

PAGE: **2**

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.

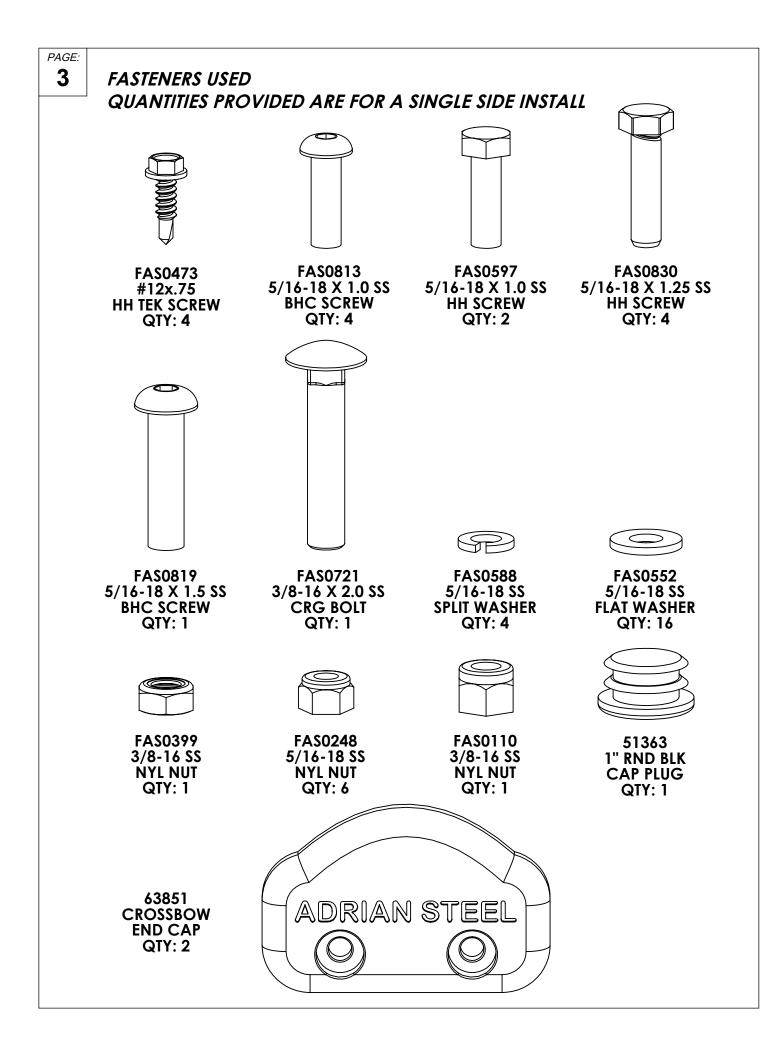
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

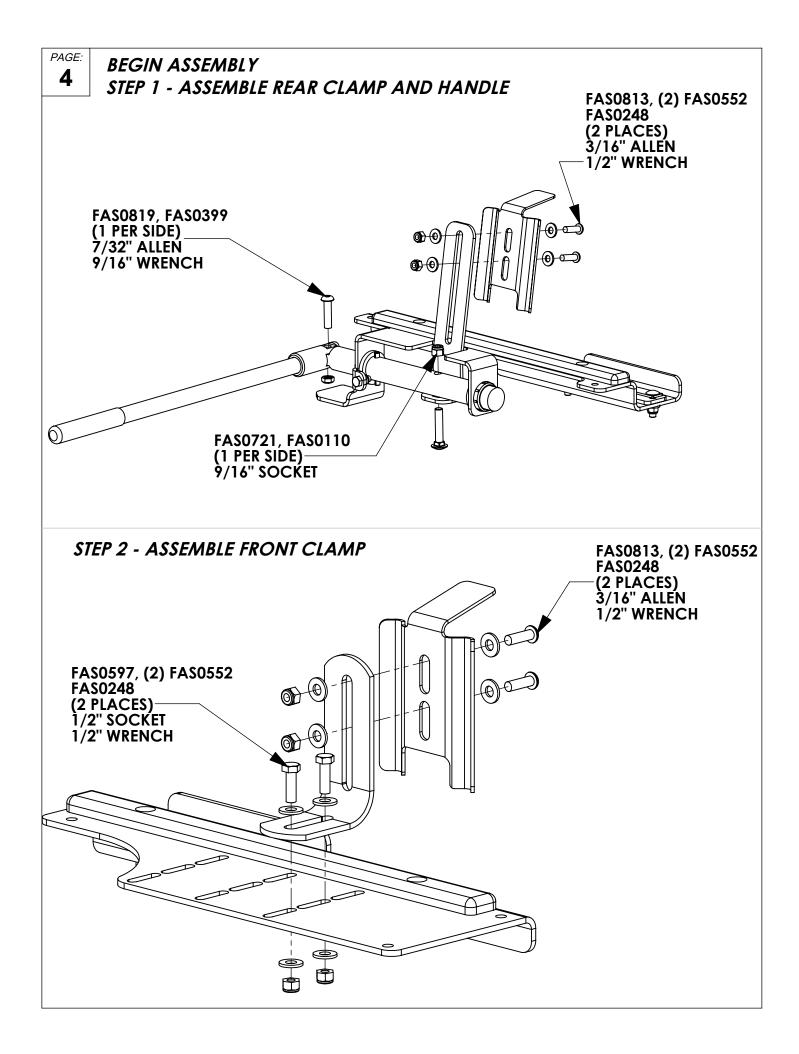
PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

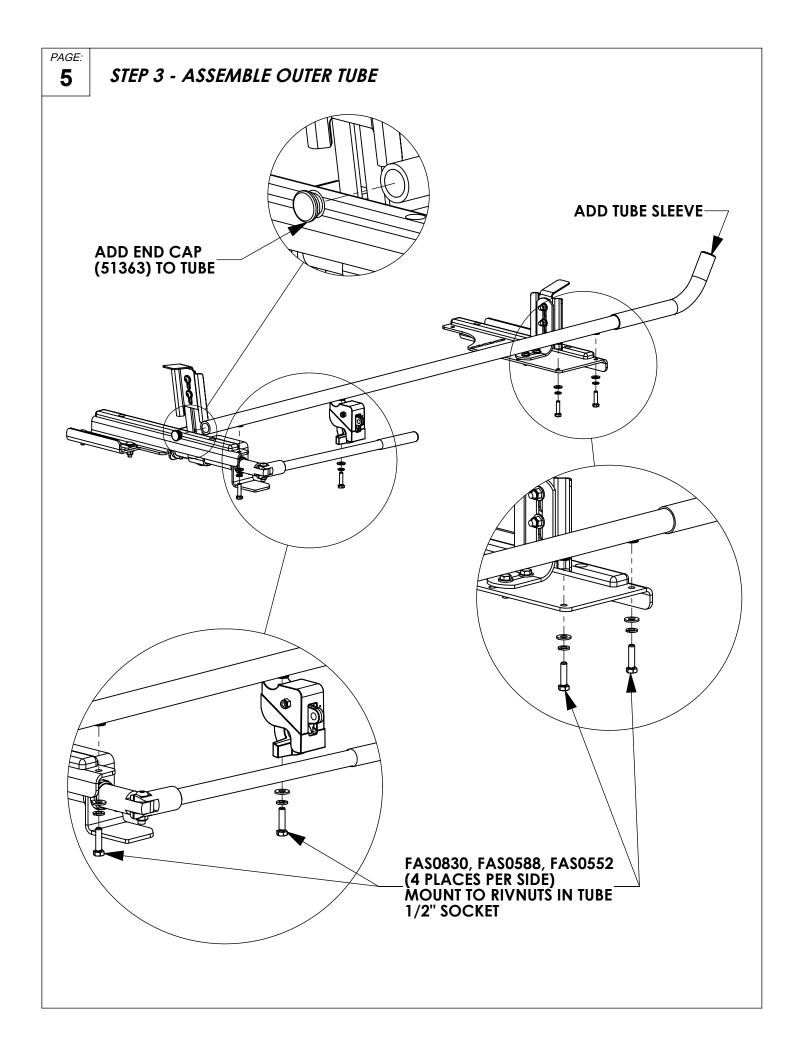
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

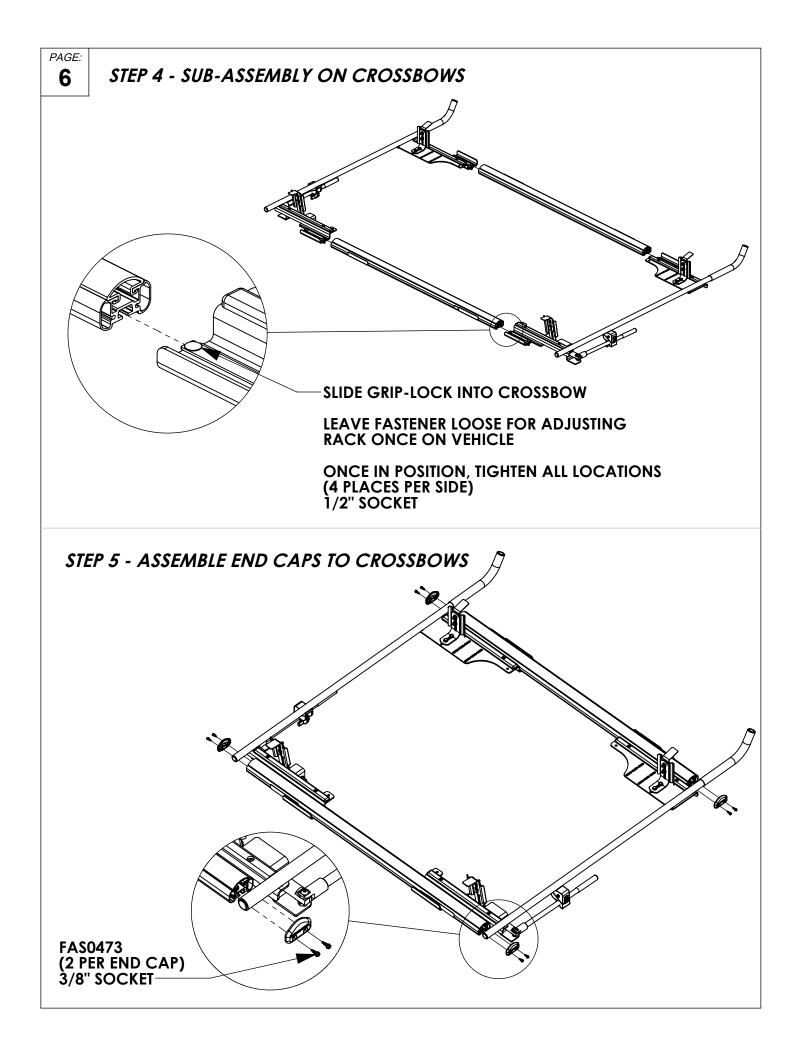
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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





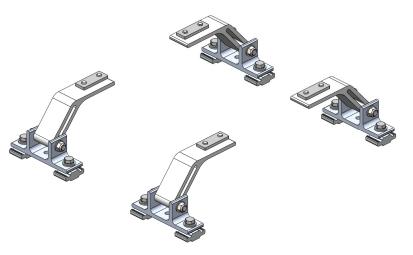






Mounting Bracket Kit, 4-Pack, Black, Multiple Pickups

> PRODUCT WEIGHT 4.0 LBS



HEIGHT OFF ROOF

SEE TABLE BELOW

CAPACITY REFER TO OEM'S RECOMMENDED LOAD RATING COLOR

BLACK

CATALOG NUMBER

URMBK4B

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 URMBK4B

PRODUCT APPLICATION

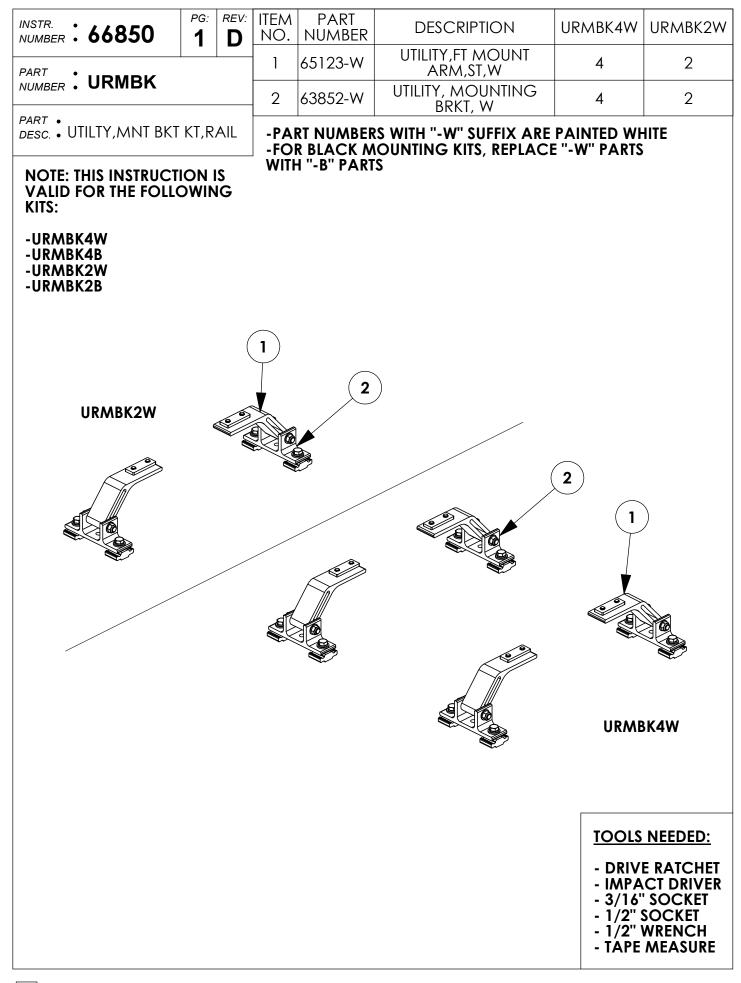
This product is designed to work with OEM specific rail kit for HD Utility, Grip-Lock, and/or ProLift racks. HD Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

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.

PAGE 2 of 2



BEST PRACTICES

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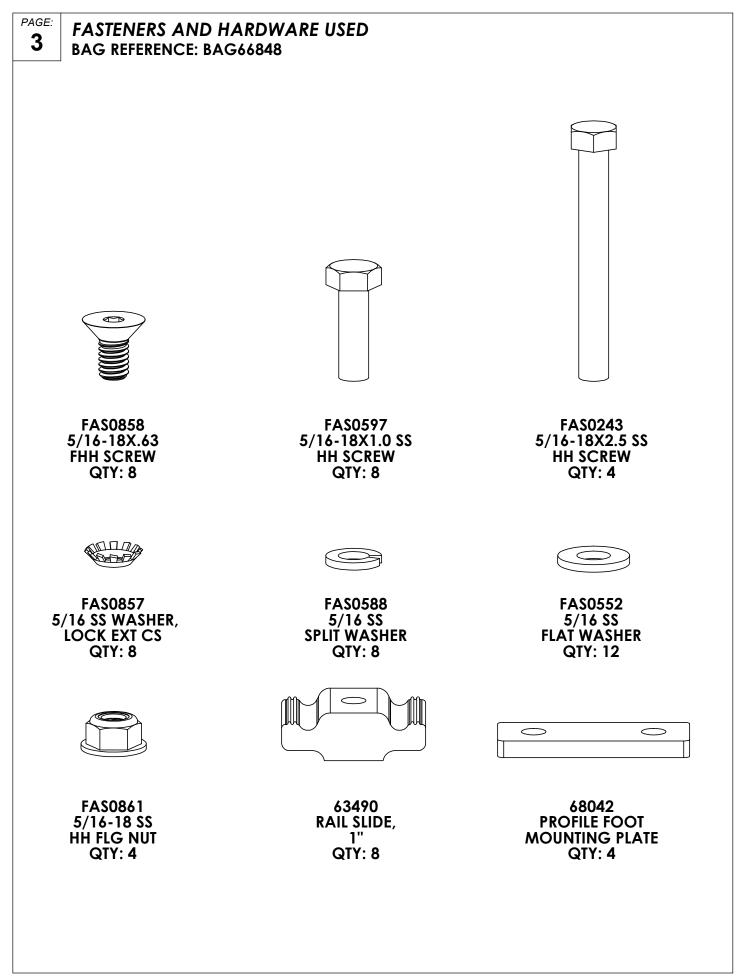
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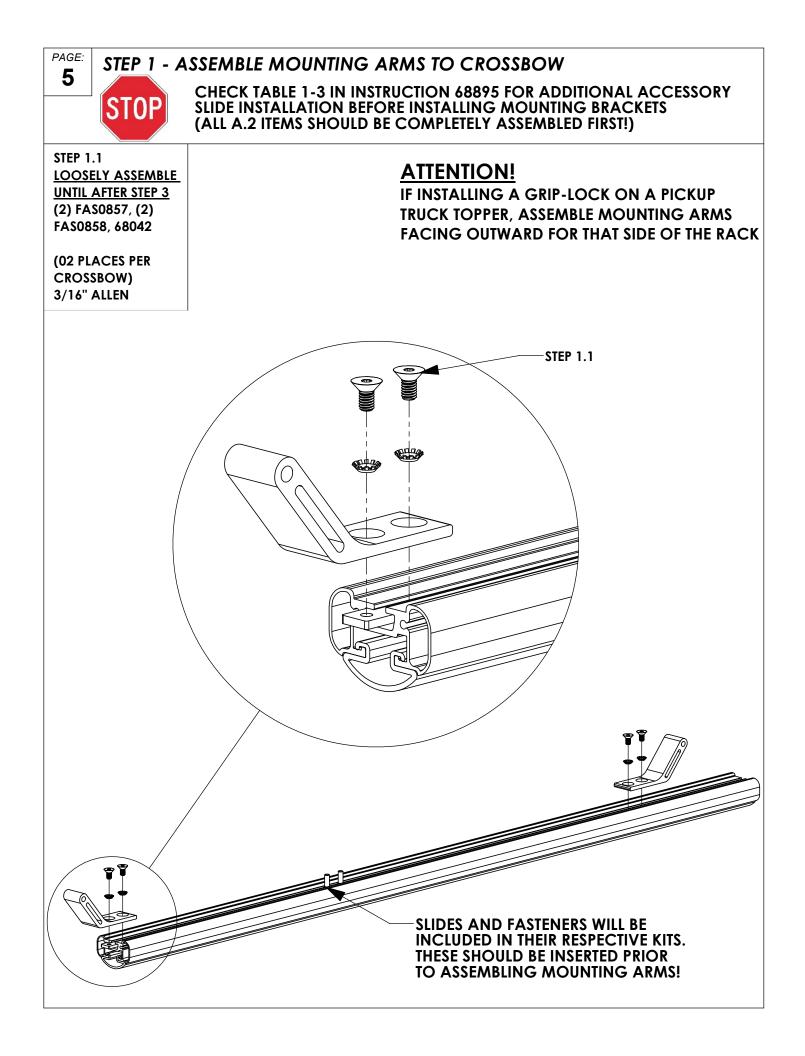
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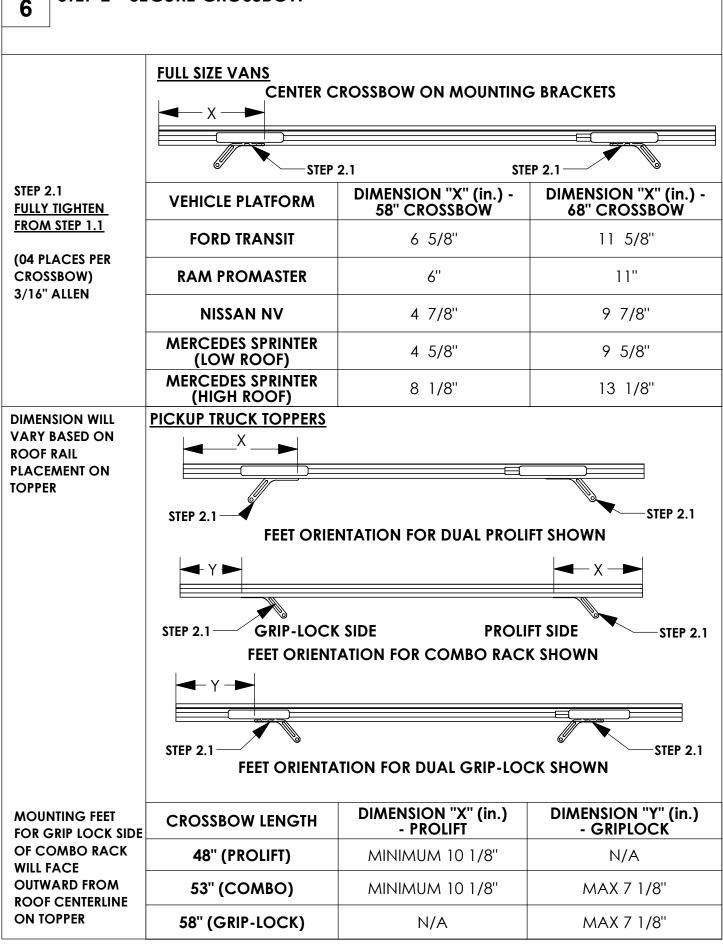
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR



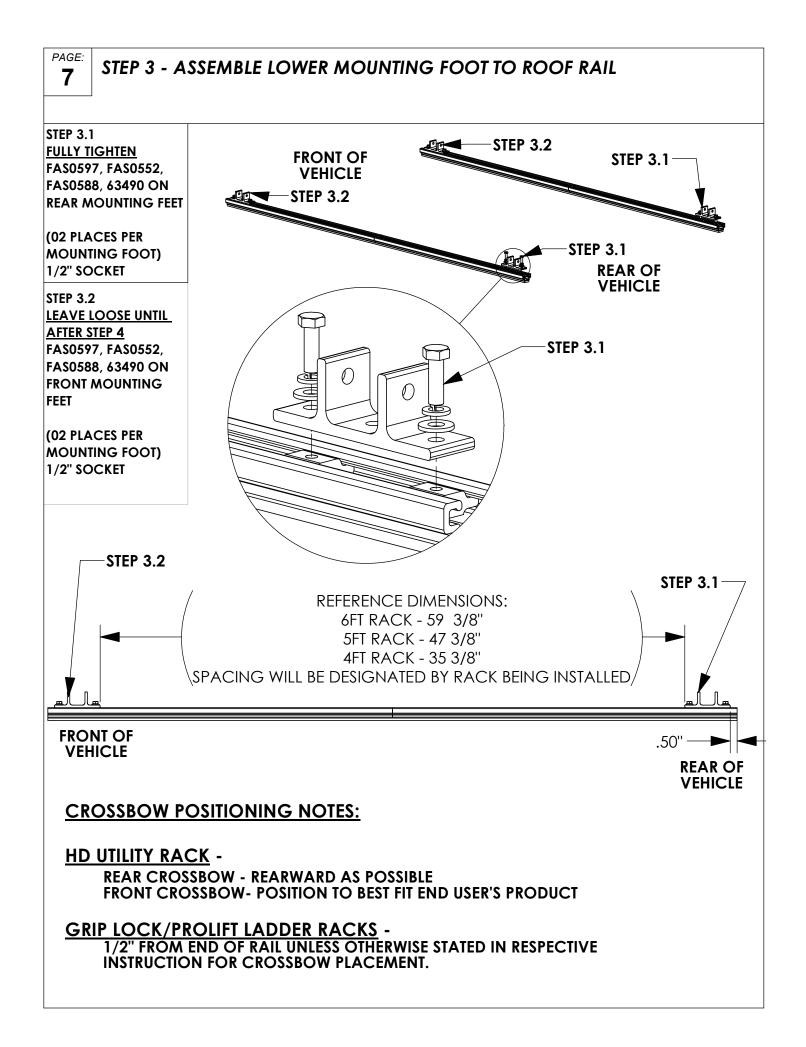
PAGE: 4		
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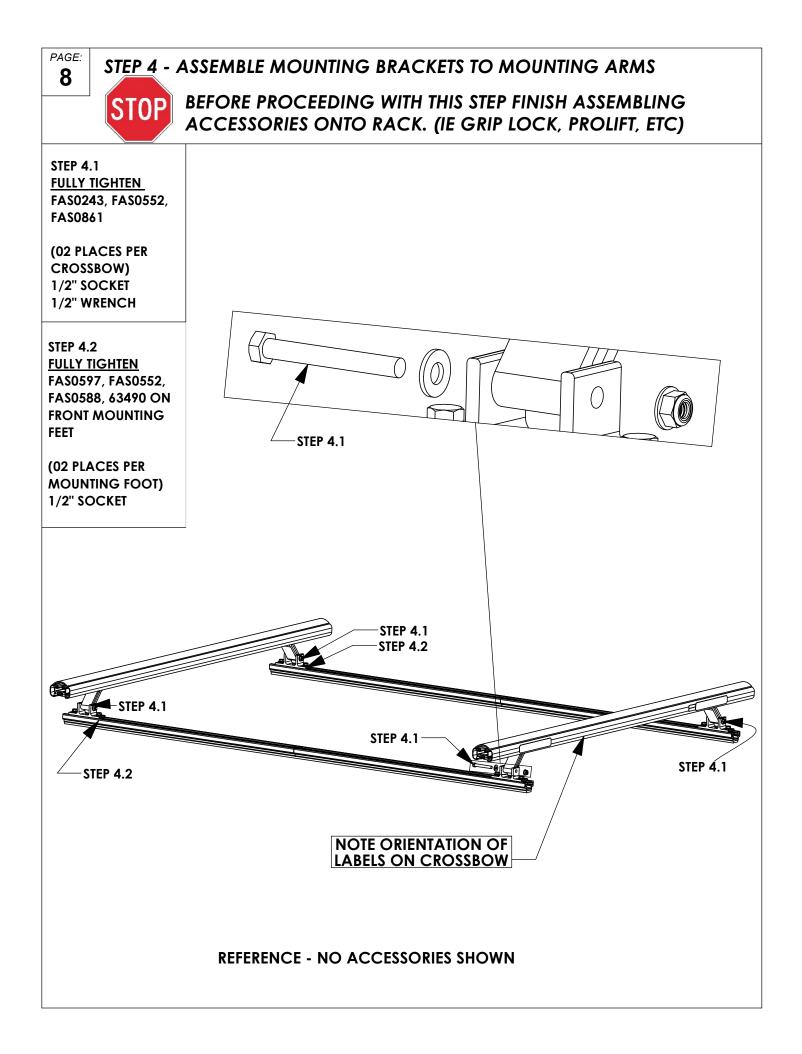






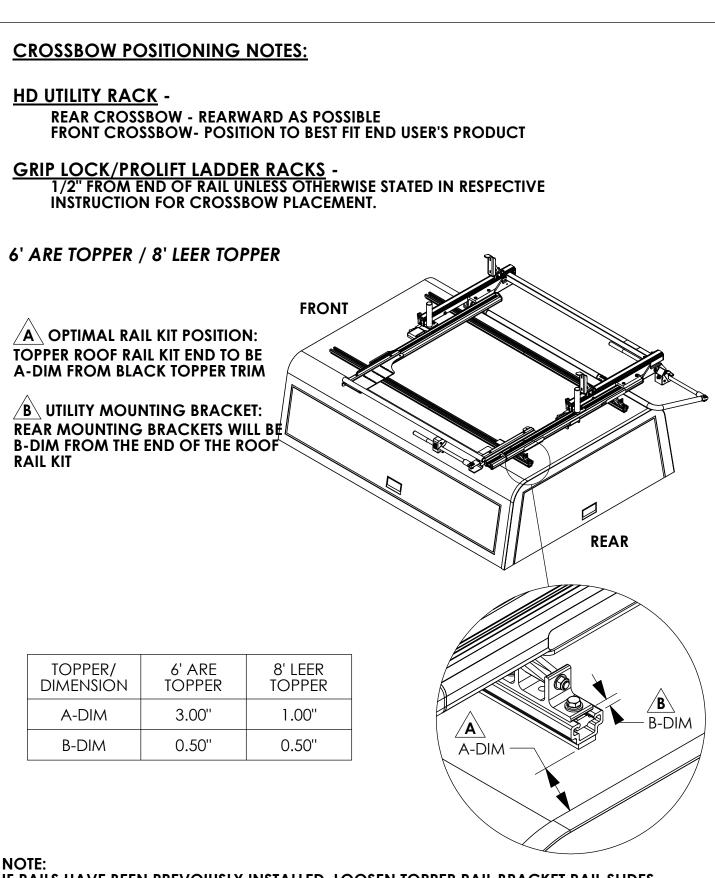
NOTE - THESE DIMENSIONS ARE APPROXIMATE AND WILL VARY SLIGHTLY WITH ANY TOLERANCE IN THE BUILD OF THE VEHICLE





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STEP 5 - ADJUST MOUNTING BRACKET LOCATION IF



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", Black, Minivan

PRODUCT WEIGHT 16.1 LBS

CROSSBOW LENGTH X HEIGHT

59" x 2"

CAPACITY

REFER TO OEM'S RECOMMENDED LOAD RATING

COLOR

BLACK

CATALOG NUMBER

2BARCB

PRODUCT FEATURES

Aluminum base 2-crossbow kit for PROFILE[™] HD Utility, Grip-Lock, ProLift, 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.

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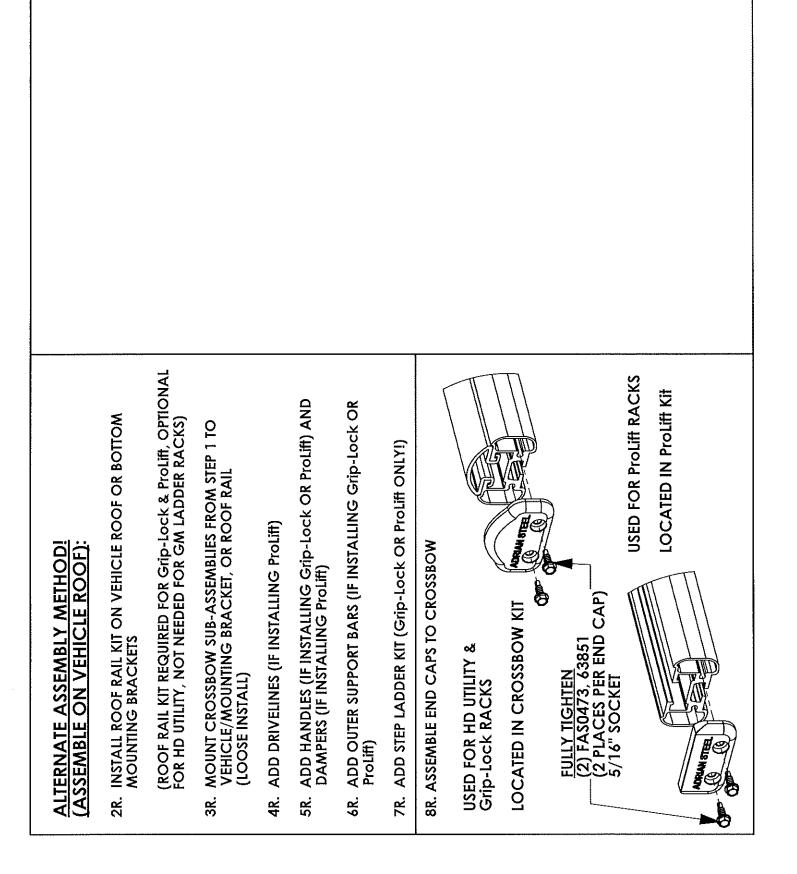
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TOP OF CROSSBOW *IMAGE NOT TO SCALE!* BOTTOM OF CROSSBOW				CTIO					PLEASE SELECT THE ASSEMBLY SEQUENCE THAT BEST WORKS FOR YOU!	STEPS 2R - 8R ON PAGE 4 IS AN ALTERNATE ASSEMBLY SEQUENCE TO INSTALL THE RACK ON THE VEHICLE ROOF AS IT IS BUILT.	STEPS 2T - 8T ON PAGE 3 IS THE RECOMMENDED ASSEMBLY BEFORE INSTALLING ON THE ROOF O	REFERENCE THIS INSTRUCTION THROUGHOUT THE ENTIRETY OF YOUR INSTALL TO PREVENT ACCESSORIES BEING INSTALLED INCORRECTLY/OUT OF SEQUENCE!	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.	INSTALLATION GUIDE FOR PROFILETM SERIES LADDER RACKS		
	A.2	HD				A.1				TABLE 1	UENCE THA	LTERNATE A. ILT.	COMMEND V THE ROOF		eneral gui Please ens Ng to Next	SERIES L
ProLift	<u>Grip-Lock</u>		CC	BOTTO	<u>ProLift</u>	<u>Grip-Lock</u>		CO	101		T BEST WORK	SSEMBLY SEG	ED ASSEMBL	THE ENTIRETY	DE OF INSTAI URE ALL ACC PAGE.	ADDER
- DAMPER BRACKET	- Grip-Lock SUB-ASSEMBLY	- LADDER STOP, STROBE BRACKET, AND/OR REAR ROLLER	COMPONENTS TO INSTALL	BOTTOM OF CROSSBOW	- CONDUIT KIT OR BEACON	- CONDUIT KIT OR BEACON	- CONDUIT KIT OR BEACON	COMPONENTS TO INSTALL	TOP OF CROSSBOW		S FOR YOU!	UENCE TO INSTALL	ASSEMBLY SEQUENCE FOR A FULL TABLE F THE VEHICLE.	OF YOUR INSTALL	OF INSTALLATION SEQUENCE FOR ALL E ALL ACCESSORIES ARE INSTALLED PE AGE.	RACKS
	SSEMBLY	IROBE BRACKET,	TALL		BEACON	BEACON	BEACON	TALL				THE RACK	A FULL TABLE	TO PREVENT	E FOR ALL REV:	INSTRUCTION #: 68895

STEP 1B.		SUB-ASSEMBLE EACH CROSSBOW WITH DESIRED ACCESSORIES FOR SECTIONS B.1 & B.2.	ITH IS B. 1 & B.2.	ALTER WEAR STRIP AN APPLICABLEJI REFEREN	ALTER WEAR STRIP AND INSTALL ON CROSSBOW (IF APPLICABLE)! REFERENCE TABLE 3 BELOW FOR WEAR STRIP
	INSTRUCTION THEIR RESPEC	INSTRUCTIONS FOR EACH KIT CAN BE THEIR RESPECTIVE CARTON!	E FOUND IN	ALTERATION INSTRUCTIONS!	isnoi
Ŵ	0	TOP OF CROSSBOW	*IMAGE NOT TO SCALEI*	TABLE 3	
			<u> </u>	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
	BOTT	BOTTOM OF CROSSBOW	<u> </u>	6" PVC CONDUIT KIT	REMOVE 9.50" FROM CENTER OF WEAR STRIP
TABLE 2	LE 2			ALUMINUM BOX	REMOVE 13.25" FROM CENTER OF
	10	TOP OF CROSSBOW		CONDUIL KI	WEAK SIKIP BEMOVE 4" EPOM CENTER OF WEAP
	CC	COMPONENTS TO INSTALL		BEACON	REVIOVE 4 FROM CEINIER OF WEAR
		- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)	IF NECESSARY,	Prolift (SINGLE SIDE)	CUT WEAR STRIP IN HALF, DO NOT INSTALL ON ProLift SIDE
B.1	<u>Grip-Lock</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)	IF NECESSARY,	Prolift (DUAL SIDE)	do not install wear strip
·	ProLift	- INNER STOP POST		SLIDE WEAR STRIP IN	ĨO
	BOTTO	BOTTOM OF CROSSBOW			
	CO	COMPONENTS TO INSTALL			
		- MOUNTING BRACKETS	S		
B.2	Grip-Lock	- MOUNTING BRACKETS	S		Ν
·	<u>ProLift</u>	- MOUNTING BRACKETS	S		PAGE:

	C.2					<u>.</u>				TABLE 4				M			STEP 1C
<u>ProLift</u>	<u>Grip-Lock</u>	HD UTILITY	CO	BOTT	<u>ProLift</u>	<u>Grip-Lock</u>	HD UTILITY	00	TO	.Е 4	BOT				10		
- STROBES	- STROBES	- UPRIGHTS (6", 9", RATCHET)	COMPONENTS TO INSTALL	BOTTOM OF CROSSBOW	- SLIDES FOR BASE E	- N/A	- 4" UPRIGHT	COMPONENTS TO INSTALL	TOP OF CROSSBOW		BOTTOM OF CROSSBOW				TOP OF CROSSBOW		SUB-ASSEMBLE EACH CROSSBOW WITH
		RATCHET)	ALL		EXTRUSION			ALL							*IMAGE NOT		
	RACKS) 8T. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO		7T. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS			USED FOR Prolift RACKS	(2 PLACES PER END CAP) 5/16" SOCKET	(2) FAS0473. 63851			USED FOR HD UTILITY & Grip-Lock RACKS	6T. ASSEMBLE ENDS CAPS TO CROSSBOW	5T. ADD STEP LADDER KIT (Grip-Lock OR ProLiff ONLY!)	4T. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)	3T. ADD HANDLES (IF INSTALLING Grip-Lock OR Proliff) AND DAMPERS (IF INSTALLING ProLiff)	2T. ADD DRIVELINES (IF INSTALLING ProLiff)	ASSEMBLY STEPS (FULL BENCH ASSEMBLY):



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