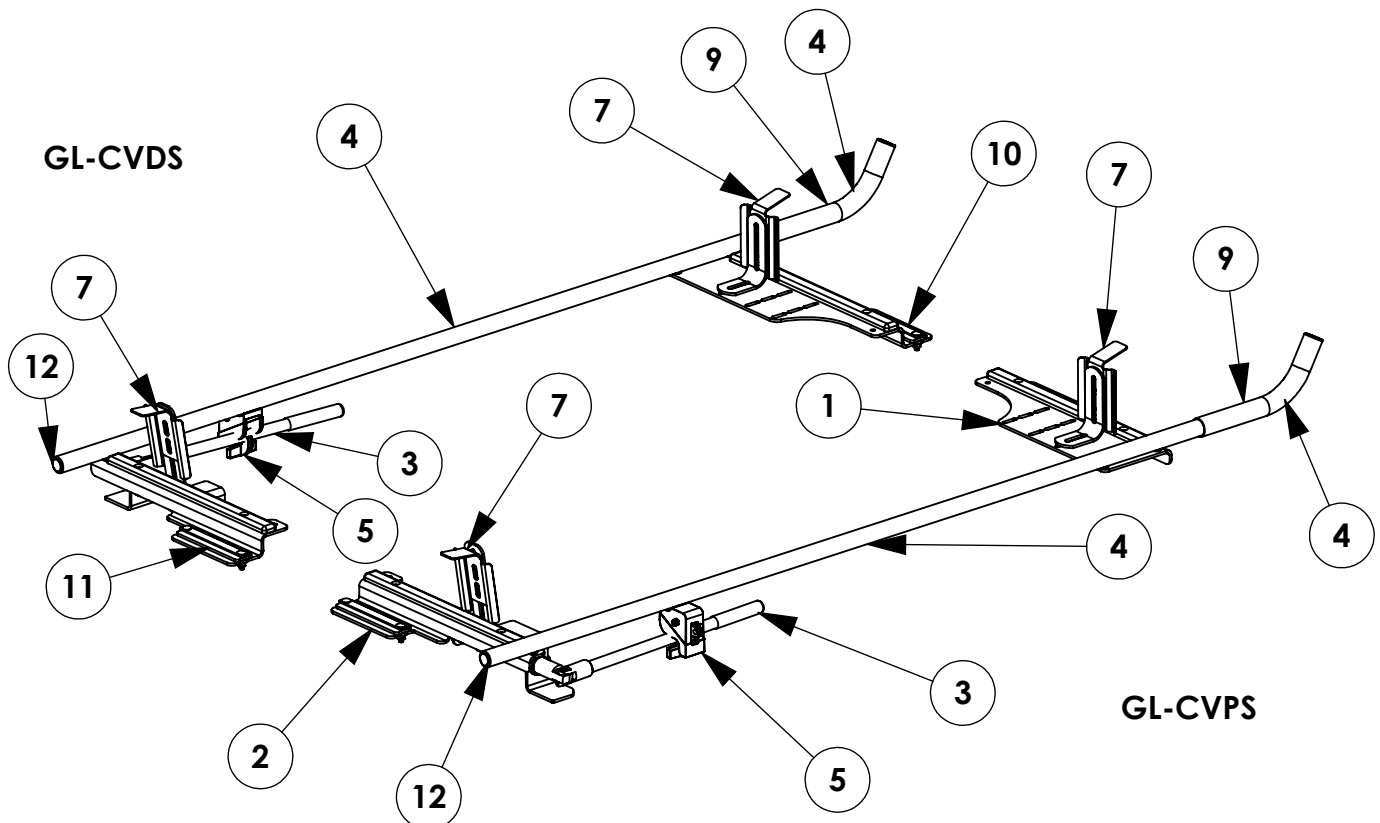


INSTR. NUMBER : 68554 PART NUMBER : GL-CVDS & GL-CVPS PART • GRIP LOCK, COMPACT VAN, DS DESC. • GRIP LOCK, COMPACT VAN, PS	PG:	REV:	ITEM NO.	PART NUMBER	DESCRIPTION	GL-CVDS	GL-CVPS
	1	B	1	66359	GRIP LOCK FRONT BRACE ASSM CS	1	-
			2	66360	GRIP LOCK REAR BRACE ASSM CS	1	-
NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS: -GL-CVDS -GL-CVPS -GL-CVDSB -GL-CVPSB THESE INTRUCTIONS CAN BE USED FOR A SINGLE OR DOUBLE GRIP LOCK ON VARIOUS LOW ROOF VEHICLES			3	66291-W	GRIP LOCK HANDLE, WHITE	1	1
			4	68434	GRIP LOCK, CP TUBE ASM	1	1
			5	25340-0	HANDLE LATCH-STD	1	1
			6	50981-B	FRONT STOP POST	1	1
			7	66292-B	CLAMP PAD, BLACK	2	2
			8	66289-W	GRIP LOCK HANDLE POST, WHITE	1	1
			9	27254-B	SLEEVE-HORN,L.R. BLACK	1	1
			10	66361	GRIP LOCK FRONT BRACE SS ASSM	-	1
			11	66362	GRIP LOCK REAR BRACE ASSM SS	-	1
			12	51363	CAP PLUG, RND 1.00, BLACK	1	1

- PART NUMBERS WITH "-W" SUFFIXS ARE PAINTED WHITE
 - FOR WHITE MOUNTING KITS, REPLACE "-W" WITH "-B" PARTS
 NOTE: 66359, 66360, 66361, & 66362 ARE ALSO AVAILABLE IN BLACK VARIENTS
 - FOR THEIR IDENTIFICATION, ADD THE "-B" SUFFIX TO THE END OF THE PART NUMBER



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.

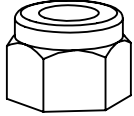
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

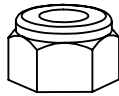
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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**QUANTITIES PROVIDED ARE FOR A SINGLE SIDE INSTALL**

FAS0110
3/8-16 SS
NLK NUT
QTY: 1



FAS0248
5/16-18 SS
NYL NUT
QTY: 6



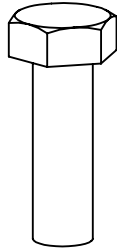
FAS0399
3/8-16 SS
NYL NUT
QTY: 1



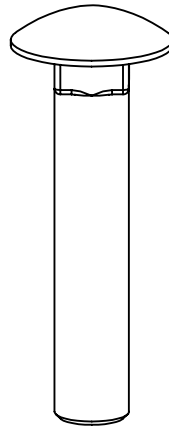
FAS0552
5/16 SS
FLAT WASHER
QTY: 16



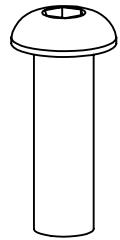
FAS0588
5/16 SS
SPLIT WASHER
QTY: 4



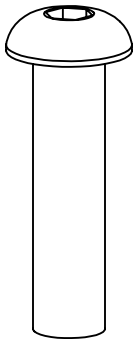
FAS0597
5/16-18 X 1.0 SS
HH SCREW
QTY: 2



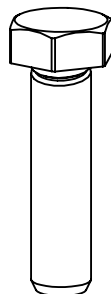
FAS0721
3/8-16 X 2.0 SS
CRG BOLT
QTY: 1



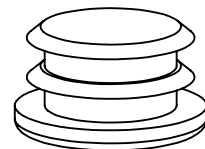
FAS0813
5/16-18 X 1.0 SS
BHC SCREW
QTY: 4



FAS0819
3/8-16 X 1.5 SS
BHC SCREW
QTY: 1



FAS0830
5/16-18 X 1.25 SS
HH SCREW
QTY: 4



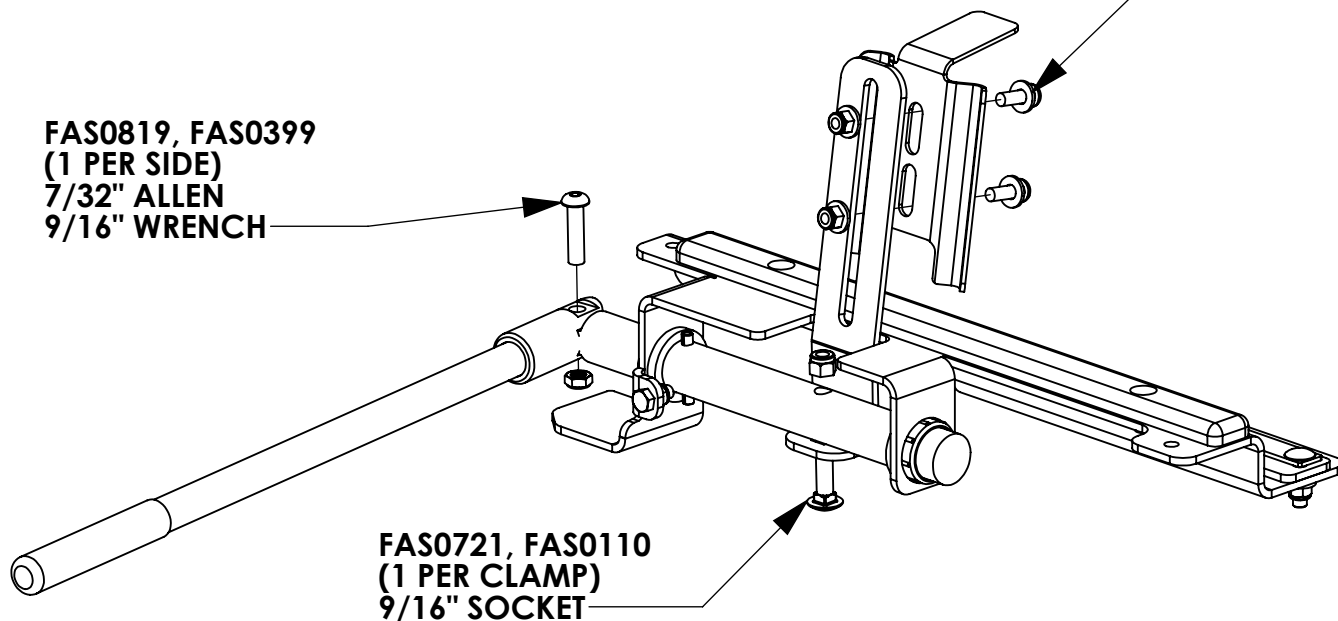
51363
1" RND BLK
CAP PLUG
QTY: 1

BEGIN ASSEMBLY**STEP 1 - ASSEMBLE REAR STOP AND HANDLE**

FAS0813, (2) FAS0552,
FAS0248
(2 PER CLAMP)
3/16" ALLEN
1/2" WRENCH

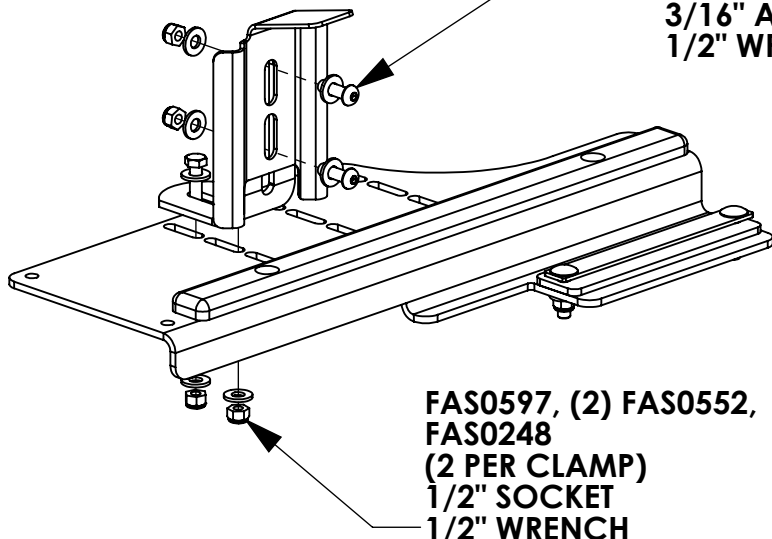
FAS0819, FAS0399
(1 PER SIDE)
7/32" ALLEN
9/16" WRENCH

FAS0721, FAS0110
(1 PER CLAMP)
9/16" SOCKET

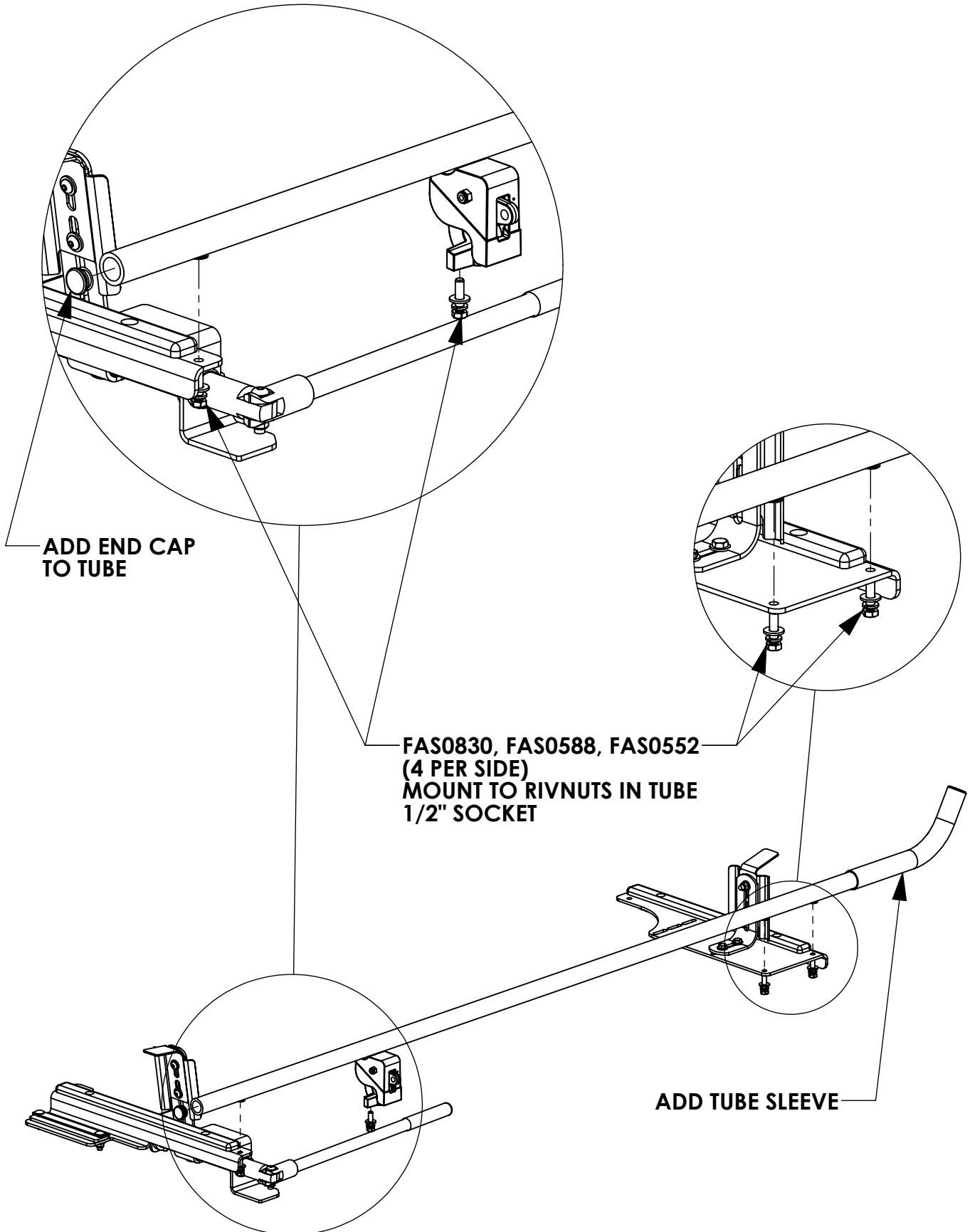
**STEP 2 - ASSEMBLE FRONT STOP**

FAS0813, (2) FAS0552,
FAS0248
(2 PER CLAMP)
3/16" ALLEN
1/2" WRENCH

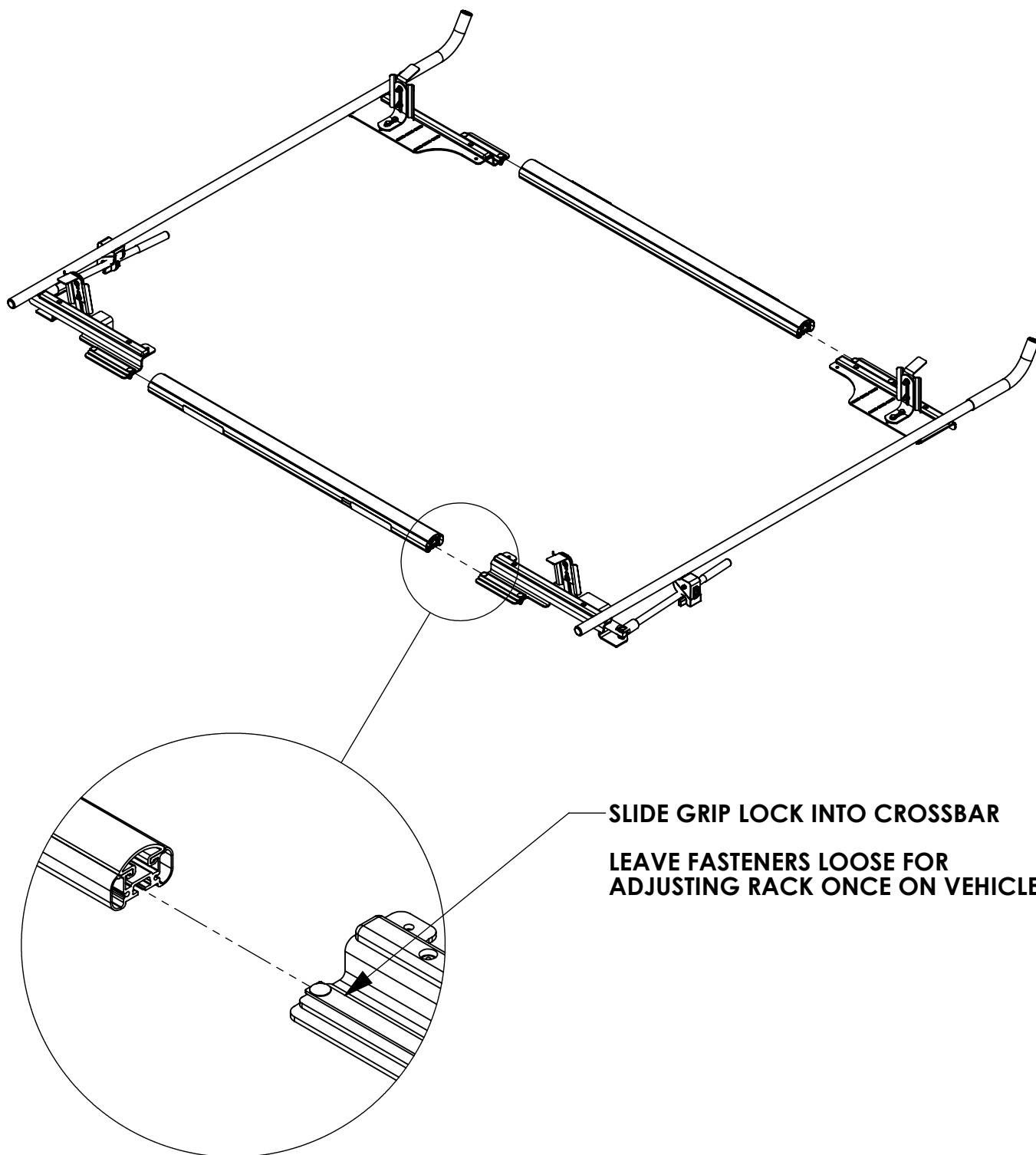
FAS0597, (2) FAS0552,
FAS0248
(2 PER CLAMP)
1/2" SOCKET
1/2" WRENCH



STEP 3 - ASSEMBLE OUTER TUBE

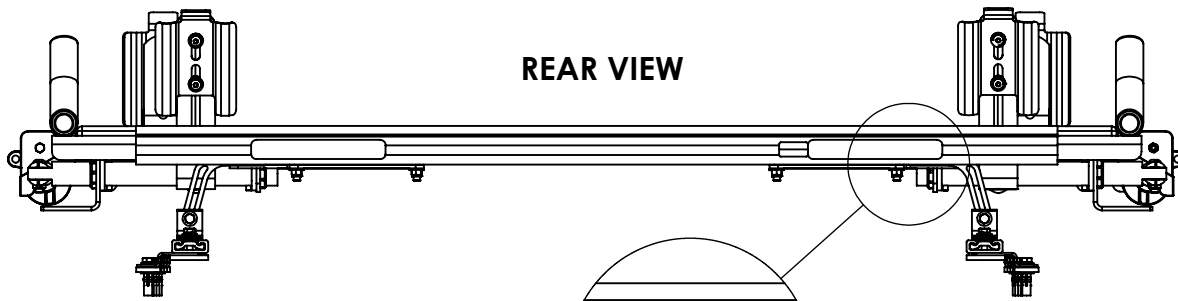


STEP 4 - INSTALL ON CROSSBOW

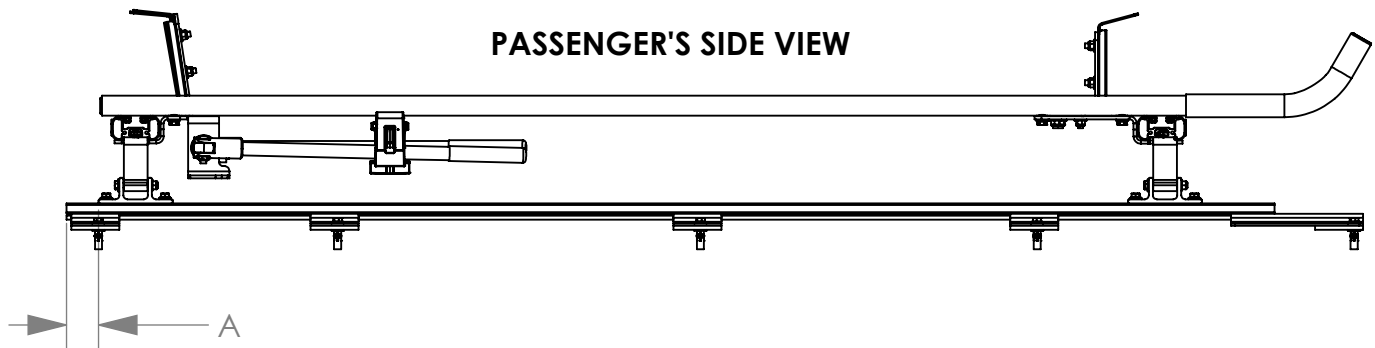


STEP 5 - MOUNTING DIMENSIONS GUIDE

NOTE: IMAGES SHOW THE RAIL KIT FOR THE TRANSIT CONNECT LONG WHEELBASE FOR VISUALIZATION. VEHICLE SPECIFIC MEASUREMENTS ARE PROVIDED IN TABLE BELOW.

**REAR VIEW**

NOTE: SLIDE THE GRIP LOCK CARTRIDGE OUT, UNTIL IT TOUCHES THE MOUNTING BRACKET.

**PASSENGER'S SIDE VIEW**

VEHICLE	TRANSIT CONNECT LWB	TRANSIT CONNECT SWB	PROMASTER CITY	MERCEDES METRIS LWB	MERCEDES METRIS SWB
A	2.0	2.0	2.0	2.0	2.0

NOTE: "A" IS DISTANCE FROM END OF ROOF RAIL TO MOUNTING BRACKET FOOT

INSTR. NUMBER : 68558	PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	68202-W	PROFILE, MOUNTING ARM, W	4
PART NUMBER : CRMBK4W			2	63852-W	UTILITY, MOUNTING BRKT, W	4
			3*	63915-W	UTILITY, CROSSBOW, 58", WHITE	2
PART DESC. : COMPCT,MNT BKT KT,RAIL,4W			4*	63914	UTILITY, WEAR STRIP, 58"	2
			5*	63851	UTILITY RCK,END CAP,BLACK	4
ITEMS NOTED (#*) ARE						

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

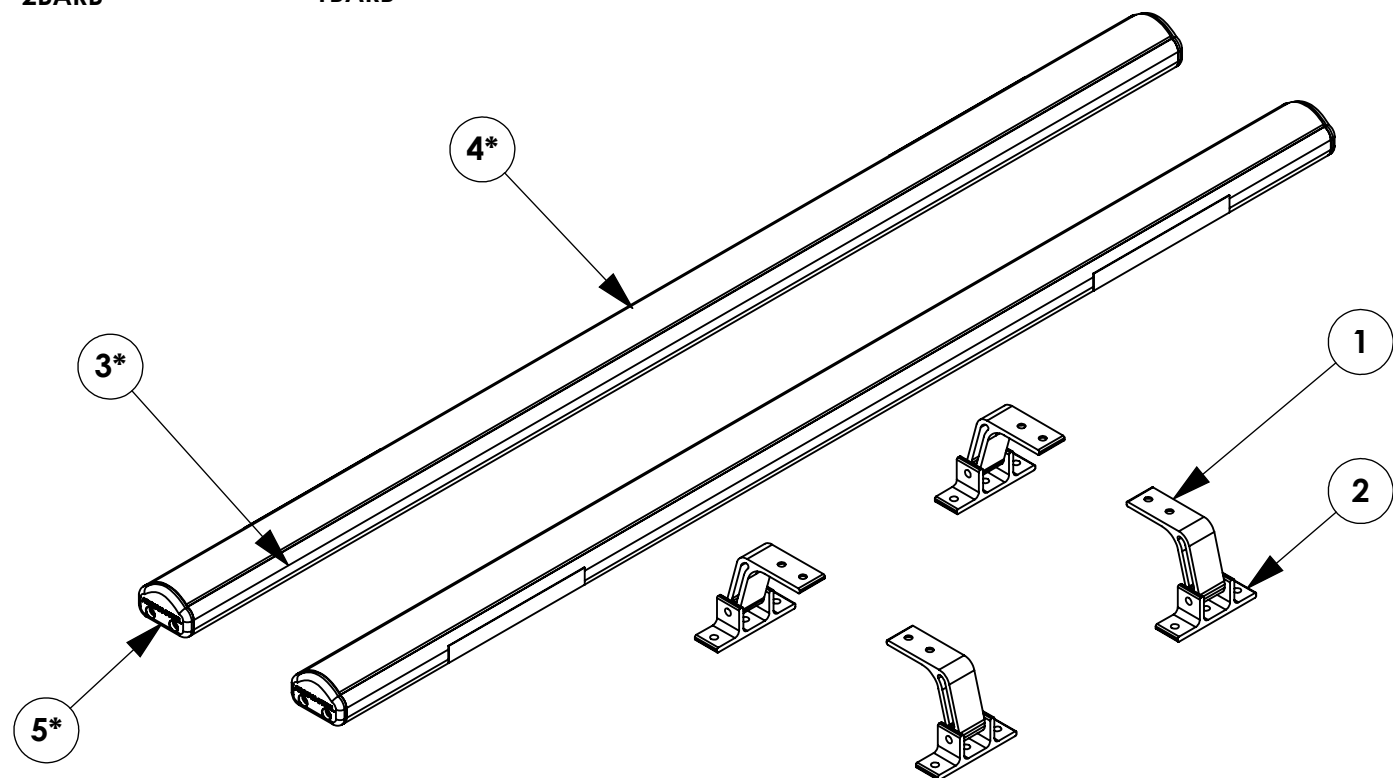
**NOTE: THIS INSTRUCTION IS VALID
FOR THE FOLLOWING KITS:**

MOUNTING KITS

- URMBK4W (SHOWN)
- URMBK4B
- URMBK2W
- URMBK2B

CROSSBOW KITS

- 2BARCW (SHOWN) -1BARCW
- 2BARCB -1BARCB
- 2BARTOPW -1BARTOPW
- 2BARTOPB -1BARTOPB
- 2BARW -1BARW
- 2BARB -1BARB



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.

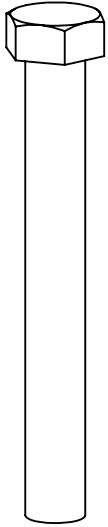
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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

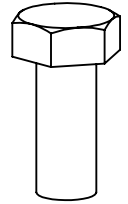
FAS0243
5/16-18 X 2.5 SS
HH SCREW
QTY: 4



FAS0552
5/16 SS
FLAT WASHER
QTY: 12



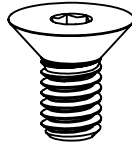
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



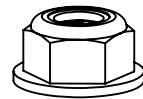
FAS0799
5/16-18 X .75 SS
HH SCREW
QTY: 8



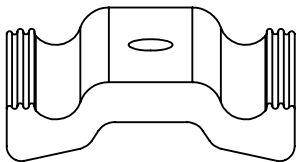
FAS0857
5/16 SS
CS EXT LCK WASHER
QTY: 8



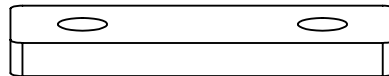
FAS0858
5/16-18 X .625 SS
FHH CS SCREW
QTY: 8



FAS0861
5/16-18 SS
NLK HFLNG NUT
QTY: 4



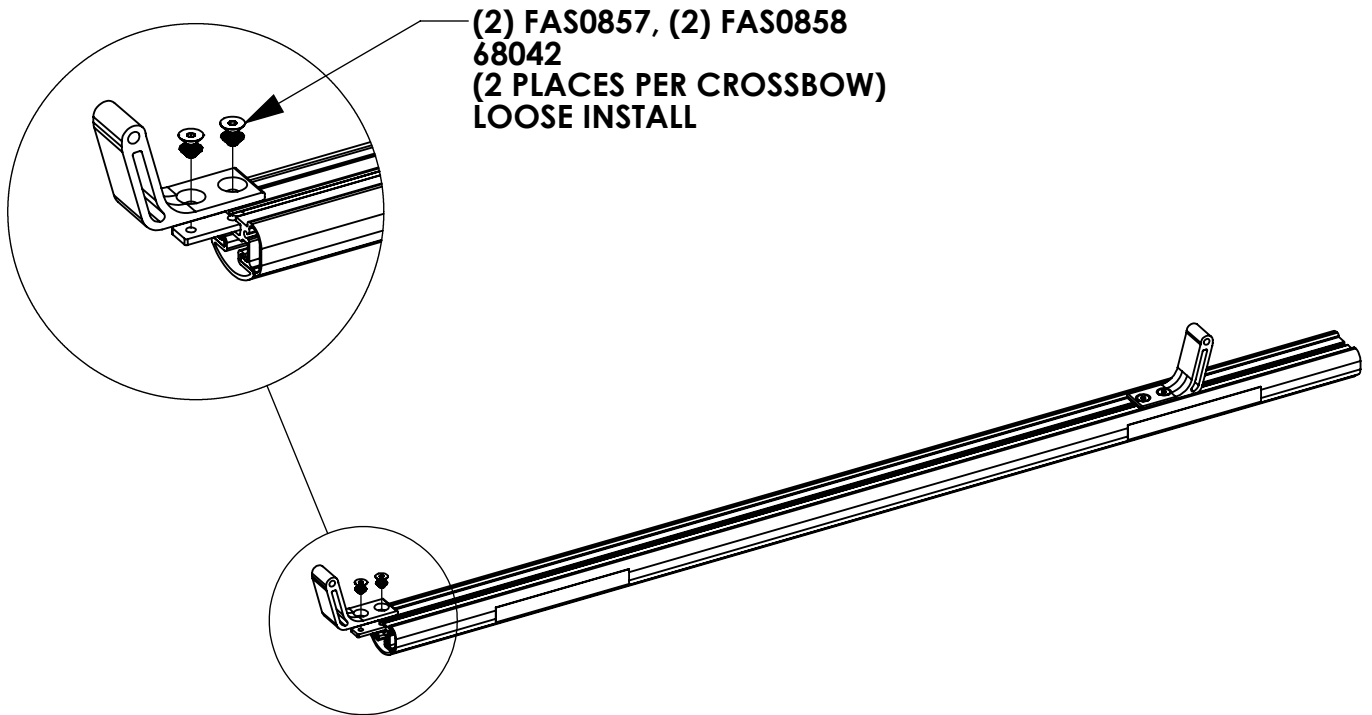
35335-0
1.5" AD RAIL
QTY: 8



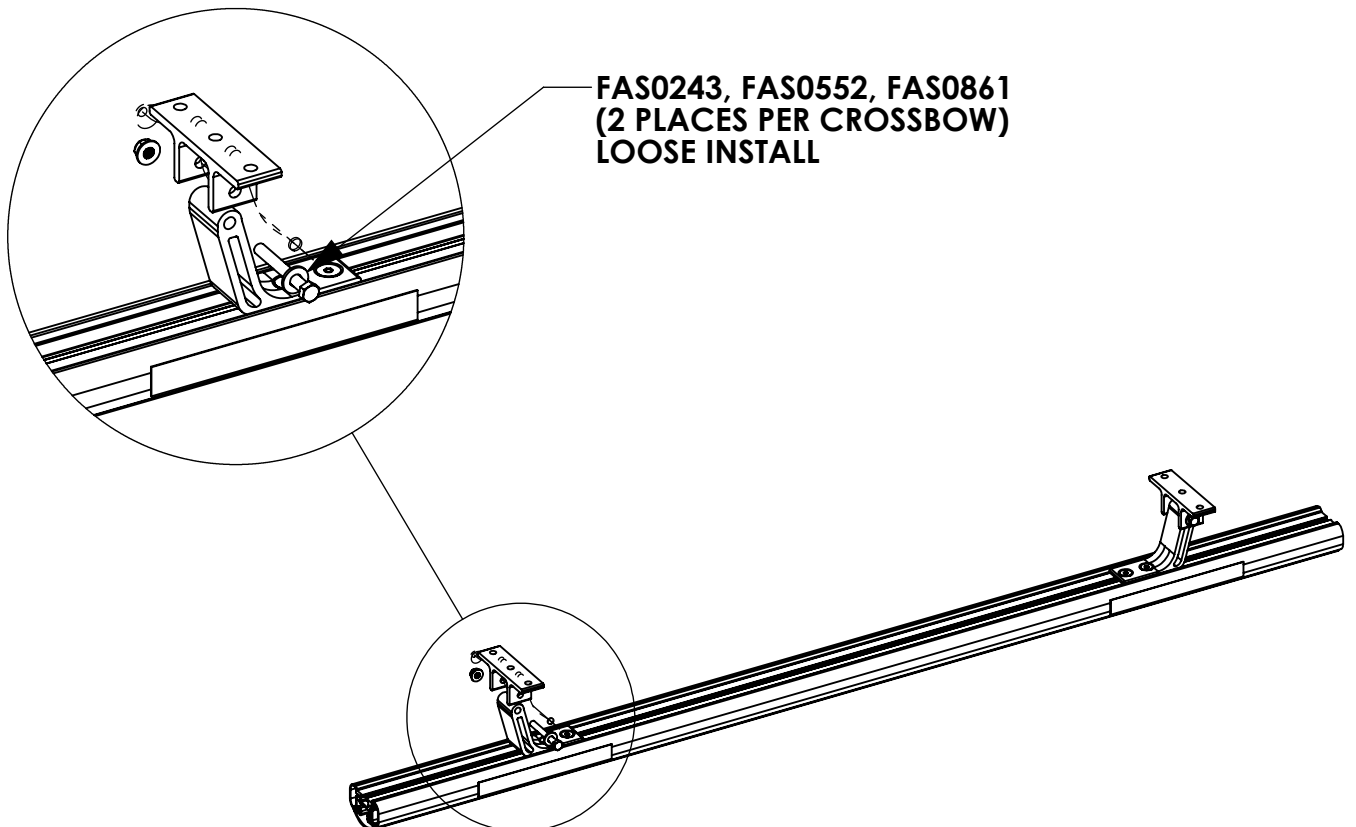
68042
PROFILE FOOT MTG PLATE
QTY: 4

BEGIN ASSEMBLY

STEP 1 - ASSEMBLE MOUNTING ARMS TO CROSSBOW

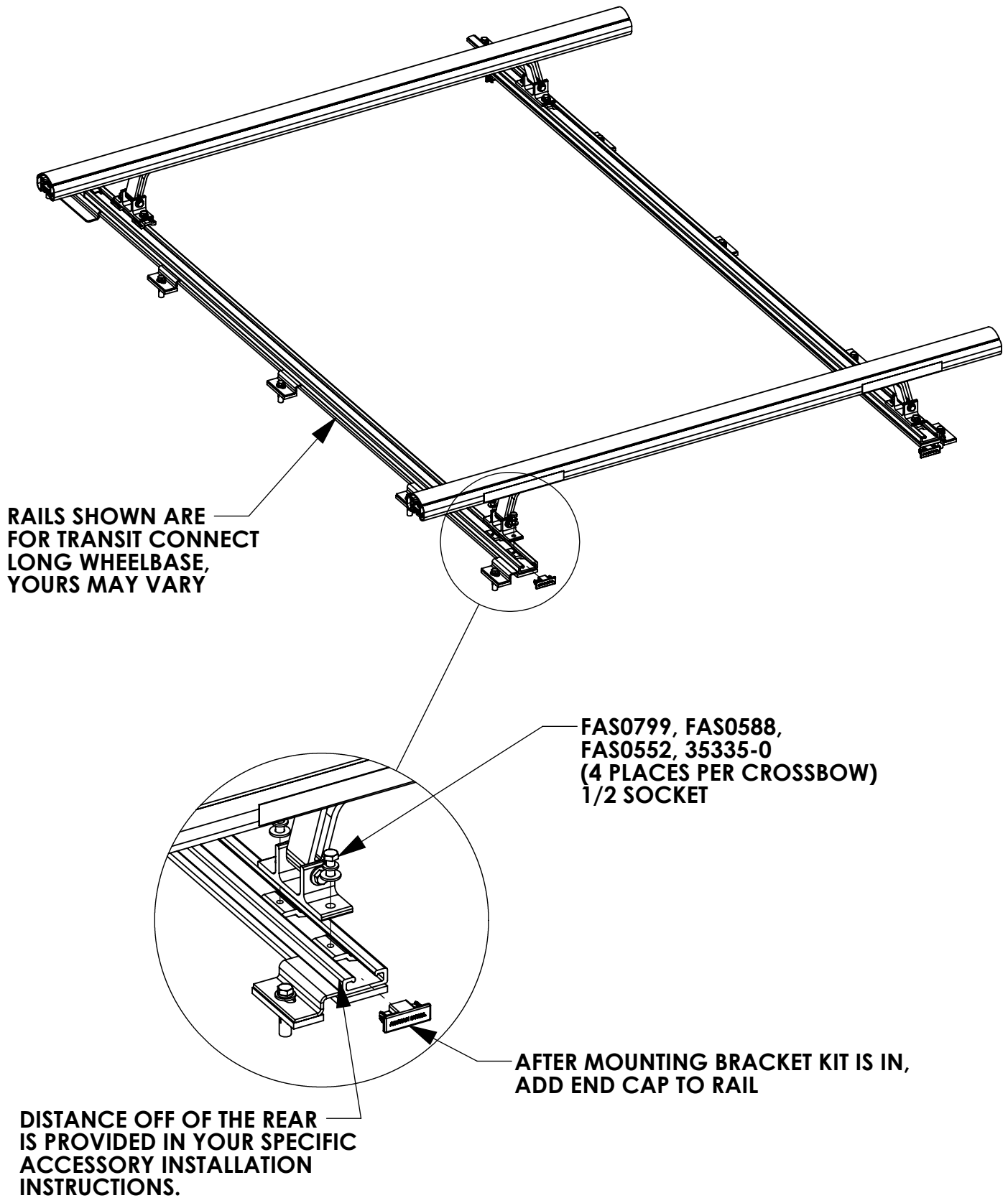


STEP 2 - ASSEMBLE MOUNTING BRACKETS TO MOUNTING ARMS

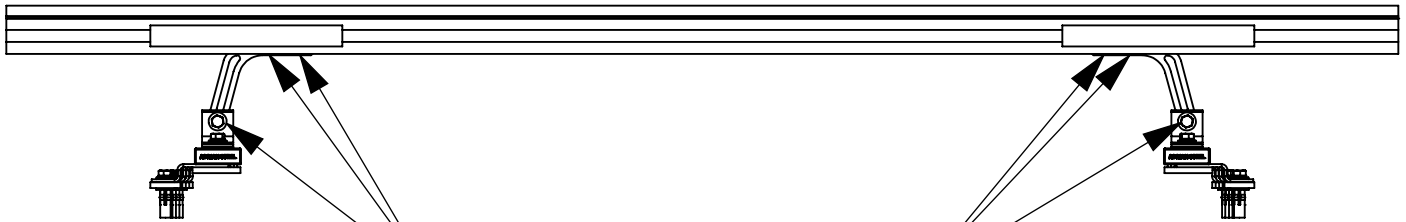


BEGIN INSTALLATION

STEP 3 - INSTALL MOUNTING BRACKET TO RAIL



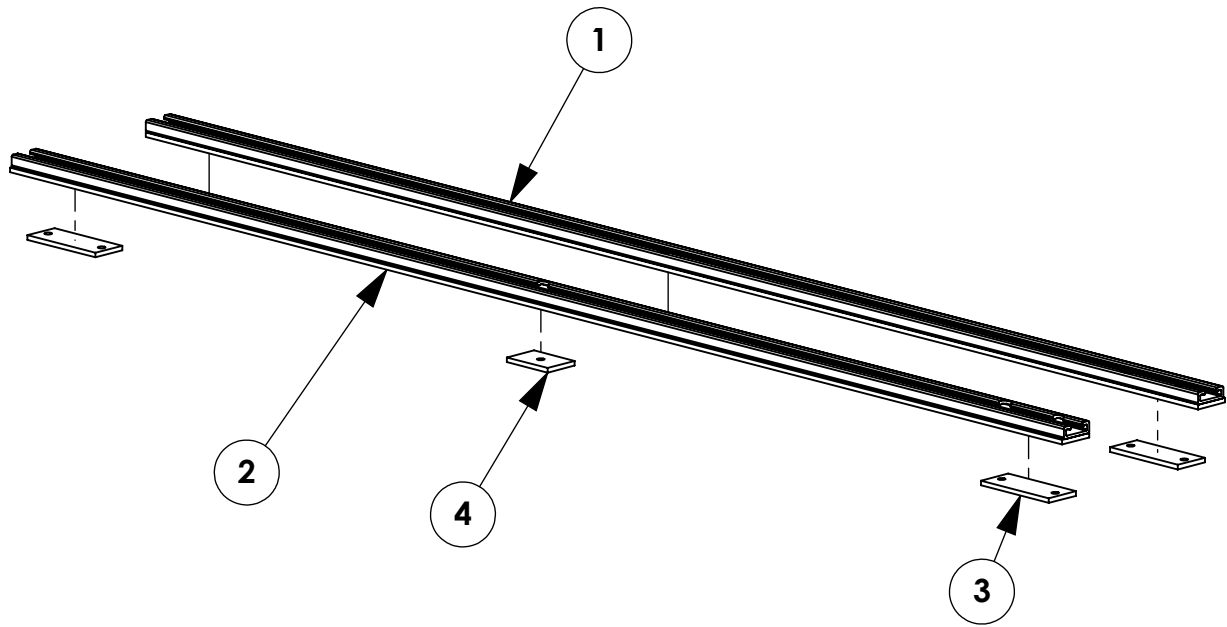
STEP 4 - CENTER CROSSBOW AND SECURE



**CENTER CROSSBOW AND
SECURE MOUNTING BRACKETS
(6 PLACES PER CROSSBOW)**

**1/2 SOCKET
1/2 WRENCH
5/32 ALLEN**

INSTR. NUMBER : 68578	PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	68576	ROOF RAIL W/ FOAM,PMC,PS	1
PART NUMBER : RRKPMC			2	68577	ROOF RAIL KIT, PMC	1
PART : DESC. : ROOF RAIL KIT, PMC			3	54772	EPDM SPACER-PAD, 1/4 X 2 X 5	4
			4	54773	EPDM SPACER-PAD, 1/4 X 2 X 3	2



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.

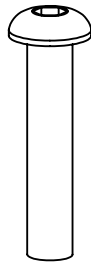
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

FASTENERS USED



**FAS0234
1/4 SS
FLAT WASHER
QTY: 10**



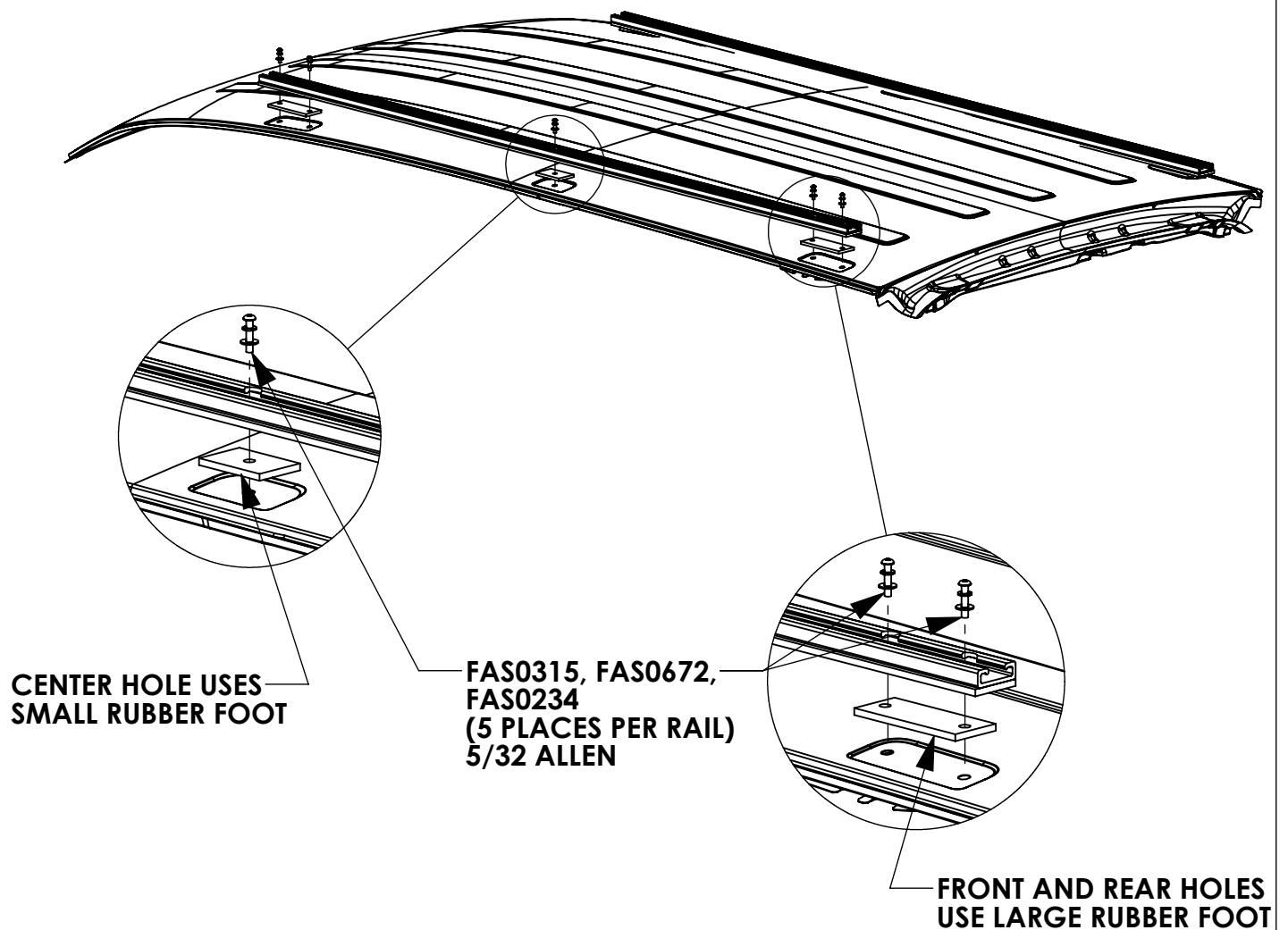
**FAS0315
M6-1 X 30mm SS
BHC SCREW
QTY: 10**



**FAS0672
1/4 SS
SPLIT WASHER
QTY: 10**

STEP 1 - PREP ROOF HOLES

a) REMOVE OEM PLASTIC PLUGS FROM ALL 10 ROOF MOUNTING LOCATIONS.

STEP 2 - INSTALL ROOF RAILS

NOTE: END CAPS CANNOT BE ADDED UNTIL AFTER MOUNTING BRACKET KIT IS INSTALLED.



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!

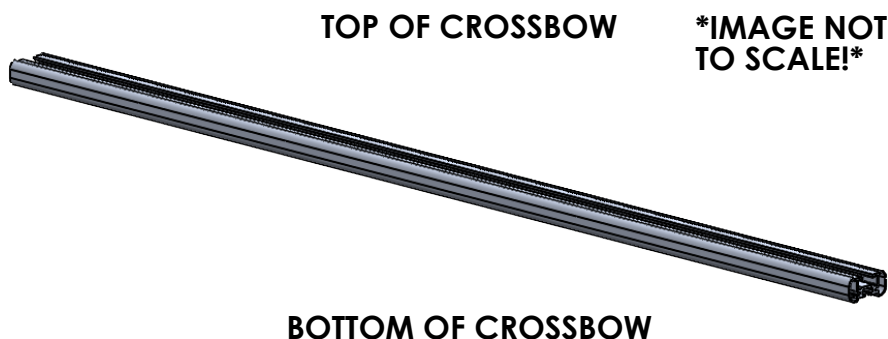


TABLE 1

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!

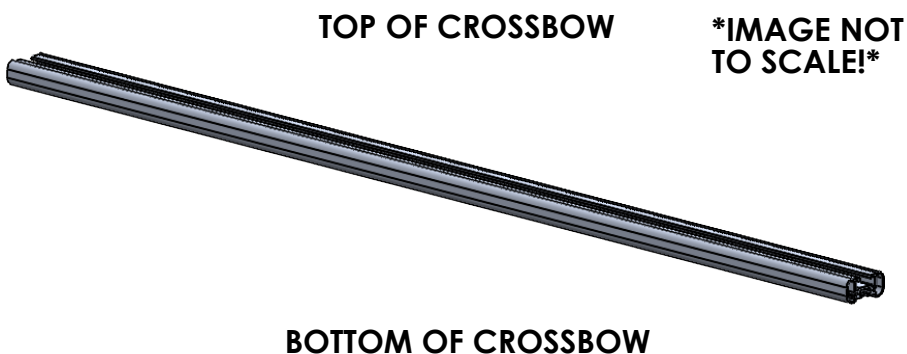


TABLE 2

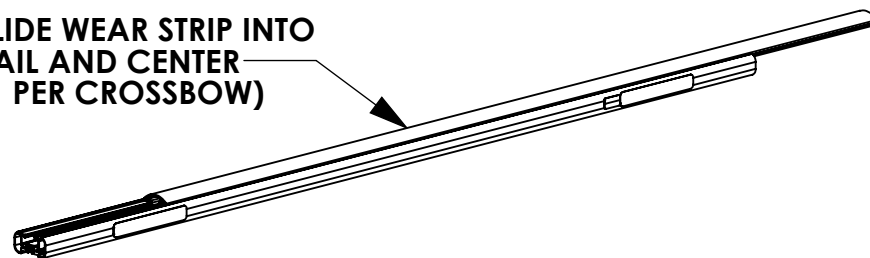
TOP OF CROSSBOW		
	COMPONENTS TO INSTALL	
B.1	<u>HD UTILITY</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	<u>Grip-Lock</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	<u>ProLift</u>	- INNER STOP POST
BOTTOM OF CROSSBOW		
	COMPONENTS TO INSTALL	
B.2	<u>HD UTILITY</u>	- MOUNTING BRACKETS
	<u>Grip-Lock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

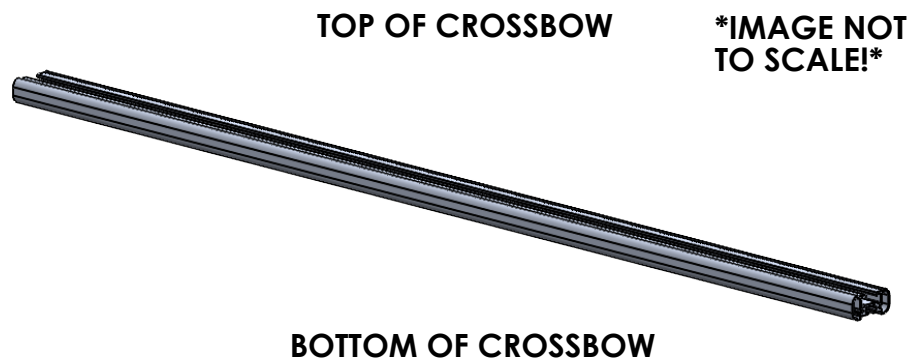


TABLE 4

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

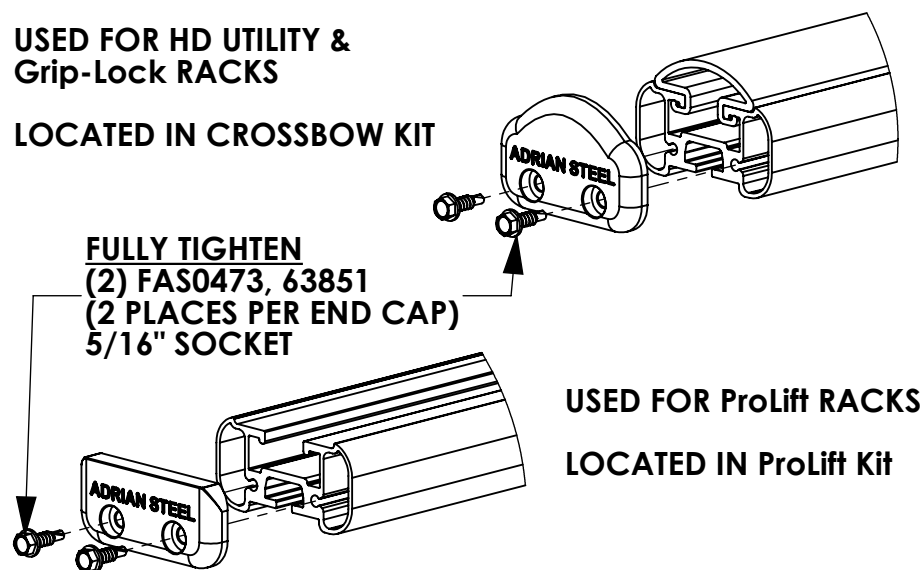
ASSEMBLY STEPS (FULL BENCH ASSEMBLY):

- 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



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)

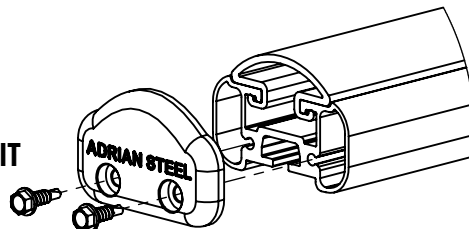
7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

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

