

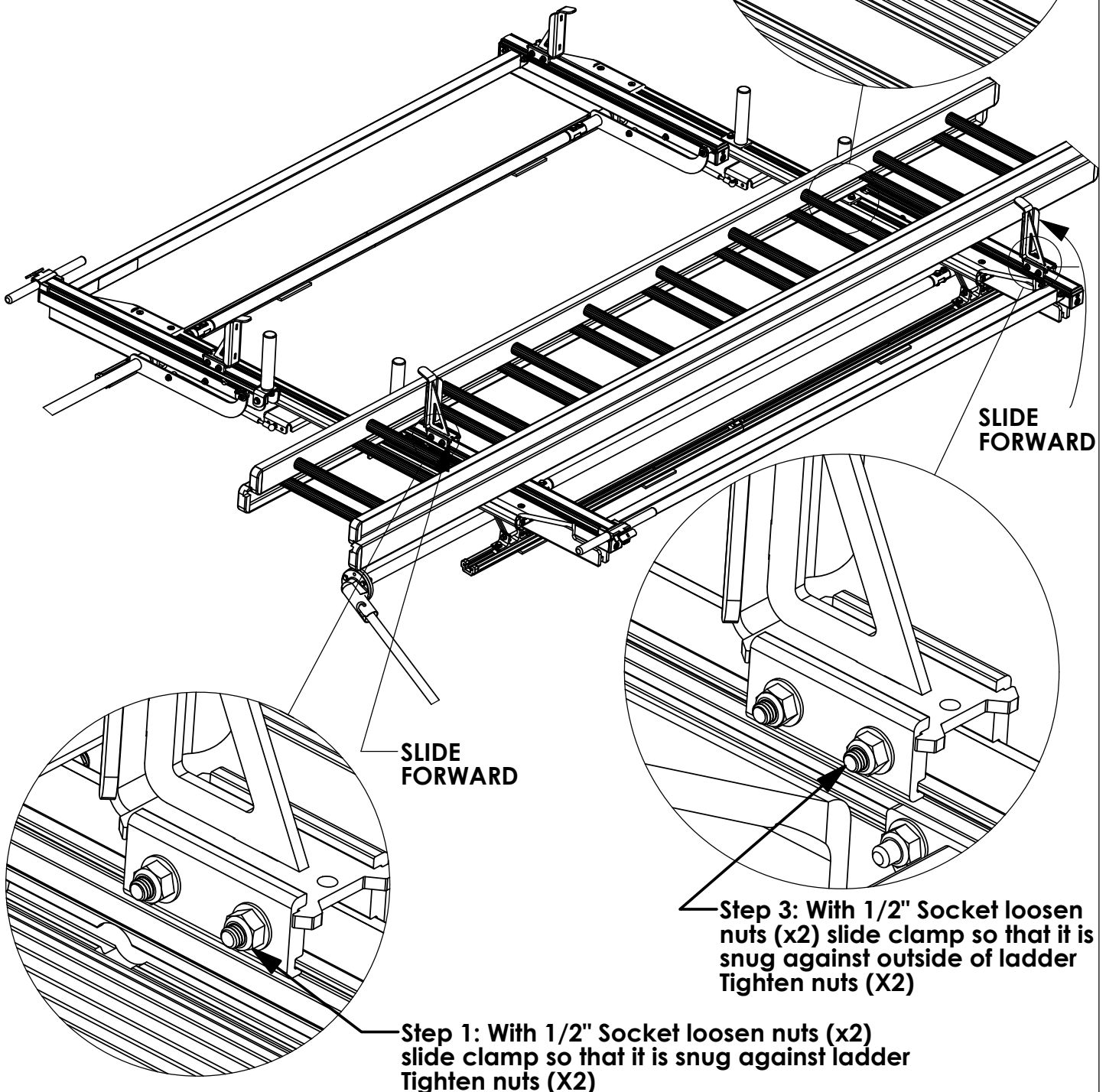
INSTR. : **69483**

PG: **1** REV: **A**

PART • **Max Drop ProLift -**  
NUMBER • **Low & Mid-Roof**

PART • ProLift Low & Mid-Roof  
DESC. • Adjustment Instructions

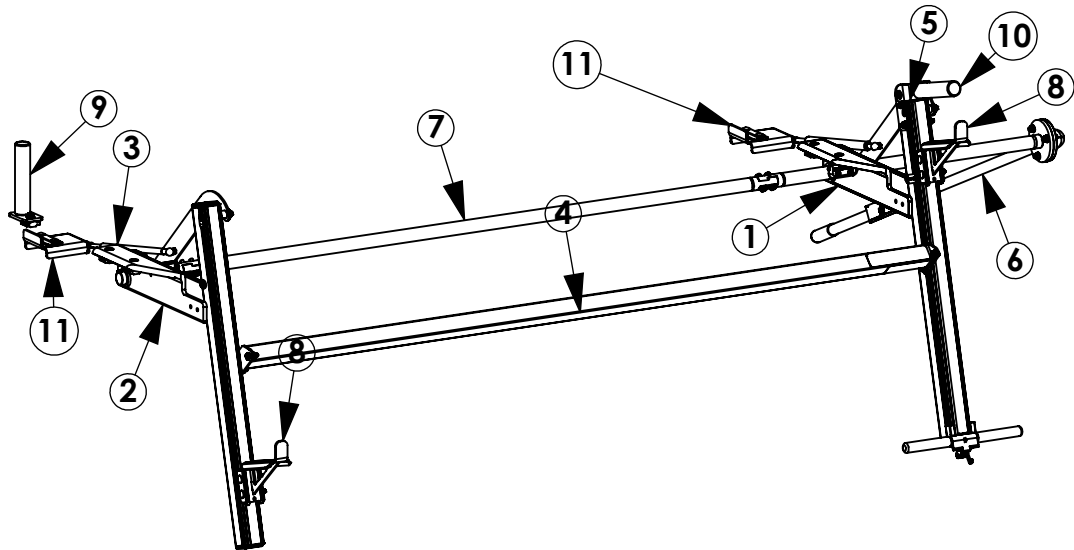
Step 2: With 1/2" Socket loosen nut, slide post so that it is snug against ladder  
Tighten nut



Once all brackets are adjusted operate rack to make sure clamps are not too tight

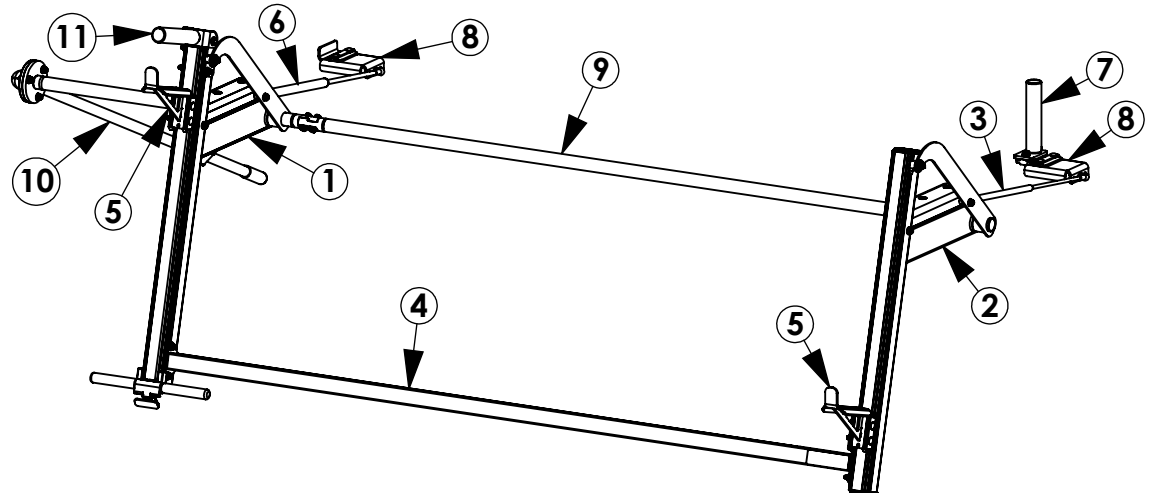
|                                                            |  |       |        |          |             |                                      |      |
|------------------------------------------------------------|--|-------|--------|----------|-------------|--------------------------------------|------|
| INSTR. : 68499<br>NUMBER                                   |  | PG: 1 | REV: B | ITEM NO. | PART NUMBER | DESCRIPTION                          | QTY. |
|                                                            |  |       |        | 1        | 68190-W     | MAX DROP ARM ASM,MR,DS, WHITE        | 1    |
|                                                            |  |       |        | 2        | 68013-W     | DROP DOWN FRONT ARM ASM DS, WHITE    | 1    |
| PART : PLMDPSM & PLMDDSM<br>NUMBER                         |  |       |        | 3        | 48265       | DAMPER ASSEMBLY                      | 1    |
|                                                            |  |       |        | 4        | 66959-W     | DROP DOWN OUTER BAR, WELDMENT, WHITE | 1    |
|                                                            |  |       |        | 5        | 58239       | COMPRESSION DAMPER                   | 1    |
| PART • PROLIFT,MAX,PS,MR<br>DESC. • &<br>PROLIFT,MAX,DS,MR |  |       |        | 6        | 51989       | HANDLE ASM, NO PAINT                 | 1    |
|                                                            |  |       |        | 7        | 66563-B     | DROP DOWN, SS CENTER DRIVELINE, BLK  | 1    |
|                                                            |  |       |        | 8        | 68037-B     | CLAMP PAD, 6.5", BLACK               | 2    |
|                                                            |  |       |        | 9        | 68186-W     | PROLIFT INNER POST, WHITE            | 1    |
|                                                            |  |       |        | 10       | 68196-W     | PROLIFT MAX DROP STOP, WHITE         | 1    |
|                                                            |  |       |        | 11       | 68045-W     | PROLIFT DAMPER MOUNT, WHITE          | 2    |

**PLMDDSMW**



| ITEM NO. | PART NUMBER | DESCRIPTION                          | QTY. |
|----------|-------------|--------------------------------------|------|
| 1        | 68189       | MAX DROP CARTRIDGE, LR PS            | 1    |
| 2        | 68031-W     | DROP DOWN FRONT ARM ASSM PS, WHITE   | 1    |
| 3        | 48265       | DAMPER ASSEMBLY                      | 1    |
| 4        | 66959-W     | DROP DOWN OUTER BAR, WELDMENT, WHITE | 1    |
| 5        | 68037-B     | CLAMP PAD, 6.5", BLACK               | 2    |
| 6        | 58239       | COMPRESSION DAMPER                   | 1    |
| 7        | 68186-W     | PROLIFT INNER POST, WHITE            | 1    |
| 8        | 68045-W     | PROLIFT DAMPER MOUNT, WHITE          | 2    |
| 9        | 66572-B     | DROP DOWN, CS CENTER DRIVELINE, BLK  | 1    |
| 10       | 51989       | HANDLE ASM, NO PAINT                 | 1    |
| 11       | 68196-W     | PROLIFT MAX DROP STOP, WHITE         | 1    |

**PLMDPSMW**



**GET TO KNOW THE VEHICLE** - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

**SEAL ALL EXTERIOR HOLES** - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

**CONTROL DRILL DEPTH** - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

**ALWAYS ADD PRIMER** - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

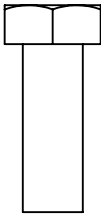
**MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT** - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

**PROVIDE CLEARANCE FOR SPACERS** - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

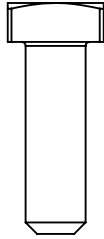
**CHECK SPACER ORIENTATION** - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

**PLUSNUT INSTALLATION** - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

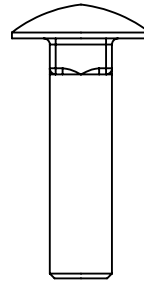
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS AND HARDWARE USED**

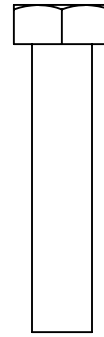
FAS0283  
SCREW,HH  
5/16-18X.875  
QTY: 3



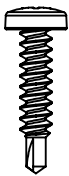
FAS0035  
BOLT,SQ HD  
5/16-18X1.0  
QTY: 4



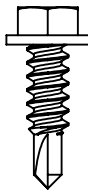
FAS0812  
BOLT,CRG  
5/16-18X1.25  
QTY: 4



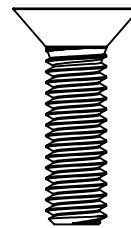
FAS0242  
SCREW,HH  
5/16-18X1.5  
QTY: 4



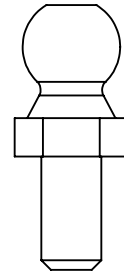
FAS0782  
SCREW,THP TEK  
#8X.75  
QTY: 3



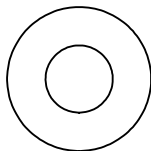
FAS0473  
SCREW,HH TEK  
#12X.75  
QTY: 4



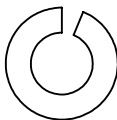
FAS0856  
SCREW,FHH  
5/16-18X1.13  
QTY: 4



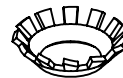
34927-0  
BALL STUD  
13MM X 5/16-18  
QTY: 2



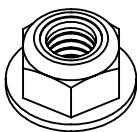
FAS0552  
WASHER,FLAT  
USS 5/16  
QTY: 7



FAS0588  
WASHER,LCK  
SPLIT 5/16  
QTY: 1



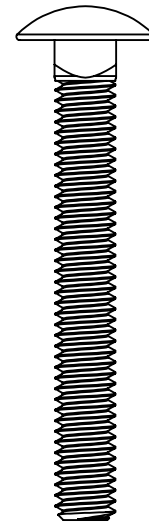
FAS0857  
WASHER,LCK EXT  
CS 5/16  
QTY: 04



FAS0861  
NUT,HEX NLK  
FLG 5/16-18  
QTY: 20

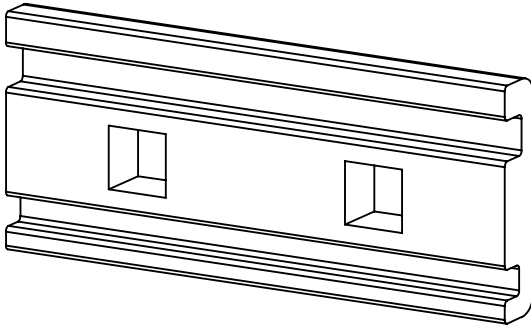


34928-0  
CLIP,SPRING,  
RETAINER,13MM  
QTY: 4

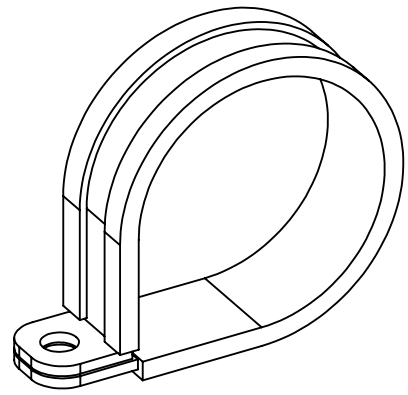


FAS0838  
BOLT,CRG  
5/16-18X2.5  
QTY: 04

# **FASTENERS AND HARDWARE USED**



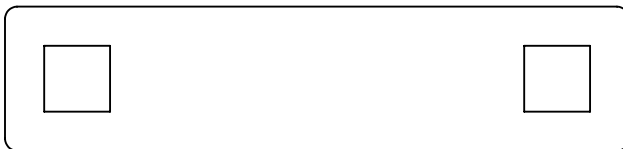
65963  
REAR ROLLER, SPACER  
QTY: 4



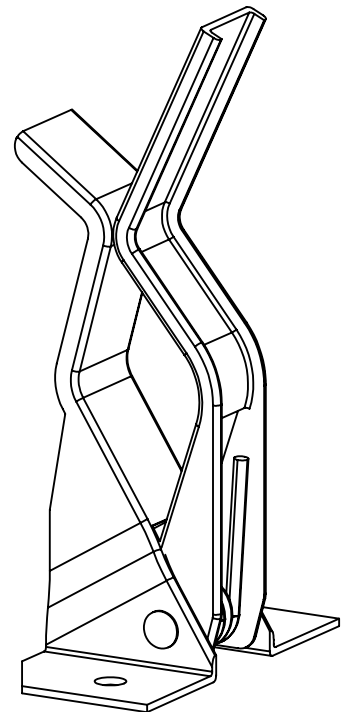
34921-0  
CLAMP, CABLE 1-1/2"  
QTY: 1



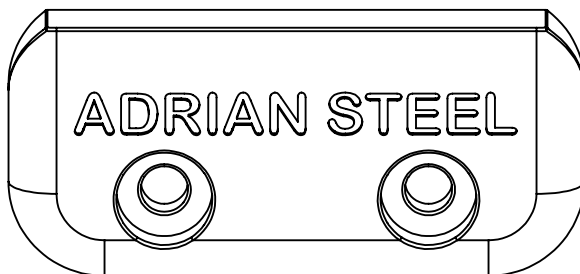
64831  
REAR ROLLER, SPACER  
QTY: 02



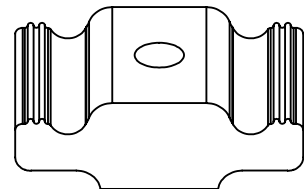
64830  
REAR ROLLER, BOLT PLATE  
QTY: 2



34922-0  
HOLDER, TOOL  
QTY: 1



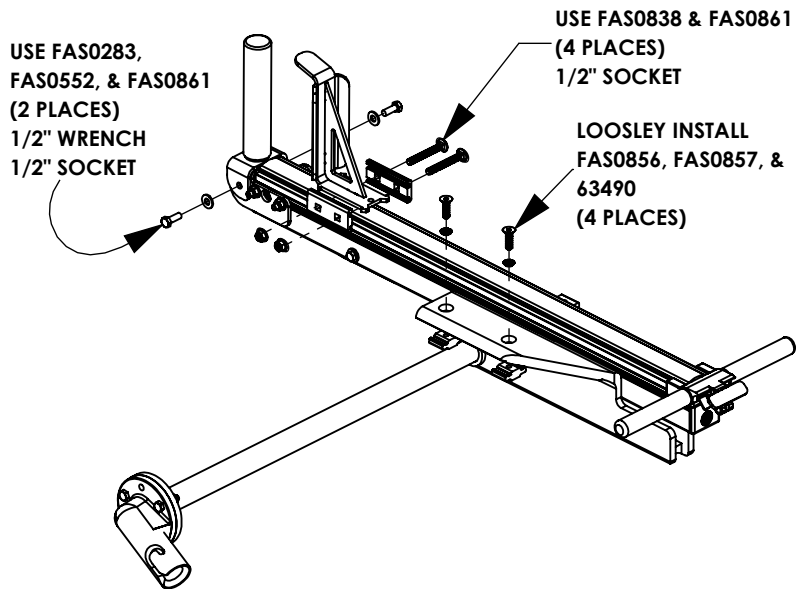
65961  
DROP DOWN END CAP  
QTY: 2



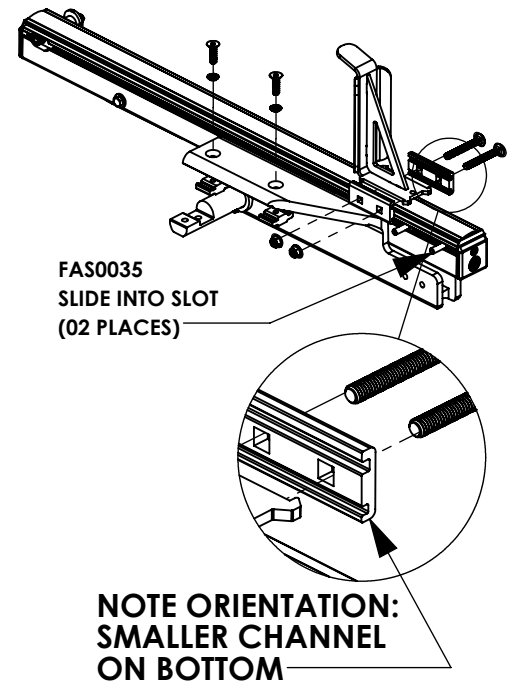
63490  
RAIL SLIDE, 1"  
QTY: 5

## PASSENGER SIDE CARTRIDGES

### REAR SUB-ASSEMBLY



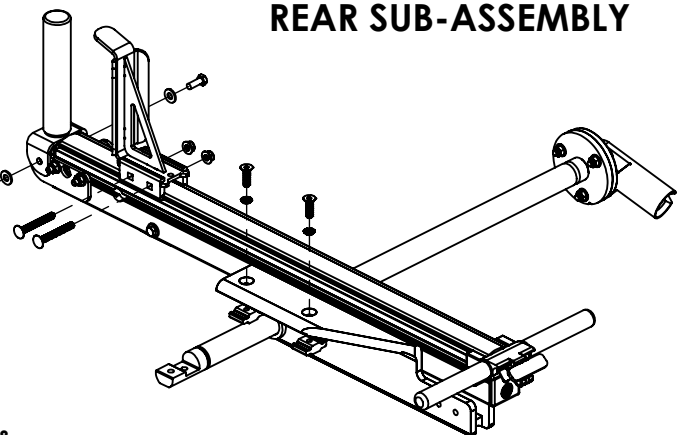
### FRONT SUB-ASSEMBLY



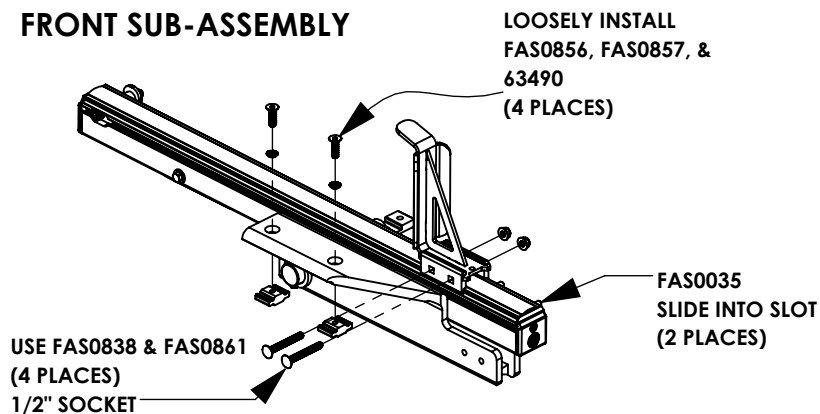
## DRIVER SIDE CARTRIDGES

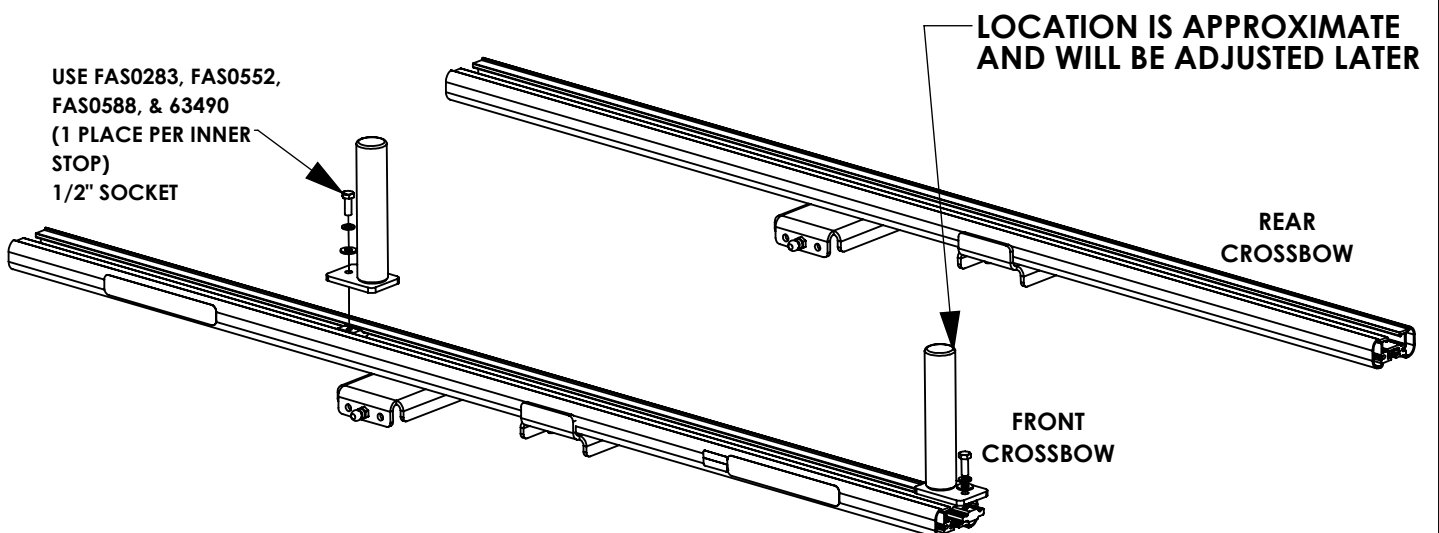
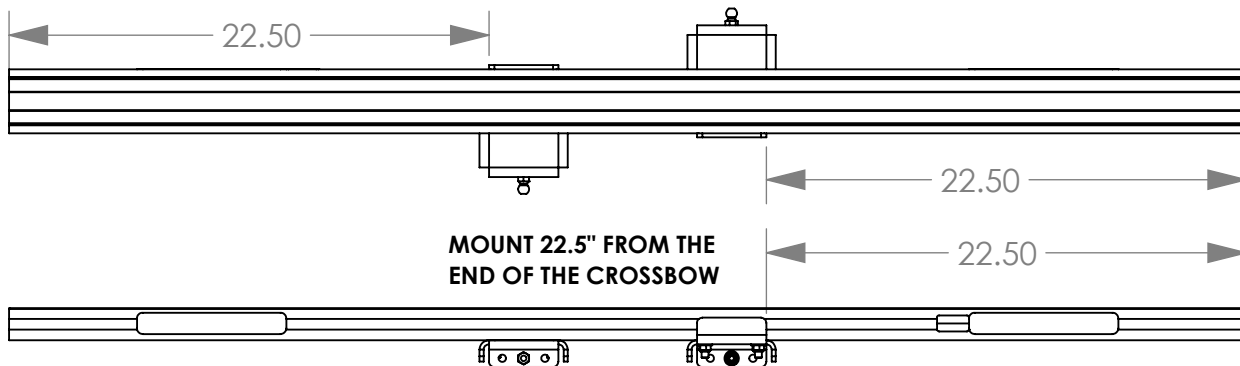
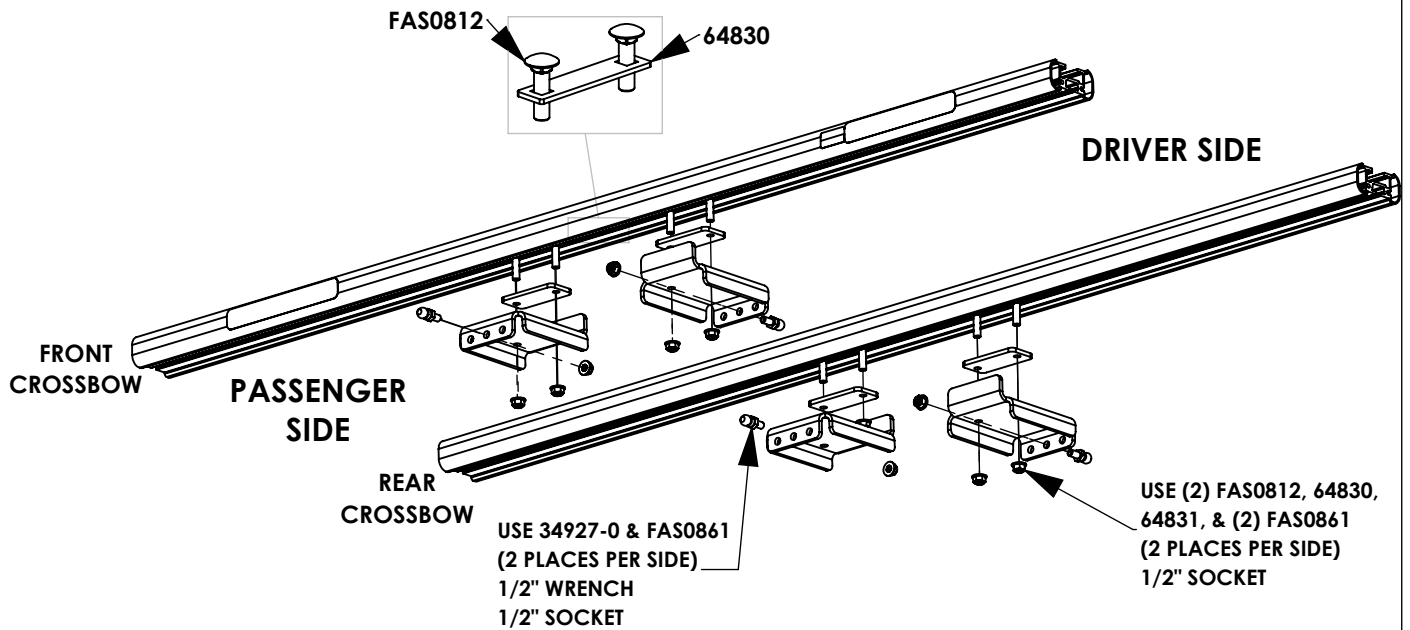
### REAR SUB-ASSEMBLY

USE FAS0283, FAS0552, & FAS0861 (2 PLACES)  
1/2" WRENCH  
1/2" SOCKET

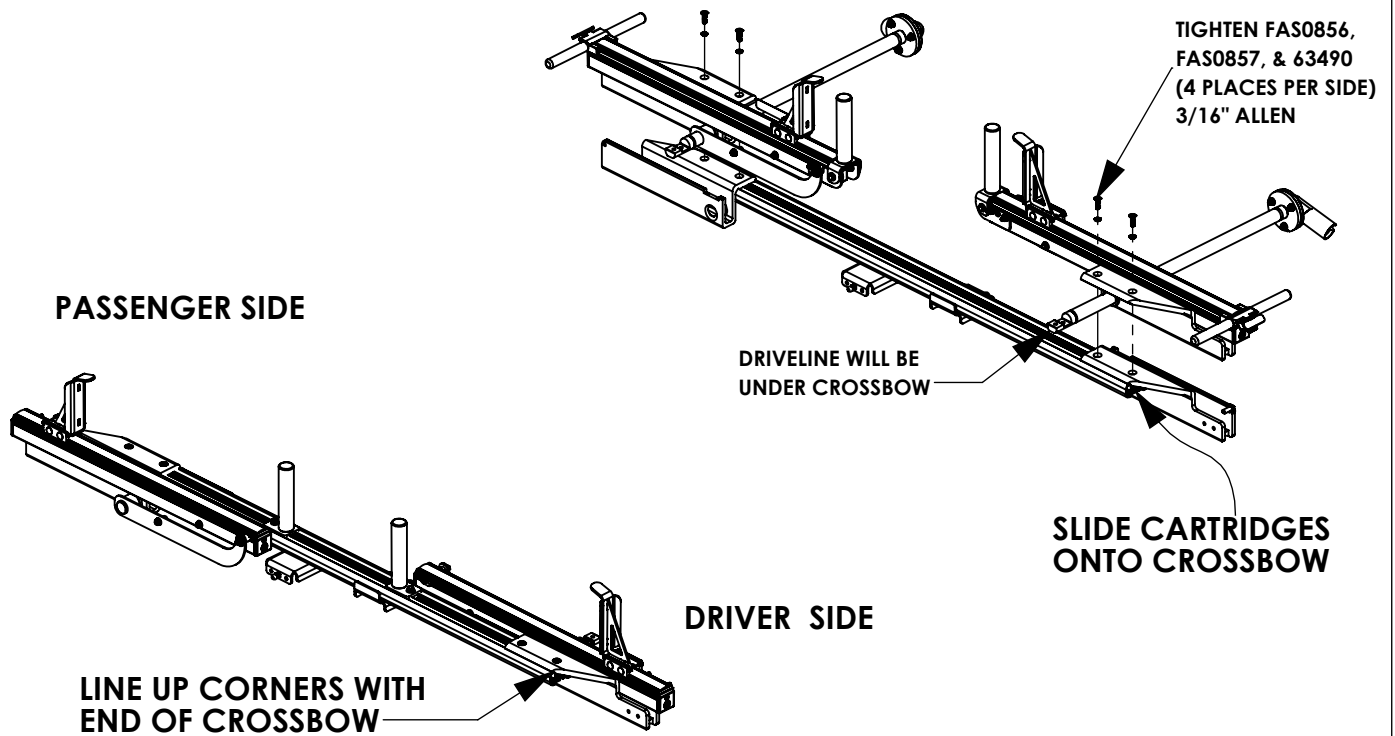


### FRONT SUB-ASSEMBLY

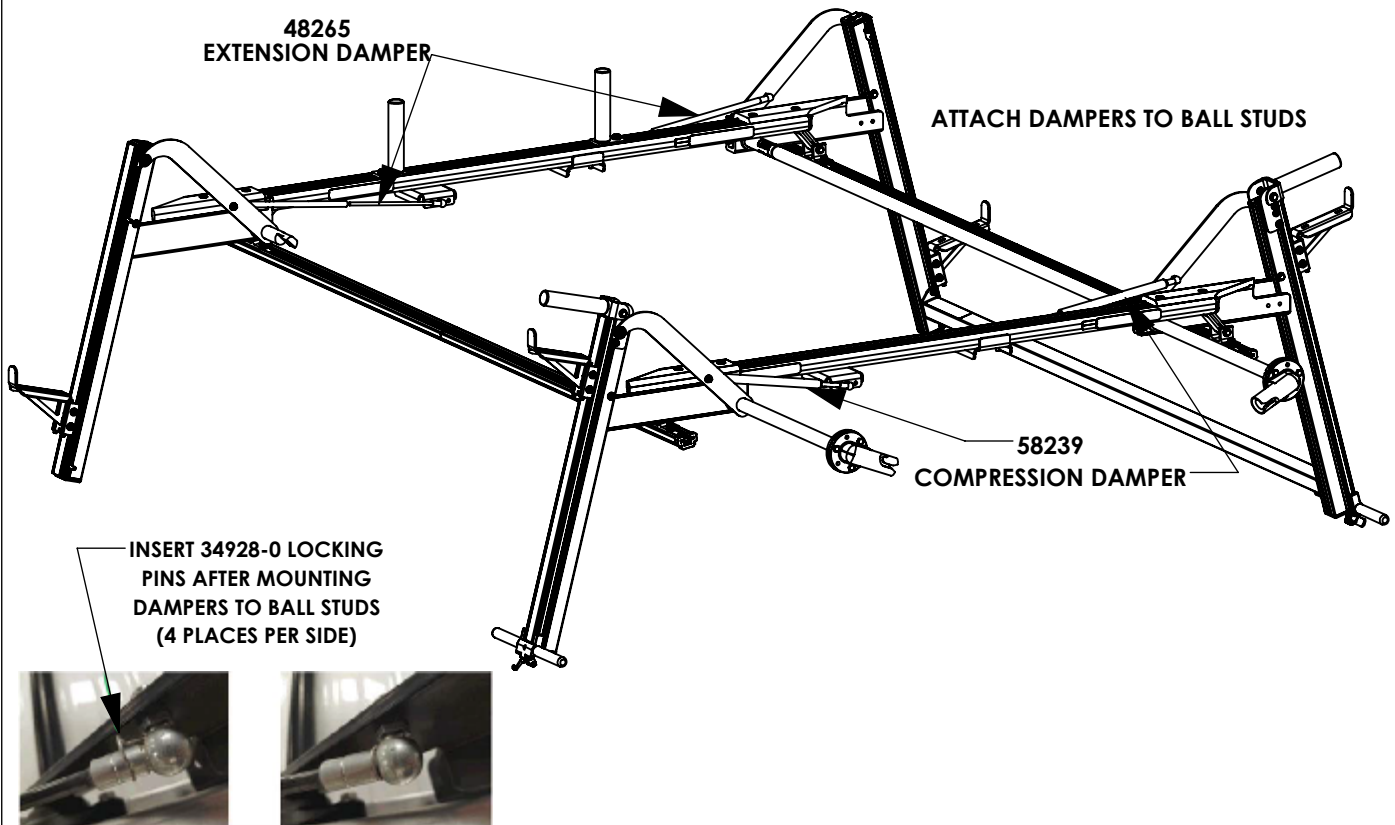


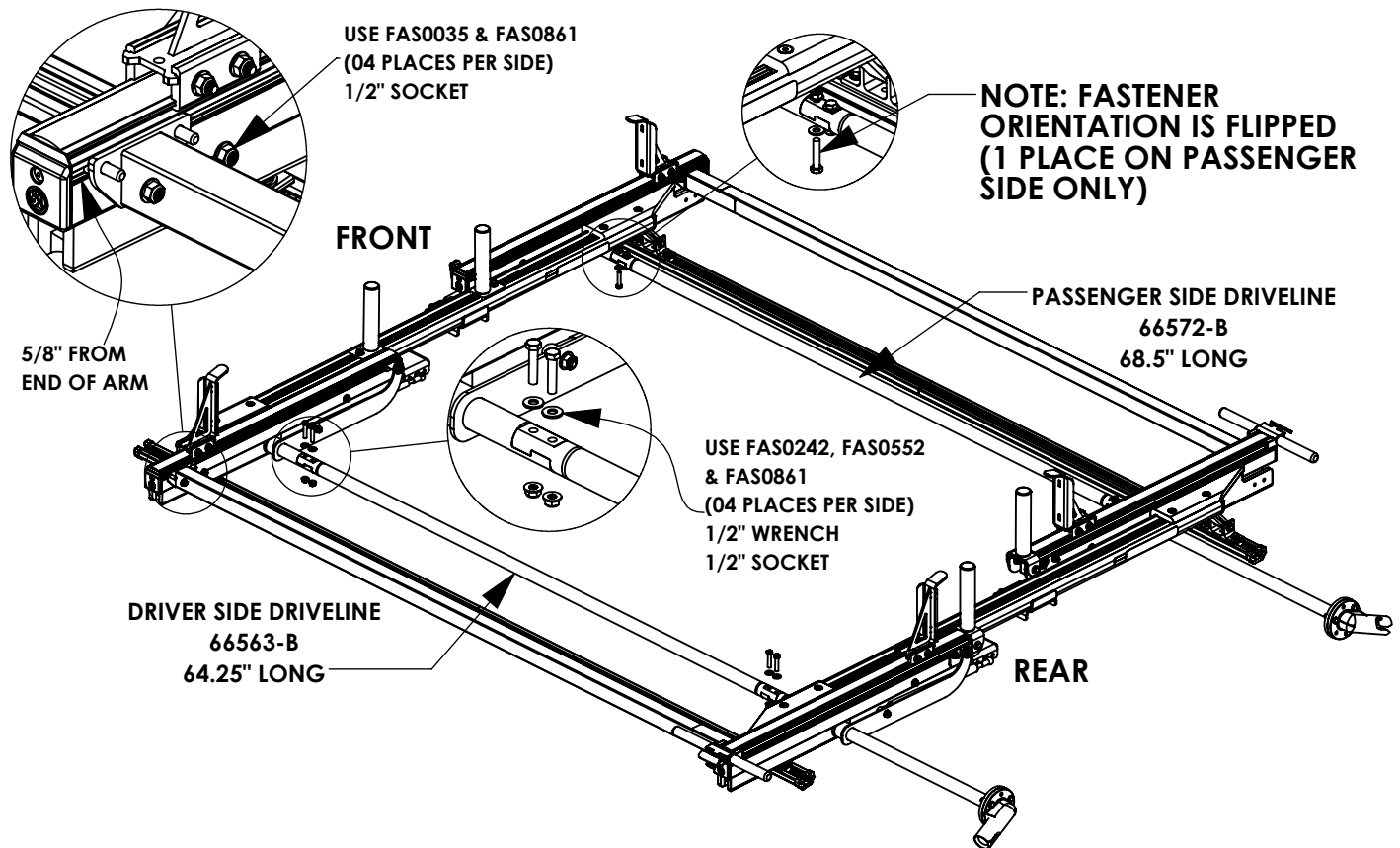
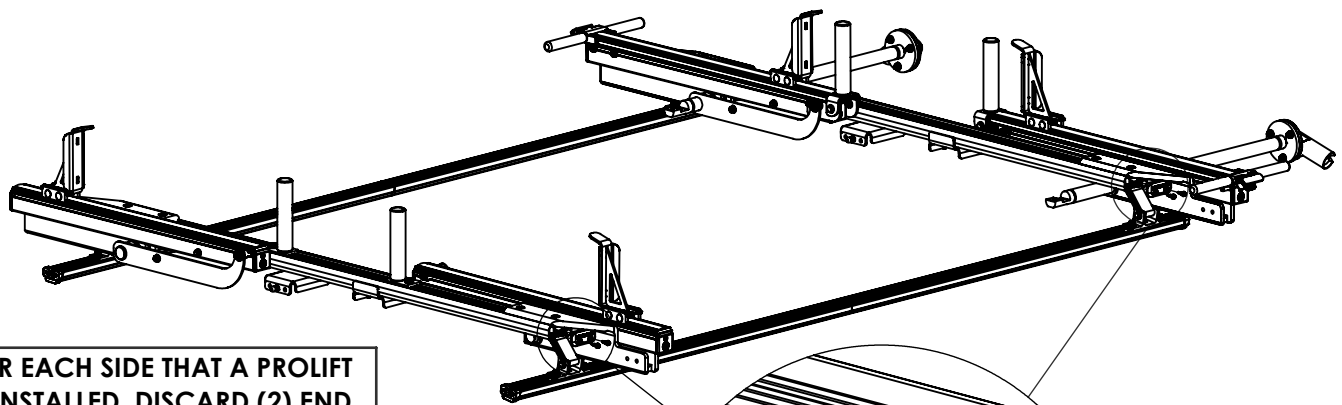
**STEP 2 - MOUNT DAMPER BRACKETS AND INNER STOPS TO CROSSBOWS**

## STEP 3 - INSTALL CARTRIDGES ON CROSSBOWS



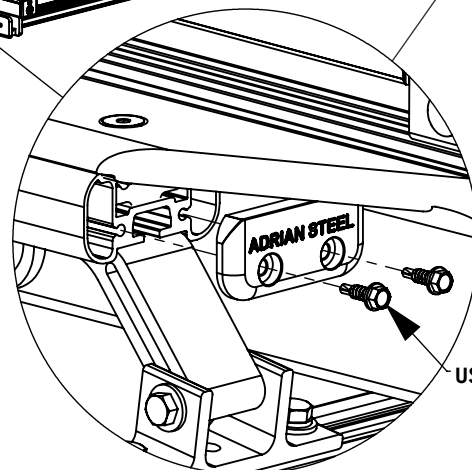
## STEP 4 - INSTALL DAMPERS



**STEP 5 - INSTALL O.S. BAR AND THEN THE DRIVELINE****STEP 6 - INSTALL CROSSBOW END CAPS**

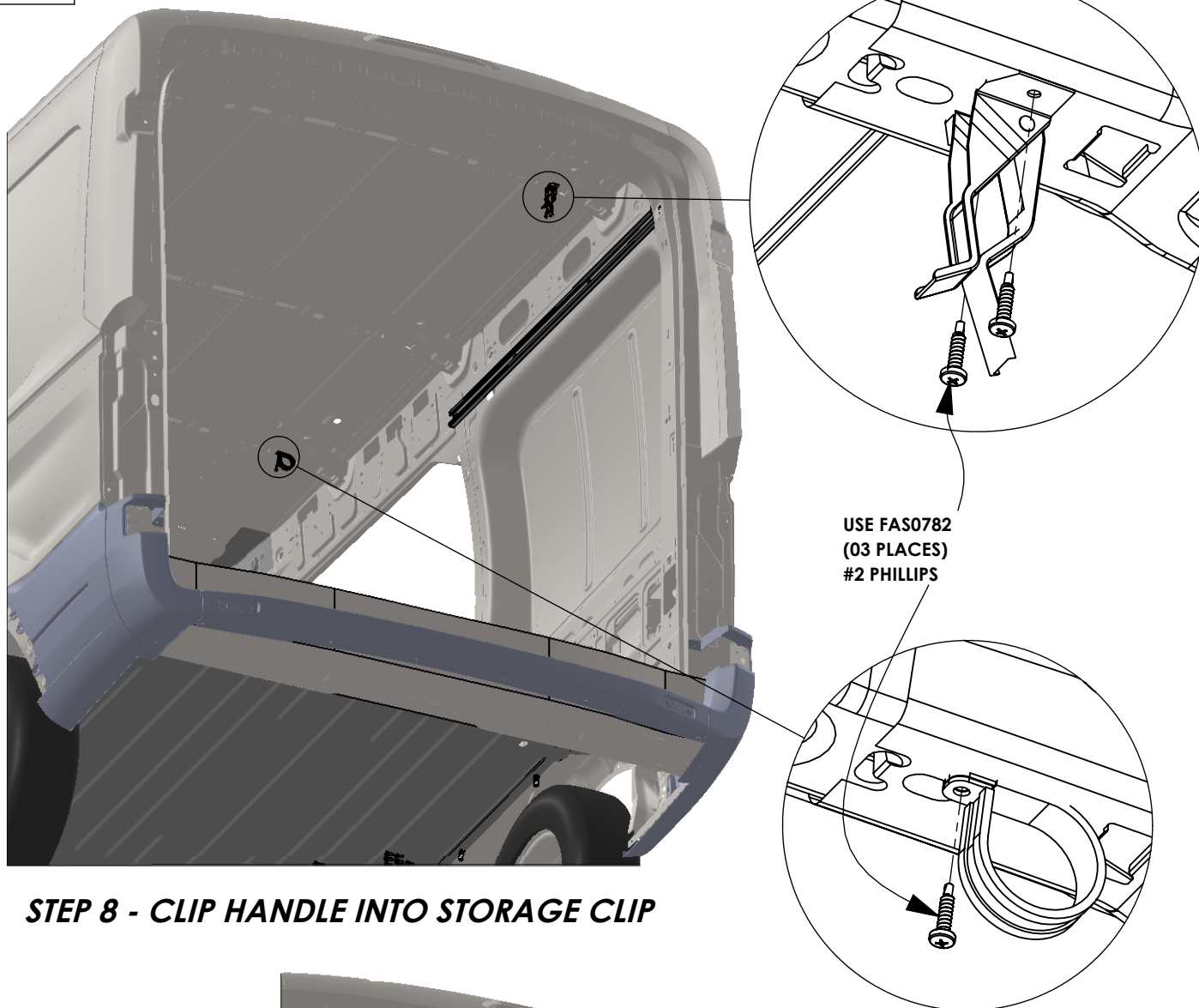
FOR EACH SIDE THAT A PROLIFT IS INSTALLED, DISCARD (2) END CAPS THAT ARE INCLUDED WITH THE CROSSBOW KIT.

SHOWN BELOW:



USE 65961 & (2) FAS0473  
(2 PLACES PER SIDE)  
3/8" SOCKET

## STEP 7 - INSTALL HANDLE STORAGE HARDWARE



## STEP 8 - CLIP HANDLE INTO STORAGE CLIP

