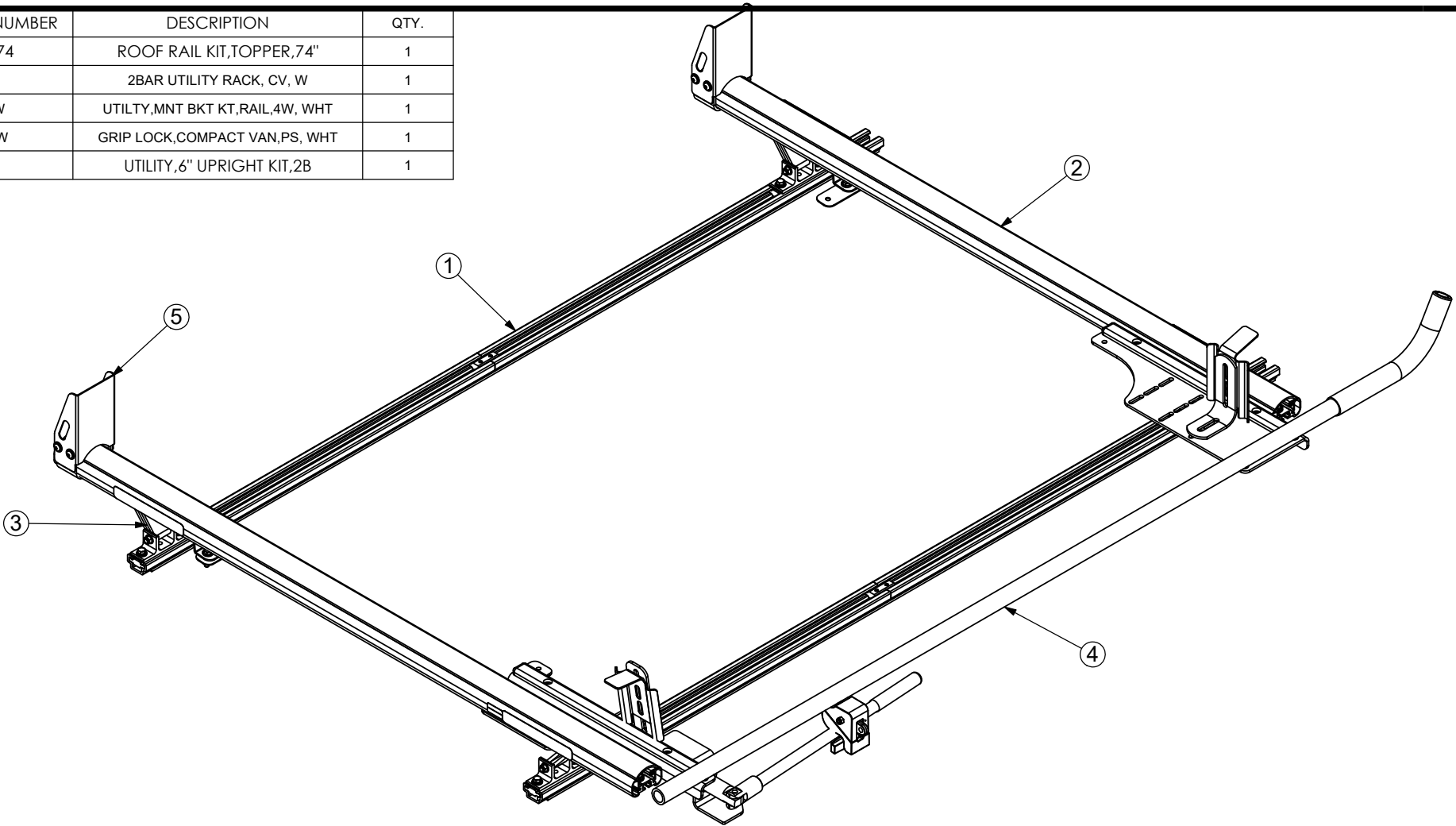


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RRKTOP74	ROOF RAIL KIT, TOPPER, 74"	1
2	2BARCW	2BAR UTILITY RACK, CV, W	1
3	URMBK4W	UTILITY, MNT BKT KT, RAIL, 4W, WHT	1
4	GL-CVPSW	GRIP LOCK, COMPACT VAN, PS, WHT	1
5	6UPK2B	UTILITY, 6" UPRIGHT KIT, 2B	1



THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER
DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED		
ALL BEND ANGLES ARE 90 DEGREES		
ALL DIMENSIONS ARE IN INCHES.		
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION		
FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .125	0.0 = ± .062	0° = ± 2°
0.00 = ± .062	0.00 = ± .031	0.0° = ± 1°
0.000 = ± .031	0.000 = ± .015	
Material Thickness: per ASTM Std.		
Weld Callouts per AWS		

RELEASE & REVISIONS

INITIAL ECN: 23752
CURRENT ECN:
ECN DESCRIPTION:
RELEASED
REVISED BY: N/A

MATERIAL & FINISH

MECHANICAL FINISHING:
N/A
PRIMER: N/A
FINAL FINISH: WhitePwddct NONE
Paint Weight: N/A
MATERIAL TYPE: ASSM

PRINTED DOCUMENT IS UNCONTROLLED

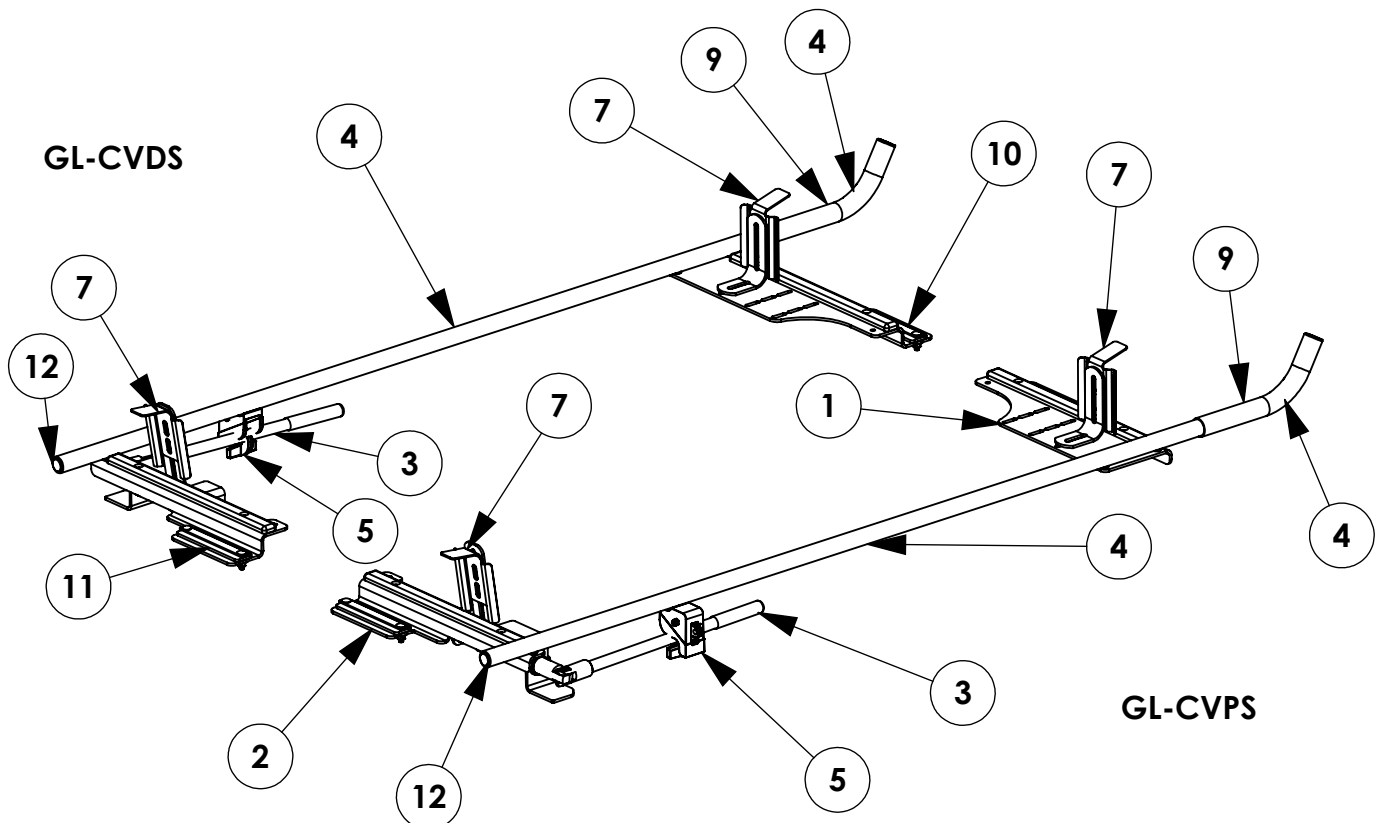
Sheet 1 of 1

PART / PRODUCT IDENTIFICATION

 ADRIAN STEEL® ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221		REVISION LEVEL
		A
MAT'L USED: ASSM	DESIGNED BY: B.SOUTHWARD	
DESCRIPTION: GL-UT CMB,6'2"-6'10" TOP		
WEIGHT (Lbs.): 74.05	SEGMENT CODE: PLR	PART NUMBER: GL65LT74

INSTR. NUMBER : 68554		PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	GL-CVDS	GL-CVPS
PART NUMBER : GL-CVDS & GL-CVPS				1	66359	GRIP LOCK FRONT BRACE ASSM CS	1	-
				2	66360	GRIP LOCK REAR BRACE ASSM CS	1	-
PART • GRIP LOCK, COMPACT VAN, DS DESC. • GRIP LCOK, COMPACT VAN, PS				3	66291-W	GRIP LOCK HANDLE, WHITE	1	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				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 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.

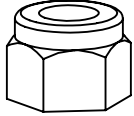
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

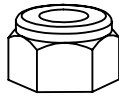
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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**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



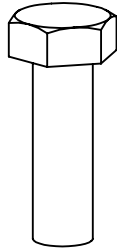
FAS0399
3/8-16 SS
NYL NUT
QTY: 1



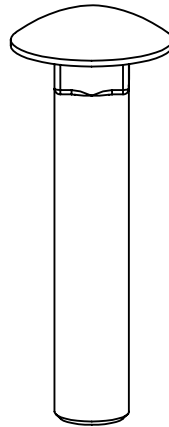
FAS0552
5/16 SS
FLAT WASHER
QTY: 16



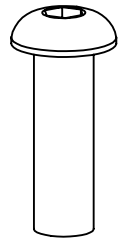
FAS0588
5/16 SS
SPLIT WASHER
QTY: 4



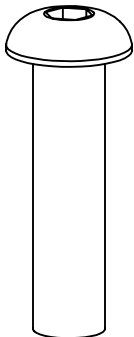
FAS0597
5/16-18 X 1.0 SS
HH SCREW
QTY: 2



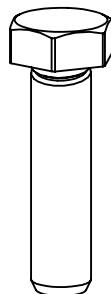
FAS0721
3/8-16 X 2.0 SS
CRG BOLT
QTY: 1



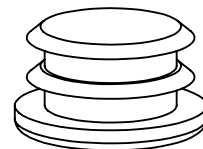
FAS0813
5/16-18 X 1.0 SS
BHC SCREW
QTY: 4



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



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



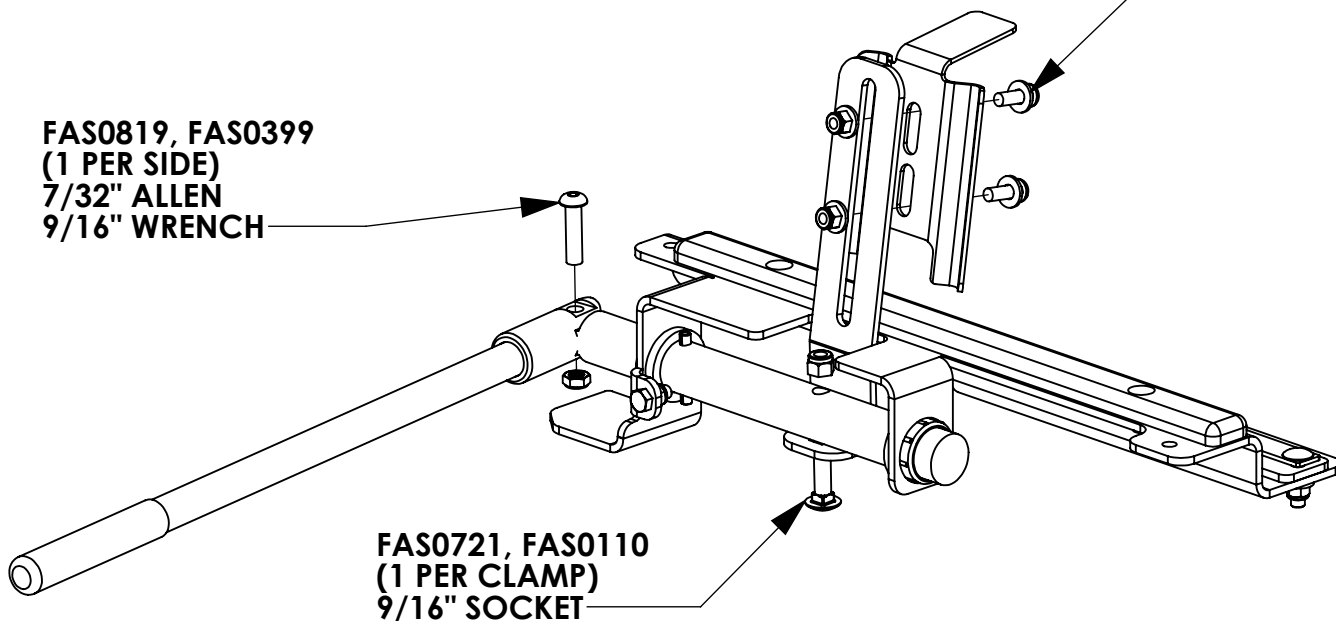
51363
1" RND BLK
CAP PLUG
QTY: 1

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

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

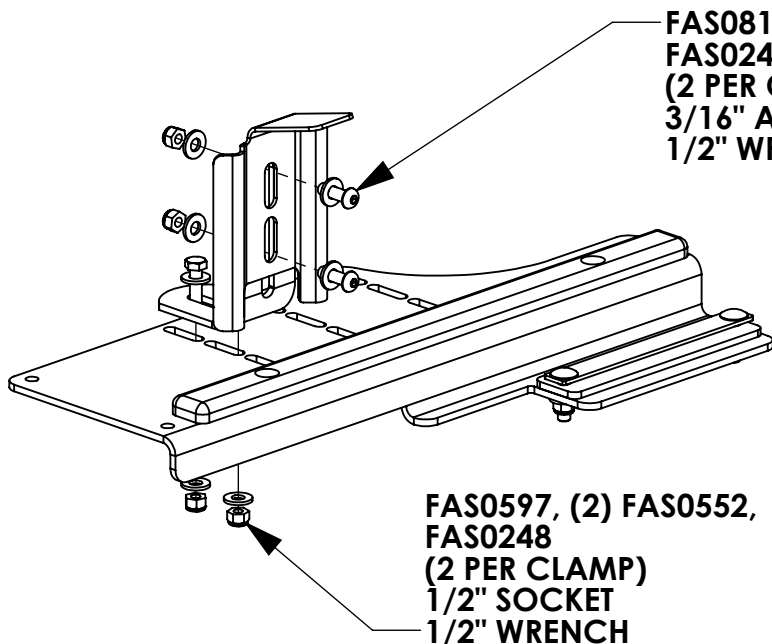
FAS0819, FAS0399
(1 PER SIDE)
7/32" ALLEN
9/16" WRENCH

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

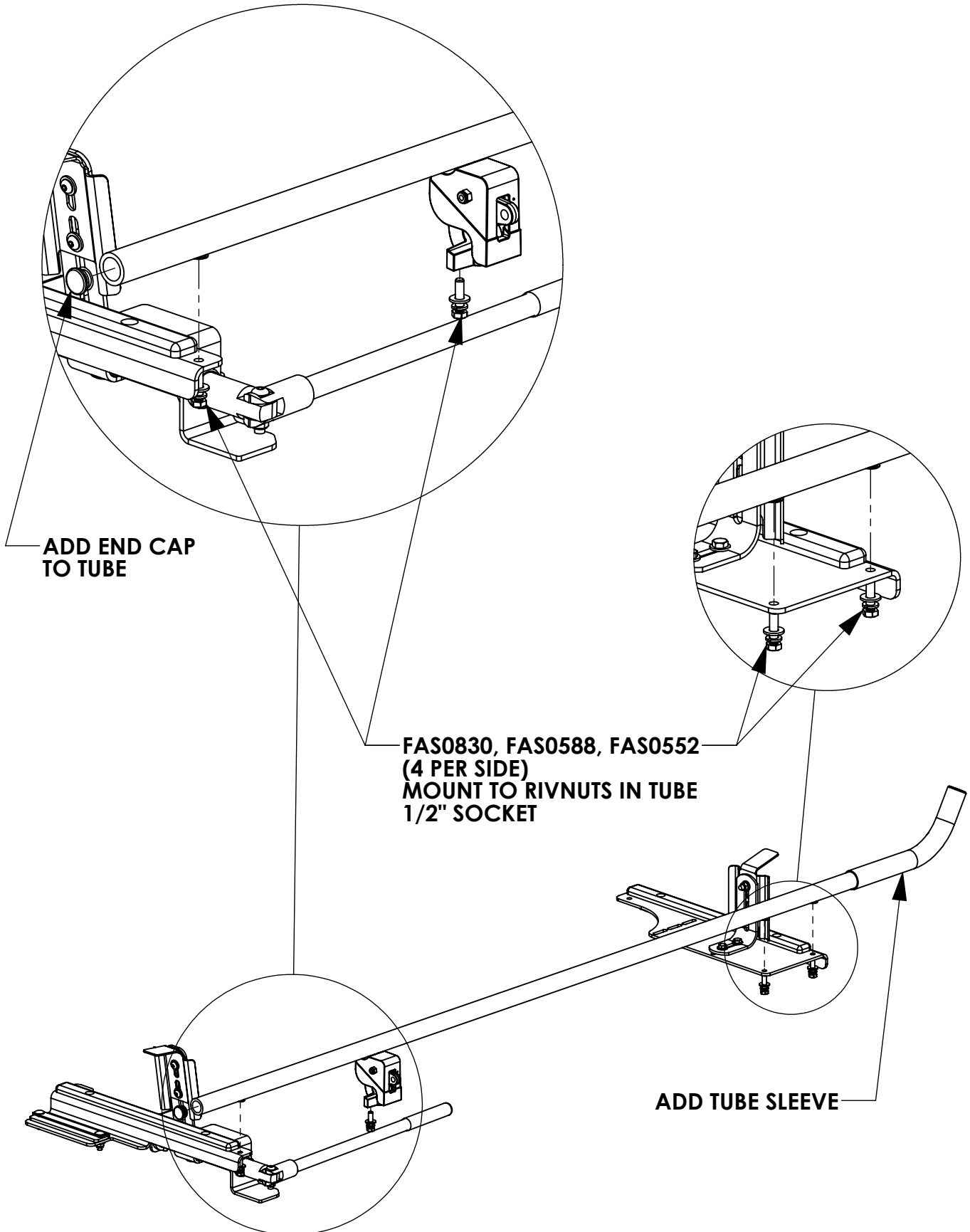
**STEP 2 - ASSEMBLE FRONT STOP**

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

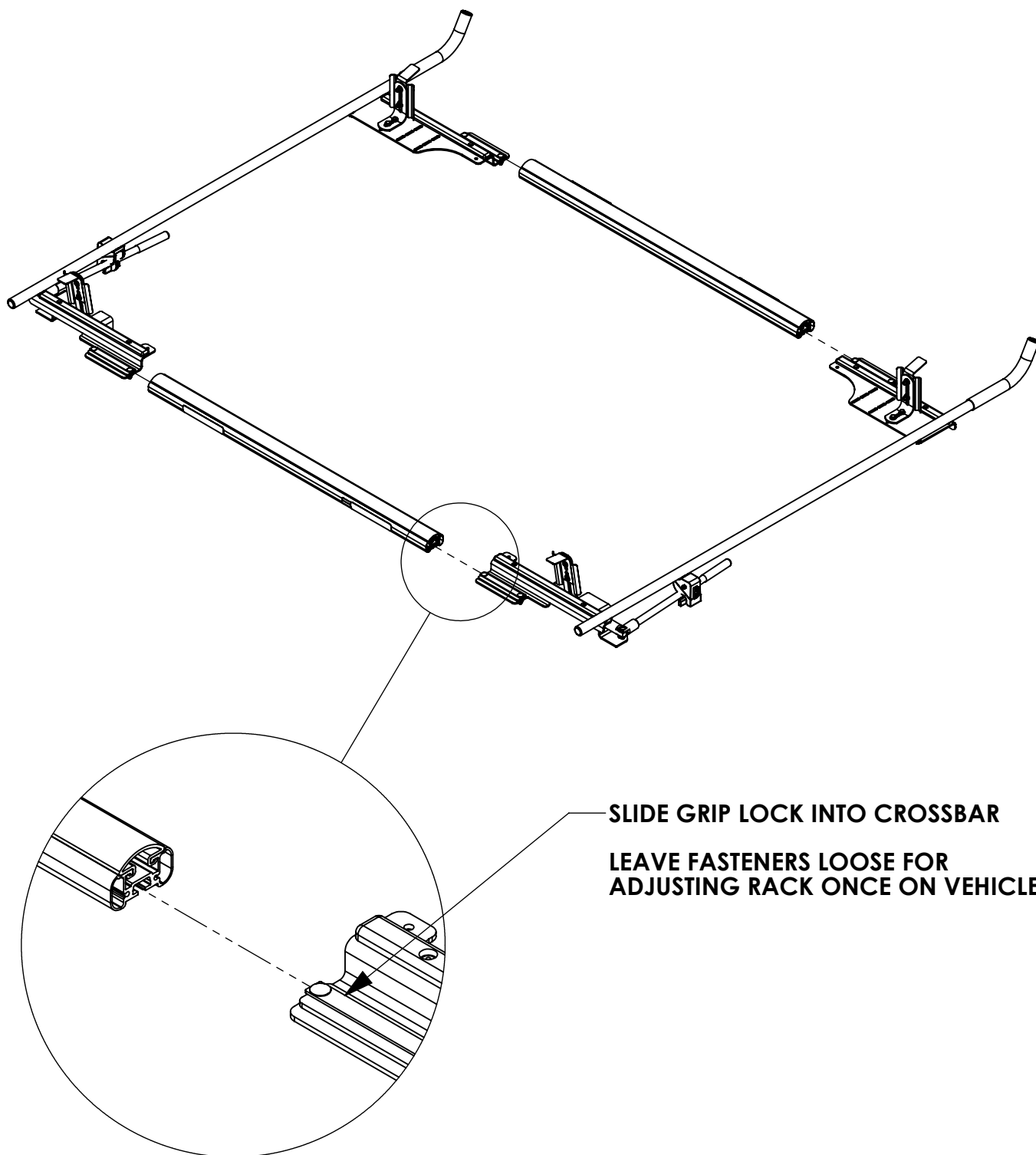
FAS0597, (2) FAS0552,
FAS0248
(2 PER CLAMP)
1/2" SOCKET
1/2" WRENCH



STEP 3 - ASSEMBLE OUTER TUBE

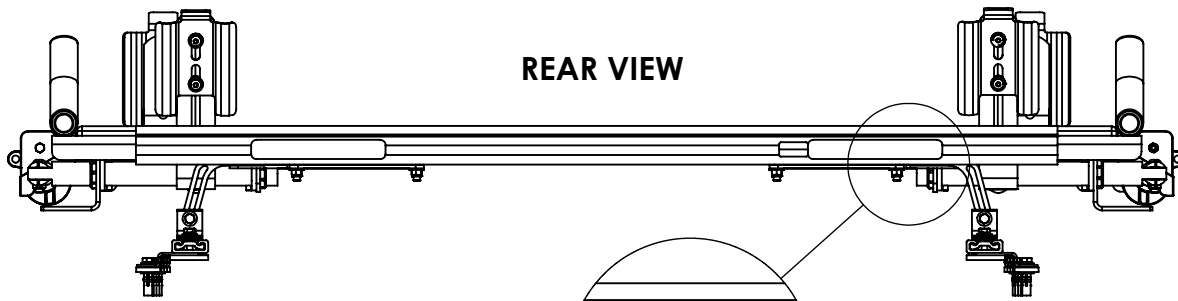


STEP 4 - INSTALL ON CROSSBOW

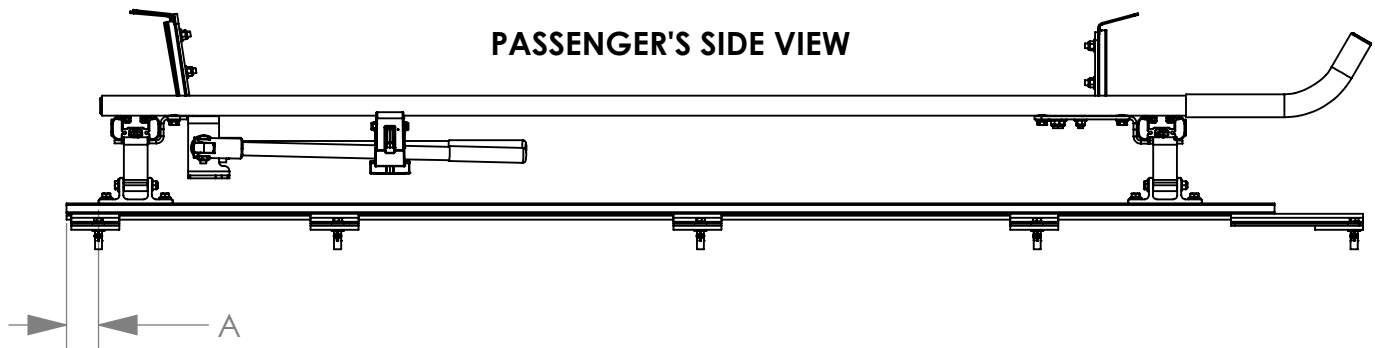


STEP 5 - MOUNTING DIMENSIONS GUIDE

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



Mounting Roof Rail Kit, 74", Multiple Pickups



PRODUCT WEIGHT

11.87 LBS

HEIGHT OFF ROOF

SEE TABLE BELOW

CAPACITY

500 LBS

COLOR

RAW

CATALOG NUMBER

RRKTOP74

PRODUCT FEATURES

Aluminum roof rail mounting kit for the PROFILE™ HD Utility, Grip-Lock, ProLift (coming soon), and combo ladder racks for pickup trucks with toppers. Must be mounted to the topper's welded in reinforcement plates. Works for truck beds that are between 74 inches and 81 inches in length!

Rail kit validated on ARE toppers ONLY! LEER toppers are in process of validation. All other topper brands have not been validated.

For cab high or +3" toppers. Toppers taller than this may not allow for rack to span entire intended width.

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



CATALOG NUMBER **RRKTOP74**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
White Kit Part Numbers		Black Kit Part Numbers	
Crossbow Kits			
2BARCW	2-Crossbar Kit, 48”, White, Minivan	2BARCB	2-Crossbar Kit, 48”, Black, Minivan
1BARCW	Single Crossbar Kit, 48”, White, Minivan	1BARCB	Single Crossbar Kit, 48”, Black, Minivan
Mounting Bracket Kits			
URMBK4W	Mounting Bracket Kit, 4-Pack, White, Multiple Vehicles	URMBK4B	Mounting Bracket Kit, 4-Pack, Black, Multiple Vehicles
URMBK2W	Mounting Bracket Kit, 2-Pack, White, Multiple Vehicles	URMBK2B	Mounting Bracket Kit, 2-Pack, Black, Multiple Vehicles
Ladder Stop & Upright Kits			
ULSKB	Single Ladder Stop Kit, Black	ULSKAB	Single Ladder Stop Kit, Black
4UPK4B	4” Upright Kit, 4-Pack, Black	4UPK4AB	4” Upright Kit, 4-Pack, Black
4UPK2B	4” Upright Kit, 2-Pack, Black	4UPK2AB	4” Upright Kit, 2-Pack, Black
6UPK4B	6” Upright Kit, 4-Pack, Black	6UPK4AB	6” Upright Kit, 4-Pack, Black
6UPK2B	6” Upright Kit, 2-Pack, Black	6UPK2AB	6” Upright Kit, 2-Pack, Black
9UPK4B	9” Upright Kit, 4-Pack, Black	9UPK4AB	9” Upright Kit, 4-Pack, Black
9UPK2B	9” Upright Kit, 2-Pack, Black	9UPK2AB	9” Upright Kit, 2-Pack, Black
RSK1B	Single Ratchet Upright Kit, 9”, Black	RSK1AB	Single Ratchet Upright Kit, 9”, Black
Grip-Lock Kits			
GL-CVPS	Passenger Side Grip-Lock Kit, White, Minivans	GL-CVPSB	Passenger Side Grip-Lock Kit, Black, Minivans
GL-CVDS	Driver Side Grip-Lock Kit, White, Minivans	GL-CVDSB	Driver Side Grip-Lock Kit, Black, Minivans

Continued on Page 3



CATALOG NUMBER

RRKTOP74

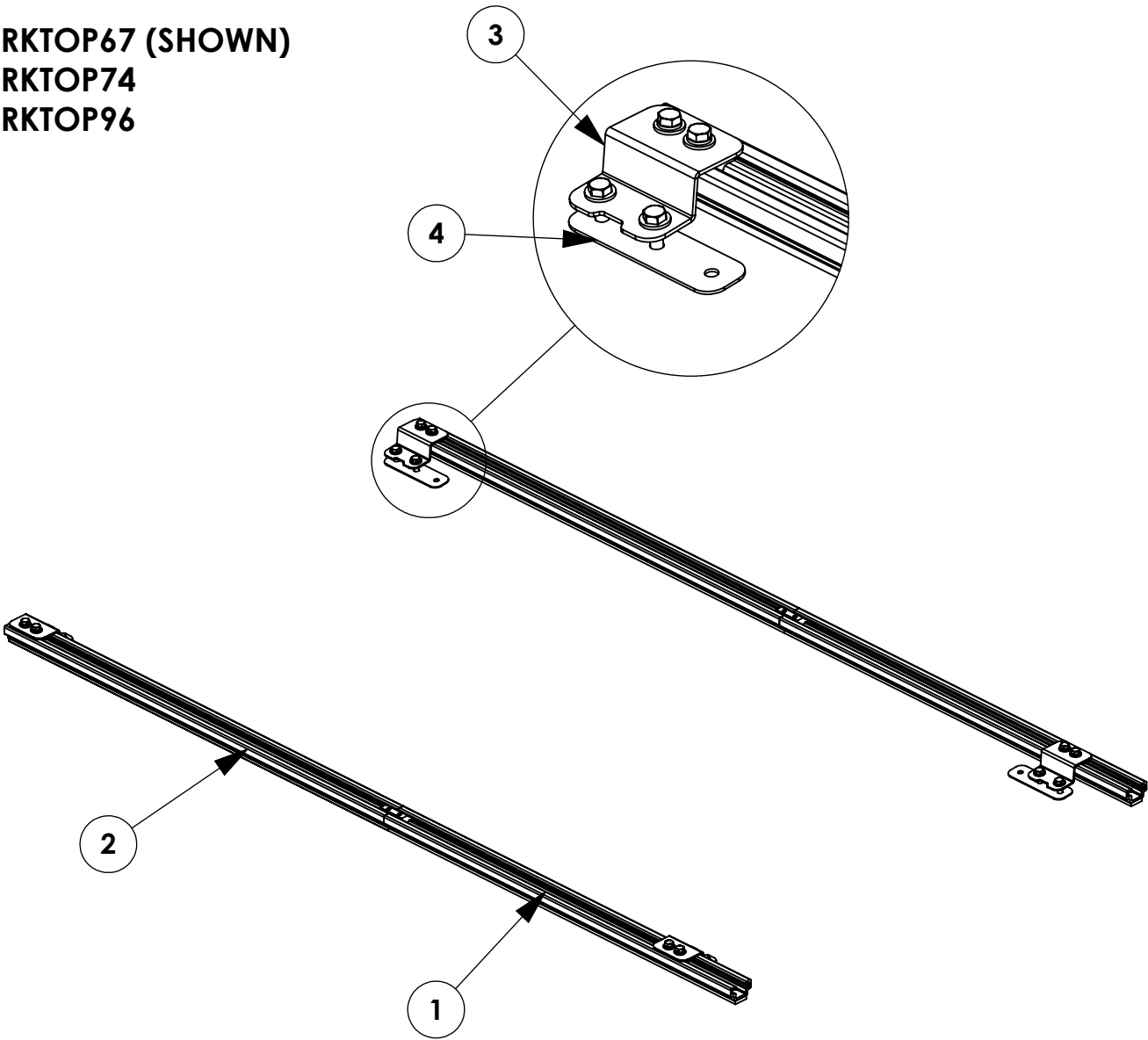
LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

CONFIGURATION	RACK HEIGHT
Base Rack	6.6"
Base + Ladder Stop	12.1"
Base + 4" Uprights	10.1"
Base + 6" Uprights	12.1"
Base + 9"/Ratchet Uprights	15.1"
Base + Grip-Lock	13.3"

INSTR. : 69250		PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	RRKTOP67	RRKTOP74	RRKTOP96
RRKTOP67 PART : NUMBER : RRKTOP74 RRKTOP96				1	BLK69242	RAIL, 32.00	2	-	-
				2	BLK66194	RAIL, 35.00	2	2	-
				3	69241	TOPPER RAIL BRACKET	4	4	4
PART : DESC. : • ROOF RAIL KIT,TOPPER,67" • ROOF RAIL KIT,TOPPER,74" • ROOF RAIL KIT,TOPPER,96"				4	66056	UTILITY, TOP SUPPORT PLATE	4	4	4
				5	BLK66067	RAIL, 39.00	-	2	-
				6	63373	ROOF RAIL PM 118, 159, 159EXT	-	-	4

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:

- RRKTOP67 (SHOWN)
- RRKTOP74
- RRKTOP96



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.

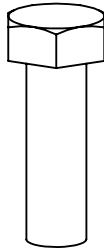
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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

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



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



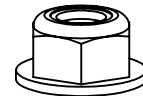
FAS0830
5/16-18X1.25 SS
SCREW, HH
QTY: 8



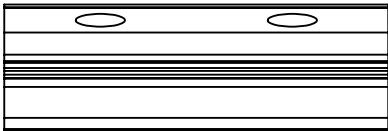
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



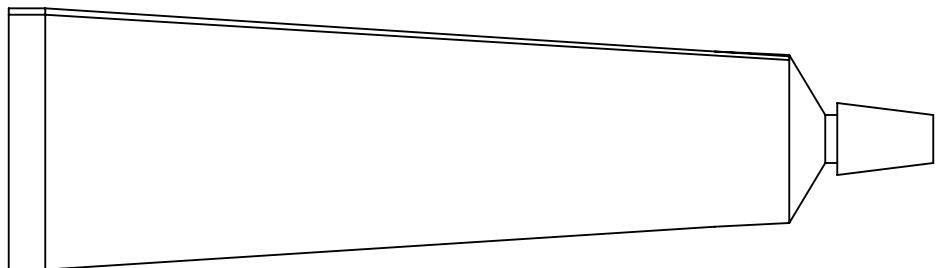
FAS0552
5/16 SS
FLAT WASHER
QTY: 16



FAS0861
5/16-18 SS
HH FLG NUT
QTY: 8

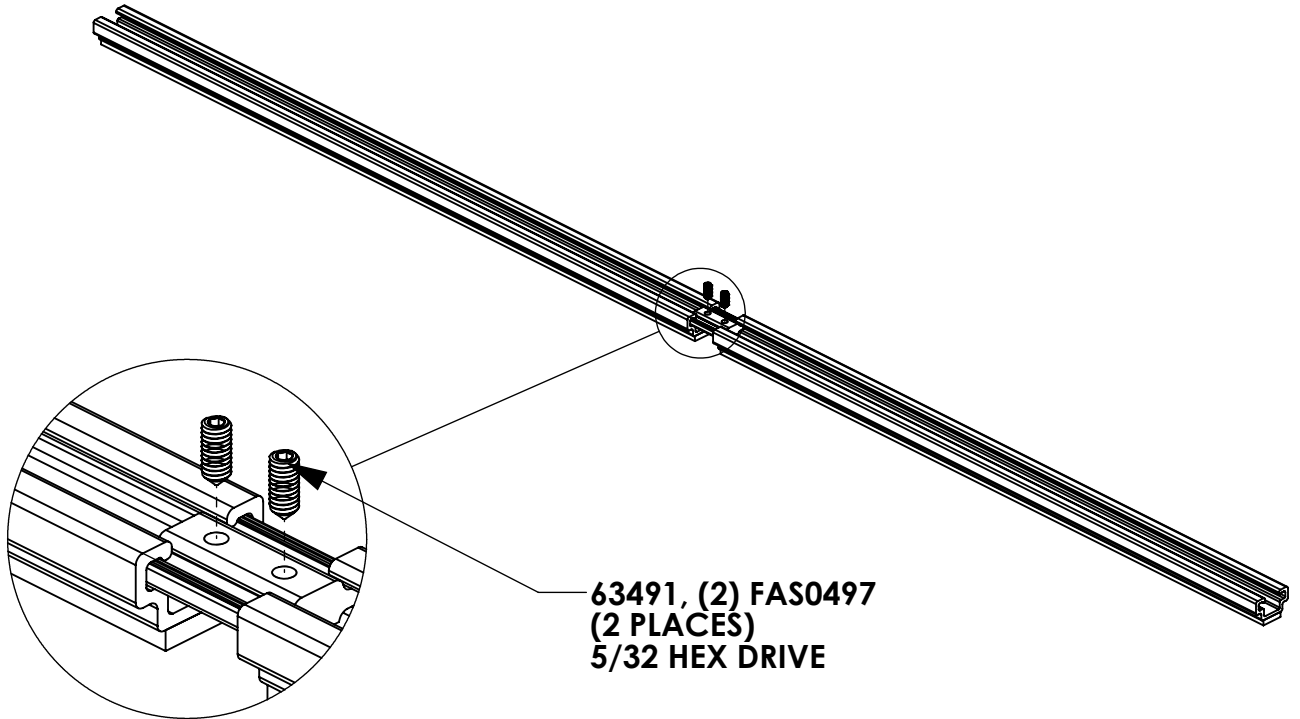


63491
RAIL SLIDE
2"
QTY: 6



26618-0
SILICONE
1 OZ TUBE
QTY: 1

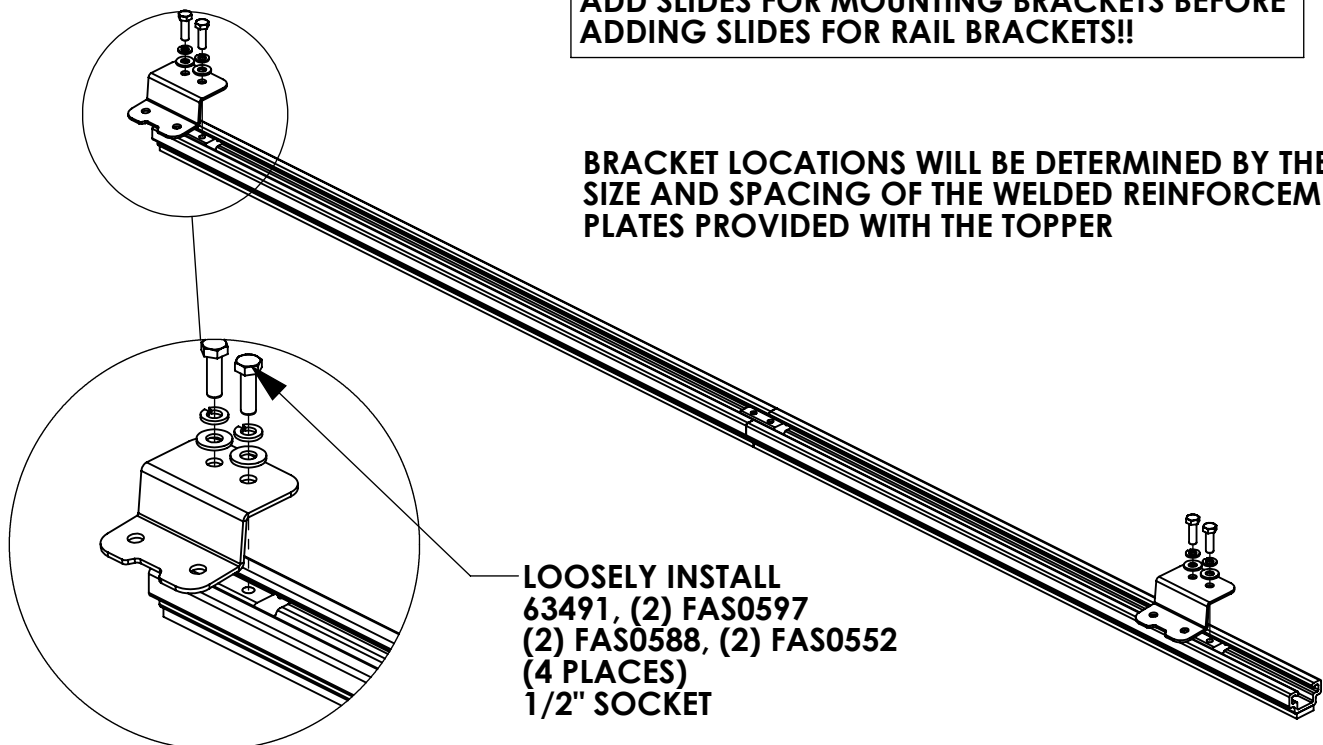
STEP 1 - CONNECT ROOF RAILS



STEP 2 - ASSEMBLE BRACKETS TO ROOF RAILS

**ADD SLIDES FOR MOUNTING BRACKETS BEFORE
ADDING SLIDES FOR RAIL BRACKETS!!**

**BRACKET LOCATIONS WILL BE DETERMINED BY THE
SIZE AND SPACING OF THE WELDED REINFORCEMENT
PLATES PROVIDED WITH THE TOPPER**



STEP 3 - MARK AND DRILL HOLES TO MOUNT RAILS**NOTE: INSIDE OF TOPPER SHOWN HERE**

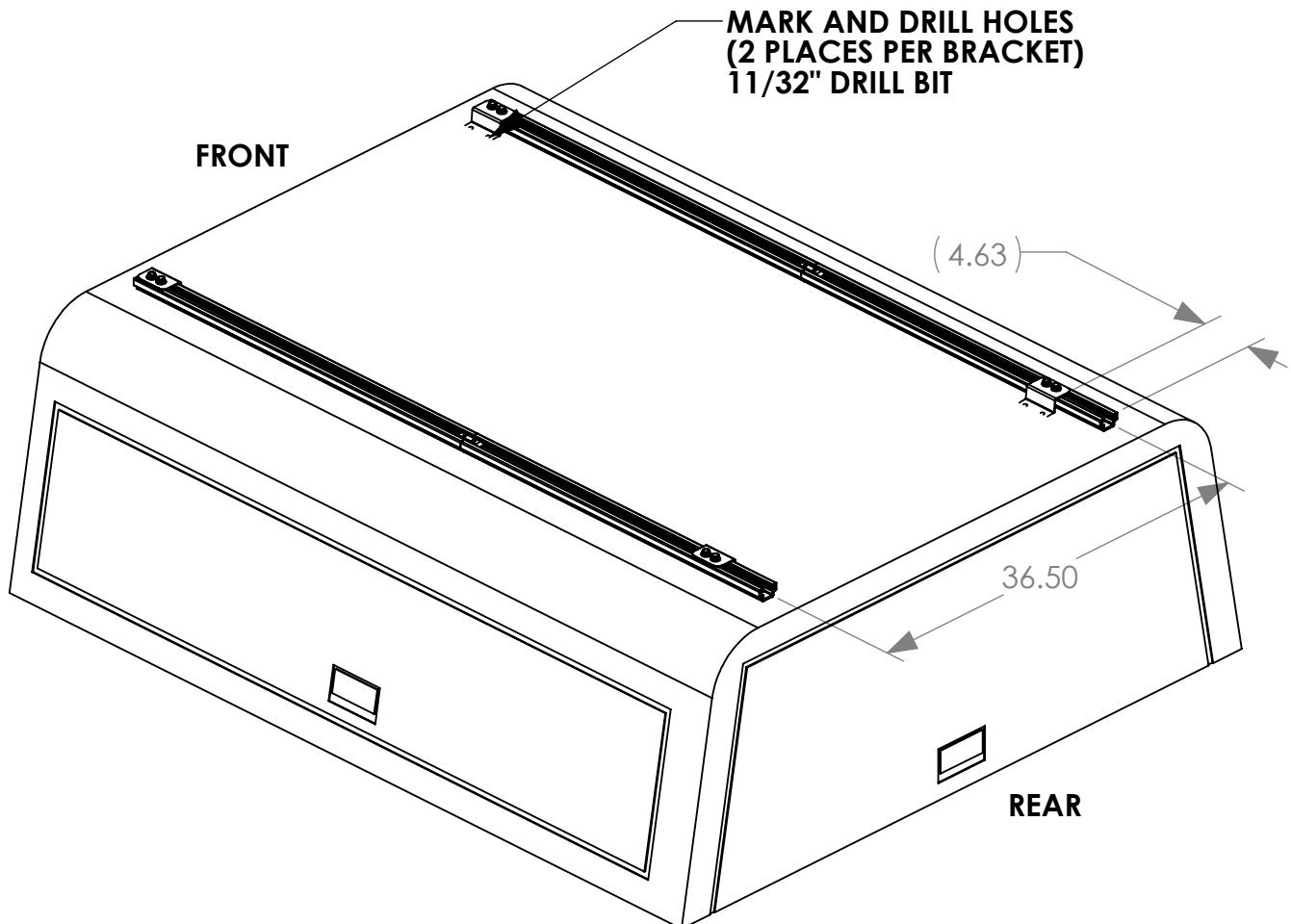
LOCATE THE REINFORCEMENT PLATES ON BOTH SIDES OF TOPPER (FRONT AND REAR).

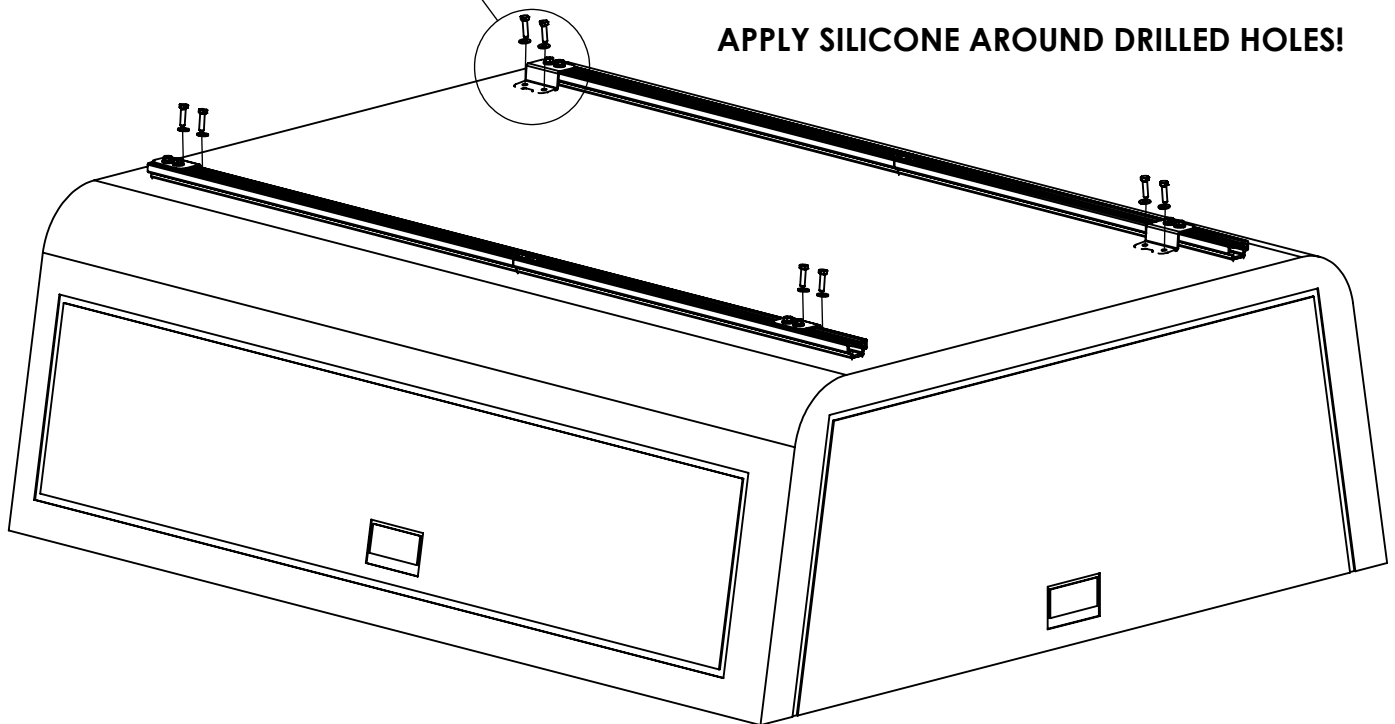
MOUNTING HOLES IN RAIL BRACKETS NEED TO BE ABOVE THESE WHEN INSTALLED!!!



SET RAILS WITH BRACKETS ON ROOF, CENTER-TO-CENTER DISTANCE OF RAILS MUST BE A MINIMUM OF 36.5", CENTERED ON THE TOPPER.

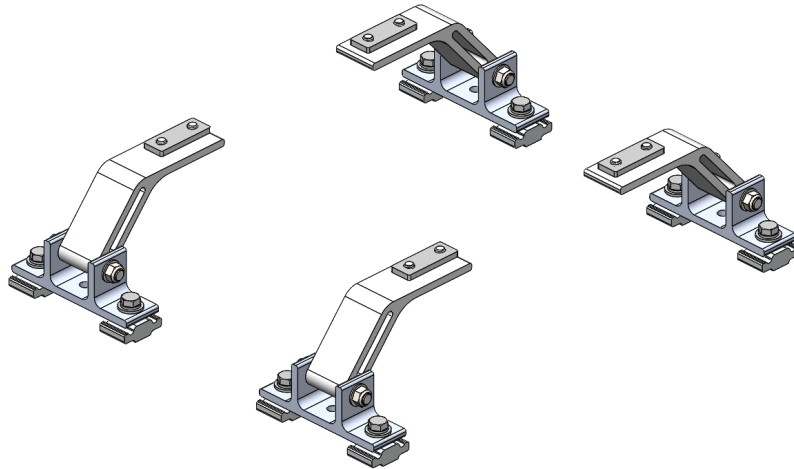
PLEASE ENSURE THE SPACING OF THE RAIL BRACKETS PROVIDE ENOUGH CLEARANCE FOR THE MOUNTING BRACKETS OF THE RACK TO BE INSTALLED. RACK SHOULD BE INSTALLED AS FAR REARWARD AS POSSIBLE.



STEP 4 - MOUNT RAILS TO TOPPER**NOTE: INSIDE OF TOPPER
SHOWN HERE****POSITION PLATE TO ALLOW THE MOST
SURFACE AREA OF THE PLATE TO CONTACT
THE WELDED REINFORCEMENT PLATES.****FAS0830, FAS0552, FAS0861
(2 PLACES PER BRACKET)
1/2" SOCKET
1/2" WRENCH****FULLY TIGHTEN BOLTS
(2 PLACES PER BRACKET)
1/2" SOCKET****POKE FASTENERS THROUGH FOAM TAPE.****APPLY SILICONE AROUND DRILLED HOLES!**



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 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. NUMBER : 66850	PG: 1	REV: E	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

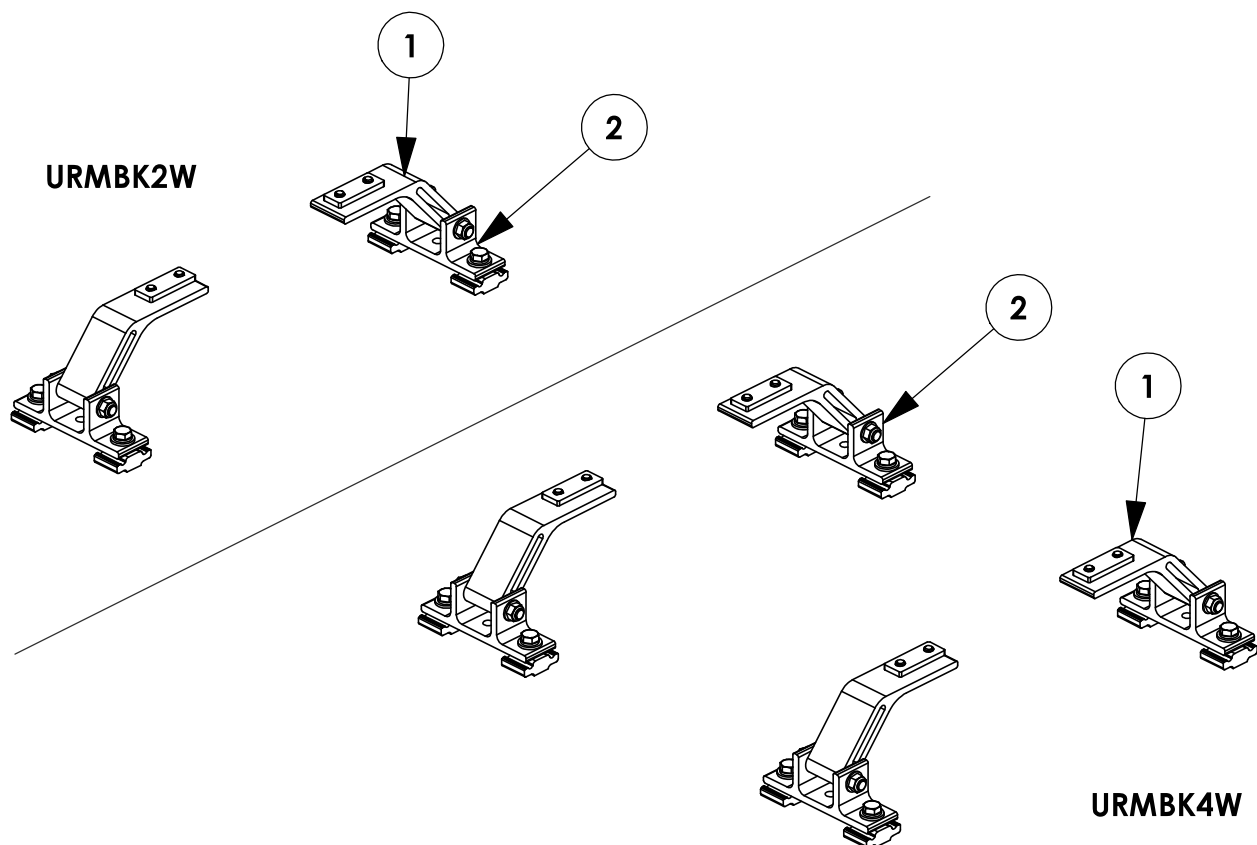
PART
NUMBER : **URMBK**

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).

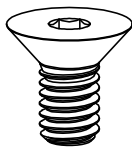
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

PAGE:

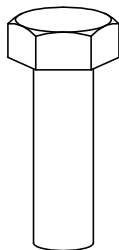
3

FASTENERS AND HARDWARE USED

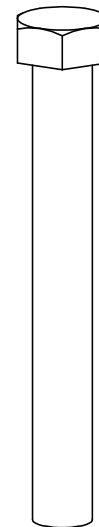
BAG REFERENCE: BAG66848



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



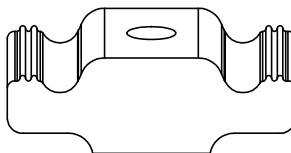
FAS0588
5/16 SS
SPLIT WASHER
QTY: 8



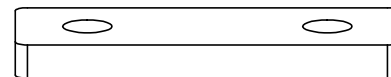
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



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

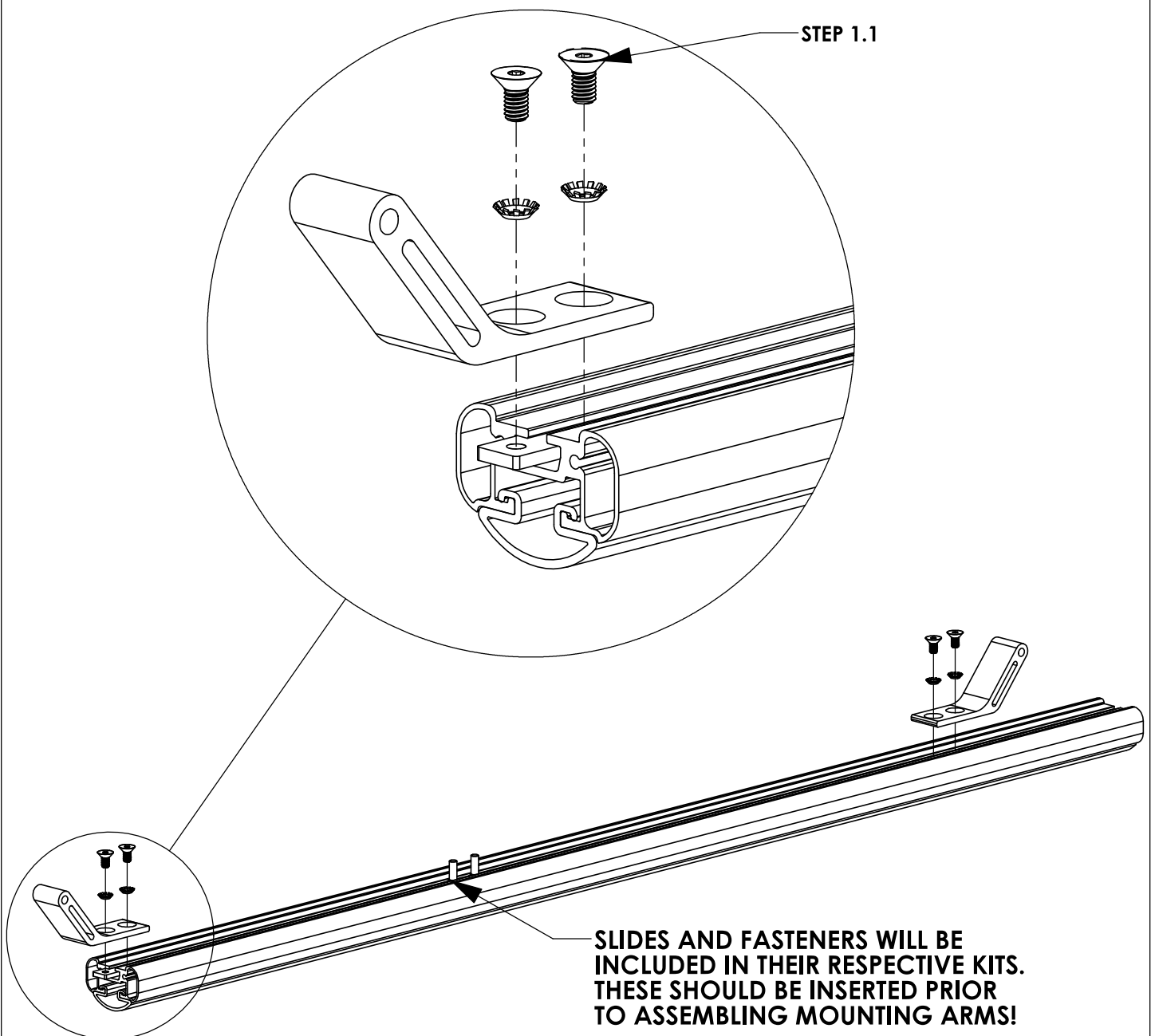
**LOOSELY ASSEMBLE
UNTIL AFTER STEP 3**

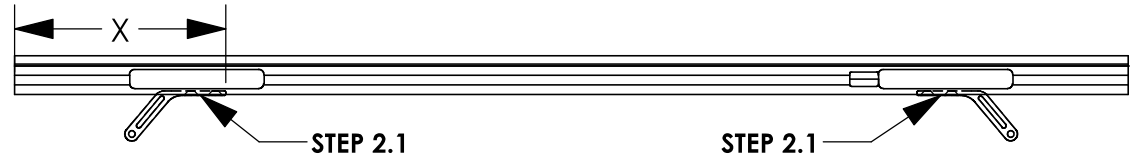
(2) FAS0857, (2)
FAS0858, 68042

(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"

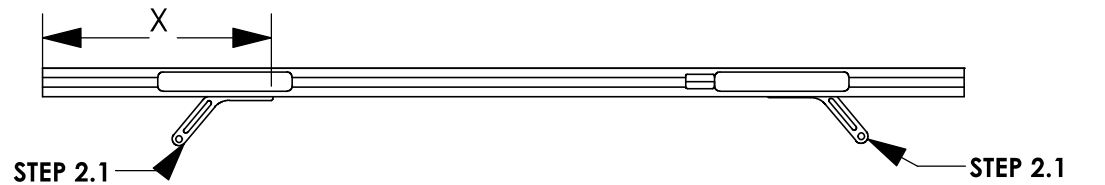
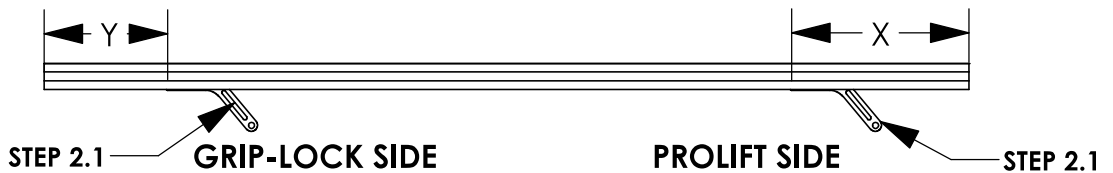
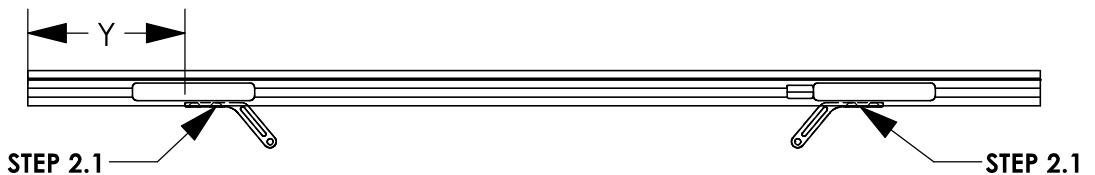
9 5/8"

**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**

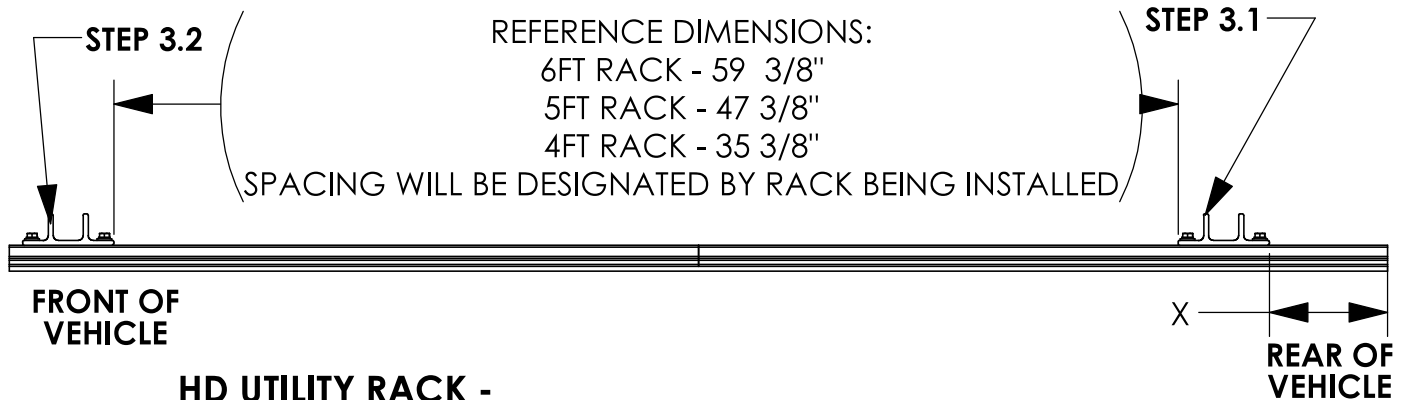
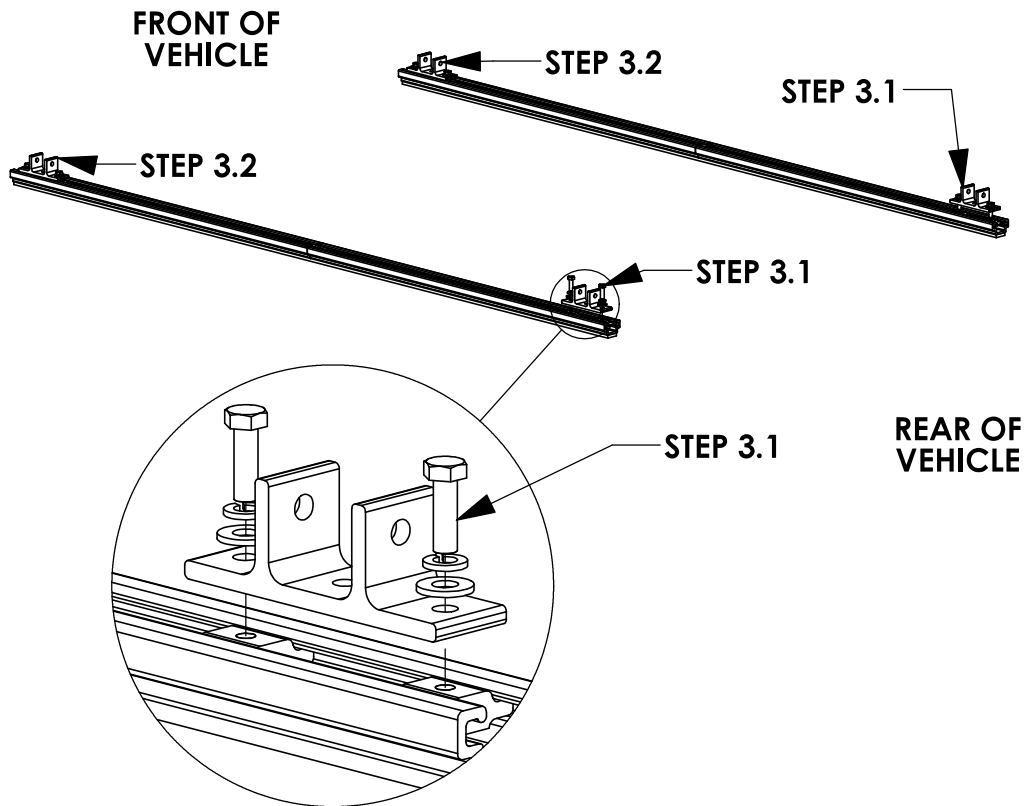
FAS0597, FAS0552,
FAS0588, 63490 ON
REAR MOUNTING FEET

(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

**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/ WHEELBASE	POSITION X (IN)	ROOF HEIGHT/ WHEELBASE	POSITION X (IN)	ROOF HEIGHT/ WHEELBASE	POSITION X (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)

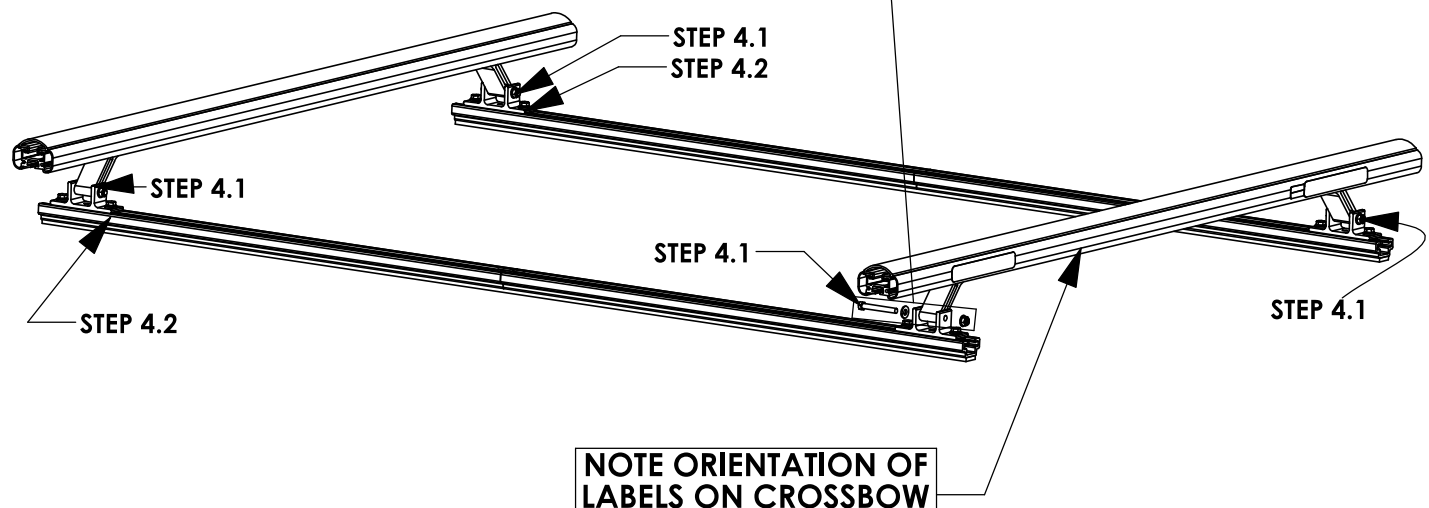
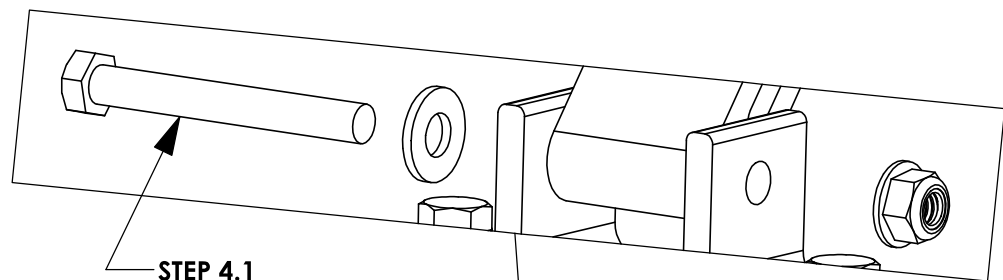
1/2" SOCKET
1/2" WRENCH

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

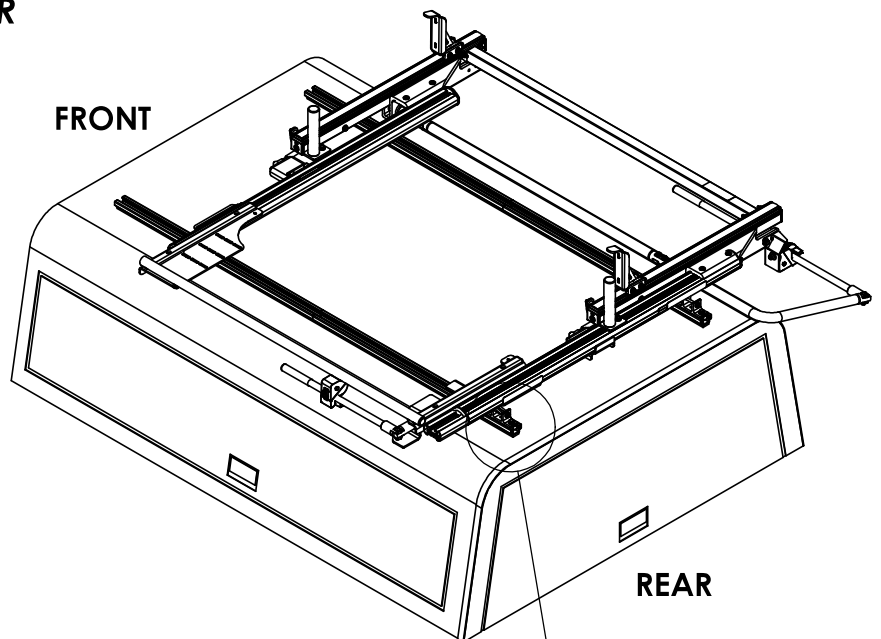
GRIP LOCK/PROLIFT LADDER RACKS -

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

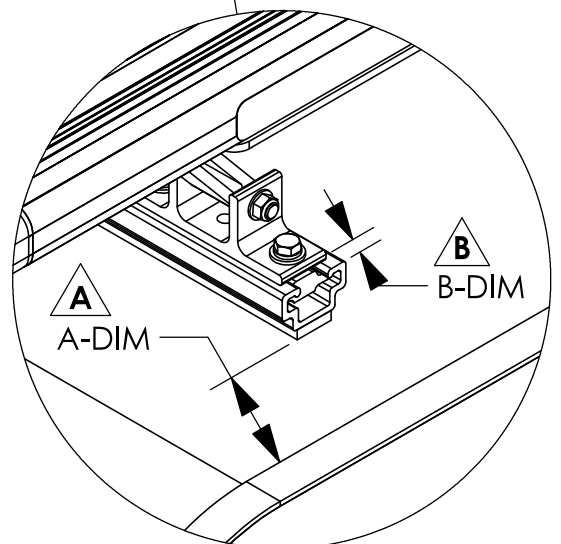
6' ARE TOPPER / 8' LEER TOPPER

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/ 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



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!

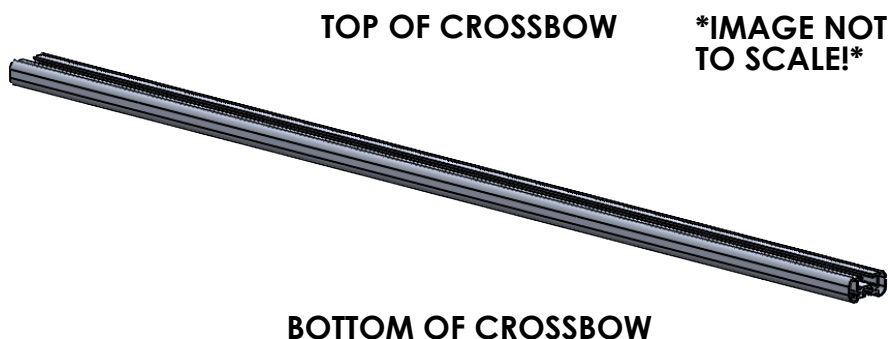


TABLE 1

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

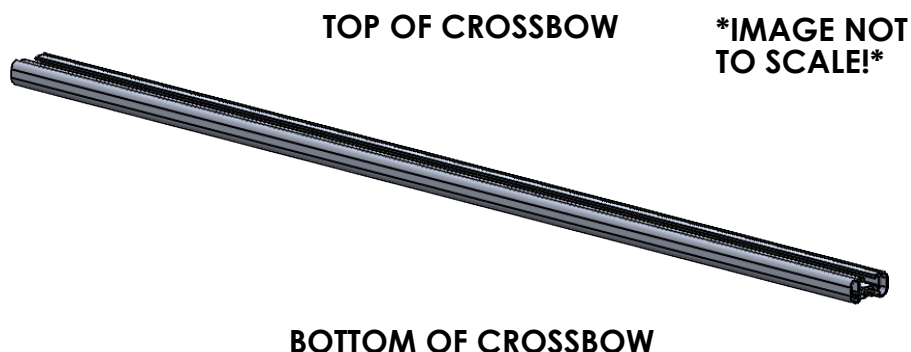
BOTTOM OF CROSSBOW

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!

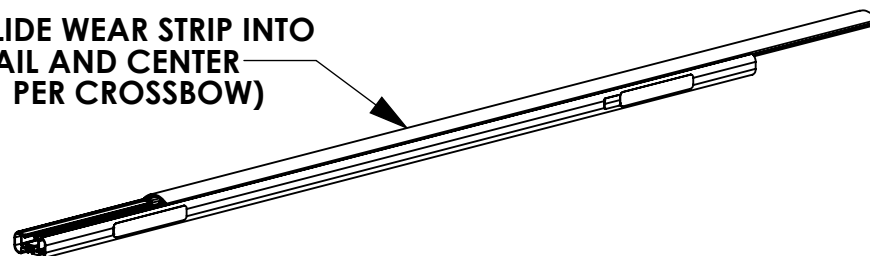


ALTER WEAR STRIP AND INSTALL ON CROSSBOW (IF APPLICABLE)! REFERENCE TABLE 3 BELOW FOR WEAR STRIP ALTERATION INSTRUCTIONS!

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



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

**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

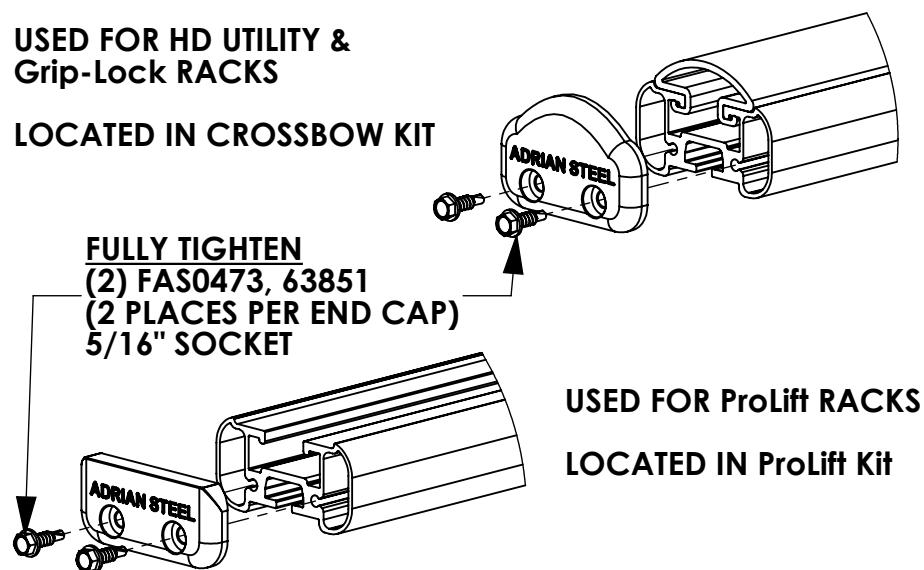
ASSEMBLY STEPS (FULL BENCH ASSEMBLY):

- 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)

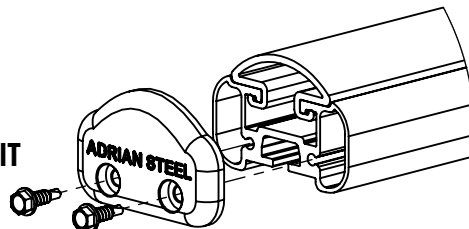
7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

8R. ASSEMBLE END CAPS TO CROSSBOW

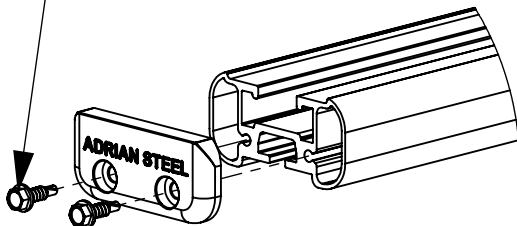
USED FOR HD UTILITY &
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT

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

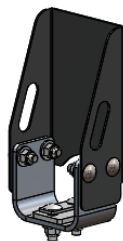


USED FOR ProLift RACKS
LOCATED IN ProLift Kit





6" Upright Kit, 2-Pack, Black



PRODUCT WEIGHT
4.6 LBS

WIDTH x DEPTH x HEIGHT
3.8" x 2.3" x 6"

CAPACITY
N/A

COLOR
BLACK

CATALOG NUMBER
6UPK2B

PRODUCT FEATURES

Galvannealed steel 6" uprights fully plastisol coated 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 6UPK2B

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

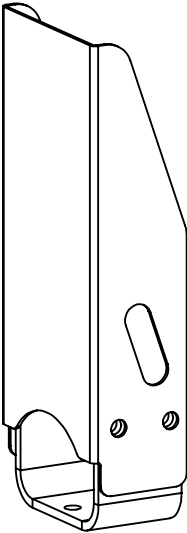
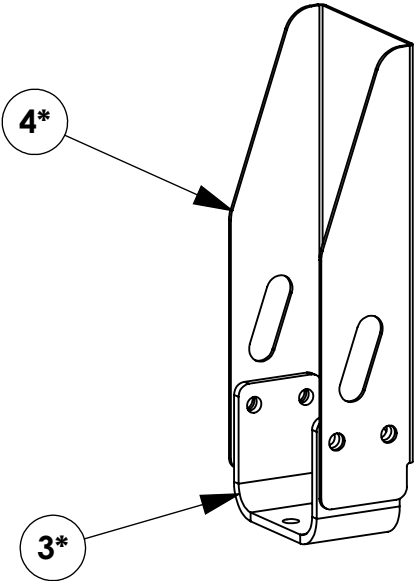
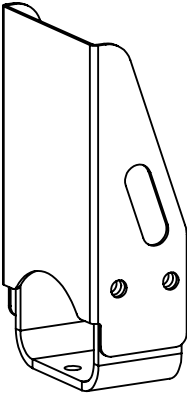
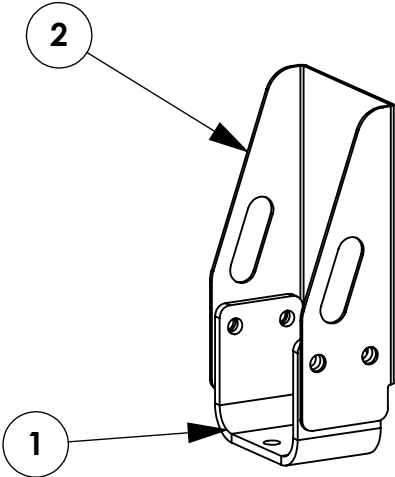
<i>CATALOG NUMBER</i>	<i>DESCRIPTION</i>
2BARW	2-Crossbar Kit, 68", White, Full Size Van
2BARCW	2-Crossbar Kit, 58", White, Minivan
1BARW	Single Crossbar Kit, 68", White, Full Size Van
1BARCW	Single Crossbar Kit, 58", White, Minivan

INSTR. NUMBER : 65319	PG: 1	REV: C	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	65120-W	UTILITY,UPR MOUNT BRKT,W	2
PART NUMBER • 6UPK2B • 9UPK2B			2	63848-B	UTILITY, UPRIGHT, 6", B	2
			3*	65120-W	UTILITY,UPR MOUNT BRKT,W	2
PART • UTILITY,6" UPRIGHT KIT,2B DESC. • UTILITY,9" UPRIGHT KIT,2B			4*	64060-B	UTILITY, UPRIGHT, 9", B	2

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

- 6UPK2B (SHOWN)**
- 6UPK4B**
- 9UPK2B**
- 9UPK4B**

ITEMS NOTED (#*) ARE PART OF 9UPK2B



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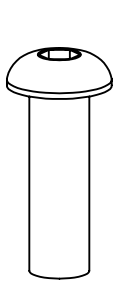
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

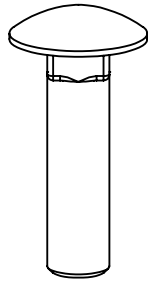
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

QUANTITIES ARE LISTED FOR 6UPK2B / 9UPK2B.
QUANTITIES WILL VARY BASED ON NUMBER OF UPRIGHTS



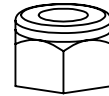
FAS0813
5/16-18x1.0 SS
BHCS SCREW
QTY: 8



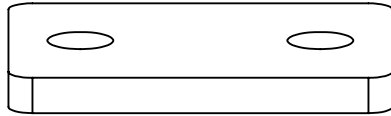
FAS0812
5/16-18x1.25 SS
CRG BOLT
QTY: 4



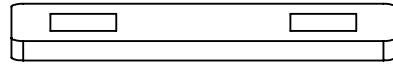
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



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



63933
UTILITY,
SPACER
QTY: 2

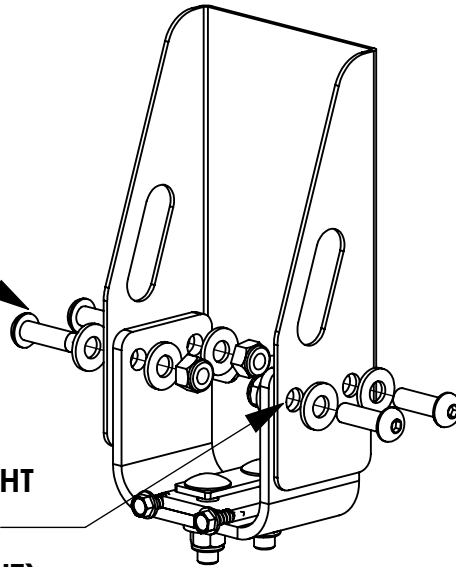


63934
UTILITY,
BOLT PLATE
QTY: 2

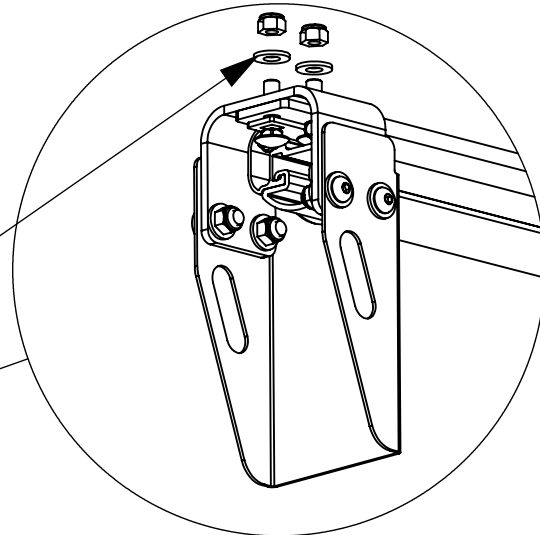
**BEGIN ASSEMBLY
STEP 1 - ASSEMBLE UPRIGHTS**

FAS0813, (2) FAS0552,
AND FAS0248
(4 PLACES PER UPRIGHT)
3/16 HEX DRIVE
1/2 SOCKET

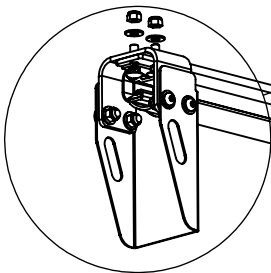
DRILL HOLES IN UPRIGHT
WITH 11/32" DRILL BIT
BEFORE ASSEMBLING!
(4 PLACES PER UPRIGHT)

**BEGIN INSTALLATION
STEP 2 - INSTALL UPRIGHTS**

(2) FAS0812, (2) FAS0552,
63933, 63934, & (2) FAS0248
(PER UPRIGHT)
1/2 SOCKET



ALIGN UPRIGHT WITH
EDGE OF CROSSBOW



NOTE: CROSSBOW AND RATCHET UPRIGHT ASSEMBLY
ARE SHOWN INVERTED FOR VISUAL PURPOSES

CONTINUE WITH INSTALLATION WITH THE MOUNTING KIT INSTRUCTIONS