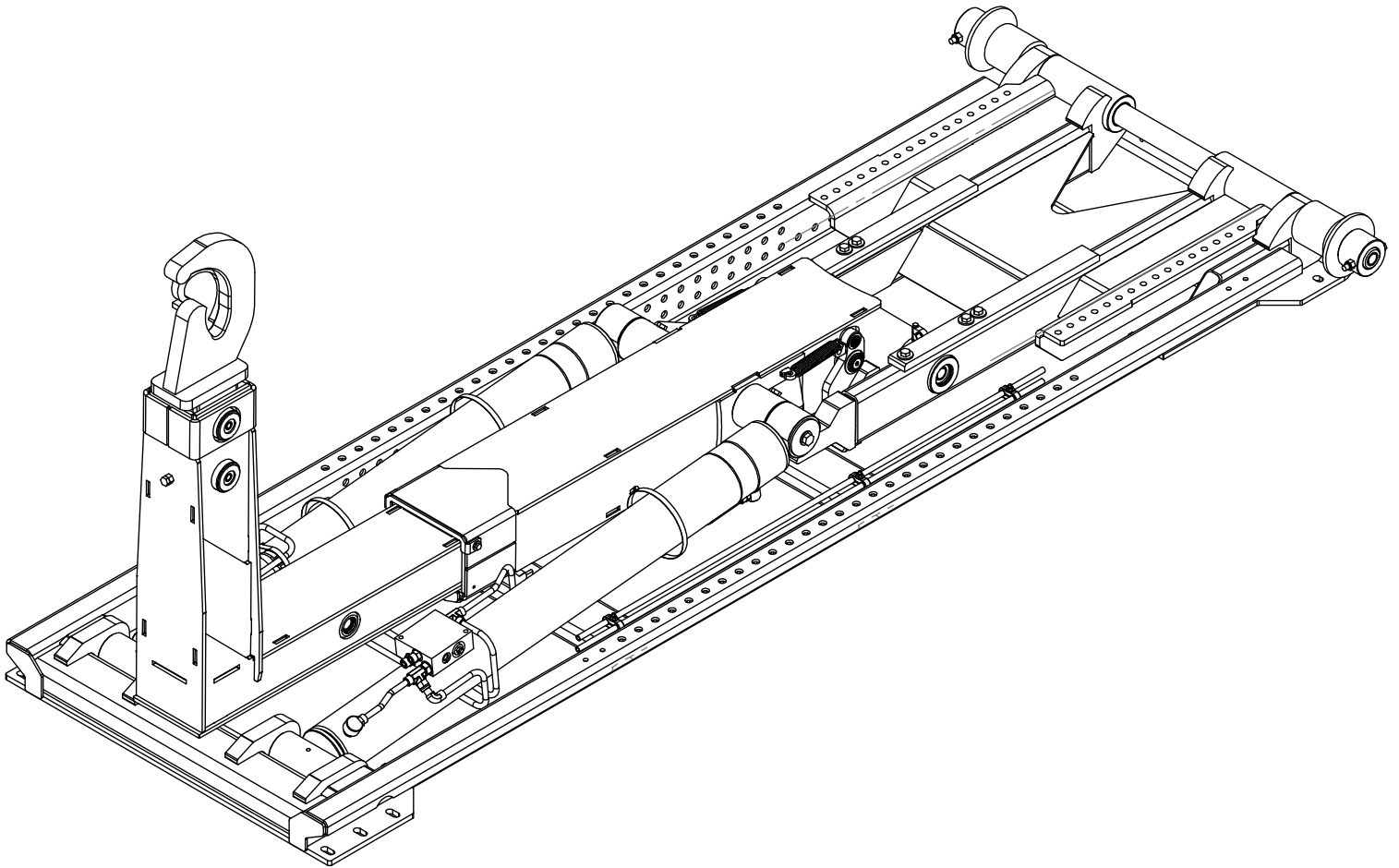




NXT18 Hooklift Installation Manual

Installation & Assembly Instructions



Stellar Industries, Inc.

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Garner, IA 50438

800-321-3741

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www.stellarindustries.com

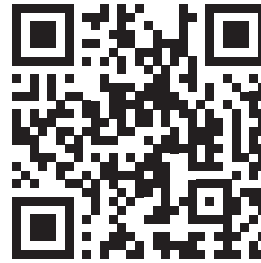
Subject to Change without Notification.
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REV1.10
PN: 127722

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.



www.p65warnings.ca.gov

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

NOTICE indicates a practice not related to physical injury.

⚠ WARNING

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

⚠ DANGER

DANGER 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 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.



www.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

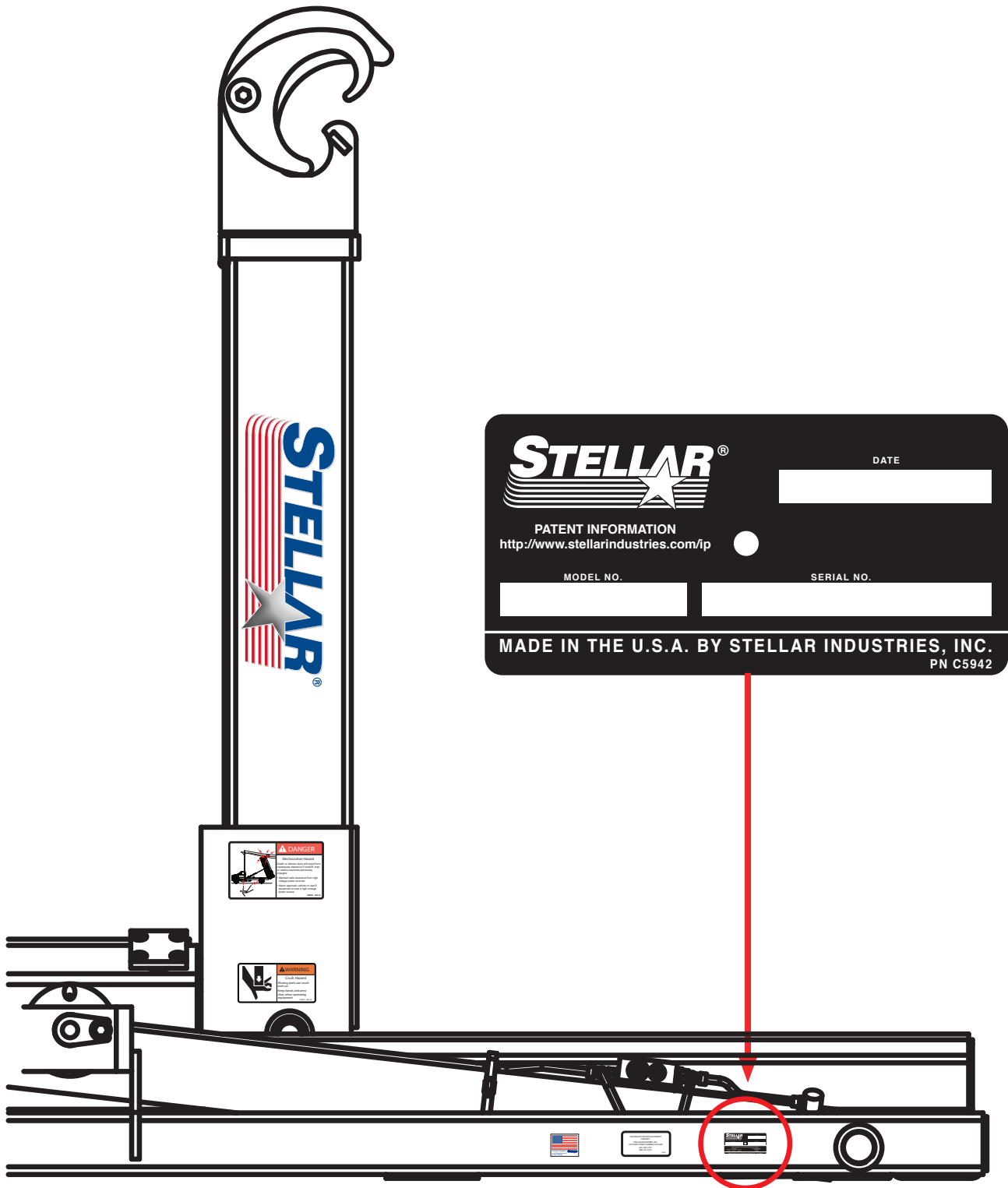
Chapter 1 - Specifications

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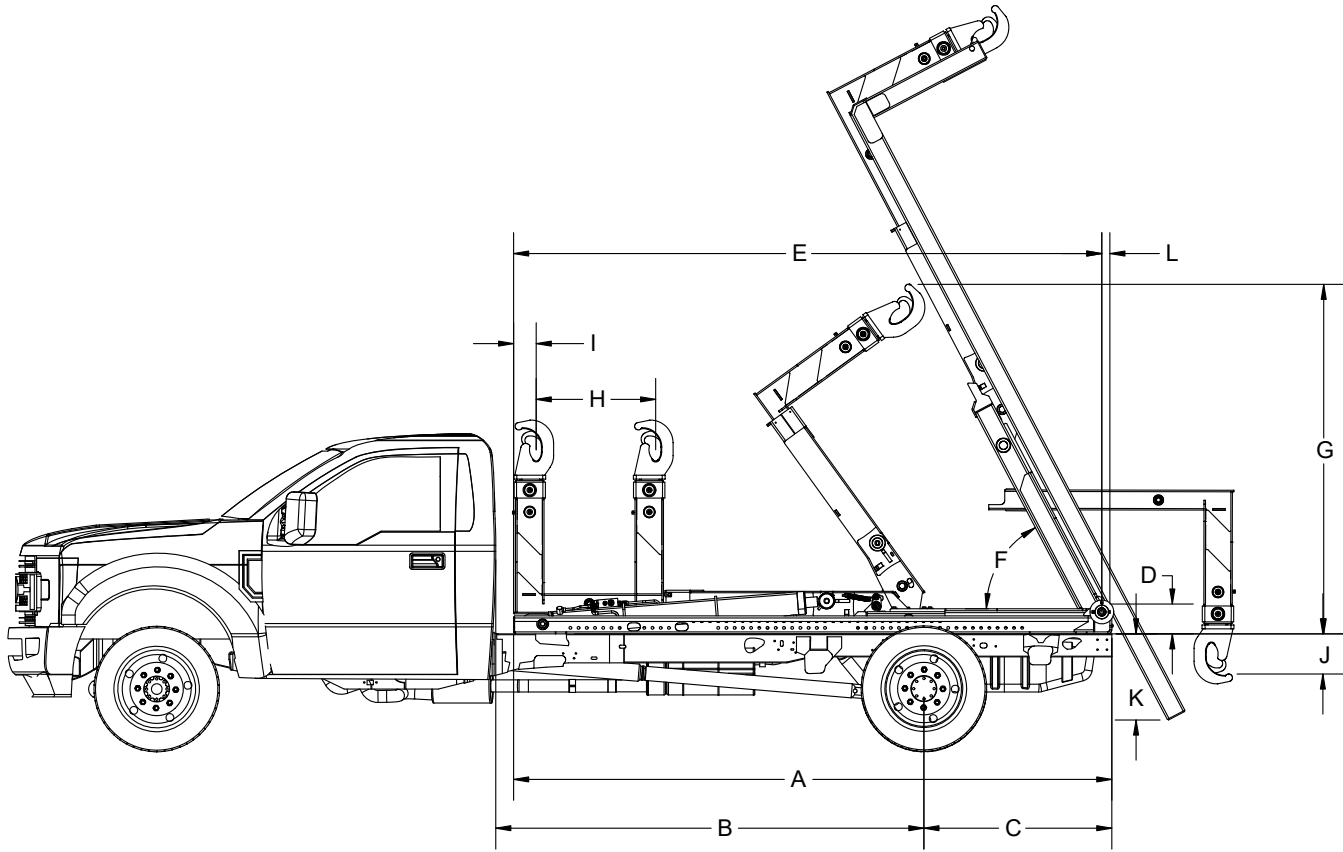
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Serial Tag Location

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



NXT18 Specifications



		NXT18S - 36" OR 54"	NXT18L - 36" OR 54"
A	OVERALL LENGTH	126.19" (3,205.2 mm)	150.19" (3,815 mm)
B	CAB-TO-AXLE RANGE	84" TO 96" (2,133 to 2,438 mm)	108" TO 120" (2,743 to 3,048 mm)
C	AFTER FRAME RANGE	47" (1,194 mm)	
D	LOADER HEIGHT	7.50" (190.5 mm)	
E	FRONT OF JIB TO CENTERLINE OF ROLLER	123.69" (3142 mm)	147.69" (3,751 mm)
F	DUMP ANGLE	60°	
G	MAX TILT HEIGHT	36" HH: 82.94" (2,107 mm) 54" HH: 95.13" (2,416 mm)	36" HH: 87.75" (2,229 mm) 54" HH: 99.37" (2,524 mm)
H	JIB TRAVEL	24" (610 mm)	30" (762 mm)
I	FRONT OF JIB TO CENTERLINE OF HOOK	5.63" (143 mm)	
J	HOOK BELOW FRAME	36" HH: 10" (254 mm) 54" HH: 27.88" (708 mm)	36" HH: 10" (254 mm) 54" HH: 27.88" (708 mm)
K	LOWEST POINT OF DUMP*	16.38" (W/11.5' BODY) (416 mm)	21.63" (549 mm)
L	CENTERLINE TO BACK OF ROLLER	2" (51 mm)	2" (51 mm)

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

NXT18 Specifications

NXT18	
HOOK HEIGHT:	35.63" (905 mm) or 54" (1,372 mm)
LIFT CAPACITY	35.63" HH: 18,000 lbs (8,165 kg)
	54" HH: 18,000 LB (8,165 kg)
DUMP CAPACITY:	18,000 LB (8,165 kg)
CYCLE TIMES	TILT / DUMP EXTEND - 36 SECONDS
	TILT / DUMP RETRACT - 30 SECONDS
	JIB EXTEND - 5 SECONDS
	JIB RETRACT - 4 SECONDS
	(TIMES BASED ON 16 GPM OF OIL FLOW.)
SHIPPING WEIGHT:	SHORT VERSION: 2,100 LB (952 kg)
	LONG VERSION: 2,400 LB (1,089 kg)
BODY LENGTHS:	SHORT VERSION: 8'-11' 6" (2,438 - 3,505 mm)
	LONG VERSION: 12'-14' (3,658 - 4,267 mm)
	(WITHOUT RESERVOIR AND BODY LOCKS.)
MIN. TRUCK GVWR:	16,000 - 26,000 LB (7,257 - 11,793 kg)
MAXIMUM HYDRAULIC FLOW:	16 GPM (60.5 LPM)
OPERATING PRESSURE:	4,200 PSI (289 Bar)
COMPONENTS:	MAIN COMPONENTS ARE MANUFACTURED WITH HIGH-STRENGTH STEEL. GREASABLE BUSHINGS AT ALL PIVOT POINTS. ALL PINS ARE ZINC-PLATED CARBON STEEL AS STANDARD WITH AN OPTION TO UPGRADE TO TYPE 17-4 STAINLESS PINS.

Chapter 2 - Installation Instructions

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General Installation

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

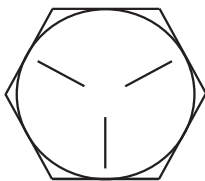
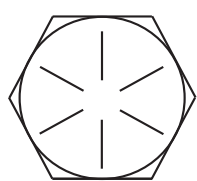
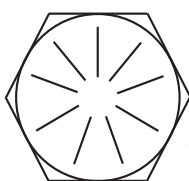


www.nhtsa.gov



www.ecf.gov/current/title-49

Torque Data Chart

		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

Torquing Information & Warnings

⚠ WARNING 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 on page 8, applied to the nut, not to the bolt head. Tighten toothed or serrated-type lock nuts to the full torque value.

NOTICE

*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.

Fittings

Flat Face O-Ring Seal - FFORX

HOSE FITTING ONLY



SIZE	THREAD SIZE	LB-FT TORQUE
-4	9/16-18 UNF	21
-5	5/8-18 UNF	25
-6	11/16-16 UN	40
-8	13/16-16 UN	46
-10	1-14 UNS	50
-12	1-3/16-12 UN	75
-16	1-7/16-12 UN	104
-20	1-11/16-12 UN	141
-24	2-12 UN	166
-32	2-1/2-12 UN	423

SAE 37° JIC

HOSE FITTING & FEMALE SWIVEL FITTINGS



SIZE	THREAD SIZE	LB-FT TORQUE
-2	5/16-24 UNF	7
-3	3/8-24UNF	9
-4	9/16-18 UNF	13
-5	5/8-18 UNF	16
-6	11/16-16 UN	20
-8	13/16-16 UN	41
-10	1-14 UNS	64
-12	1-3/16-12 UN	89
-16	1-7/16-12 UN	122
-20	1-11/16-12 UN	143
-24	2-12 UN	178
-32	2-1/2-12 UN	275

Fittings - Continued

O-Ring Boss

HYDRAULIC FITTING ONLY



-SIZE	THREAD SIZE	ORB	AORB
-4	7/16-20 UNF	15	23
-6	9/16-18 UNF	24	32
-8	3/4-16 UNF	40	55
-10	7/8-14 UNF	61	76
-12	1-1/16-12 UN	101	116
-16	1-5/16-12 UN	120	119
-20	1-5/8-12 UN	125	125
-24	1-7/8-12 UN	140	140
-32	2-1/2-12 UN	157	157

Face Seal Female Swivel Fittings

HYDRAULIC FITTING ONLY



-SIZE	THREAD SIZE	LB-FT TORQUE
-4	9/16-18 UNF	13
-6	11/16-16 UN	23
-8	13/16-16 UN	40
-10	1-14 UNS	61
-12	1-3/16-12 UN	86
-16	1-7/16-12 UN	119
-20	1-11/16-12 UN	125
-24	2-12 UN	140

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 hooklift for tarpers, exhaust manifolds, etc., or insufficient room in the rear to allow for bumper selection.

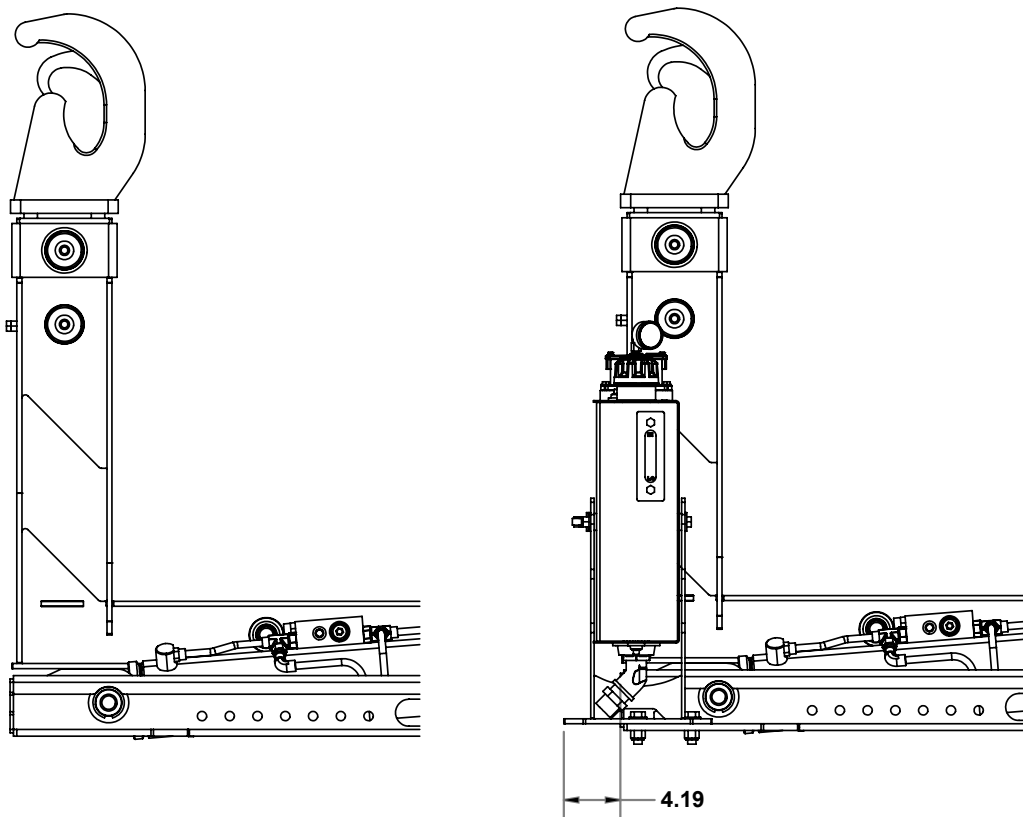
NOTICE

Stellar Industries recommends allowing 12" behind the start of clear truck frame for installation of a tarping system.

- Be sure to square the hooklift 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.

NOTICE

On some hooklift models, the jib may extend beyond the front of the base.



Installation Notice

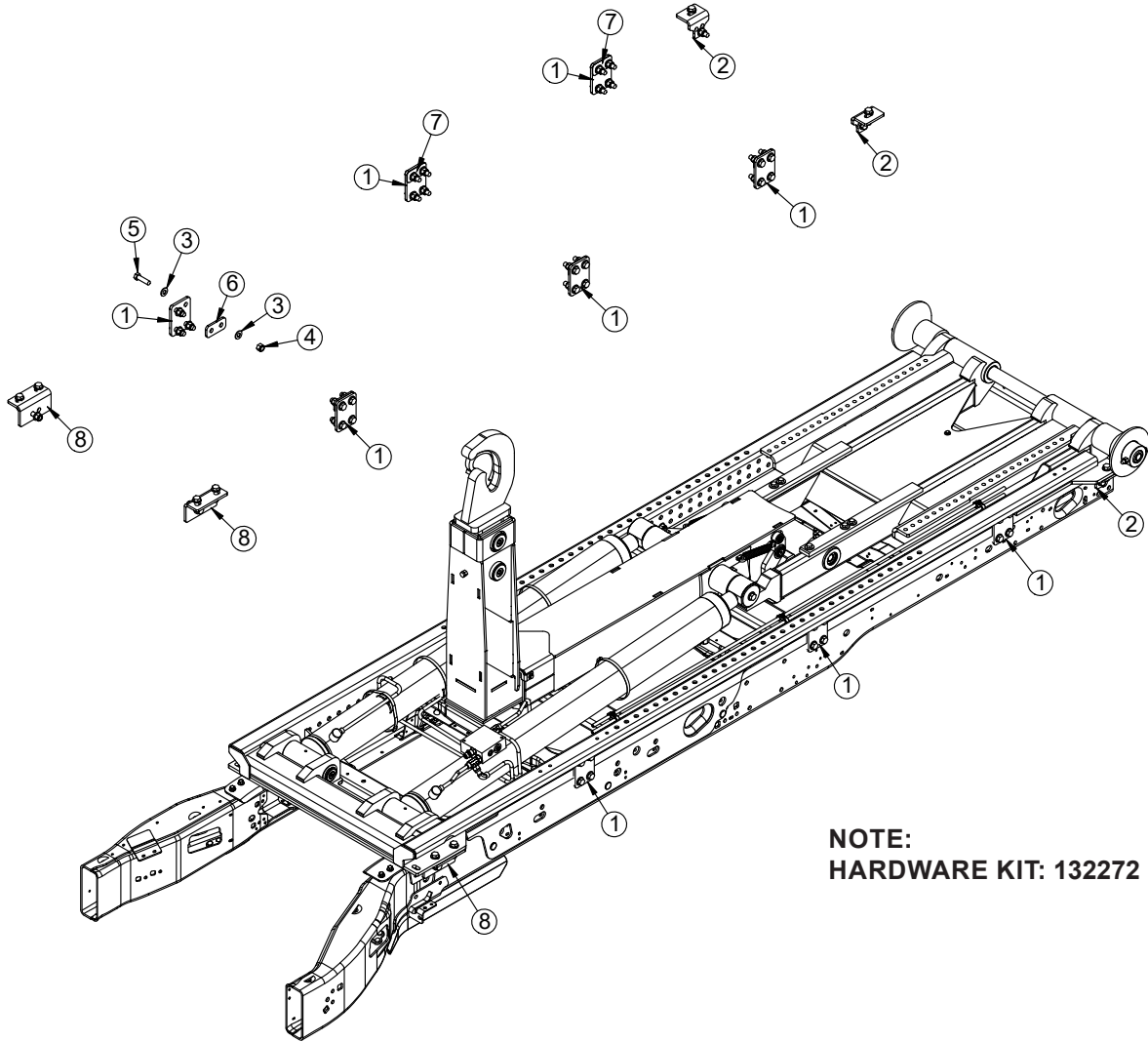
NOTICE

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.



www.stellarindustries.com/support

Mounting Kit - PN 123250

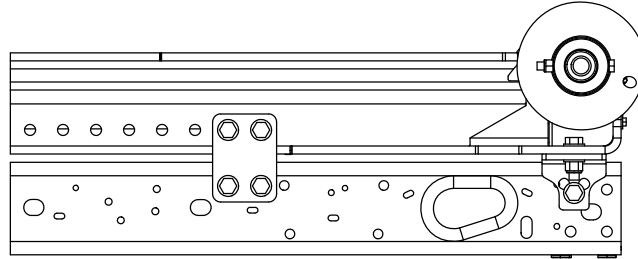


NOTE:
HARDWARE KIT: 132272

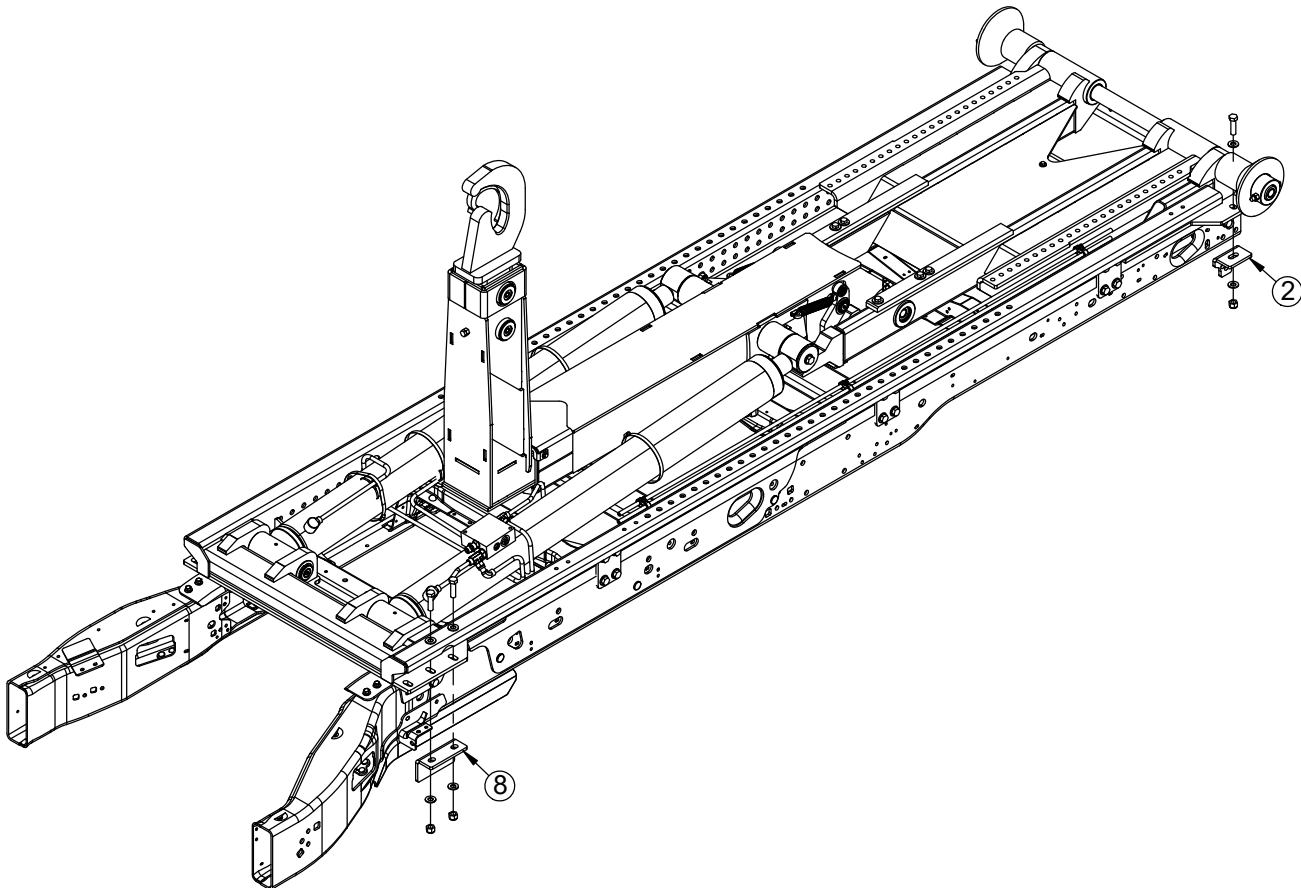
PN 123250			
ITEM	PART	DESCRIPTION	QTY
1	114129	PLATE 0.38X5.50X4.00 HOLES	6
2	122791	ANGLE FORMED NXT18 BASE MNT	2
3	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	68
4	24868	NUT 0.63-11 HHGR8 NYLOC	34
5	84053	CAP SCR 0.63-11X2.25 HHGR8	34
6	123768	PLATE 0.31X2.00X4.00 HOLES	2
7	123769	PLATE 14GAX2.00X4.00 HOLES	4
8	122710	ANGLE FORMED NXT18 BASE MNT FRONT	2
REV. B: REQ829			

ITEMS NOT SHOWN		
PART	DESCRIPTION	QTY
123768	PLATE 0.31X2.00X4.00 HOLES	2
123769	PLATE 14GAX2.00X4.00 HOLES	2

Step 2: Bolt Tie-Down Castings To Mounting Plates

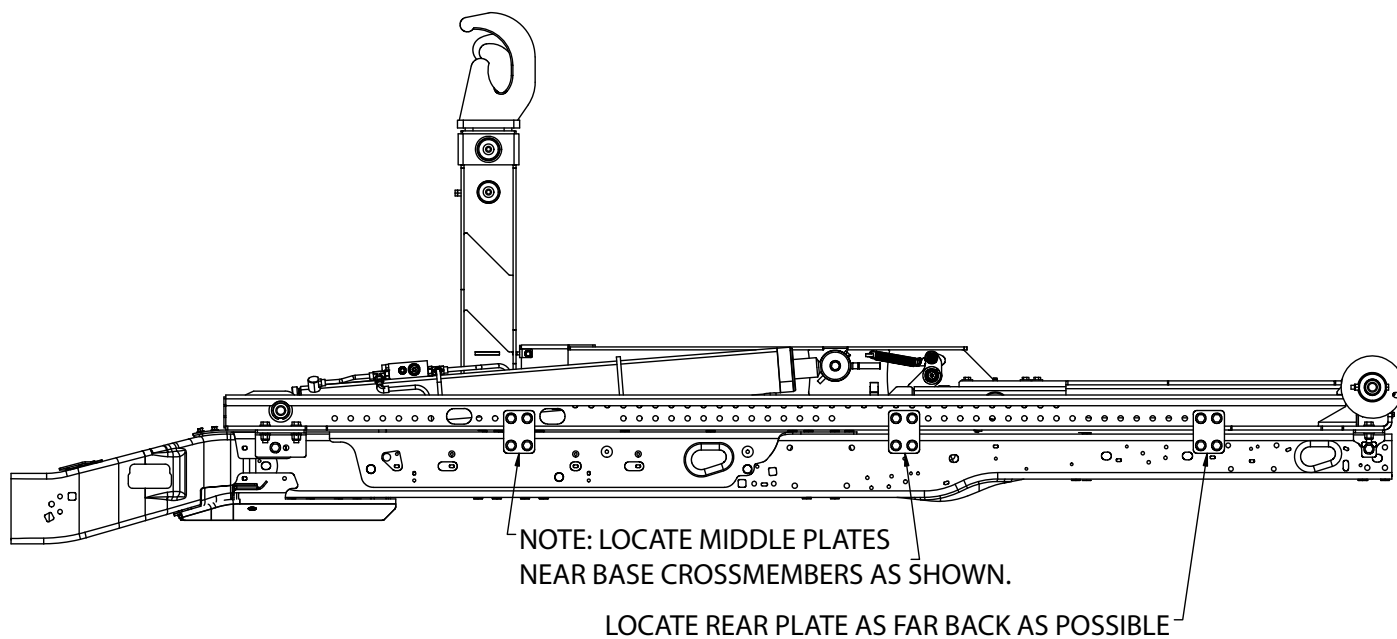


NOTE: MODIFY THE TRUCK FRAME AS NECESSARY SO THAT IT ENDS FLUSH WITH THE REAR TO MOUNT BUMPER.



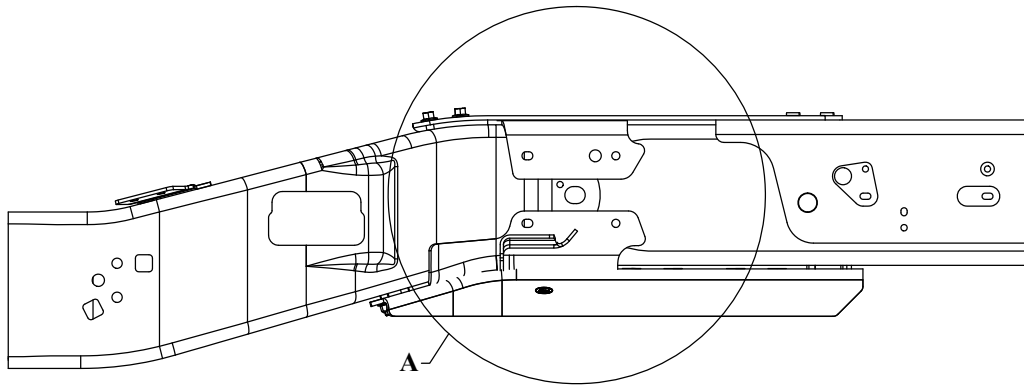
NOTE: BOLT FRONT AND REAR TIE-DOWN ANGLES TO THE UNDERSIDE OF EACH MOUNTING PLATE LOCATED ON THE OUTSIDE OF THE MAIN RAILS OF THE BASE. (BOTH SIDES)

Step 3: Drill Mounting Holes Into Frame Rail

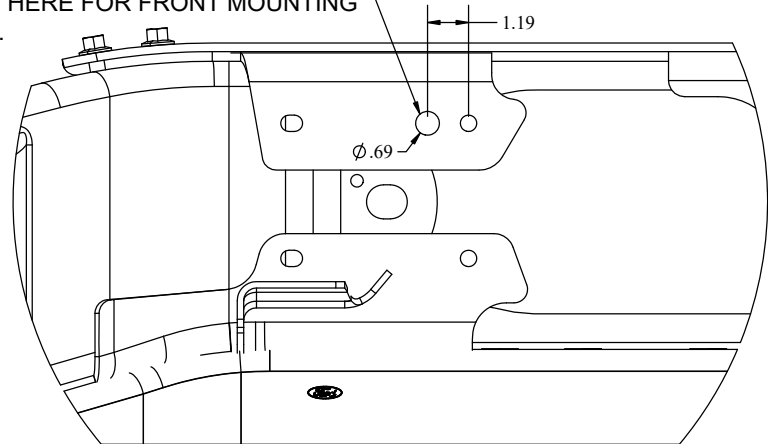


NOTE: USING THE BOTTOM HOLES IN THE TIE-DOWN ANGLES AND PLATES AS GUIDES,
DRILL 11 / 16" MOUNTING HOLES THROUGH THE TRUCK FRAME AS SHOWN (BOTH SIDES).

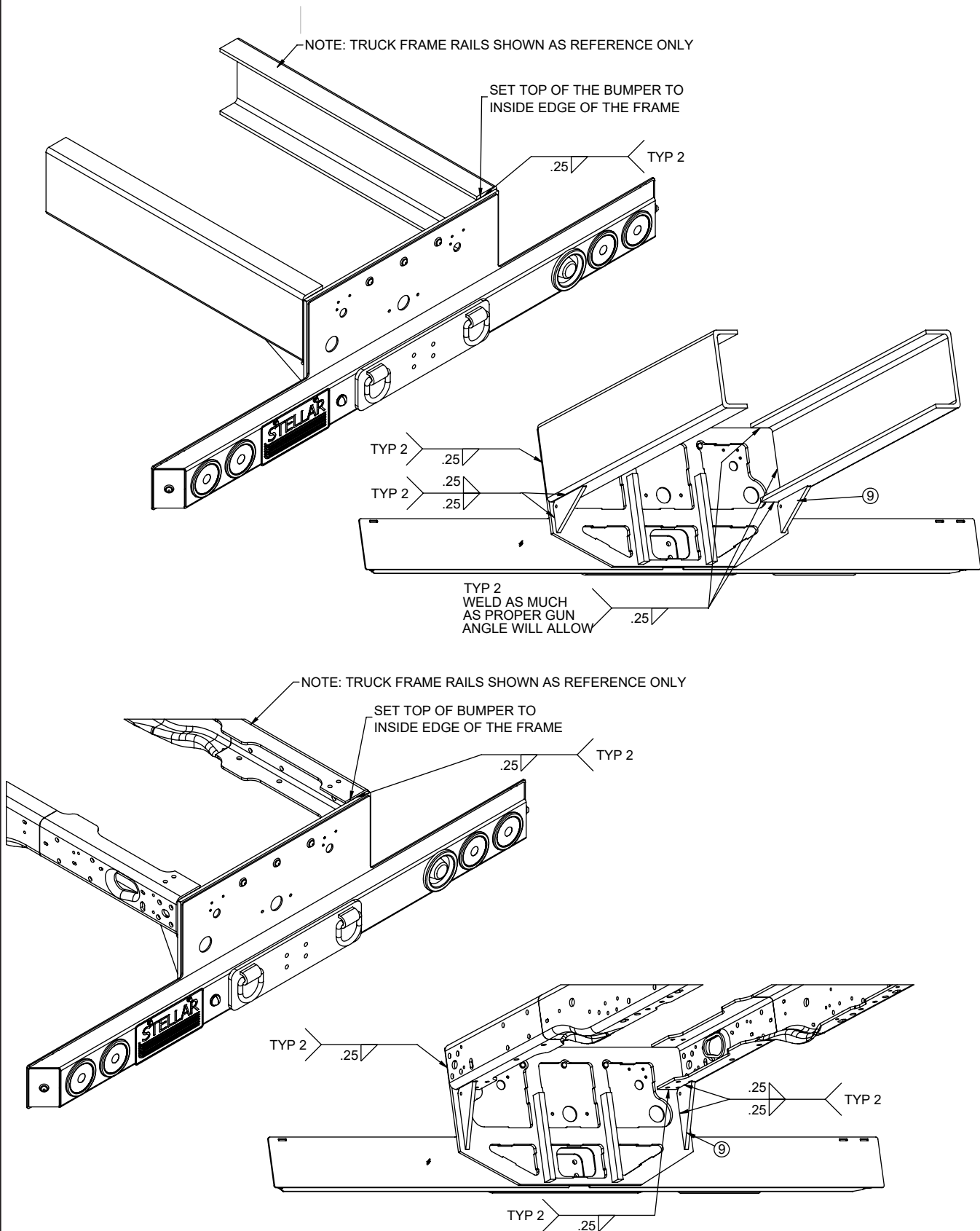
Step 4: Bolt Tie-Down Castings To Truck Frame



FOR F350, F450, F550, & F600 CHASSIS
NOTE: DRILL 11 / 16" HOLE THROUGH
FRAME HERE FOR FRONT MOUNTING
ANGLE.

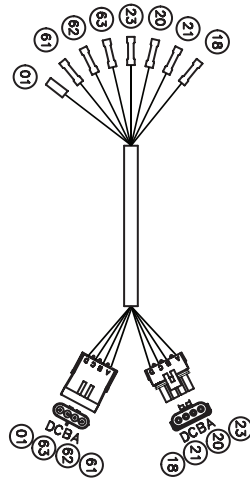


Step 5: Install Bumper

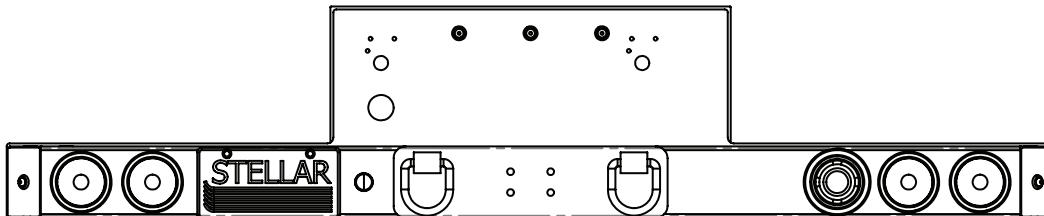
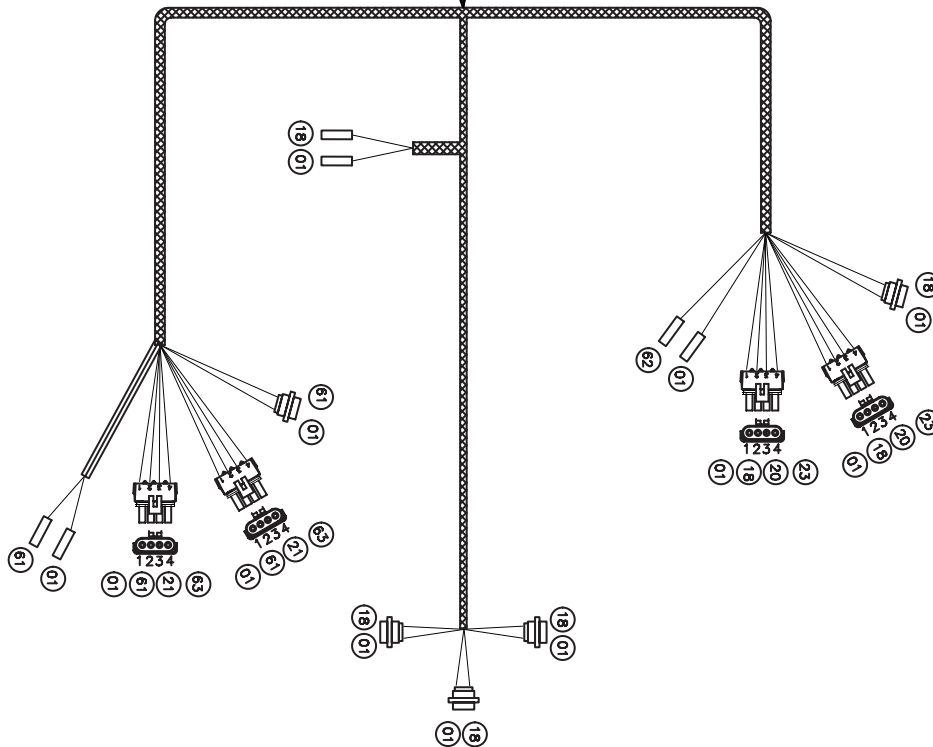
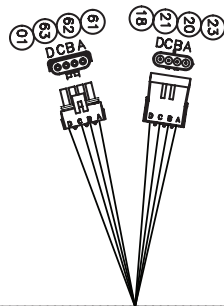


NOTES: See NHTSA (National Highway Truck Safety Administration) Regulations for acceptable placement. This bumper will mount flush with the rear of the hooklift.

Step 5A: Bumper Electrical Schematic

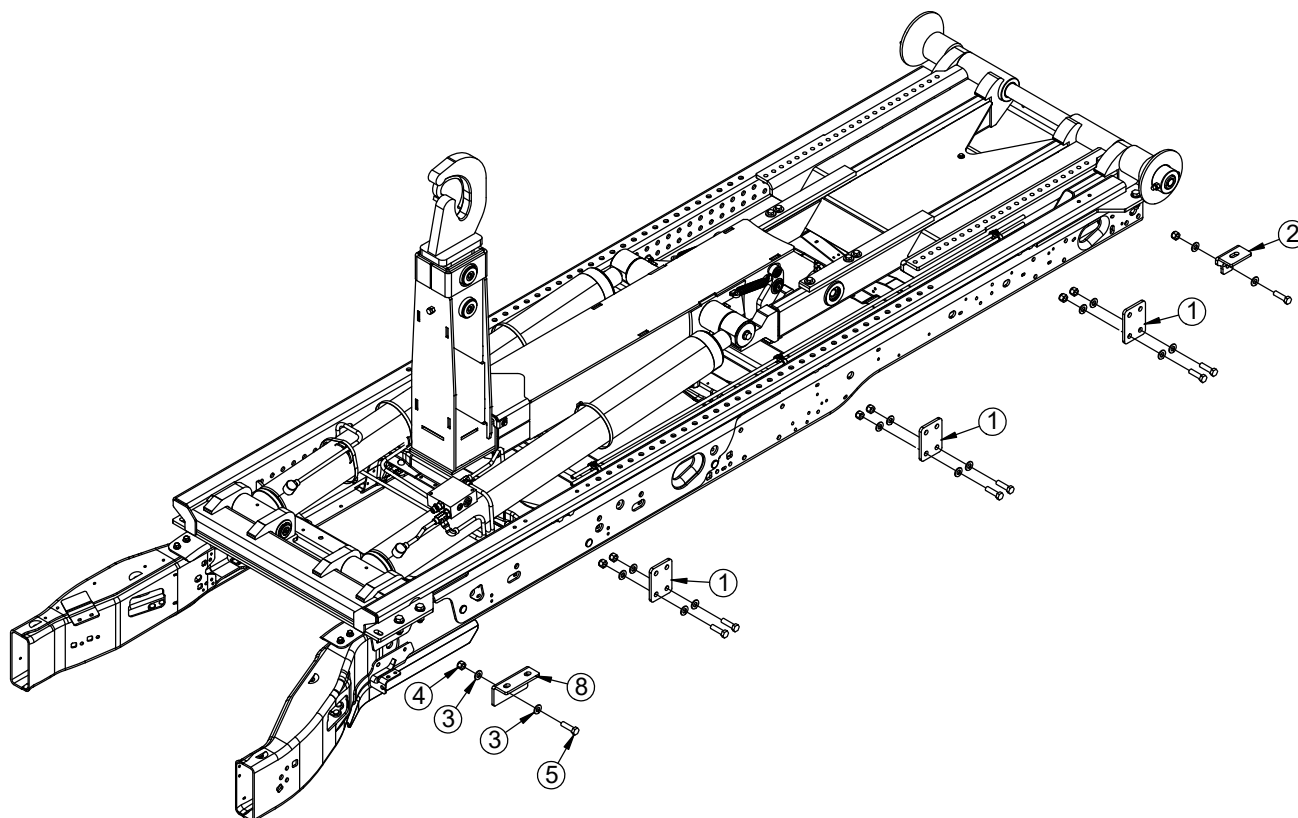


CIRCUIT NO.	CIRCUIT
01	GROUND
15	RH MARKER / TAIL
20	RH TURN SIGNAL
21	LH TURN SIGNAL
23	RH BACKUP LIGHT
61	LH MARKER / TAIL
62	BACKUP ALARM
63	LH BACKUP LIGHT



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Step 6: Install Tie-Downs



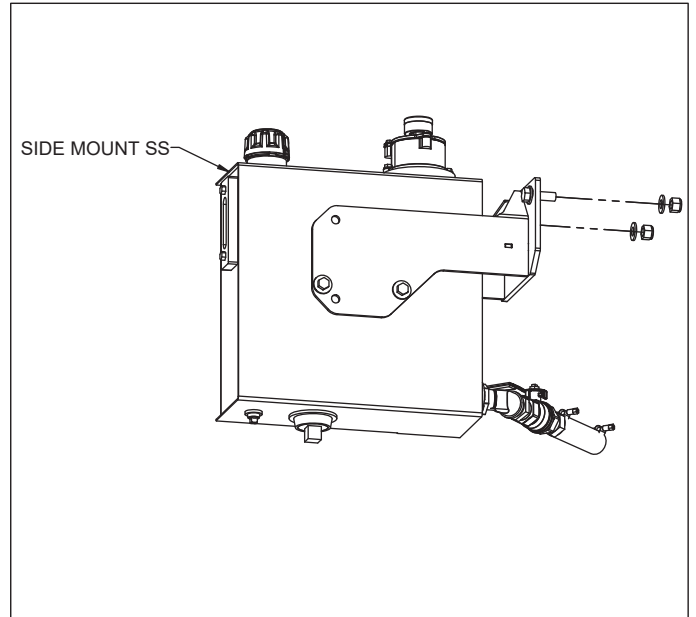
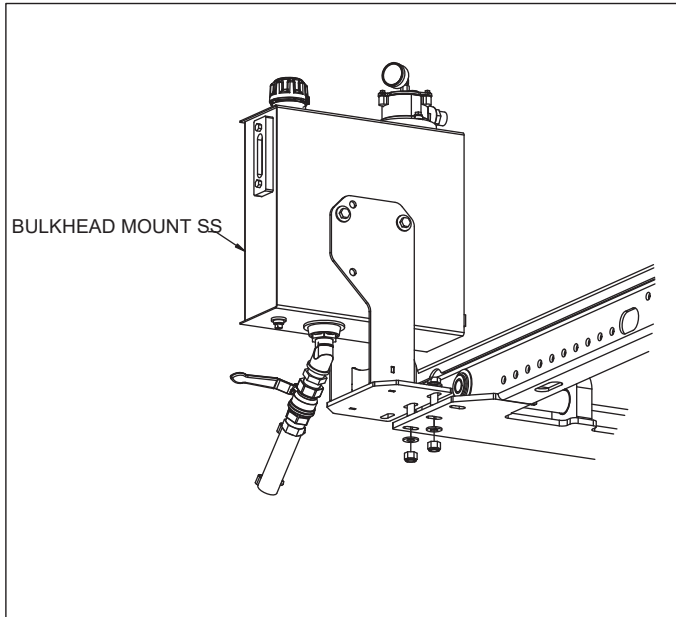
NOTE: BOLT EACH TIE-DOWN ANGLE AND PLATE TO THE TRUCK FRAME (BOTH SIDES).

Installing Tie-Downs - Parts List

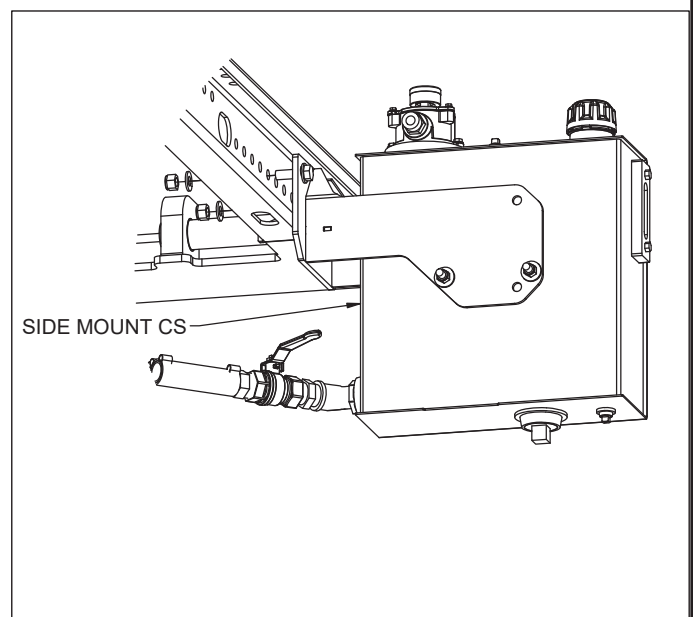
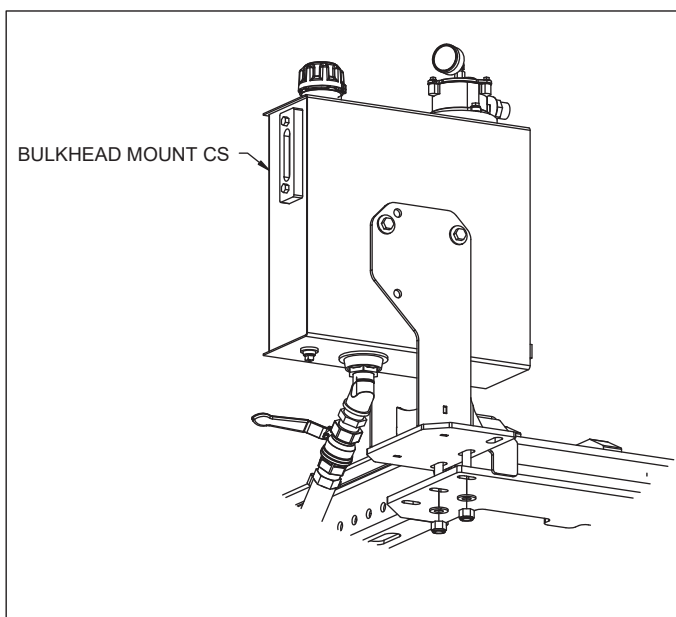
PN 123250			
ITEM	PART	DESCRIPTION	QTY
1	114129	PLATE 0.50X5.50X4.00 HOLES	6
2	122791	ANGLE FORMED NXT18 BASE MNT	2
3	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	68
4	24868	NUT 0.63-11 HHGR8 NYLOC	34
5	84053	CAP SCR 0.63-11X2.25 HHGR8	34
6	123768	PLATE 0.31X2.00X4.00 HOLES	2
7	123769	PLATE 14GAX2.00X4.00 HOLES	4
8	122710	ANGLE FORMED NXT18 BASE MNT FRONT	2

Step 7: Installation - Reservoir Assembly

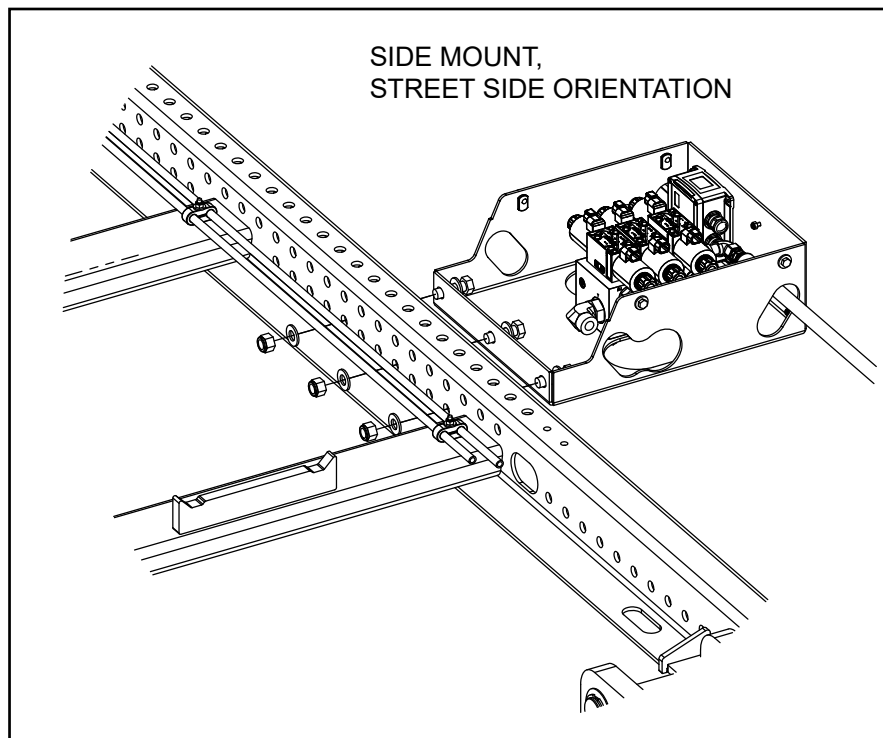
Street Side



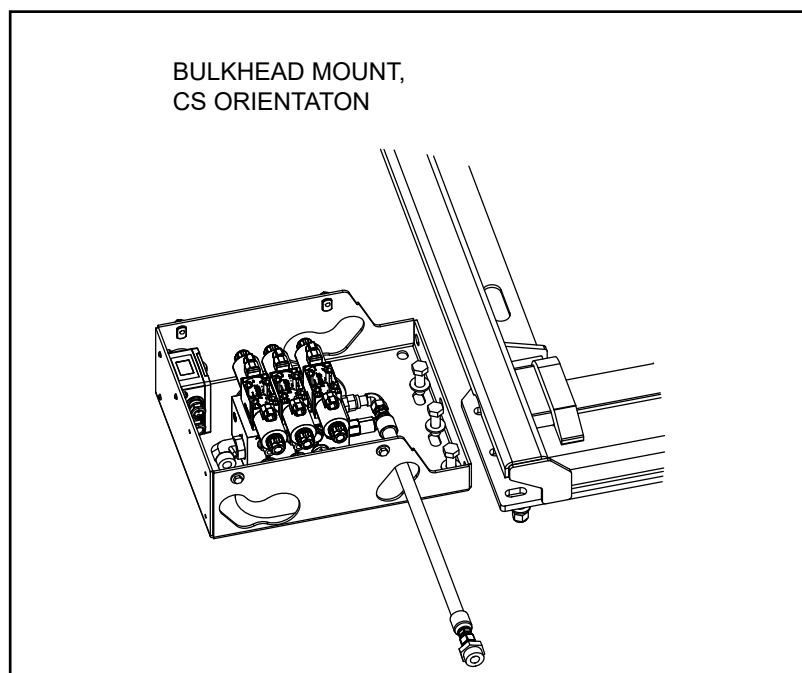
Curb Side



Street Side

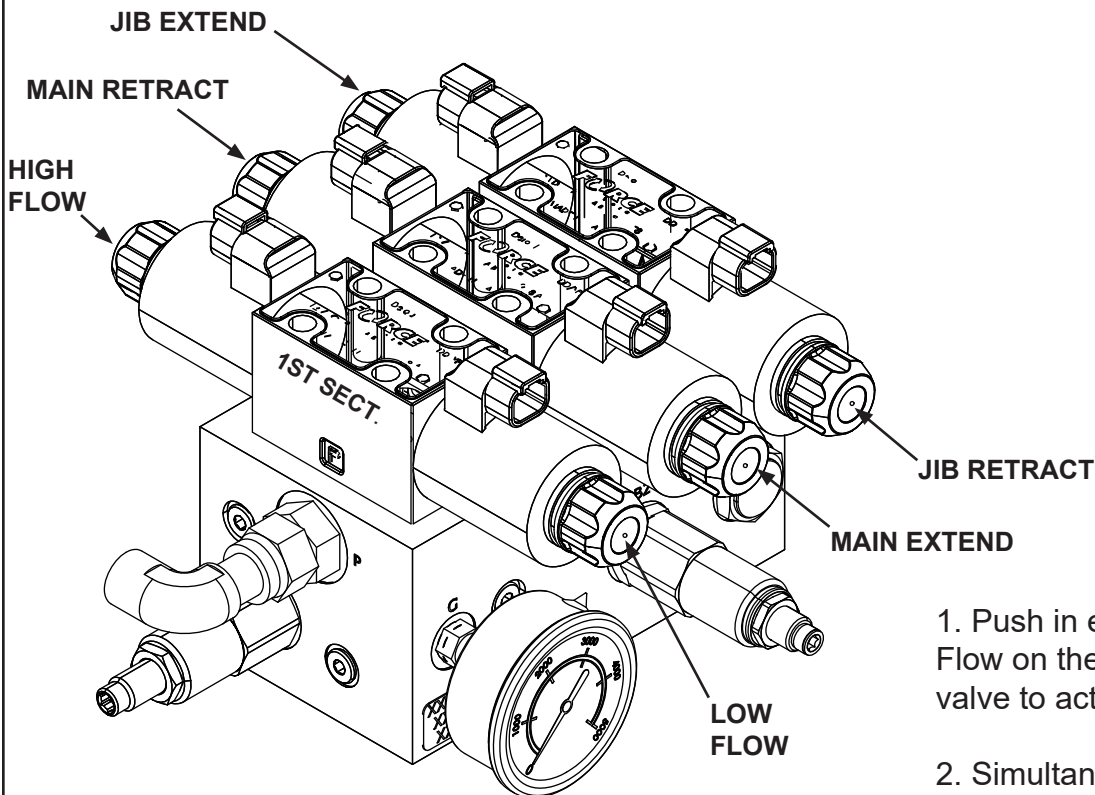


Curb Side



Emergency Operations

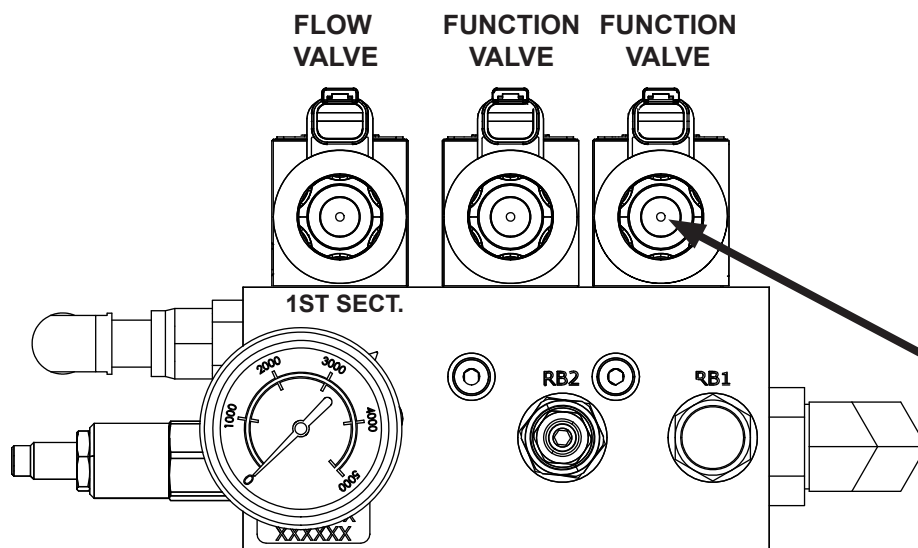
If the radio stops working, or the unit has an electrical issue, the NXT18 can be returned to its stowed position by using the manual controls on the hydraulic valve bank. **Note:** Small screwdrivers (2) or similar tools will be needed to push on the valve overrides. The valve function override button is rather rigid and requires effort to push it into the bottom of the function valve.



1. Push in either the High or Low Flow on the 1st section of the valve to activate.

2. Simultaneously, push in on the required function for direction needed, one at a time, to stow the unit.

3. Release both manual overrides to stop the movement of the unit.



Push in on the valve function override button, here. Do this on each of the (4) function valves, one at a time, while simultaneously pushing and holding the flow valve button.

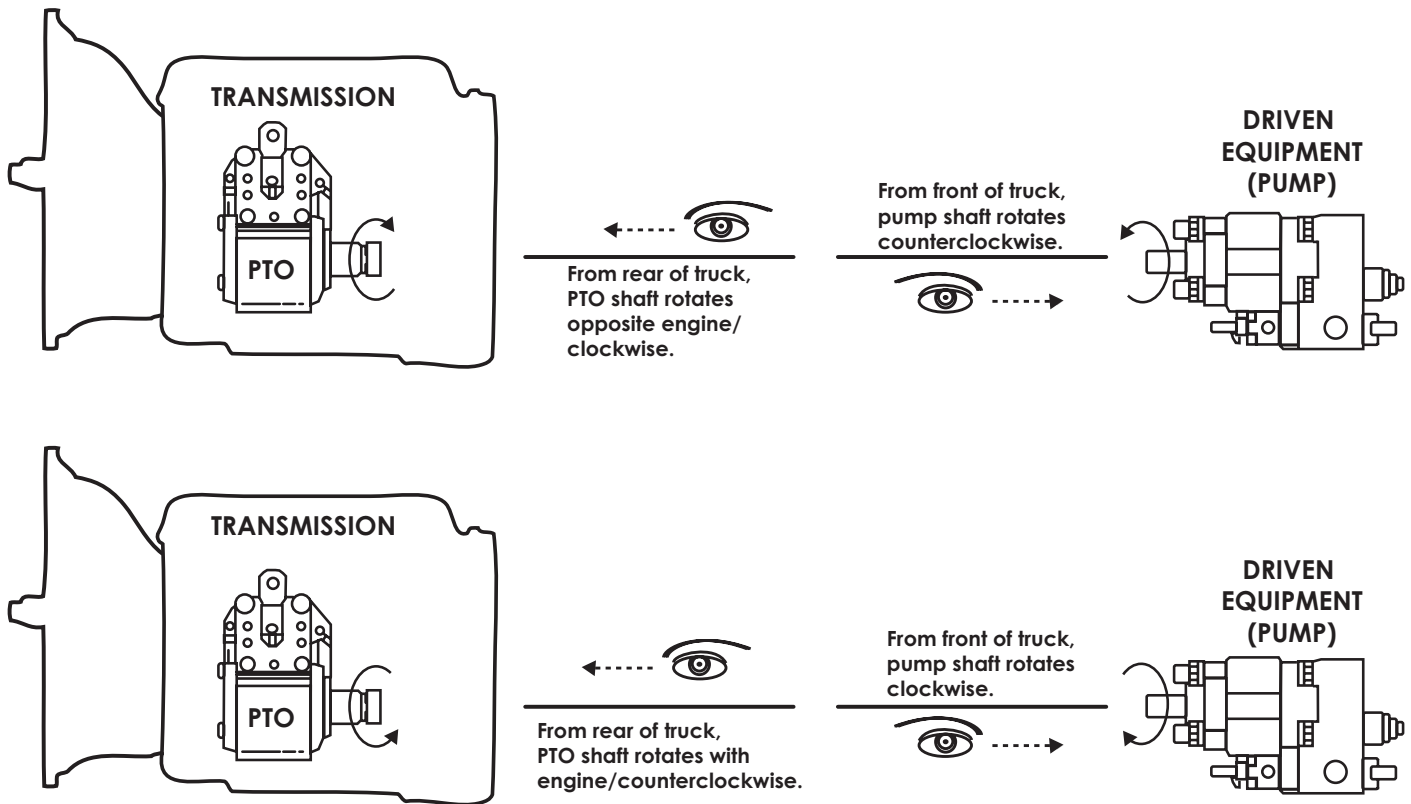
Step 8: Install PTO and Pump

- 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).



NOTICE

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.

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.



www.stellarindustries.com/support

Step 9: Route Hydraulic Hoses

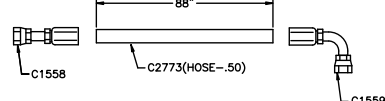
1. Route hose line from the reservoir to the pump (See hose kit drawing for details).
2. Route hose line from the pump to the valve bank (See hose kit drawing for details).
3. Route hose line from the valve bank to the reservoir (See hose kit drawing for details).
4. Route hose line from the valve bank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

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.

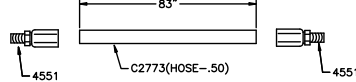
Hose Kit - PN 122633 (Manual Adjustable Hook Height Models)

STELLAR #55354-0.50(4500PSI)-8FFSS SHORT-8FFSS 90 SHORT-88CL ①
QTY - 1



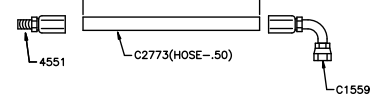
FUNCTION: MAIN CYLINDER TO VALVE BANK RETRACT

STELLAR #122695-0.50(4500PSI)-8MFS-8MFS SHORT-83CL ②
QTY - 2



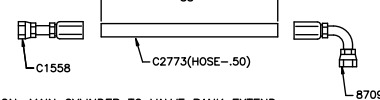
FUNCTION: JIB CYLINDER TO JIB CYLINDER PORT TUBE

STELLAR #91119-0.50(4500PSI)-8MFS-8FFSS 90 SHORT-60CL ③
QTY - 1



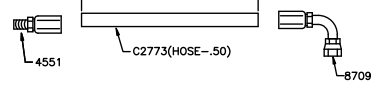
FUNCTION: JIB CYLINDER PORT TUBE TO VALVE BANK EXTEND

STELLAR #55360-0.50(4500PSI)-8FFSS SHORT-8FFSS 90 LONG-88CL ④
QTY - 1

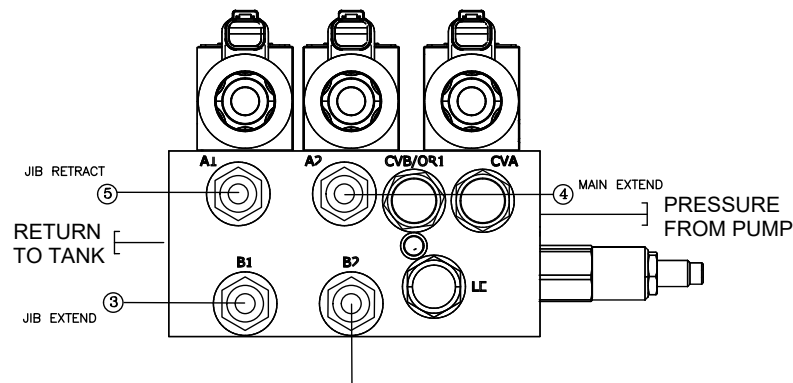
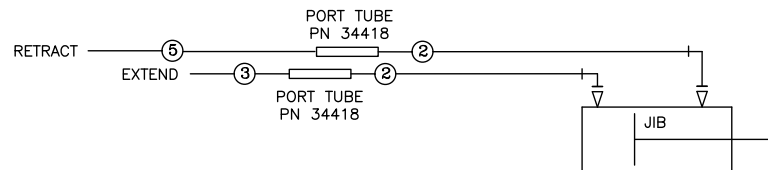
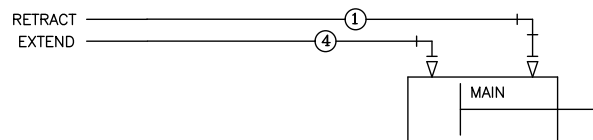


FUNCTION: MAIN CYLINDER TO VALVE BANK EXTEND

STELLAR #91216-0.50(4500PSI)-8MFS-8FFSS 90 LONG-60CL ⑤
QTY - 1



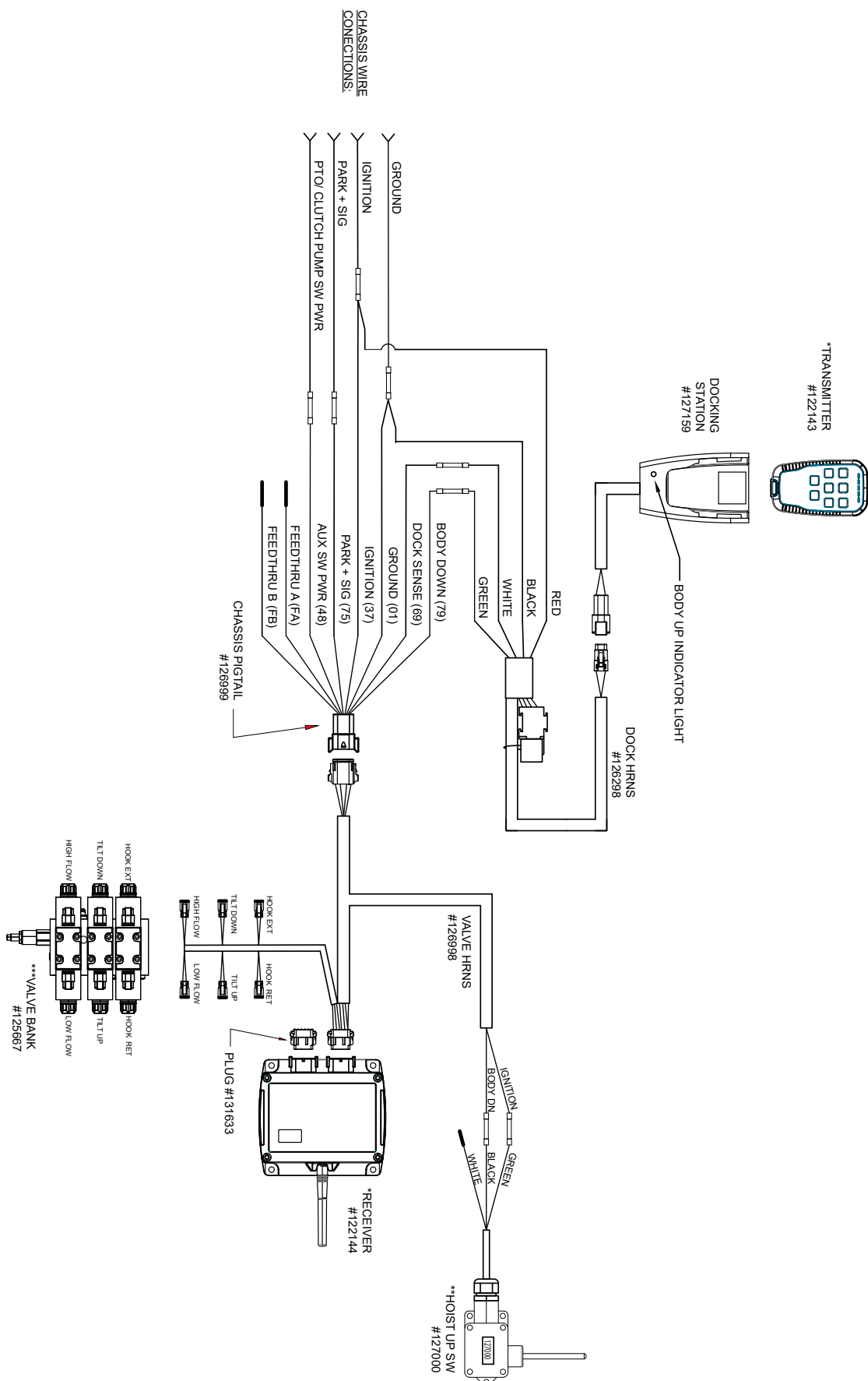
FUNCTION: JIB CYLINDER PORT TUBE TO VALVE BANK RETRACT



PN 122633

ITEM	PART	DESCRIPTION	QTY
1	55354	HOSE 0.50 (4500 PSI) - 8FFSS SHORT-8FFSS 90 SHORT-88CL	1
2	122695	HOSE 0.50 (4500 PSI) - 8MFS - 8MFS - 83CL	2
3	91119	HOSE 0.50 (4500 PSI) - 8MFS SHORT - 8FFSS 90 SHORT - 60CL	1
4	55360	HOSE 0.50 (4500 PSI) - 8FFSS SHORT - 8FFSS 90 LONG - 88CL	1
5	91216	HOSE 0.50 (4500 PSI) - 8MFS - 8FFSS - 90 LONG - 60 CL	1

NXT18 Controller Assembly PN - 127158



NXT18 Controller Assembly PN - 127158 Parts List

PART NO: 127158

PART	DESCRIPTION	QTY
126998	WIRE HRNS VALVE BANK NXT	1
126999	WIRE HRNS CHASSIS EXT NXT	1
126298	WIRE HRNS REMOTE DOCK NXT18	1
127159	CONTROLLER ASM DOCK NXT18	1
131633	CONNECT ASM 12P DTM PLUG BLK W/ WEDGE	1

ITEMS NOT SHOWN

PART	DESCRIPTION	QTY
126294	RADIO CTRL ASM 8 FCTN POCKET G5M19 NXT	1
127153	KIT RAISED HOIST INDICATOR LIGHT NXT18	1
124855	VB ASM 2S D03 (8-8 NXT18)	1

PIN	CIRCUIT NO.	CIRCUIT	FUNCTION
1	79	BODY DN	BODY DN + INPUT SIG
2	69	DOCK SENSE	DOCK SENSE+ INPUT SIG
3	01	GROUND	SYSTEM GND
4	74	PARK + SIG	PARK BRK + INPUT SIG
5	-	--	--
6	48	AUX SW PWR	SYSTEM +12V
7	70	TILT UP	TILT UP + OUTPUT
8	71	TILT DOWN	TILT DN + OUTPUT
9	72	HOOK EXT	HOOK EXT + OUTPUT
10	73	HOOK RET	HOOK RET + OUTPUT
11	32	HIGH FLOW	HI FLOW VLV + OUTPUT
12	31	LOW FLOW	LO FLOW VLV + OUTPUT

NOTES:

*THE RADIO HAS TO SEE EITHER A (+) PARK BRAKE INPUT SIGNAL OR A (+) DOCKING STATION SENSE SIGNAL BEFORE ALLOWING ANY HYDRAULIC VALVES TO OPERATE.

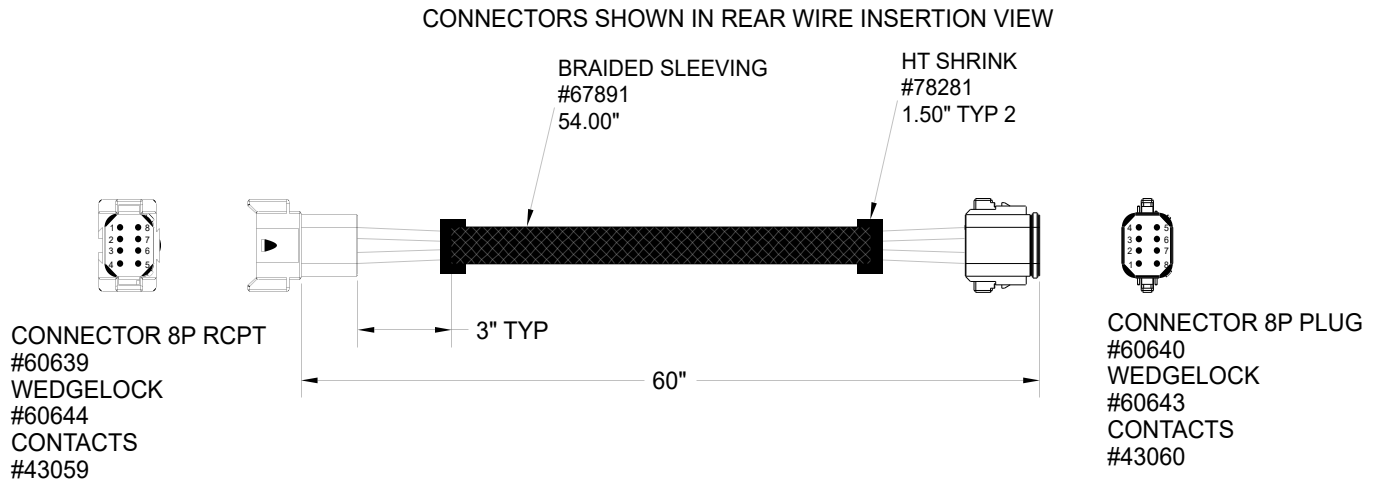
*THE RADIO HAS TO SEE A BODY DOWN + INPUT SIGNAL BEFORE ALLOWING THE HOOK EXTEND AND RETRACT VALVES TO OPERATE.

*TRANSMITTER AND RECEIVER ARE PART OF RADIO CONTROL SYSTEM #126294.

**HOIST UP SWITCH IS PART OF KIT #127153.

***VALVE BANK IS PART OF VB ASSEMBLY #124855.

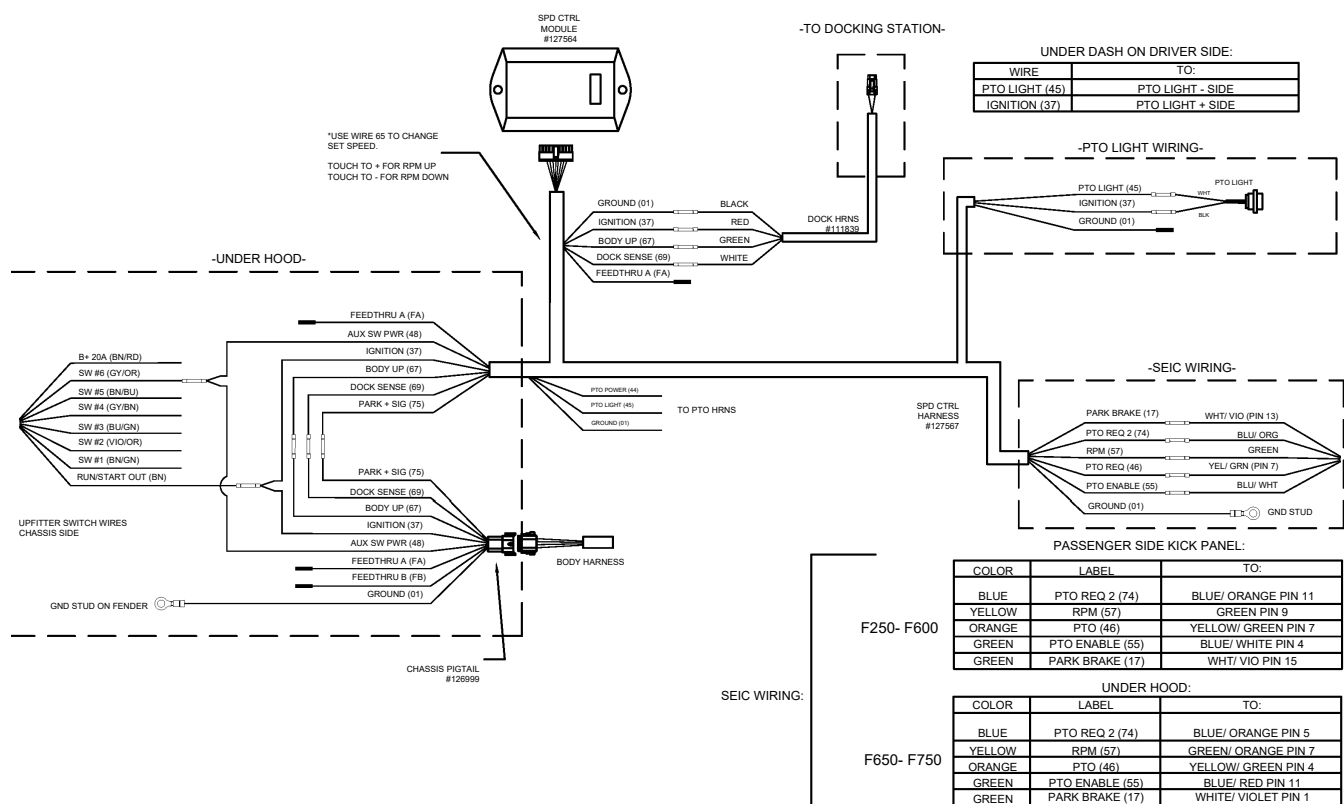
Ext Hrns for Crew Cab & Cab Over Chassis PN - 39386



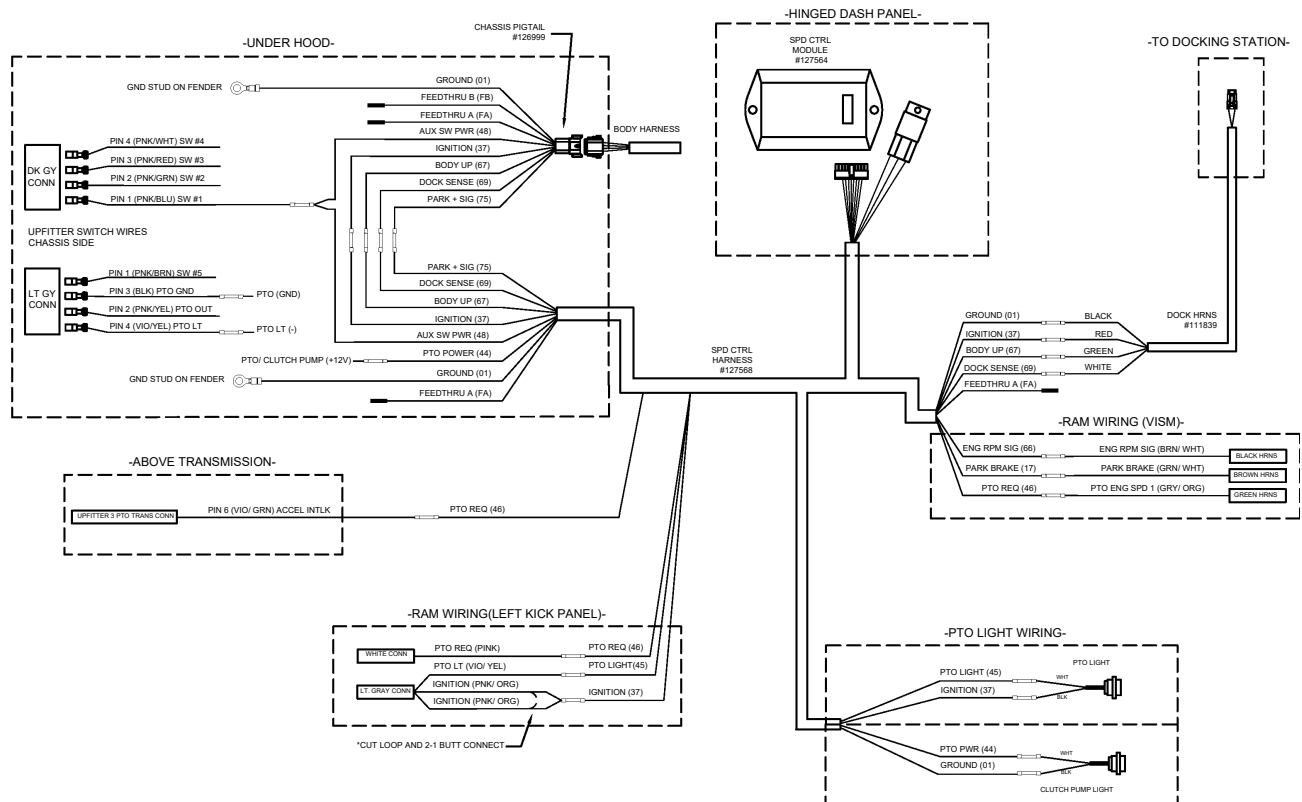
NOTES:

1. LABEL WIRES ON EACH END WITH CONNECTOR PIN POSITION NUMBER.
2. ADD PART NUMBER FLAG LABEL TO ONE OF THE WIRES ON THE RECEPTABLE END.

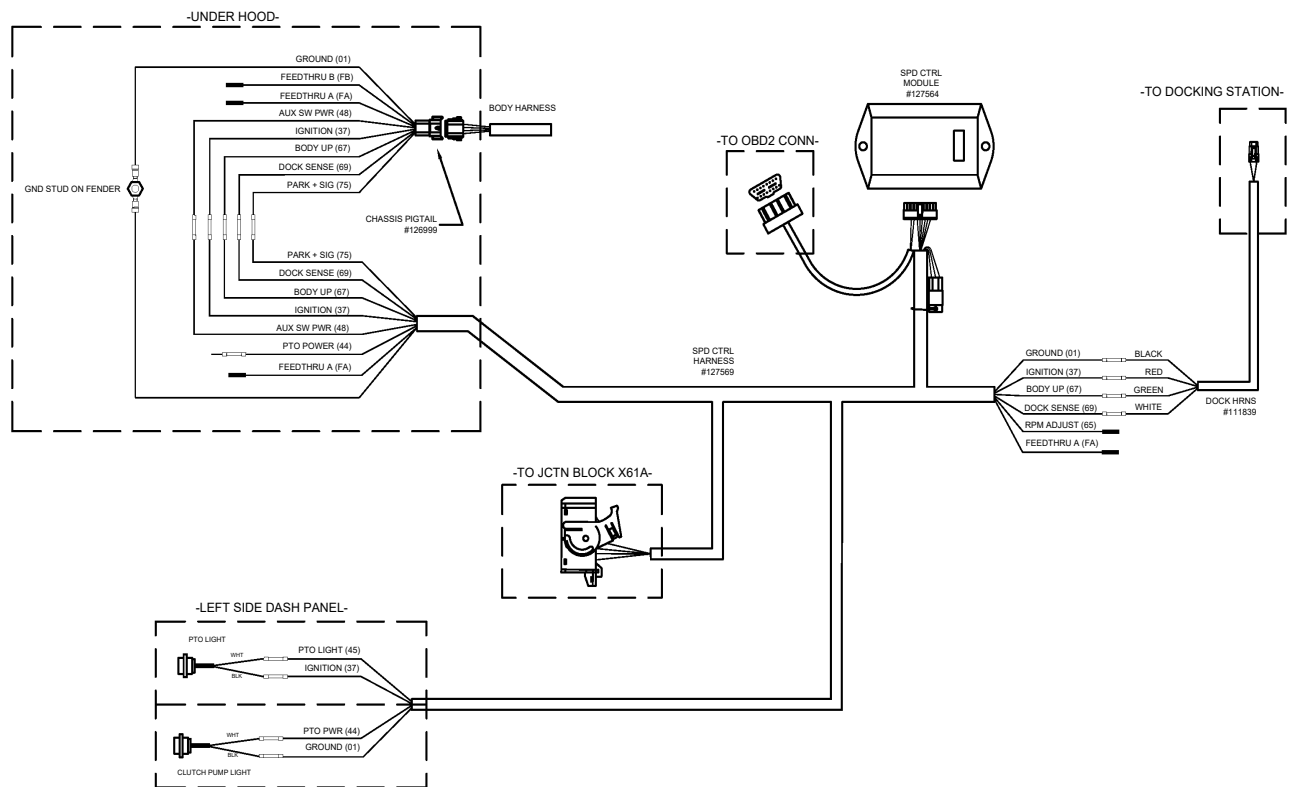
Speed Control Kit - Ford - PN 127561



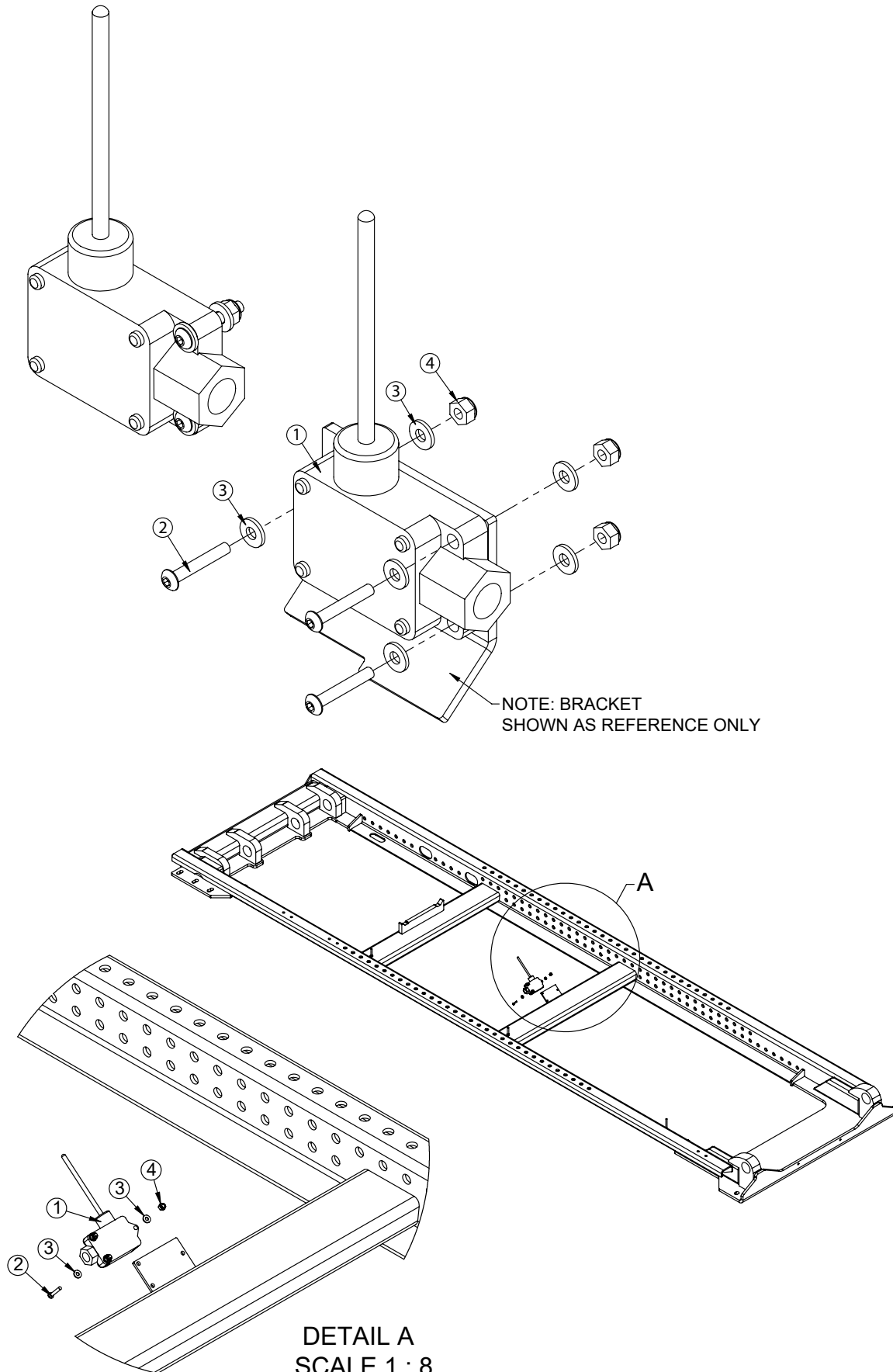
Speed Control Kit - RAM - PN 127562



Speed Control Kit - GM - PN 127563



Step 10: Install Hoist Up Light Sensor - PN 127153



Hoist Up Light Sensor - PN 127153 Parts

PN 127153

ITEM	PART	DESCRIPTION	QTY
1	127000	SWITCH ASM HOIST UP NXT	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

NOTES:

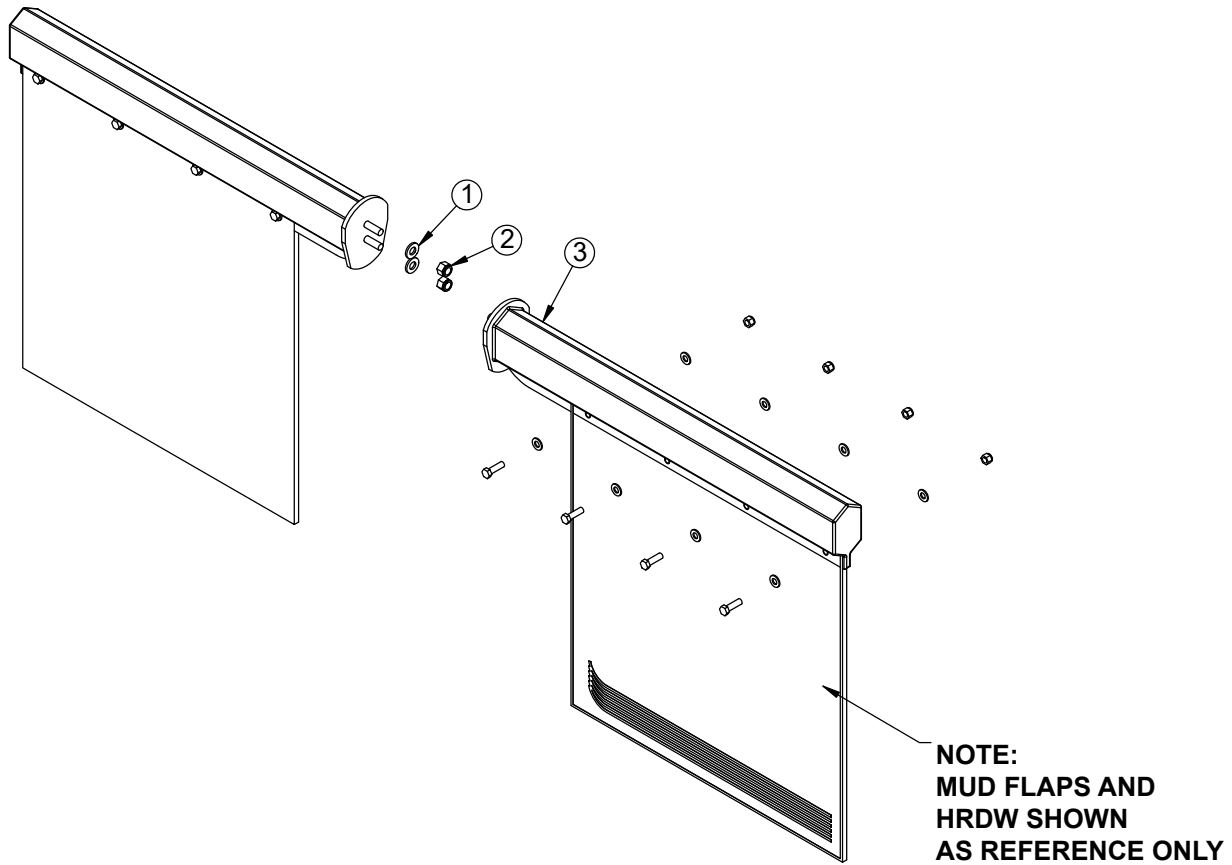
SEE CONTROLLER ASM FOR WIRING.

FOR REFERENCE:

- GREEN TO IGNITION
- BLACK TO BODY DN
- WHITE TO BODY UP

Step 11: Install Mud Flaps And Fenders

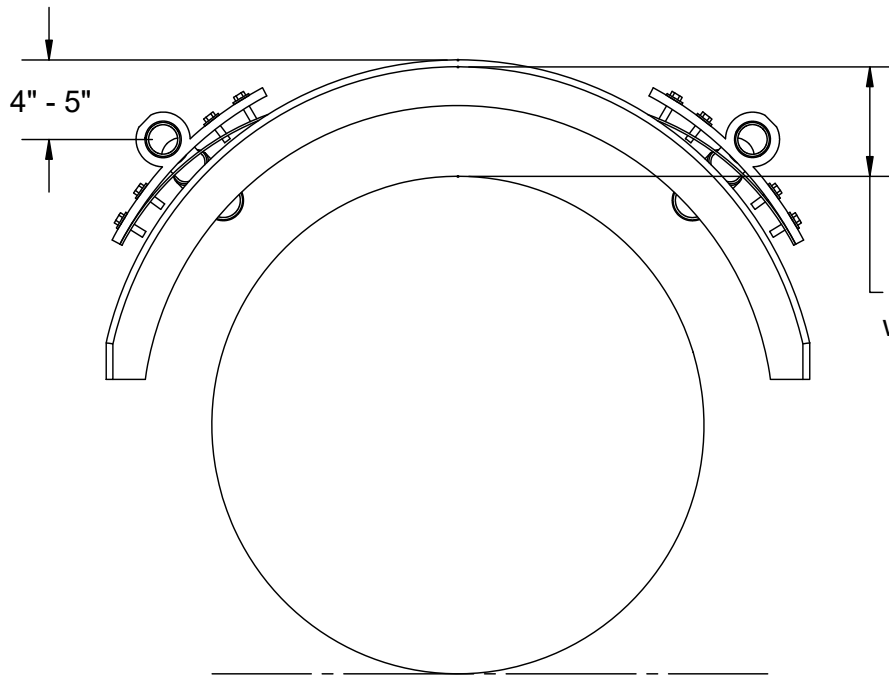
Qty: 2



PN 96895			
ITEM	PART	DESCRIPTION	QTY
1	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	4
2	5468	NUT 0.50-13 HHGR8 NYLOC	4
3	96574	MUD FLAP MNT KIT W/SPRING (INCLUDES 2 MNTS)	1

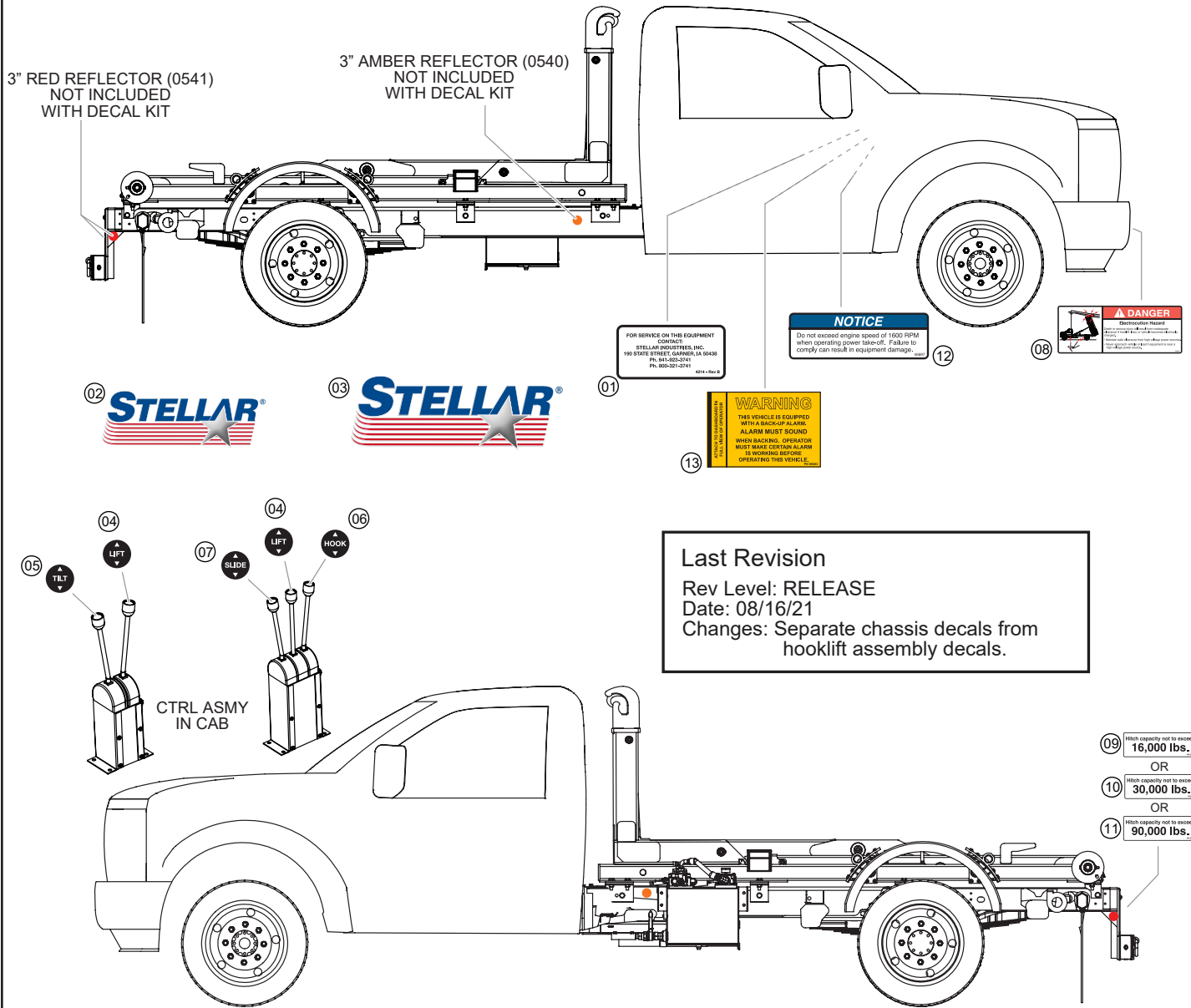
NOTES:
MOUNT MUD FLAPS AT LEAST 6" BEHIND EXHAUST.
DO NOT USE SUPPLIED HARDWARE WITH BRACKETS.

Fender Dimensions



For F550/F600's -
Mount fenders 6" - 6.50"
above the top of tire. This
will leave adequate clearance if
the suspension bottoms out.

Step 12: Apply Chassis Decals - PN 125669



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 13: Fill Reservoir And Activate Hydraulic Flow

- Fill reservoir to site gauge, within 3" from the top (Roughly 8 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 14: Operate Hooklift

WARNING

Stellar® Hooklift operators must conform to the qualifications specified in the NXT18 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 4200 PSI.



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