

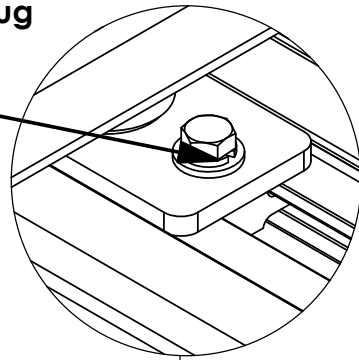
INSTR. : 69485  
NUMBER

PG: 1  
REV: A

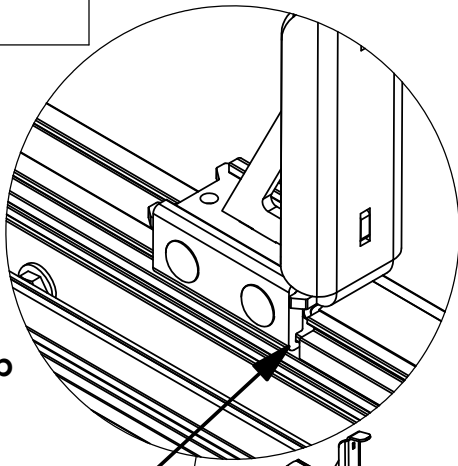
PART .Max Drop ProLift  
NUMBER •High Roof

PART •ProLift Adjustment Instructions -  
DESC. •High Roof Vans

Step 3: With 1/2" Socket loosen nut, slide post so that it is snug against ladder. Tighten nut

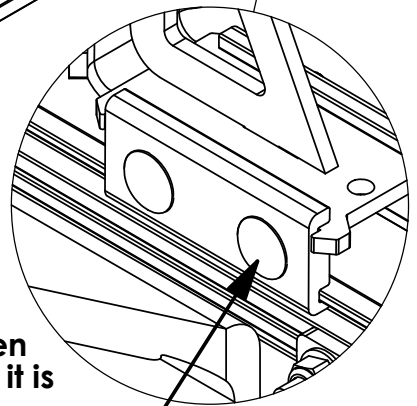


Step 1: Make sure clamp is roughly 1/8" from end of secondary drop  
If not loosen nuts (X2) with 1/2" socket and slide so it is within 1/8". Tighten Nuts (X2)



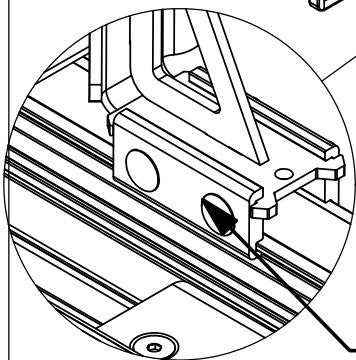
SLIDE FORWARD

Step 4: With 1/2" Socket loosen nuts (X2), slide clamp so that it is snug against ladder. Tighten nuts (X2).



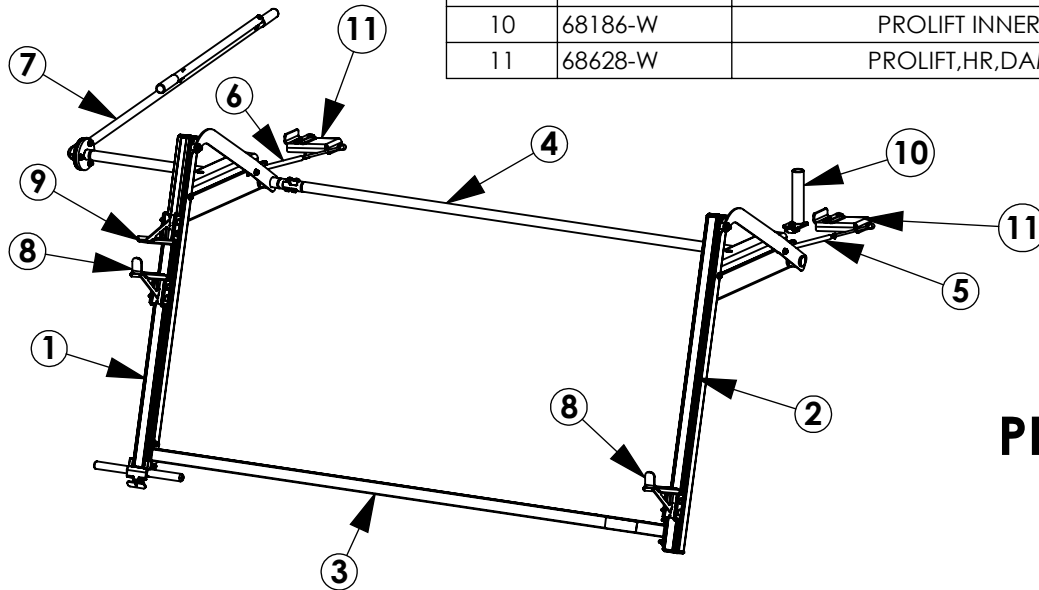
SLIDE FORWARD

Step 2: With 1/2" Socket loosen nuts (X2), slide clamp so that it is snug against ladder. Tighten nuts (X2).



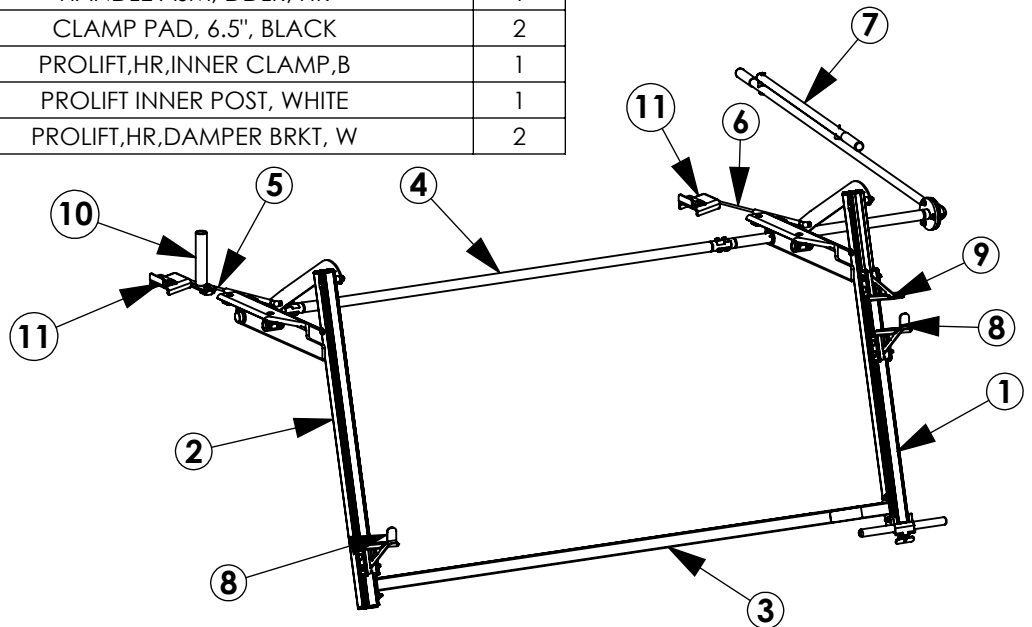
Once all brackets are adjusted operate rack to make sure clamps are not too tight

<i>INSTR. NUMBER</i> : <b>68627</b>		<i>PG:</i> <b>1</b>	<i>REV:</i> <b>B</b>	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
<i>PART NUMBER</i> • <b>PLMDPSH</b> <b>PLMDDSH</b>  <i>PART</i> • PROLIFT,MAX,PS,HR <i>DESC.</i> • PROLIFT,MAX,DS,HR				1	68400-W	PROLIFT,HR,DROP ASM,PS,RR, WHITE	1
				2	68399-W	PROLIFT,HR,DROP ASM,PS,FR, WHITE	1
				3	66959-W	DROP DOWN OUTER BAR, WELDMENT, WHITE	1
				4	66572-B	DROP DOWN, CS CENTER DRIVELINE, BLK	1
				5	48265	DAMPER ASSEMBLY	1
				6	58239	COMPRESSION DAMPER	1
				7	56330	HANDLE ASM, DDLR, HR	1
				8	68037-B	CLAMP PAD, 6.5", BLACK	2
				9	68458-B	PROLIFT,HR,INNER CLAMP,B	1
				10	68186-W	PROLIFT INNER POST, WHITE	1
				11	68628-W	PROLIFT,HR,DAMPER BRKT, W	2



**PLMDPSHW**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	68402-W	PROLIFT,HR,DROP ASM,DS,RR, WHITE	1
2	68401-W	PROLIFT,HR,DROP ASM,DS,FR, WHITE	1
3	66959-W	DROP DOWN OUTER BAR, WELDMENT, WHITE	1
4	66563-B	DROP DOWN, SS CENTER DRIVELINE, BLK	1
5	48265	DAMPER ASSEMBLY	1
6	58239	COMPRESSION DAMPER	1
7	56330	HANDLE ASM, DDLR, HR	1
8	68037-B	CLAMP PAD, 6.5", BLACK	2
9	68458-B	PROLIFT,HR,INNER CLAMP,B	1
10	68186-W	PROLIFT INNER POST, WHITE	1
11	68628-W	PROLIFT,HR,DAMPER BRKT, W	2



**PLMDDSHW**

**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.

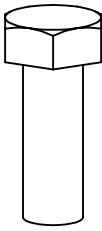
**MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT** - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

**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.

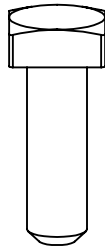
**CHECK SPACER ORIENTATION** - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

**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).

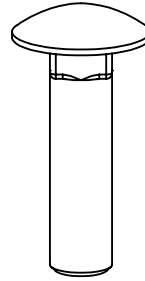
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS USED**

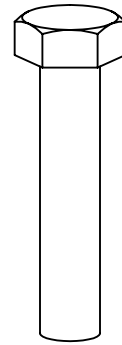
**FAS0283**  
**SCREW,HH**  
**5/16-18X.875**  
**QTY: 1**



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



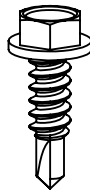
**FAS0812**  
**BOLT, CRG**  
**5/16-18X1.25**  
**QTY: 4**



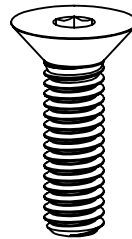
**FAS0242**  
**SCREW,HH**  
**5/16-18X1.5**  
**QTY: 4**



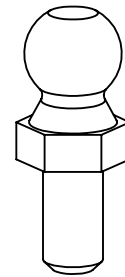
**FAS0782**  
**SCREW,THP TEK**  
**#8X.75**  
**QTY: 3**



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



**FAS0856**  
**SCREW,FHH**  
**5/16-18X1.125**  
**QTY: 4**



**34927-0**  
**SCREW,FHH**  
**5/16-18X1.125**  
**QTY: 2**



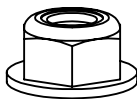
**FAS0552**  
**WASHER, FLAT**  
**USS 5/16**  
**QTY: 5**



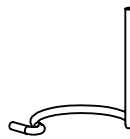
**FAS0588**  
**WASHER, LCK**  
**SPLIT 5/16**  
**QTY: 1**



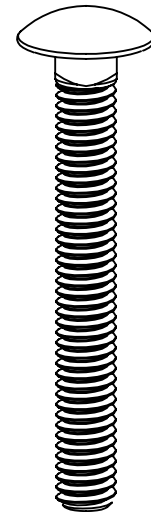
**FAS0857**  
**WASHER, LCK EXT**  
**CS 5/16**  
**QTY: 4**



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

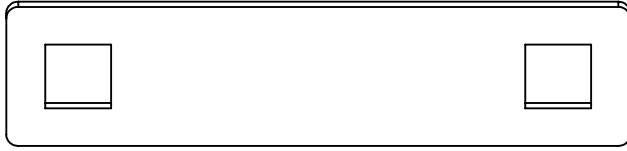


**34928-0**  
**CLIP,SPRING,**  
**RETAINER 13MM**  
**QTY: 4**

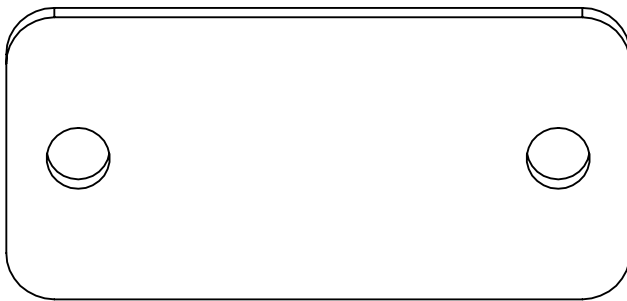


**FAS0838**  
**BOLT, CRG**  
**5/16-18X2.5**  
**QTY: 6**

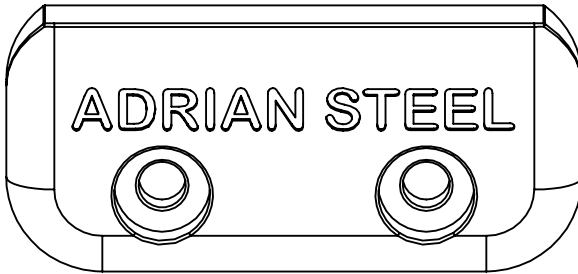
# **HARDWARE USED**



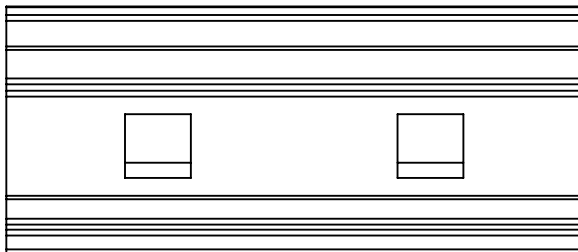
**64830**  
**REAR ROLLER,**  
**BOLT PLATE**  
**QTY: 2**



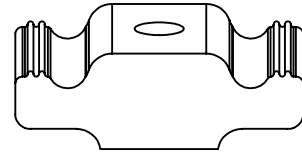
**64831**  
**REAR ROLLER,**  
**SPACER**  
**QTY: 2**



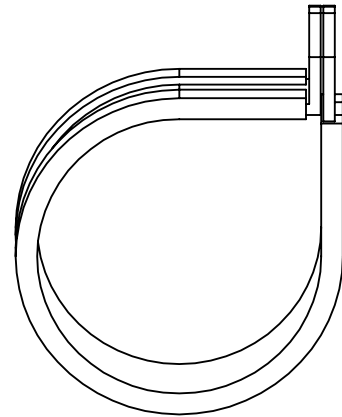
**65961**  
**DROP DOWN**  
**END CAP**  
**QTY: 2**



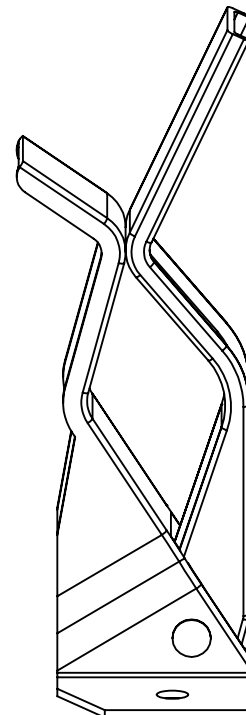
**65963-W**  
**STOP CLAMP**  
**QTY: 6**



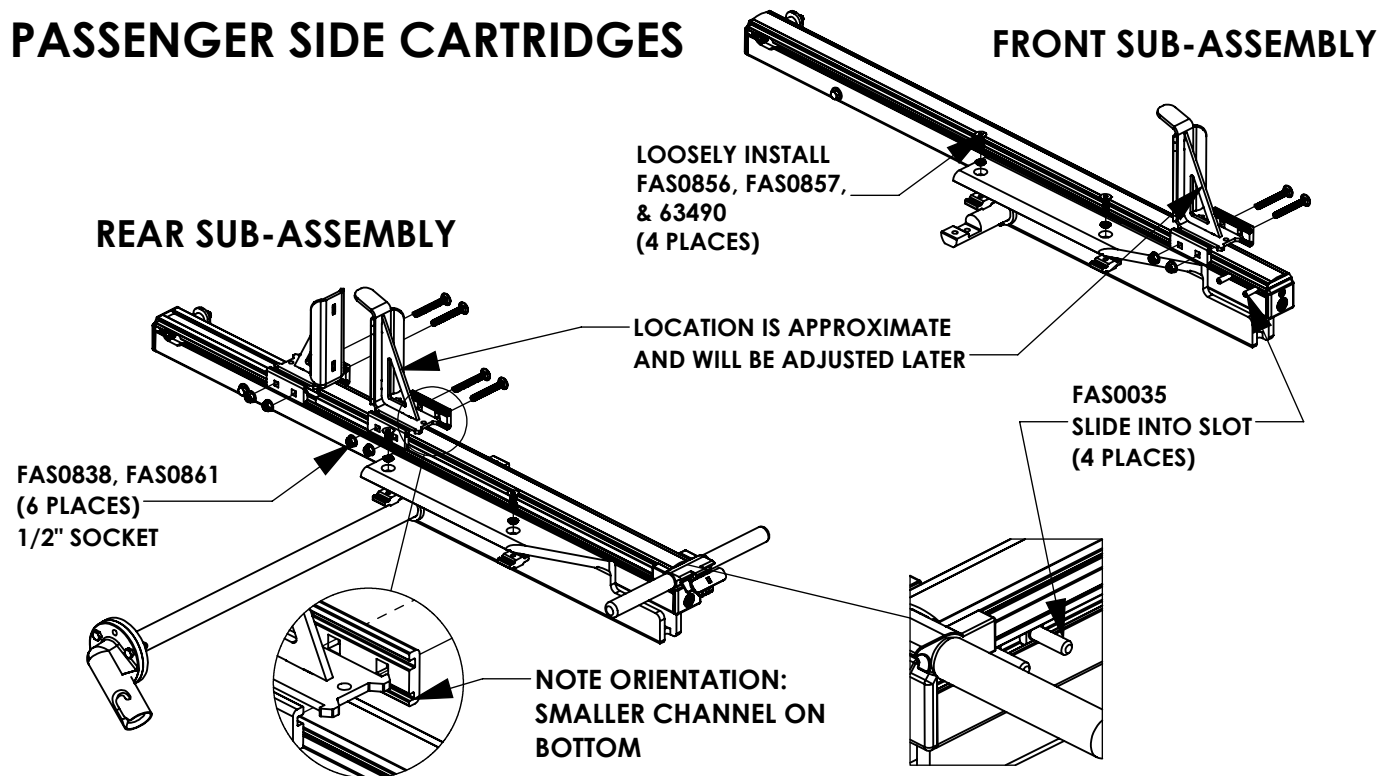
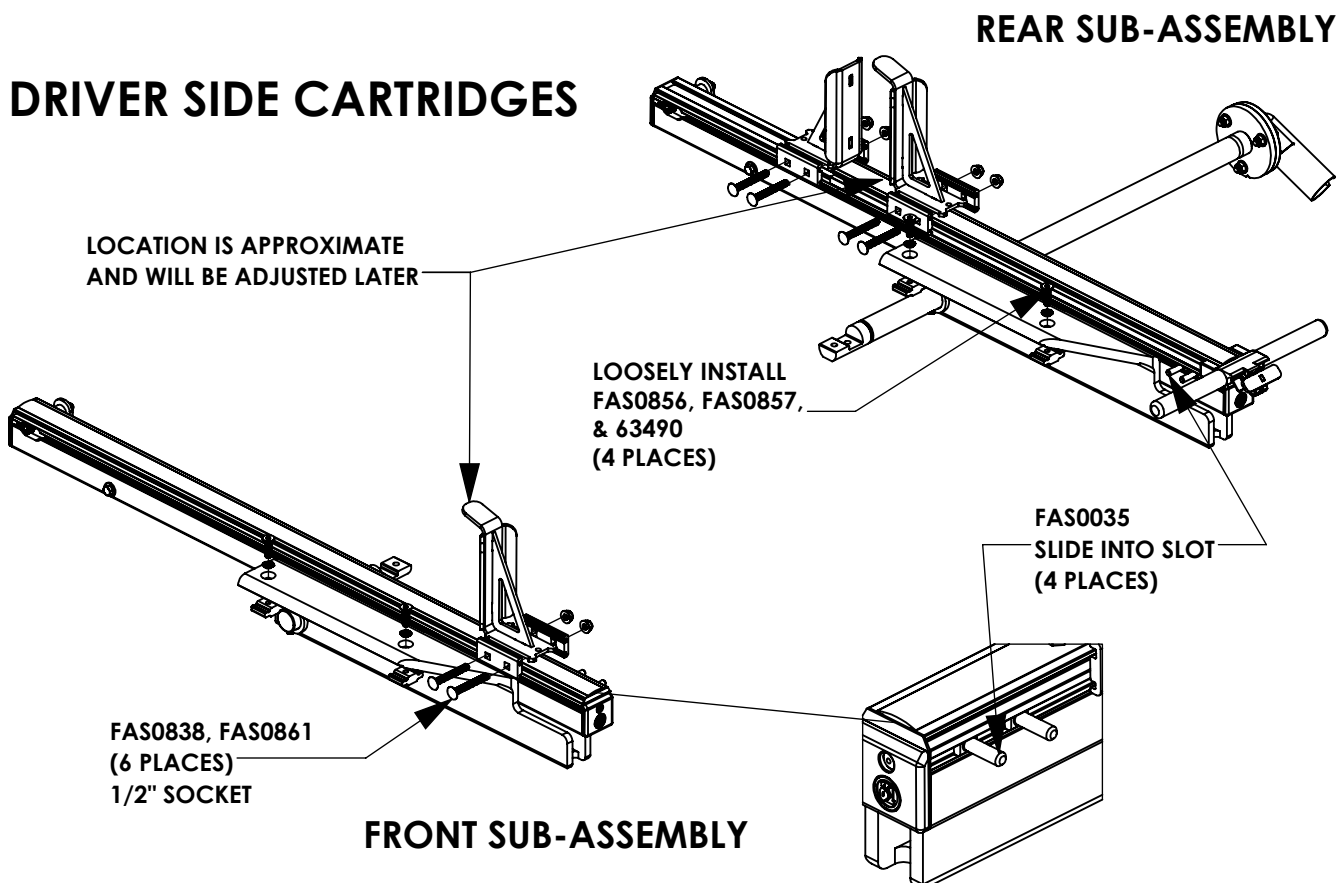
**63490**  
**RAIL SLIDE,**  
**1"**  
**QTY: 5**

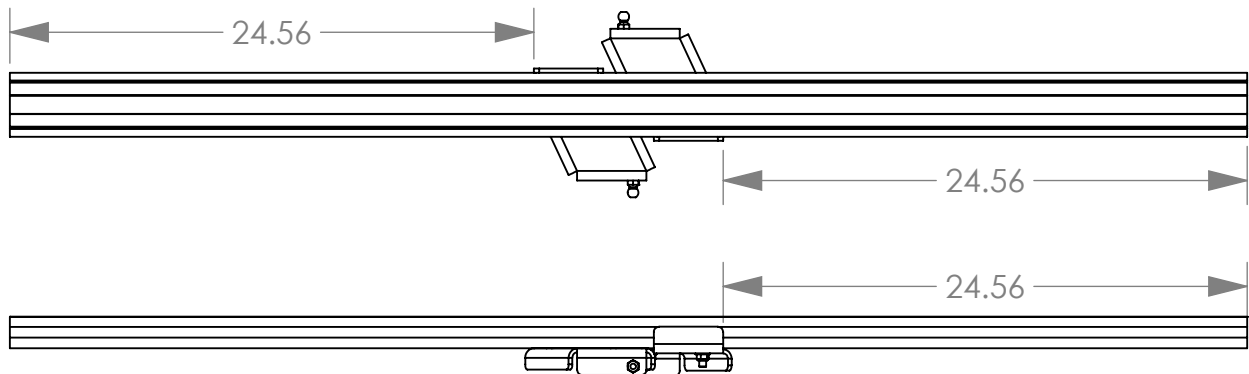
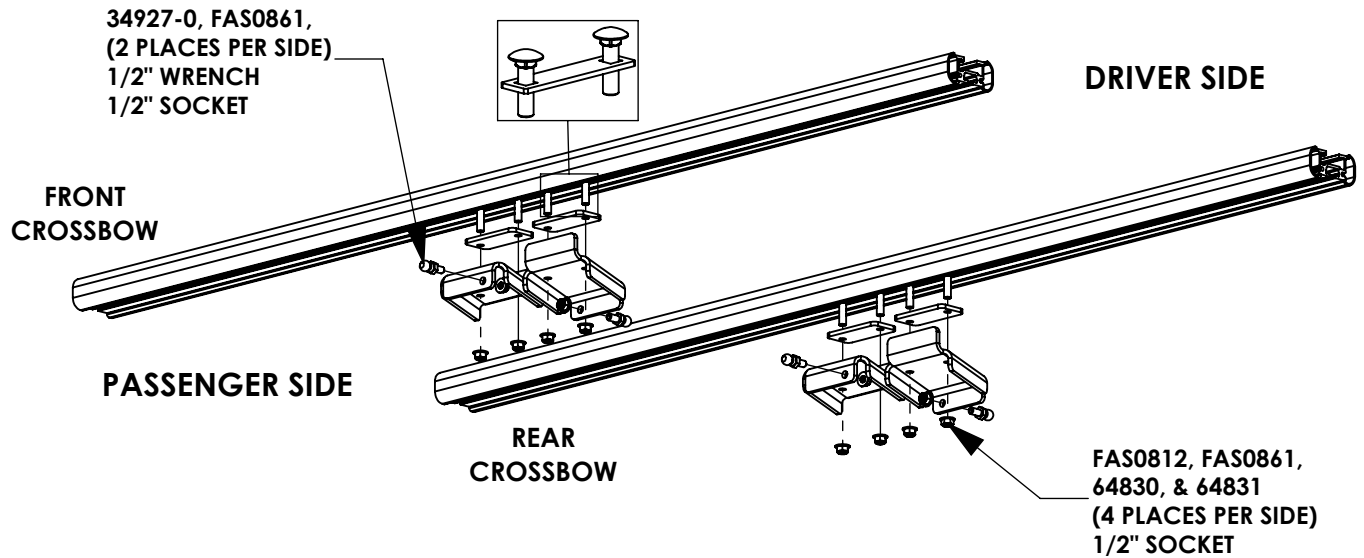


**34921-0**  
**CLAMP, CABLE**  
**1-1/2"**  
**QTY: 1**

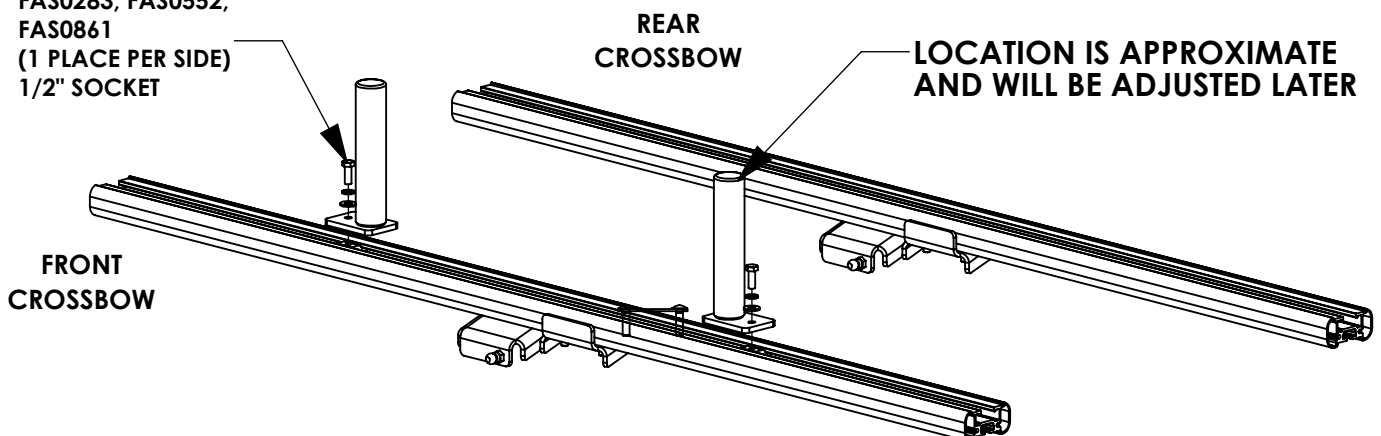


**34922-0**  
**HOLDER, TOOL**  
**QTY: 1**

**BEGIN ASSEMBLY****STEP 1 - INSTALL CLAMPS AND HARDWARE ON DROP DOWN CARTRIDGES****PASSENGER SIDE CARTRIDGES****DRIVER SIDE CARTRIDGES**

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

FAS0283, FAS0552,  
FAS0861  
(1 PLACE PER SIDE)  
1/2" SOCKET



## STEP 3 - INSTALL CARTRIDGES ON CROSSBOWS

FULLY TIGHTEN  
FAS0856, FAS0857,  
& 63490  
(4 PLACES PER SIDE)  
3/16" ALLEN

PASSENGER SIDE

DRIVELINE WILL BE  
UNDER CROSSBOW

DRIVER SIDE

SLIDE CARTRIDGES  
ONTO CROSSBOWS

LINE UP CORNERS WITH  
END OF CROSSBOWS

## STEP 4 - INSTALL DAMPERS

48265  
EXTENSION DAMPER

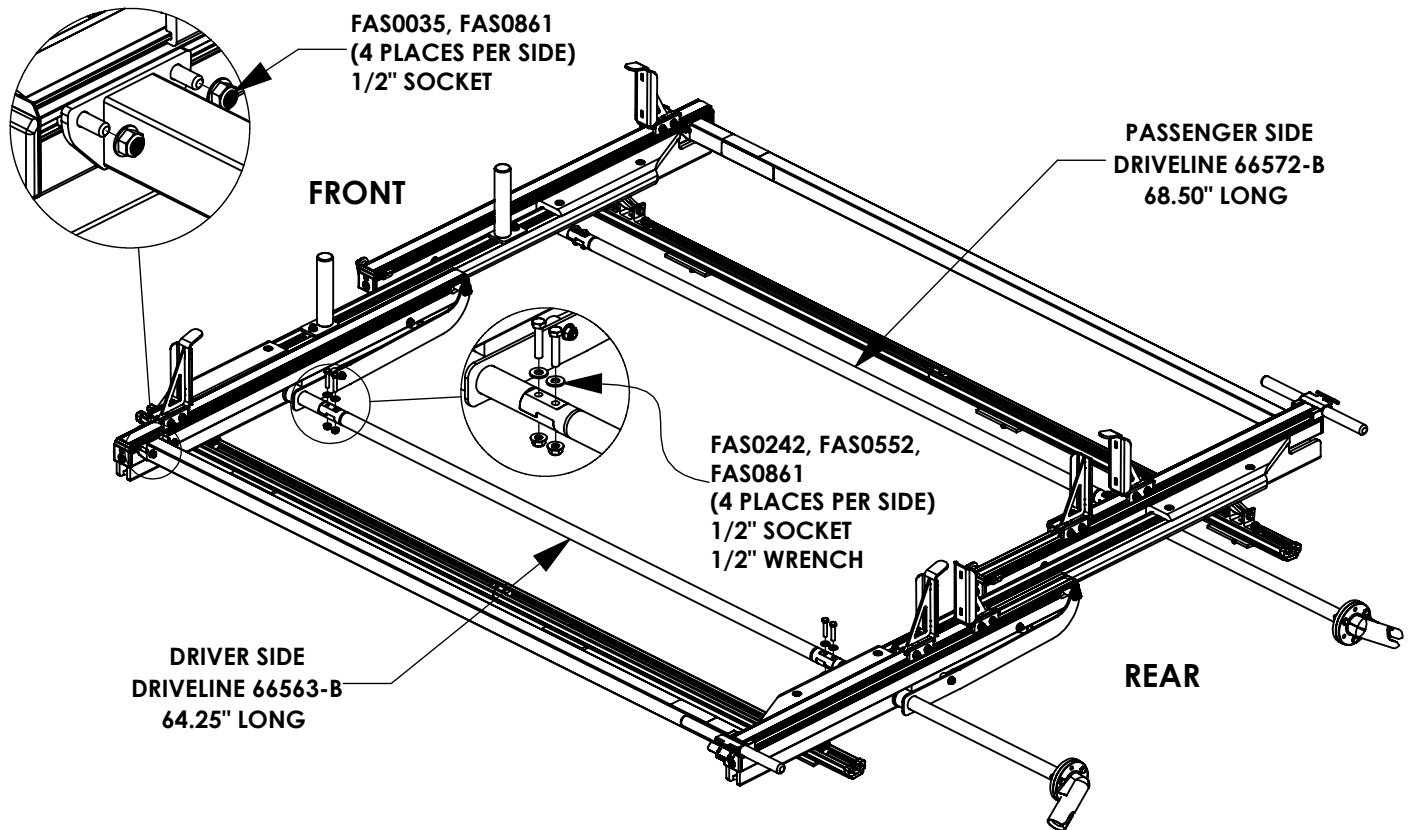
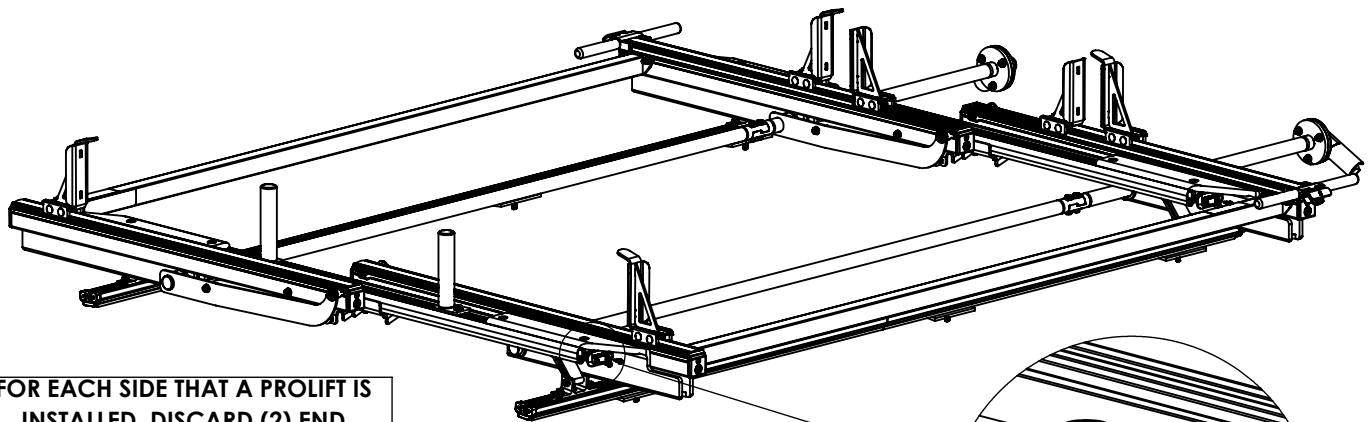
ATTACH DAMPERS  
TO BALL STUDS

INSERT 34928-0 LOCKING  
PINS AFTER MOUNTING  
TO BALL STUDS  
(4 PLACES PER SIDE)

58239  
COMPRESSION DAMPER





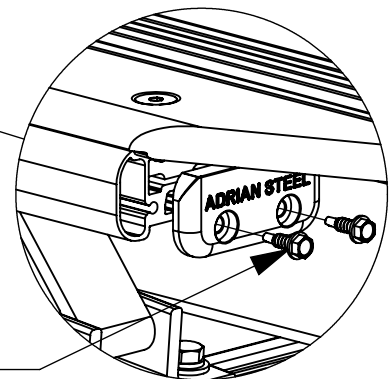
**STEP 5 - INSTALL DRIVELINE AND O.S. BAR****STEP 6 - INSTALL CROSSBOW END CAPS**

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

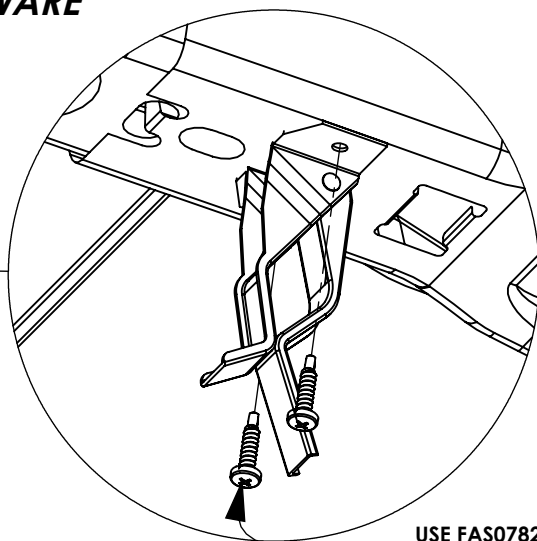
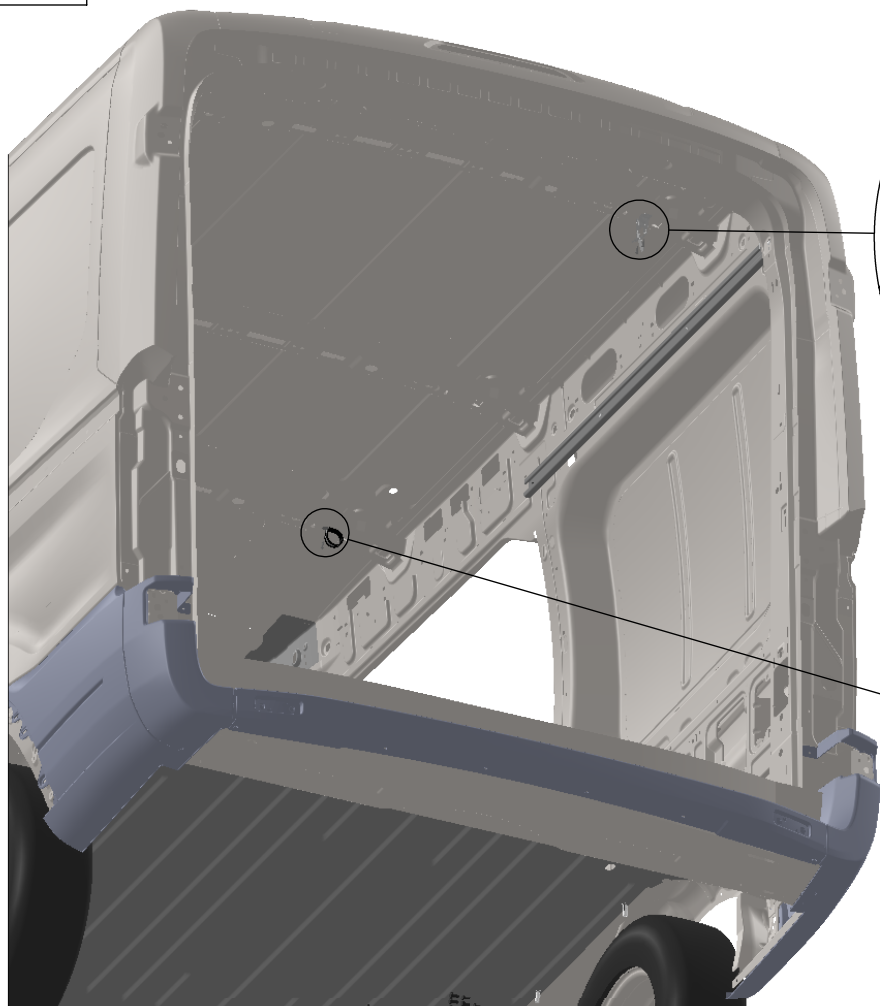
SHOWN BELOW:



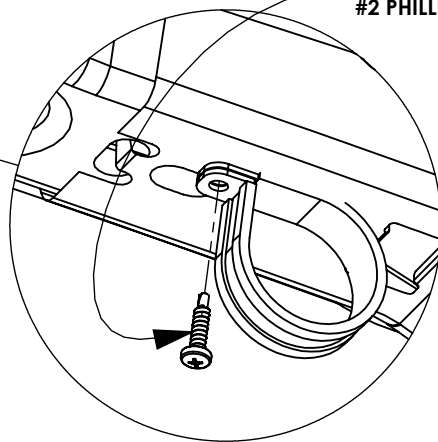
65961, (2) FAS0473  
(2 PLACES PER SIDE)  
5/16" SOCKET



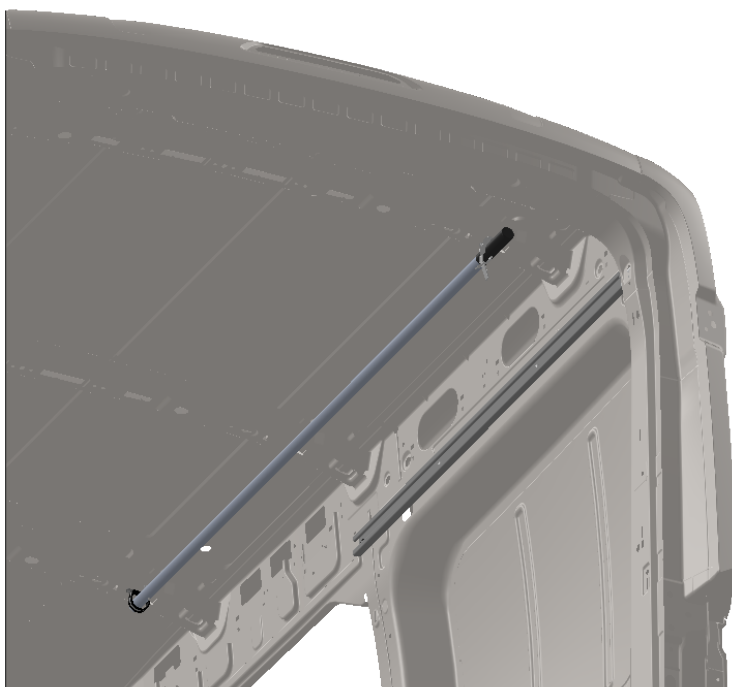
## STEP 7 - INSTALL HANDLE STORAGE HARDWARE



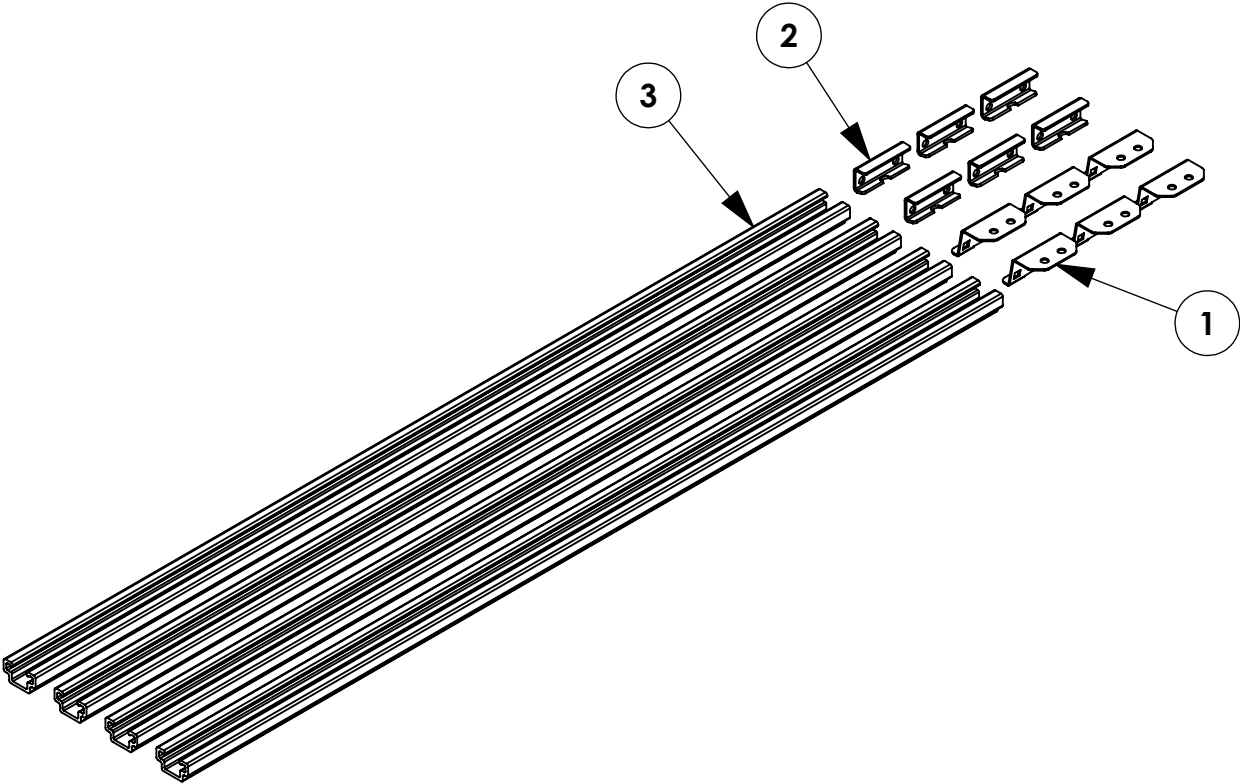
USE FAS0782  
(3 PLACES)  
#2 PHILLIPS



## STEP 8 - CLIP HANDLE INTO STORAGE CLIP



<i>INSTR. NUMBER</i> : <b>67270</b>  <i>PART NUMBER</i> : <b>RRKPM</b>  <i>PART • ROOF RAIL KIT,</i> <i>DESC. • PROMASTER FSV</i>	<i>PG:</i> <b>1</b>	<i>REV:</i> <b>C</b>	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	63386	Foot Clamp 2, Promaster	6
			2	63387	Foot Clamp, Promaster	6
			3	63373	ROOF RAIL PM 118, 159, 159EXT	4



**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 HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

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**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.

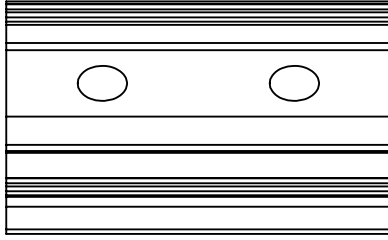
**MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT** - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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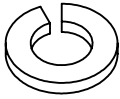
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS USED**

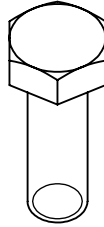
63491  
RAIL CONNECTOR, 2"  
QTY: 8



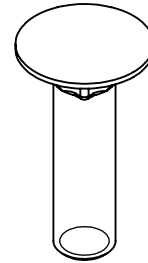
FAS0497  
SET SCREW SS  
5/16-18X.75  
QTY: 4



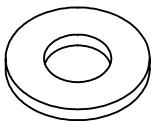
FAS0588  
WASHER, LOCK SPLIT  
5/16 SS  
QTY: 12



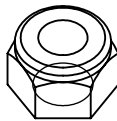
FAS0597  
SCREW, HEX HD  
5/16-18X1.00 SS  
QTY: 12



FAS0812  
BOLT, CARRIAGE  
5/16-18X1.25 SS  
QTY: 12



FAS0552  
WASHER, FLAT  
5/16 SS  
QTY: 24



FAS0248  
NUT, NYLON LOCK  
5/16-18 SS  
QTY: 12

**ROOF RAIL INSTALL LOCATION - 118, 159, 159 EXTENDED WHEEL BASES  
LOW & HIGH ROOF**

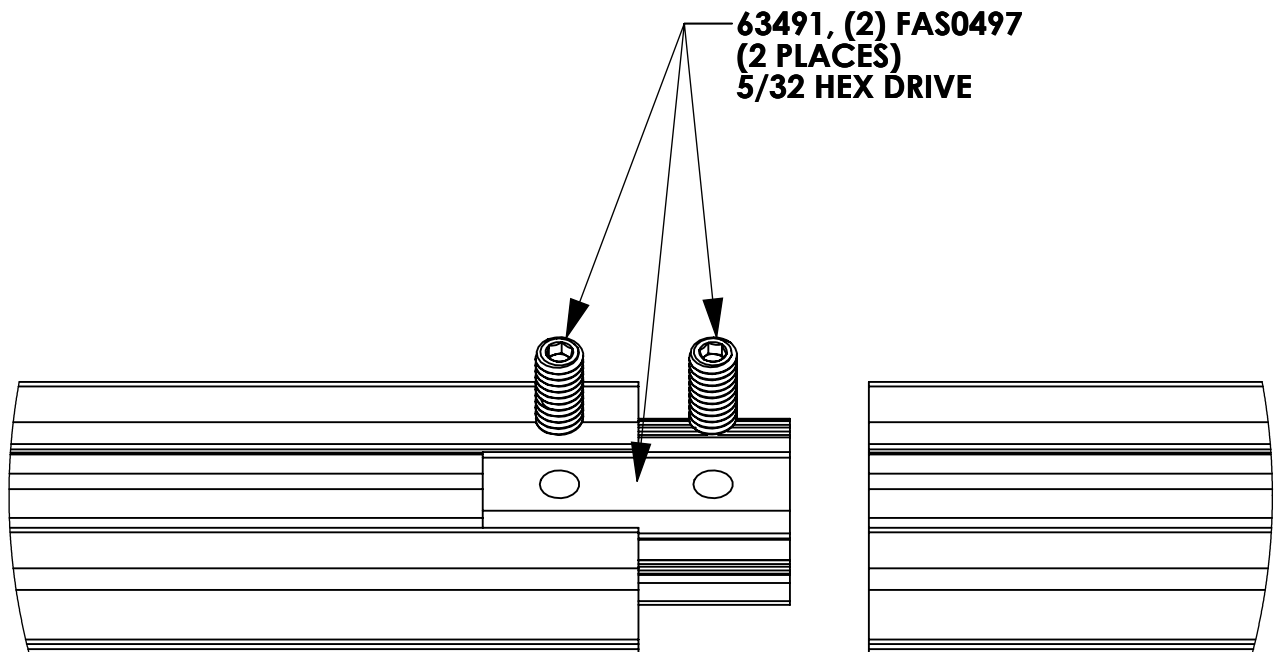
ALIGN  
CENTER OF  
BRACKET  
WITH CENTER  
OF ROOF  
PEG AND  
TIGHTEN  
DOWN

6.81 FROM  
END OF RAIL  
TO START OF  
FIRST BRACKET  
(BOTH SIDES)



**CONNECT ROOF RAILS**

**STEP 1 - SLIDE RAILS TOGETHER. CENTER SLIDE BETWEEN TWO RAILS AND TIGHTEN DOWN SET SCREWS**



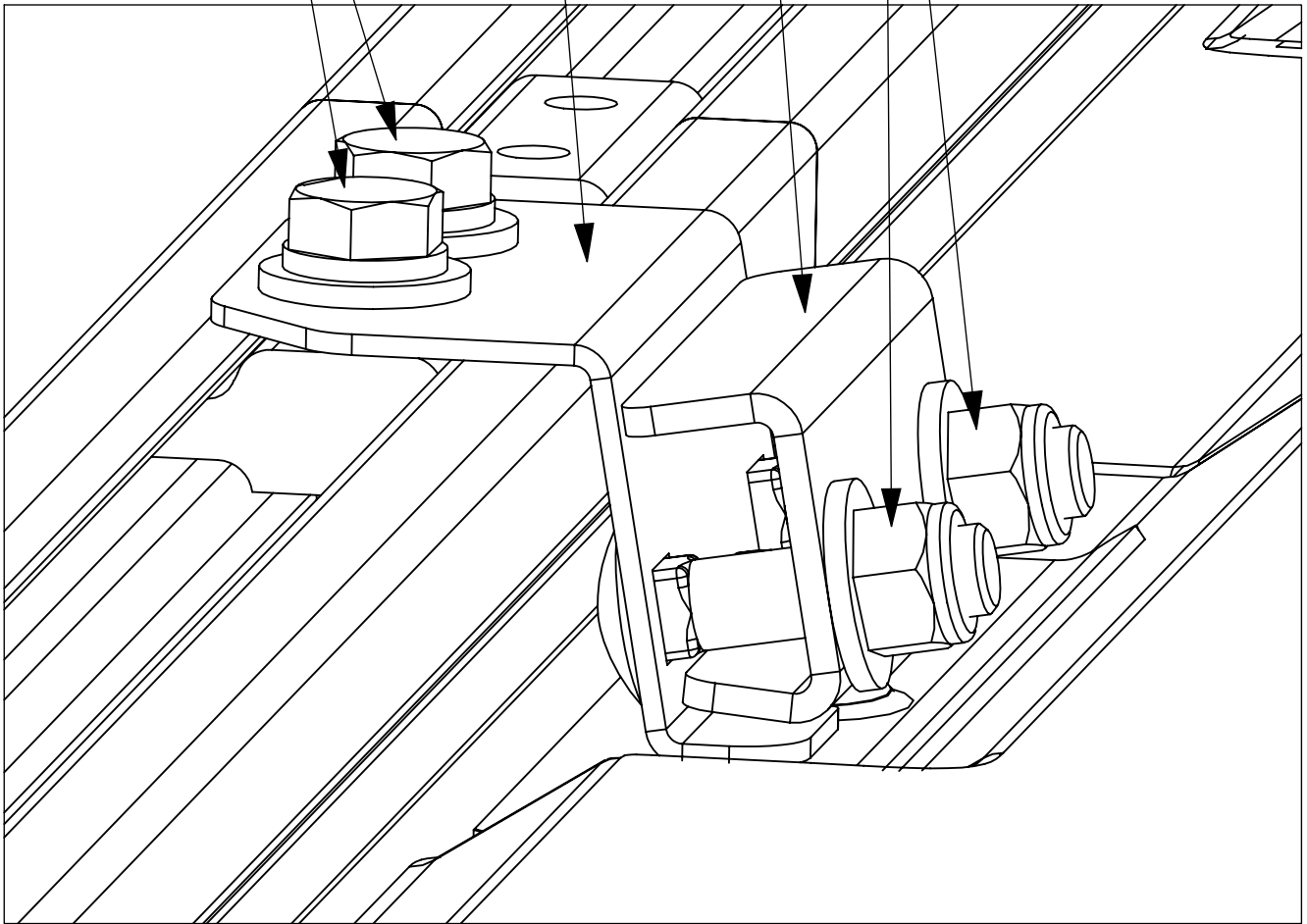
**BEGIN INSTALLATION****STEP 2 - INSTALL RAIL AND BRACKETS TO ROOF OF VEHICLE**

(2) FAS0597, (2) FAS0588,  
(2) FAS0552, 63491  
(6 PLACES)  
1/2" WRENCH

63386

63387

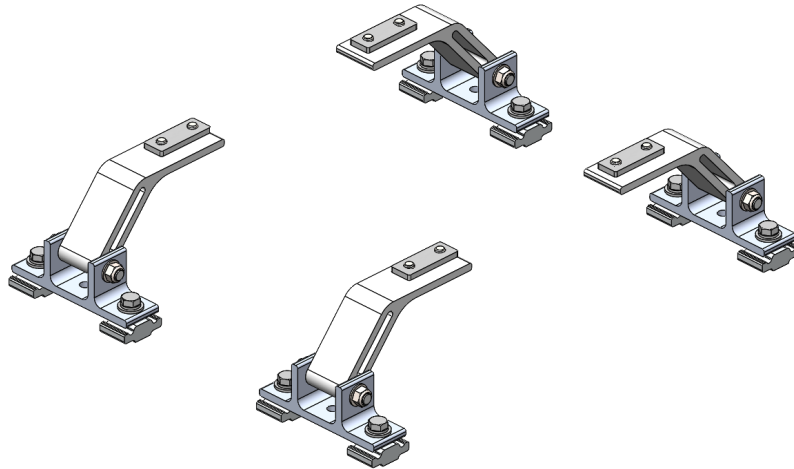
(2) FAS0812, (2) FAS05552,  
(2) FAS0248  
(6 PLACES)  
1/2" WRENCH







## Mounting Bracket Kit, 4-Pack, White, Multiple Pickups



PRODUCT WEIGHT  
**4.0 LBS**

HEIGHT OFF ROOF  
**SEE TABLE BELOW**

CAPACITY  
**REFER TO OEM'S  
RECOMMENDED LOAD  
RATING**  
COLOR

**WHITE**

CATALOG NUMBER

**URMBK4W**

### PRODUCT FEATURES

**Aluminum mounting bracket kit for the PROFILE™ HD Utility, Grip-Lock, and/or ProLift ladder racks. Only works with the OEM specific, Adrian Steel supplied roof rail kit.**

**Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!**

**Reference respective OEM specific roof rail kit for more detailed list of compatible accessories.**

**SEE PAGE 2 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.**

### PAGE 1 of 2

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time without prior notification.



**CATALOG NUMBER      URMBK4W**

**PRODUCT APPLICATION**

**This product is designed to work with OEM specific rail kit for HD Utility, Grip-Lock, and/or ProLift racks. HD Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!**

**ACCESSORIES THAT WILL WORK WITH THIS PRODUCT**

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
RRKFT	Mounting Roof Rail Kit, Transit	RRKNVFSV	Mounting Roof Rail Kit, NV
RRKSP	Mounting Roof Rail Kit, Sprinter	RRKPM	Mounting Roof Rail Kit, ProMaster, 118" WB, 159" WB, 159" WB Extended
RRKPM136WB	Mounting Roof Rail Kit, ProMaster, 136" WB	RRKSBTOP	Mounting Roof Rail Kit, Multiple Pickups
RRKLBTOP	Mounting Roof Rail Kit, Multiple Pickups		

**Reference respective OEM specific roof rail kit for more detailed list of compatible accessories.**

**3/19/2025**

**UPDATED INSTALL POSITION  
OF URMBK ON FORD TRANSIT  
LOW ROOF IN LINE WITH  
DEVIATION #1172 - SEE PAGES  
12 AND 13 FOR DETAILS AND  
RECOMMENDATIONS. PAGE 2  
APPLIES FOR ALL VEHICLE/  
ROOF COMBINATIONS.**

INSTR. NUMBER : <b>66850</b>	PG: <b>1</b>	REV: <b>D</b>	ITEM NO.	PART NUMBER	DESCRIPTION	URMBK4W	URMBK2W
			1	65123-W	UTILITY,FT MOUNT ARM,ST,W	4	2
			2	63852-W	UTILITY, MOUNTING BRKT, W	4	2

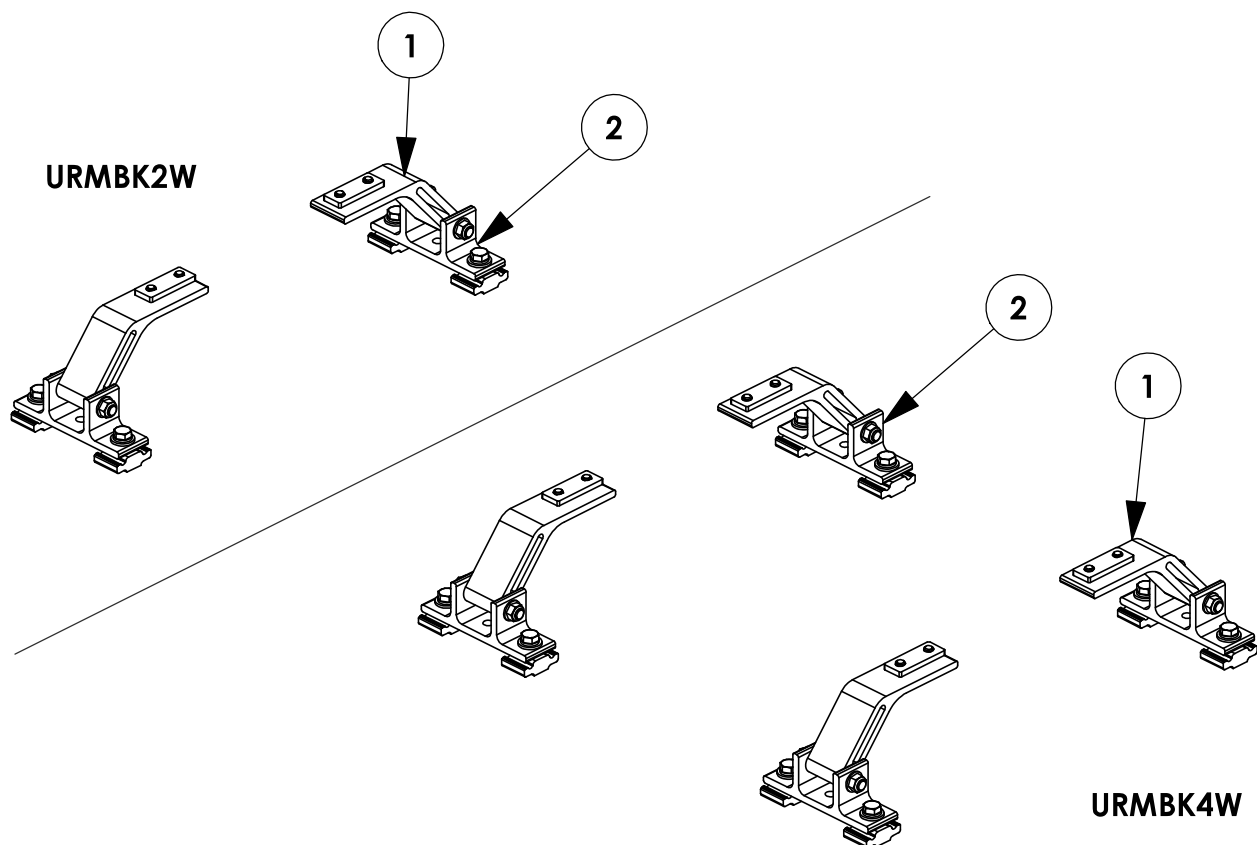
PART  
NUMBER : **URMBK**

PART  
DESC. : UTILITY,MNT BKT KT,RAIL

**-PART NUMBERS WITH "-W" SUFFIX ARE PAINTED WHITE  
-FOR BLACK MOUNTING KITS, REPLACE "-W" PARTS  
WITH "-B" PARTS**

**NOTE: THIS INSTRUCTION IS  
VALID FOR THE FOLLOWING  
KITS:**

**-URMBK4W  
-URMBK4B  
-URMBK2W  
-URMBK2B**



**TOOLS NEEDED:**

- DRIVE RATCHET
- IMPACT DRIVER
- 3/16" SOCKET
- 1/2" SOCKET
- 1/2" WRENCH
- TAPE MEASURE

**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 HARNESSSES 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.

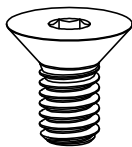
**PROVIDE CLEARANCE FOR SPACERS** - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

**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.

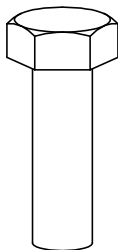
**PLUSNUT INSTALLATION** - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

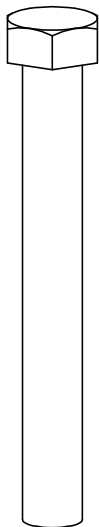
**FASTENERS AND HARDWARE USED**  
**BAG REFERENCE: BAG66848**



**FAS0858**  
**5/16-18X.63**  
**FHH SCREW**  
**QTY: 8**



**FAS0597**  
**5/16-18X1.0 SS**  
**HH SCREW**  
**QTY: 8**



**FAS0243**  
**5/16-18X2.5 SS**  
**HH SCREW**  
**QTY: 4**



**FAS0857**  
**5/16 SS WASHER,**  
**LOCK EXT CS**  
**QTY: 8**



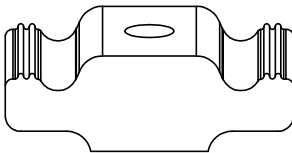
**FAS0588**  
**5/16 SS**  
**SPLIT WASHER**  
**QTY: 8**



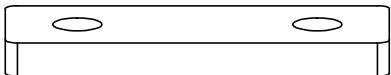
**FAS0552**  
**5/16 SS**  
**FLAT WASHER**  
**QTY: 12**



**FAS0861**  
**5/16-18 SS**  
**HH FLG NUT**  
**QTY: 4**



**63490**  
**RAIL SLIDE,**  
**1"**  
**QTY: 8**



**68042**  
**PROFILE FOOT**  
**MOUNTING PLATE**  
**QTY: 4**

**PAGE INTENTIONALLY LEFT BLANK**

**STEP 1 - ASSEMBLE MOUNTING ARMS TO CROSSBOW**

CHECK TABLE 1-3 IN INSTRUCTION 68895 FOR ADDITIONAL ACCESSORY SLIDE INSTALLATION BEFORE INSTALLING MOUNTING BRACKETS (ALL A.2 ITEMS SHOULD BE COMPLETELY ASSEMBLED FIRST!)

**STEP 1.1**

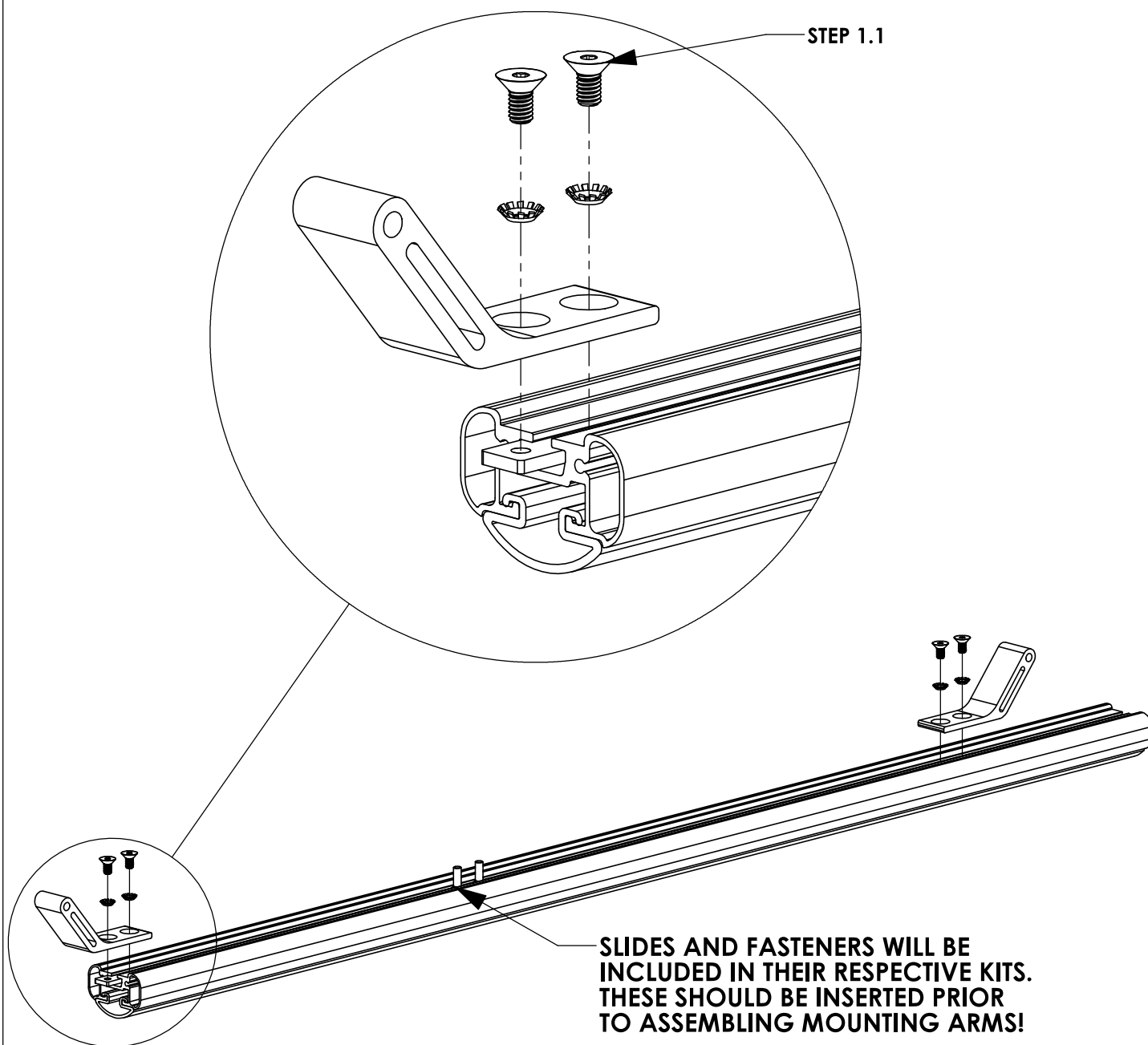
**LOOSELY ASSEMBLE  
UNTIL AFTER STEP 3**

(2) FAS0857, (2)  
FAS0858, 68042

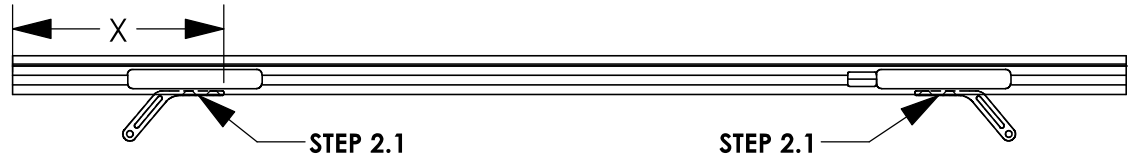
(02 PLACES PER  
CROSSBOW)  
3/16" ALLEN

**ATTENTION!**

IF INSTALLING A GRIP-LOCK ON A PICKUP TRUCK TOPPER, ASSEMBLE MOUNTING ARMS FACING OUTWARD FOR THAT SIDE OF THE RACK





**STEP 2 - SECURE CROSSBOW****FULL SIZE VANS****CENTER CROSSBOW ON MOUNTING BRACKETS**

**STEP 2.1**  
**FULLY TIGHTEN**  
**FROM STEP 1.1**

(04 PLACES PER  
CROSSBOW)  
3/16" ALLEN

**VEHICLE PLATFORM****DIMENSION "X" (in.) -  
58" CROSSBOW****DIMENSION "X" (in.) -  
68" CROSSBOW****FORD TRANSIT**

6 5/8"

11 5/8"

**RAM PROMASTER**

6"

11"

**NISSAN NV**

4 7/8"

9 7/8"

**MERCEDES SPRINTER  
(LOW ROOF)**

4 5/8"

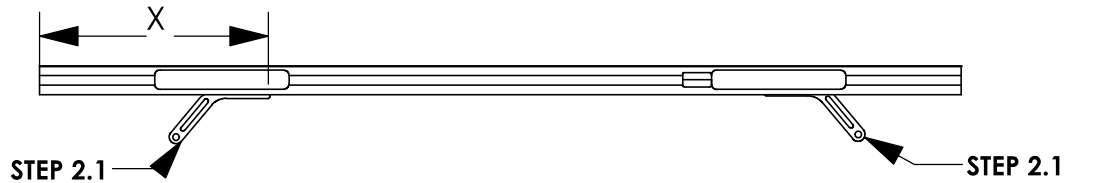
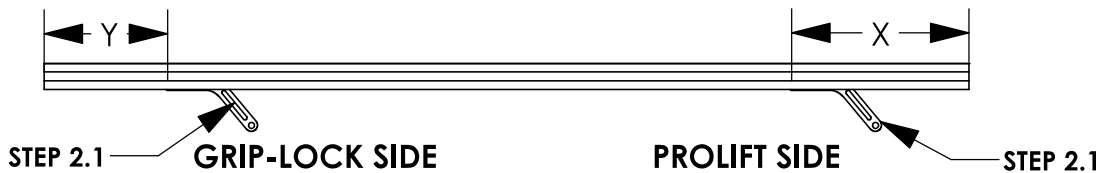
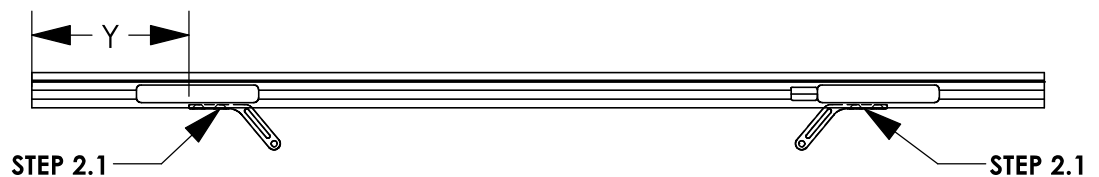
9 5/8"

**MERCEDES SPRINTER  
(HIGH ROOF)**

8 1/8"

13 1/8"

**DIMENSION WILL  
VARY BASED ON  
ROOF RAIL  
PLACEMENT ON  
TOPPER**

**PICKUP TRUCK TOPPERS****FEET ORIENTATION FOR DUAL PROLIFT SHOWN****FEET ORIENTATION FOR COMBO RACK SHOWN****FEET ORIENTATION FOR DUAL GRIP-LOCK SHOWN**

**MOUNTING FEET  
FOR GRIP LOCK SIDE  
OF COMBO RACK  
WILL FACE  
OUTWARD FROM  
ROOF CENTERLINE  
ON TOPPER**

**CROSSBOW LENGTH****DIMENSION "X" (in.) -  
PROLIFT****DIMENSION "Y" (in.) -  
GRIPLOCK****48" (PROLIFT)**

MINIMUM 10 1/8"

N/A

**53" (COMBO)**

MINIMUM 10 1/8"

MAX 7 1/8"

**58" (GRIP-LOCK)**

N/A

MAX 7 1/8"

**NOTE - THESE DIMENSIONS ARE APPROXIMATE AND WILL VARY  
SLIGHTLY WITH ANY TOLERANCE IN THE BUILD OF THE VEHICLE**

**STEP 3 - ASSEMBLE LOWER MOUNTING FOOT TO ROOF RAIL****STEP 3.1****FULLY TIGHTEN**

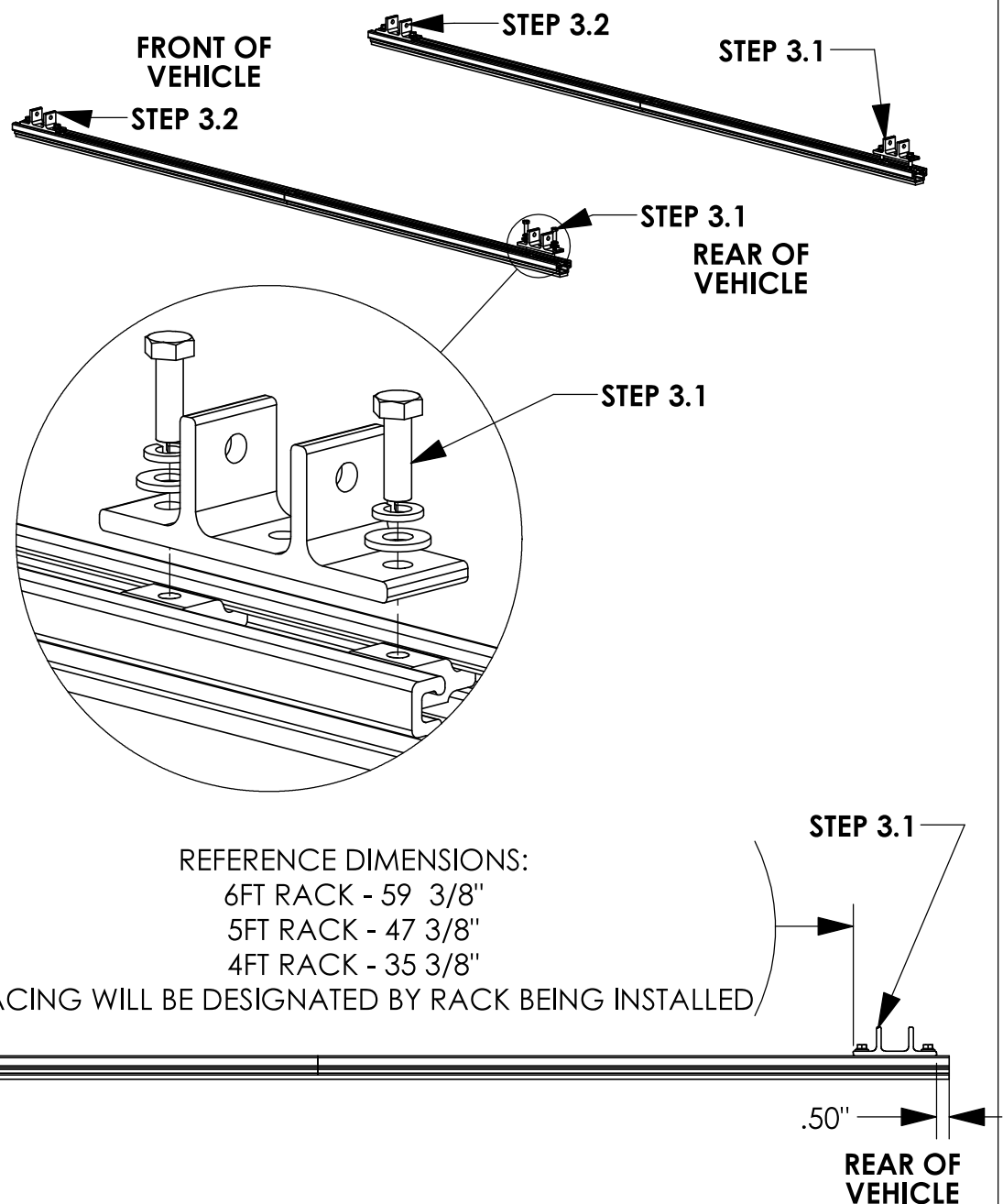
FAS0597, FAS0552,  
FAS0588, 63490 ON  
REAR MOUNTING FEET

(02 PLACES PER  
MOUNTING FOOT)  
1/2" SOCKET

**STEP 3.2****LEAVE LOOSE UNTIL  
AFTER STEP 4**

FAS0597, FAS0552,  
FAS0588, 63490 ON  
FRONT MOUNTING  
FEET

(02 PLACES PER  
MOUNTING FOOT)  
1/2" SOCKET

**CROSSBOW POSITIONING NOTES:****HD UTILITY RACK -**

REAR CROSSBOW - REARWARD AS POSSIBLE  
FRONT CROSSBOW- POSITION TO BEST FIT END USER'S PRODUCT

**GRIP LOCK/PROLIFT LADDER RACKS -**

1/2" FROM END OF RAIL UNLESS OTHERWISE STATED IN RESPECTIVE  
INSTRUCTION FOR CROSSBOW PLACEMENT.

**STEP 4 - ASSEMBLE MOUNTING BRACKETS TO MOUNTING ARMS**

**BEFORE PROCEEDING WITH THIS STEP FINISH ASSEMBLING ACCESSORIES ONTO RACK. (IE GRIP LOCK, PROLIFT, ETC)**

**STEP 4.1****FULLY TIGHTEN**

FAS0243, FAS0552,  
FAS0861

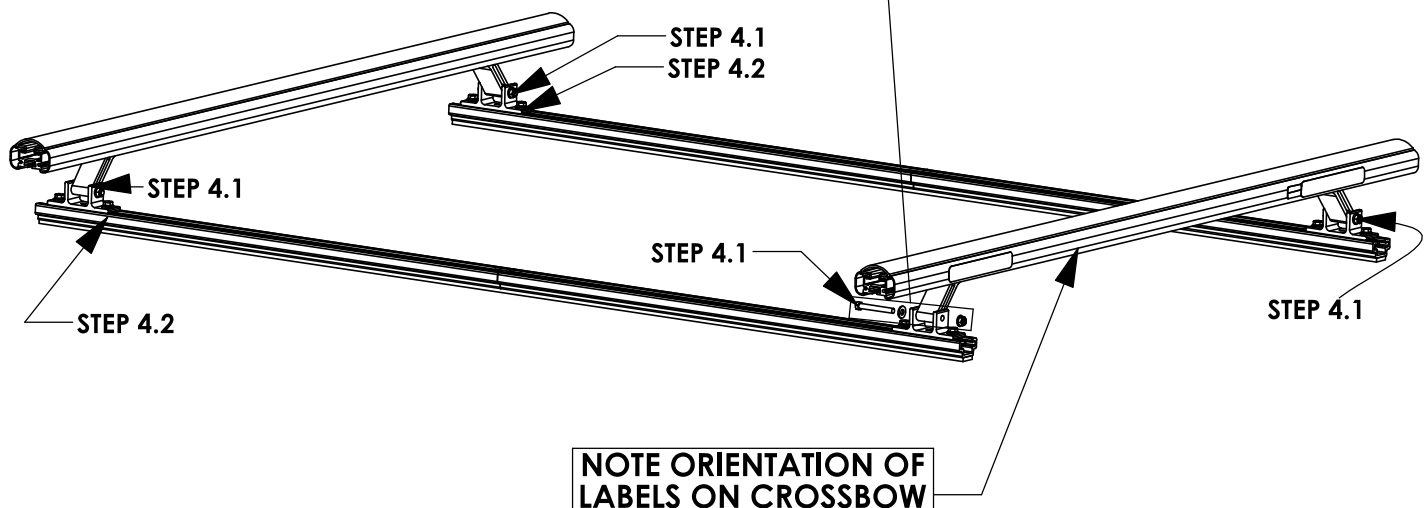
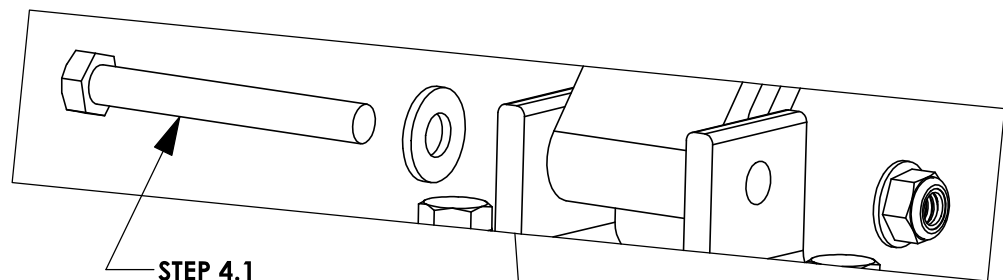
(02 PLACES PER  
CROSSBOW)

1/2" SOCKET  
1/2" WRENCH

**STEP 4.2****FULLY TIGHTEN**

FAS0597, FAS0552,  
FAS0588, 63490 ON  
FRONT MOUNTING  
FEET

(02 PLACES PER  
MOUNTING FOOT)  
1/2" SOCKET



**REFERENCE - NO ACCESSORIES SHOWN**

## STEP 5 - ADJUST MOUNTING BRACKET LOCATION IF NECESSARY

### CROSSBOW POSITIONING NOTES:

#### HD UTILITY RACK -

REAR CROSSBOW - REARWARD AS POSSIBLE

FRONT CROSSBOW- POSITION TO BEST FIT END USER'S PRODUCT

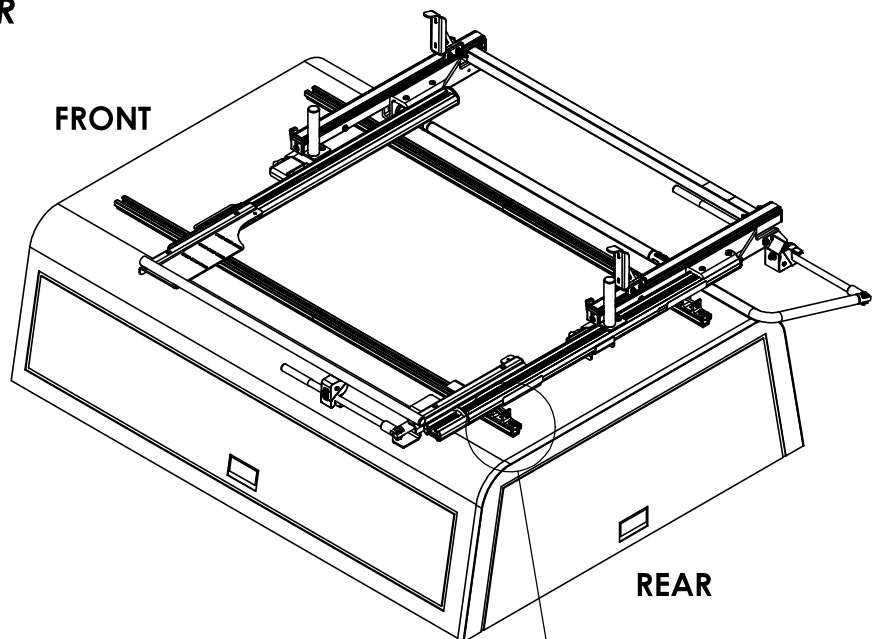
#### GRIP LOCK/PROLIFT LADDER RACKS -

1/2" FROM END OF RAIL UNLESS OTHERWISE STATED IN RESPECTIVE INSTRUCTION FOR CROSSBOW PLACEMENT.

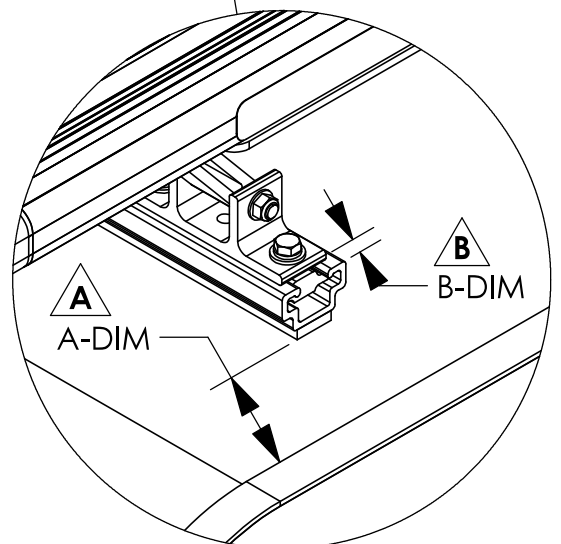
### 6' ARE TOPPER / 8' LEER TOPPER

**A** OPTIMAL RAIL KIT POSITION:  
TOPPER ROOF RAIL KIT END TO BE  
A-DIM FROM BLACK TOPPER TRIM

**B** UTILITY MOUNTING BRACKET:  
REAR MOUNTING BRACKETS WILL  
BE B-DIM FROM THE END OF THE  
ROOF RAIL KIT



TOPPER/ DIMENSION	6' ARE TOPPER	8' LEER TOPPER
A-DIM	3.00"	1.00"
B-DIM	0.50"	0.50"



#### NOTE:

IF RAILS HAVE BEEN PREVOIUSLY INSTALLED, LOOSEN TOPPER RAIL BRACKET RAIL SLIDES AND ADJUST TO MEET DESIRED POSITIONING

INSTALLATION IS COMPLETE!! MAKE SURE ALL FASTENERS ARE TIGHTENED

**FORD TRANSIT LOW ROOF**  
**POSITION UPDATES PER**  
**DEVIATION #1172 ON NEXT**  
**TWO PAGES**

INSTR.  
NUMBER : **INS76139**

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

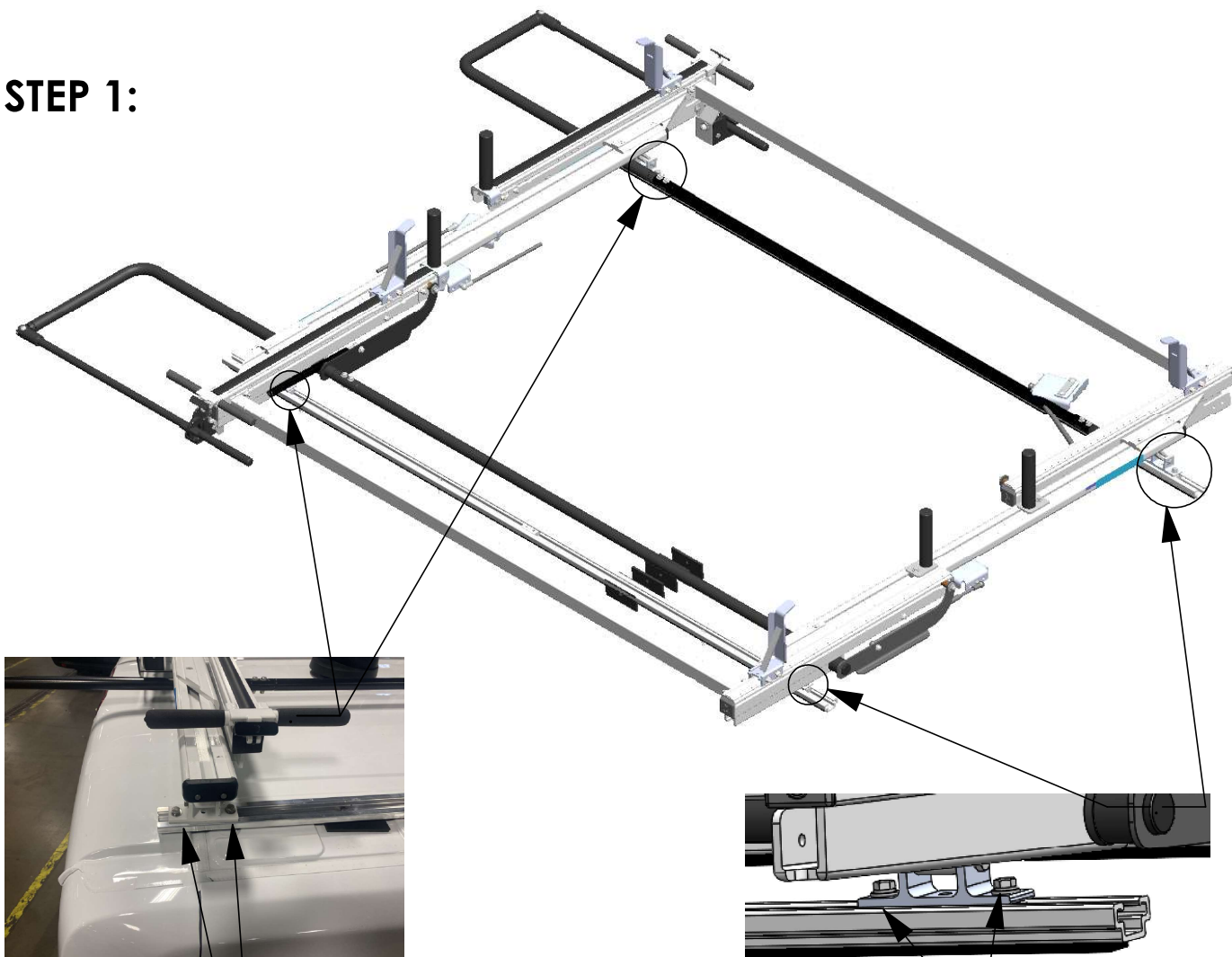
**TOOLS NEEDED:**

- SOCKET WRENCH  
(OR 1/2" WRENCH)
- 1/2" SOCKET
- TAPE MEASURE

(POWER TOOLS NOT  
RECOMMENDED)

## ProLift LADDER RACK OPTIMAL ADJUSTMENT INSTRUCTIONS:

### STEP 1:



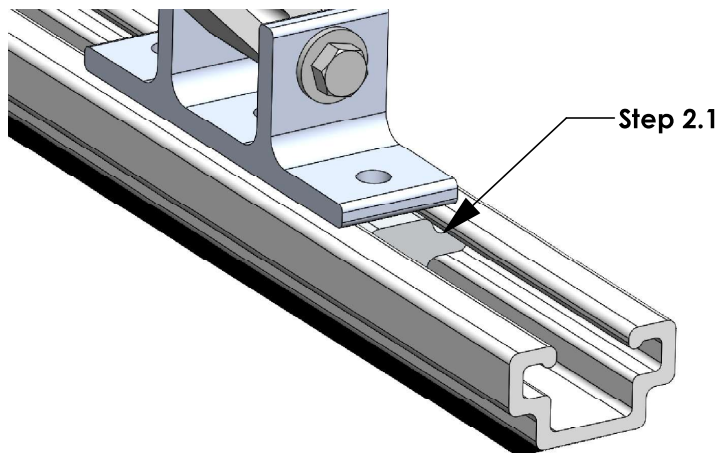
**Step 1.1**  
**LOOSEN 5/16"**  
**BOLTS**  
**(2 PLACES, BOTH**  
**REAR CORNERS)**  
**1/2 WRENCH OR**  
**1/2 SOCKET**

**SAVE FASTENERS**

**Step 1.2**  
**FULLY REMOVE**  
**5/16" BOLTS**  
**AND WASHERS**  
**(2 PLACES, BOTH**  
**FRONT**  
**CORNERS)**  
**1/2 WRENCH OR**  
**1/2 SOCKET**

**STEP 2 & 3 - CHANGING POSITION OF LADDER RACK**

**Step 2.1**  
**WITH BOLTS**  
**REMOVED, MOVE**  
**FRONT FOUR SLIDES**  
**(2 PER CORNER) TO**  
**DESIRED LOCATION**



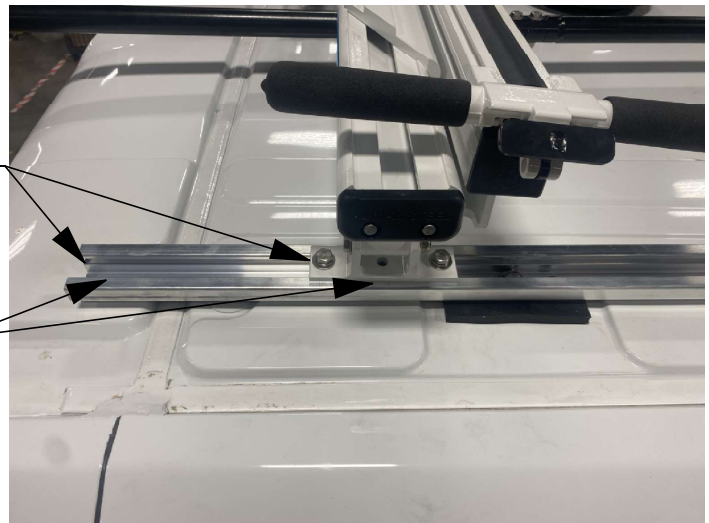
FRONT



**BEFORE ADJUSTING**  
**POSITION, CHECK**  
**WIRING TO ENSURE**  
**ELECTRICAL**  
**COMPONENTS DO**  
**NOT INTERFERE WITH**  
**ADJUSTMENT**

**Step 2.2**  
**ONCE ALL BOLTS**  
**ARE LOOSENED,**  
**SLIDE LADDER**  
**RACK FORWARD**  
**TO DESIRED**  
**LOCATION.**  
**\*ALIGN WITH**  
**FRONT SLIDES\***  
**(CONFIRM WITH**  
**TAPE MEASURE)**

7.5"  
 Step 2.2



REAR

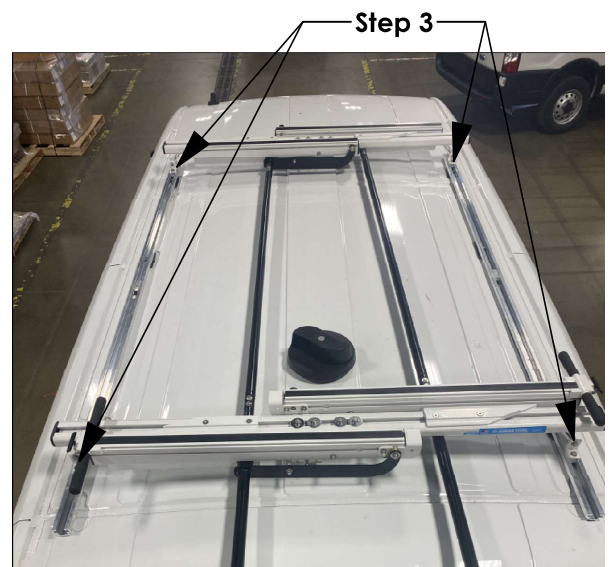
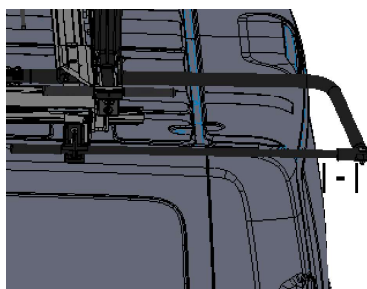
**Step 2.3**  
**CHECK**  
**CLEARANCE OF**  
**REAR DROP-**  
**DOWN HANDLE,**  
**(TARGET MINIMUM**  
**CLEARANCE OF 2"**  
**FOR BOTH**  
**HANDLES)**



Step 2.3

**Step 3**  
**RE-INSERT FRONT**  
**FASTENERS SAVED**  
**FROM STEP 1.2.**  
**FULLY TIGHTEN ALL**  
**BOLTS TO LOCK IN**  
**PLACE.**

**1/2" SOCKET OR**  
**WRENCH**

**ADJUSTMENT COMPLETE**



## 2-Crossbar Kit, 58", White, Minivan



PRODUCT WEIGHT

**16.1 LBS**

CROSSBOW LENGTH X  
HEIGHT

**59" x 2"**

CAPACITY

**REFER TO OEM'S  
RECOMMENDED LOAD  
RATING**

COLOR

**WHITE**

CATALOG NUMBER

**2BARCW**

### PRODUCT FEATURES

Aluminum base 2-crossbow kit for PROFILE™ HD Utility, grip lock, drop down, or combo ladder racks. Works with all compact van platforms for each respective wheelbase and Ford Transit Ship Thru. Works with and without OEM specific rail kit and generic mounting bracket kits.

Optional uprights and conduit kits available.

Please refer to OEM specific mounting kit or rail kit for additional information on compatible accessories.



# INSTALLATION GUIDE FOR PROFILE™ SERIES LADDER RACKS

INSTRUCTION #:  
**68895**

REV:  
**B**

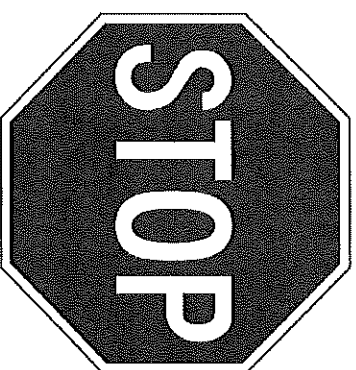
THIS INSTRUCTION PROVIDES A GENERAL GUIDE OF INSTALLATION SEQUENCE FOR ALL PROFILE™ SERIES LADDER RACKS. PLEASE ENSURE ALL ACCESSORIES ARE INSTALLED PER TYPE OF RACK BEFORE PROCEEDING TO NEXT PAGE.

REFERENCE THIS INSTRUCTION THROUGHOUT THE ENTIRETY OF YOUR INSTALL TO PREVENT ACCESSORIES BEING INSTALLED INCORRECTLY/OUT OF SEQUENCE!

STEPS 21 - 81 ON PAGE 3 IS THE RECOMMENDED ASSEMBLY SEQUENCE FOR A FULL TABLE ASSEMBLY BEFORE INSTALLING ON THE ROOF OF THE VEHICLE.

STEPS 2R - 8R ON PAGE 4 IS AN ALTERNATE ASSEMBLY SEQUENCE TO INSTALL THE RACK ON THE VEHICLE ROOF AS IT IS BUILT.

PLEASE SELECT THE ASSEMBLY SEQUENCE THAT BEST WORKS FOR YOU!



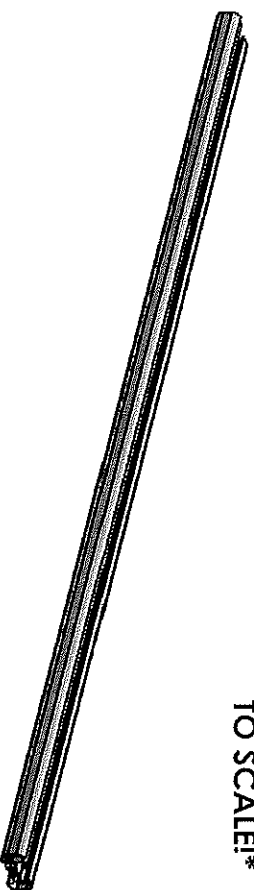
## ASSEMBLY STEPS:

**STEP 1A. SUB-ASSEMBLE EACH CROSSBOW WITH DESIRED ACCESSORIES FOR SECTIONS A.1 & A.2.**

*INSTRUCTIONS FOR EACH KIT CAN BE FOUND IN THEIR RESPECTIVE CARTON!*

**TOP OF CROSSBOW** \*IMAGE NOT TO SCALE!

**BOTTOM OF CROSSBOW**



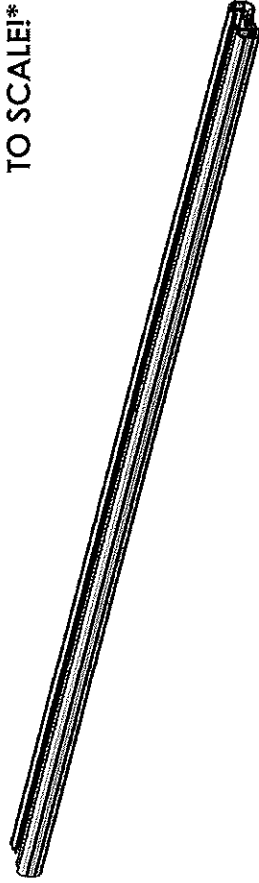
**TABLE 1**

TOP OF CROSSBOW		
COMPONENTS TO INSTALL		
A.1	HD UTILITY	- CONDUIT KIT OR BEACON
	Grip-Lock	- CONDUIT KIT OR BEACON
	Prolift	- CONDUIT KIT OR BEACON
BOTTOM OF CROSSBOW		
COMPONENTS TO INSTALL		
A.2	HD UTILITY	- LADDER STOP, STROBE BRACKET, AND/OR REAR ROLLER
	Grip-Lock	- Grip-Lock SUB-ASSEMBLY
	Prolift	- DAMPER BRACKET

**STEP 1B. SUB-ASSEMBLE EACH CROSSBOW WITH DESIRED ACCESSORIES FOR SECTIONS B.1 & B.2. INSTRUCTIONS FOR EACH KIT CAN BE FOUND IN THEIR RESPECTIVE CARTON!**

**TOP OF CROSSBOW**

**\*IMAGE NOT TO SCALE!\***



**BOTTOM OF CROSSBOW**

**TABLE 2**

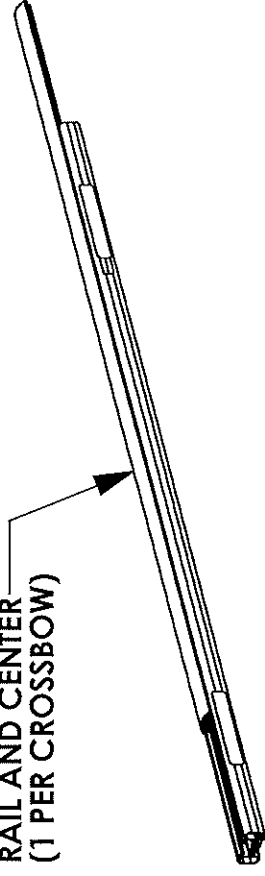
TOP OF CROSSBOW	
	COMPONENTS TO INSTALL
B.1	HD UTILITY - WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	Grip-Lock - WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	ProLift - INNER STOP POST
BOTTOM OF CROSSBOW	
	COMPONENTS TO INSTALL
B.2	HD UTILITY - MOUNTING BRACKETS
	Grip-Lock - MOUNTING BRACKETS
	ProLift - MOUNTING BRACKETS

**ALTER WEAR STRIP AND INSTALL ON CROSSBOW (IF APPLICABLE)! REFERENCE TABLE 3 BELOW FOR WEAR STRIP ALTERATION INSTRUCTIONS!**

**TABLE 3**

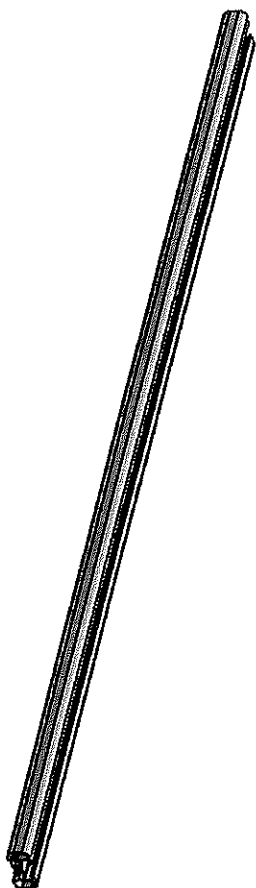
ADDED ACCESSORIES	ALTERATION FOR WEAR STRIP
4" UPRIGHT***	REMOVE 2" FROM END OF WEAR STRIP
4" PVC CONDUIT KIT	REMOVE 7.25" FROM CENTER OF WEAR STRIP
6" PVC CONDUIT KIT	REMOVE 9.50" FROM CENTER OF WEAR STRIP
ALUMINUM BOX CONDUIT KIT	REMOVE 13.25" FROM CENTER OF WEAR STRIP
BEACON	REMOVE 4" FROM CENTER OF WEAR STRIP
ProLift (SINGLE SIDE)	CUT WEAR STRIP IN HALF, DO NOT INSTALL ON ProLift SIDE
ProLift (DUAL SIDE)	DO NOT INSTALL WEAR STRIP

**SLIDE WEAR STRIP INTO RAIL AND CENTER (1 PER CROSSBOW)**



**STEP 1C SUB-ASSEMBLE EACH CROSSBOW WITH  
DESIRED ACCESSORIES FOR SECTIONS C.1 & C.2**

**TOP OF CROSSBOW**  
**\*IMAGE NOT  
TO SCALE\***



**BOTTOM OF CROSSBOW**

**TABLE 4**

TOP OF CROSSBOW		
COMPONENTS TO INSTALL		
	HD UTILITY	- 4" UPRIGHT
C.1	Grip-Lock	- N/A
	Prolift	- SLIDES FOR BASE EXTRUSION
BOTTOM OF CROSSBOW		
COMPONENTS TO INSTALL		
	HD UTILITY	- UPRIGHTS (6", 9", RATCHET)
C.2	Grip-Lock	- STROBES
	Prolift	- STROBES

**ASSEMBLY STEPS (FULL BENCH ASSEMBLY):**

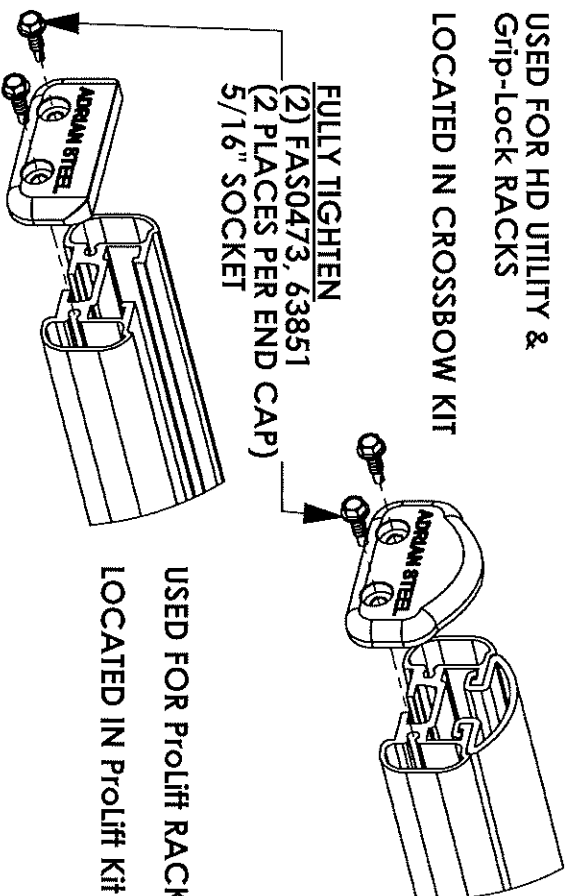
- 2T. ADD DRIVELINES (IF INSTALLING Prolift)
- 3T. ADD HANDLES (IF INSTALLING Grip-Lock OR Prolift) AND DAMPERS (IF INSTALLING Prolift)
- 4T. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR Prolift)
- 5T. ADD STEP LADDER KIT (Grip-Lock OR Prolift ONLY)

- 6T. ASSEMBLE ENDS CAPS TO CROSSBOW

USED FOR HD UTILITY &  
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT

FULLY TIGHTEN  
(2) FAS0473, 63851  
(2 PLACES PER END CAP)  
5/16" SOCKET



USED FOR Prolift RACKS  
LOCATED IN Prolift Kit

- 7T. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS

(ROOF RAIL KIT REQUIRED FOR Grip-Lock & Prolift  
OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER  
RACKS)

- 8T. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO  
VEHICLE/MOUNTING BRACKET, OR ROOF RAIL  
(LOOSE INSTALL)

**ALTERNATE ASSEMBLY METHOD!**  
**(ASSEMBLE ON VEHICLE ROOF):**

2R. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS

(ROOF RAIL KIT REQUIRED FOR Grip-Lock & ProLift, OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER RACKS)

3R. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO VEHICLE/MOUNTING BRACKET, OR ROOF RAIL (LOOSE INSTALL)

4R. ADD DRIVELINES (IF INSTALLING ProLift)

5R. ADD HANDLES (IF INSTALLING Grip-Lock OR ProLift) AND DAMPERS (IF INSTALLING ProLift)

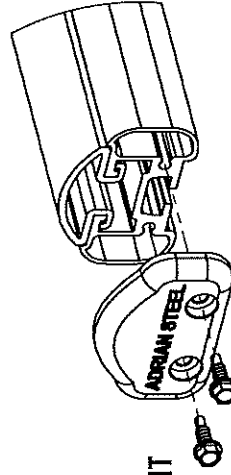
6R. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)

7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

8R. ASSEMBLE END CAPS TO CROSSBOW

USED FOR HD UTILITY &  
Grip-Lock RACKS

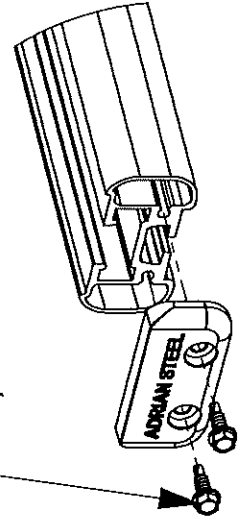
LOCATED IN CROSSBOW KIT



FULLY TIGHTEN

(2) FAS0473, 63851

(2 PLACES PER END CAP)  
5/16" SOCKET



USED FOR ProLift RACKS  
LOCATED IN ProLift Kit