# Mounting Bracket Kit, 4-Pack, White, Transit Connect

**PRODUCT WEIGHT**
**2.9 LBS**

***HEIGHT OFF ROOF***

**SEE TABLE BELOW**

***CAPACITY***

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

***COLOR***

**WHITE**

***CATALOG NUMBER***

**TCMBK4W**

***PRODUCT FEATURES***

**Ford Transit Connect aluminum mounting bracket kit for the PROFILE™ HD Utility Rack. Mounting kit works for both 105" and 120" wheelbase vehicles. Can be mounted to any OEM mounting locations to best fit customer's product.**

**Does not work with grip lock or drop down style racks.**

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



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ADRIAN STEEL
Cargo Management Solutions for Commercial Vehicles

*CATALOG NUMBER* **TCMBK4W**

## *PRODUCT APPLICATION*

**This product is designed to be installed on Ford Transit Connect vans.**

## *ACCESSORIES THAT WILL WORK WITH THIS PRODUCT*

| CATALOG NUMBER | DESCRIPTION | CATALOG NUMBER | DESCRIPTION |
|---|---|---|---|
| TCMBK2W | Mounting Bracket Kit, 2-Pack, White, Transit Connect | 4UPK4B | 4” Upright Kit, 4-Pack, Black |
| 2BARCW | 2-Crossbar Kit, 58”, White, Minivan | 4UPK2B | 4” Upright Kit, 2-Pack, Black |
| 1BARCW | Single Crossbar Kit, 58”, White, Minivan | 6UPK4B | 6” Upright Kit, 4-Pack, Black |
| 70-1NGLR | 4” End Cap for PVC Conduit | 6UPK2B | 6” Upright Kit, 2-Pack, Black |
| 70-2NGLR | 6” End Cap for PVC Conduit | 9UPK4B | 9” Upright Kit, 4-Pack, Black |
| | | 9UPK2B | 9” Upright Kit, 2-Pack, Black |
| | | RSK1B | Single Ratchet Upright Kit, 9” |
| | | ULSKB | Single Ladder Stop Kit |

## *LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE*

| CONFIGURATION | RACK HEIGHT |
|---|---|
| Base Rack | 4.8” |
| Base + Ladder Stop | 10.3” |
| Base + 4” Uprights | 8.3” |
| Base + 6” Uprights | 10.3” |
| Base + 9”/Ratchet Uprights | 13.3” |
| Base + 4” PVC Conduit Kit | 9.2” |
| Base + 6” PVC Conduit Kit | 11.2” |
| Base + Aluminum Box Conduit Kit | 11.3” |


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| INSTR. NUMBER : 64473 | PG: 1 | REV: C |
|---|---|---|

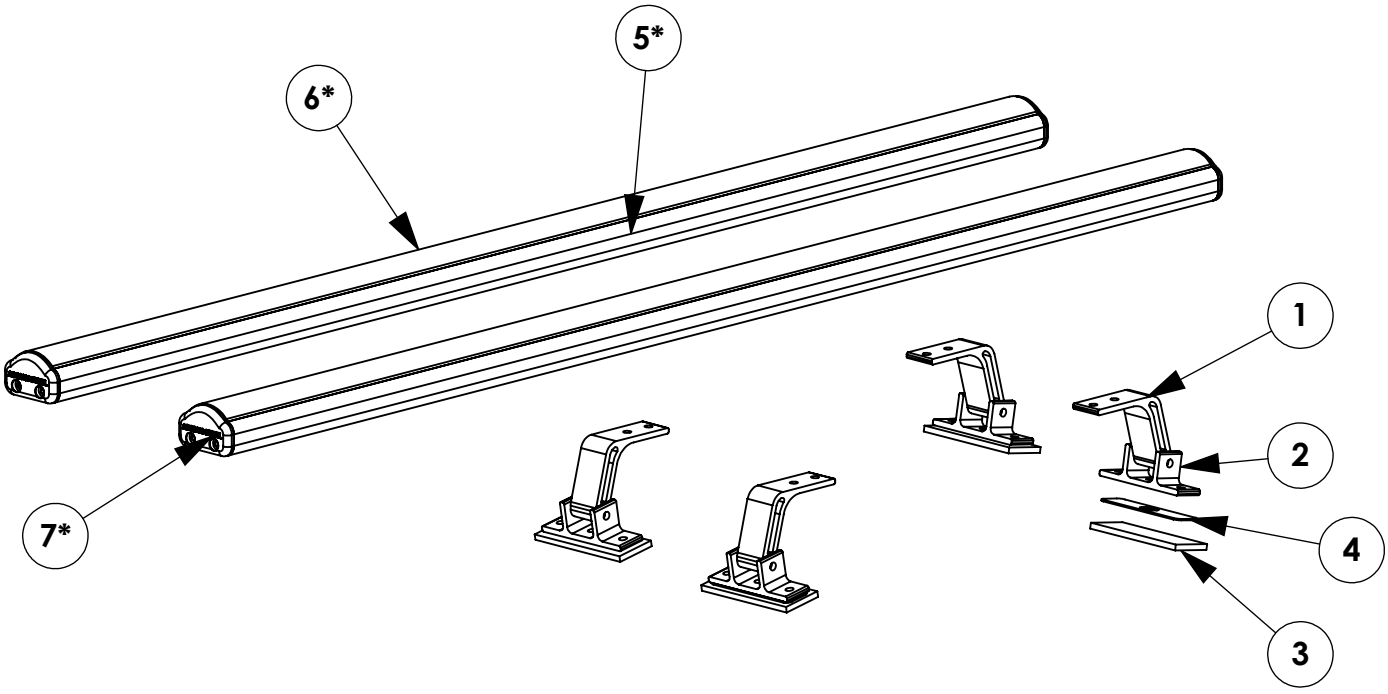
PART NUMBER : TCMBK4W 2BARCW

PART DESC. : TC MOUNTING BRKT KIT 4,W 2BAR UTILITY RACK, CV, W

**NOTE: THIS ASSEMBLY INSTRUCTION IS VALID FOR ANY NUMBER OF TCMBK.**

**ITEMS NOTED (#*) ARE PART OF 2BARCW.**

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|---|---|---|---|
| 1 | 63853-W | UTILITY, MOUNTING ARM, W | 4 |
| 2 | 63852-W | UTILITY, MOUNTING BRKT, W | 4 |
| 3 | 47106 | GASKET,FOOT,MR TRANS L/R | 4 |
| 4 | 64930 | UTILITY, TRANS CON SPACER | 2 |
| 5* | 63915-W | UTILITY, CROSSBOW, 58", W | 2 |
| 6* | 63914 | UTILITY, WEAR STRIP, 58" | 2 |
| 7* | 63851 | UTILITY RCK,END CAP,BLACK | 4 |



## *BEST PRACTICES*

**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.

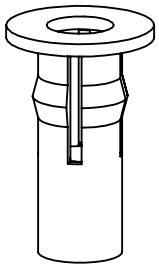
**PROVIDE CLEARANCE FOR SPACERS** - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

**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.

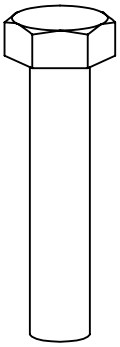
**PLUSNUT INSTALLATION** - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

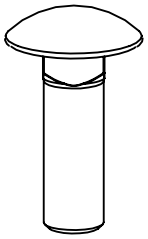
# *FASTENERS USED*



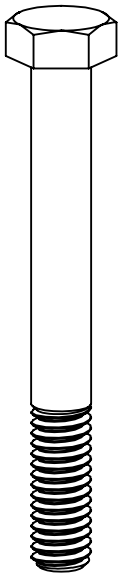
**FAS0091**
**5/16-18 PB**
**PLUSNUT**
**QTY: 4**



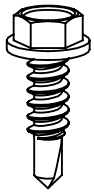
**FAS0242**
**5/16-18X1.5 SS**
**HH SCREW**
**QTY: 4**



**FAS0398**
**5/16-18X1.0 SS**
**CRG BOLT**
**QTY: 8**

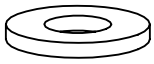


**FAS0427**
**5/16-18X2.75 SS**
**HH SCREW**
**QTY: 4**

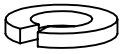


**FAS0473**
**12x.75 ZN/NI PLATED**
**HH TEK SCREW**
**QTY: 8**

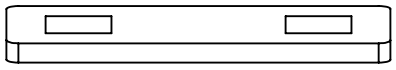
**FAS0248**
**5/16-18 SS**
**NLK HEX NUT**
**QTY: 12**



**FAS0552**
**5/16 SS**
**FLAT WASHER**
**QTY: 20**



**FAS0588**
**5/16 SS**
**SPLIT WASHER**
**QTY: 4**

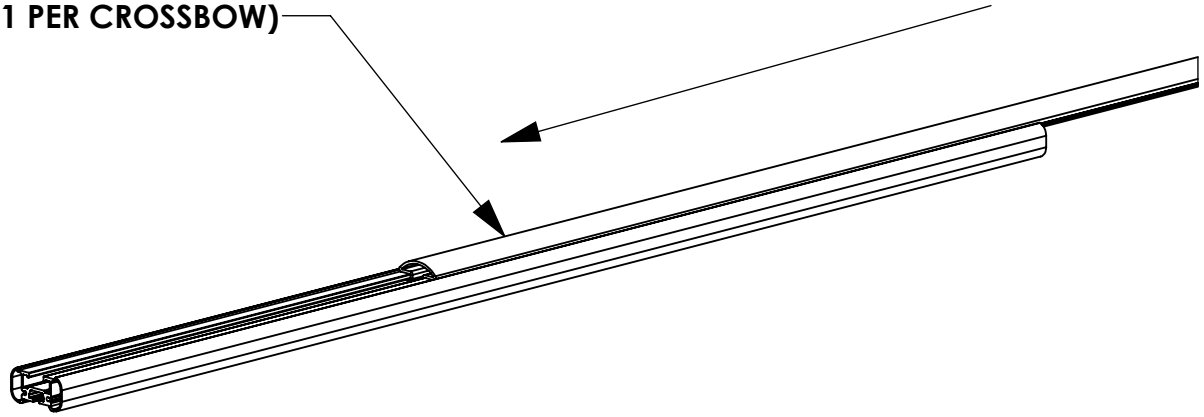


**63934**
**UTILITY,**
**BOLT PLATE**
**QTY: 4**

## *BEGIN ASSEMBLY*
## *STEP 1 - ADD WEAR STRIPS*

**IF A CONDUIT KIT OR LADDER RACK ACCESSORY IS PRESENT, CHECK FOR ALTERATION INSTRUCTIONS NOW.**

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



## *STEP 2 - INSTALL ACCESSORY SLIDES*

**CHECK FOR A MOUNTING BRACKET OR LADDER RACK ACCESSORY KIT FOR SLIDES.**

**63934, (2)FAS0398**
**(2 PLACES FOR MOUNTING BRACKETS)**

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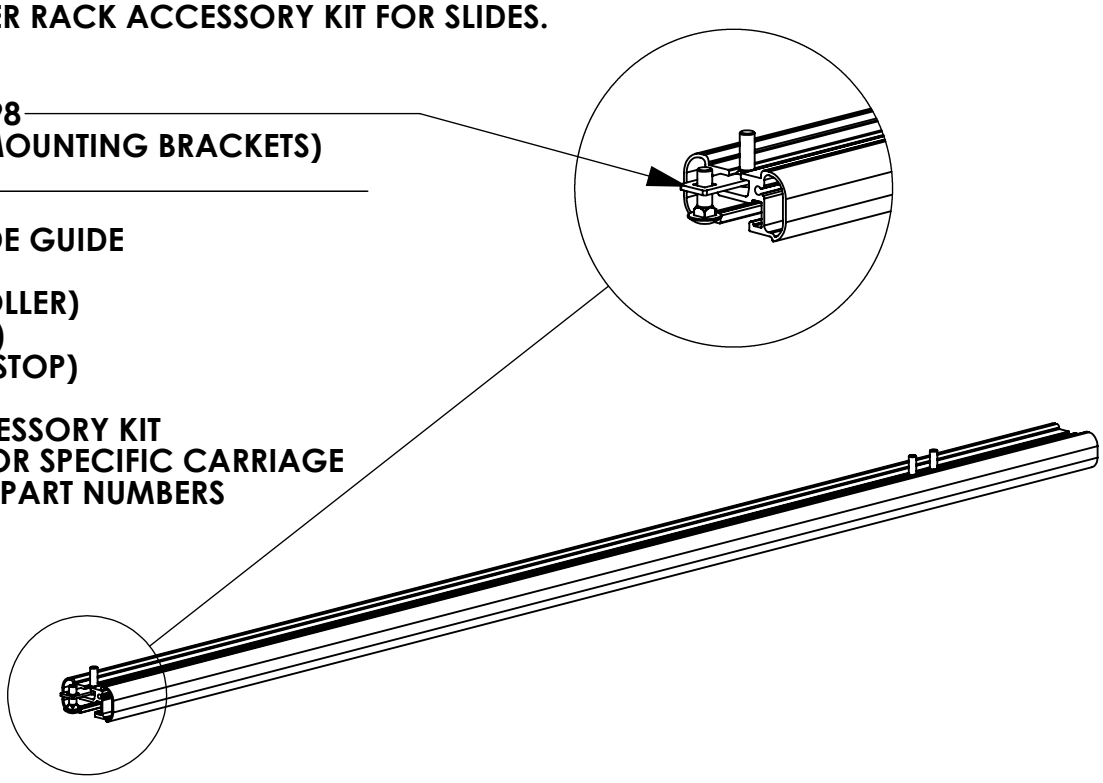
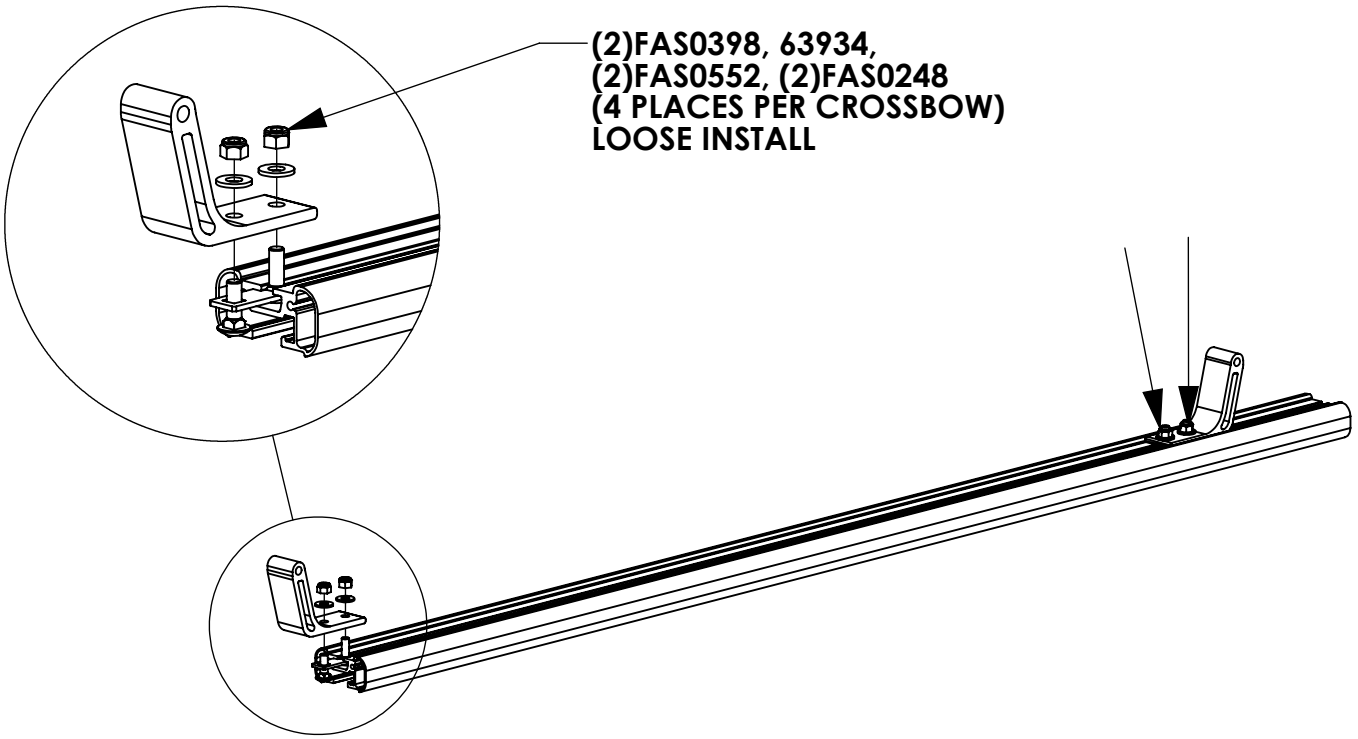
**ADDITIONAL SLIDE GUIDE**

**(+2 FOR REAR ROLLER)**
**(+1 PER UPRIGHT)**
**(+1 PER LADDER STOP)**

**REFERENCE ACCESSORY KIT INSTRUCTIONS FOR SPECIFIC CARRIAGE BOLT AND PLATE PART NUMBERS**



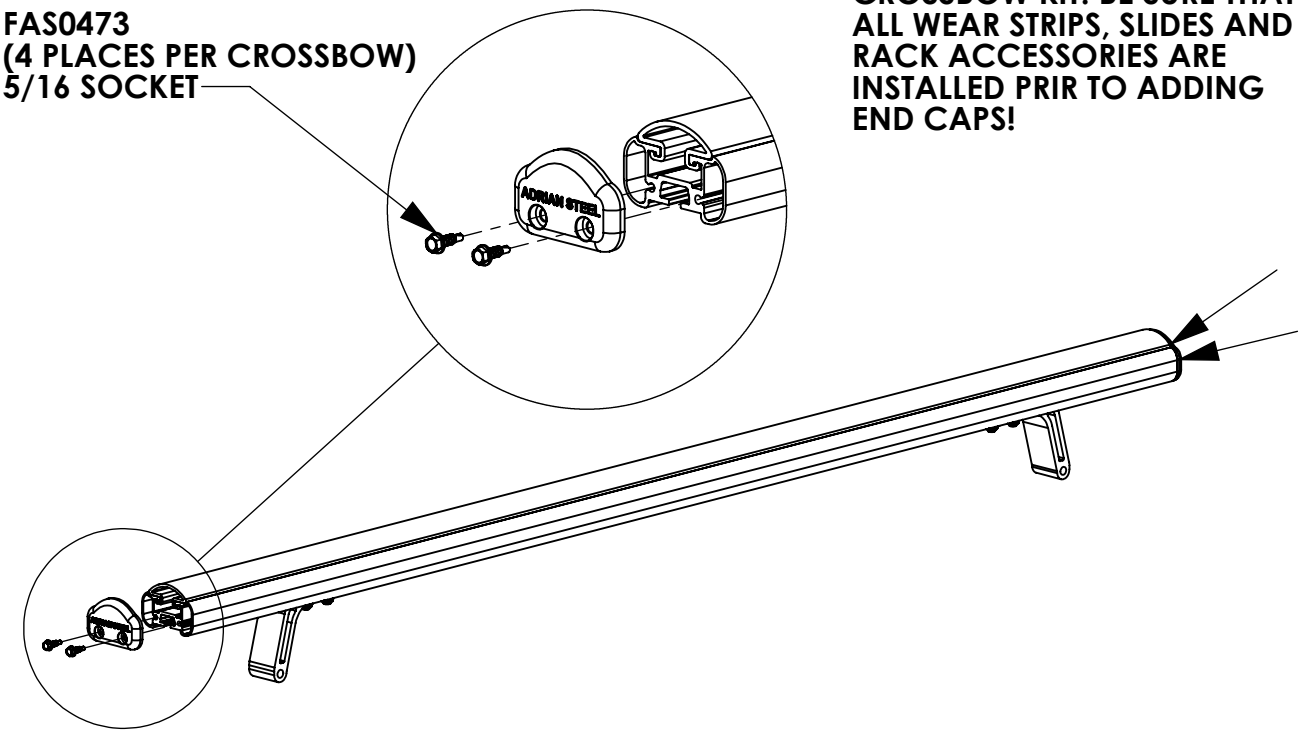
## *STEP 3 - ASSEMBLE MOUNTING BRACKETS TO CROSSBOW*



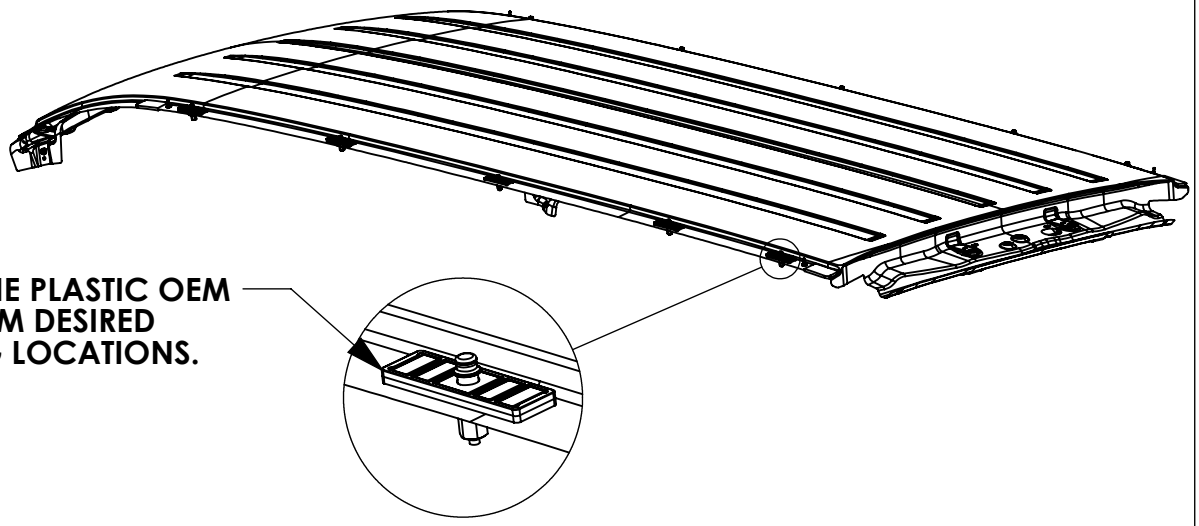

## *STEP 4 - ASSEMBLE END CAPS TO CROSSBOW*

**FAS0473**
**(4 PLACES PER CROSSBOW)**
**5/16 SOCKET**

**THESE END CAPS COME IN THE CROSSBOW KIT. BE SURE THAT ALL WEAR STRIPS, SLIDES AND RACK ACCESSORIES ARE INSTALLED PRIR TO ADDING END CAPS!**



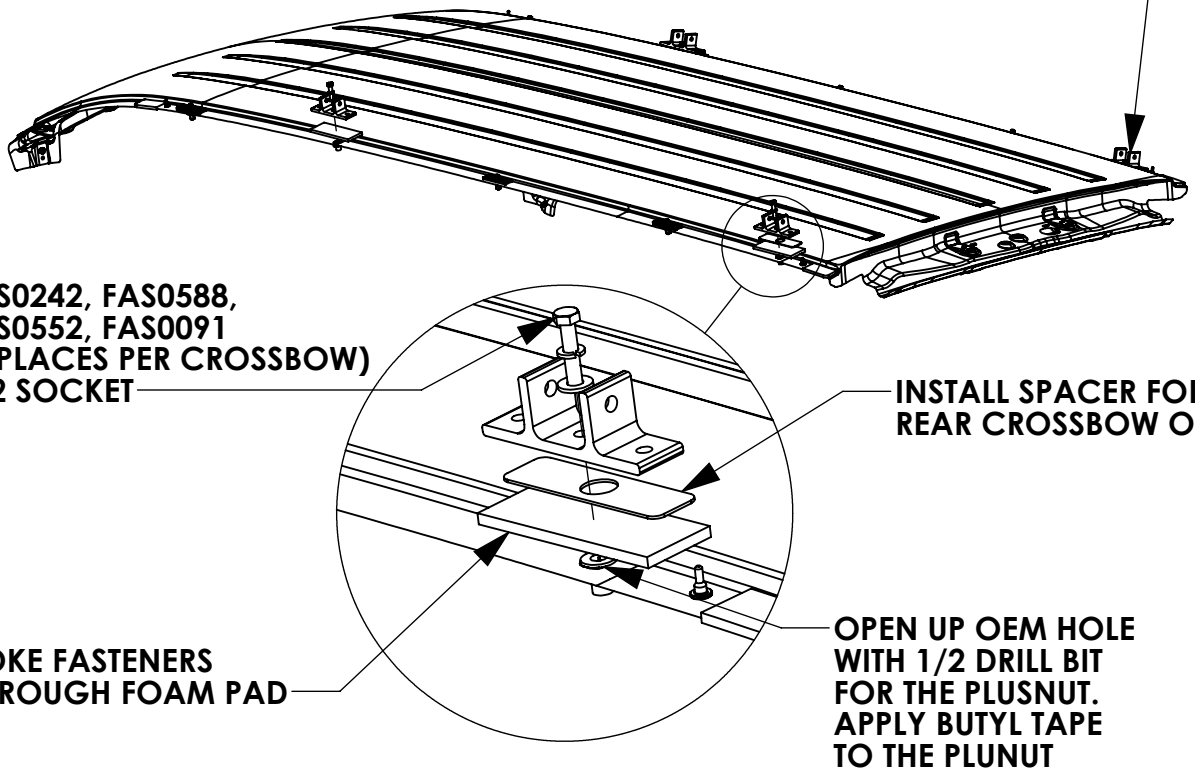
## *STEP 5 - PREP VAN ROOF*



**REMOVE THE PLASTIC OEM PLUGS FROM DESIRED MOUNTING LOCATIONS.**

## *BEGIN INSTALLATION*
## *STEP 6 - INSTALL MOUNTING BRACKETS TO VAN ROOF*

**MOUNT ONE CROSSBOW ON THE REARMOST LOCATION. MOUNT THE SECOND CROSSBOW BASED ON INVENTORY LENGTH.**



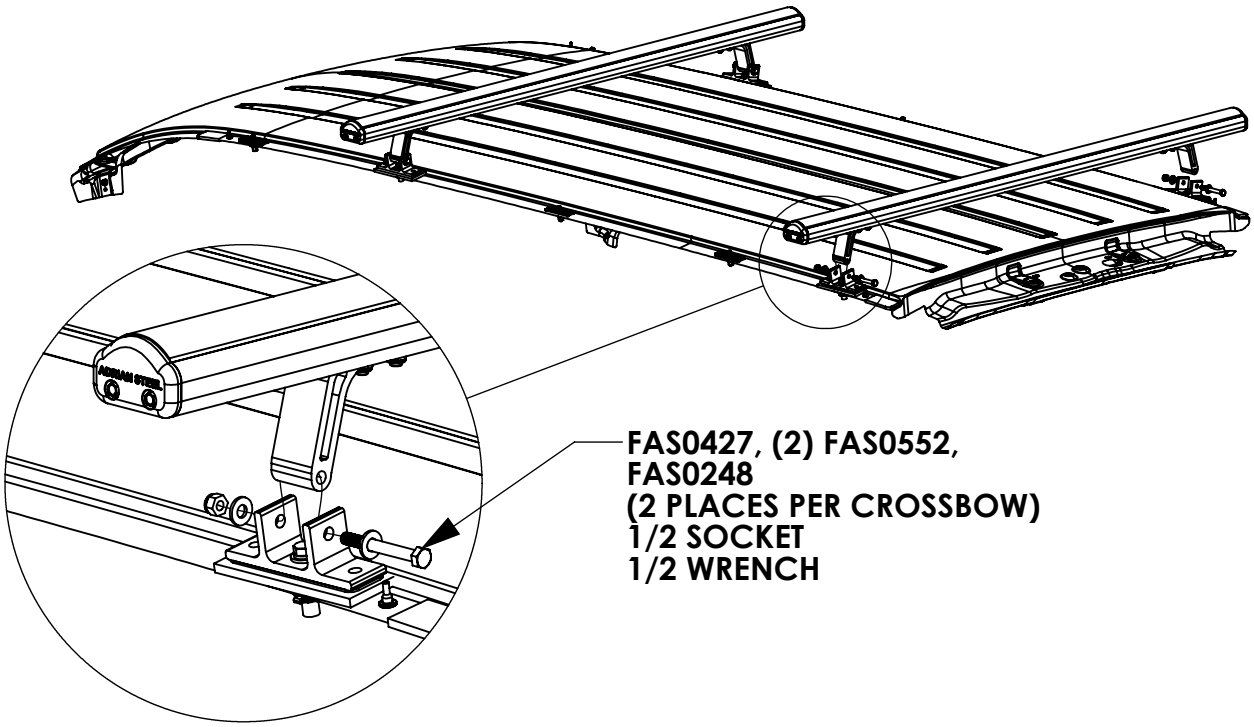
**FAS0242, FAS0588, FAS0552, FAS0091 (2 PLACES PER CROSSBOW) 1/2 SOCKET**

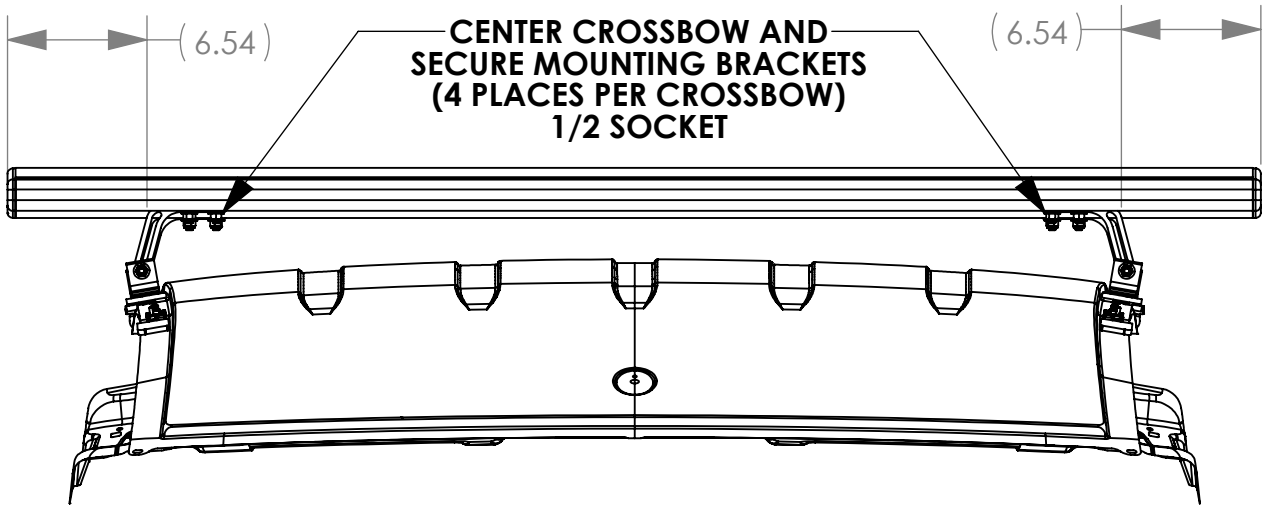
**INSTALL SPACER FOR REAR CROSSBOW ONLY!**

**POKE FASTENERS THROUGH FOAM PAD**

**OPEN UP OEM HOLE WITH 1/2 DRILL BIT FOR THE PLUSNUT. APPLY BUTYL TAPE TO THE PLUNUT BEFORE SETTING.**

## *STEP 7 - ATTACH CROSSBOW ASSEMBLY TO FEET*




## *STEP 8 - SECURE CROSSBOW*

**MEASURE TO OUTSIDE EDGE OF MOUNTING BRACKET**