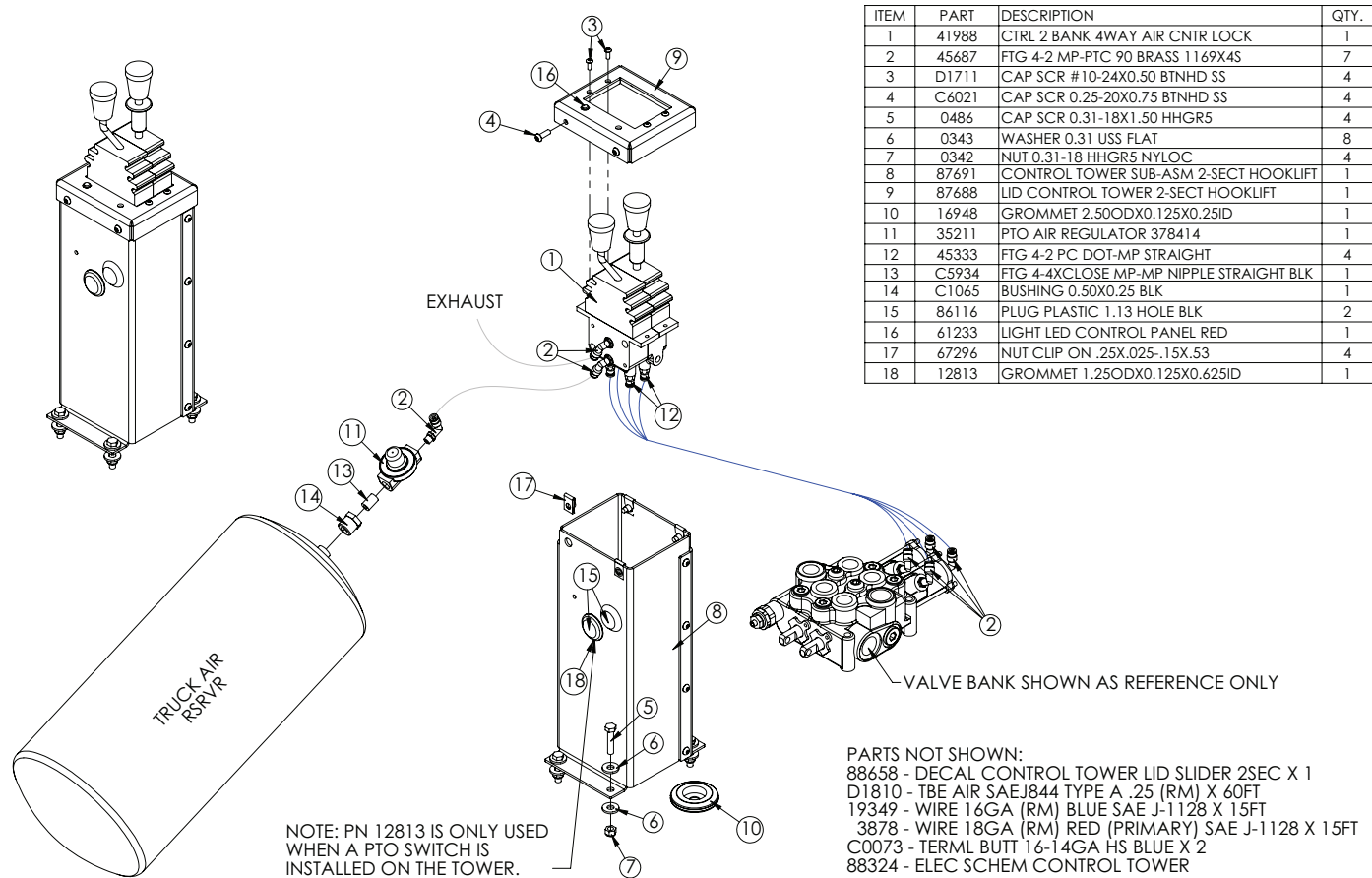
At Valve Installation

Valve Bank Shown
For Reference



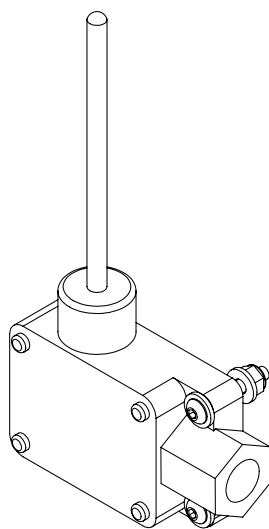
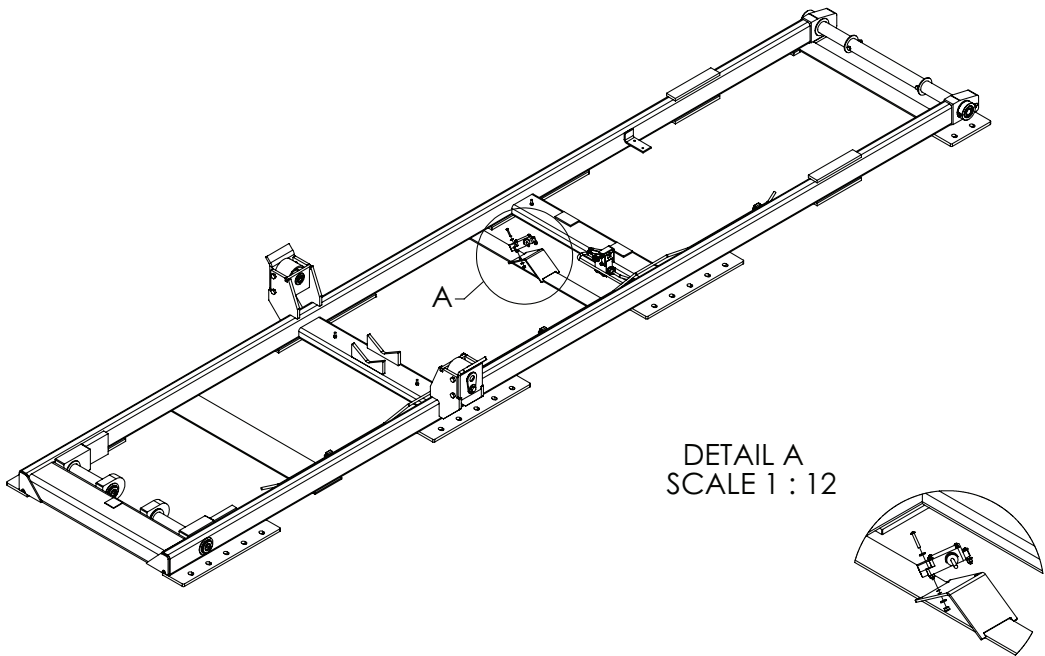
ITEM	PART	DESCRIPTION	QTY.
1	38351	VALVE CTRL CONSOLE 3LEVER RVC (3 Section Only)	1
1	37470	VALVE CTRL CONSOLE 2LEVER RVC (2 Section Only)	1
3	37475	CONTROLLER CTR LOCK LEFT BEND	1
4	37476	CONTROLLER CTR LOCK NO BEND (3 Section Only)	1
5	37474	CONTROLLER CTR LOCK RIGHT BEND	1
6	25933	BRKT CONTROLLER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



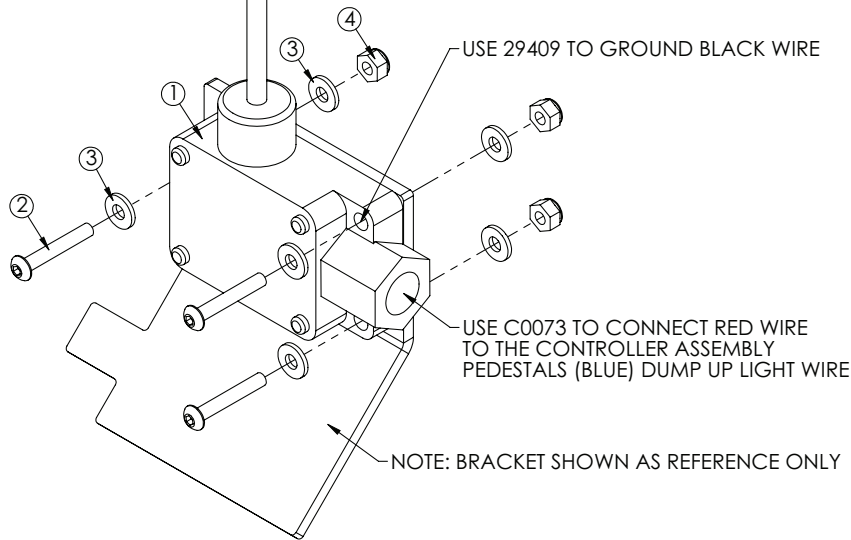
Step 14: Install Hoist Up Light Sensor - PN 83115

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



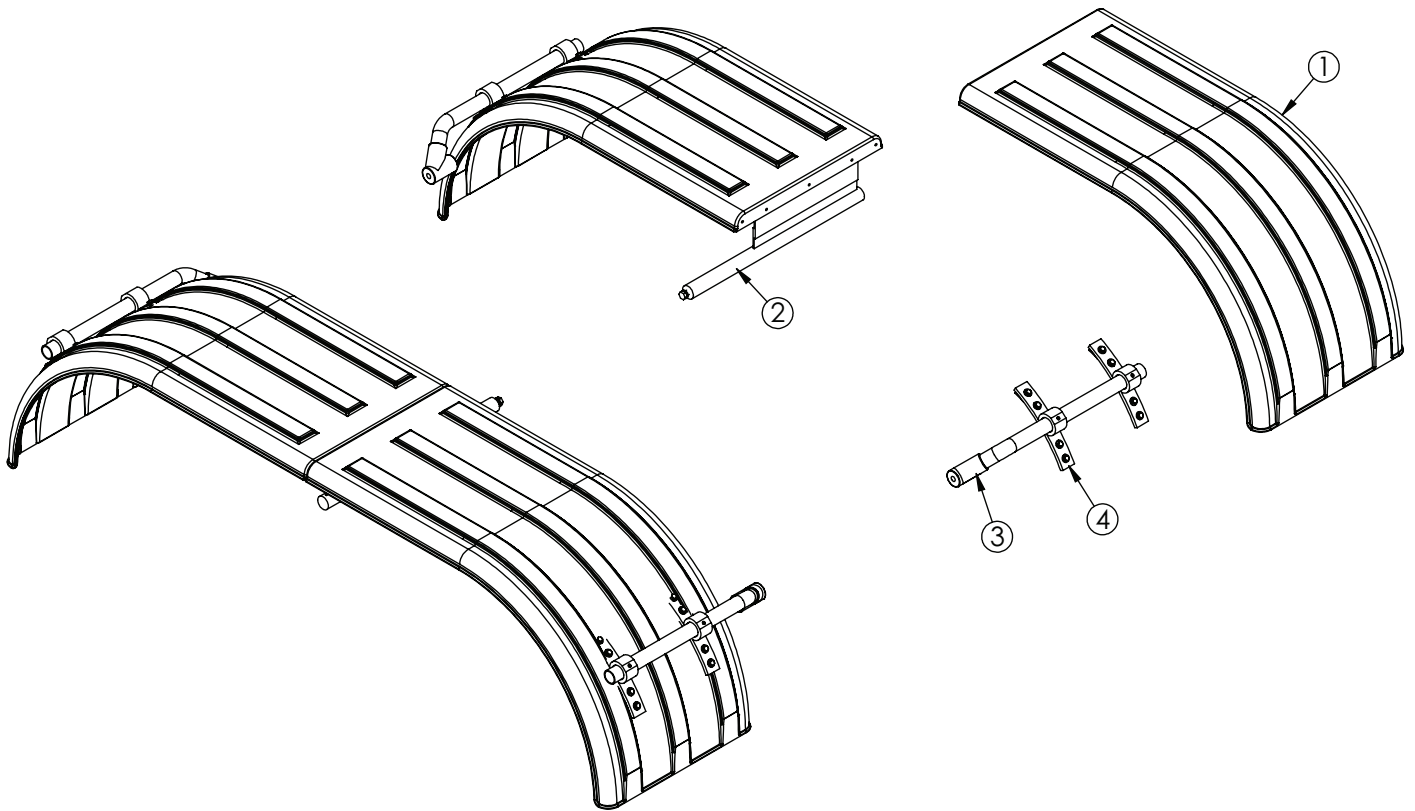
ITEM	PART	DESCRIPTION	QTY.
1	45907	SWITCH REMOTE KP60	1
2	30472	CAP SCR #10-24X1.25 BTNHD SS	3
3	D0178	WASHER #10 SAE FLAT	6
4	26034	NUT #10-24 HH NYLOC	3

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



Step 15: Install mud flaps and fenders.

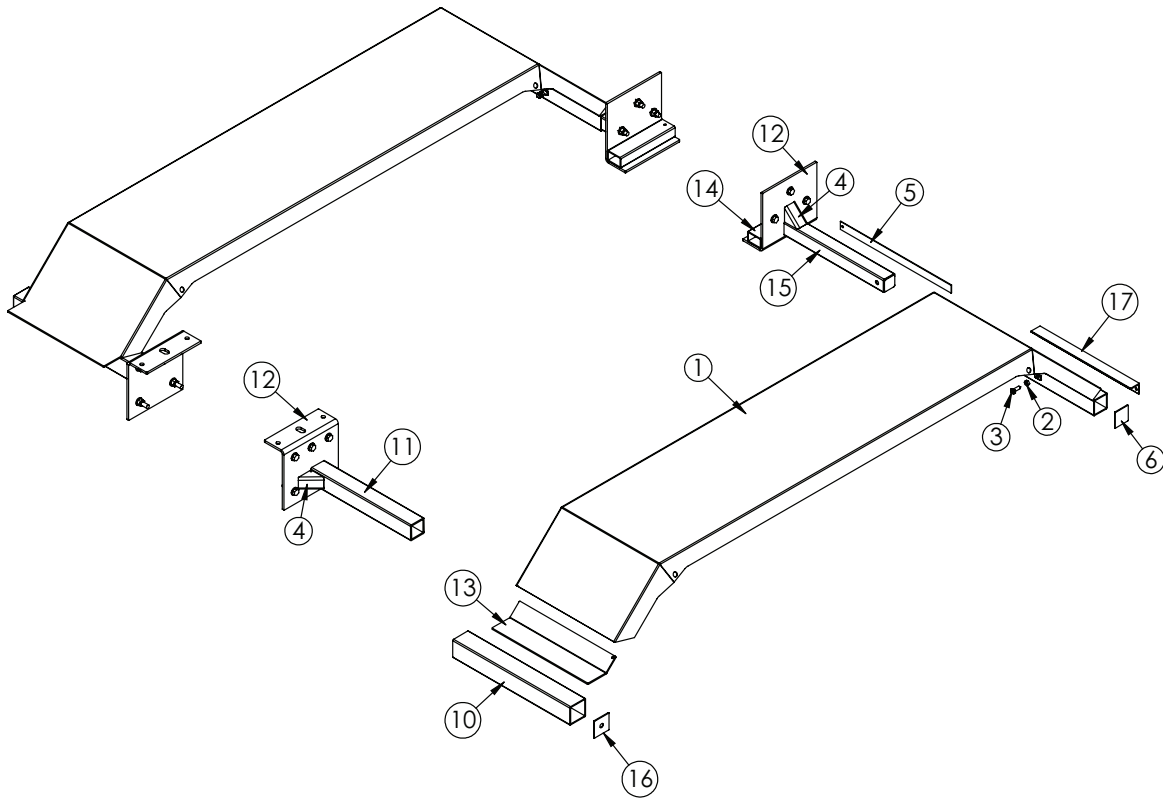
Poly Tandem Fender Assembly - PN 58217



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

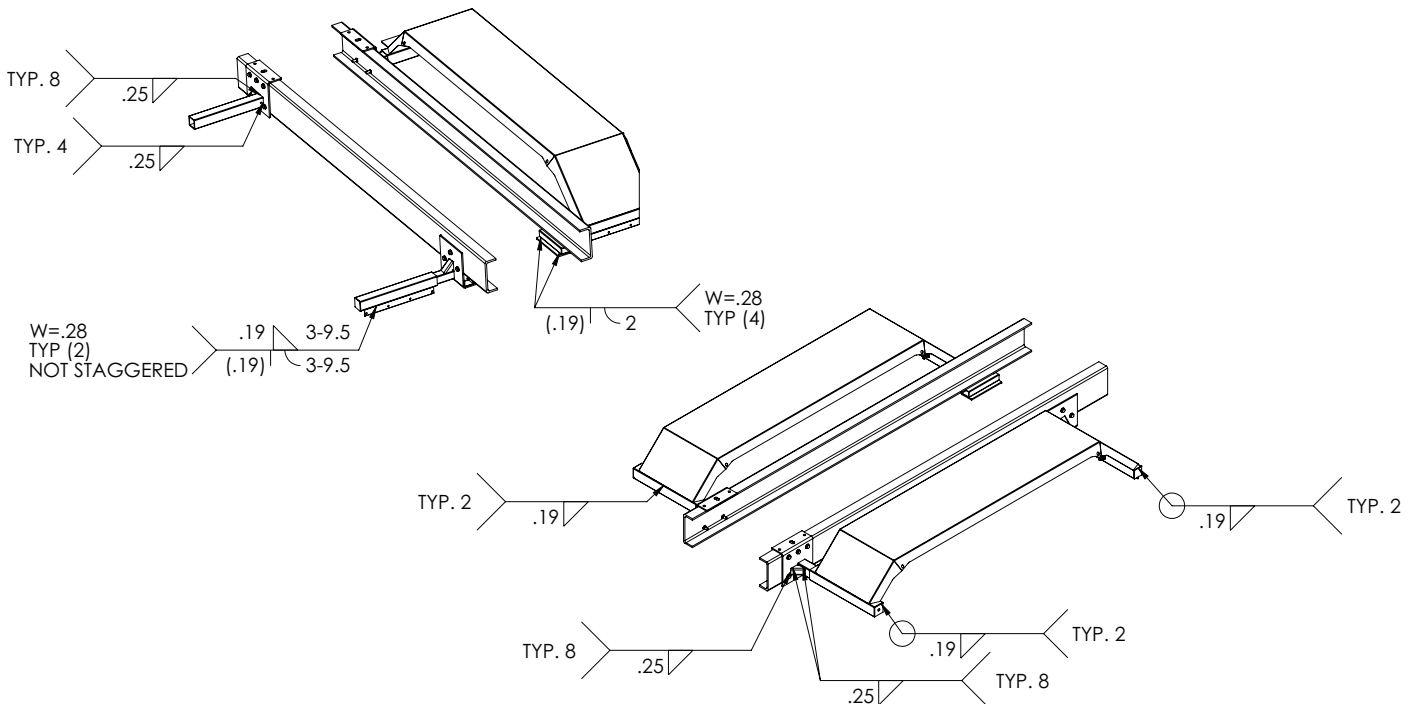
Steel Tandem Fender Assembly - PN 100617



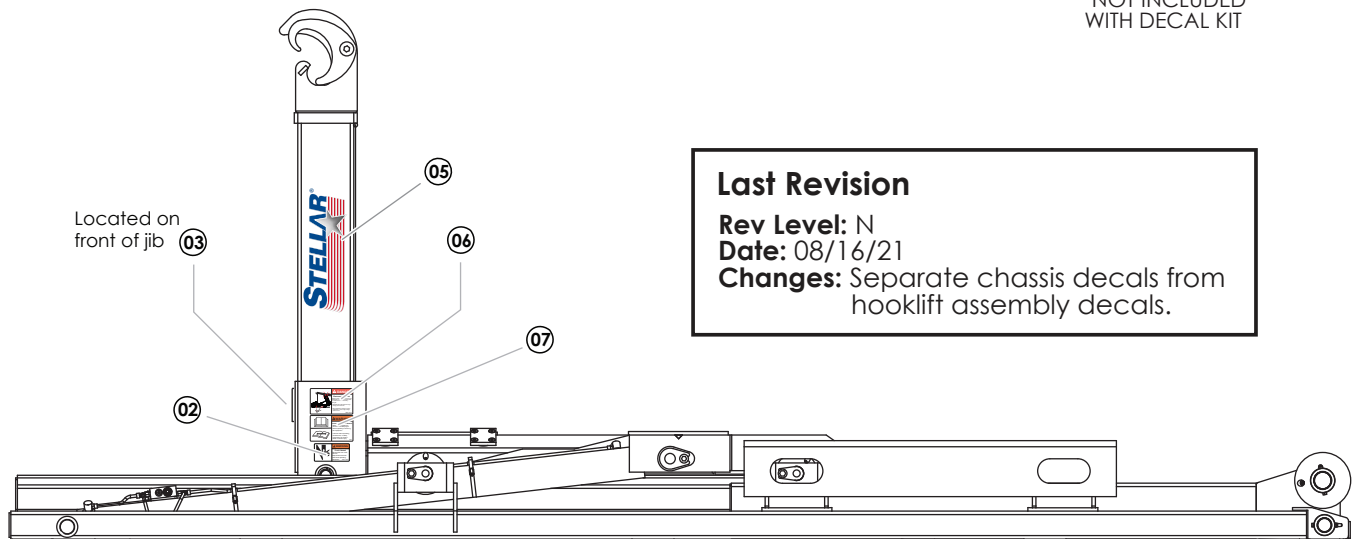
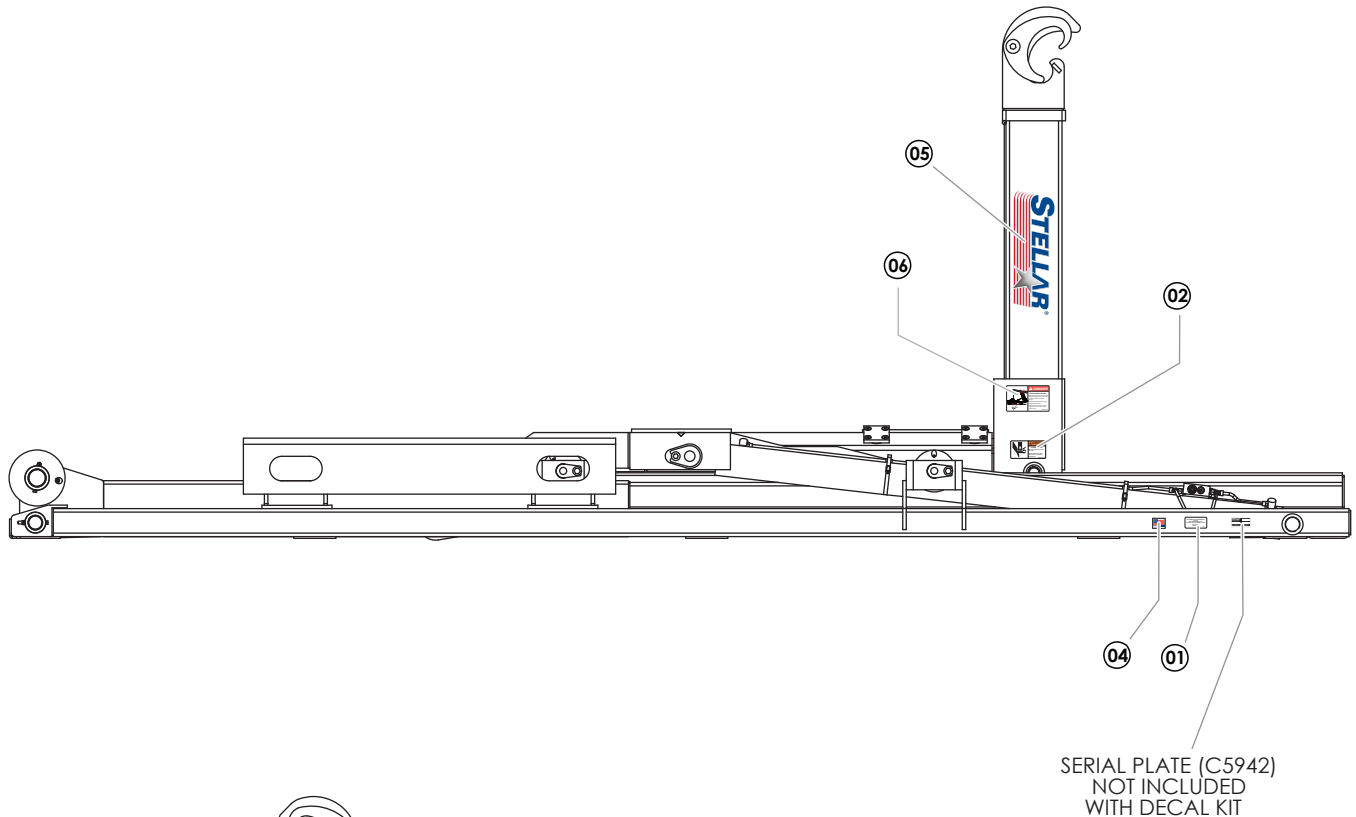
PN 100617

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 16A: Apply Hooklift Assembly Decals



Last Revision

Rev Level: N

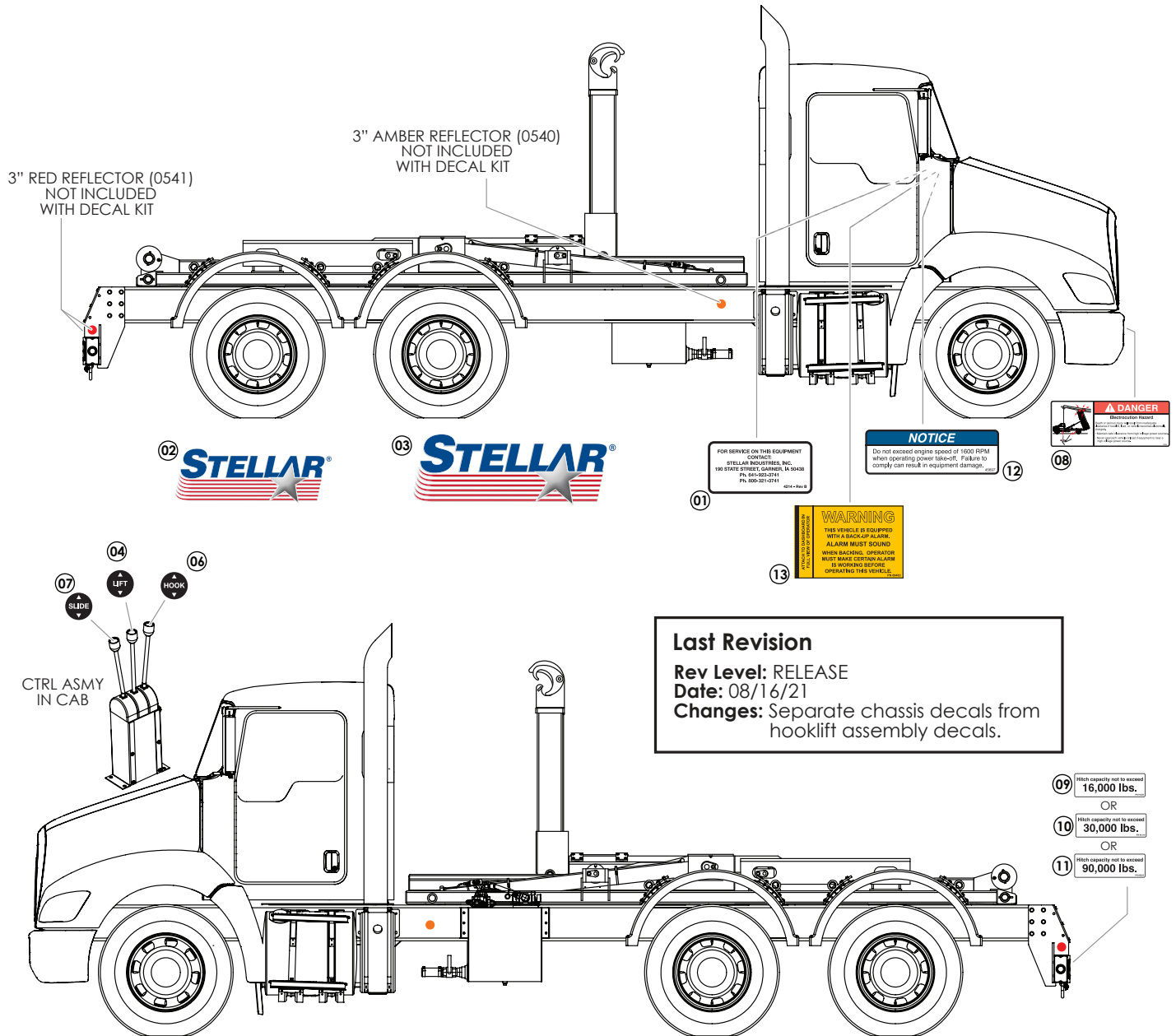
Date: 08/16/21

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 16B: 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 17: 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.

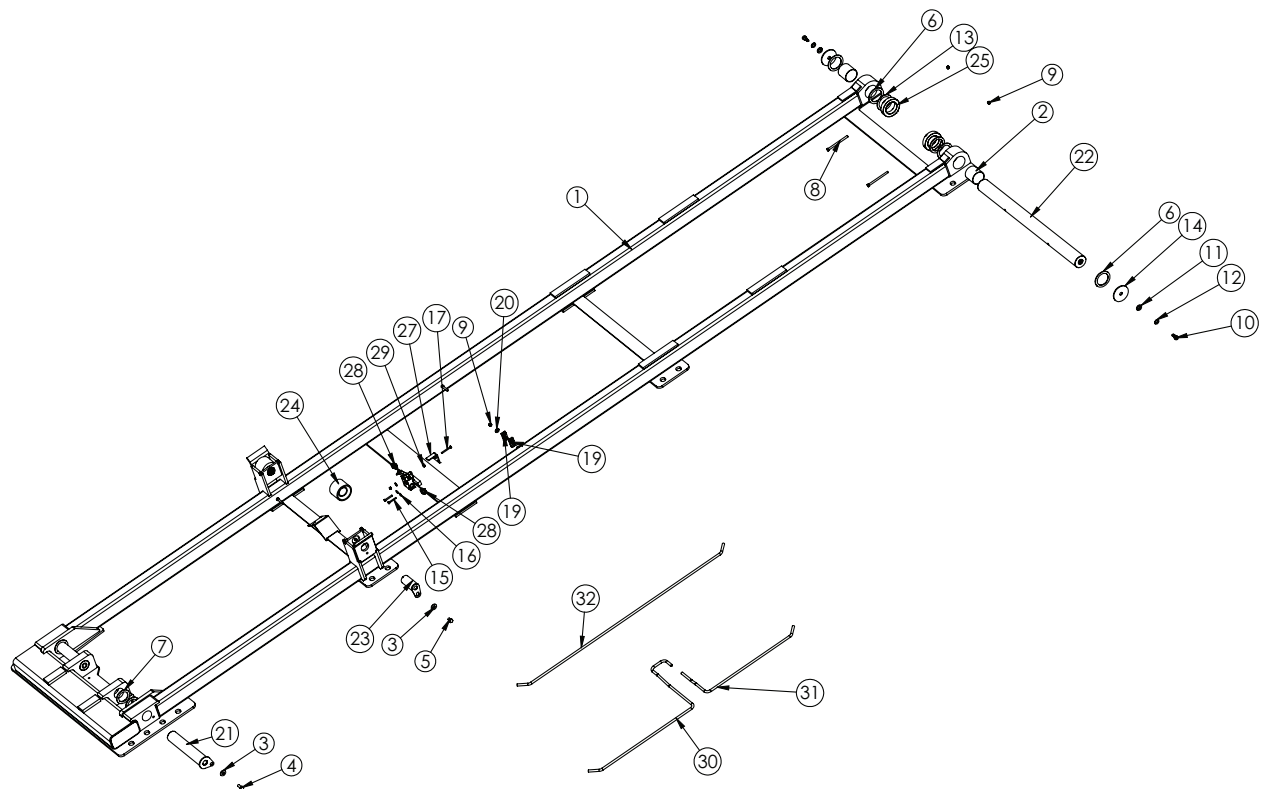
Step 18: Operate hooklift.

-  **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.
- Be sure to check all clearances.

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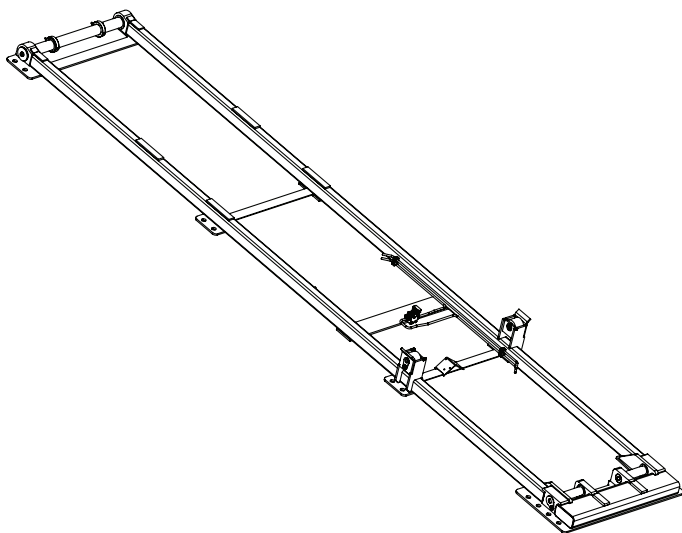
Chapter 3 - Assembly Drawings

Base Assembly - PN 72638

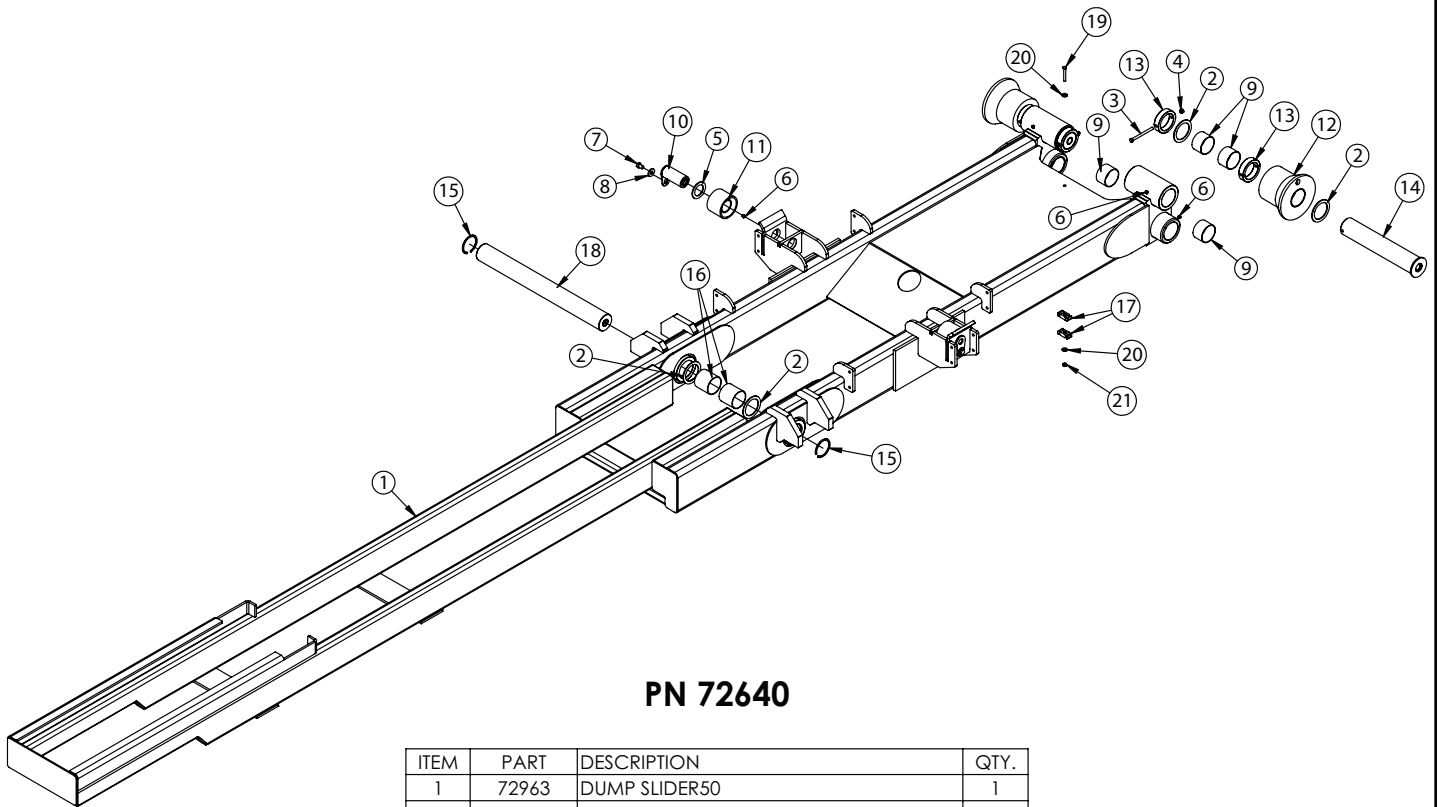


PN 72638

ITEM	PART	DESCRIPTION	QTY.
1	72639	BASE SLIDER50	1
2	2227	BUSHING BPC48DXR48 3.00X3.00	2
3	0352	WASHER 0.50 USS FLAT ZINC	4
4	0498	CAP SCR 0.50-13X1.25 HHGR5	2
5	C0990	CAP SCR 0.50-13X0.75 HHGR5	2
6	1548	THRUST WASHER 3.01DIA UHMW .12 THK	4
7	1547	THRUST WASHER 2.51DIA UHMW .12THK	4
8	C0956	CAP SCR 0.38-16X5.50 HHGR5	2
9	0347	NUT 0.38-16 HHGR5 NYLOC	4
10	12673	BOLT SHOULDER 0.63X0.50 0.50-13X0.75	2
11	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
12	12711	THRUST WASHER 0.63 DIA	2
13	45952	MACHY WASHER 3.010ID 10GA	2
14	8597	PIN CAP 0.69x4.00x0.19 SS	2
15	0481	CAP SCR 0.25-20X2.00 HHGR5	2
16	0340	WASHER 0.25 USS FLAT ZINC	3
17	0339	CAP SCR 0.25-20X2.50 HHGR5	1
18	0333	NUT 0.25-20 HHGR5 NYLOC	1
19	8622	CLAMP HOSE/TUBE AG-2	4
20	0346	WASHER 0.38 USS FLAT ZINC	2
21	73634CR	PIN TEAR DROP 2.50X13.63	2
22	74675ZP	PIN 3.00X39.88 D&T	1
23	54522CR	PIN TEAR DROP 2.00X4.38 W/ZERK	2
24	45373	ROLLER 2.00X4.00X3.00 OUTSIDE SI60	2
25	26928PC	COLLAR 3.03X4.50X1.00	2
26	53853	VALVE PLUNGER VILLA HYD NORMALLY CLOSED	1
27	60470PC	BRKT PLUNGER VILLA HYD VALVE	1
28	57735	FTG 8-8 MBSPP-MFS STRAIGHT	2
29	60348	COLLAR 0.31X0.75X0.31 UHMW	1
30	74728	TUBE ASM 0.50 SLIDER50 JIB RETRACT VALVE YZ	1
31	74726	TUBE ASM 0.50 SLIDER50 JIB RETRACT YZ	1
32	74727	TUBE ASM 0.50 SLIDER50 JIB EXTEND XY	1
33	c1592	ZERK 1/8 NPT STRAIGHT	2



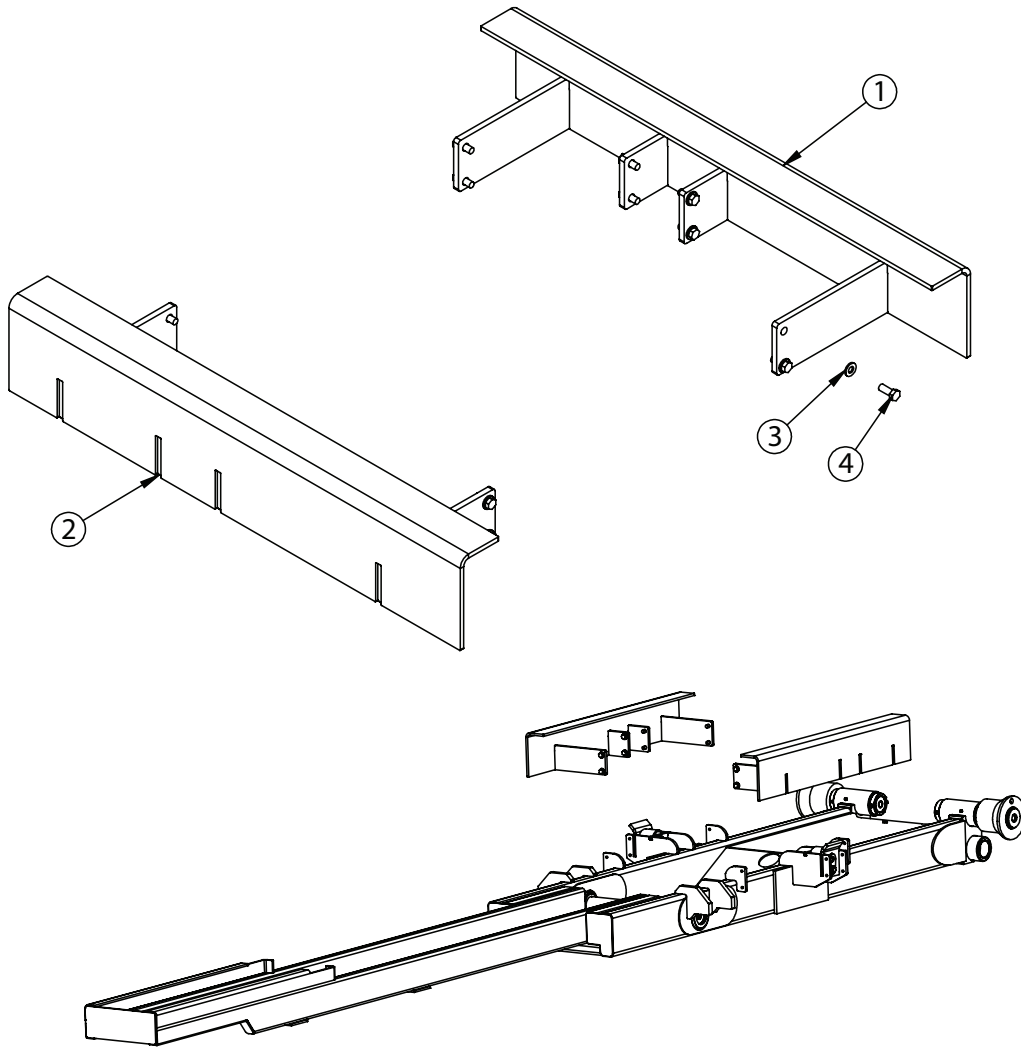
Dump Assembly - PN 72640



PN 72640

ITEM	PART	DESCRIPTION	QTY.
1	72963	DUMP SLIDER50	1
2	1548	THRUST WASHER 3.01DIA UHMW .12 THK	6
3	41498	CAP SCR 0.38-16X4.75 HHGR5	2
4	0347	NUT 0.38-16 HHGR5 NYLOC	2
5	0427	MACHY WASHER 2.00ID 10GA	2
6	c1592	ZERK 1/8 NPT STRAIGHT	6
7	C0990	CAP SCR 0.50-13X0.75 HHGR5	2
8	0352	WASHER 0.50 USS FLAT ZINC	2
9	0865	BUSHING BPC48DXR32 3.00X2.00	8
10	54522CR	PIN TEAR DROP 2.00X4.38 W/ZERK	2
11	45373	ROLLER 2.00X4.00X3.00 OUTSIDE SI60	2
12	22432PC	ROLLER 3.00X6.00X3.81X8.00 POWDERCOAT YEL	2
13	26168PC	COLLAR RETAINING 3.01X4.00X1.00	4
14	56845ZP	PIN WLDMT 3.00X16.44	2
15	2200	SNAP RING INSIDE 3.00 3000-X300	2
16	2227	BUSHING BPC48DXR48 3.00X3.00	2
17	8622	CLAMP HOSE/TUBE AG-2	2
18	74676CR	PIN 3.00X28.38 D&T	1
19	0489	CAP SCR 0.31-18X2.50 HHGR5	1
20	0343	WASHER 0.31 USS FLAT ZINC	2
21	0342	NUT 0.31-18 HHGR5 NYLOC	1

Latch Assembly - PN 74922

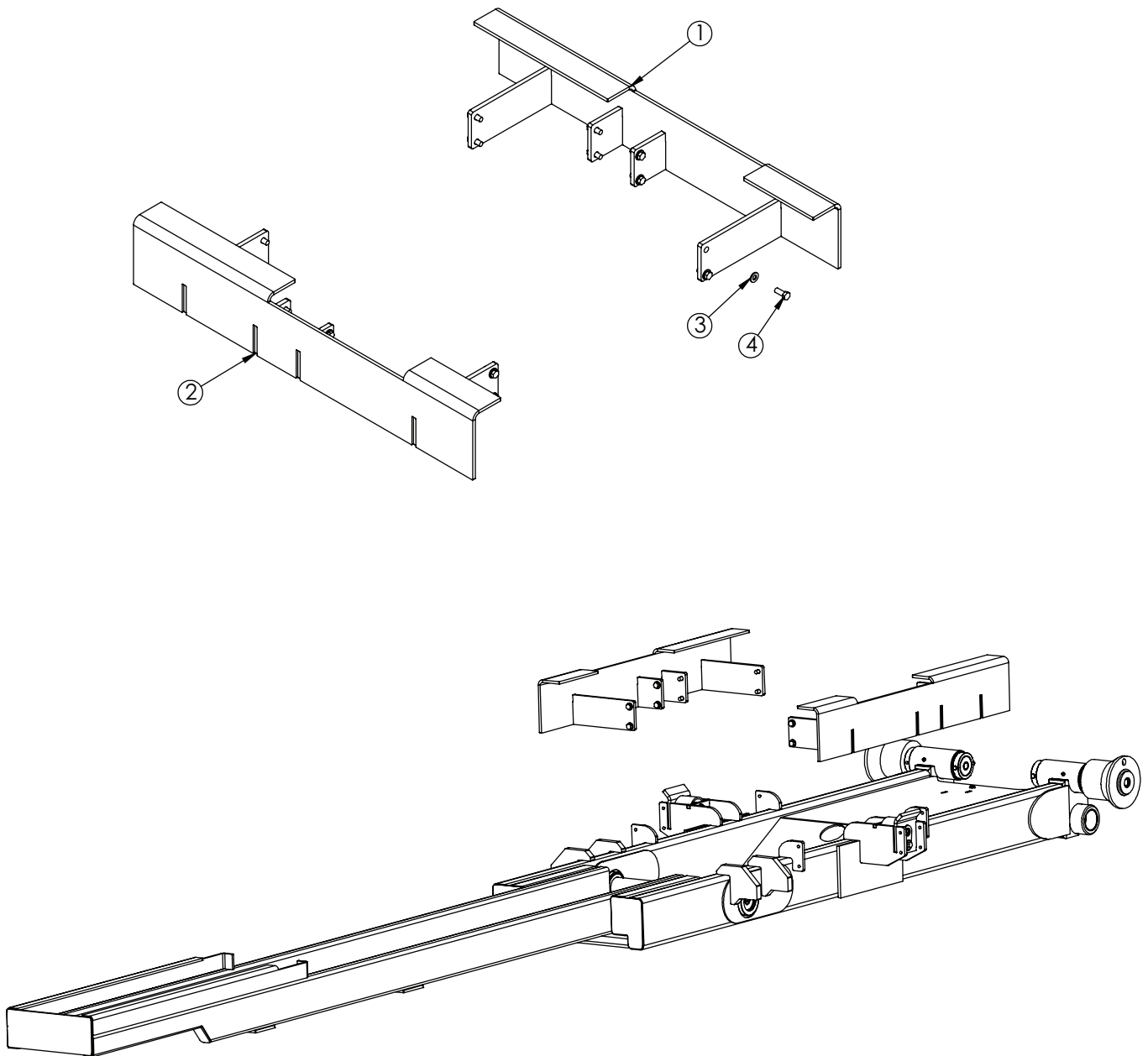


PN 74922

ITEM	PART	DESCRIPTION	QTY.
1	74920	LATCH WLDMT SS SLIDER50	1
2	74921	LATCH WLDMT CS SLIDER50	1
3	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	16
4	10666	CAP SCR 0.50-13X1.25 HHGR8	16

NOTE: DUMP ASM SHOWN FOR REFERENCE ONLY

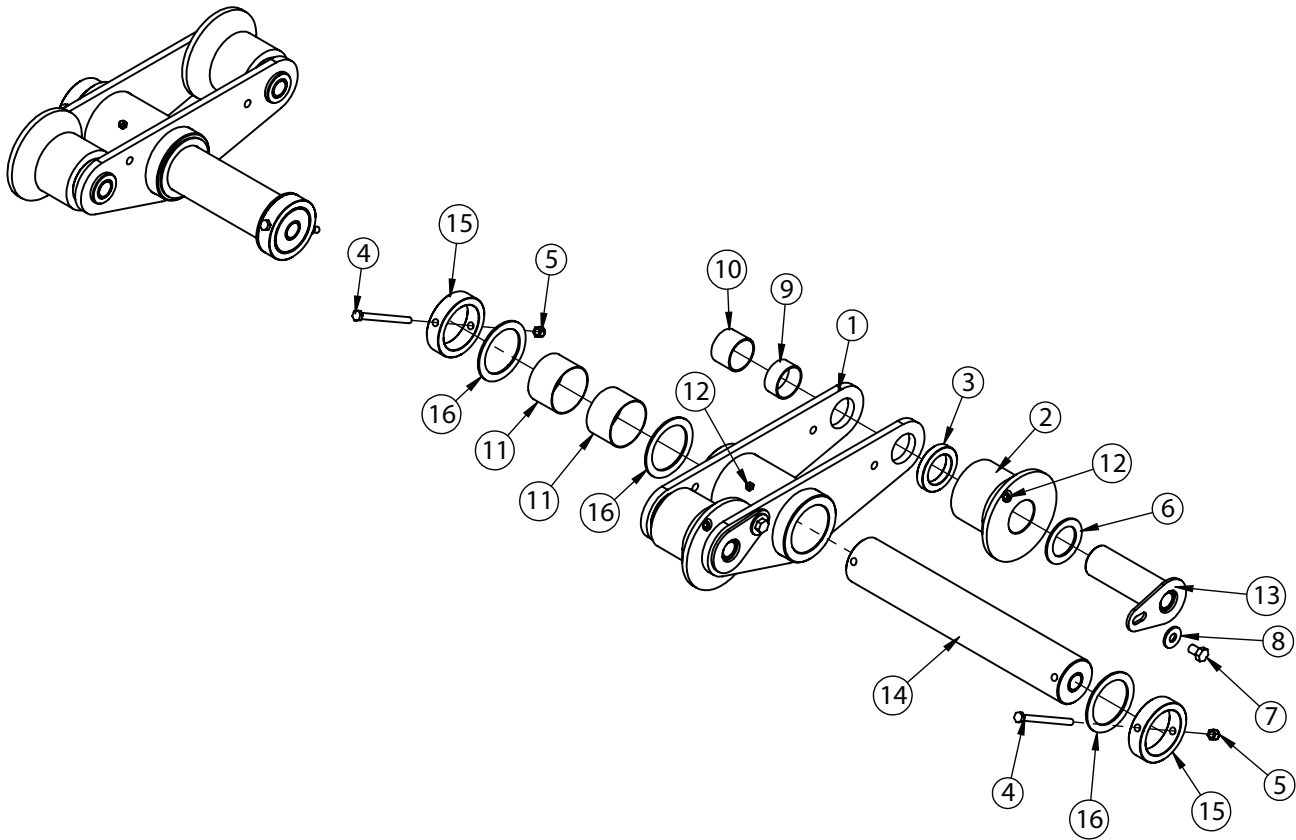
Latch Assembly - PN 120890



PN 120890

ITEM	PART No.	DESCRIPTION	QTY.
01	120891	LATCH WLDMT SS SLIDER50 W/NOTCH	1
02	120893	LATCH WLDMT CS SLIDER50 W/NOTCH	1
03	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	16
04	10666	CAP SCR 0.50-13X1.25 HHGR8	16

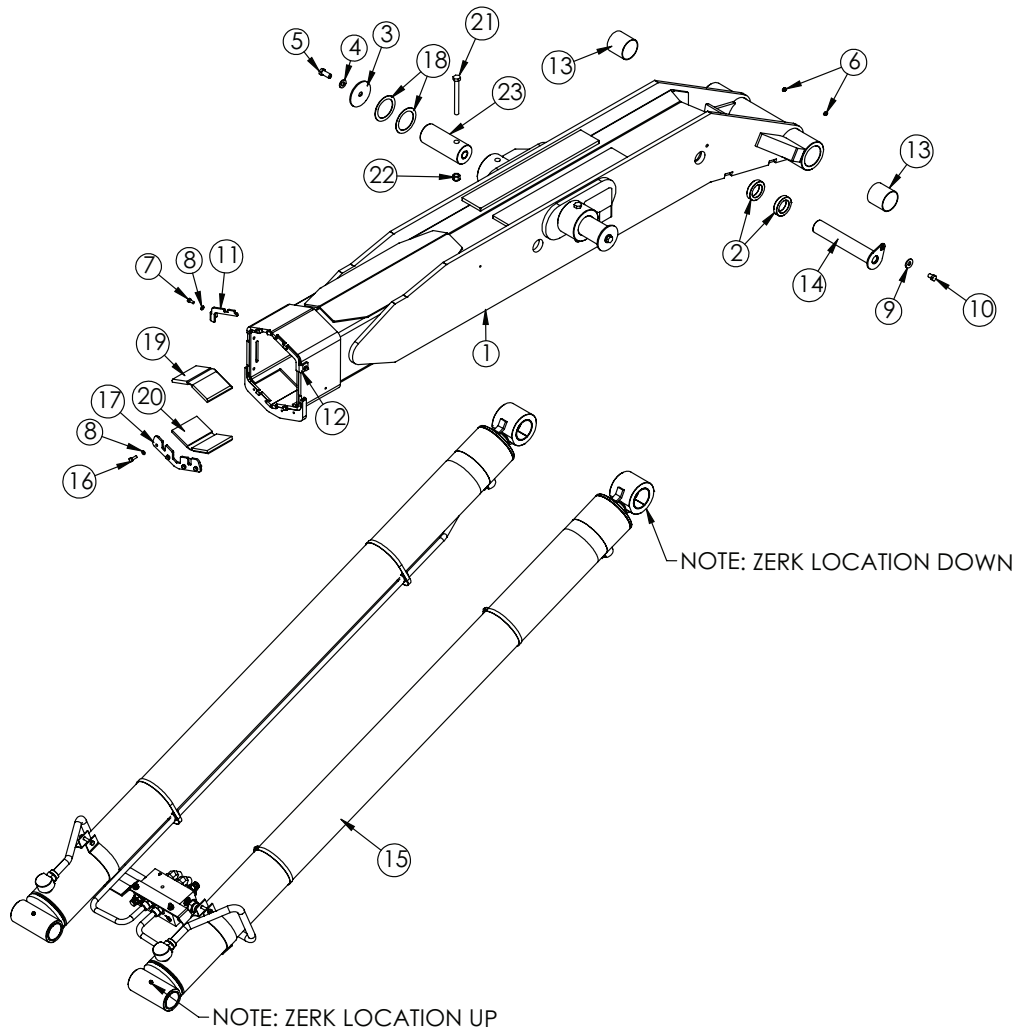
Rear Roller Assembly (Optional) - PN 77274



PN 77274

ITEM	PART	DESCRIPTION	QTY.
1	77275	ROLLER CARRIAGE SLIDER50	2
2	38698PC	ROLLER 2.00X4.00X2.69X6.00	4
3	21587	COLLAR 2.01X3.00X0.50 UHMW	4
4	0578	CAP SCR 0.38-16X5.00 HHGR5	4
5	0347	NUT 0.38-16 HHGR5 NYLOC	4
6	1546	THRUST WASHER 2.01DIA UHMW .12THK	4
7	C0990	CAP SCR 0.50-13X0.75 HHGR5	4
8	0352	WASHER 0.50 USS FLAT ZINC	4
9	8819	BUSHING QSI-3235-16	4
10	4380	BUSHING 32DXR24 2.00X1.50 GARLOCK	4
11	0865	BUSHING 48DXR32 GARLOCK	4
12	c1592	ZERK 1/8 NPT STRAIGHT	6
13	77279ZP	PIN TEAR DROP 2.00X6.00 SHORT	4
14	77278ZP	PIN 3.00X18.25 W/HOLES	2
15	26168PC	COLLAR RETAINING 3.01X4.00X1.00	4
16	1548	THRUST WASHER 3.01DIA UHMW .12 THK	6

Secondary Assembly - PN 72964

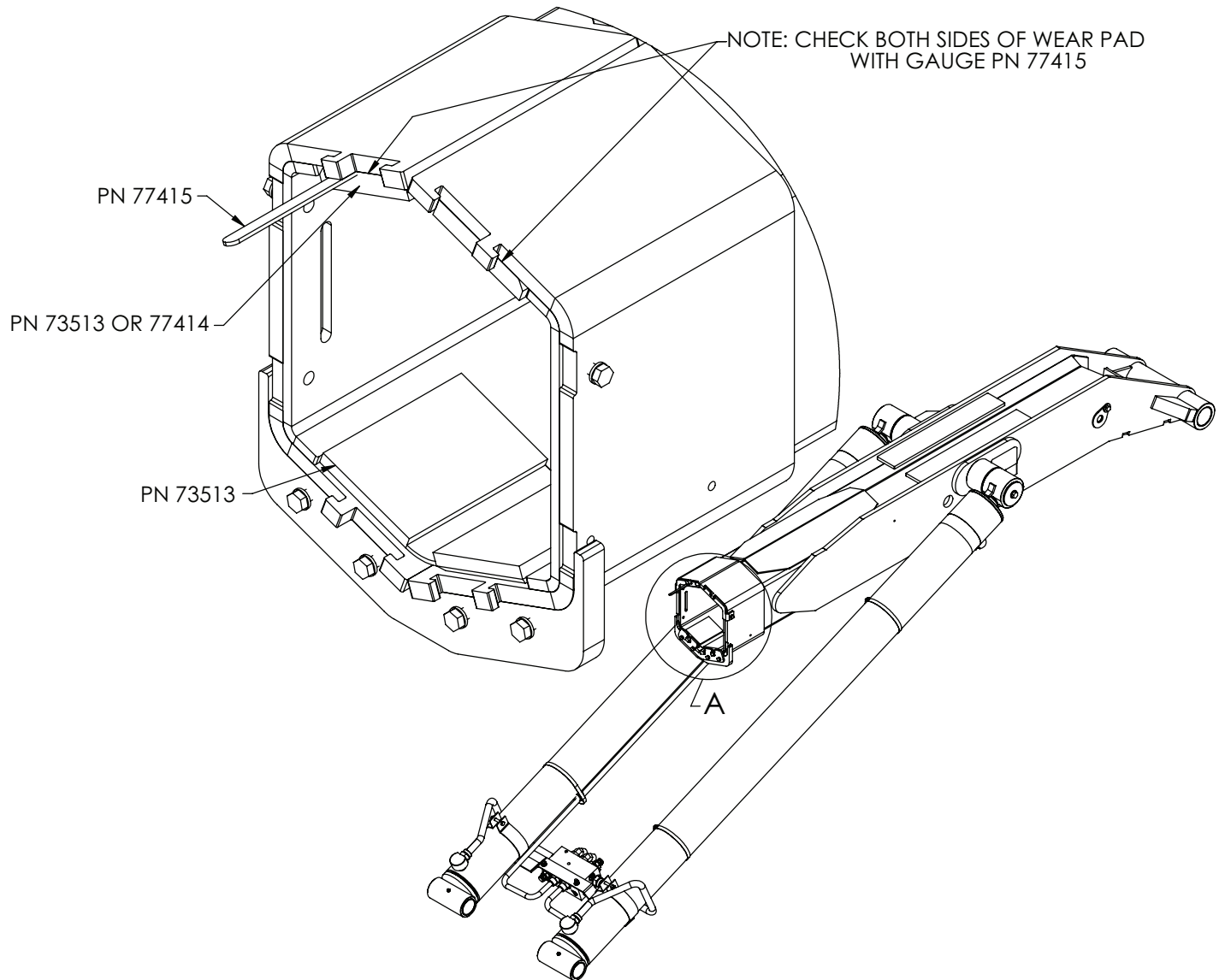


PN 72964

ITEM	PART	DESCRIPTION	Default/Qty
1	72965	SECONDARY SLIDER50	1
2	21505	COLLAR 2.01X3.00X.63 UHMW	2
3	8597	PIN CAP 0.69x4.00x0.19 SS	2
4	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
5	0356	CAP SCR 0.63-11X1.50 HHGR8 ZY	2
6	c1592	ZERK 1/8 NPT STRAIGHT	2
7	0420	CAP SCR 0.31-18X0.75 HHGR5	2
8	0522	WASHER 0.31 LOCK	6
9	0352	WASHER 0.50 USS FLAT	1
10	C0990	CAP SCR 0.50-13X0.75 HHGR5	1
11	73768	WEAR PAD COVER CS	1
12	73770	WEAR PAD COVER SS	1
13	2227	BUSHING BPC48DXR48 3.00X3.00	2
14	12830CR	PIN TEAR DROP 2.00X11.50	1
15	74924	CYLINDER ASM SLIDER50	1
16	C0922	CAP SCR 0.31-18X1.00 HHGR5	4
17	76731	PLATE BOTTOM WEAR PAD COVER SEC PC BLACK	1
18	8858	THRUST WASHER 3.01DIA UHMW .06 THK	4
19	77414	WEAR PAD V-SHAPED SLIDER50 0.50IN THICK	1
20	73513	WEAR PAD V-SHAPED SLIDER50	1
21	60800	CAP SCR 0.63-11X6.00 HHGR8	2
22	24868	NUT 0.63-11 HHGR8 NYLOC	2
23	79056CR	PIN 3.00X7.56 D&T W/HOLE	2

Wear Pads

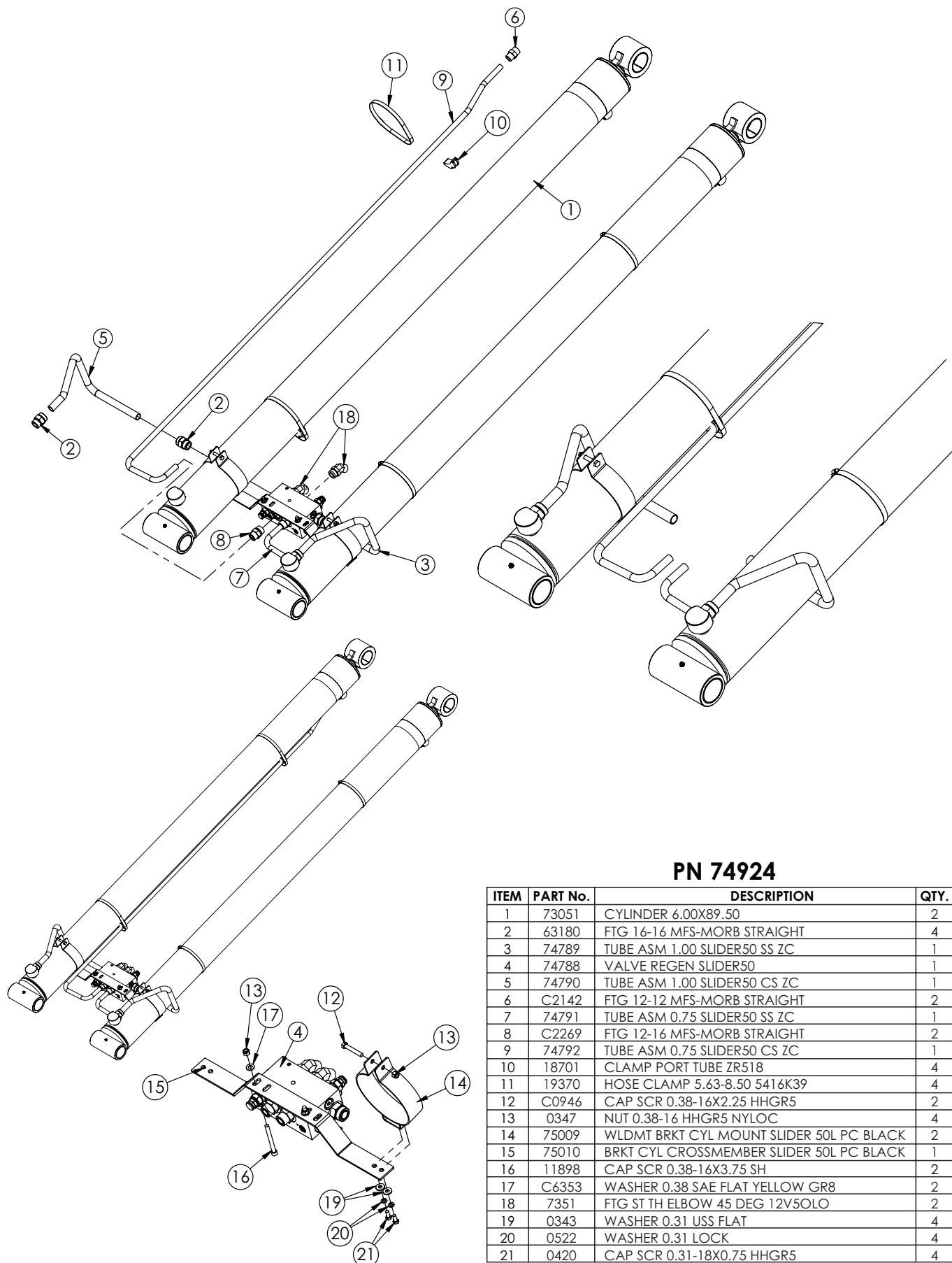
DETAIL A



WEAR PAD INSTALLATION INSTRUCTIONS:

1. INSTALL THE BOTTOM, V-SHAPED, WEAR PAD FIRST
PN 73513
2. THEN INSTALL THE TOP, V-SHAPED, WEAR PAD
TRY USING PN 73513 FIRST, IT'S THICKNESS IS 0.63"
3. IF 73513 IS TOO TIGHT TO INSTALL THEN USE
PN 77414, IT'S THICKNESS IS 0.50"
4. CHECK THE TOP WEAR PAD TIGHTNESS USING PN 77415
IF PN 77415 CAN BE SLID BETWEEN THE WEAR PAD
AND THE SECONDARY, CONTACT STELLAR FOR SUPPORT.

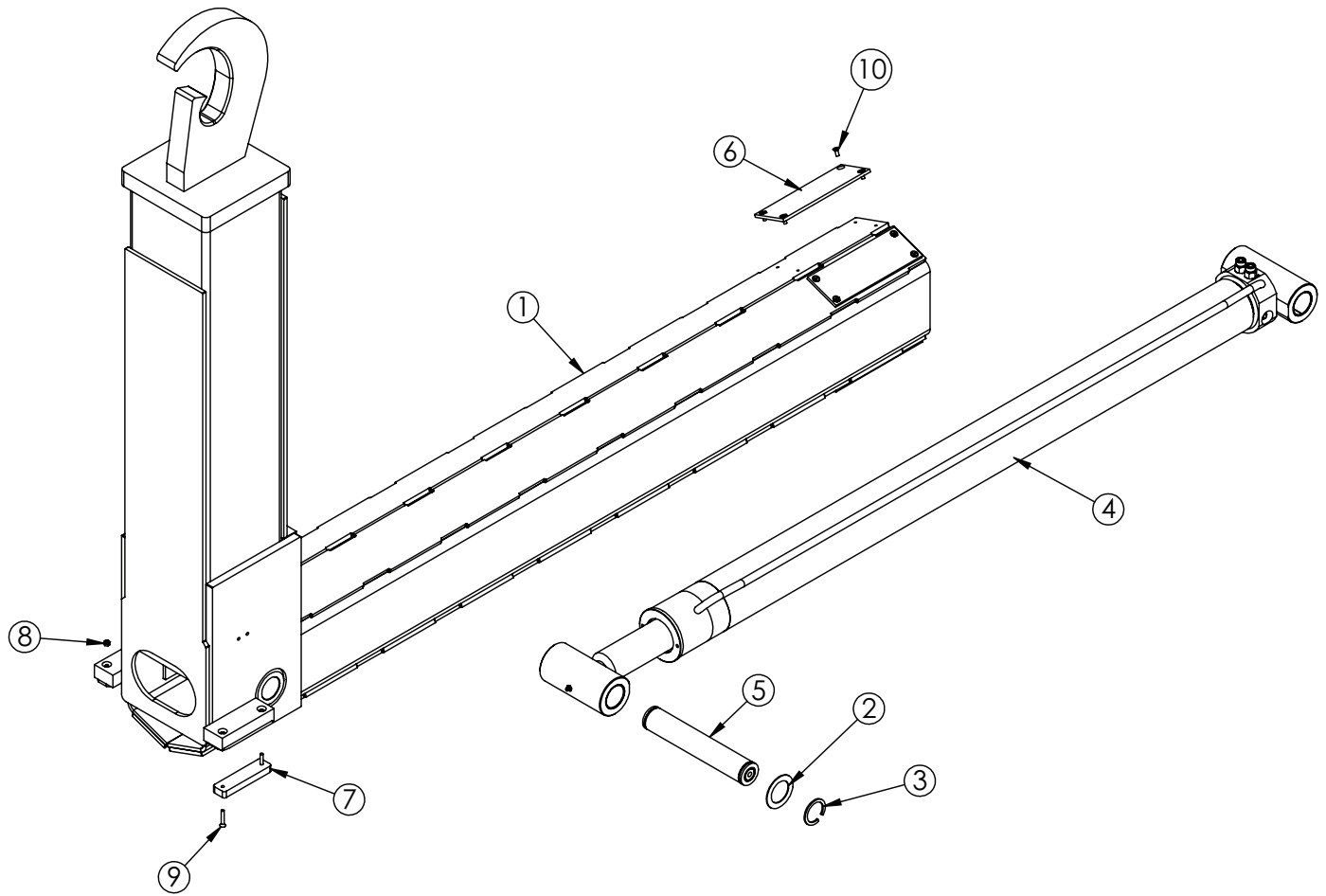
Main Cylinder Assembly - PN 74924



PN 74924

ITEM	PART No.	DESCRIPTION	QTY.
1	73051	CYLINDER 6.00X89.50	2
2	63180	FTG 16-16 MFS-MORB STRAIGHT	4
3	74789	TUBE ASM 1.00 SLIDER50 SS ZC	1
4	74788	VALVE REGEN SLIDER50	1
5	74790	TUBE ASM 1.00 SLIDER50 CS ZC	1
6	C2142	FTG 12-12 MFS-MORB STRAIGHT	2
7	74791	TUBE ASM 0.75 SLIDER50 SS ZC	1
8	C2269	FTG 12-16 MFS-MORB STRAIGHT	2
9	74792	TUBE ASM 0.75 SLIDER50 CS ZC	1
10	18701	CLAMP PORT TUBE ZR518	4
11	19370	HOSE CLAMP 5.63-8.50 5416K39	4
12	C0946	CAP SCR 0.38-16X2.25 HHGR5	2
13	0347	NUT 0.38-16 HHGR5 NYLOC	4
14	75009	WLDMT BRKT CYL MOUNT SLIDER 50L PC BLACK	2
15	75010	BRKT CYL CROSSMEMBER SLIDER 50L PC BLACK	1
16	11898	CAP SCR 0.38-16X3.75 SH	2
17	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	2
18	7351	FTG ST TH ELBOW 45 DEG 12V5OLO	2
19	0343	WASHER 0.31 USS FLAT	4
20	0522	WASHER 0.31 LOCK	4
21	0420	CAP SCR 0.31-18X0.75 HHGR5	4

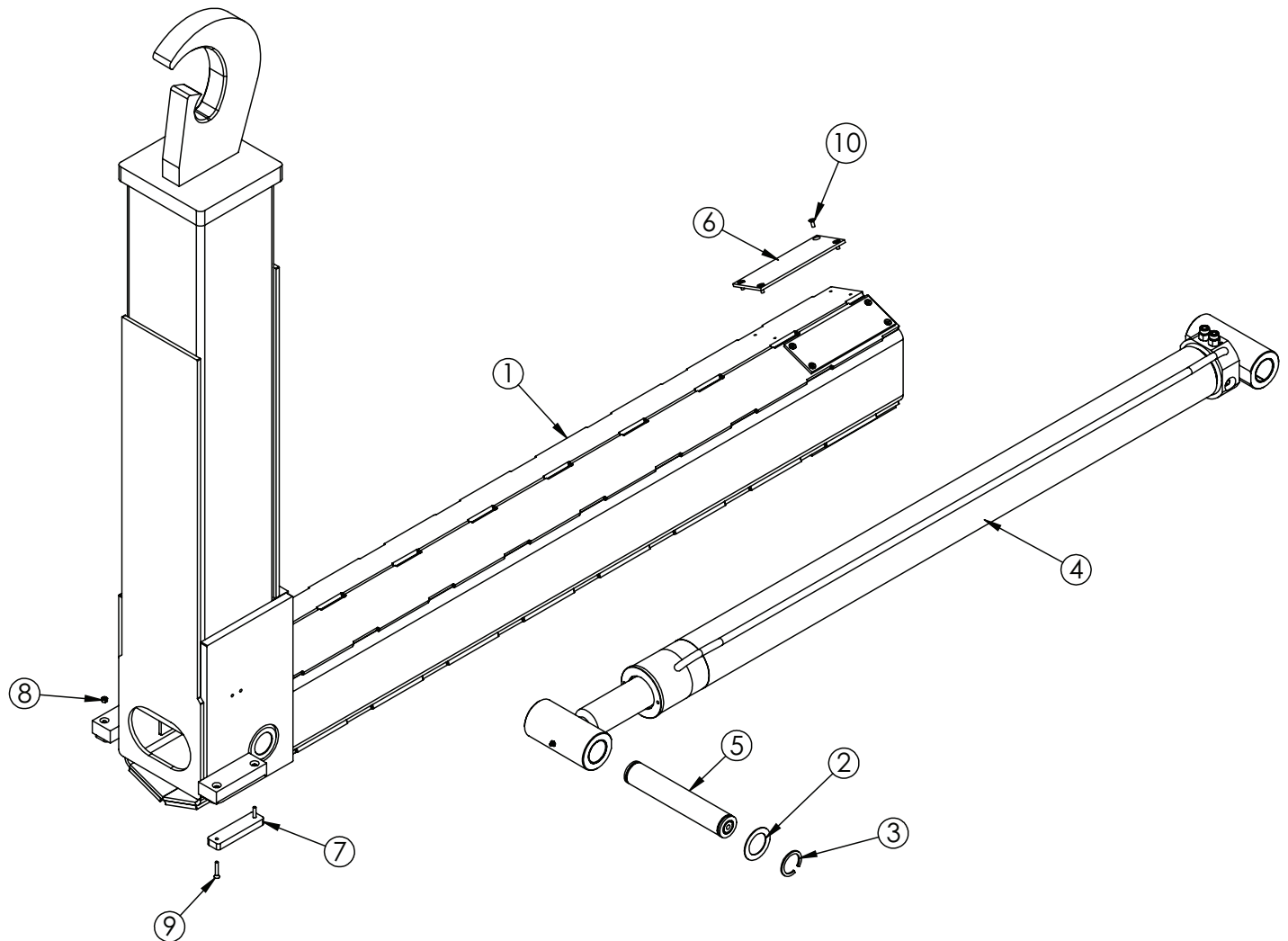
Jib Assembly (54" Hook Height) - PN 75315



PN 75315

ITEM	PART	DESCRIPTION	QTY.
1	75758	JIB SLIDER50 54HH	1
2	0377	MACHY WASHER 2.00ID 14GA	2
3	0108	SNAP RING 2.00 7200-200	2
4	75314	CYLINDER ASM 4.00X48.00	1
5	38833CR	PIN 2.00X11.38 SR	1
6	73771	WEAR PAD SLIDER50	4
7	76720	WEARPAD JIB SLIDER 50	2
8	0333	NUT 0.25-20 HHGR5 NYLOC	4
9	76182	CAP SCR 0.25-20X1.50 FHSN PLN	4
10	25741	CAP SCR 0.25-20X0.63 FHSN SS	16

Jib Assembly (61.75" Hook Height) - PN 72966

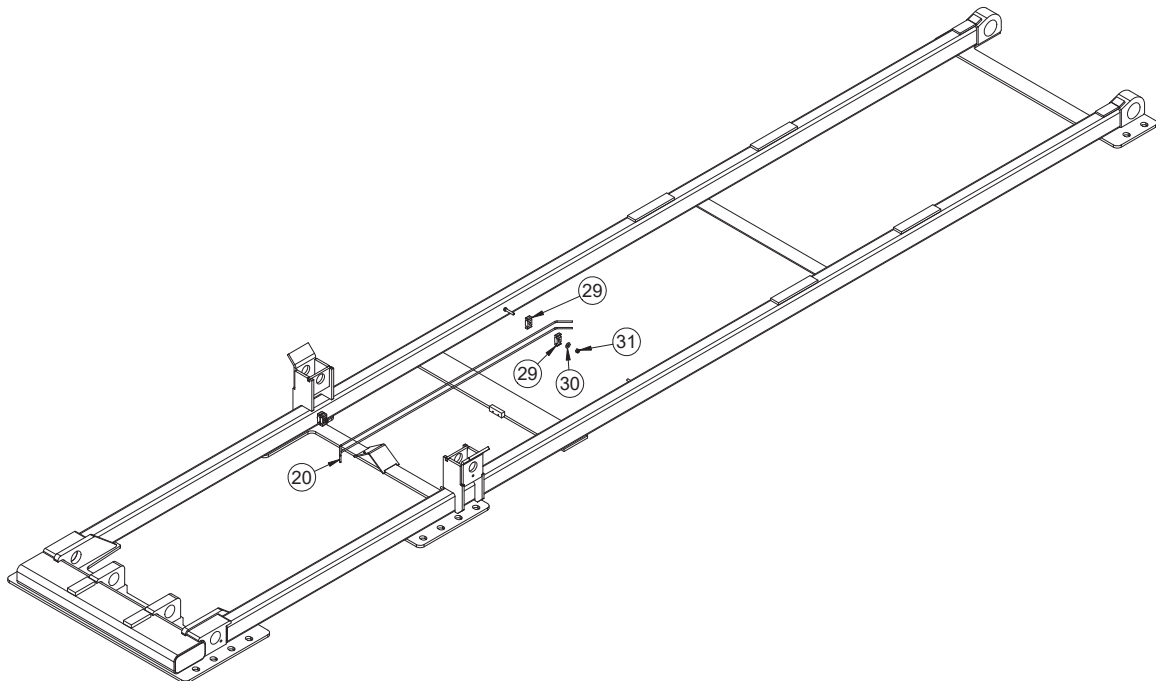
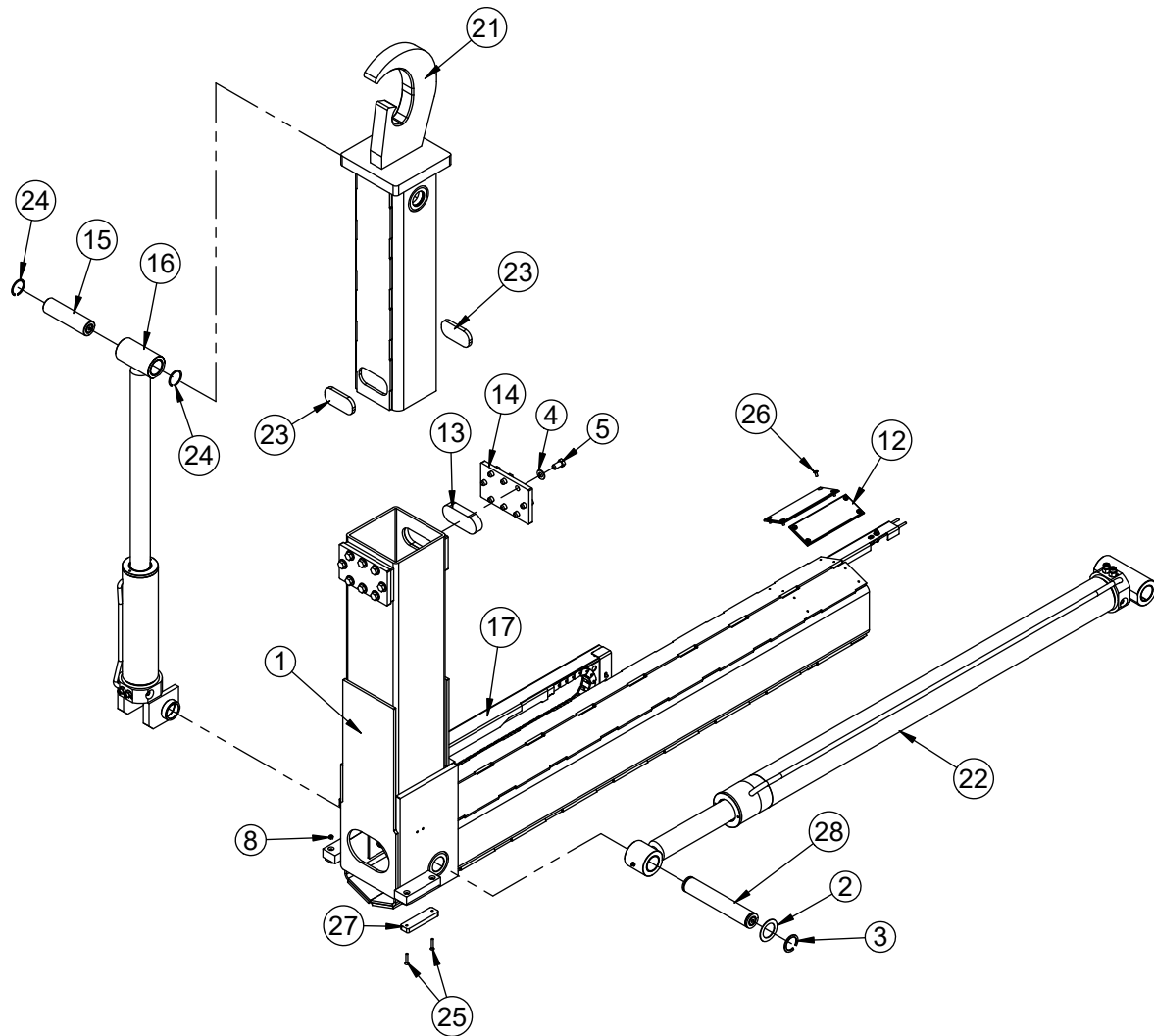


PN 72966

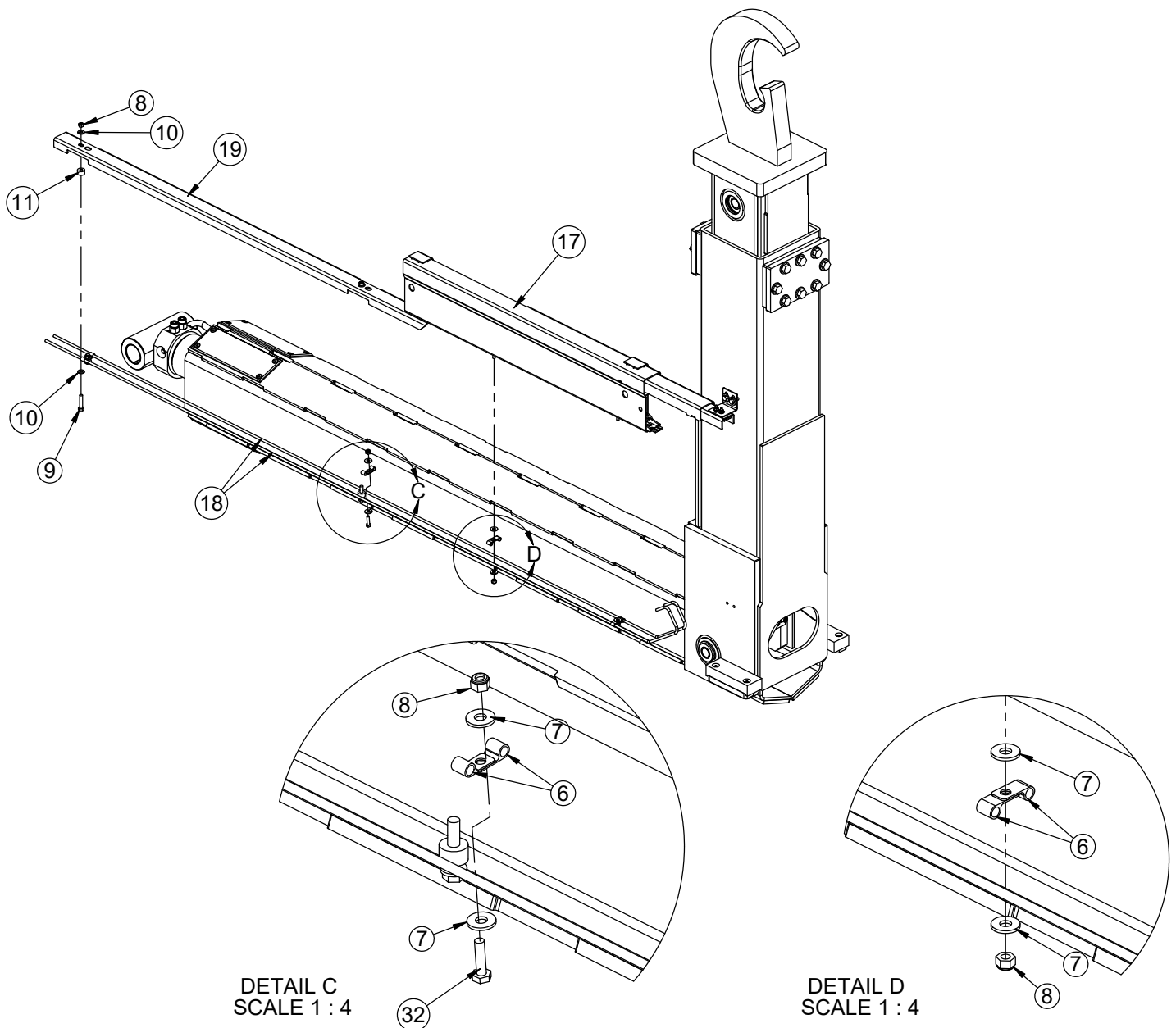
ITEM	PART	DESCRIPTION	QTY.
1	72967	JIB SLIDER50 62HH	1
2	0377	MACHY WASHER 2.00ID 14GA	2
3	0108	SNAP RING 2.00 7200-200	2
4	75314	CYLINDER ASM 4.00X48.00	1
5	38833CR	PIN 2.00X11.38 SR	1
6	73771	WEAR PAD SLIDER50	4
7	76720	WEARPAD JIB SLIDER 50	2
8	0333	NUT 0.25-20 HHGR5 NYLOC	4
9	76182	CAP SCR 0.25-20X1.50 FHS PLN	4
10	25741	CAP SCR 0.25-20X0.63 FHS SS	16

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Jib Assembly (54/61.75" Hook Height) - PN 73912



Jib Assembly (54/61.75" Hook Height) - PN 73912

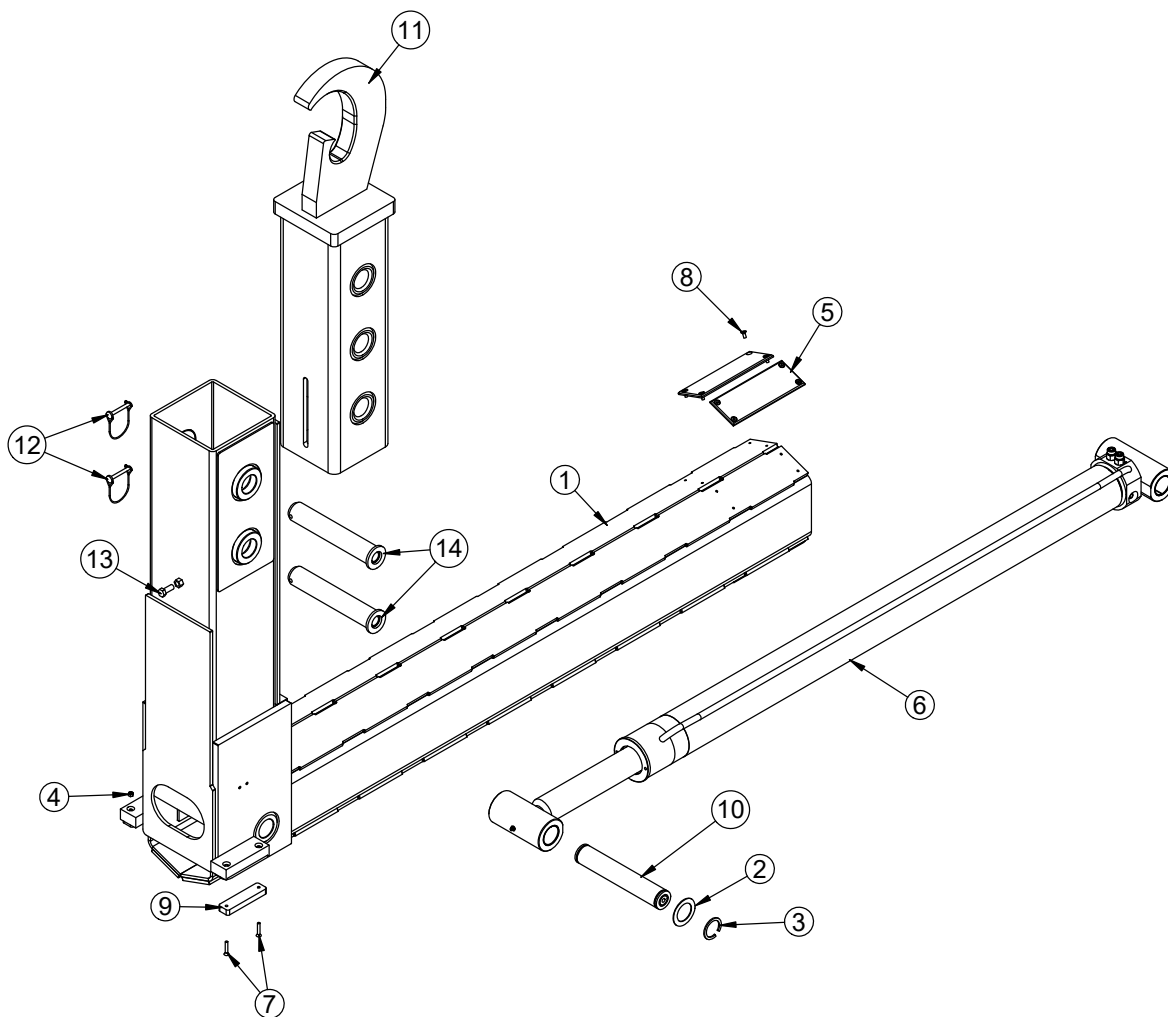


Jib Assembly (54/61.75" Hook Height) - PN 73912 Parts List

PN 73912			
ITEM	PART	DESCRIPTION	QTY
1	73913	JIB SLIDER50 54/62HH HYD	1
2	0377	MACHY WASHER 2.00ID 14GA	2
3	0108	SNAP RING 2.00 7200-200	2
4	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	16
5	66839	CAP SCR 0.63-11X1.25 HHGR8 ZY W/RED PATCH	16
6	C5606	CLAMP 0.25 BLK VINYL	8
7	D0917	WASHER 0.25 FLAT SS	8
8	0333	NUT 0.25-20 HHGR5 NYLOC	10
9	0486	CAP SCR 0.31-18X1.50 HHGR5	2
10	5591	WASHER 0.31 SAE FLAT YELLOW GR8	4
11	74518	COLLAR 0.31X0.75X0.44 UHMW	2
12	73771	WEAR PAD SLIDER50	4
13	47993	WEAR PAD S65 JIB HYD HH	2
14	47994	COVER WEAR PAD S65 JIB HYD HH PC BLACK	2
15	6764CR	PIN 2.00X7.25 ZC	1
16	59603	CYLINDER ASM 4.00X7.75 W/2.25 BASE OFFSET	1
17	74509	HOSE TRACK ASM SLIDER50	1
18	74517	TUBE ASM 0.25 SLIDER50 JIB HH ZC	2
19	74516	CHANNEL FORMED 12GAX1.94X1.04X54.00 HOLES CUT OUTS	1
20	74784	TUBE ASM 0.25 SLIDER50 JIB EXTEND ZC	2
21	74795	JIB TOP SLIDER50 HYD	1
22	74996	CYLINDER ASM 4.00X48.00 NARROW	1
23	74797	WEAR PAD SLIDER50 HYD HH	2
24	2257	SNAP RING INSIDE 2.00	2
25	76182	CAP SCR 0.25-20X1.50 FHSN PLN	4
26	25741	CAP SCR 0.25-20X0.63 FHSN SS	16
27	76720	WEARPAD JIB SLIDER 50	2
28	38833CR	PIN 2.00X11.38 SR ZC	1
29	8622	CLAMP HOSE/TUBE AG-2	4
30	0346	WASHER 0.38 USS FLAT	2
31	0347	NUT 0.38-16 HHGR5 NYLOC	2
32	0480	CAP SCR 0.25-20X1.00 HHGR5	2
REV. A			

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Jib Assembly (54/61.75" Hook Height) - PN 117668

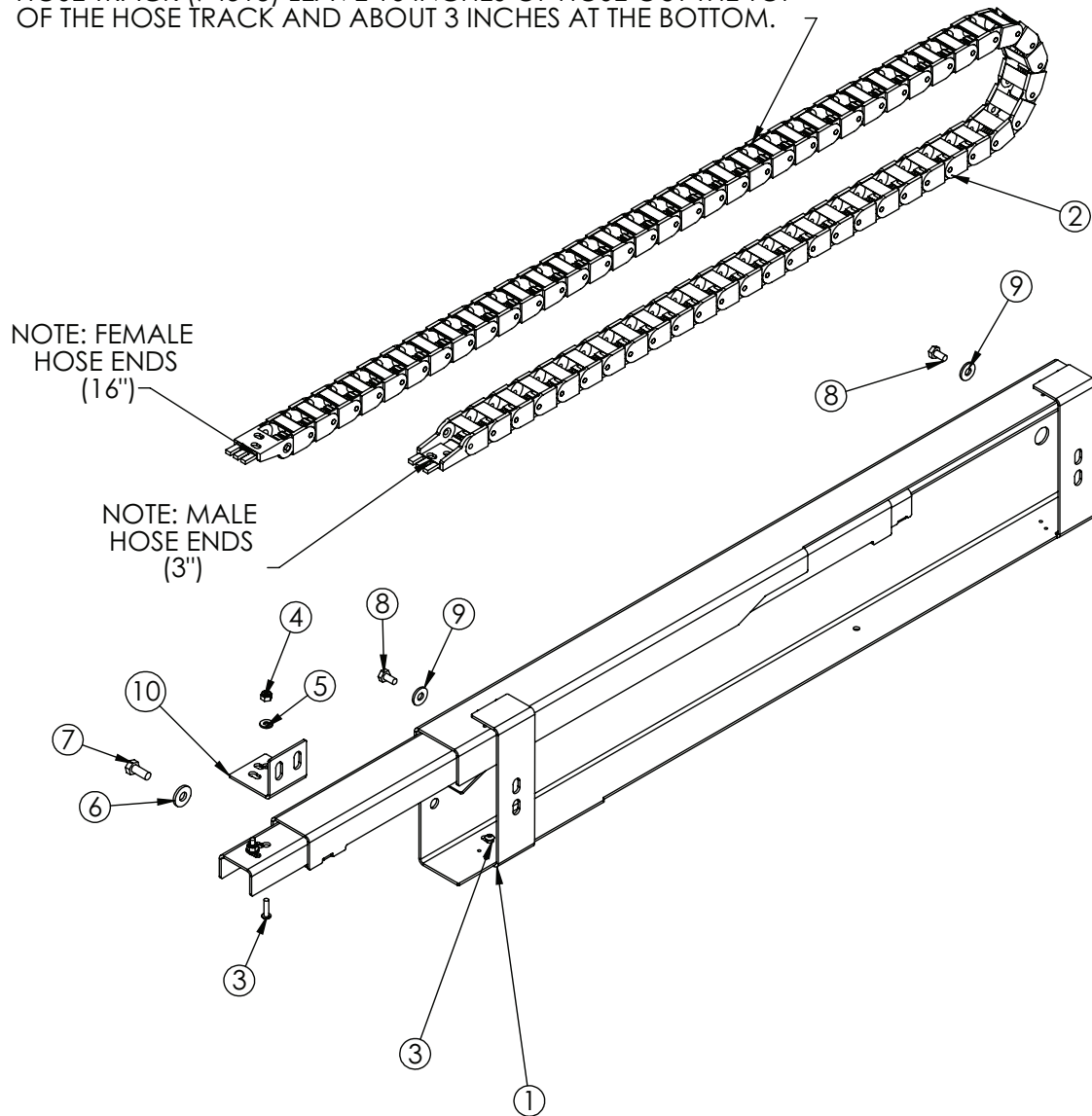


Jib Assembly (54/61.75" Hook Height) - PN 117668 P

PN 117668			
ITEM	PART	DESCRIPTION	QTY
1	117669	JIB SLIDER50 54/62HH MANUAL	1
2	377	MACHY WASHER 2.00ID 14GA	2
3	108	SNAP RING 2.00 7200-200	2
4	333	NUT 0.25-20 HHGR5 NYLOC	4
5	73771	WEAR PAD SLIDER50	4
6	75314	CYLINDER ASM 4.00X48.00	1
7	76182	CAP SCR 0.25-20X1.50 FHSN PLN	4
8	25741	CAP SCR 0.25-20X0.63 FHSN SS	16
9	76720	WEARPAD JIB SLIDER 50	2
10	38833CR	PIN 2.00X11.38 SR ZC	1
11	117671	JIB TOP SLIDER50 MANUAL	1
12	45216	PIN 0.31X2.75 WIRE LOCK	2
13	10666	CAP SCR 0.50-13X1.25 HHGR8	1
14	117674CR	PIN WLDMT 2.00X11.31 ZC	2
REV. INITIAL RELEASE			

Hose Track - PN 74509

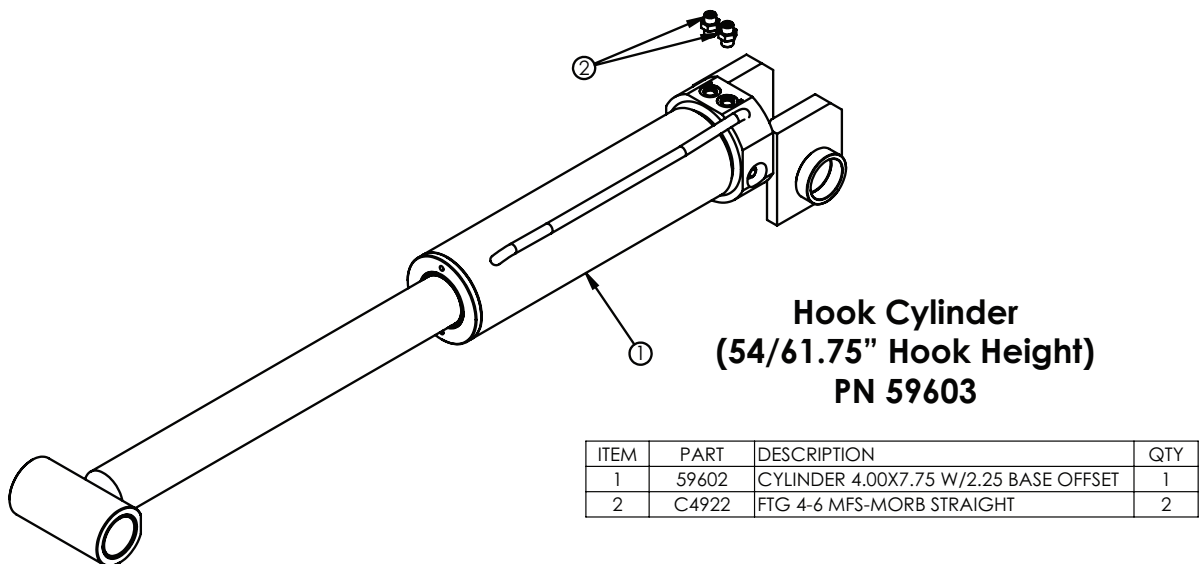
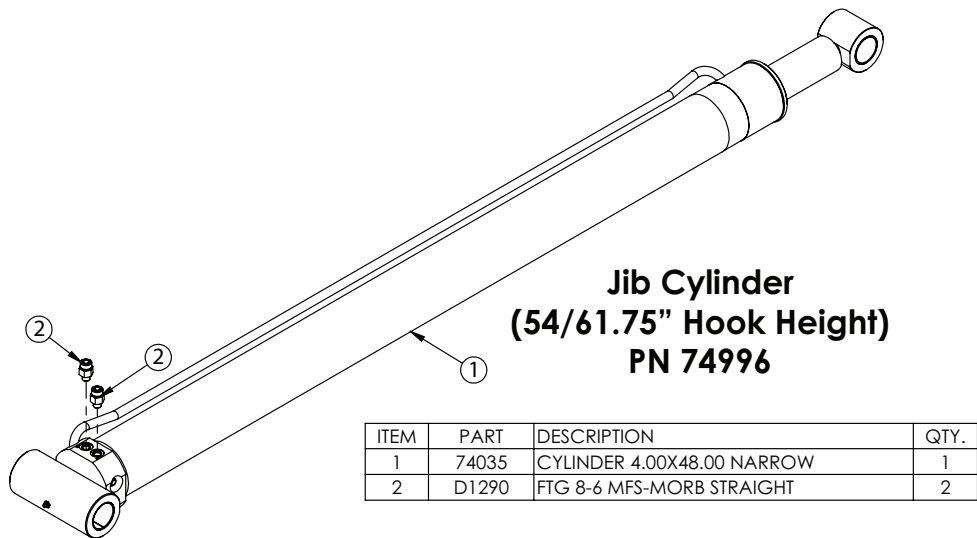
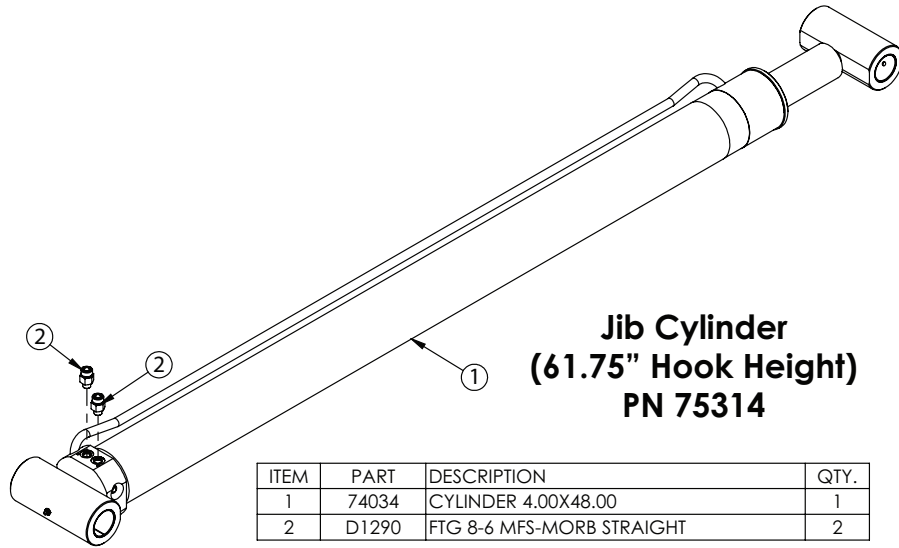
NOTE: WHEN PLACING HOSES (84946) FROM KIT (84957) INTO THE HOSE TRACK (74513) LEAVE 16 INCHES OF HOSE OUT THE TOP OF THE HOSE TRACK AND ABOUT 3 INCHES AT THE BOTTOM.



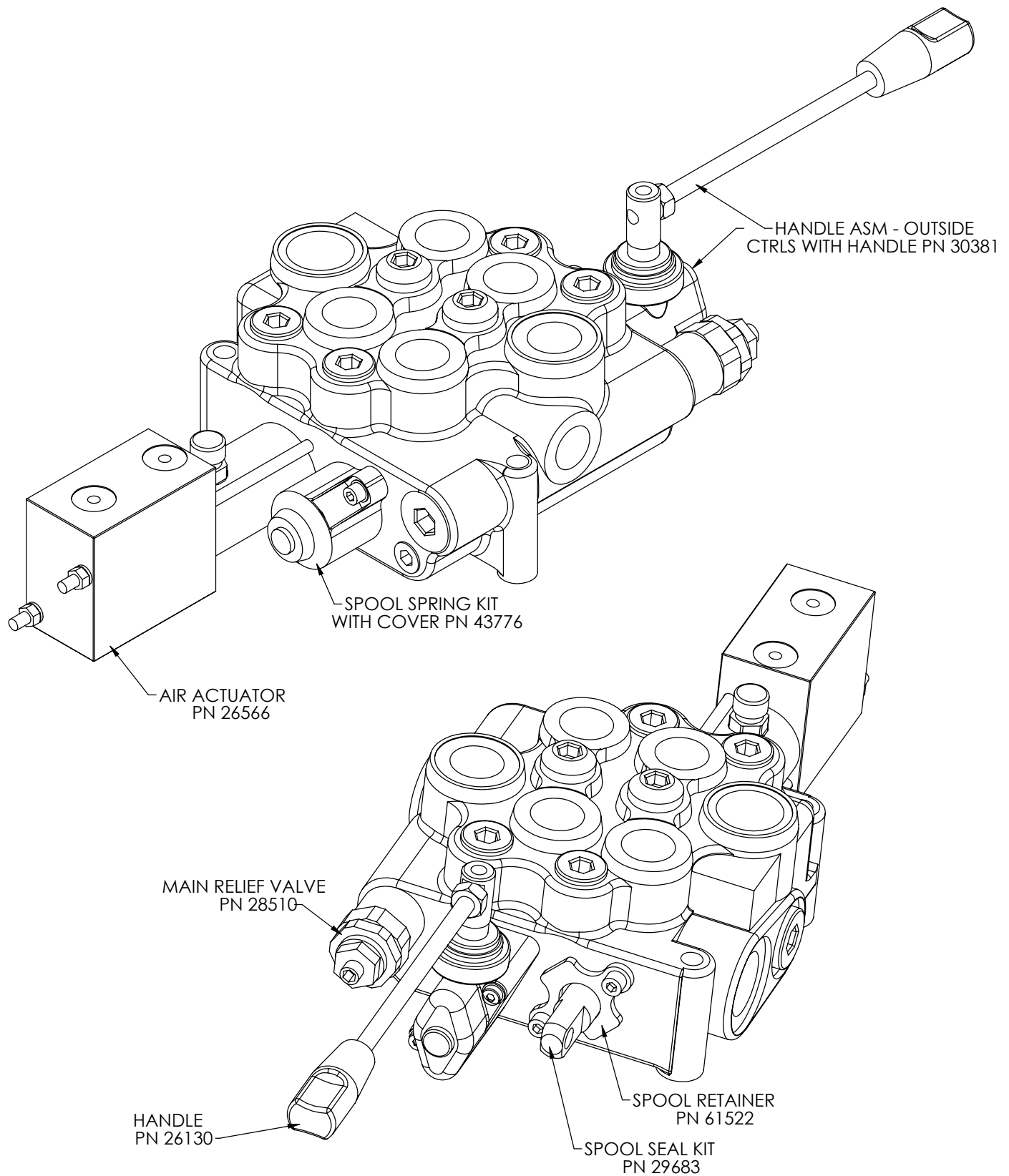
PN 74509

ITEM	PART	DESCRIPTION	QTY.
1	74511	HOSE TRACK WLDMT SLIDER50	1
2	74513	HOSE TRACK SLIDER50	1
3	D0894	CAP SCR #10-24X0.75 BTNHD SS	4
4	C4956	NUT #10-24 HH NYLOC SS	4
5	D0178	WASHER #10 SAE FLAT	4
6	0343	WASHER 0.31 USS FLAT	2
7	0420	CAP SCR 0.31-18X0.75 HHGR5	2
8	0478	CAP SCR 0.25-20X0.50 HHGR5	2
9	0340	WASHER 0.25 USS FLAT	2
10	54214	ANGLE FORMED 0.63X1.50X12GAX3.00	1

Slider50 Cylinder Assemblies



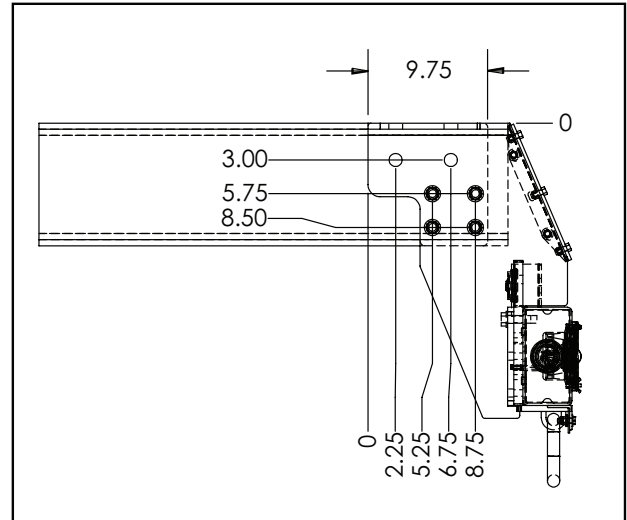
Valve Bank Parts Drawing



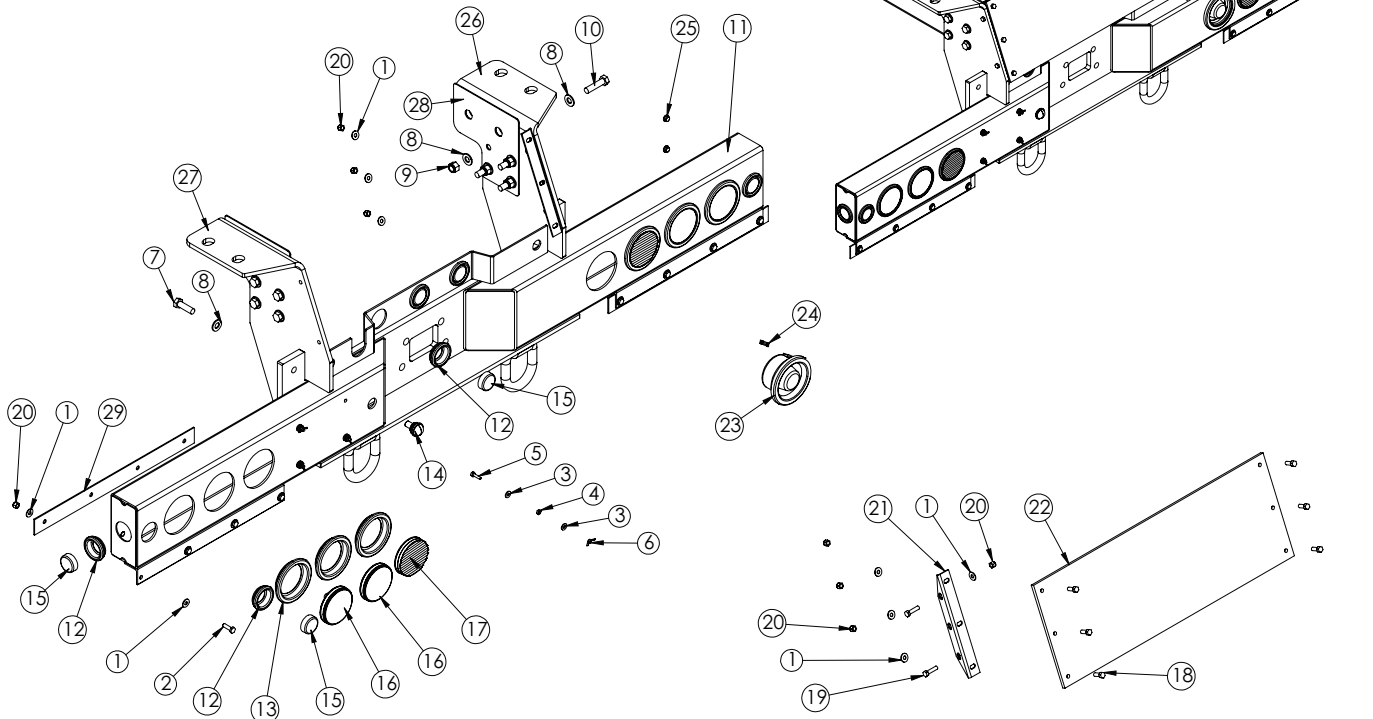
Pintle Bumper - PN 76381

PN 76381

ITEM	PART No.	DESCRIPTION	QTY.
1	0346	WASHER 0.38 FLAT	26
2	0335	CAP SCR 0.38-16X1.25 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 0.38-16X1.00 HHGR5	6
19	0345	CAP SCR 0.38-16X1.50 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 16-14 BLUE BUTT WATER TIGHT	2
25	65956	PLUG PLASTIC 0.56 HOLE	4
26	75644	SHEAR PLATE WLDMT BUMPER MOUNT SLIDER50 CS	1
27	75640	SHEAR PLATE WLDMT BUMPER MOUNT SLIDER50 SS	1
28	75645	SPACER .13 AL SHEAR PLATE BUMPER SLIDER50	2
29	45039	PLATE MUD FLAP BACKING KPCC PC BLACK	2

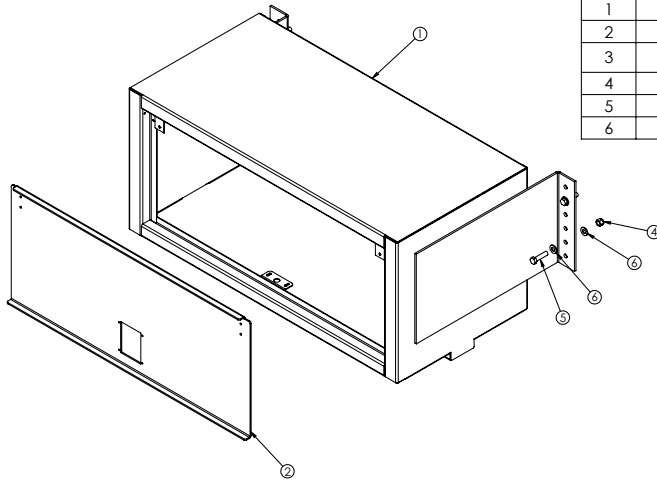


ITEMS NOT SHOWN:
 38056 - WIRE HARNESS FMV108 HOOK LOADER X 1
 40310 - WIRE HARNESS FMVSS108 CHASSIS X 1



Toolbox Assembly - PN 8480

PN 8480

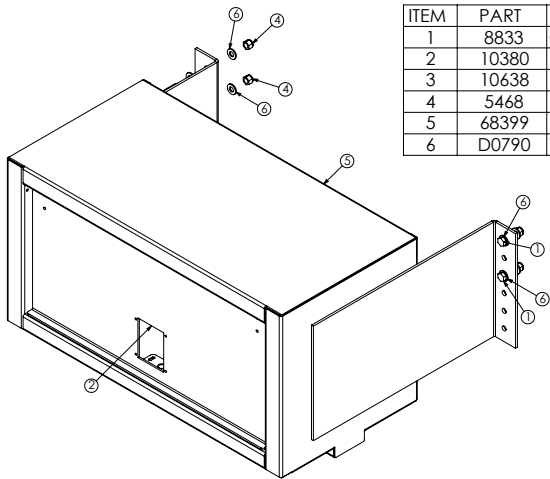


ITEM	PART	DESCRIPTION	QTY.
1	66791	UBTB WLDMT OH 20X45X22 W/MOUNTS	1
2	7193	DOOR AL OH 17.13X40.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	8833	CAP SCR 0.50-13X2.00 HHGR8	4
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

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

Toolbox Assembly - PN 10401

PN 10401

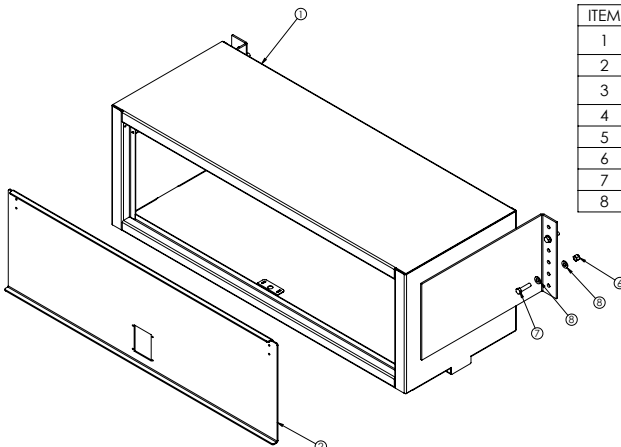


ITEM	PART	DESCRIPTION	QTY.
1	8833	CAP SCR 0.50-13X2.00 HHGR8	4
2	10380	DOOR AL OH 15.19X31.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	68399	UBTB WLDMT OH OH 18X36X18 W/MOUNTS TAB	1
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

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

Toolbox Assembly - PN 10402

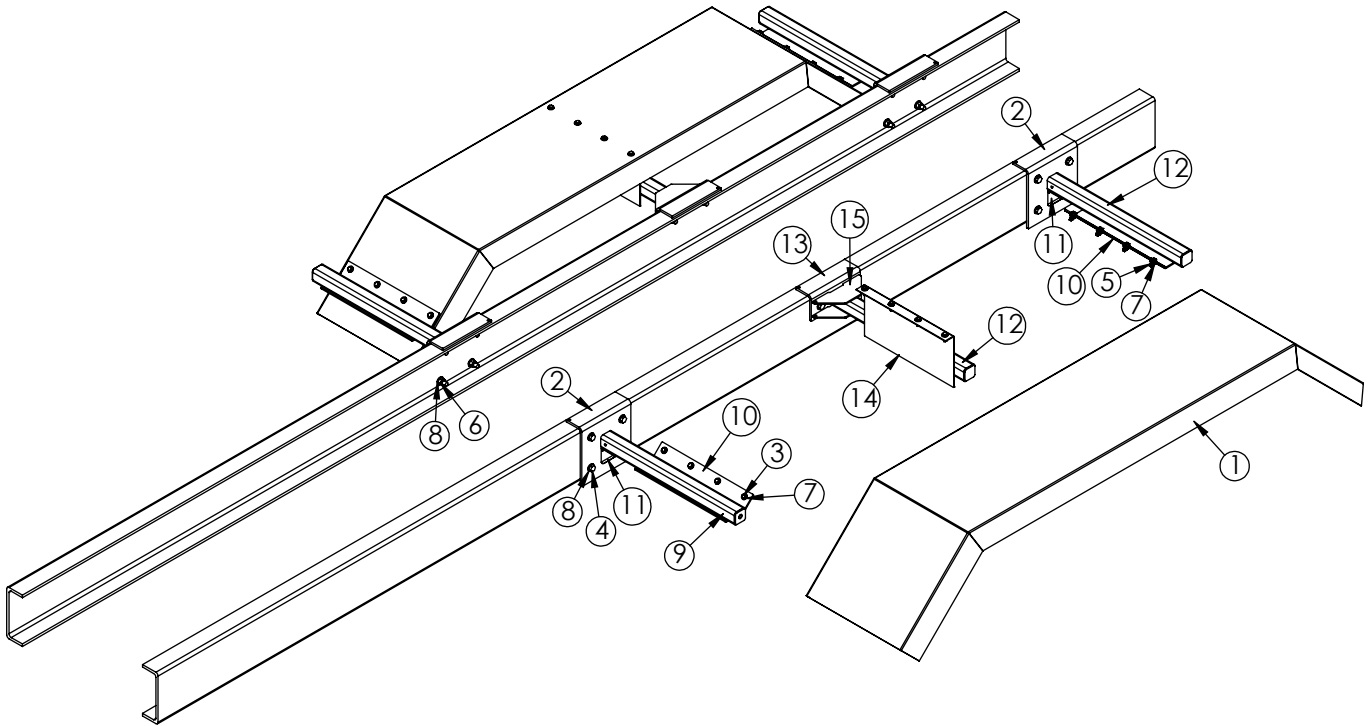
PN 10402



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

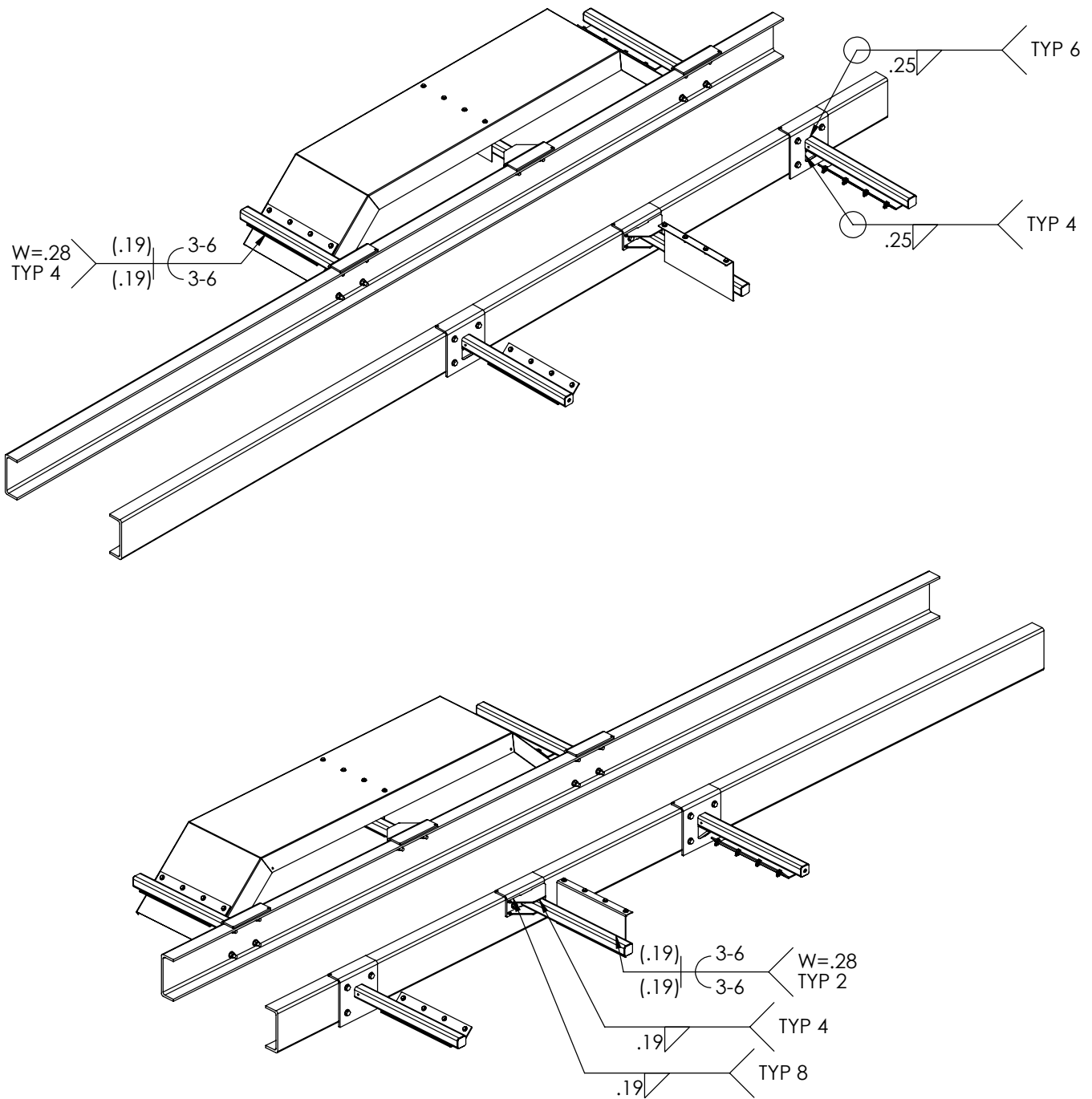
Optional Fender Kit - PN 115695



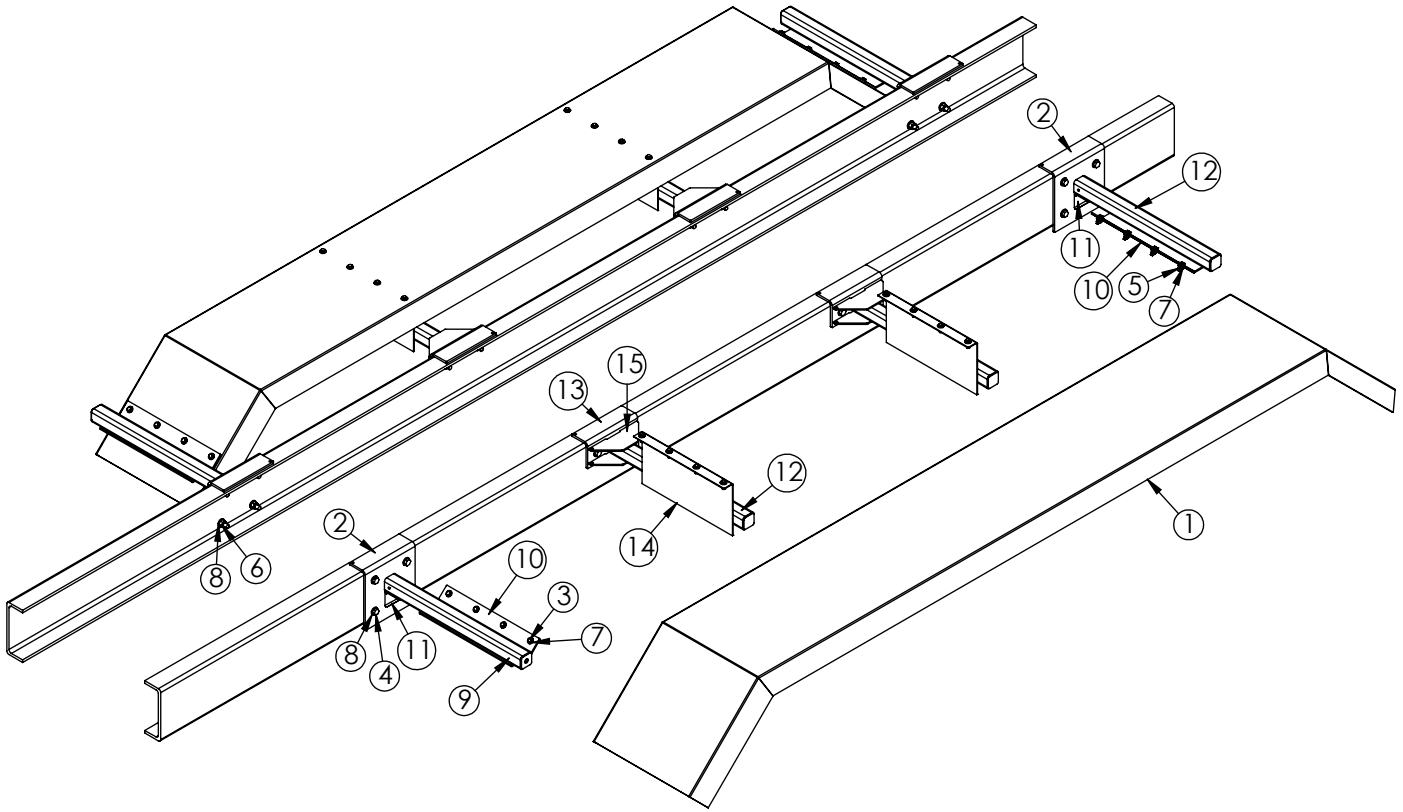
PN 115695

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.



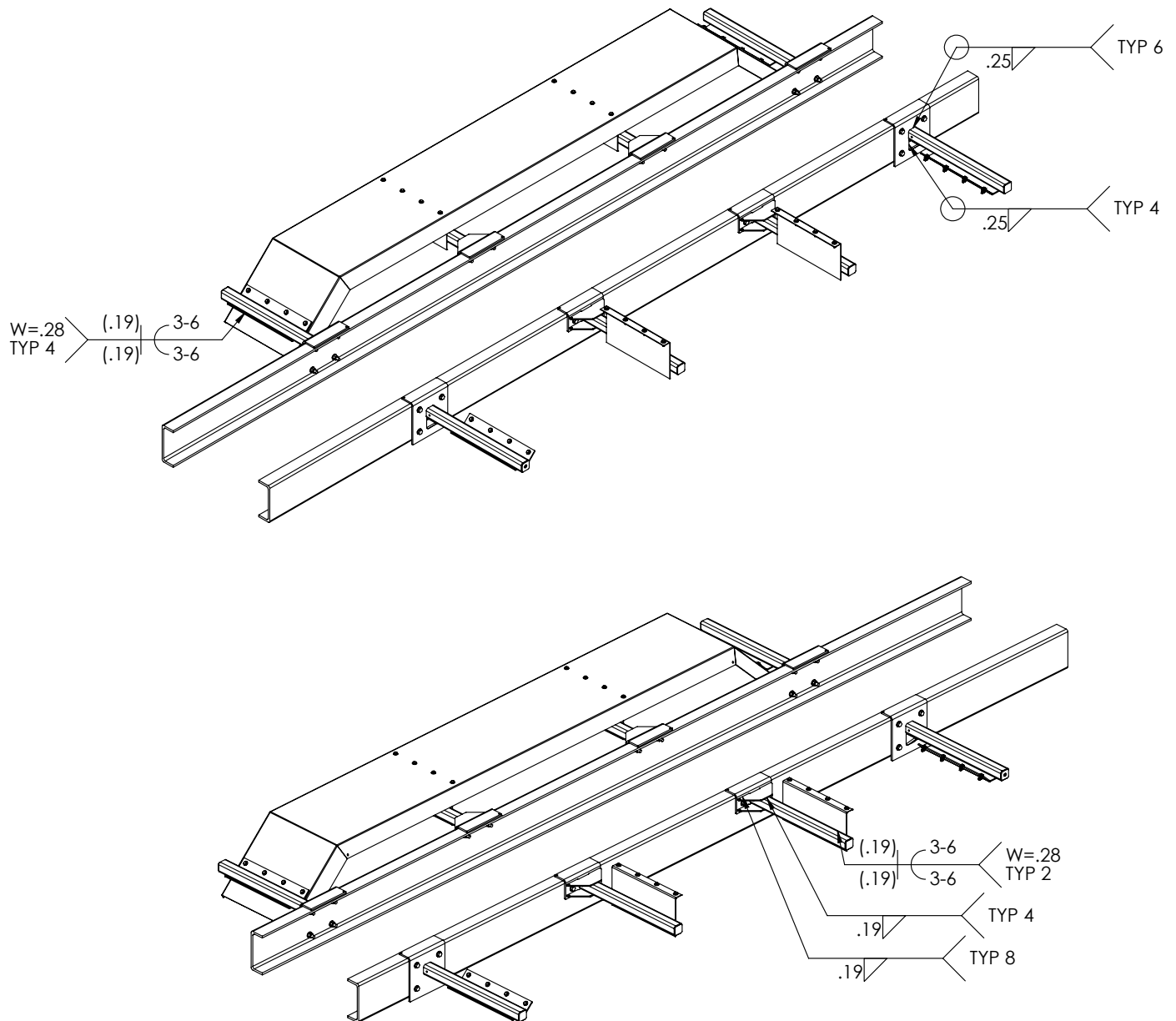
Optional Fender Kit - PN 115698



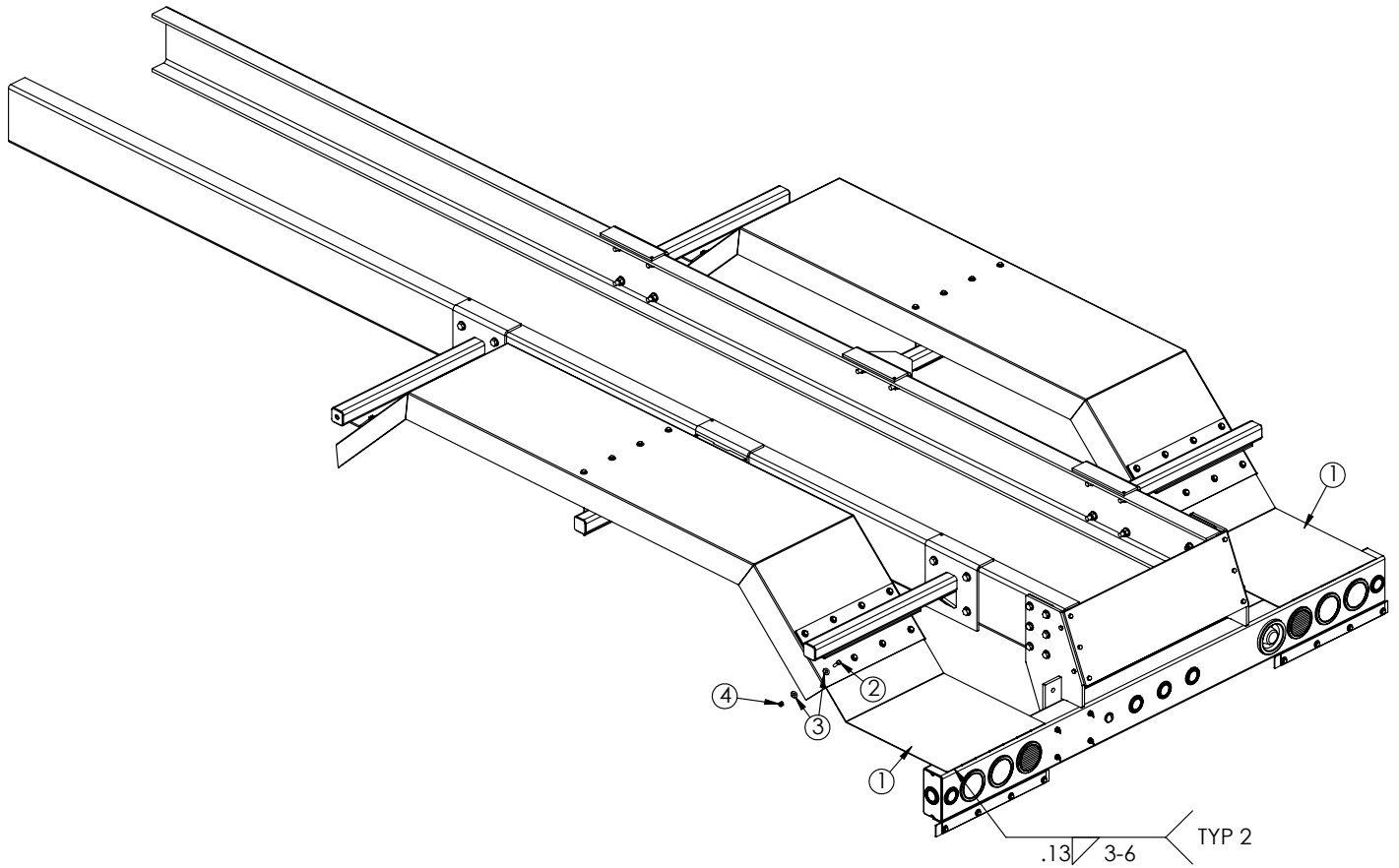
PN 115698

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 TARPEN 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



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