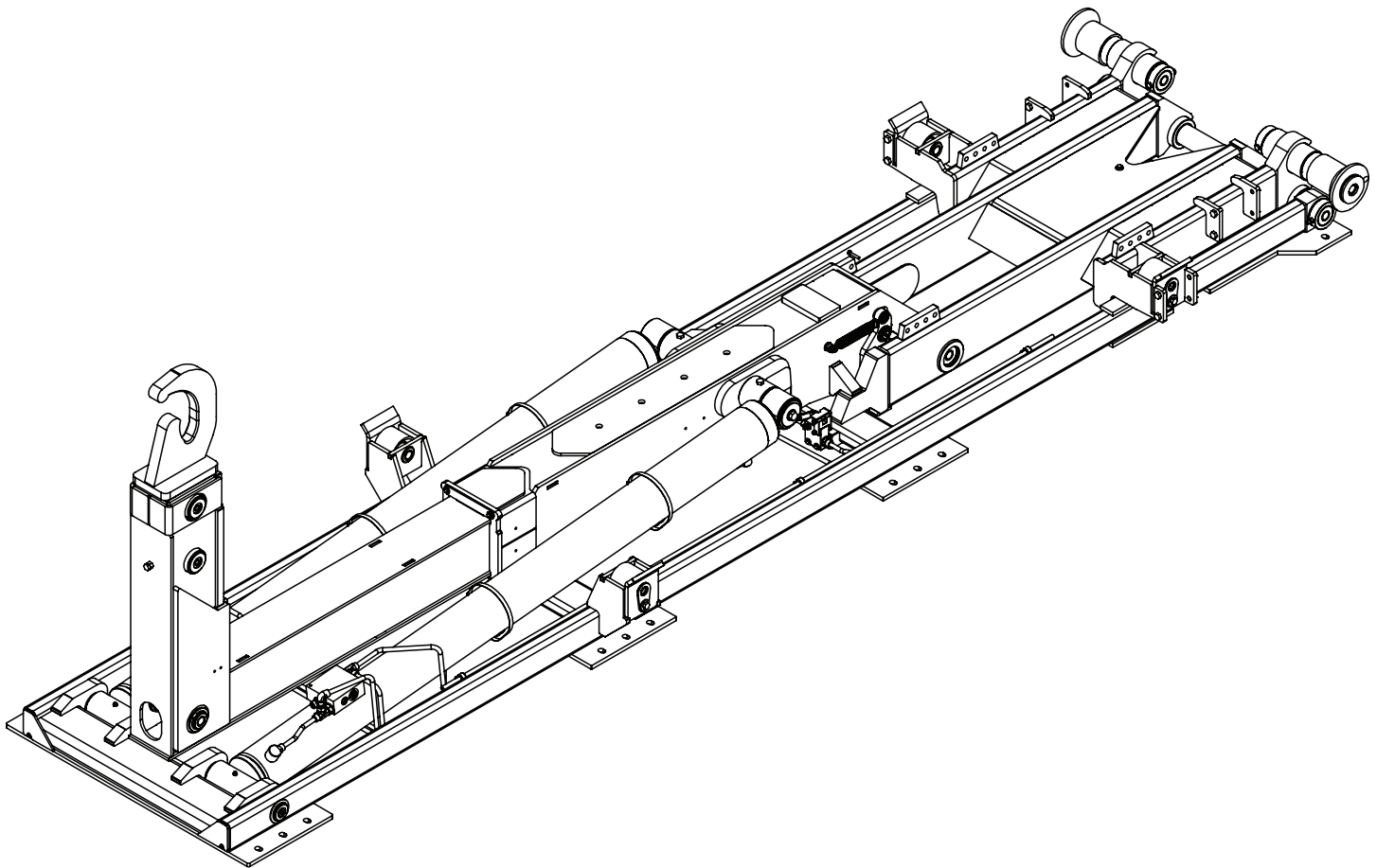




Slider26 Hooklift Owner's Manual

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

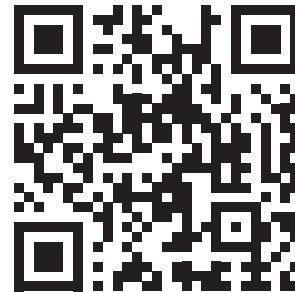
Subject to Change without Notification.
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Rev 4
PN 89376

P65 Warning / Cold Weather Notice

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.

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

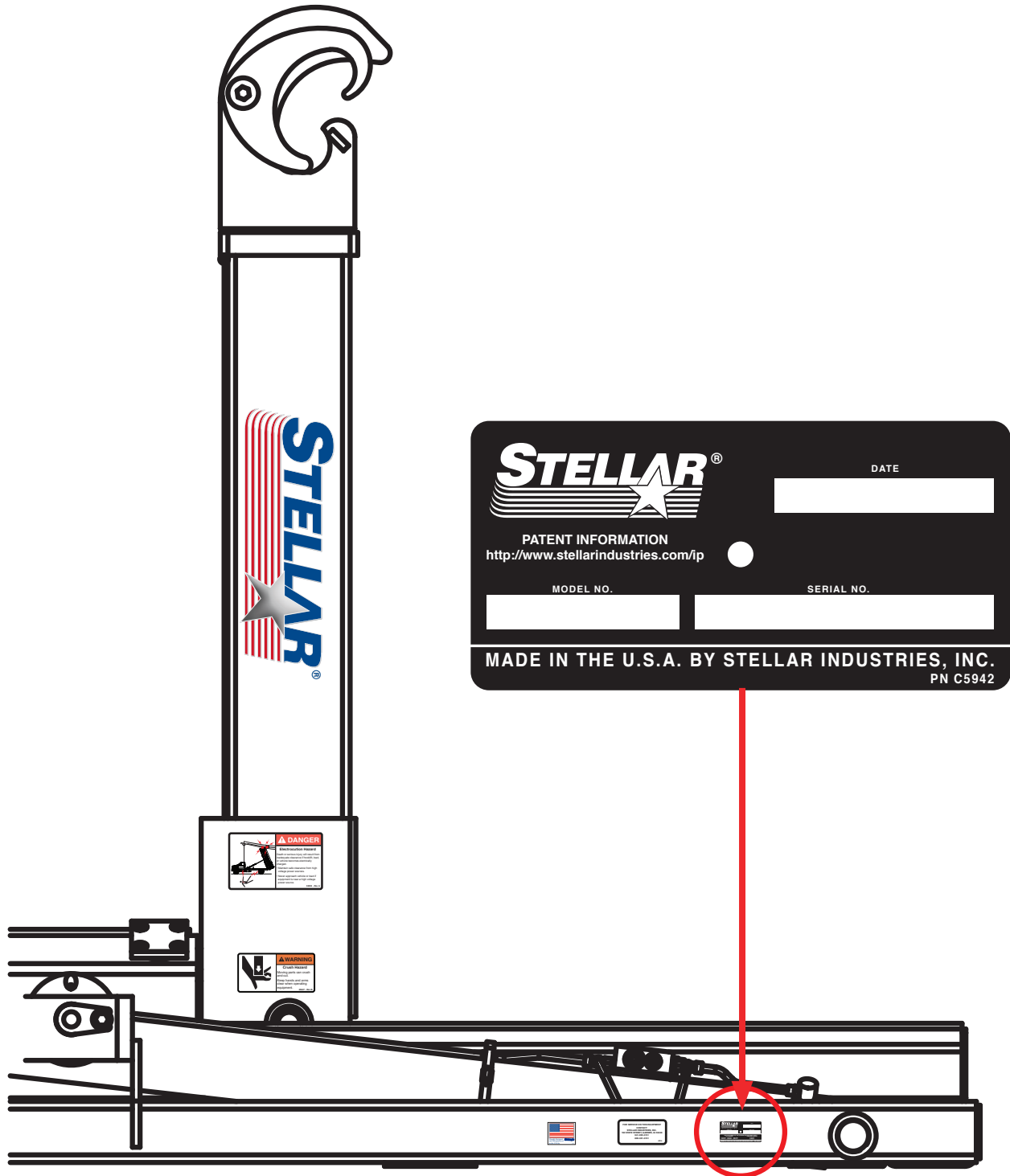
parts@stellarindustries.com

Warranty Information

warranty@stellarindustries.com

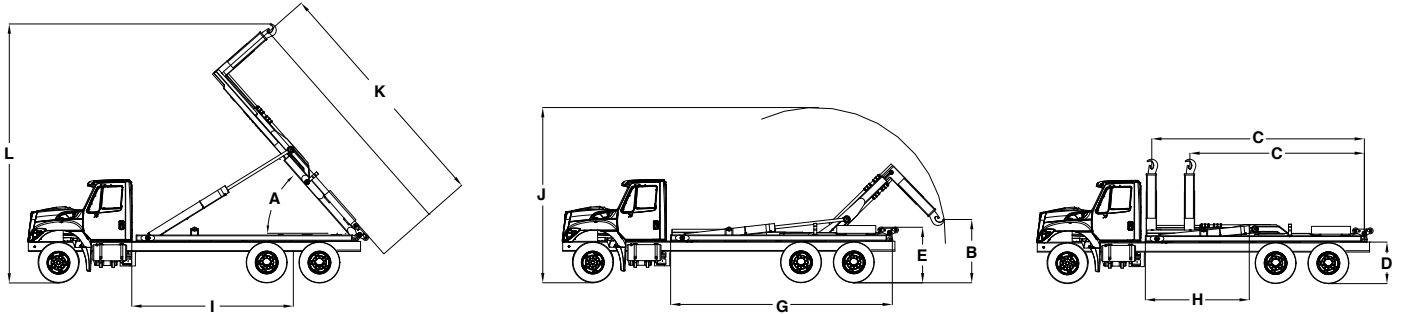
Serial Tag Location

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



Chapter 1 - Specifications

Slider26 Specifications



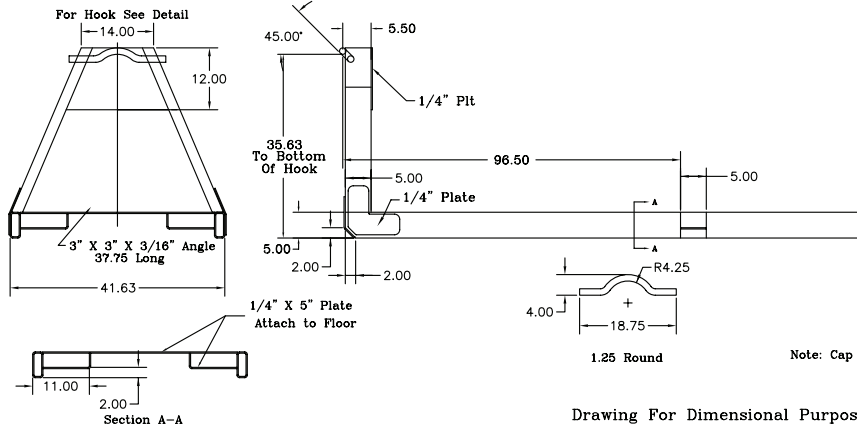
	36" (91 cm) to 54" (137 cm) Adj. Hook Height (Manual)	36" (91 cm) to 54" (137 cm) Adj. Hook Height (Hydraulic)	54" (137 cm) to 62" (157.5 cm) Adj. Hook Height (Manual)	54" (137 cm) to 62" (157.5 cm) Adj. Hook Height (Hydraulic)
Lifting Capacity	30,000 lbs (13,608 kg)	30,000 lbs (13,608 kg)	30,000 lbs (13,608 kg)	30,000 lbs (13,608 kg)
Dumping Capacity	30,000 lbs (13,608 kg)	30,000 lbs (13,608 kg)	30,000 lbs (13,608 kg)	30,000 lbs (13,608 kg)
A Dump Angle	68°	68°	68°	68°
B Lowest Hook Height	30.63" or 12.25" (78 cm or 31 cm)	30.63" or 12.25" (78 cm or 31 cm)	12.25" or 4.50" (31 cm or 11.5 cm)	12.25" or 4.50" (31 cm or 11.5 cm)
C Effective Length	120.4" – 169.4" (3.05 – 4.3 m)	120.4" – 169.4" (3.05 – 4.3 m)	120.4" – 169.4" (3.05 – 4.3 m)	120.4" – 169.4" (3.05 – 4.3 m)
D Truck Frame Height	40" (102 cm)	40" (102 cm)	40" (102 cm)	40" (102 cm)
E Hooklift Height	50.5" (128 cm)	50.5" (128 cm)	50.5" (128 cm)	50.5" (128 cm)
G Hooklift Length	181.38" (461 cm)	181.38" (461 cm)	181.38" (461 cm)	181.38" (461 cm)
H Hooklift Center of Gravity	81.50" (207 cm)	81.50" (207 cm)	81.50" (207 cm)	80" (203 cm)
I Chassis Cab to Axle	130" to 144"*** (330 cm to 366 cm)***	130" to 144"*** (330 cm to 366 cm)***	130" to 144"*** (330 cm to 366 cm)***	130" to 144"*** (330 cm to 366 cm)***
Chassis Cab to Trunion	130" to 138"*** (330 cm to 350.5 cm)***	130" to 138"*** (330 cm to 350.5 cm)***	130" to 138"*** (330 cm to 350.5 cm)***	130" to 138"*** (330 cm to 350.5 cm)***
J Max. Height When Loading	152" or 157.5" (386 cm or 400 cm)	152" or 157.5" (386 cm or 400 cm)	152" or 157.5" (386 cm or 400 cm)	152" or 157.5" (386 cm or 400 cm)
K Longest Body When Dumping	18' (5.5 m)	18' (5.5 m)	18' (5.5 m)	18' (5.5 m)
L Max. Height When Dumping	232.43" or 235.43" (590 cm or 598 cm)	232.43" or 235.43" (590 cm or 598 cm)	232.43" or 235.43" (590 cm or 598 cm)	232.43" or 235.43" (590 cm or 598 cm)
Maximum Operating Pressure	4,500 psi (31 MPa)	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)	24 gpm (91 lpm)
Shipping Weight	3,400 lbs (1,452 kg)	3,500 lbs (1,588 kg)	3,500 lbs (1,588 kg)	3,600 lbs (1,633 kg)
Shipping Dimensions (LxWxH)	185" x 46" x 58" (470 cm x 117 cm x 147 cm)	185" x 46" x 58" (470 cm x 117 cm x 147 cm)	185" x 46" x 76" (470 cm x 117 cm x 193 cm)	185" x 46" x 76" (470 cm x 117 cm x 193 cm)
Minimum Truck GVWR	33,000 lbs (14,968 kg)	33,000 lbs (14,968 kg)	33,000 lbs (14,968 kg)	33,000 lbs (14,968 kg)
Load Angle w/Shortest Body Length	43° or 37°	43° or 37°	43° or 37°	43° or 37°
Recommended Container Lengths*	12' to 16' (3.7 m to 4.8 m)	12' to 16' (3.7 m to 4.8 m)	12' to 16' (3.7 m to 4.8 m)	12' to 16' (3.7 m to 4.8 m)
Recommended Flatbed Lengths**	12' to 18' (3.7 m to 5.4 m)	12' to 18' (3.7 m to 5.4 m)	12' to 18' (3.7 m to 5.4 m)	12' to 18' (3.7 m to 5.4 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

Slider26 Latch Locations for Skid Compatibility

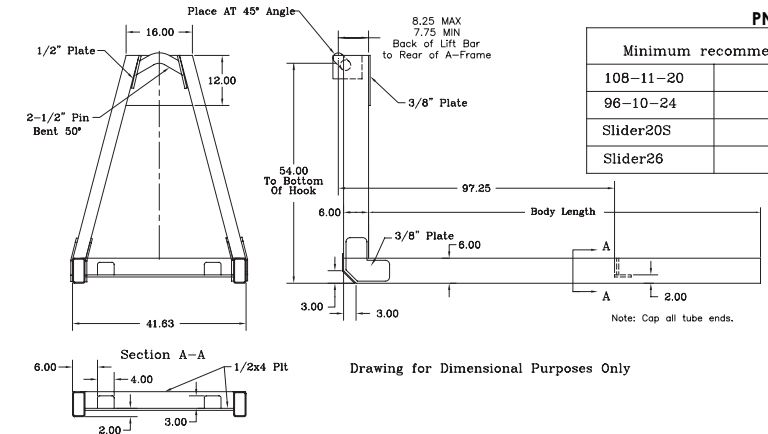


PN 3126

Minimum recommended rail construction.	
84-12-8	5x2x1/4
84-11-14	5x2x1/4
84-12-16	5x2x1/4
108-12-20/36	5x2x1/4
84-12-9SP	5x2x1/4
84-12-13SP	5x2x1/4
84-10 (Flex36)	5x2x1/4
84-12-12	5x2x1/4
Slider20S	5x2x1/4
Slider26	5x2x1/4

Note: Cap all tube ends.

Drawing For Dimensional Purposes Only

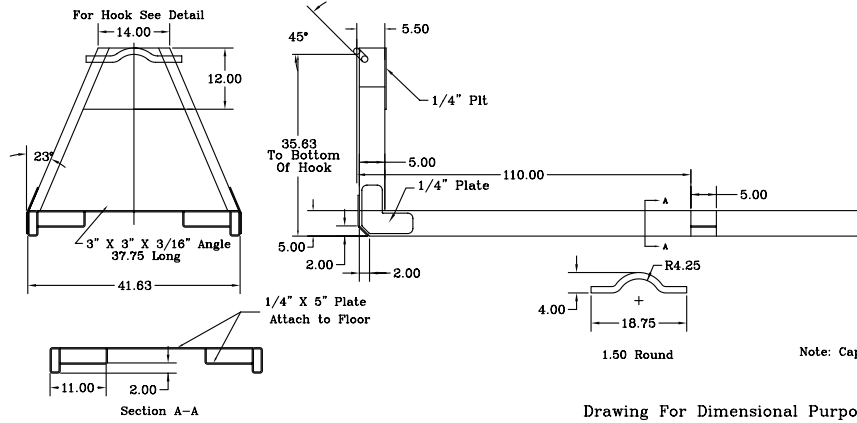


PN 3123

Minimum recommended rail construction.	
108-11-20	6x2x1/4
96-10-24	6x2x1/4
Slider20S	6x2x1/4
Slider26	6x2x1/4

Note: Cap all tube ends.

Drawing For Dimensional Purposes Only

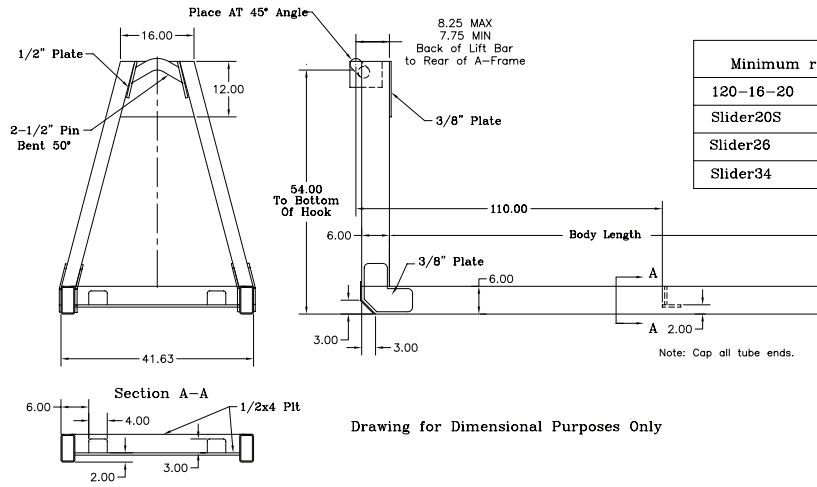


PN 3125

Minimum recommended rail construction.	
108-16-8	5x2x1/4
108-13-14	5x2x1/4
120-16-8	5x2x1/4
120-16-12	5x2x1/4
120-14-14	5x2x1/4
120-15-16	5x2x1/4
120-16-16	5x2x1/4
108-12 (Flex36)	5x2x1/4
120-14 (Flex36)	5x2x1/4
Slider20S	5x2x1/4
Slider26	5x2x1/4

Note: Cap all tube ends.

Drawing For Dimensional Purposes Only



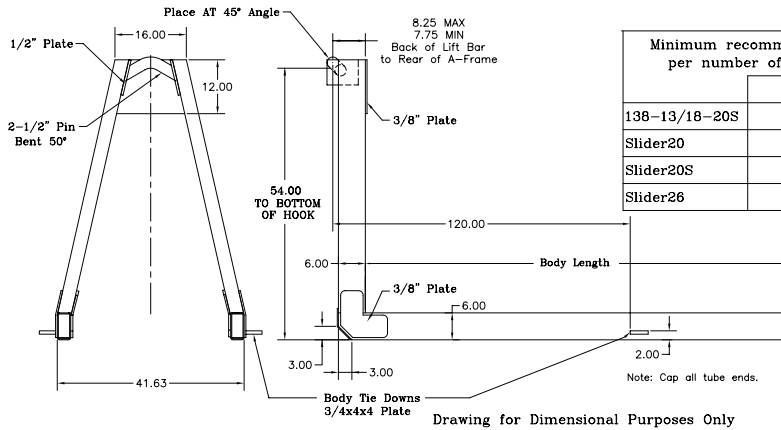
PN 3122

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

Note: Cap all tube ends.

Drawing For Dimensional Purposes Only

Slider26 Latch Locations for Skid Compatibility (cont.)

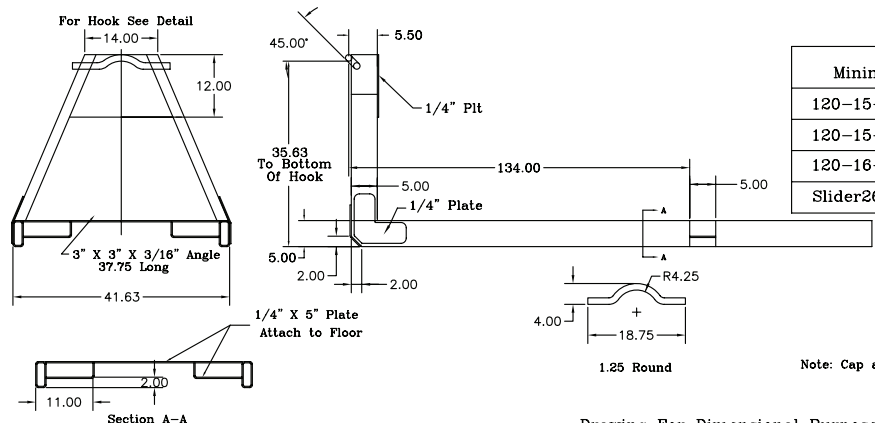


PN 97428

Minimum recommended rail construction per number of rear rollers on loader.

	Single	Double
138-13/18-20S	6x2x1/4	6x2x1/4
Slider20	6x2x1/4	6x2x1/4
Slider20S	6x2x1/4	6x2x1/4
Slider26	6x2x1/4	6x2x1/4

Drawing for Dimensional Purposes Only



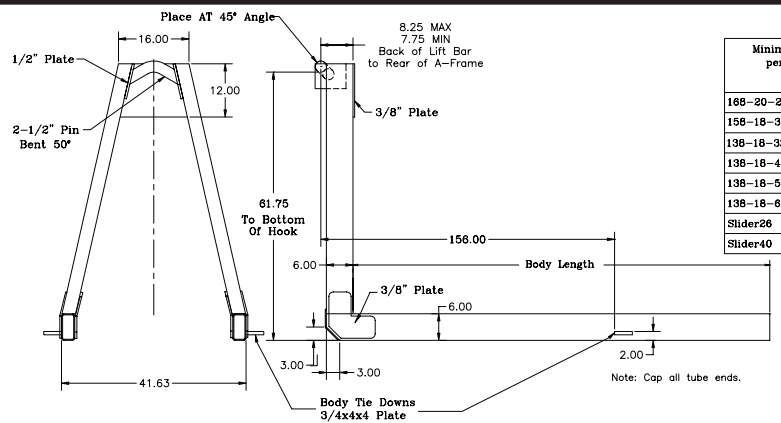
PN 97425

Minimum recommended rail construction.

120-15-9SP	5x2x1/4
120-15-13SP	5x2x1/4
120-16-13SP	5x2x1/4
Slider26	6x2x1/4

Note: Cap all tube ends.

Drawing For Dimensional Purposes Only



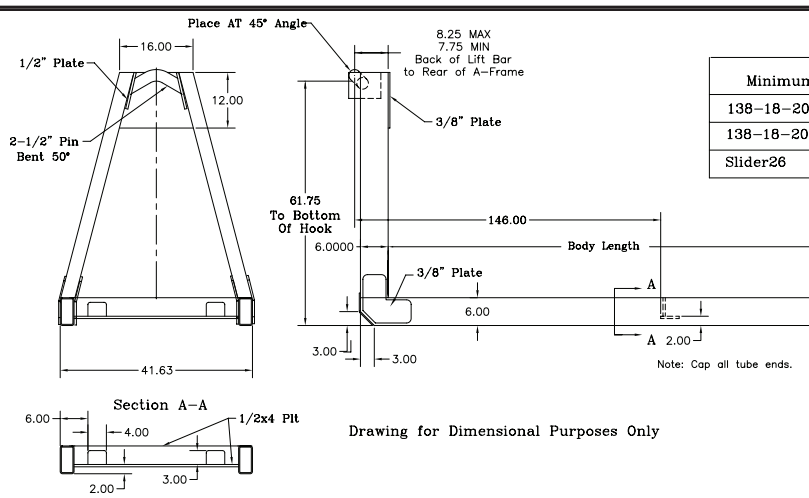
PN 3118

Minimum recommended rail construction per number of rear rollers on loader.

	Single	Double
168-20-20	6x2x1/4	6x2x1/4
158-18-32	6x2x1/4 & 1/2x2 PIT	6x2x1/4
138-18-32	6x2x1/4 & 1/2x2 PIT	6x2x1/4
138-18-40	6x3x3/8 & 1/2x3 PIT	6x3x3/8 & 1/2x3 PIT
138-18-52	6x3x3/8 & 1/2x3 PIT	6x3x3/8 & 1/2x3 PIT
138-18-65	6x3x3/8 & 1/2x3 PIT	6x3x3/8 & 1/2x3 PIT
Slider26	6x3x3/8 & 1/2x3 PIT	6x3x3/8 & 1/2x3 PIT
Slider40	6x3x3/8 & 1/2x3 PIT	6x3x3/8 & 1/2x3 PIT

Note: Cap all tube ends.

Drawing for Dimensional Purposes Only



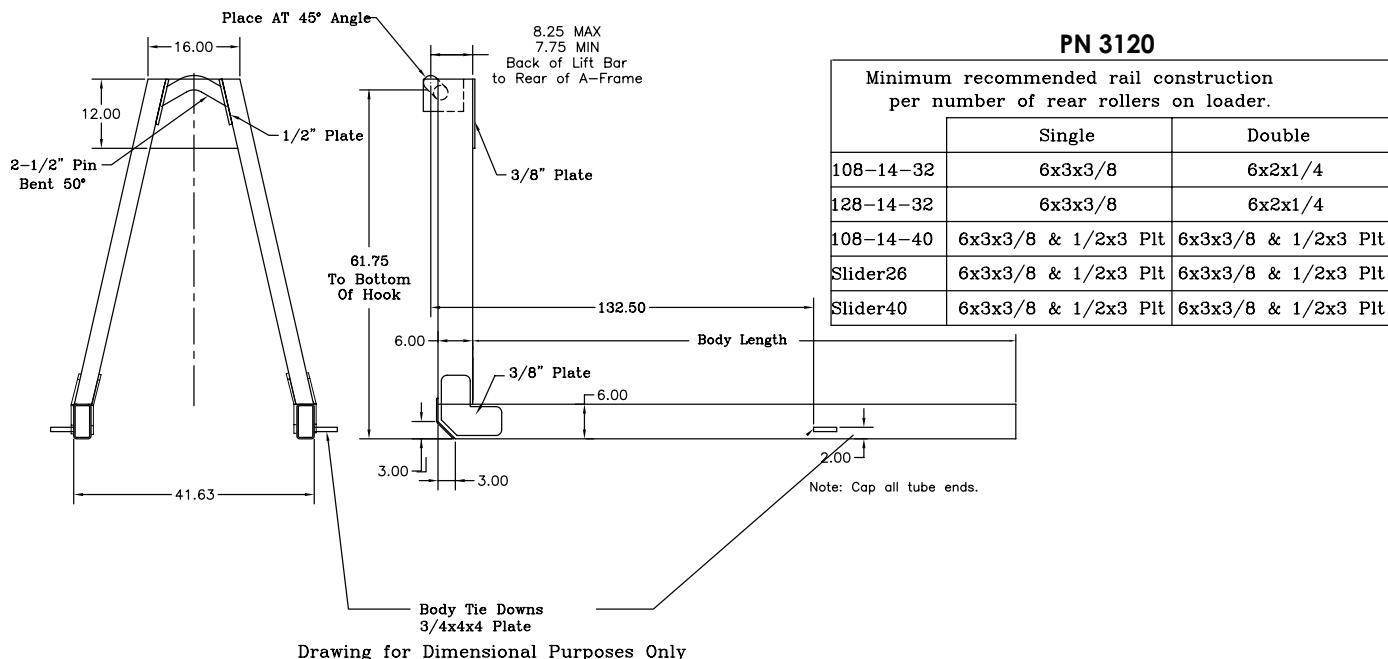
PN 3121

Minimum recommended rail construction.

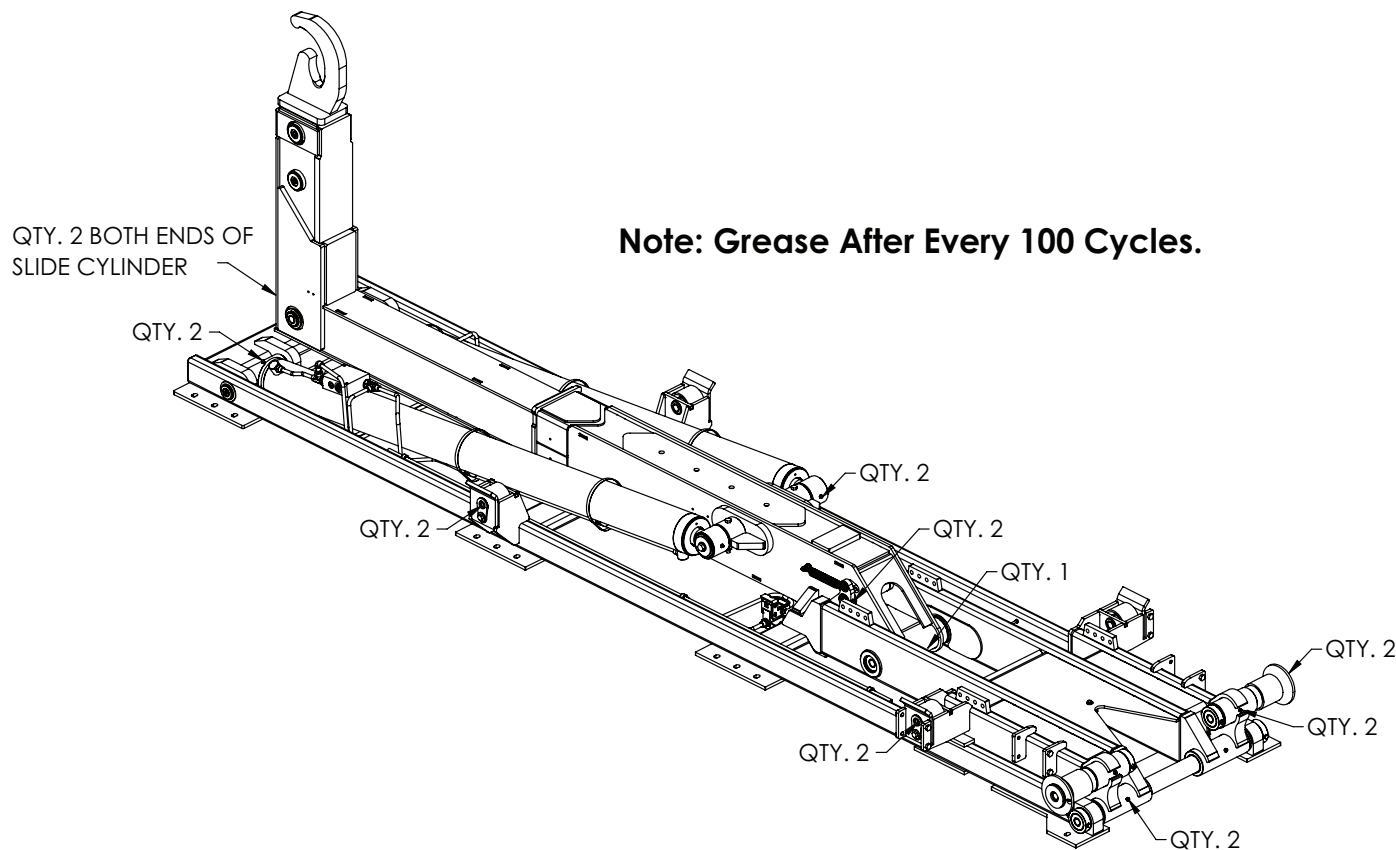
138-18-20	6x2x1/4
138-18-20 SPL	6x2x1/4
Slider26	6x2x1/4

Note: Cap all tube ends.

Slider26 Latch Locations for Skid Compatibility (cont.)



Slider26 Grease Zerk Locations



Chapter 2 - Installation

General Installation

This chapter is designed to serve as a general guide for the installation of a Stellar® Slider26 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.

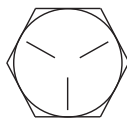
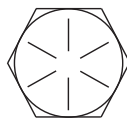
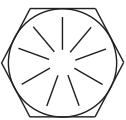
Therefore, the installer of Stellar® Hooklifts is considered one of the manufacturers of the vehicle. As such a manufacturer, the installer is responsible for compliance with all applicable federal and state regulations. They are required to certify that the vehicle is in compliance with the Federal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

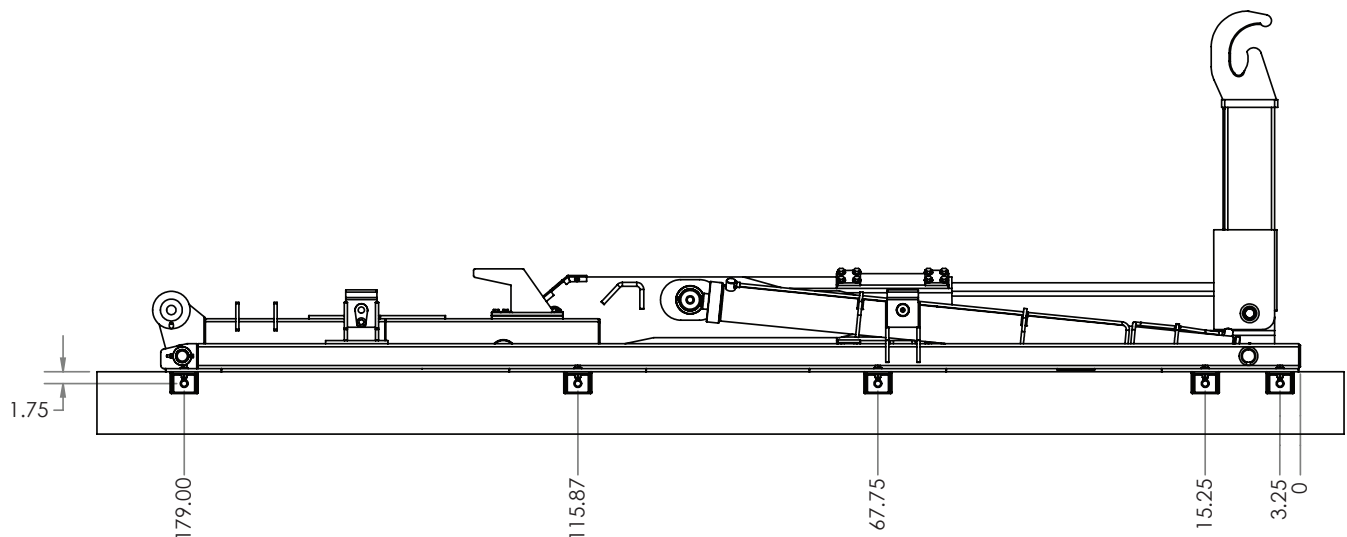
Installation Note

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: Drill mounting holes.

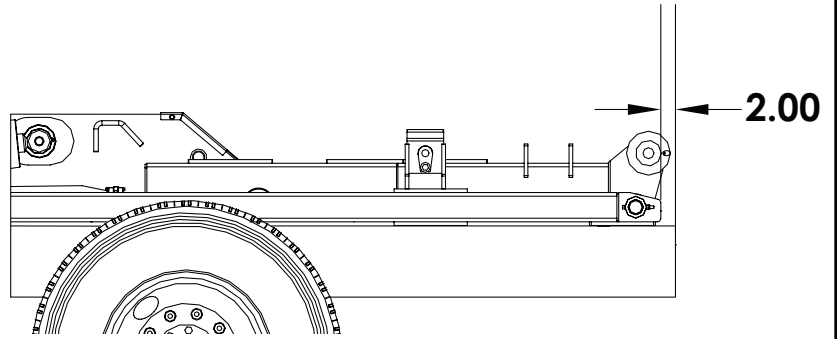


Note: These are approximate measurements from the front of the hooklift base. Specific applications may vary.

- 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.

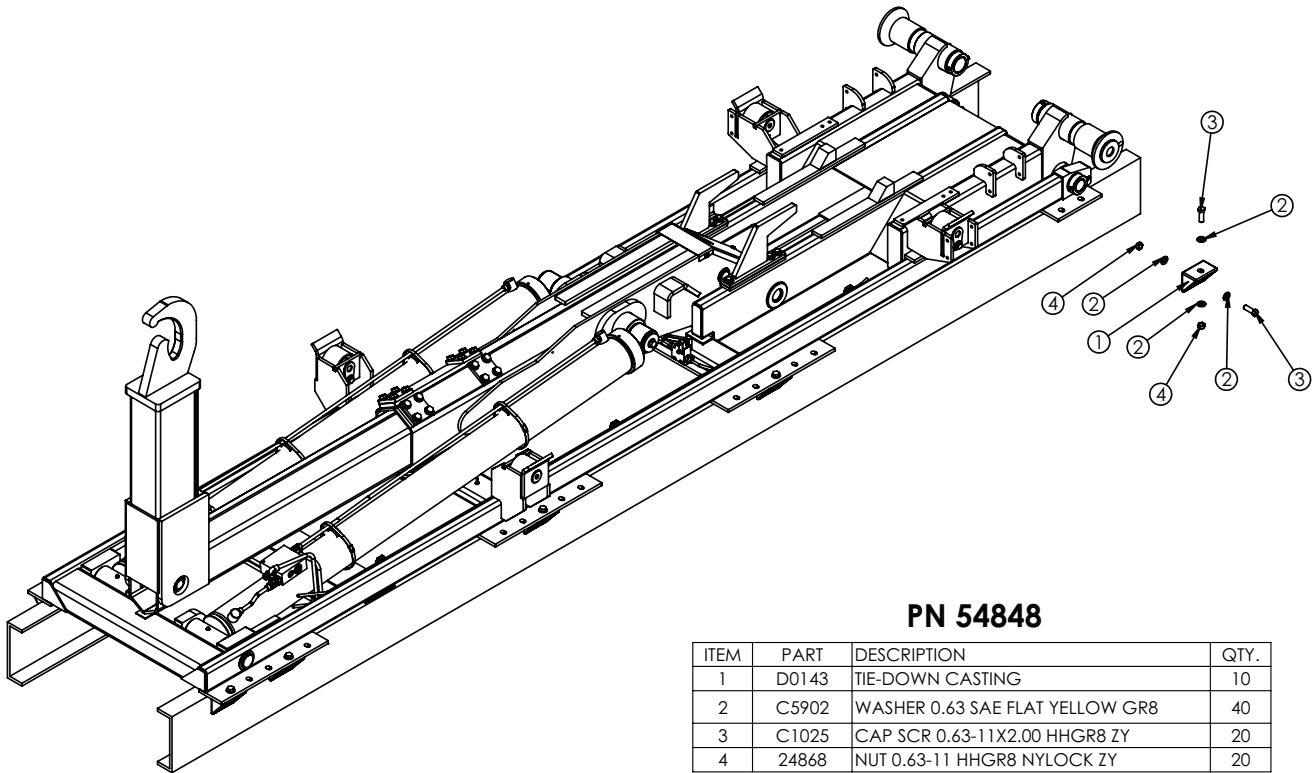
Step 3: Install bumper.

- 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:



Step 5: Install taper tower (If applicable).

See brand specific installation instructions.

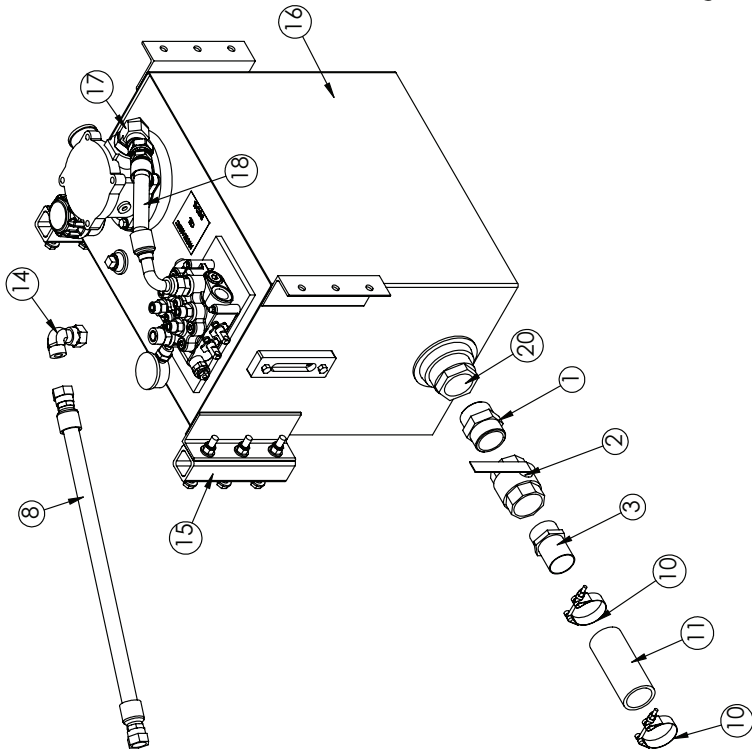
Step 6: Install hydraulic reservoir and valve bank.

- 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.**

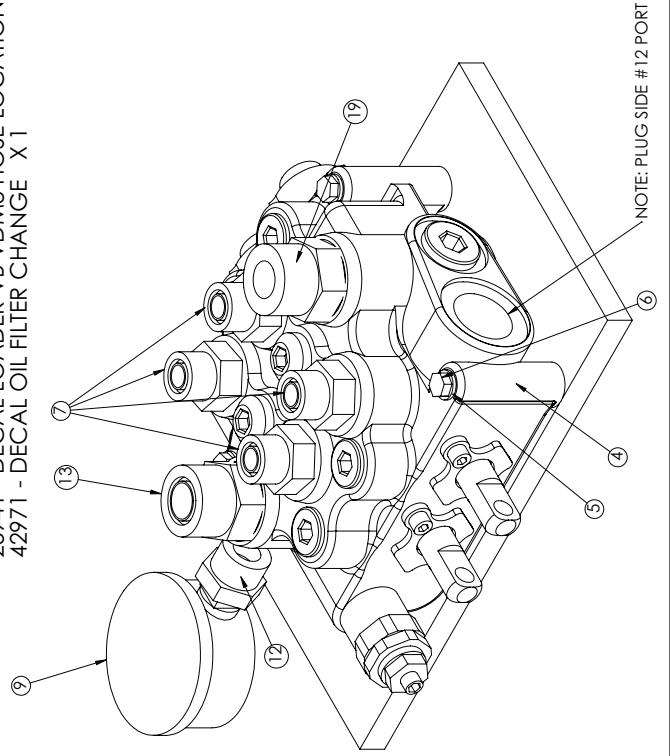
Reservoir Assembly (2 Section Cable Controls) - PN 94578

PN 94578

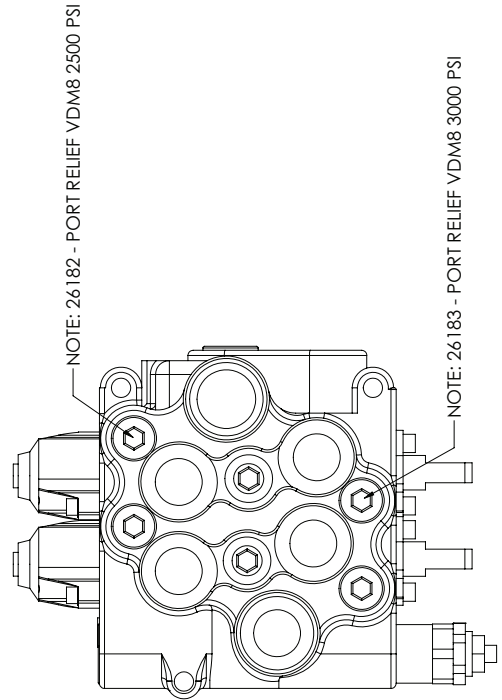
ITEM	PART	DESCRIPTION	QTY
1	7353	FTG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
2	C4750	VALVE BALL 2.00	1
3	C4750	FTG 32-32 MP-HB STRAIGHT	1
4	91222	VB 2-SECT VDM8 C4-C4-4200MRV-12-A-3000-B-2500-L1CHA-ZNCT	1
5	0521	WASHER 0.25 LOCK	3
6	0339	CAP SCR 0.25-20X2.50 HHGR5	3
7	C2252	FTG 8-10 MFS-MORB STRAIGHT	4
8	27119	HOSE 0.75(78C-12-JC-12-12-120)	1
9	10094	GAUGE OIL LF 2.5" O-5000 BM	1
10	C4819	HOSE CLAMP 2.00	2
11	17766	HOSE SUCT 2.00 10FT	1
12	25630	FTG 10-4 MORB-FP STRAIGHT	1
13	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
14	C4903	FTG 12-12 MFS-FFSS 90	1
15	83959	MNT KIT RSRVR 25G	1
16	86006	RSRVR ASM 25GAL K MODEL W/TANK TOP FILTER	1
17	60395	FTG 16-20 MFS-MAORB 90	1
18	86168	HOSE 0.75(300PSI)-16FFSS-SHORT-12FFSS 90 SHORT-8.50CL	1
19	C2142	FTG 12-12 MFS-MORB STRAIGHT	1
20	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



NOTE: PLUG SIDE #12 PORT

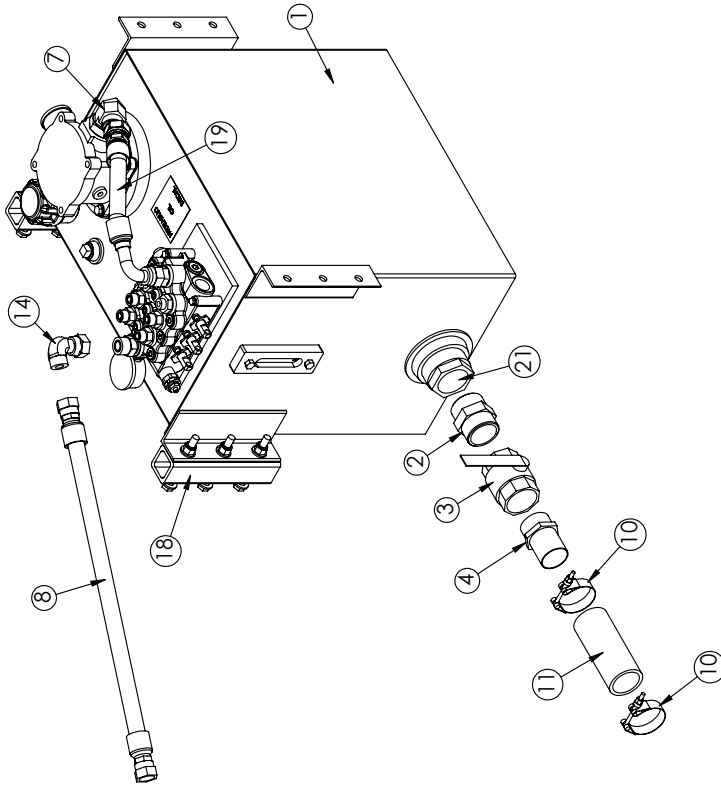


Reservoir Assembly (3 Section Cable Controls) - PN 94580

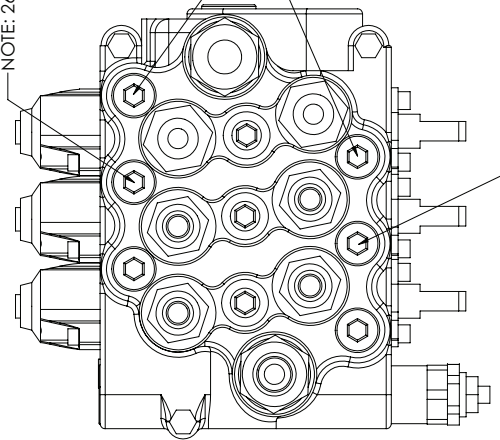
PN 94580

ITEM	PART	DESCRIPTION	QTY.
1	86006	RSRVR ASM 25GAL K MODEL W/ TANK TOP FILTER	1
2	7353	FIG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
3	C4750	VALVE BALL 2.00	1
4	C4730	FIG 32-32 MP-HB STRAIGHT	1
5	91223	VB 3-SECT VDM8 C4-C4-C4-4200MRV-(2-A-3000-R-2500)-CHA-ZNCT	1
6	0521	WASHER 0.25 LOCK	3
7	60395	FIG 16-20 MFS-MAORB 90	1
8	27119	HOSE 0.75(78C-12-JC-12-12-120)	1
9	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
10	c4819	HOSE CLAMP 2.00	2
11	17766	HOSE SUCT 2.00 10FT	1
12	25630	FIG 10-4 MORB-FP STRAIGHT	1
13	d1435	FIG 12-10 MFS-MORB STRAIGHT	1
14	c4903	FIG 12-12 MFS-FFSS 90	1
15	0339	CAP SCR 0.25-20X2.50 HHGR5	3
16	C1855	FIG 6-10 MFS-MORB STRAIGHT	2
17	C2252	FIG 8-10 MFS-MORB STRAIGHT	4
18	83959	MNT KIT RSRVR 25G	1
19	86168	HOSE 0.75(300PSI)-12FFSS SHORT-12FFSS 90 SHORT-8.50CL	1
20	C2142	FIG 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

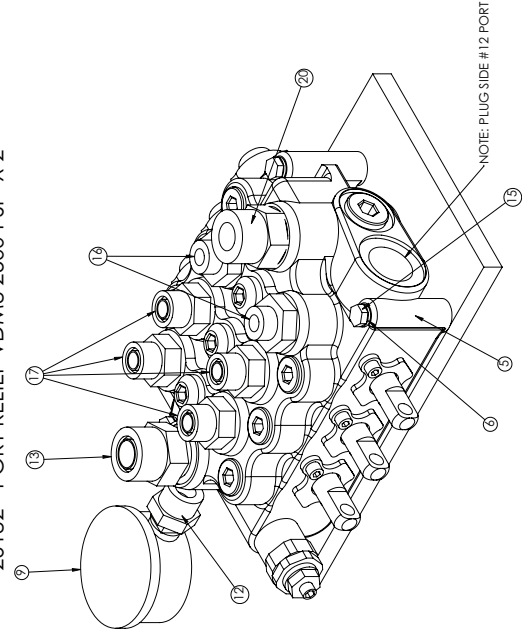


NOTE: 26182 - PORT RELIEF VDM8 2500 PSI



NOTE: INSTALL PORT RELIEF 26182 HERE.

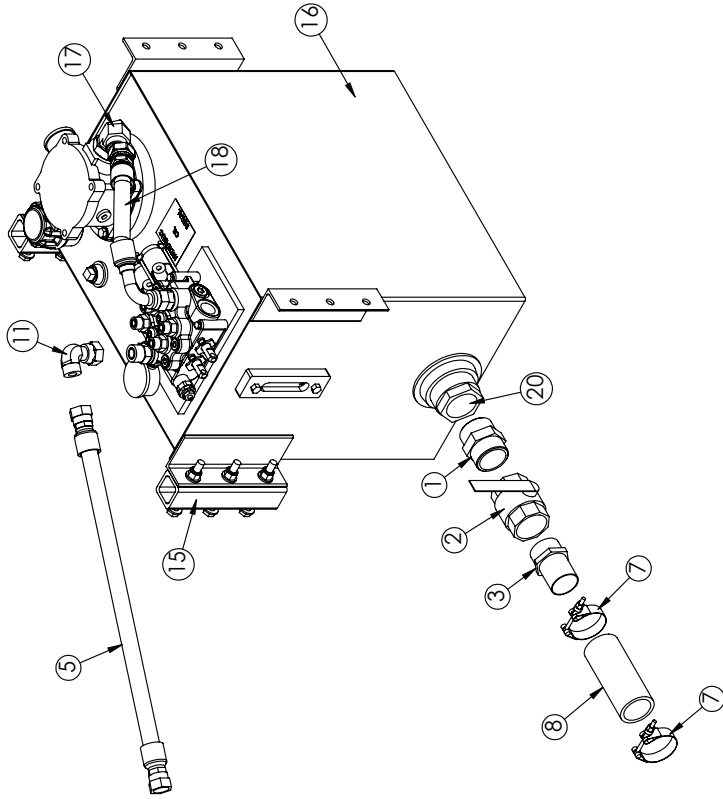
NOTE: 26183 - PORT RELIEF VDM8 3000 PSI



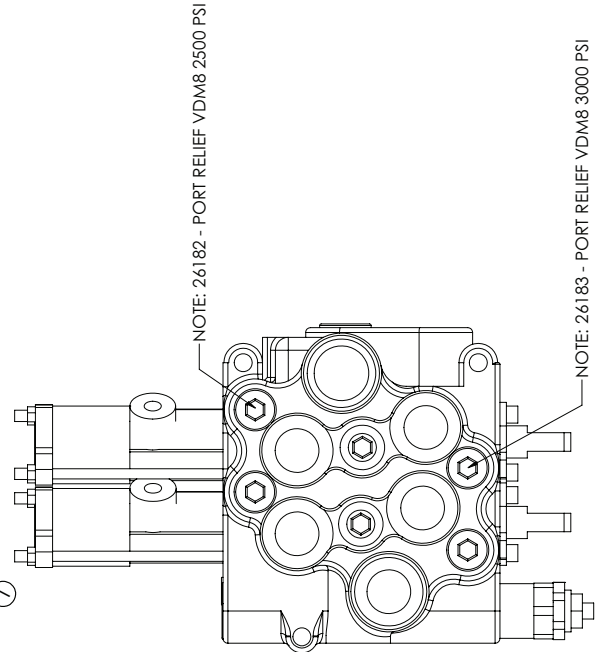
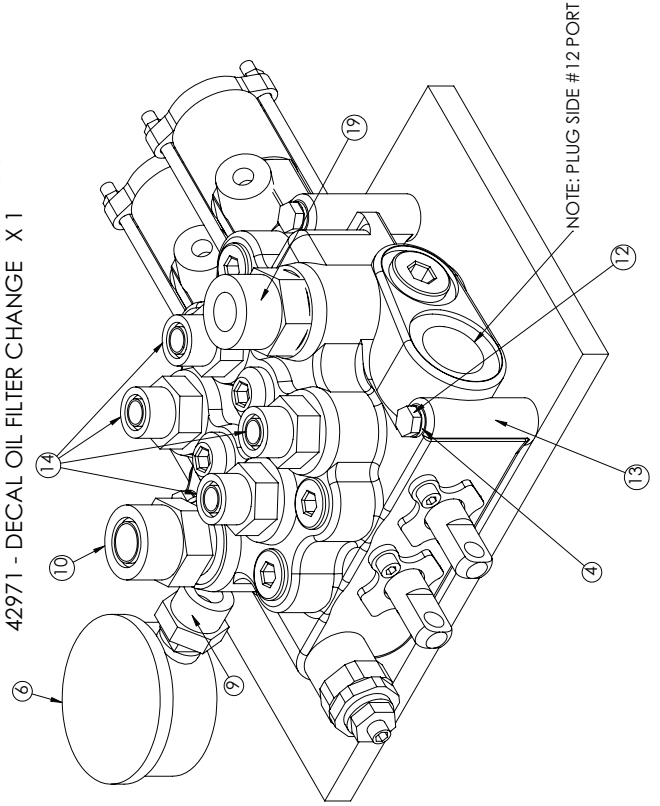
Reservoir Assembly (2 Section Air Controls) - PN 94579

PN 94579

ITEM	PART	DESCRIPTION	QTY.
1	7353	FIG 32-32 MP-MP HEX NIPPLE STRAIGHT	1
2	C4750	VALVE BALL 2.00	1
3	C4730	FIG 32-32 MP-HB STRAIGHT	1
4	0521	WASHER 0.25 LOCK	3
5	27119	HOSE 0.75(78C-12-JC-JC-12-12-12-120]	1
6	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
7	C4819	HOSE CLAMP 2.00	2
8	17766	HOSE SUCT 2.00 10FT	1
9	25630	FIG 10-4 MORB-FP STRAIGHT	1
10	d1435	FIG 12-10 MFS-MORB STRAIGHT	1
11	C4903	FIG 12-12 MFS-FESS 90	1
12	0339	CAP SCR 0.25-20X2.50 HHGR5	3
13	91224	VB 2-SECT VDM8 PAC4-PAC4-4200MRV-12-A-3000-B-2500(LCHA-ZNCT	1
14	C2252	FIG 8-10 MFS-MORB STRAIGHT	4
15	83959	MNT KIT RSRVR 25G	1
16	86006	RSRVR ASM 25GALK MODEL W/ TANK TOP FILTER	1
17	60395	FIG 16-20 MFS-MAORB 90	1
18	86168	HOSE 0.75(300PSI)-16HSS SHORT-12HSS 90 SHORT-8.50CI	1
19	C2142	FIG 12-12 MFS-MORB STRAIGHT	1
20	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

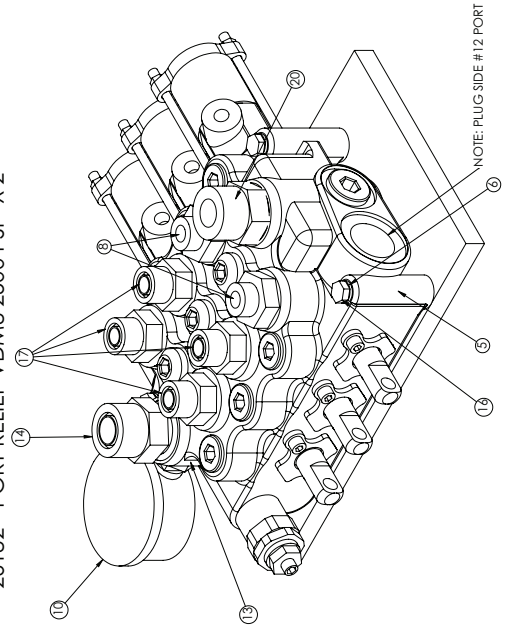
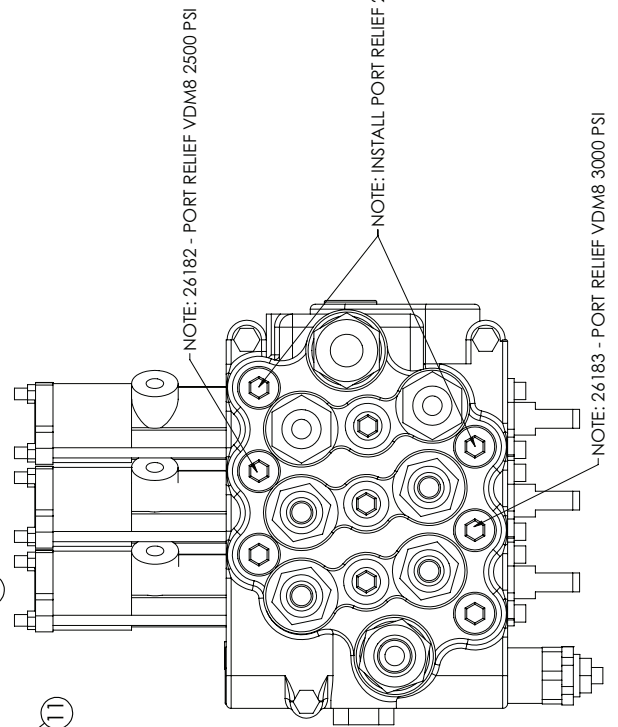
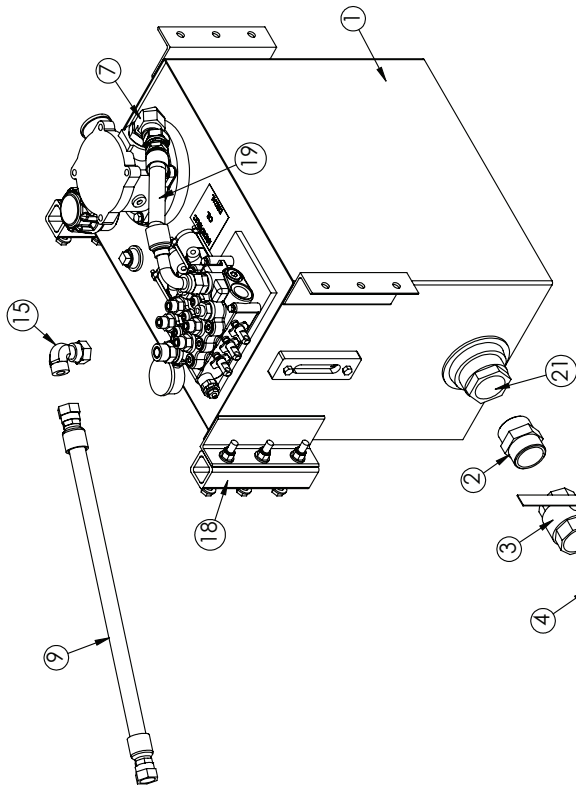


Reservoir Assembly (3 Section Air Controls) - PN 94581

PN 94581

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	V ALVE BALL 2.00	1
4	C4730	FTG 32-32 MP-HB STRAIGHT	1
5	91225	VB 3-SECT VDM8 PAC4-PAC4-4200MRV-12-A-3000-R-2500-L-CHA-ZNCT	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	2
9	27119	HOSE 0.75(78C-12-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	C2252	FTG 8-10 MFS-MORB STRAIGHT	4
18	83959	MNT KIT RSRVR 25G	1
19	86168	HOSE 0.75(300PSI)-16FFSS SHORI-12FFSS 90 SHORI-B 50CL	1
20	C2142	FTG 12-12 MFS-MORB STRAIGHT	1
21	C6327	FILTER STRAINER 35GAL TF-2030	1

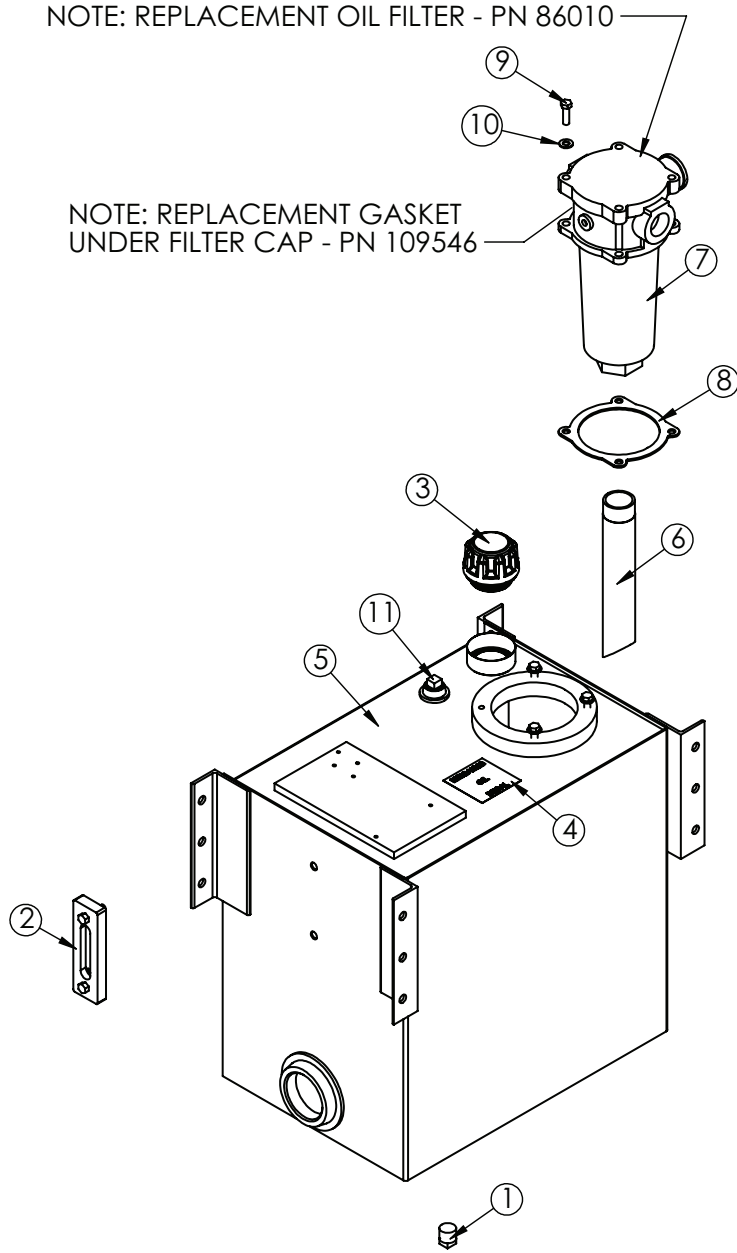
NOTE: ITEMS NOT SHOWN
 25941 - DECAL LOADER VB VDM8 HOSE LOCATION X 1
 42971 - DECAL OIL FILTER CHANGE X 1
 26182 - PORT RELIEF VDM8 2500 PSI X 2



Reservoir Subassembly - PN 86006

NOTE: REPLACEMENT OIL FILTER - PN 86010

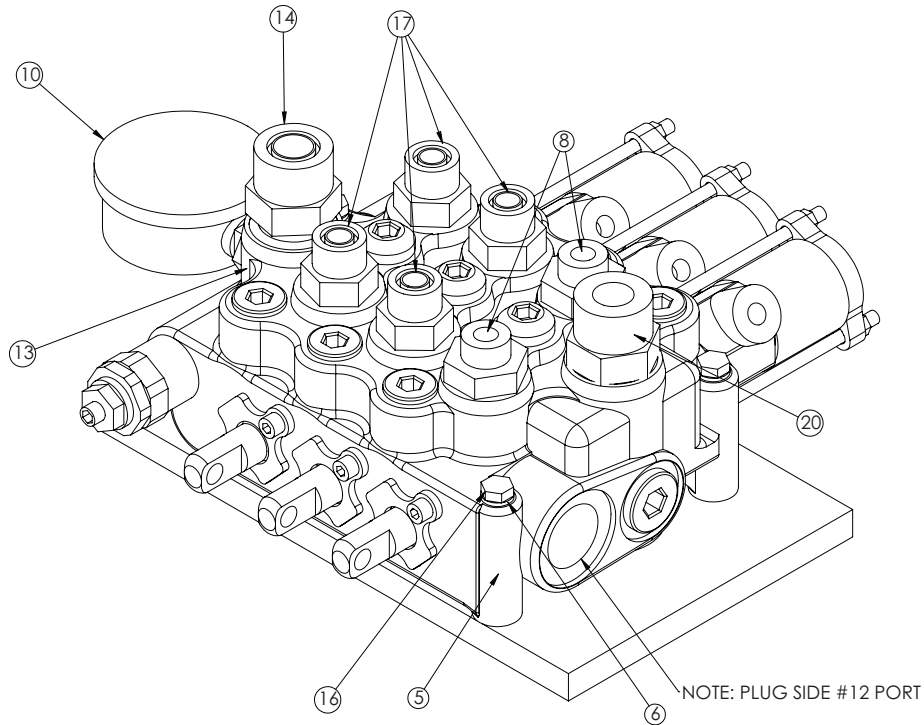
NOTE: REPLACEMENT GASKET UNDER FILTER CAP - PN 109546



PN 86006

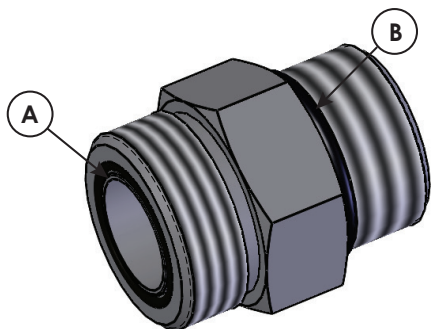
ITEM	PART	DESCRIPTION	QTY
1	C2126	MAGNETIC PLUG DRAIN 3/4"	1
2	15463	THERMO SIGHT GAUGE ZINGA SG-O5-A-T-N	1
3	73278	CAP FILL 1PSI ZINGA THREADED	1
4	13002	DECAL HYD OIL SPECIFICATION MOBIL	1
5	86007	RSRVR 25GAL K MODEL W/ TANK TOP FILTER	1
6	66656	FILTER PIPE TANK TOP	1
7	85928	FILTER TANK TOP 20 FORB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

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



ITEM	PART	DESCRIPTION	QTY.
5	91225	VB 3-SECT VDM8 PAC4-PAC4-PAC4-4200MRV-(2-A-3000-B-2500)-I-CHA-7NCT	1
6	0521	WASHER 0.25 LOCK	3
8	C1855	FTG 6-10 MFS-MORB STRAIGHT	2
10	10094	GAUGE OIL LF 2.5" 0-5000 BM	1
13	25630	FTG 10-4 MORB-FP STRAIGHT	1
14	d1435	FTG 12-10 MFS-MORB STRAIGHT	1
16	0339	CAP SCR 0.25-20X2.50 HHGR5	3
17	C2252	FTG 8-10 MFS-MORB STRAIGHT	4
20	C2142	FTG 12-12 MFS-MORB STRAIGHT	1

Face Seal/O-Ring Size Chart



Hose Size	Fitting Size	Face Seal (A) Stellar® PN	O-ring Boss (B) Stellar® PN
1/4"	#4	C2027	D1245
3/8"	#6	C2028	D1246
1/2"	#8	C2029	D1247
5/8"	#10	32223	D1248
3/4"	#12	D1244	D1249
1"	#16		D1250

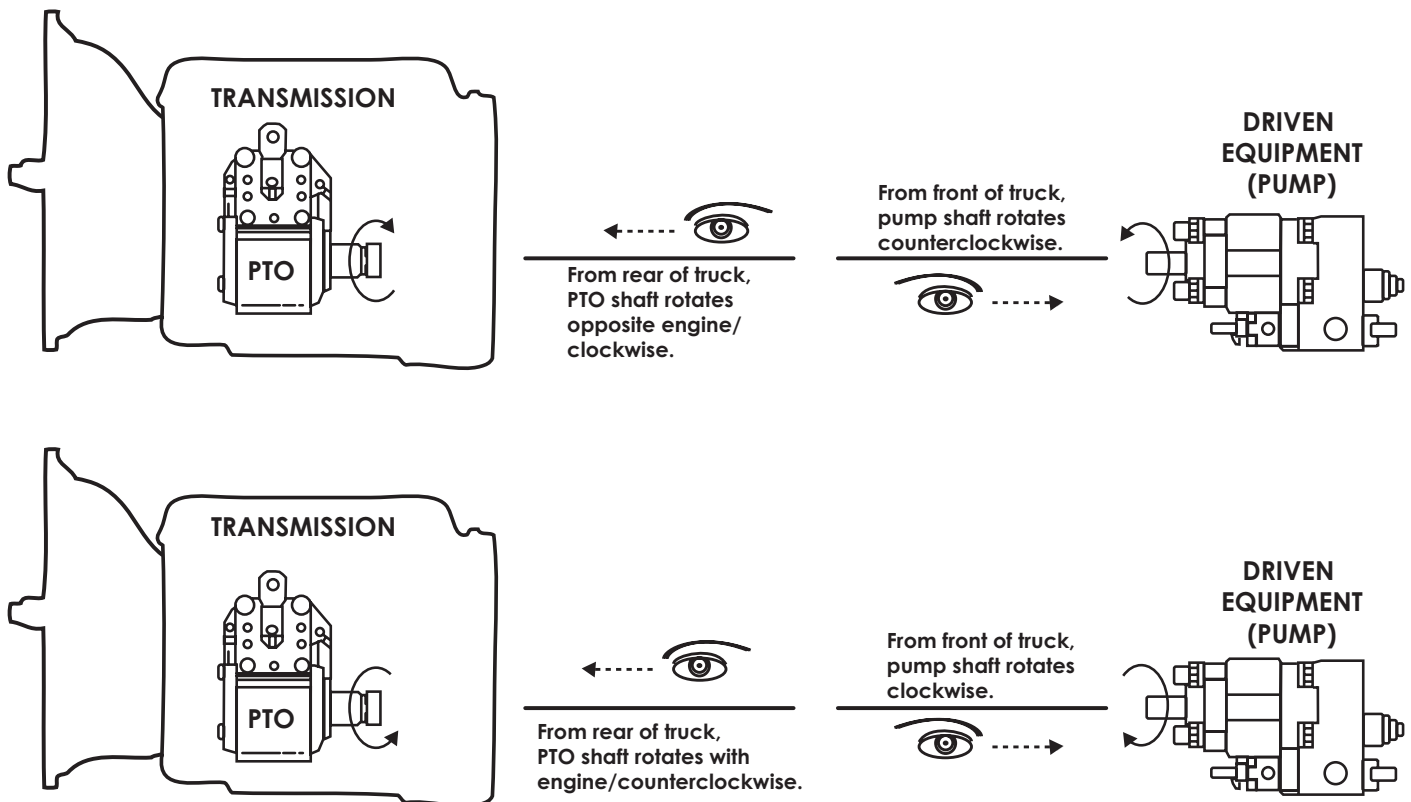
Step 7: Install PTO and pump.

- 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.

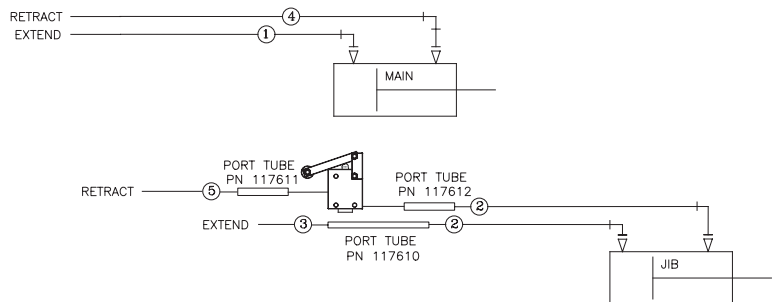
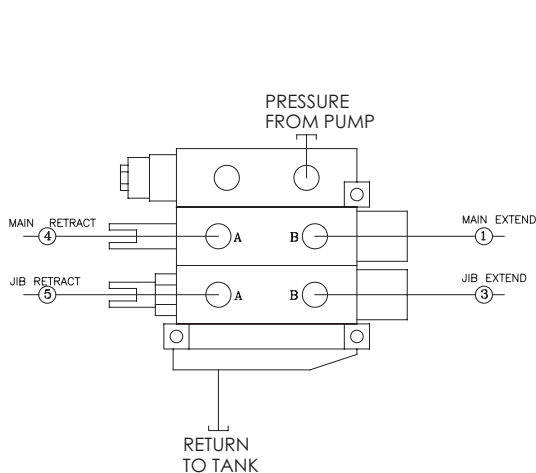
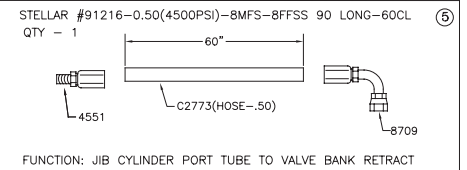
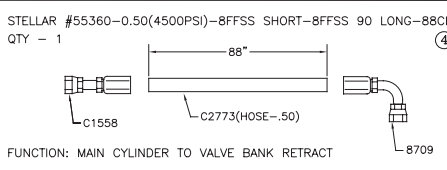
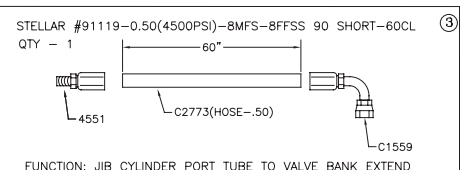
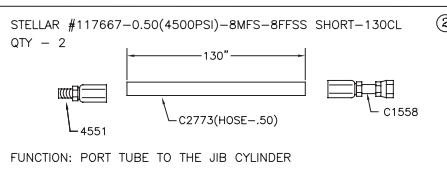
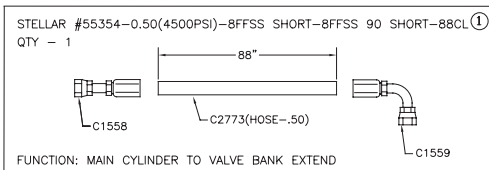
1. Route hose line from the reservoir to the pump (See hose kit drawing for details).
2. Route hose line from the pump to the valve bank (See hose kit drawing for details).
3. Route hose line from the valve bank to the reservoir (See hose kit drawing for details).
4. Route hose line from the valve bank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

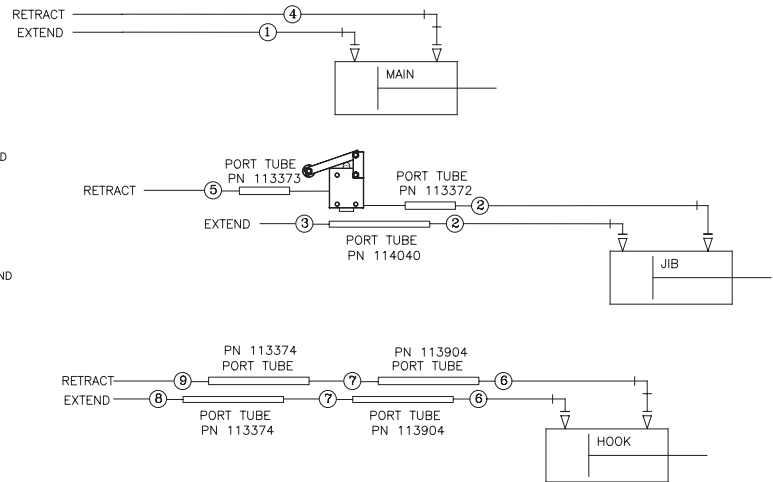
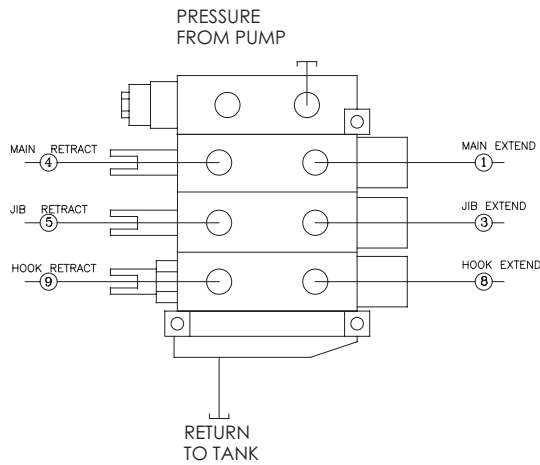
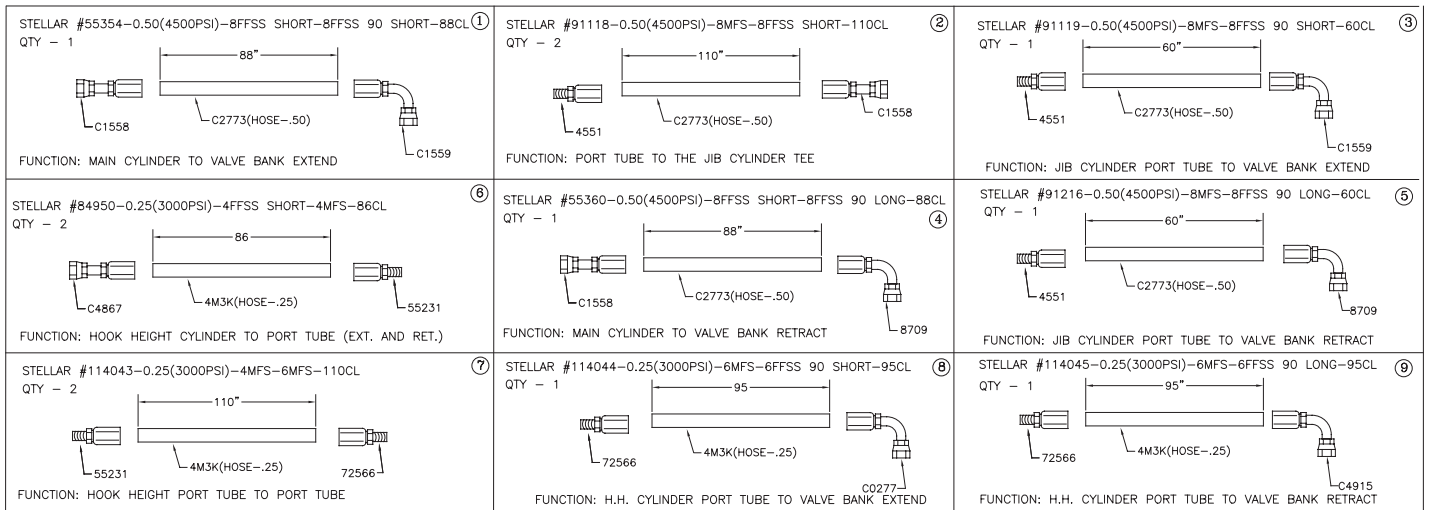
Hose Kit - PN 117666 (Manual Adjustable Hook Height Models)



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

05	91216	HOSE 0.50(4500PSI)-8MFS-8FFSS 90 LONG-60CL	1
04	55360	HOSE 0.50(4500PSI)-8FFSS SHORT-8FFSS 90 LONG-88CL	1
03	91119	HOSE 0.50(4500PSI)-8MFS-8FFSS 90 SHORT-60CL	1
02	117667	HOSE 0.50(4500PSI)-8MFS-8FFSS SHORT-130CL	2
01	55354	HOSE 0.50(4500PSI)-8FFSS SHORT-8FFSS 90 SHORT-88CL	1
ITEM	PART No.	DESCRIPTION	QTY

Hose Kit - PN 113679 (Hydraulic Adjustable Hook Height Models)



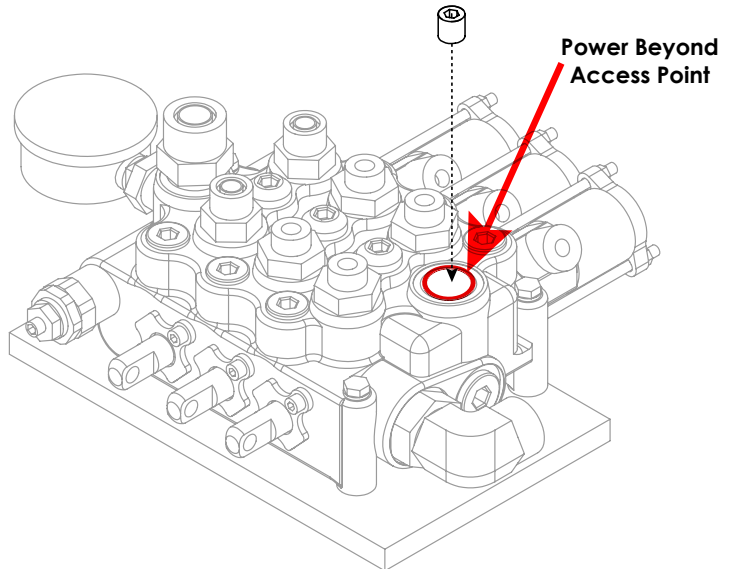
ITEM	PART No.	DESCRIPTION	QTY
09	114045	HOSE 0.25(3000PSI)-6MFS-6FFSS 90 LONG-95CL	1
08	114044	HOSE 0.25(3000PSI)-6MFS-6FFSS 90 SHORT-95CL	1
07	114043	HOSE 0.25(3000PSI)-4MFS-6MFS-110CL	2
06	84950	HOSE 0.25(3000PSI)-4FFSS SHORT-4MFS-86CL	2
05	91216	HOSE 0.50(4500PSI)-8MFS-8FFSS 90 LONG-60CL	1
04	55360	HOSE 0.50(4500PSI)-8FFSS SHORT-8FFSS 90 LONG-88CL	1
03	91119	HOSE 0.50(4500PSI)-8MFS-8FFSS 90 SHORT-60CL	1
02	91118	HOSE 0.50(4500PSI)-8MFS-8FFSS SHORT-110CL	2
01	55354	HOSE 0.50(4500PSI)-8FFSS SHORT-8FFSS 90 SHORT-88CL	1

Power Beyond VDM8 Valve

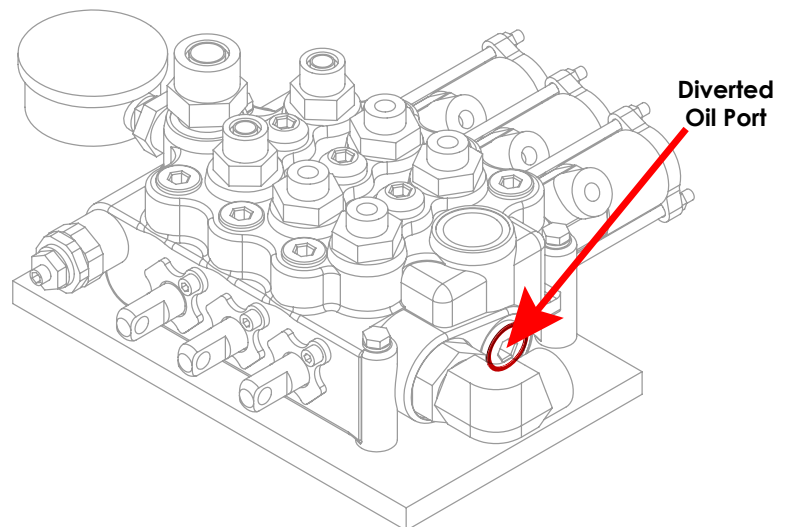
These instructions are intended for correct installation of power beyond on a Salami VDM8 valve bank. If any hydraulic component is integrated after this valve the power beyond must be installed correctly, or serious damage may incur to the hydraulic system.

Kit No: 122069
Contains both 3/8" & 1/2" plugs.

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.)



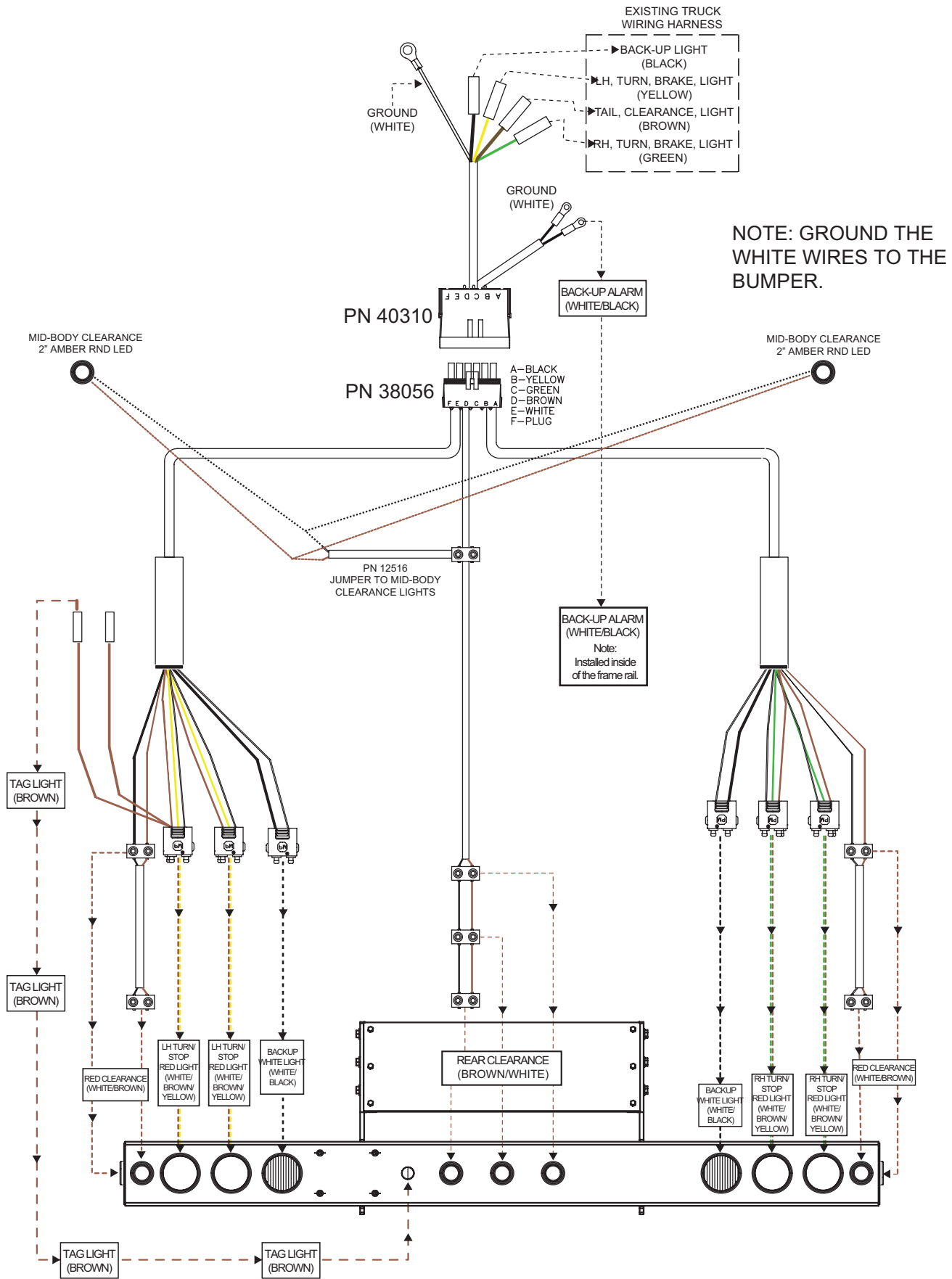
3. The Power Beyond feature is now activated and will divert oil to alternate system via the port shown.



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

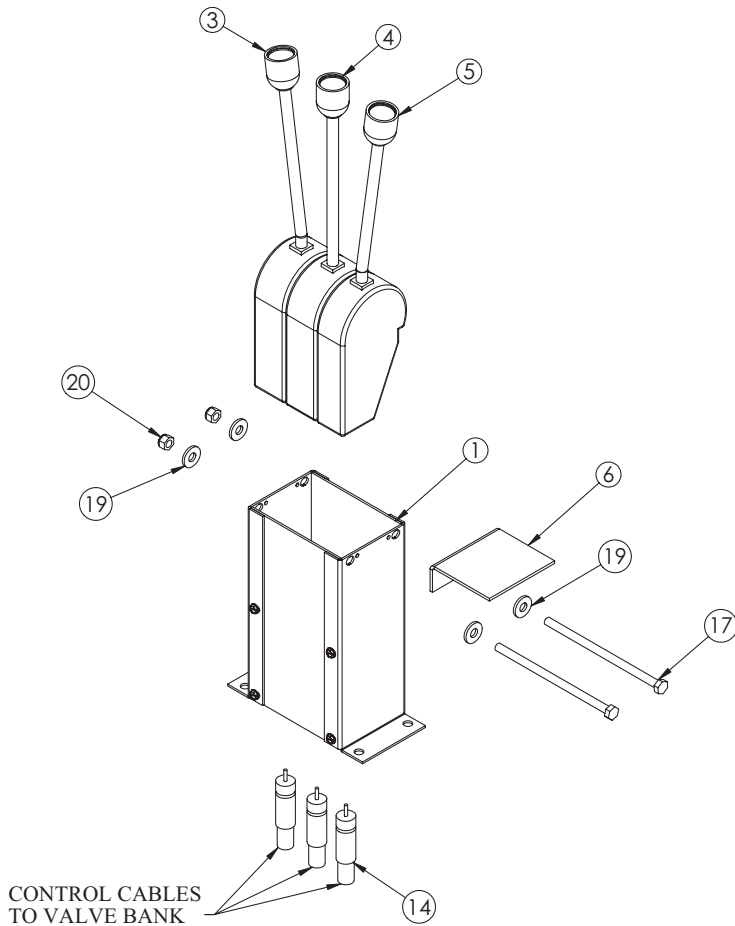


Step 10: Install cab and PTO controls.

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

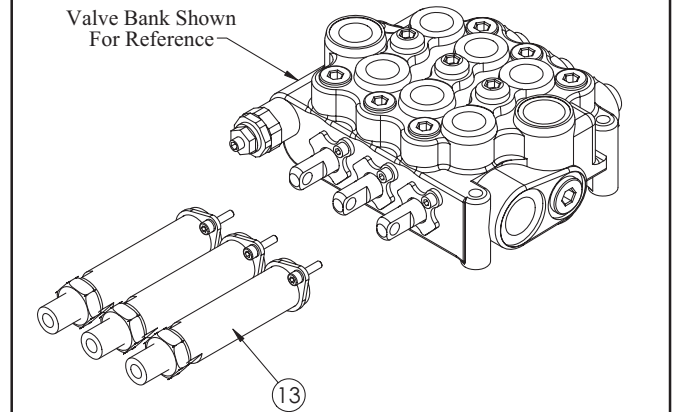
Cable Controls

In Cab Installation



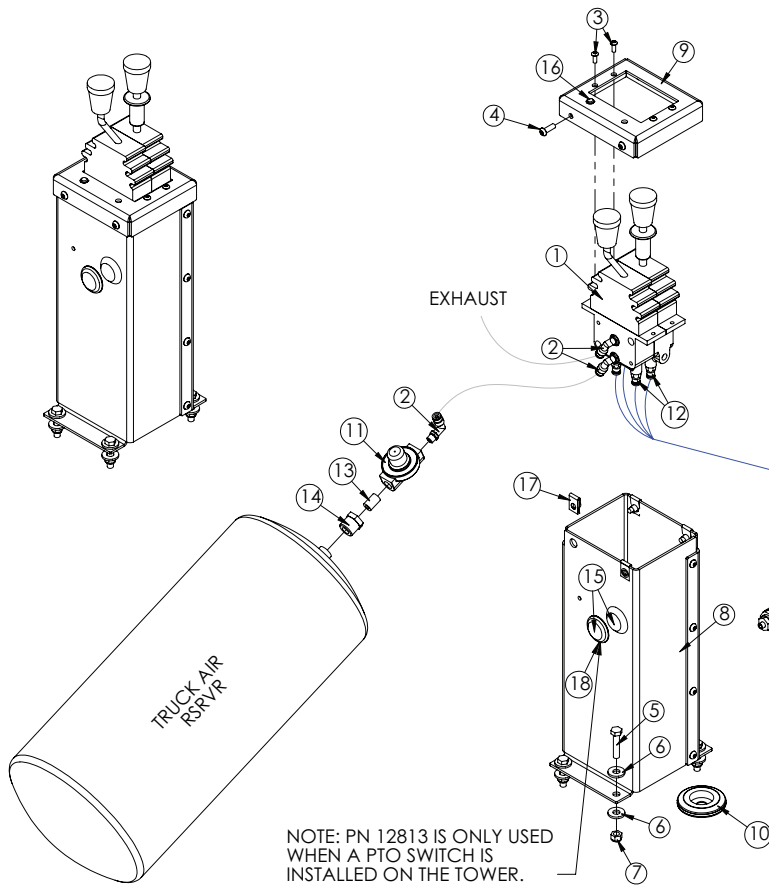
	2 SECTION	3 SECTION
96 INCH	PN 55534	PN 54746
144 INCH	PN 55540	PN 54747
192 INCH	PN 55541	PN 54748

At Valve Installation



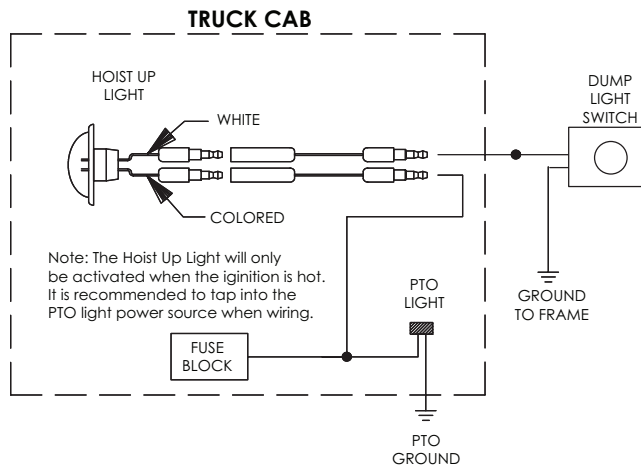
ITEM	PART	DESCRIPTION	QTY.
1	38351	VALVE CTRL CONSOLE 3LEVER RVC (3 Section Only)	1
1	37470	VALVE CTRL CONSOLE 2LEVER RVC (2 Section Only)	1
3	37475	CONTROLLER CTR LOCK LEFT BEND	1
4	37476	CONTROLLER CTR LOCK NO BEND (3 Section Only)	1
5	37474	CONTROLLER CTR LOCK RIGHT BEND	1
6	25933	BRKT CONTROLLER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

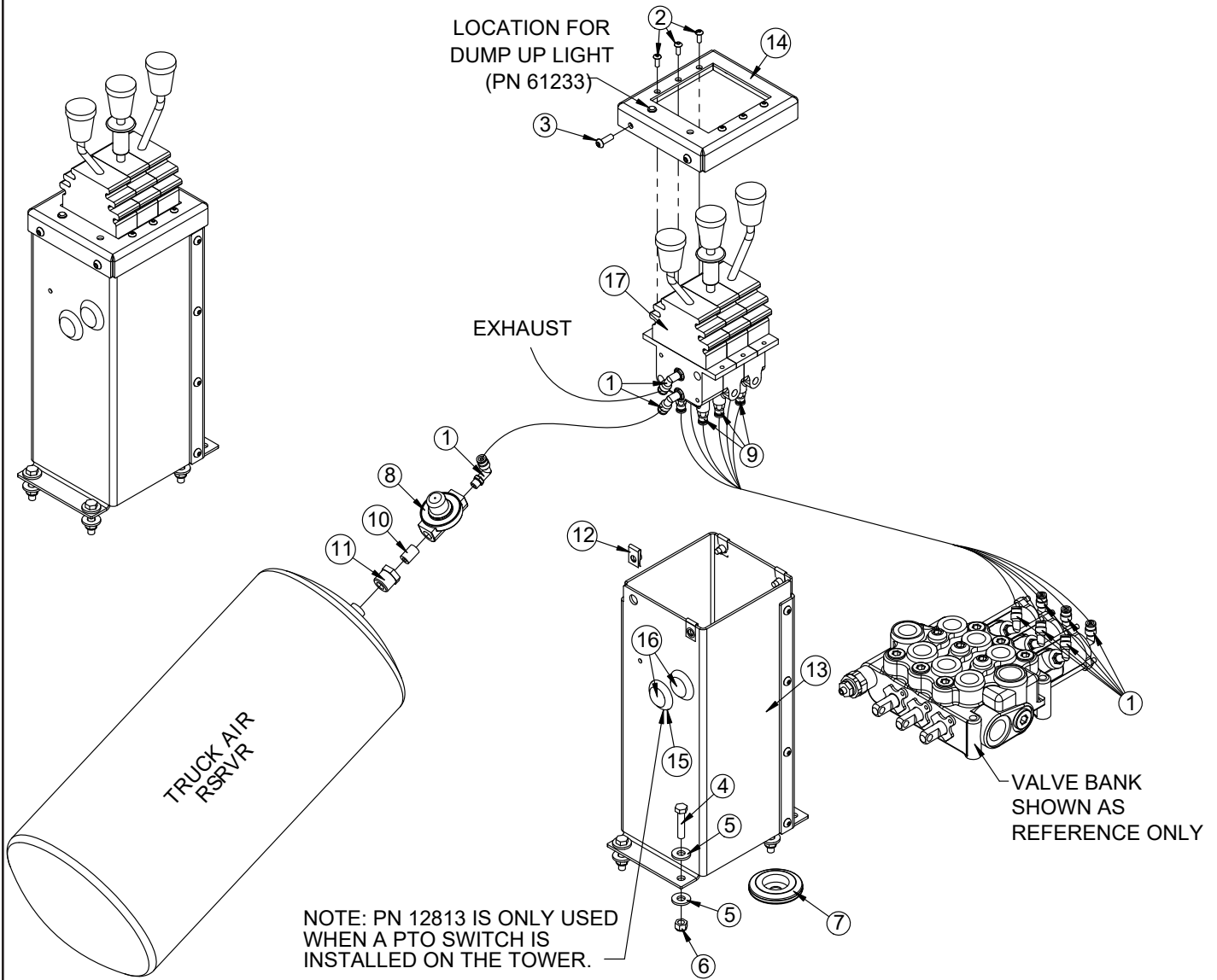


ITEM	PART	DESCRIPTION	QTY.
1	41988	CTRL 2 BANK 4WAY AIR CNTR LOCK	1
2	45687	FTG 4-2 MP-PTC 90 BRASS 1.169X4S	7
3	D1711	CAP SCR #10-24X0.50 BTNHD SS	4
4	C6021	CAP SCR 0.25-20X0.75 BTNHD SS	4
5	0486	CAP SCR 0.31-18X1.50 HHGR5	4
6	0343	WASHER 0.31 USS FLAT	8
7	0342	NUT 0.31-18 HHGR5 NYLOC	4
8	87691	CONTROL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

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



Air Controls 3-Section - PN 88647



Air Controls 3-Section - PN 88647 Parts List

PN 88647

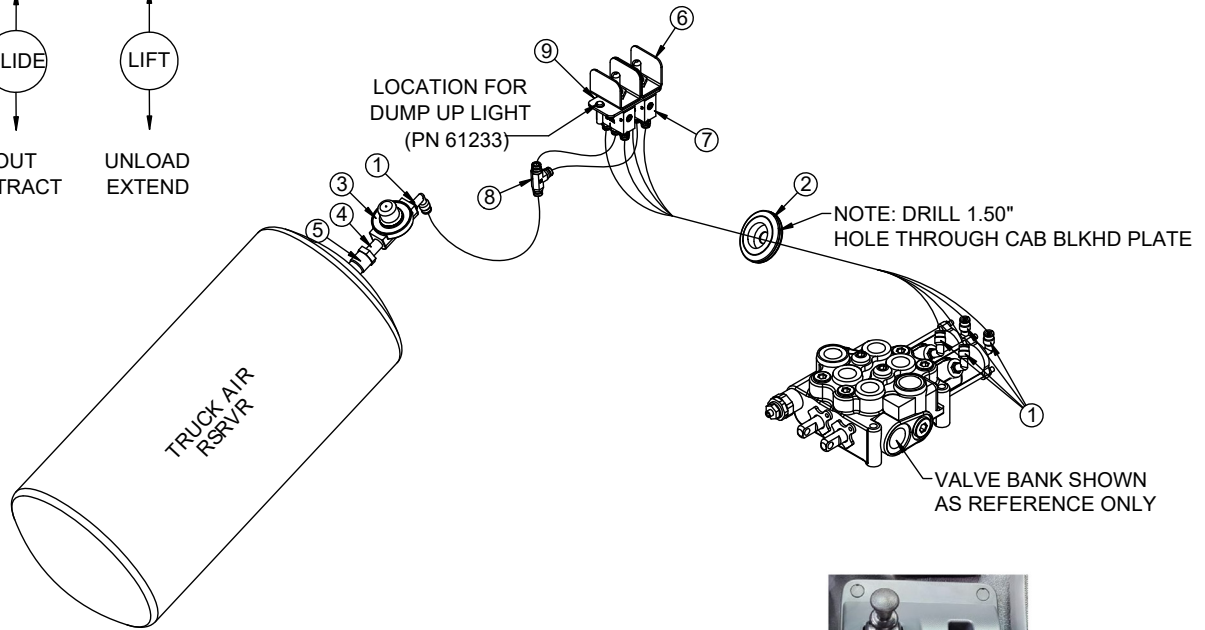
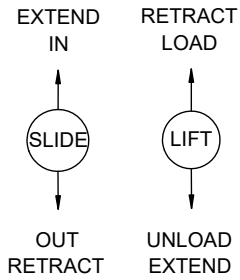
ITEM	PART	DESCRIPTION	QTY
1	45687	FTG 4-2 MP-PTC 90 BRASS 1169X4S	9
2	D1711	CAP SCR #10-24X0.50 BTNHD SS	6
3	C6021	CAP SCR 0.25-20X0.75 BTNHD SS	4
4	0486	CAP SCR 0.31-18X1.50 HHGR5	4
5	0343	WASHER 0.31 USS FLAT	8
6	0342	NUT 0.31-18 HHGR5 NYLOC	4
7	16948	GROMMET 2.50ODX1.56GDX0.13X0.56ID	1
8	35211	PTO 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

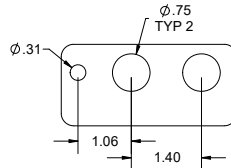
PART	DESCRIPTION	QTY
88659	DECAL CONTROL TOWER LID SLIDER 3SEC	1
D1810	TBE AIR SAEJ844 TYPE A .25 (RM)	95 FT

Air Controls - Isuzu - PN 125016



NOTE:
USE STENCIL (PN 122666) TO LOCATE HOLES FOR TOGGLE SWITCHES AND DUMP UP LIGHT. THEN DRILL HOLES PER DRAWING BELOW.

NOTE:
LOCATE (PN 125668 - DECAL CONTROLS SLIDER 2SEC ISUZU CAB) OR (PN 128012 - DECAL CONTROLS SHUTTLE 2SEC ISUZU CAB) HERE



PN 125016

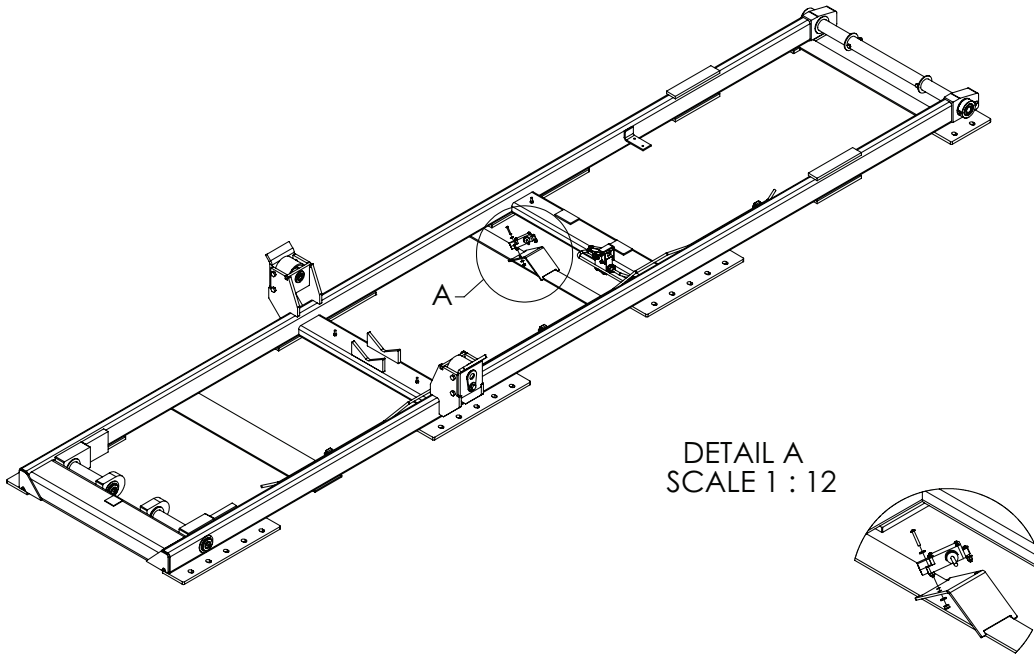
ITEM	PART	DESCRIPTION	QTY
1	45687	FTG 4-2 MP-PTC 90 BRASS 1169X4S	5
2	16948	GROMMET 2.50ODX1.50GDX0.13X0.56ID	1
3	35211	PTO AIR REGULATOR 378414	1
4	C5934	FTG 4-4XCLOSE MP-MP NIPPLE STRAIGHT BLK	1
5	C1065	BUSHING 0.50X0.25 BLK	1
6	120864	GUARD FOR AIR TOGGLE VALVE APSCO VTS-1X	2
7	122665	AIR TOGGLE VALVE APSCO VTS-1X	2
8	106522	FTG 4-4-4 PTC-PTC-PTC TEE BRASS DOT	1
9	122666	PLATE STENCIL AIR TOGGLES ISUZU FTR CONSOLE	1

ITEMS NOT SHOWN

PART	DESCRIPTION	QTY
D1810	TBE AIR SAEJ844 TYPE A .25 (RM)	110
125668	DECAL CONTROLS SLIDER 2SEC ISUZU CAB	1
128012	DECAL CONTROLS SHUTTLE 2SEC ISUZU CAB	1

Step 11: Install Hoist Up Light Sensor - PN 83115

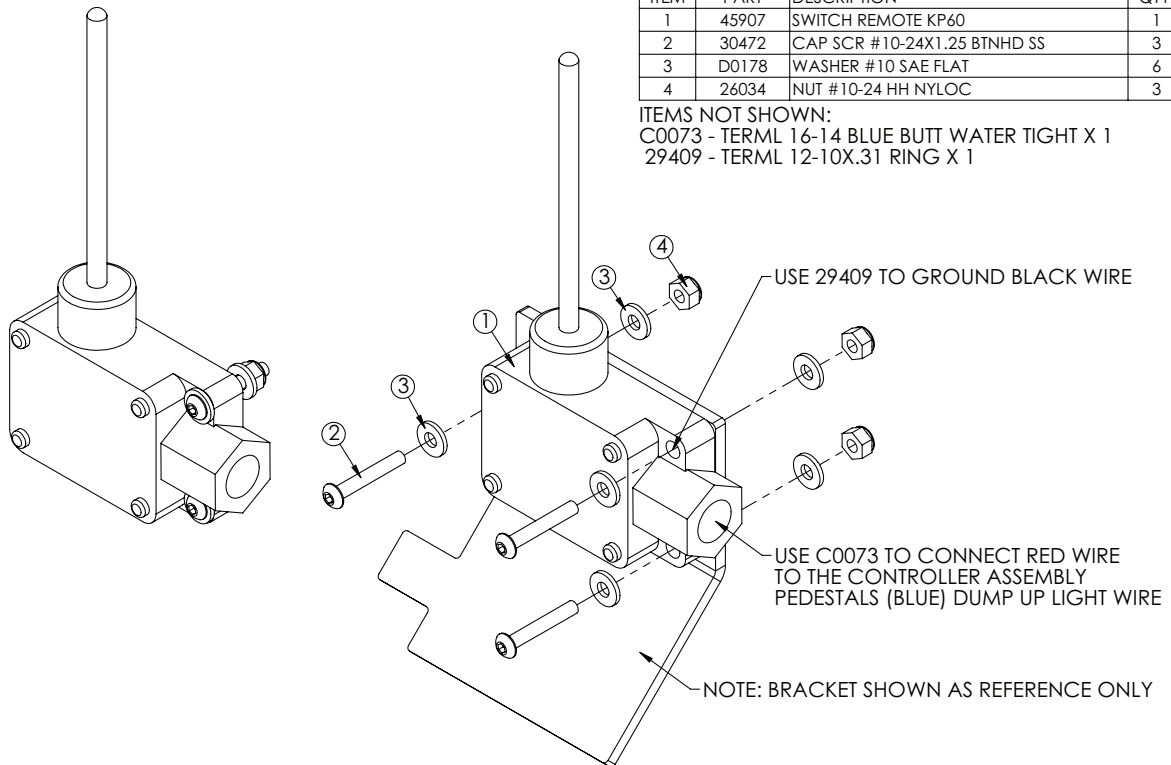
Install the hoist up light sensor onto the base of the hooklift as shown:



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

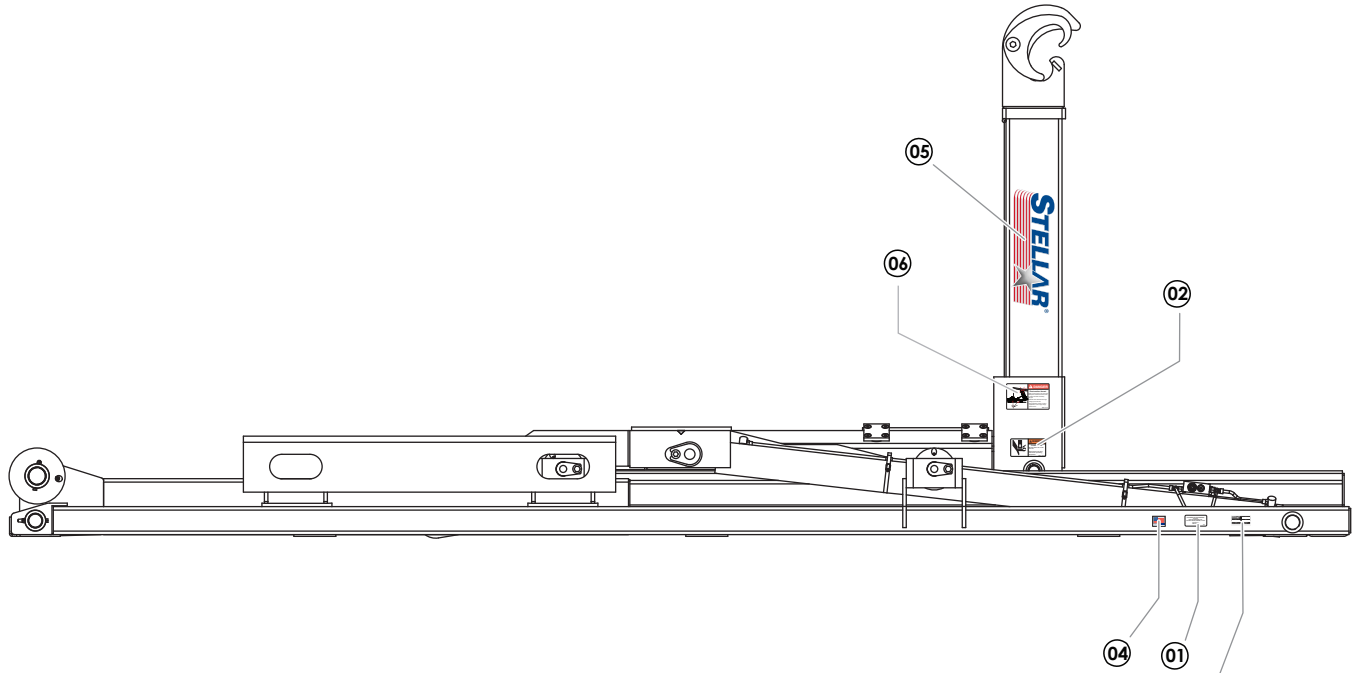
ITEMS NOT SHOWN:
C0073 - TERML 16-14 BLUE BUTT WATER TIGHT X 1
29409 - TERML 12-10X.31 RING X 1



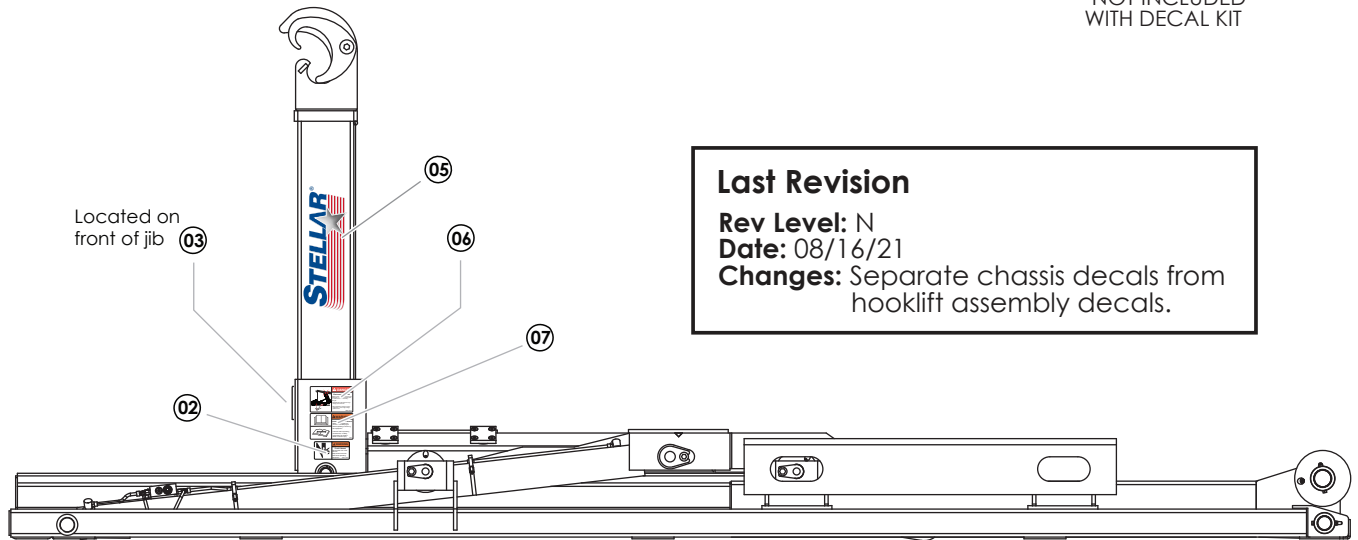
Step 12: Install mud flaps and fenders.

See brand specific installation instructions.

Step 13A: Apply Hooklift Assembly Decals



SERIAL PLATE (C5942)
NOT INCLUDED
WITH DECAL KIT



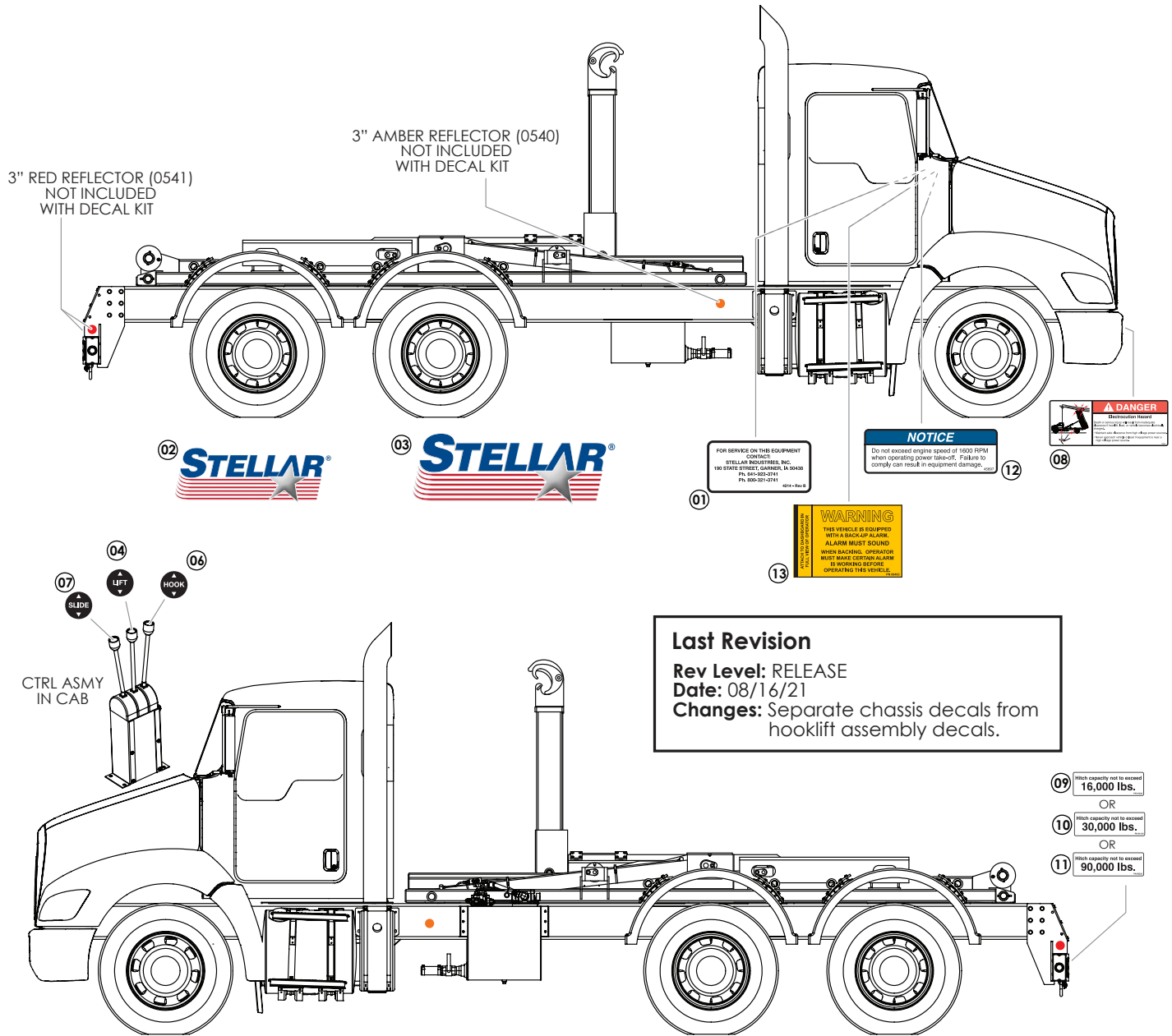
Located on
front of jib

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

PN 31827

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

Step 13B: 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 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.

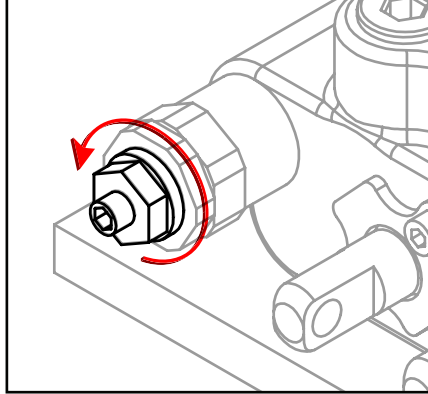
- **⚠ WARNING** Stellar® Hooklift operators must conform to the qualifications specified in the *Slider Hooklift Safety, Operation, Maintenance, Troubleshooting Manual*. Read and understand all manuals and safety signs before operating or servicing this equipment.
- Bleed the air out of the hydraulic 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 4500 PSI (See procedure on next page).

Set System Relief Pressure

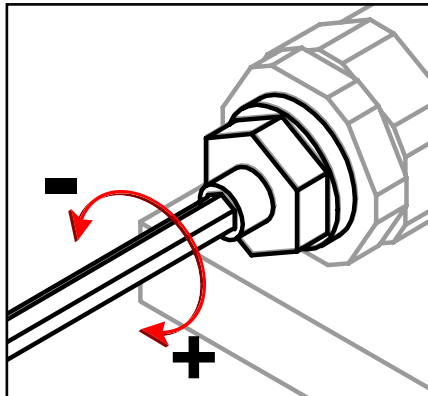
1. Engage the PTO. Run the PTO at 1200 RPM.

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

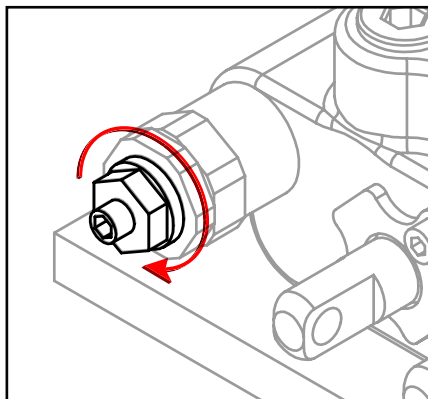
3. Locate the main relief valve and release the jam nut using a 13 mm wrench:



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



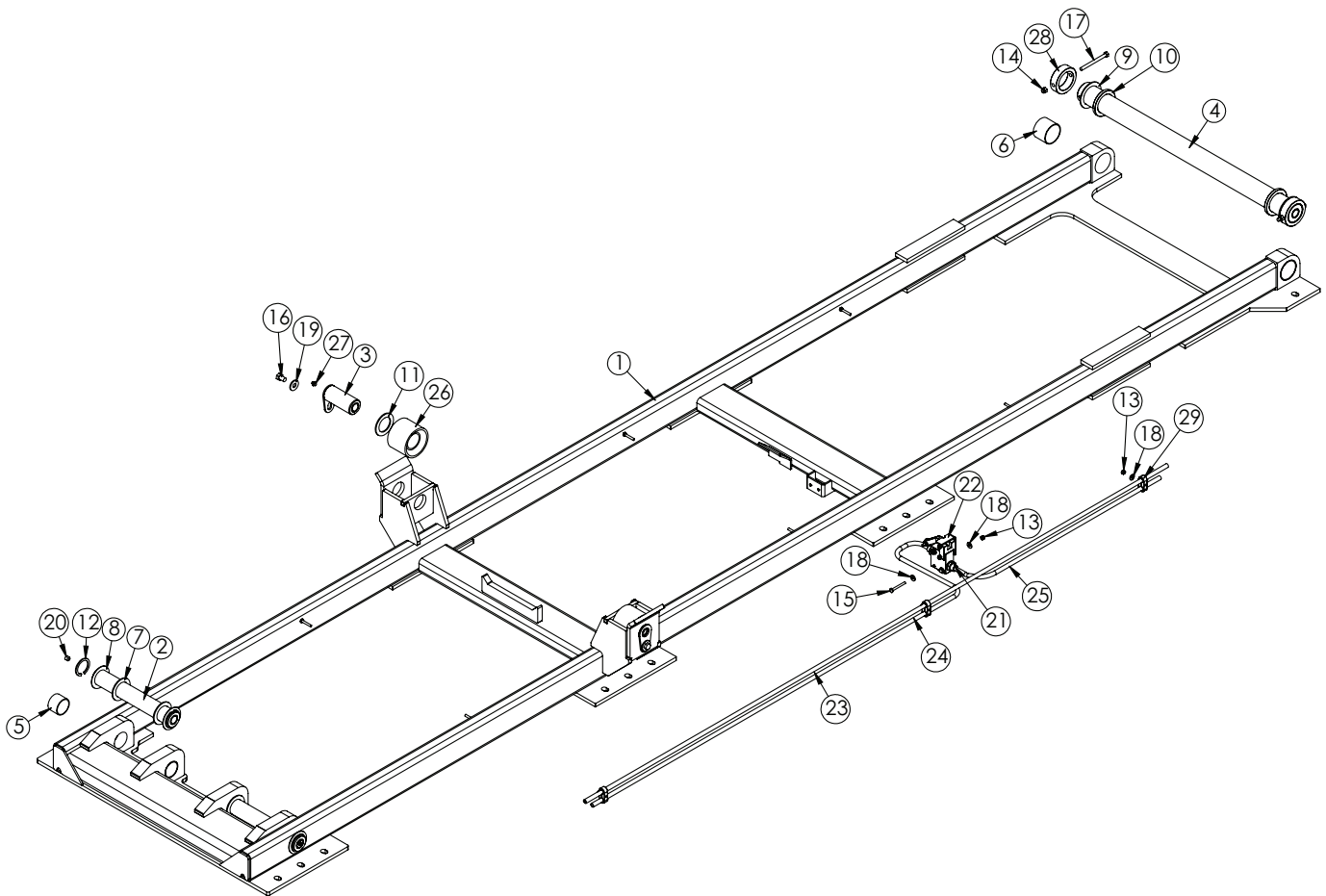
5. Once system pressure is set, tighten the jam nut to lock system pressure. Permanent thread lock should not be used:



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.

Chapter 3 - Assembly Drawings

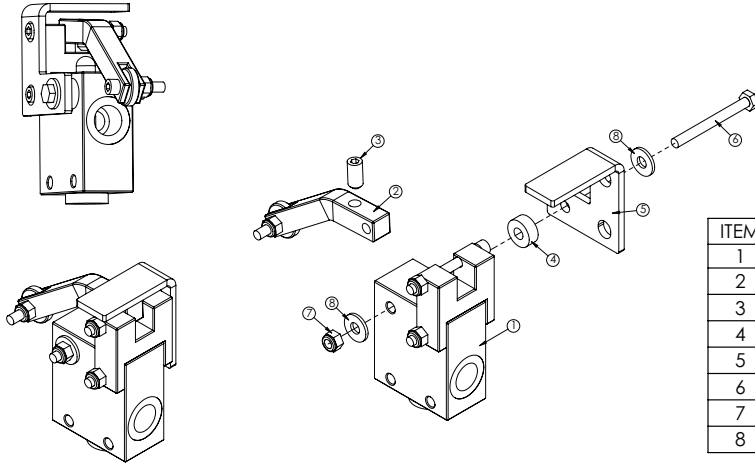
Base Assembly - PN 117604



PN 117604

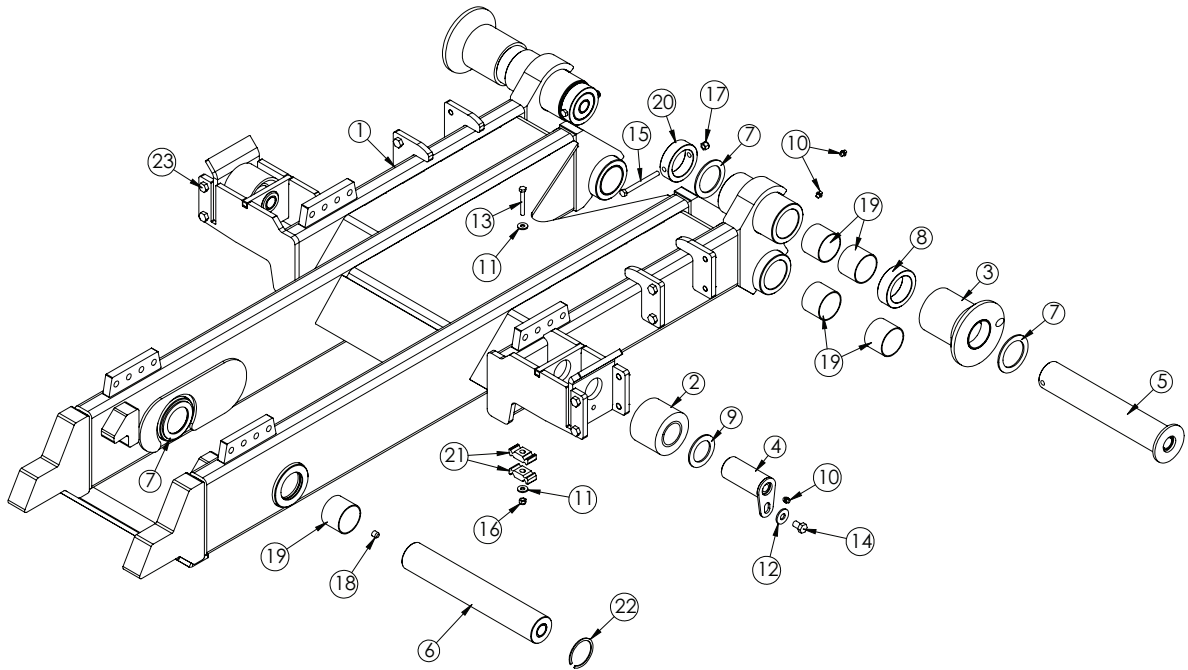
ITEM	PART No.	DESCRIPTION	QTY.	ITEM	PART No.	DESCRIPTION	QTY.
01	117605	BASE SLIDER26 GEN3 TUBE BASE	1	16	C0990	CAP SCR 0.50-13X0.75 HHGR5	2
02	113371CR	PIN 2.00X13.13 SR ZC	2	17	32086	CAP SCR 0.38-16X4.25 HHGR5	2
03	54522CR	PIN TEAR DROP 2.00X4.38 W/ZERK ZC	2	18	0340	WASHER 0.25 USS FLAT	2
04	26048CR	PIN 2.50X36.44 ZC	1	19	0352	WASHER 0.50 USS FLAT	2
05	4380	BUSHING BPC32DXR24 2.00X1.50	4	20	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
06	0635	BUSHING BPC40DXR32 2.50X2.00	2	21	57735	FTG 8-8 MBSPP-MFS STRAIGHT	2
07	1546	THRUST WASHER 2.01DIA UHMW .12THK	4	22	86130	VLV PLNGR HYD NRMLY CLOSED W/35 DEG ARM	1
08	0377	MACHY WASHER 2.00ID 14GA	4	23	117610	TUBE ASM 0.50X100.50 SLIDER26 G3 JIB EXTND ZC	1
09	1547	THRUST WASHER 2.51DIA UHMW .12THK	2	24	117611	TUBE ASM 0.50X68.00 SLIDER26 G3 JIB RETR VLV ZC	1
10	113368	COLLAR 2.51X3.50X0.38 UHMW	2	25	117612	TUBE ASM 0.50X30.00 SLIDER26 G3 JIB RETR ZC	1
11	0427	MACHY WASHER 2.00ID 10GA	2	26	45373	ROLLER 2.00X4.00X3.00 OUTSIDE SI60	2
12	0108	SNAP RING 2.00 7200-200	4	27	C1592	ZERK 1/8 NPT STRAIGHT	2
13	0333	NUT 0.25-20 HHGR5 NYLOC	5	28	23930	COLLAR 2.51X3.50X1.00 PC BLACK	2
14	0347	NUT 0.38-16 HHGR5 NYLOC	2	29	96566	CLAMP 0.50 PORT TUBE TWIN - STAUFF LNGF	3
15	0438	CAP SCR 0.25-20X2.25 HHGR5	2				

Plunger Valve Assembly - PN 86130



ITEM	PART	DESCRIPTION	QTY.
1	53853	VALVE PLUNGER VILLA HYD NORMALLY CLOSED	1
2	86126	LEVER ARM ASM 35 DEG	1
3	86161	SET SCREW 0.38-16X0.75 W/ RED PATCH	1
4	60348	COLLAR 0.31X0.75X0.31 UHMW	1
5	60470	BRKT PLUNGER VILLA HYD VALVE	1
6	0339	CAP SCR 0.25-20X2.50 HHGR5	1
7	0333	NUT 0.25-20 HHGR5 NYLOC	1
8	0340	WASHER 0.25 USS FLAT	2

Dump Assembly - PN 113595

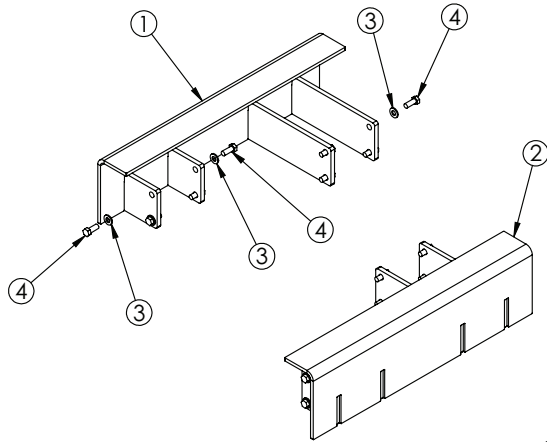


NOTE: ROLLERS 45373 TAPPER FACES TOWARDS INSIDE

PN 113595

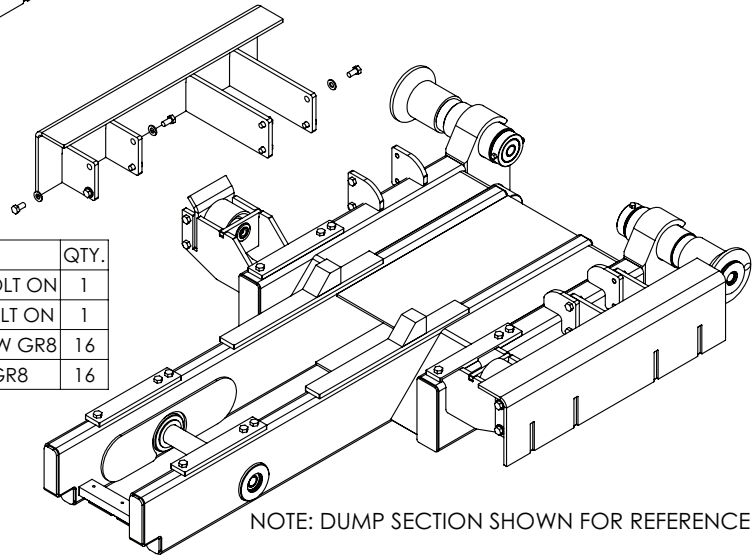
ITEM	PART No.	DESCRIPTION	QTY.	ITEM	PART No.	DESCRIPTION	QTY.
1	103596	DUMP SLIDER26 GEN3	1	13	0489	CAP SCR 0.31-18X2.50 HHGR5	1
2	45373	ROLLER 2.00X4.00X3.00 OUTSIDE SI60	2	14	C0990	CAP SCR 0.50-13X0.75 HHGR5	2
3	21496	ROLLER 2.50X4.00X3.81X6.00 PC YELLOW	2	15	C0953	CAP SCR 0.38-16X4.00 HHGR5	2
4	54522CR	PIN TEAR DROP 2.00X4.38 W/ZERK ZC	2	16	0342	NUT 0.31-18 HHGR5 NYLOC	1
5	54648CR	PIN WLDMT 2.50X14.19 ZC	2	17	0347	NUT 0.38-16 HHGR5 NYLOC	2
6	113804	PIN 2.50X15.50 D&T	1	18	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
7	1547	THRUST WASHER 2.51DIA UHMW .12THK	6	19	0635	BUSHING 40DXR32 GARLOCK	10
8	54649	COLLAR 2.51X3.50X1.13 UHMW	2	20	23930	COLLAR 2.51X3.50X1.00 PC BLACK	2
9	0427	MACHY WASHER 2.00ID 10GA	2	21	8622	CLAMP HOSE/TUBE AG-2	2
10	C1592	ZERK 1/8 NPT STRAIGHT	6	22	22216	SNAP RING INSIDE 2.50	2
11	0343	WASHER 0.31 USS FLAT	2	23	66945	CAP SCR 0.50-13X0.50 PLASTIC - BLACK	16
12	0352	WASHER 0.50 USS FLAT	2				

Outside Latch Assembly - PN 55358 (Optional)



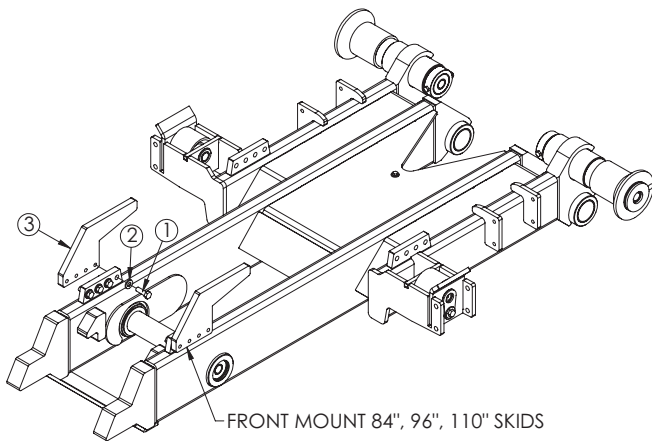
PN 55358

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	54812	LATCH WLDMT OUTSIDE CS BOLT ON	1
2	54816	LATCH WLDMT OUTSIDE SS BOLT ON	1
3	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	16
4	10666	CAP SCR 0.50-13X1.25 HHGR8	16



NOTE: DUMP SECTION SHOWN FOR REFERENCE

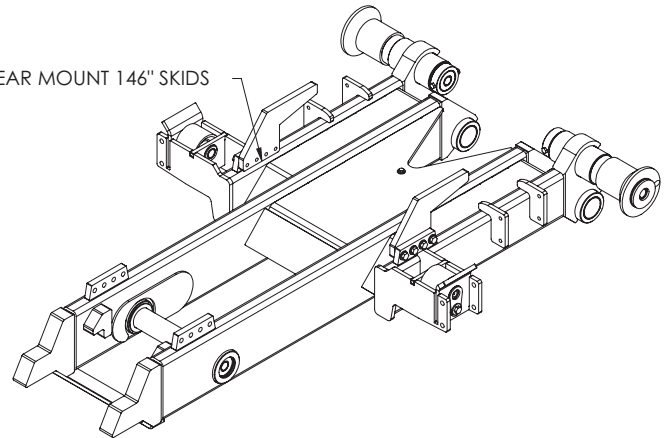
Inside Latch Assembly - PN 117619 (Optional)



FRONT MOUNT 84", 96", 110" SKIDS

REAR MOUNT 146" SKIDS

OR

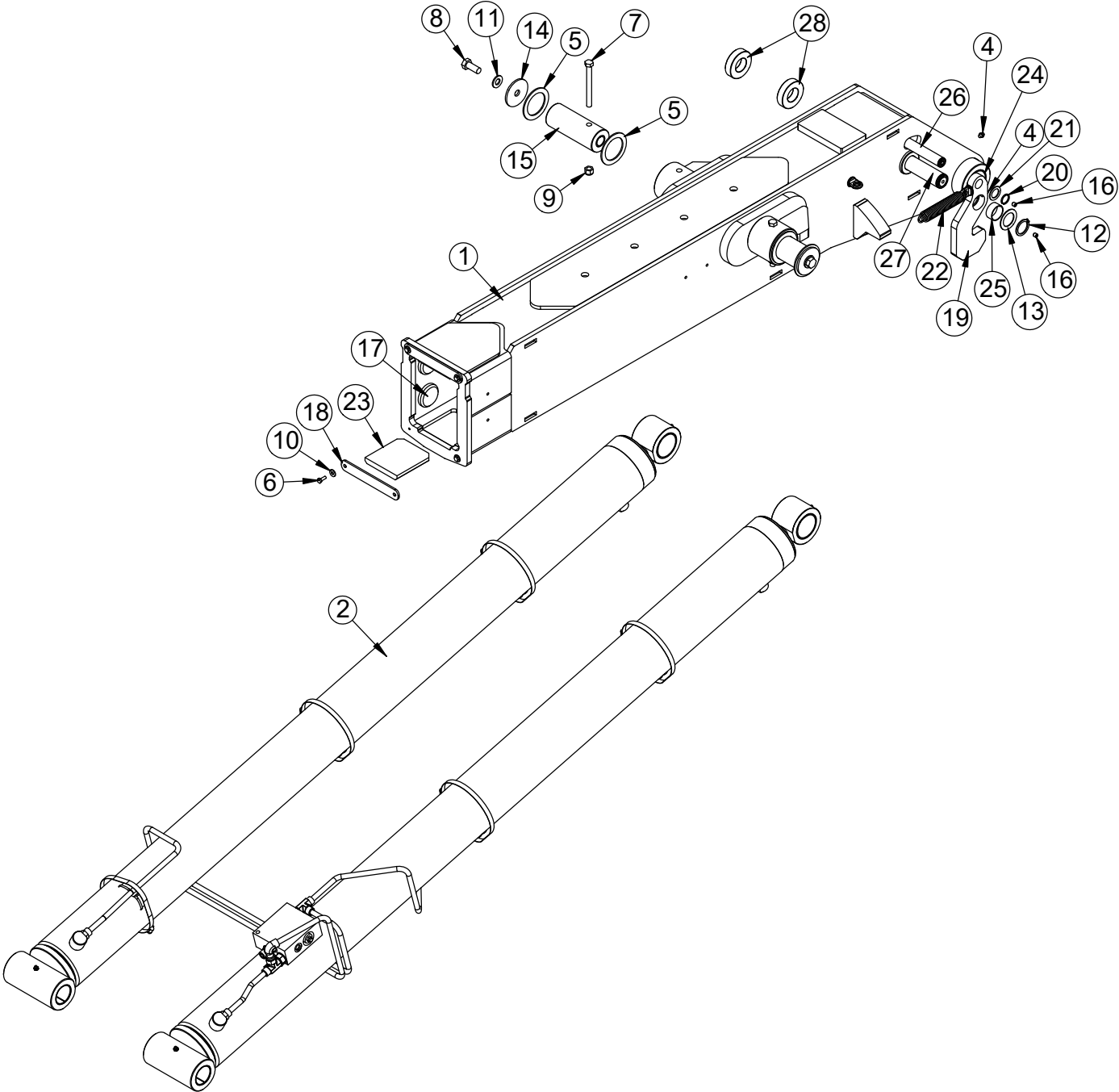


PN 117619

ITEM	PART No.	DESCRIPTION	QTY.
01	10548	CAP SCR 0.50-13X1.50 HHGR8	8
02	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8
03	117617	LATCH DUMP SLIDER 26 GEN3	2

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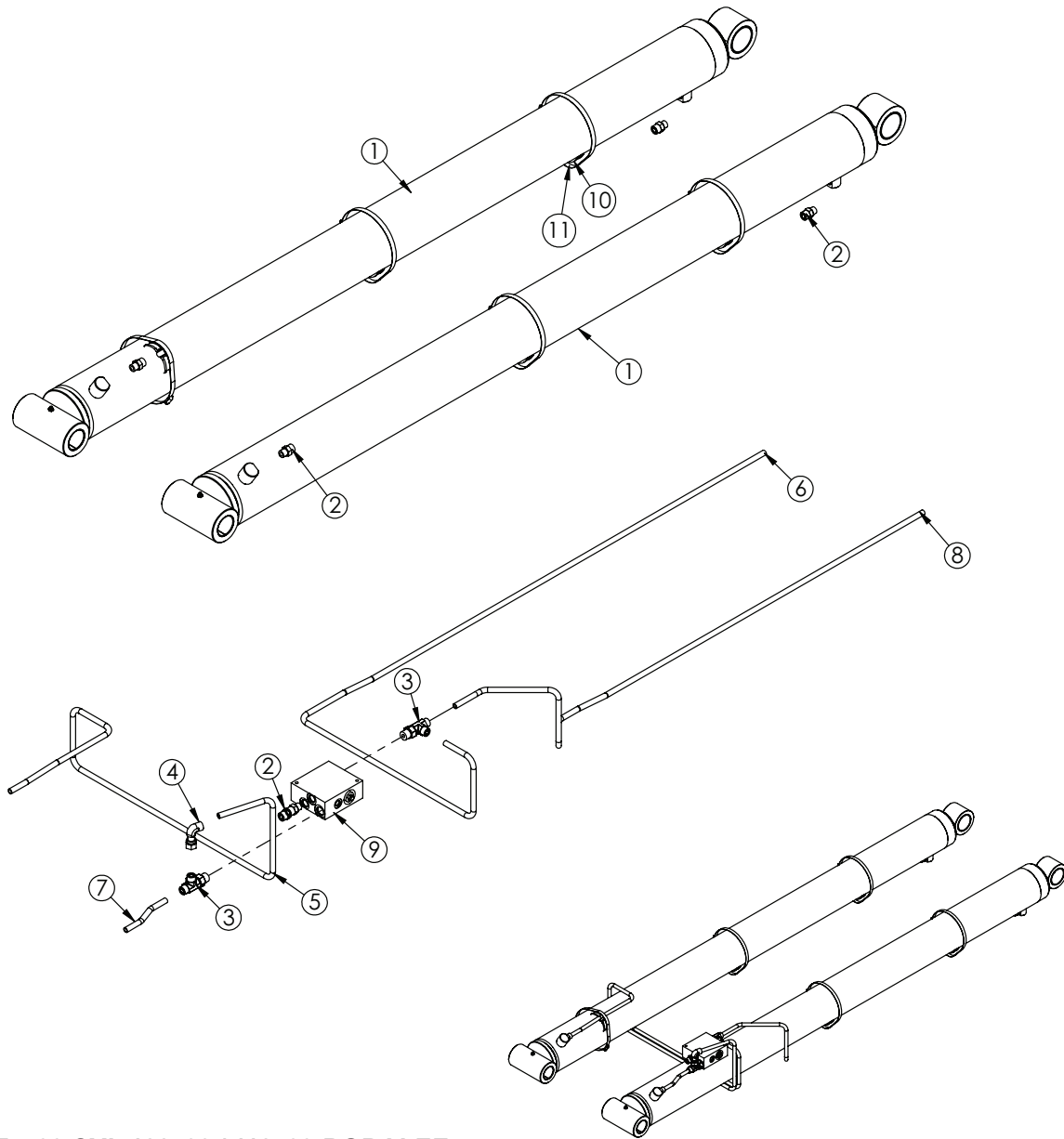
Secondary & Dump Latch Assembly - PN 113905



Secondary & Dump Latch Asm - PN 113905 Parts List

PN 113905			
ITEM	PART	DESCRIPTION	QTY
1	113906	SECONDARY SLIDER26 GEN3	1
2	114021	CYLINDER ASM DUAL SLIDER30	1
3	D0419	THRUST WASHER	2
4	C1592	ZERK 1/8 NPT STRAIGHT	3
5	1547	THRUST WASHER 2.51DIA UHMW .12THK	4
6	0479	CAP SCR 0.25-20X0.75 HHGR5	4
7	83958	CAP SCR 0.50-13X5.00 HHGR8	2
8	0356	CAP SCR 0.63-11X1.50 HHGR8	2
9	5468	NUT 0.50-13 HHGR8 NYLOC	2
10	0340	WASHER 0.25 USS FLAT	4
11	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
12	0246	SNAP RING ID 7200 150	2
13	0376	MACHY WASHER 1.50ID 14GA	2
14	8454	PIN CAP 0.69x3.00x0.19 YZ	2
15	114015CR	PIN 2.50X6.50 D&T W/HOLE ZC	2
16	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	2
17	114019	WEAR PAD 0.50X2.50 RND NYLATRON	4
18	114018	PLATE WEAR PAD COVER SEC SLIDER26 GEN3	2
19	113874	DUMP LATCH WLDMT SLIDER26 GEN3	2
20	0110	SNAP RING 1.00 ID 7200-100	2
21	0867	MACHY WASHER 1.00ID 14GA	2
22	54817	SPRING 1.00ODX0.125X4.50	2
23	114020	WEAR PAD 0.63IN SLIDER26 SECONDARY	2
24	0635	BUSHING BPC40DXR32 2.50X2.00	2
25	21810	BUSHING BPC24DXR12 1.50X.75	2
26	114016	PIN 1.00X10.81 SR	1
27	114017	PIN 1.50X11.00 SR	1
28	117100	COLLAR 1.51X3.00X0.75 UHMW	2

Main Cylinder Assembly - PN 114021

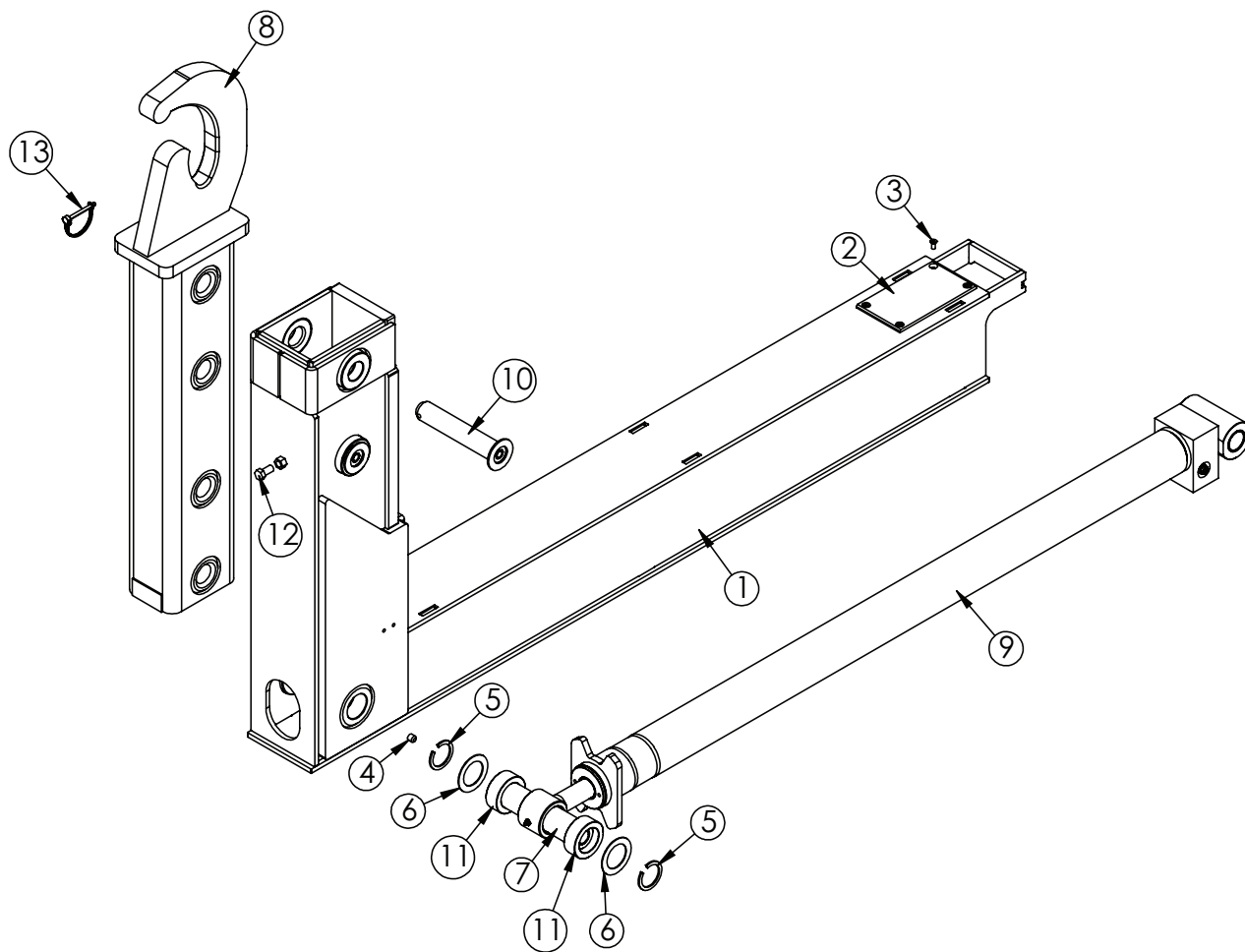


NOTES:
SEAL KIT 5.00 CYL 122793 / 112533-BOBALEE

PN 114021

ITEM	PART No.	DESCRIPTION	QTY.
01	112533	CYLINDER 5.00X78.00 W/SOFT STOP	2
02	1554	FTG 8-8 MFS-MORB STRAIGHT	6
03	37179	FTG 8-10-8 MFS-MAORB-MFS TEE	2
04	C2376	FTG 8-8 MFS-FFSS 90	1
05	114037	TUBE ASM 0.50X25.12 SLIDER26 GEN3 CS EXTEND YZ	1
06	114038	TUBE ASM 0.50X61.65 SLIDER26 GEN3 CS RETRACT YZ	1
07	53847	TUBE ASM 0.50X5.75 SLIDER 26 SS EXTEND YZ	1
08	114039	TUBE ASM 0.50X60.44 SLIDER 26 SS RETRACT YZ	1
09	15995	MANIFOLD ASM DUAL T2A 5000PSI	1
10	18701	CLAMP PORT TUBE ZR518	5
11	19369	HOSE CLAMP 4.13-7.00 5416K38	5

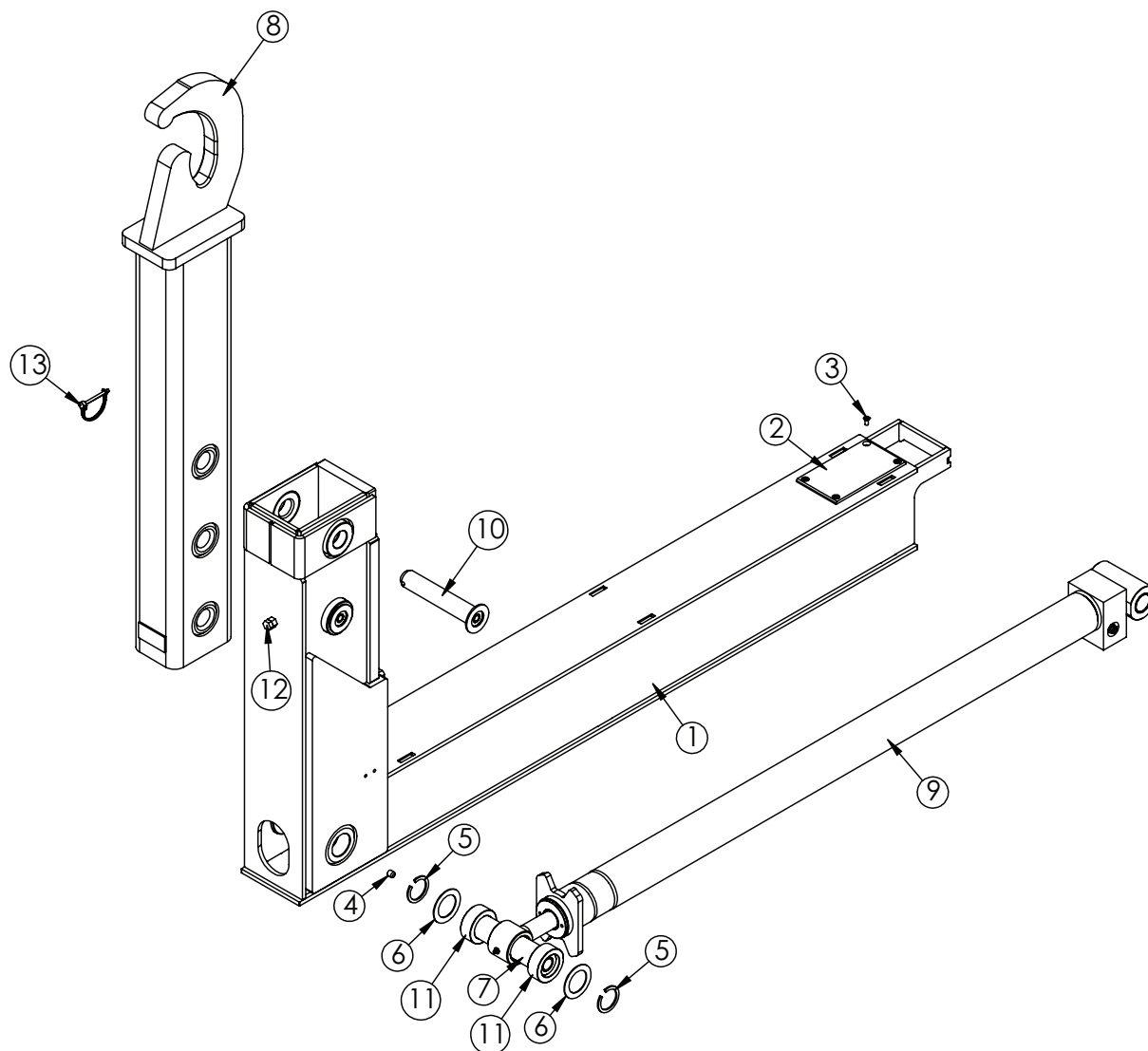
Jib Asm. (36/54 in. Manual Hook Height) - PN 117564



PN 117564

ITEM	PART No.	DESCRIPTION	QTY.
01	117566	JIB SLIDER26 GEN3 MANUAL	1
02	114041	WEAR PAD SLIDER26 JIB GEN3	2
03	25741	CAP SCR 0.25-20X0.63 FHS SS	8
04	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
05	0108	SNAP RING 2.00 7200-200	2
06	0377	MACHY WASHER 2.00ID 14GA	2
07	47847CR	PIN 2.00X8.44 SR ZC	1
08	117565	JIB TOP SLIDER30 MANUAL 36/54HH	1
09	113873	CYL ASM 3.00X42.00 SHORT BOSSES W/#8 FTGS	1
10	117599CR	PIN WLDMT 1.50X8.13	2
11	89287	COLLAR 2.01X3.00X1.13 UHMW	2
12	10172	CAP SCR 0.50-13X1.00 HHGR8	1
13	117616	PIN 0.25X2.13 WIRE LOCK	2

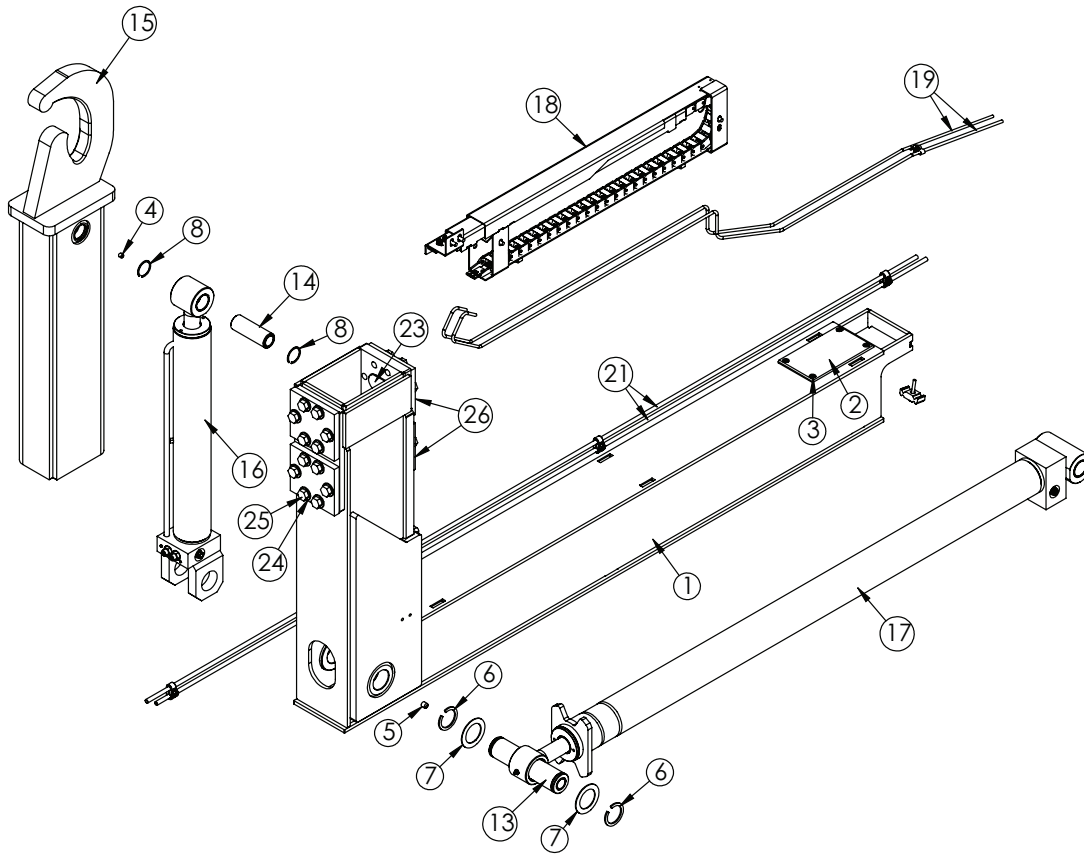
Jib Asm. (54/62 in. Manual Hook Height) - PN 117613



PN 117613

ITEM	PART No.	DESCRIPTION	QTY.
01	117566	JIB SLIDER26 GEN3 MANUAL	1
02	114041	WEAR PAD SLIDER26 JIB GEN3	2
03	25741	CAP SCR 0.25-20X0.63 FHSB SS	8
04	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
05	0108	SNAP RING 2.00 7200-200	2
06	0377	MACHY WASHER 2.00ID 14GA	2
07	47847CR	PIN 2.00X8.44 SR ZC	1
08	117614	JIB TOP SLIDER26 GEN3 MANUAL 54/62HH	1
09	113873	CYL ASM 3.00X42.00 SHORT BOSSES W/#8 FTGS	1
10	117599CR	PIN WLDMT 1.50X8.13	2
11	89287	COLLAR 2.01X3.00X1.13 UHMW	2
12	10172	CAP SCR 0.50-13X1.00 HHGR8	1
13	117616	PIN 0.25X2.13 WIRE LOCK	2

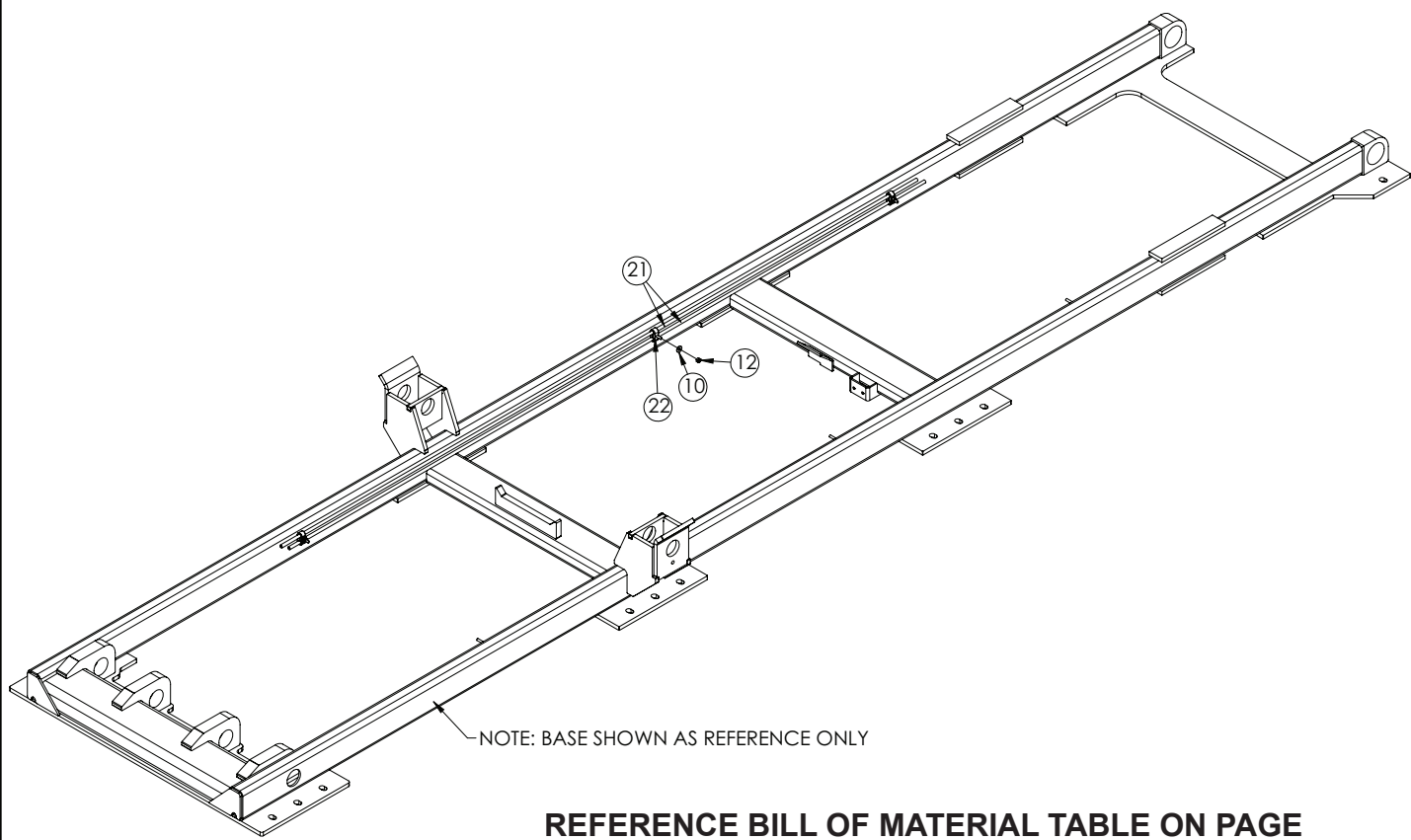
Jib Asm. (36/54 in. Hyd. Hook Height) - PN 119006



PN 119006

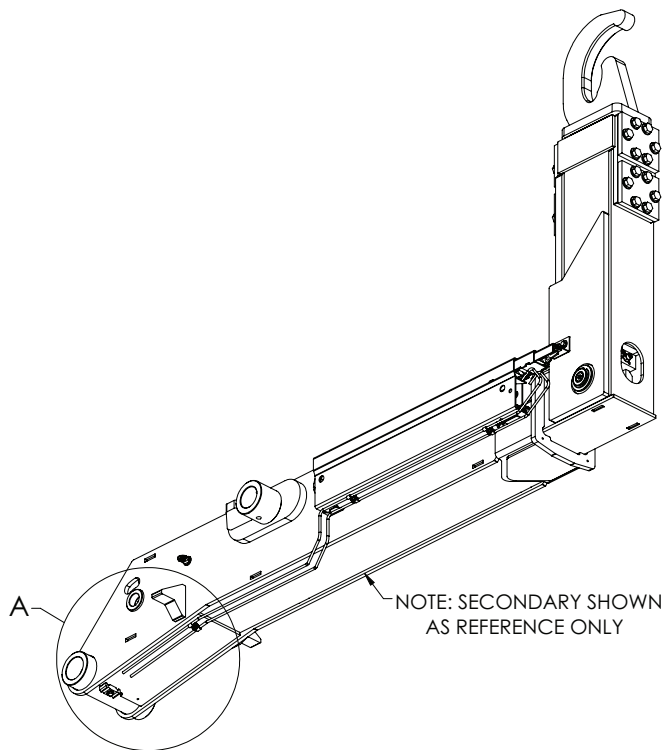
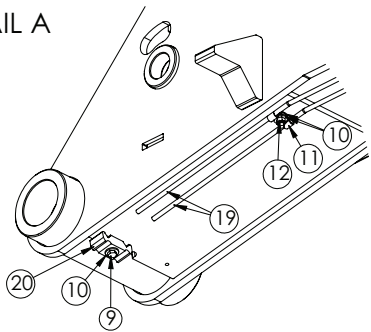
ITEM	PART No.	DESCRIPTION	QTY.	ITEM	PART No.	DESCRIPTION	QTY.
01	113056	JIB SLIDER30 36/54HH	1	14	54130CR	PIN 1.50X4.31 D&T	1
02	114041	WEAR PAD SLIDER26 JIB GEN3	2	15	113053	JIB TOP SLIDER30 HYD ADJUST 36/54HH	1
03	25741	CAP SCR 0.25-20X0.63 FHSB SS	8	16	54529	CYLINDER ASM 3.00X17.88	1
04	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	1	17	113873	CYL ASM 3.00X42.00 SHORT BOSSES W/#8 FTGS	1
05	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1	18	119417	HOSE TRACK ASM SLIDER20S GEN3	1
06	0108	SNAP RING 2.00 7200-200	2	19	113904	TUBE ASM 0.25 SLIDER26 GEN3 JIB HH ZC	2
07	0377	MACHY WASHER 2.00ID 14GA	2	20	8622	CLAMP HOSE/TUBE AG-2	1
08	54129	SNAP RING INSIDE 1.50	2	21	119005	TUBE ASM 0.38X100.50 SLIDER26 G3 JIB EXTEND ZC	2
09	0481	CAP SCR 0.25-20X2.00 HHGR5	1	22	96567	CLAMP 0.38 PORT TUBE TWIN - STAUFF LNGF	3
10	0340	WASHER 0.25 USS FLAT	6	23	42448	WEAR PAD A2 HYD JIB	4
11	C5606	CLAMP 0.25 BLK VINYL	2	24	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	24
12	0333	NUT 0.25-20 HHGR5 NYLOC	4	25	112083	CAP SCR 0.63-11X1.75 HHGR5 W/RED PATCH	24
13	47847CR	PIN 2.00X8.44 SR ZC	1	26	43513	PLATE WEAR PAD COVER SLIDER34 JIB PC BLACK	4

Jib Asm. (36/54 in. Hyd. Hook Height) - PN 119006 (cont.)

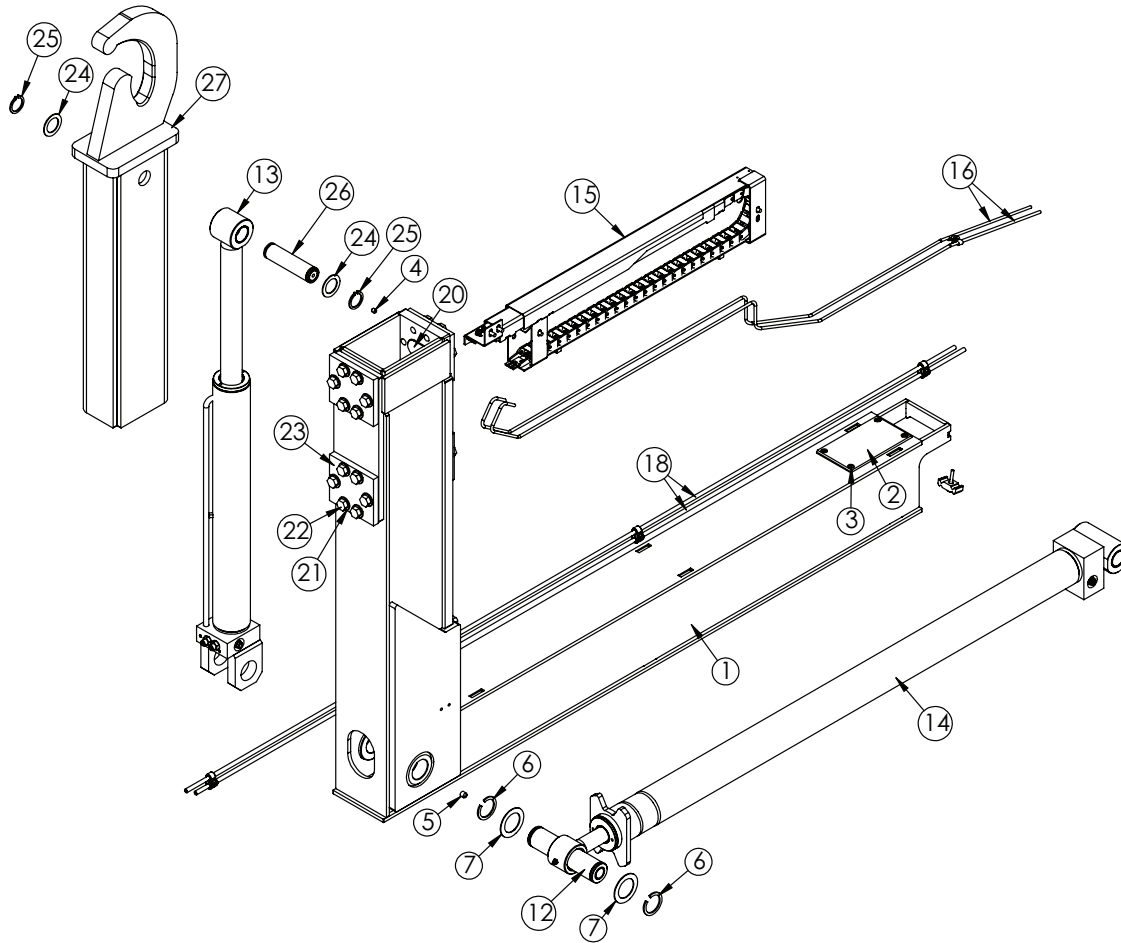


REFERENCE BILL OF MATERIAL TABLE ON PAGE 39

DETAIL A



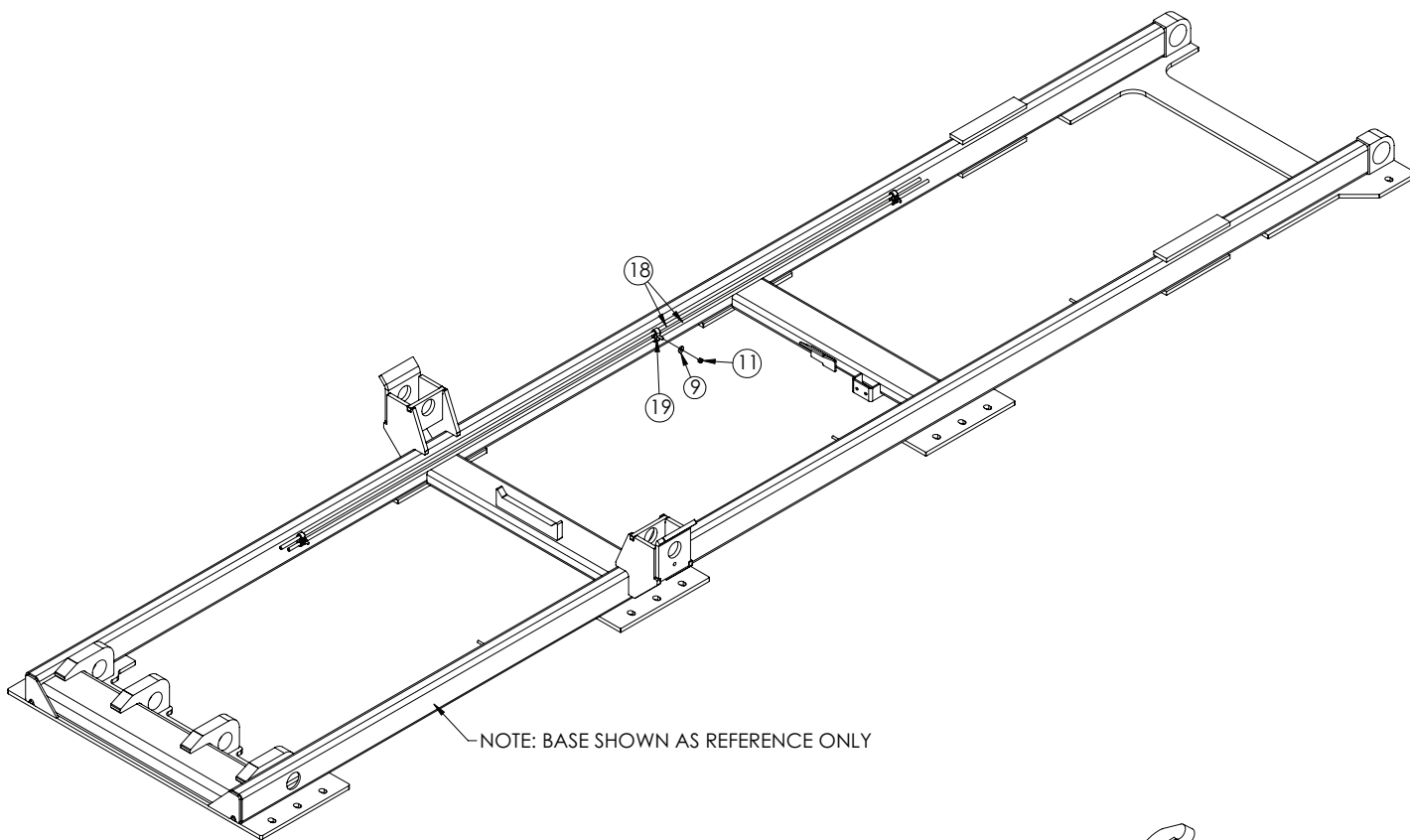
Jib Asm. (54/62 in. Hyd. Hook Height) - PN 118282



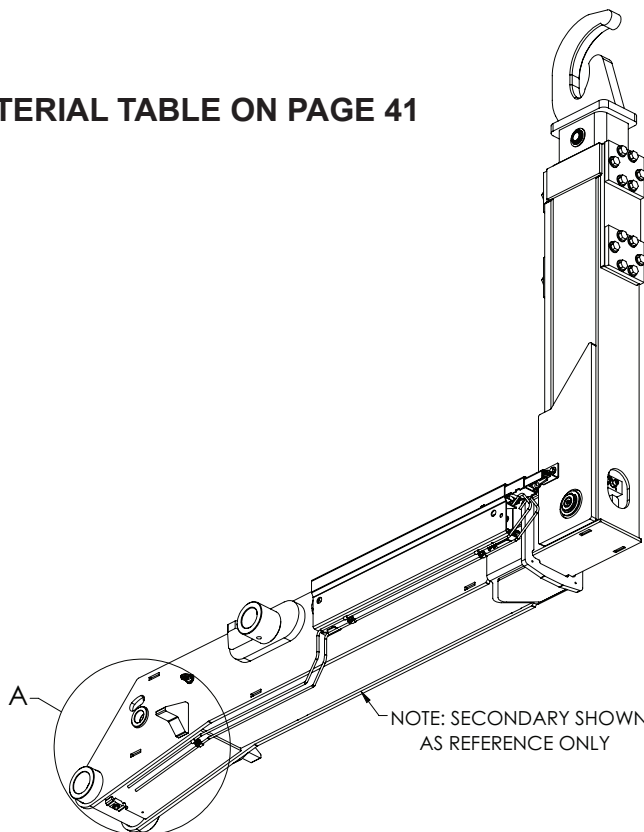
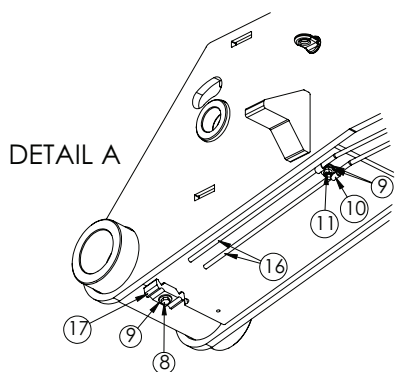
PN 118282

ITEM	PART No.	DESCRIPTION	QTY.	ITEM	PART No.	DESCRIPTION	QTY.
01	118674	JIB SLIDER26 GEN3 54/62HH	1	15	119417	HOSE TRACK ASM SLIDER20S GEN3	1
02	114041	WEAR PAD SLIDER26 JIB GEN3	2	16	113904	TUBE ASM 0.25 SLIDER26 GEN3 JIB HH ZC	2
03	25741	CAP SCR 0.25-20X0.63 FHSB SS	8	17	8622	CLAMP HOSE/TUBE AG-2	1
04	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	1	18	119005	TUBE ASM 0.38X100.50 SLIDER26 G3 JIB EXTEND ZC	2
05	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1	19	96567	CLAMP 0.38 PORT TUBE TWIN - STAUFF LNGF	3
06	0108	SNAP RING 2.00 7200-200	2	20	42448	WEAR PAD A2 HYD JIB	4
07	0377	MACHY WASHER 2.00ID 14GA	2	21	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	24
08	0481	CAP SCR 0.25-20X2.00 HHGR5	1	22	112083	CAP SCR 0.63-11X1.75 HHGR5 W/RED PATCH	24
09	0340	WASHER 0.25 USS FLAT	6	23	43513	PLATE WEAR PAD COVER SLIDER34 JIB PC BLACK	4
10	C5606	CLAMP 0.25 BLK VINYL	2	24	0376	MACHY WASHER 1.50ID 14GA	4
11	0333	NUT 0.25-20 HHGR5 NYLOC	1	25	0246	SNAP RING ID 7200 150	2
12	47847CR	PIN 2.00X8.44 SR ZC	1	26	42756CR	PIN 1.50X5.75 SR ZC	1
13	43505	CYLINDER ASM 3.00X7.75	1	27	119424	JIB TOP SLIDER26 GEN3 HYD ADJUST 54/62HH	1
14	113873	CYL ASM 3.00X42.00 SHORT BOSSES W/#8 FTGS	1				

Jib Asm. (54/62 in. Hyd. Hook Height) - PN 118282 (cont.)

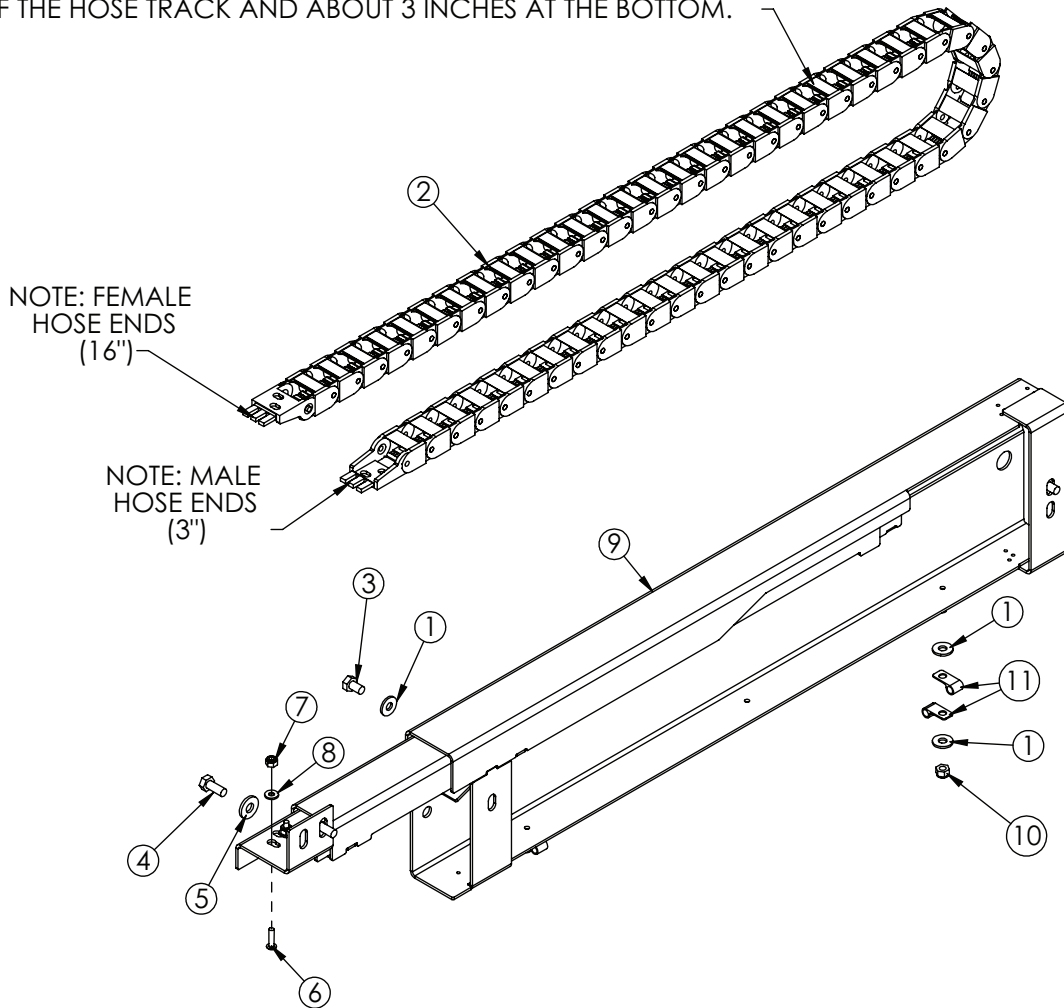


REFERENCE BILL OF MATERIAL TABLE ON PAGE 41



Hose Track - PN 119417

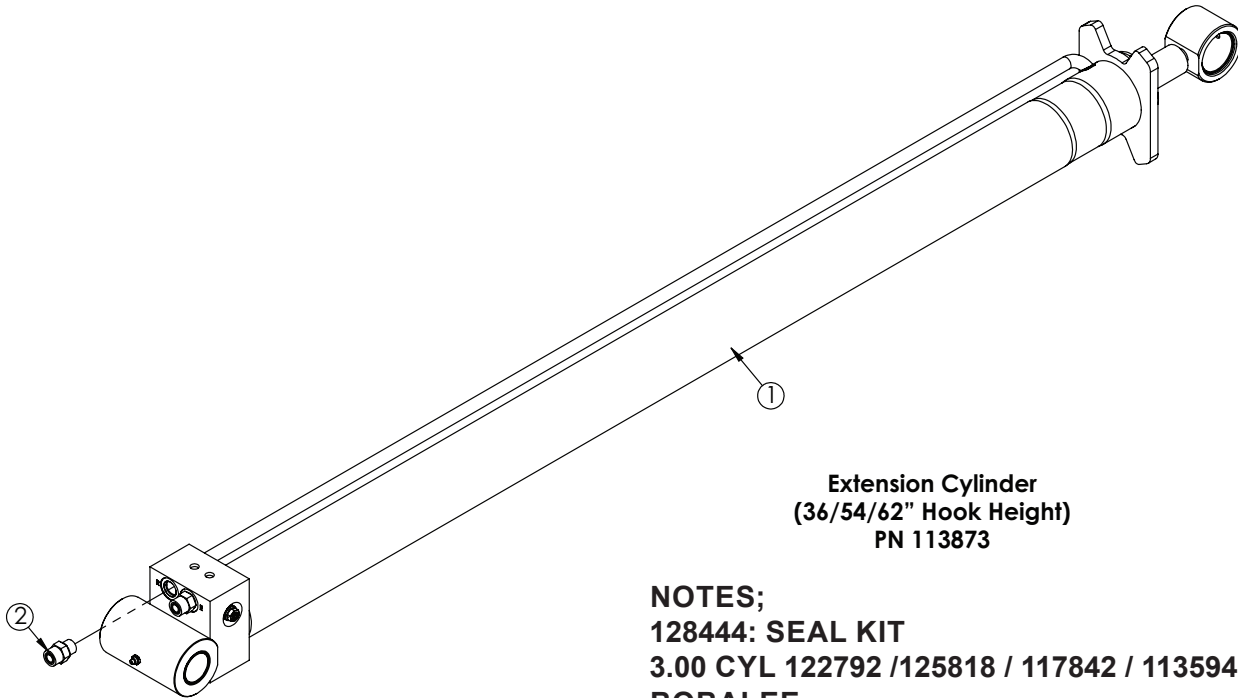
NOTE: WHEN PLACING HOSES (84950) FROM KIT (113679) INTO THE HOSE TRACK (54193) LEAVE 16 INCHES OF HOSE OUT THE TOP OF THE HOSE TRACK AND ABOUT 3 INCHES AT THE BOTTOM.



PN 119417

ITEM	PART No.	DESCRIPTION	QTY.
01	0340	WASHER 0.25 USS FLAT	6
02	54193	HOSE TRACK SLIDER 26	1
03	0484	CAP SCR 0.31-18X0.50 HHGR5	2
04	0420	CAP SCR 0.31-18X0.75 HHGR5	2
05	0343	WASHER 0.31 USS FLAT	2
06	D0894	CAP SCR #10-24X0.75 BTNHD SS	4
07	C4956	NUT #10-24 HH NYLOC SS	4
08	D0178	WASHER #10 SAE FLAT	4
09	119418	HOSE TRACK WLDMT SLIDER20S GEN3	1
10	0333	NUT 0.25-20 HHGR5 NYLOC	2
11	C5606	CLAMP 0.25 BLK VINYL	4

Slider26 Cylinder Assemblies

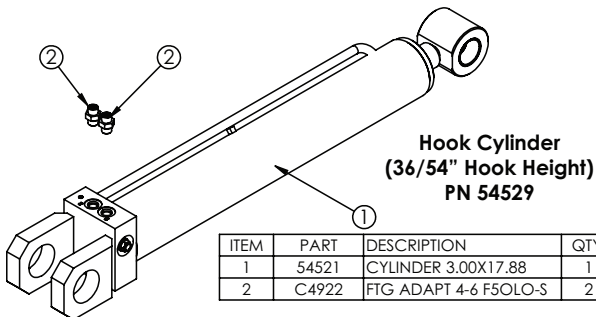


Extension Cylinder
(36/54/62" Hook Height)
PN 113873

NOTES;
128444: SEAL KIT
3.00 CYL 122792 /125818 / 117842 / 113594
BOBALEE

ITEM	PART No.	DESCRIPTION	QTY.
01	113594	CYLINDER 3.00X42.00 SHORT BOSS'S W/ #8 PORTS	1
02	1554	FTG 8-8 MFS-MORB STRAIGHT	2

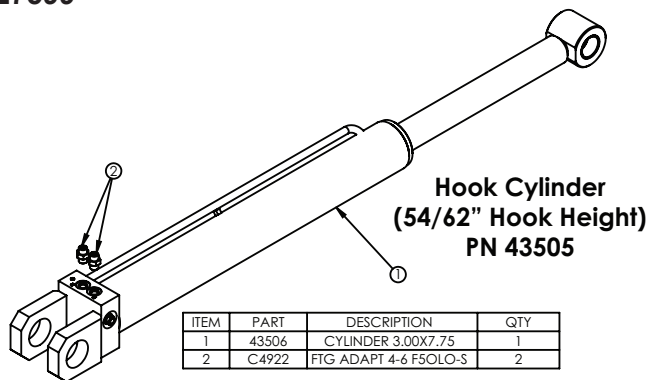
NOTES:
42471: SEAL KIT 3.00 CYL - 35176 / 54521 / 27599



Hook Cylinder
(36/54" Hook Height)
PN 54529

ITEM	PART	DESCRIPTION	QTY.
1	54521	CYLINDER 3.00X17.88	1
2	C4922	FTG ADAPT 4-6 F5OLO-S	2

NOTES:
42471: SEAL KIT 3.00 CYL - 35176 / 54521 / 27599

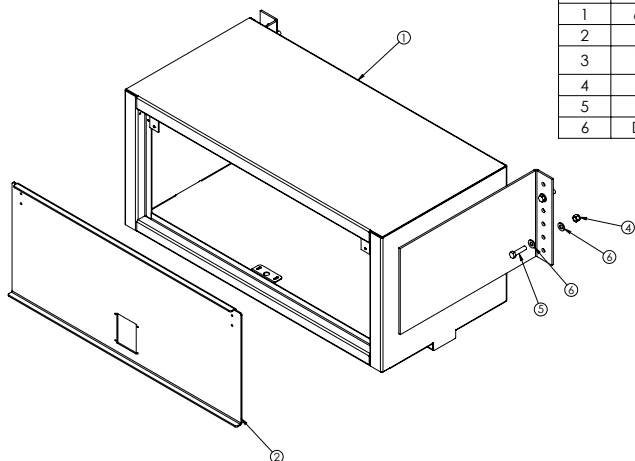


Hook Cylinder
(54/62" Hook Height)
PN 43505

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

Toolbox Assembly - PN 8480

PN 8480

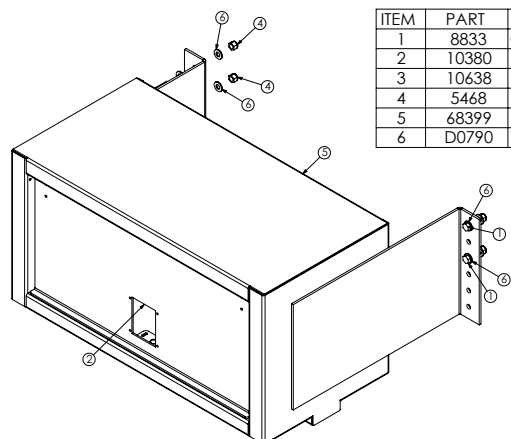


ITEM	PART	DESCRIPTION	QTY.
1	66791	UBTB WLDMT OH 20X45X22 W/MOUNTS	1
2	7193	DOOR AL OH 17.13X40.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	8833	CAP SCR 0.50-13X2.00 HHGR8	4
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

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

Toolbox Assembly - PN 10401

PN 10401

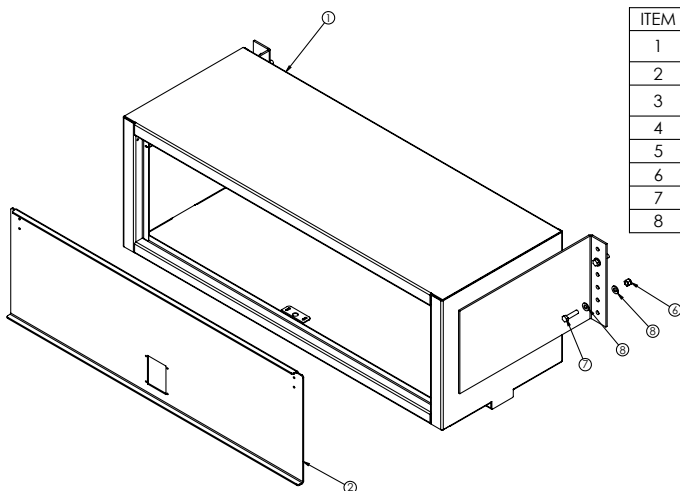


ITEM	PART	DESCRIPTION	QTY.
1	8833	CAP SCR 0.50-13X2.00 HHGR8	4
2	10380	DOOR AL OH 15.19X31.00	1
3	10638	HARDWARE ASM OH DOOR NOT SHOWN (NOT SHOWN)	1
4	5468	NUT 0.50-13 HHGR8 NYLOC	4
5	68399	UBTB WLDMT OH OH 18X36X18 W/MOUNTS TAB	1
6	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8

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

Toolbox Assembly - PN 10402

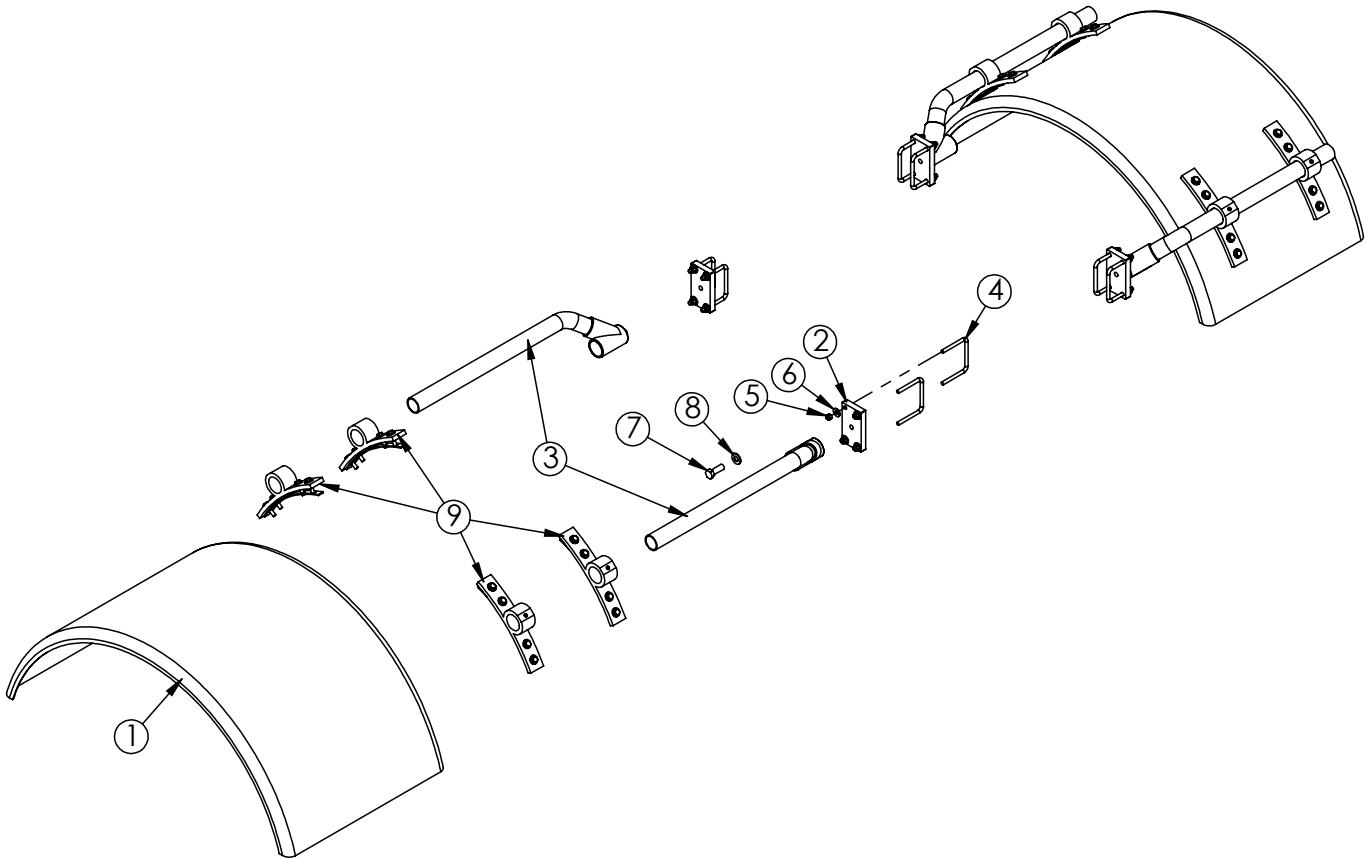
PN 10402



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

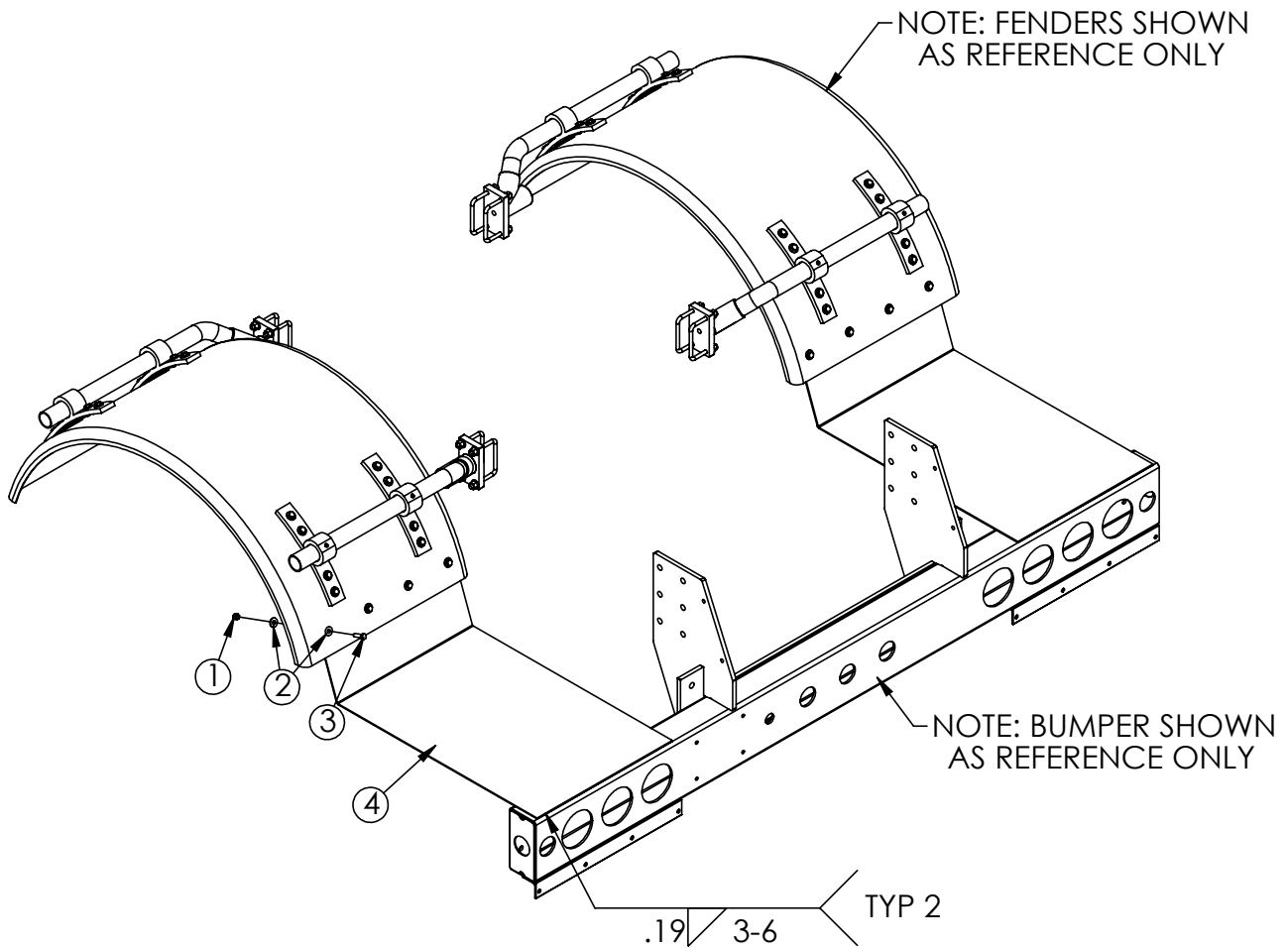
Optional Fender Kit - PN 116164



PN 116164

ITEM	PART No.	DESCRIPTION	QTY.
01	116165	FENDER SINGLE AL DPS CNE	2
02	86004	FLAT 0.75X3.00X5.38 CR W/HOLES PC BLACK	4
03	5733	MTG KIT OFFSET POLY FENDER (FLEET)	2
04	80044	U BOLT 0.38X4.00X4.00 ZP	8
05	0347	NUT 0.38-16 HHGR5 NYLOC	16
06	0346	WASHER 0.38 USS FLAT	16
07	11693	CAP SCR 0.63-11X1.75 HHGR8	4
08	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	4
09	7633	FENDER MOUNT ASM KIT	2

Optional Threshold Plate Kit - PN 119066



PN 119066

ITEM	PART No.	DESCRIPTION	QTY.
01	0347	NUT 0.38-16 HHGR5 NYLOC	8
02	0346	WASHER 0.38 USS FLAT	16
03	0335	CAP SCR 0.38-16X1.25 HHGR5	8
04	116166	ANGLE FORMED 10GAX8.50X33.28X20.38	2



Subject to Change without Notification.
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