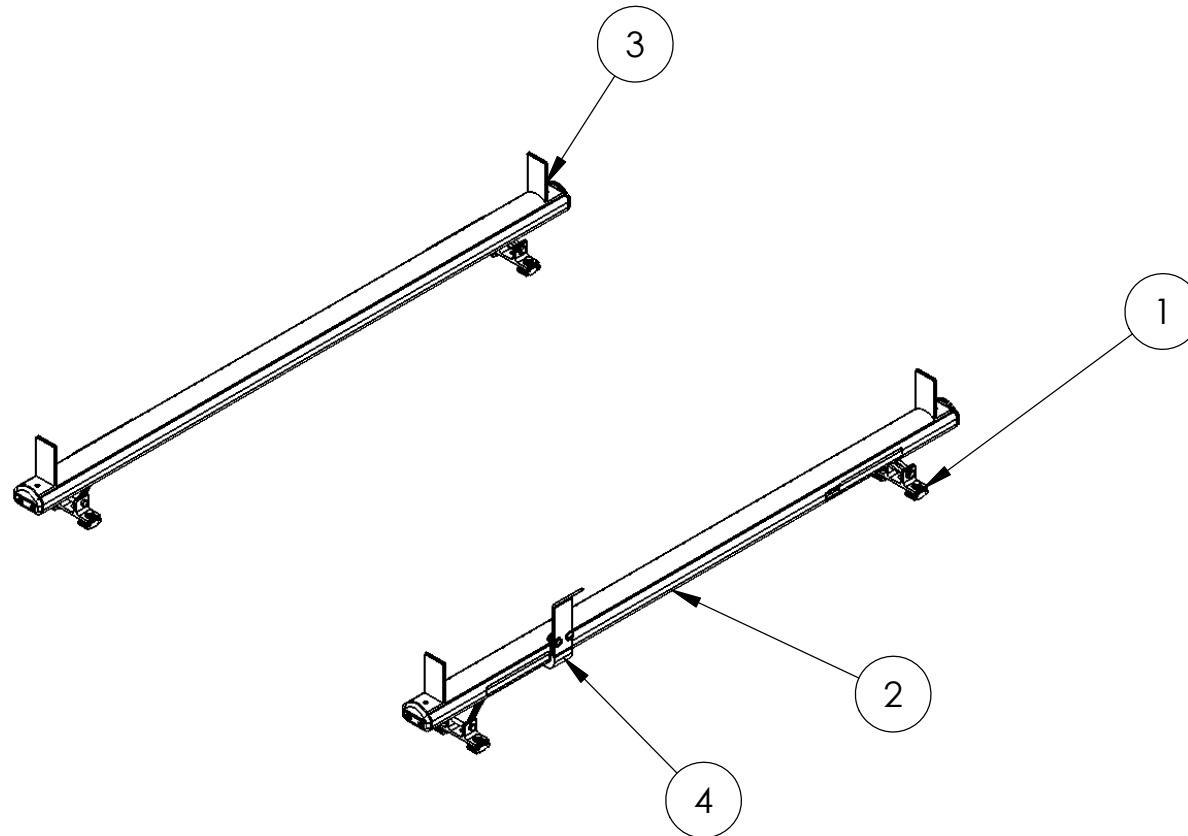


Note: Stow 4UPK4B and ULSKB if shipping by Rail



printed document is uncontrolled

**THIS WORK INSTRUCTION SHEET IS FOR PROCESS OPERATION REFERENCE ONLY! FOR COMPLETE DIMENSIONAL AND PROCESS REQUIREMENTS REFER TO THE PRODUCT PRINT(S) FOR THIS PART/ASSEMBLY.**

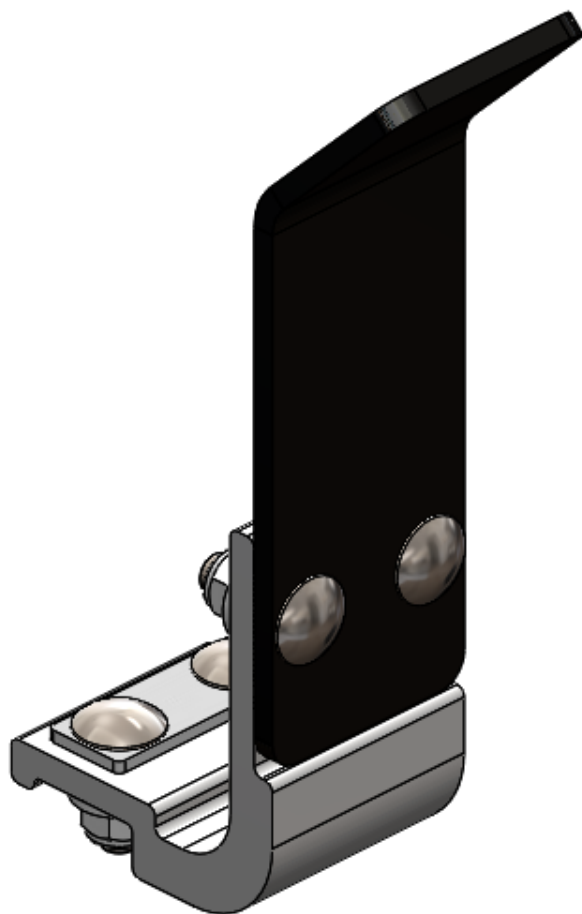
**THIS WORK INSTRUCTION SHEET IS NOT TO**

**WORK**



**ADRIAN STEEL®**

## Single Ladder Stop Kit



PRODUCT WEIGHT  
**1.3 LBS**

WIDTH x DEPTH x HEIGHT  
**2" x 1.8" x 6.3"**

CAPACITY  
**N/A**

COLOR  
**BLACK**

CATALOG NUMBER  
**ULSKB**

### PRODUCT FEATURES

Aluminum ladder stop kit with plastisol coating for PROFILE™ HD Utility and combo ladder racks. Works on all vehicle platforms. Works with all upright kits, conduit kits, and rear rollers.

Utility style ladder racks are not recommended for medium and high roof vehicles!

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

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

### PAGE 1 of 2

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**CATALOG NUMBER      ULSKB**

***PRODUCT APPLICATION***

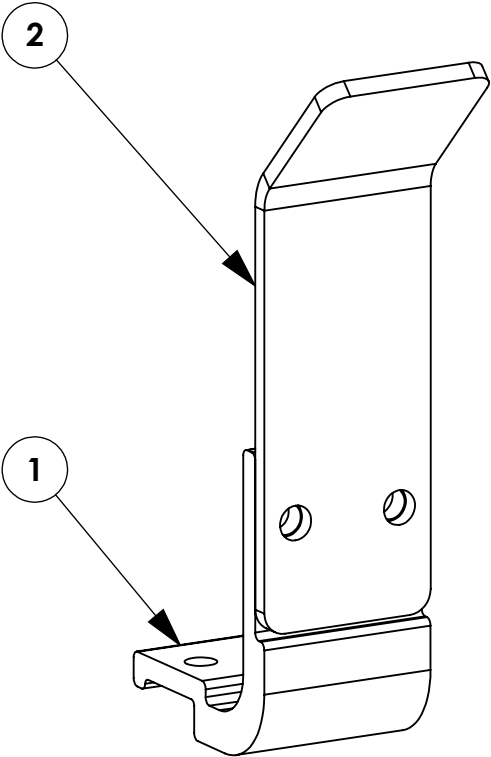
**This product is for PROFILE™ HD Utility and combo ladder racks.  
Works on all vehicle platforms. Utility style ladder racks are not  
recommended for medium or high roof vehicles!**

***ACCESSORIES THAT WILL WORK WITH THIS PRODUCT***

| <b><i>CATALOG NUMBER</i></b> | <b><i>DESCRIPTION</i></b>                             |
|------------------------------|-------------------------------------------------------|
| <b>2BARW</b>                 | <b>2-Crossbar Kit, 68", White, Full Size Van</b>      |
| <b>2BARCW</b>                | <b>2-Crossbar Kit, 58", White, Minivan</b>            |
| <b>1BARW</b>                 | <b>Single Crossbar Kit, 68", White, Full Size Van</b> |
| <b>1BARCW</b>                | <b>Single Crossbar Kit, 58", White, Minivan</b>       |

|                                          |                 |                  |             |                |                           |      |
|------------------------------------------|-----------------|------------------|-------------|----------------|---------------------------|------|
| INSTR.<br>NUMBER : <b>64337</b>          | PG:<br><b>1</b> | REV:<br><b>C</b> | ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION               | QTY. |
| PART<br>NUMBER : <b>ULSKB</b>            |                 |                  | 1           | 63854-W        | UTILITY,CONNECTING BRKT,W | 1    |
| PART<br>DESC. : UTILITY, LADDER STOP KIT |                 |                  | 2           | 63850-B        | UTILITY, LADDER STOP, B   | 1    |

**NOTE: THIS INSTRUCTION  
IS INTENDED TO BE USED  
WITH THE #BARW OR  
#BARCW UTILITY RACKS.**



**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.

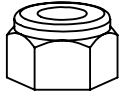
**PROVIDE CLEARANCE FOR SPACERS** - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

**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.

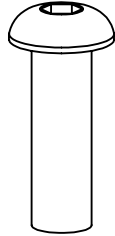
**PLUSNUT INSTALLATION** - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

***FASTENERS USED***



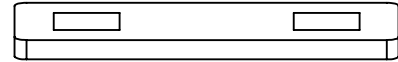
**FAS0248  
5/16-18 SS  
NLK HEX NUT  
QTY: 4**



**FAS0813  
5/16-18X1.0 SS  
BHCS SCREW  
QTY: 4**



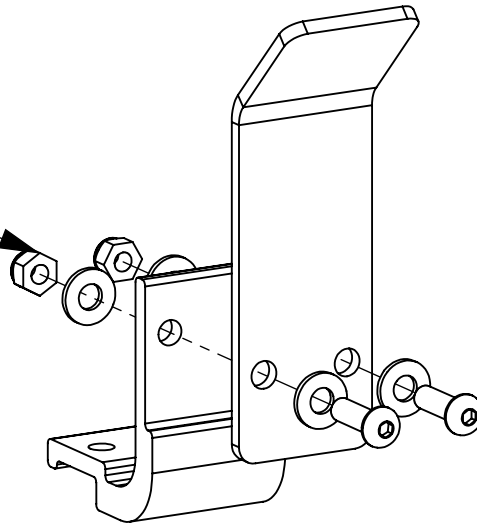
**FAS0552  
5/16 SS  
FLAT WASHER  
QTY: 4**



**63934  
UTILITY,  
BOLT PLATE  
QTY: 1**

**BEGIN ASSEMBLY**  
**STEP 1 - ASSEMBLE BRACKET**

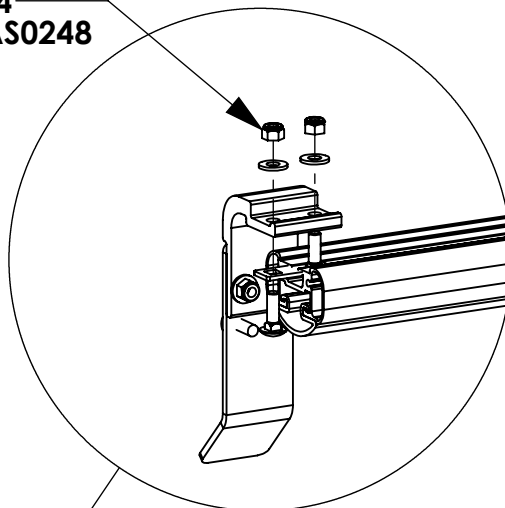
(2)FAS0813, (4)FAS0552,  
(2)FAS0248  
1/2 SOCKET  
3/16 HEX DRIVE



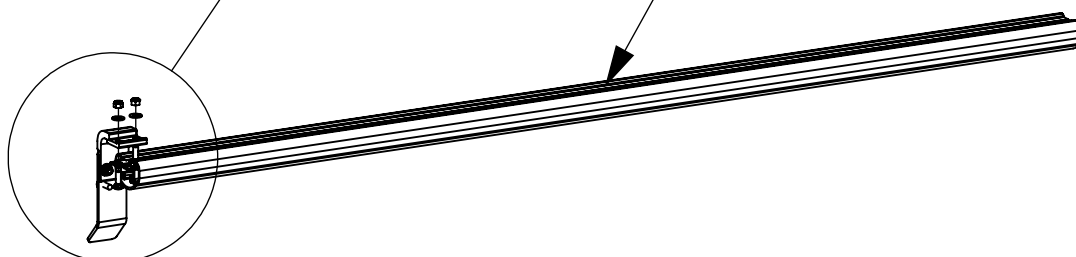
**BEGIN INSTALLATION**  
**STEP 2 - INSTALL BRACKET**

(2)FAS0398, 63934  
(2)FAS0552, (2)FAS0248  
1/2 SOCKET

**MAKE SURE THE LADDER  
STOP IS BETWEEN THE  
CARRIAGE BOLT AND  
PLATE ASSEMBLY FOR  
EACH MOUNTING  
BRACKET.**

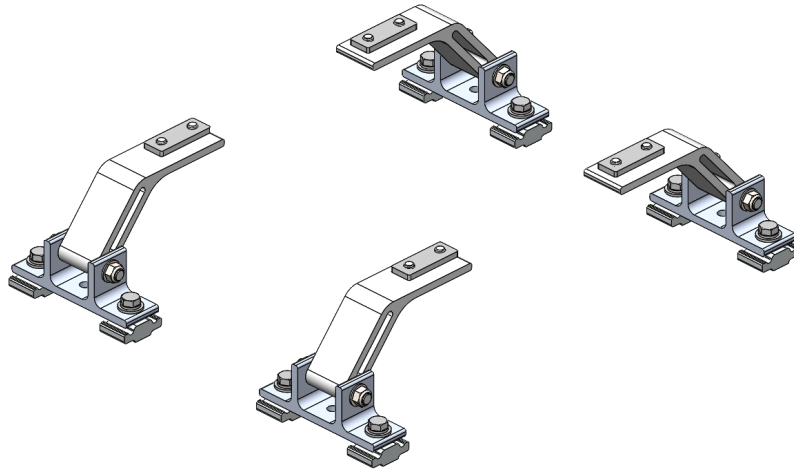


**ADJUST LADDER STOP TO BE  
IN THE CENTER OF CARGO**





## 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

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**CATALOG NUMBER      URM BK4W**

**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.**

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

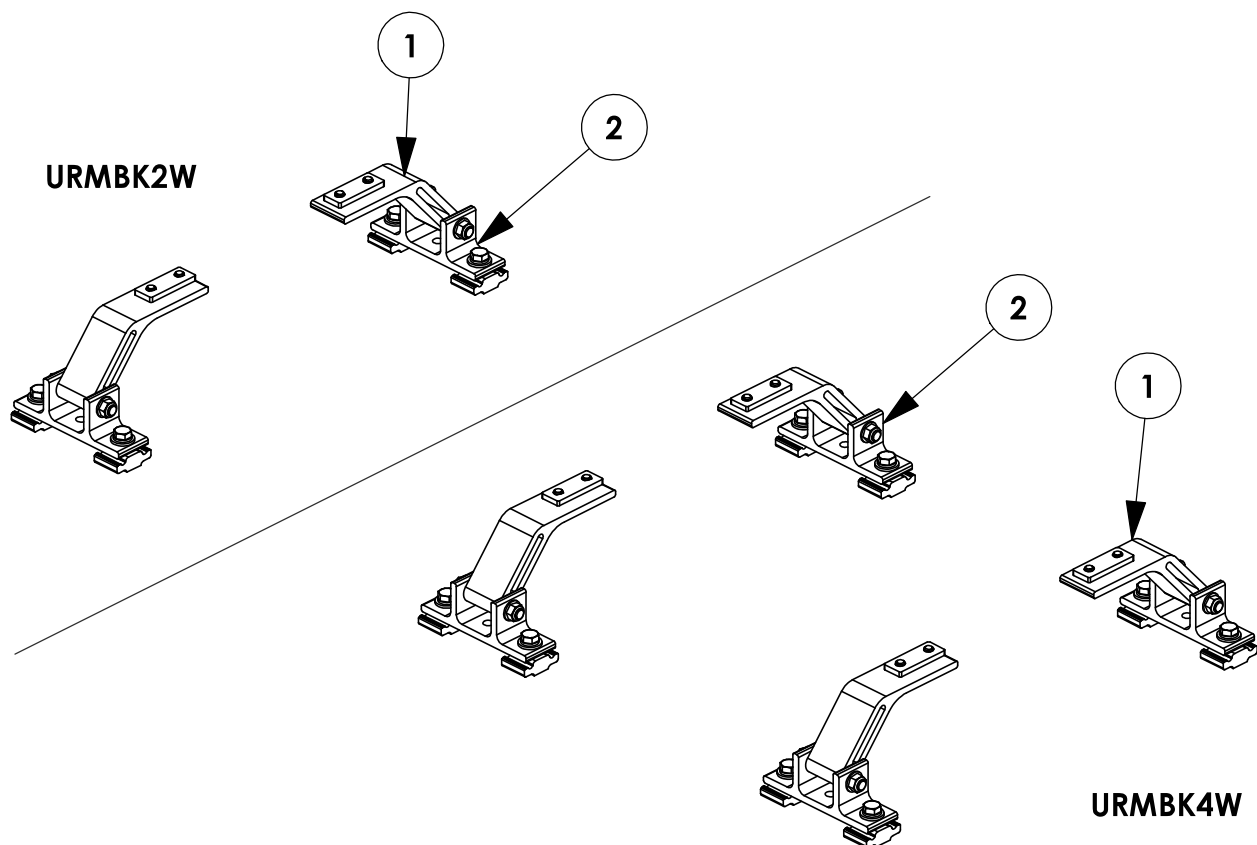
PART  
NUMBER : **URMBK**

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.

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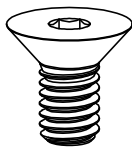
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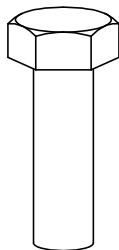
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS 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**



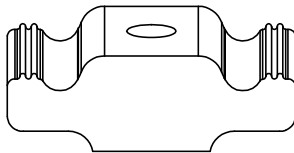
**FAS0588**  
**5/16 SS**  
**SPLIT WASHER**  
**QTY: 8**



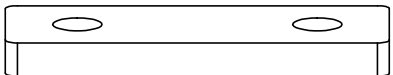
**FAS0552**  
**5/16 SS**  
**FLAT WASHER**  
**QTY: 12**



**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**

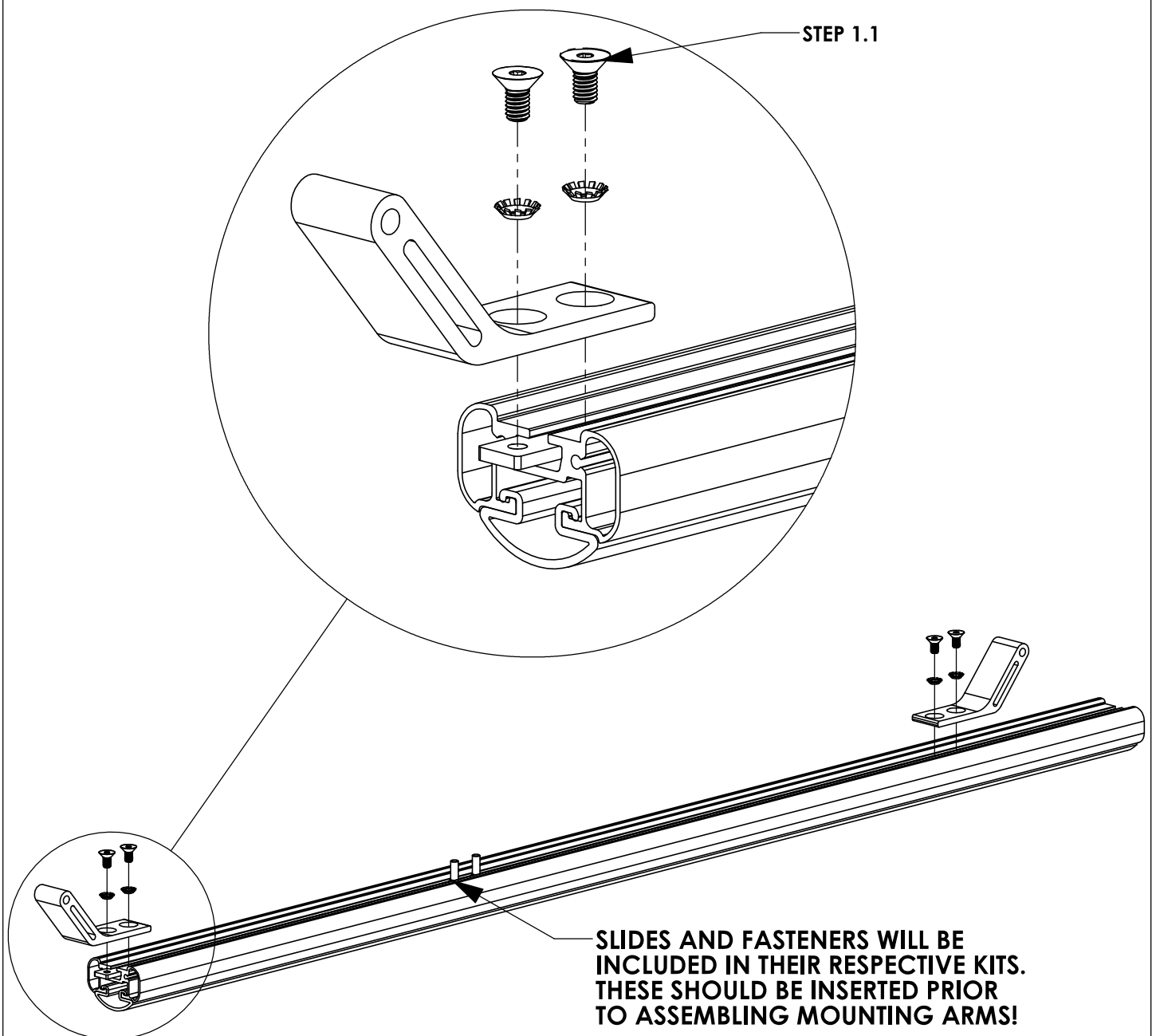
**LOOSELY ASSEMBLE  
UNTIL AFTER STEP 3**

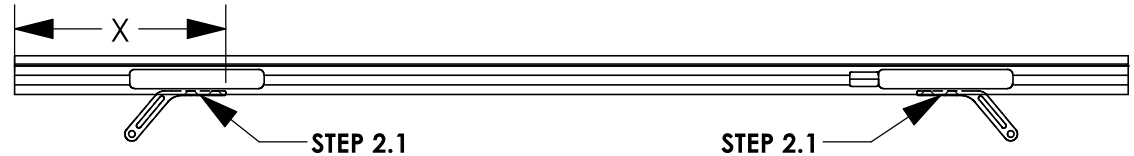
(2) FAS0857, (2)  
FAS0858, 68042

(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****STEP 2.1  
FULLY TIGHTEN  
FROM STEP 1.1****(04 PLACES PER  
CROSSBOW)  
3/16" ALLEN****FULL SIZE VANS****CENTER CROSSBOW ON MOUNTING BRACKETS****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)**

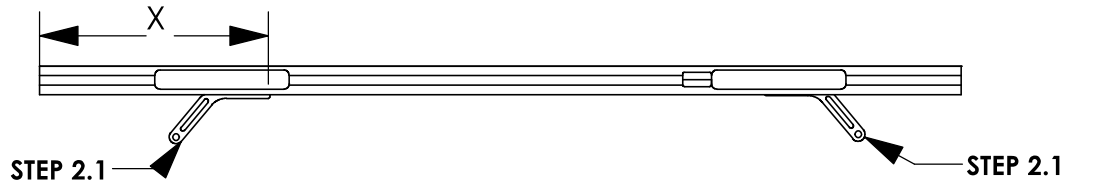
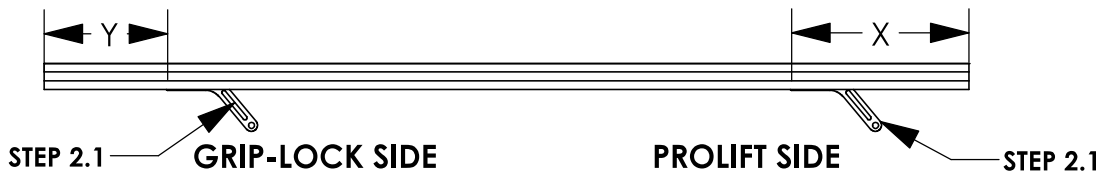
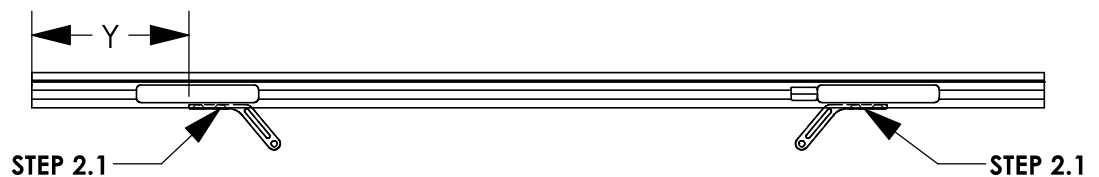
4 5/8"

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**

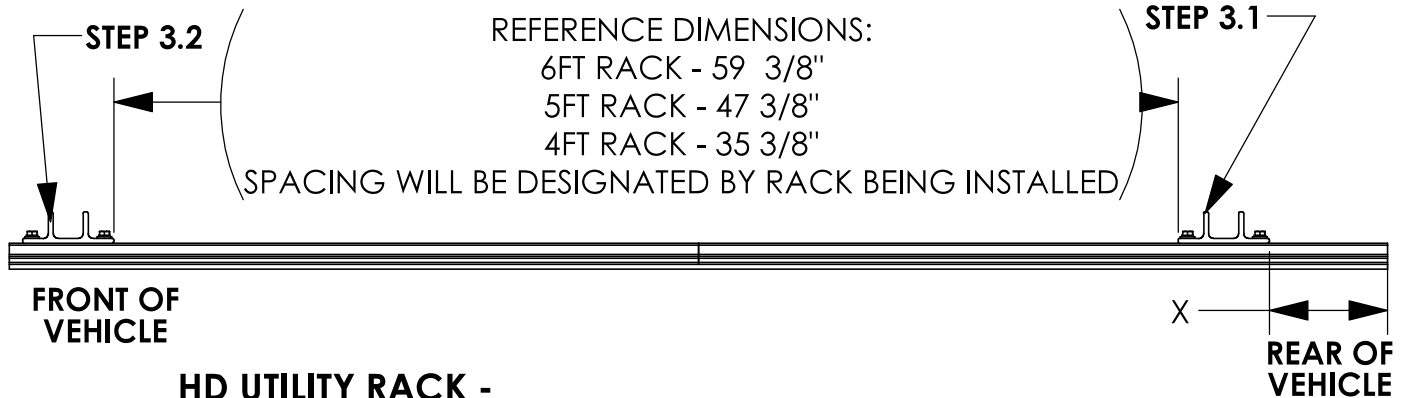
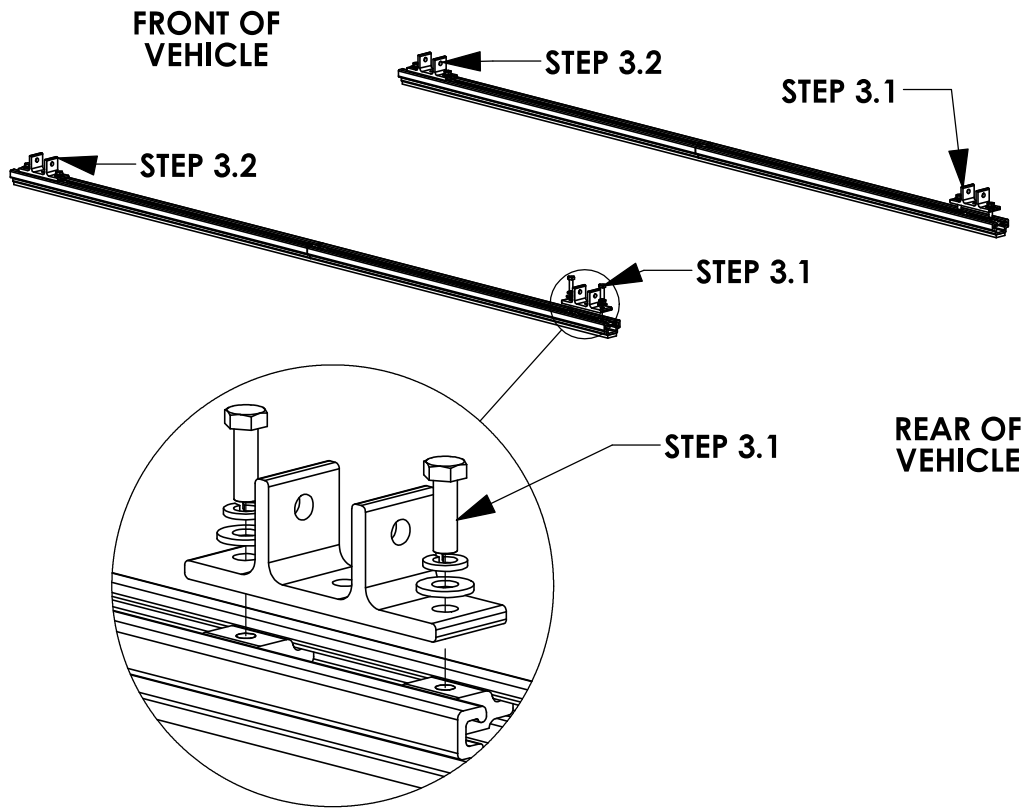
FAS0597, FAS0552,  
FAS0588, 63490 ON  
REAR MOUNTING FEET

(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

**HD UTILITY RACK -**

REAR CROSSBOW - REARWARD AS POSSIBLE

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

| FORD TRANSIT              |                    | RAM PROMASTER             |                    | MERCEDES SPRINTER         |                    |
|---------------------------|--------------------|---------------------------|--------------------|---------------------------|--------------------|
| ROOF HEIGHT/<br>WHEELBASE | POSITION X<br>(IN) | ROOF HEIGHT/<br>WHEELBASE | POSITION X<br>(IN) | ROOF HEIGHT/<br>WHEELBASE | POSITION X<br>(IN) |
| LOW ROOF                  | 7.5                | LR 118                    | 10                 | LR 144                    | 10.5               |
| MID ROOF                  | 7.5                | LR 136                    | 10                 | HR 144                    | 12.5               |
| HIGH ROOF                 | 7.5                | HR 136                    | 10                 | HR 170                    | 12.5               |
| HIGH ROOF EXT             | 7.5                | HR 159/159 EXT            | 10                 | HR 170 EXT                | 12.5               |

**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)

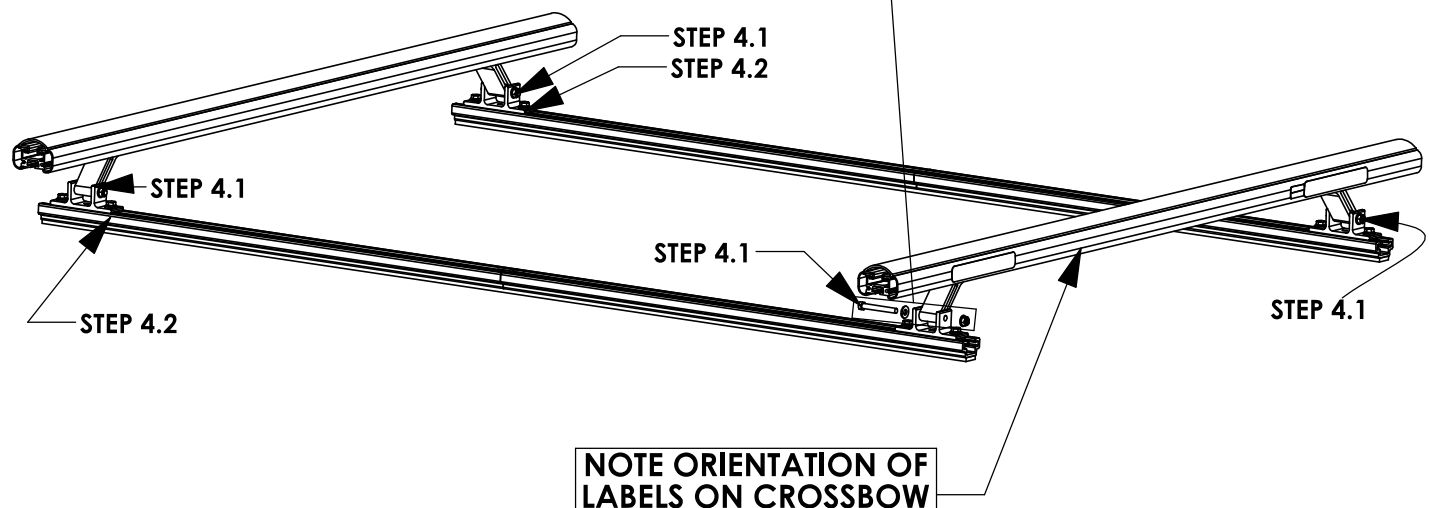
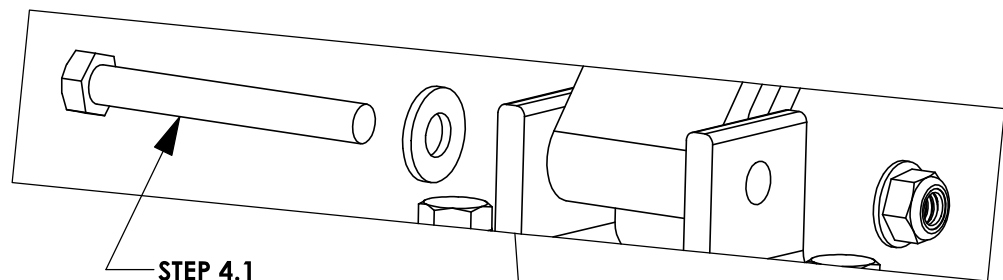
1/2" SOCKET  
1/2" WRENCH

**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

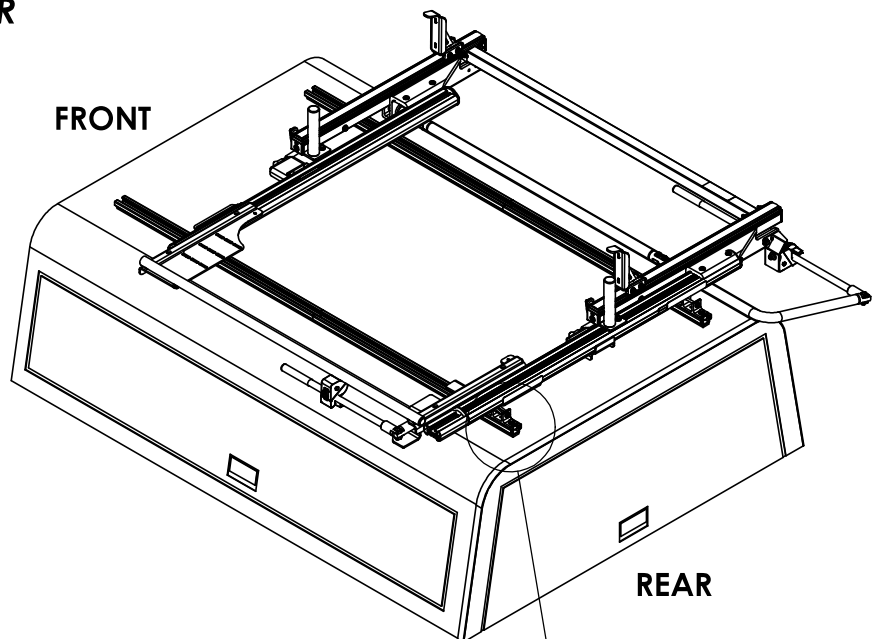
#### GRIP LOCK/PROLIFT LADDER RACKS -

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

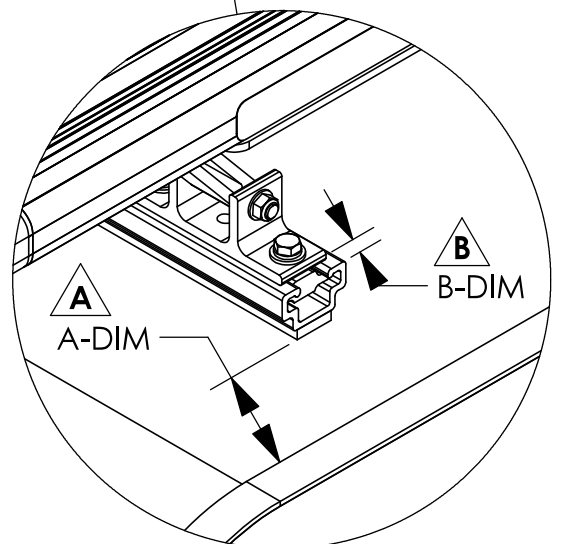
### 6' ARE TOPPER / 8' LEER TOPPER

**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/<br>DIMENSION | 6' ARE<br>TOPPER | 8' LEER<br>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



## 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:  
**C**



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 2T - 8T ON PAGE 3 IS THE RECOMMENDED ASSEMBLY SEQUENCE FOR A FULL TABLE ASSEMBLY BEFORE INSTALLING ON THE ROOF OF THE VEHICLE.**

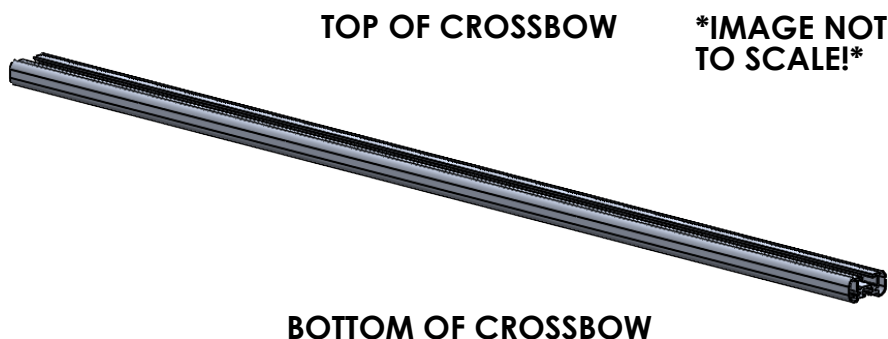
**STEPS 2R - 8R ON PAGE 4 IS AN ALTERNATE ASSEMBLY SEQUENCE TO INSTALL THE RACK ON THE VEHICLE ROOF AS IT IS BUILT.**

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!**



## 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 |

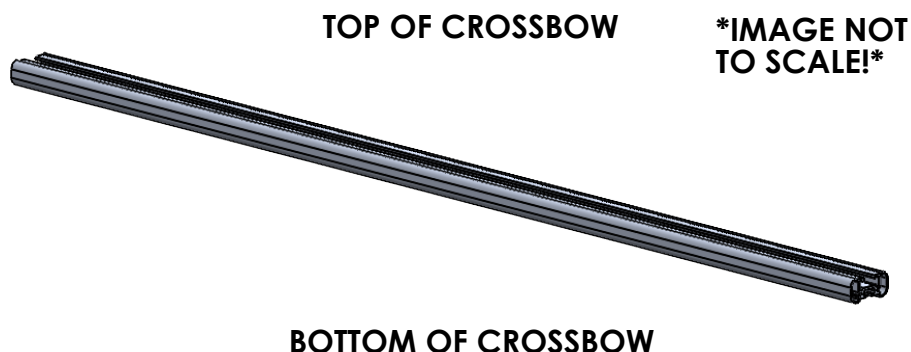
### BOTTOM OF CROSSBOW

#### 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!**



**TABLE 2**

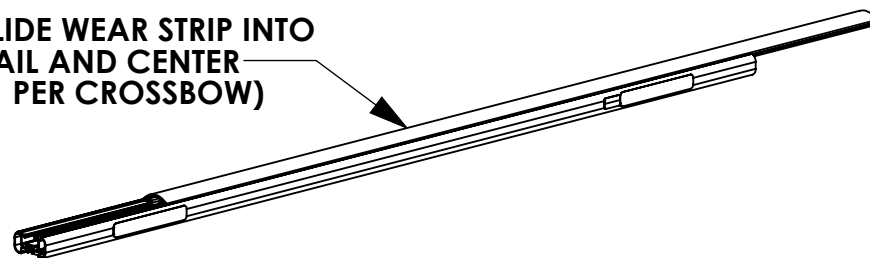
| TOP OF CROSSBOW    |                       |                                             |
|--------------------|-----------------------|---------------------------------------------|
|                    | COMPONENTS TO INSTALL |                                             |
| <b>B.1</b>         |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



**SLIDE ONE SIDE OF WEAR STRIP INTO CROSSBOW, THEN ROLL OTHER SIDE TO SNAP STRIP INTO PLACE**



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



**TABLE 4**

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

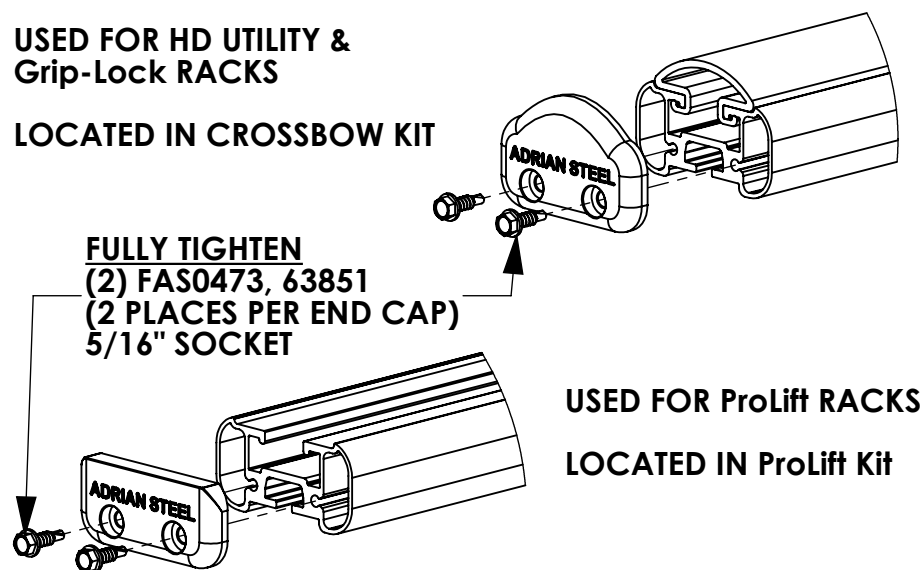
**ASSEMBLY STEPS (FULL BENCH ASSEMBLY):**

- 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



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)

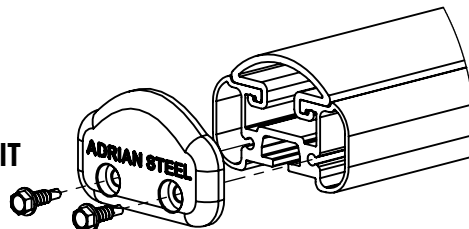
7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

8R. ASSEMBLE END CAPS TO CROSSBOW

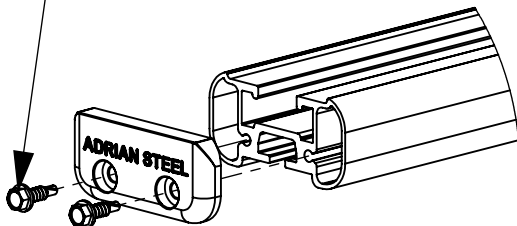
USED FOR HD UTILITY &  
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT

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

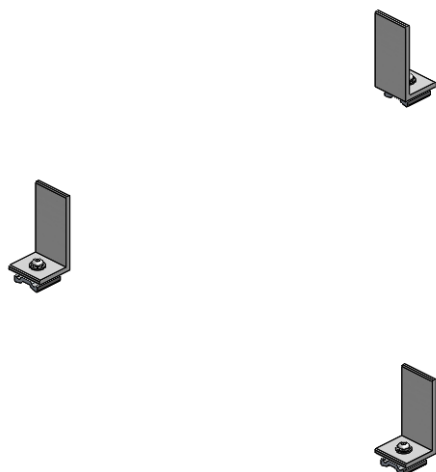


USED FOR ProLift RACKS  
LOCATED IN ProLift Kit





## 4" Upright Kit, 4-Pack, Black



PRODUCT WEIGHT  
**3.6 LBS**

WIDTH x DEPTH x HEIGHT  
**2" x 2" x 4"**

CAPACITY  
**N/A**

COLOR  
**BLACK**

CATALOG NUMBER  
**4UPK4B**

### PRODUCT FEATURES

Aluminum 4" uprights with plastisol coating for PROFILE™ HD Utility and combo ladder racks. Works on all vehicle platforms. Works with all conduit kits and rear rollers.

Utility style ladder racks are not recommended for medium and high roof vehicles!

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

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

### PAGE 1 of 2

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**CATALOG NUMBER      4UPK4B**

***PRODUCT APPLICATION***

**This product is for PROFILE™ HD Utility and combo ladder racks.  
Works on all vehicle platforms. Utility style ladder racks are not  
recommended for medium or high roof vehicles!**

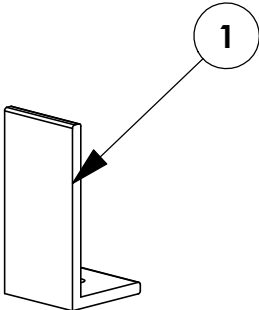
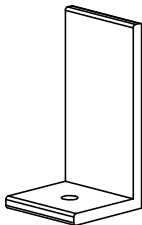
***ACCESSORIES THAT WILL WORK WITH THIS PRODUCT***

| <b><i>CATALOG NUMBER</i></b> | <b><i>DESCRIPTION</i></b>                             |
|------------------------------|-------------------------------------------------------|
| <b>2BARW</b>                 | <b>2-Crossbar Kit, 68", White, Full Size Van</b>      |
| <b>2BARCW</b>                | <b>2-Crossbar Kit, 58", White, Minivan</b>            |
| <b>1BARW</b>                 | <b>Single Crossbar Kit, 68", White, Full Size Van</b> |
| <b>1BARCW</b>                | <b>Single Crossbar Kit, 58", White, Minivan</b>       |

|                                                                       |                 |                  |          |                |                         |      |
|-----------------------------------------------------------------------|-----------------|------------------|----------|----------------|-------------------------|------|
| INSTR.<br>NUMBER : <b>65318</b>                                       | PG:<br><b>1</b> | REV:<br><b>A</b> | ITEM NO. | PART<br>NUMBER | DESCRIPTION             | QTY. |
| PART<br>NUMBER • <b>4UPK2B</b><br>• <b>4UPK4B</b>                     |                 |                  | 1        | 65138-B        | UTILITY, UPRIGHT, 4", B | 2    |
| PART • UTILITY,4" UPRIGHT KIT,2B<br>DESC. • UTILITY,4" UPRIGHT KIT,4B |                 |                  |          |                |                         |      |

**NOTE: THIS INSTRUCTION IS  
VALID FOR ANY COMBINATION  
OF 4UPK4B/4UPK2B**

**4UPK2B IS SHOWN  
THROUGHOUT INSTRUCTION**



**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.

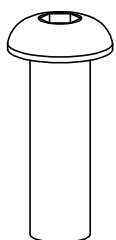
**PROVIDE CLEARANCE FOR SPACERS** - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

**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.

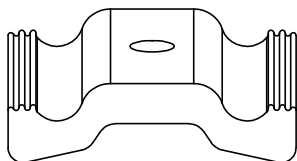
# **FASTENERS USED**



FAS0813  
5/16-18X1.0 SS  
BHCS SCREW  
QTY: 2



FAS0588  
5/16 SS  
SPLIT WASHER  
QTY: 2



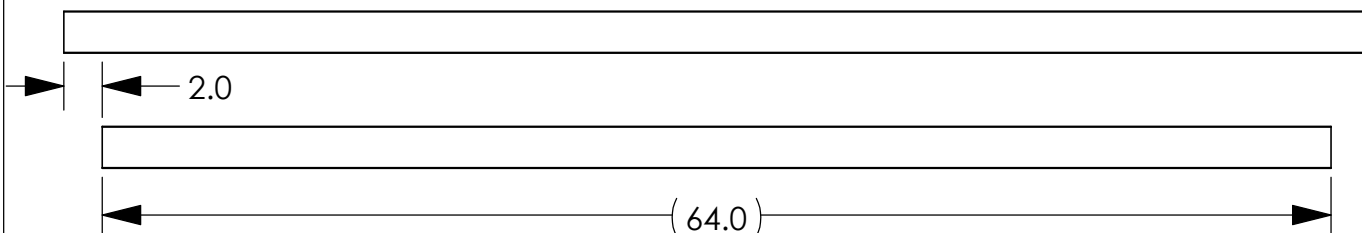
35335-0  
1.5" SLIDE  
AD RAIL  
QTY: 2



FAS0552  
5/16 SS  
FLAT WASHER  
QTY: 2

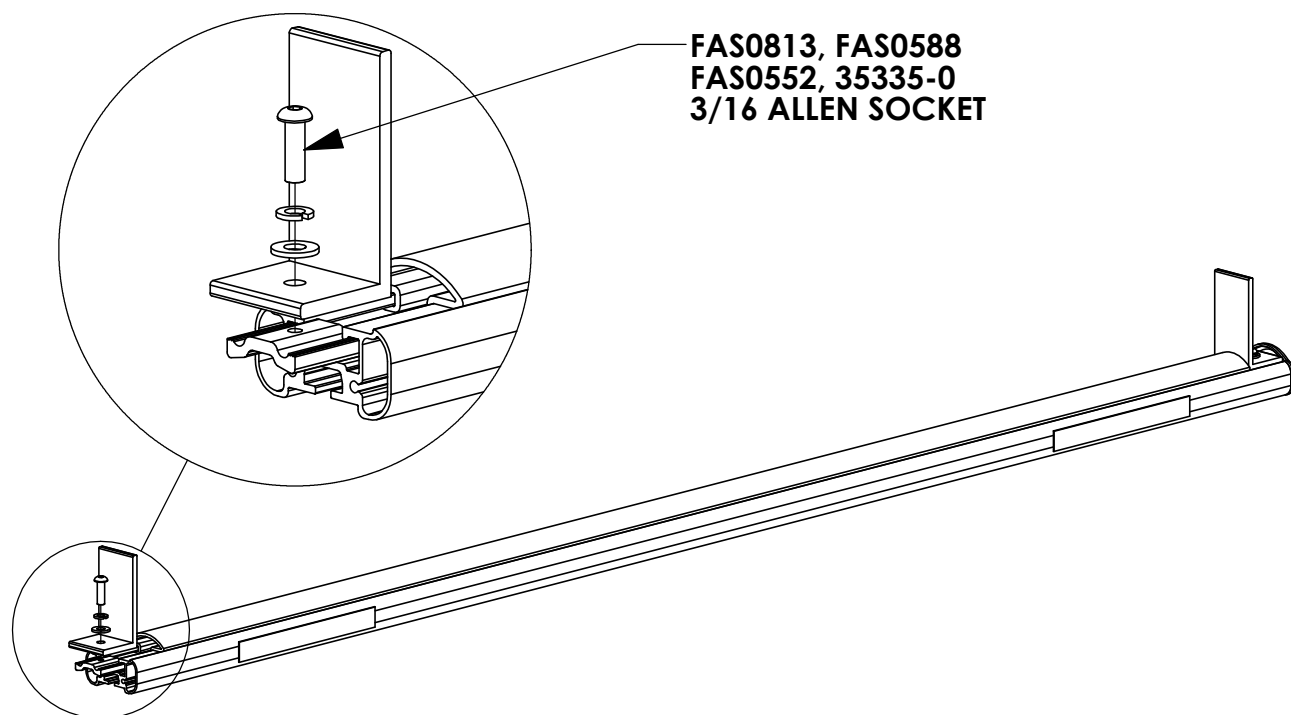
**BEGIN ASSEMBLY  
STEP 1 - CUT WEAR STRIP**

**REMOVE 2 INCHES FROM WEAR STRIP PER  
SIDE THAT WILL HAVE UPRIGHT INSTALLED**



**ADD ONE OF THE CUT WEAR STRIPS TO EACH  
CROSSBOW. CENTER WEAR STRIP ON CROSSBOW**

**FOR RACKS THAT ONLY GET UPRIGHTS ON ONE SIDE, CUT  
WEAR STRIP TO 66 INCHES. ALIGN END OF WEAR STRIP WITH  
END OF CROSSBOW THAT WILL NOT HAVE UPRIGHT INSTALLED**

**BEGIN INSTALLATION  
STEP 2 - INSTALL UPRIGHTS**

**CONTINUE INSTALLATION WITH THE MOUNTING KIT INSTRUCTIONS**