

## Driver Side Grip-Lock Kit, Full Size Van

**PRODUCT WEIGHT  
37.7 LBS**



**WIDTH x DEPTH x HEIGHT  
22" x 88" x 11"**

**CAPACITY**

**N/A**

**COLOR**

**WHITE/BLACK**

**CATALOG NUMBER**

**GL-FSVDs**

### **PRODUCT FEATURES**

Driver side kit PROFILE™ Grip-Lock and combo ladder racks. Works with all conduit kits.

Works on GM Express/Savana, Ford Transit Low Roof, and Nissan NV Low Roof vans. Not recommended for Medium Roof, High Roof, Ram Promaster Low Roof, or Mercedes Sprinter Low Roof vans.

Please refer to OEM specific mounting kit or 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      GL-FSVDS****PRODUCT APPLICATION**

**Driver side kit PROFILE™ Grip-Lock and combo ladder racks. Works with all conduit kits. Works on GM Express/Savana, Ford Transit Low Roof, and Nissan NV Low Roof vans. Not recommended for Medium Roof, High Roof, Ram Promaster Low Roof, or Mercedes Sprinter Low Roof vans.**

**ACCESSORIES THAT WILL WORK WITH THIS PRODUCT****CATALOG NUMBER      DESCRIPTION**

**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**

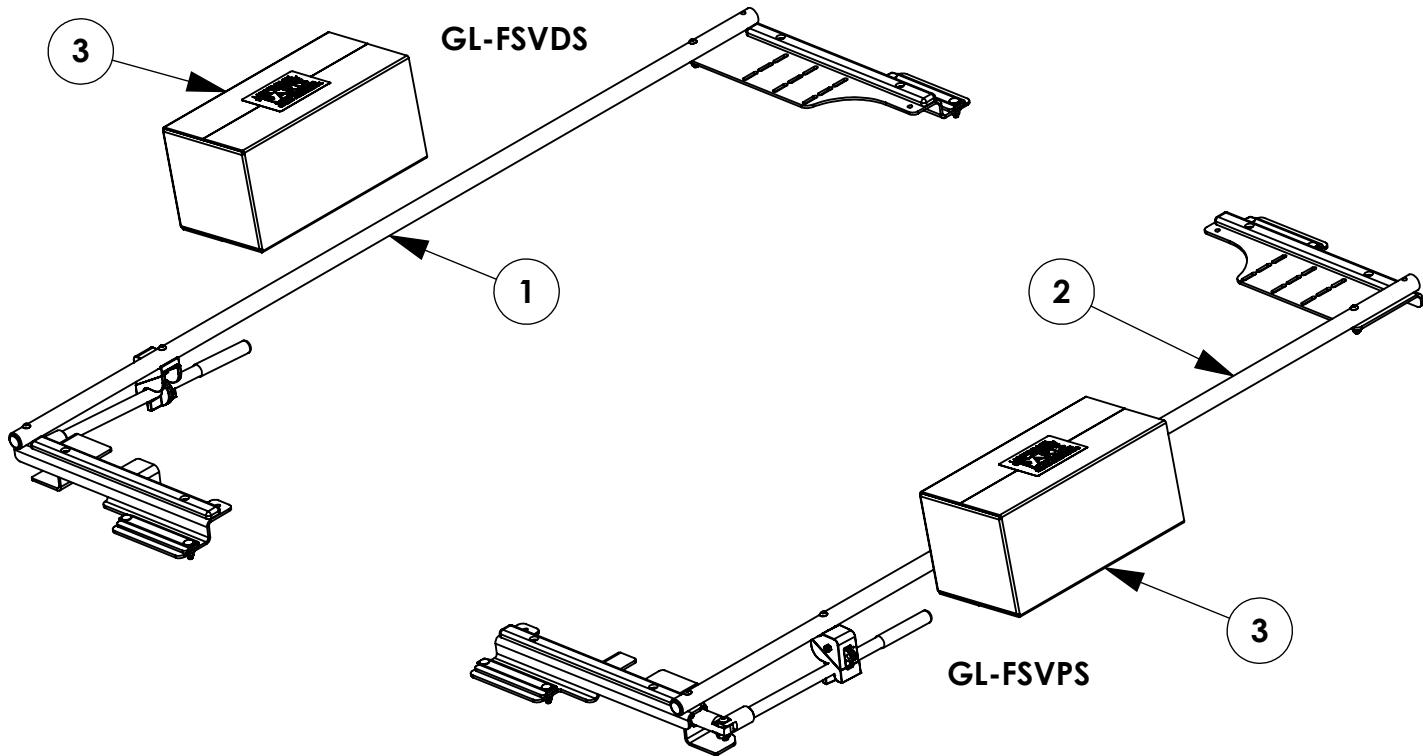
**1BARCW      Single Crossbar Kit, 58", White, Minivan**

INSTR. NUMBER : 70691	PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	GL-FSVDS	GL-FSVPS
PART NUMBER • GL-FSVDS			1	69445	GRIP LOCK FSV, ASM DS	1	-
PART NUMBER • GL-FSVPS			2	69444	GRIP LOCK FSV, ASM PS	-	1
PART DESC. • GL FULL SIZE VEHICLE DS			3	66373	GRIP LOCK BRKTS & HORN	1	1

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

-GL-FSVDS  
-GL-FSVPS  
-GL-FSVPSB  
-GL-FSVDSB

**NOTE: 66357, 69444, & 69445 ARE AVAILABLE IN BLACK  
VARIANTS  
- FOR THEIR IDENTIFICATION, ADD THE "-B" SUFFIX TO THE END  
OF THE PART NUMBER**



**\*\*IF BUILDING A DUAL SIDED RACK BUILD BOTH SIDES IN PARALLEL  
FOR EACH STEP. IF BUILDING SINGLE SIDED REFERENCE ONLY THAT  
SIDE WHEN BUILDING.\*\***

**TOOLS NEEDED:**  
1/2" SOCKET  
1/2" WRENCH  
9/16" SOCKET  
3/16" ALLEN WRENCH  
DRIVE RATCHET  
IMPACT DRIVER

**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 USED  
BAG REFERENCE:***

**NO FASTENER BAG  
ALL FASTENERS INCLUDED IN ASSEMBLY**

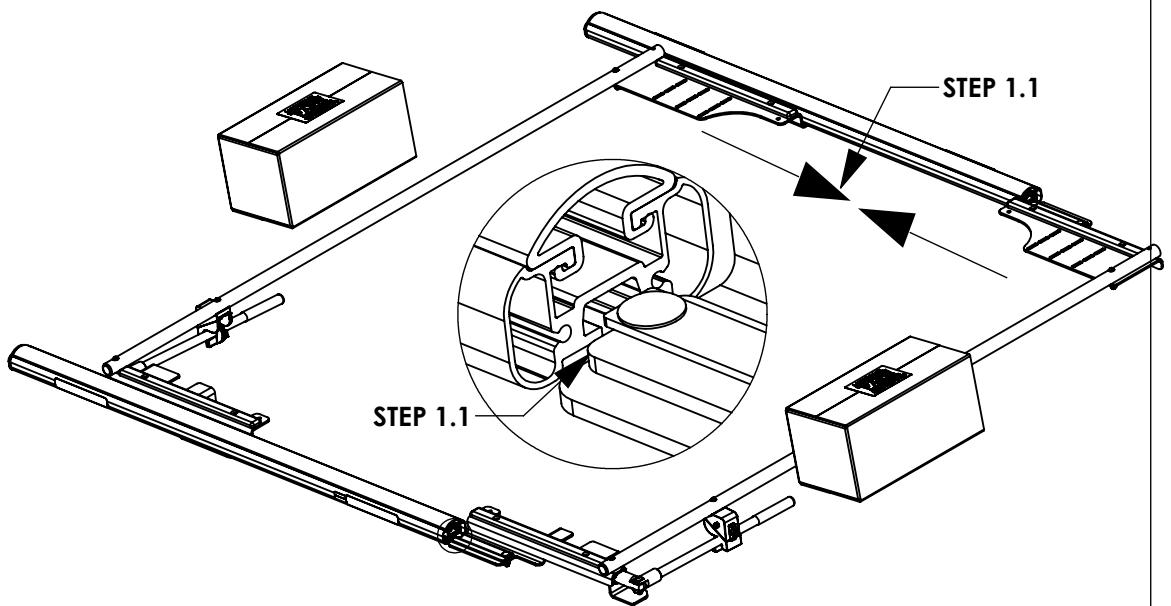
## STEP 1 - INSTALL GRIP LOCK FOR SHIP THRU

STEP 1.1  
SLIDE GRIP LOCK  
INTO CROSSBOW

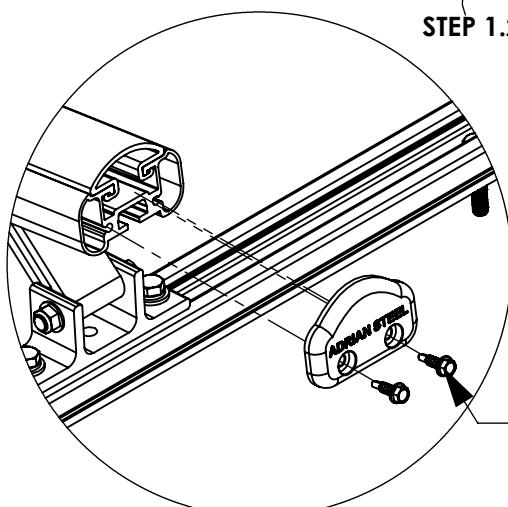
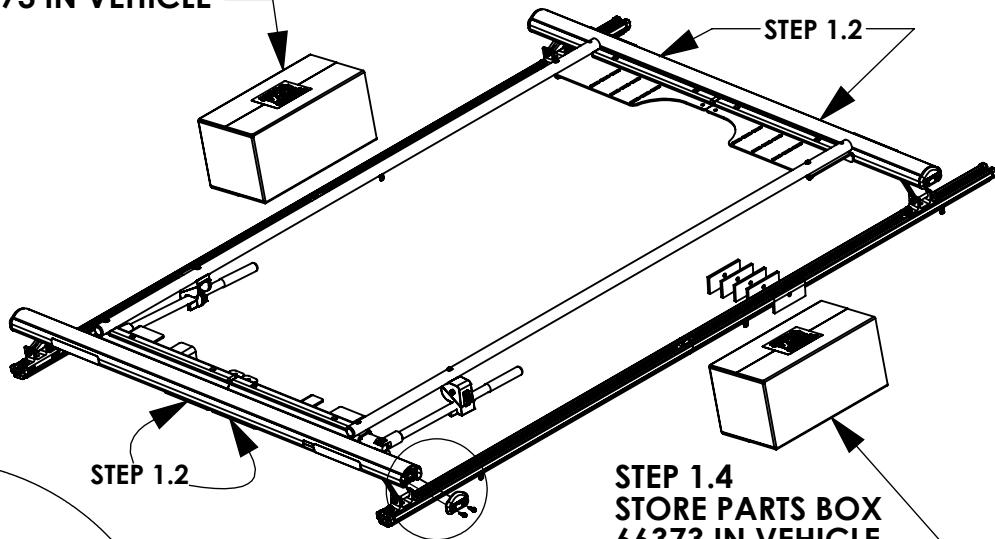
STEP 1.2  
SLIDE RACKS ALL  
THE WAY TO CENTER  
OF CROSSBOW AND  
FULLY TIGHTEN FOR  
SHIP THRU  
TRANSPORTATION  
1/2" SOCKET

STEP 1.3  
FULLY TIGHTEN  
END CAPS  
FAS0473, 63851  
(02 PLACES PER END  
CAP)  
5/16" SOCKET

STEP 1.4  
STORE PARTS BOX  
66373 IN VEHICLE  
FOR FINAL INSTALL  
(1 BOX FOR SINGLE,  
2 BOXES FOR  
DOUBLE)

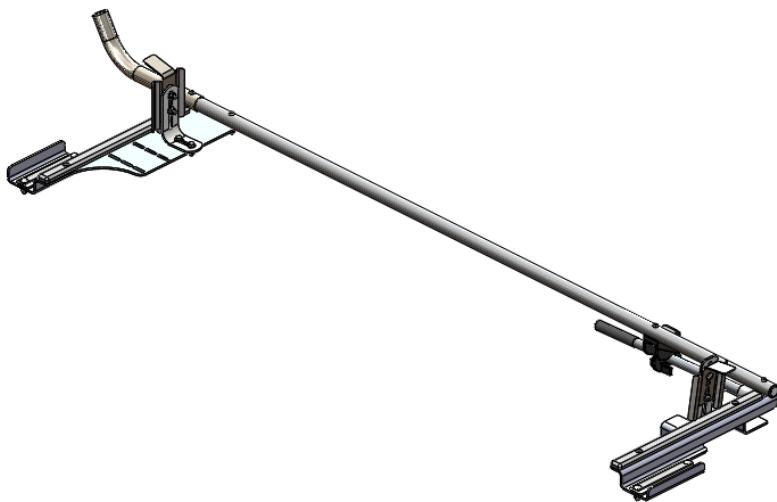


STEP 1.4  
STORE PARTS BOX  
66373 IN VEHICLE



CHECK THAT ALL FASTENERS ARE TIGHTENED!!! INSTALLATION IS COMPLETE

## Passenger Side Grip-Lock Kit, Full Size Van



**PRODUCT WEIGHT  
37.7 LBS**

*WIDTH x DEPTH x HEIGHT*  
**22" x 88" x 11"**

**CAPACITY**

**N/A**

**COLOR**

**WHITE/BLACK**

**CATALOG NUMBER**

**GL-FSVPs**

### **PRODUCT FEATURES**

Passenger side kit for PROFILE™ Grip-Lock and combo ladder racks. Works with all conduit kits.

Works on GM Express/Savana, Ford Transit Low Roof, and Nissan NV Low Roof vans. Not recommended for Medium Roof, High Roof, Ram Promaster Low Roof, or Mercedes Sprinter Low Roof vans.

Please refer to OEM specific mounting kit or 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      GL-FSVPS****PRODUCT APPLICATION**

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**2BARCW      2-Crossbar Kit, 58", White, Minivan**

**1BARW      Single Crossbar Kit, 68", White, Full Size Van**

**1BARCW      Single Crossbar Kit, 58", White, Minivan**

## Mounting Roof Rail Kit, 96", Multiple Pickups



**PRODUCT WEIGHT**

**14.89 LBS**

**HEIGHT OFF ROOF**

**SEE TABLE BELOW**

**CAPACITY**

**500 LBS**

**COLOR**

**RAW**

**CATALOG NUMBER**

**RRKTOP96**

### *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 96"+ in length!**

**Rail kit validated on ARE & LEER toppers ONLY! 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.**

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**PAGE 1 of 3**

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**CATALOG NUMBER      RRKTOP96**
**ACCESSORIES THAT WILL WORK WITH THIS PRODUCT**

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
<b>White Kit Part Numbers</b>		<b>Black Kit Part Numbers</b>	

**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-FSVPS	Passenger Side Grip-Lock Kit, White, Full Size Van	GL-FSVPSB	Passenger Side Grip-Lock Kit, Black, Full Size Van
GL-FSVDS	Driver Side Grip-Lock Kit, White, Full Size Van	GL-FSVDSB	Driver Side Grip-Lock Kit, Black, Full Size Van

**Continued on Page 3**

**PAGE 2 of 3**

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**CATALOG NUMBER**

**RRKTOP96**

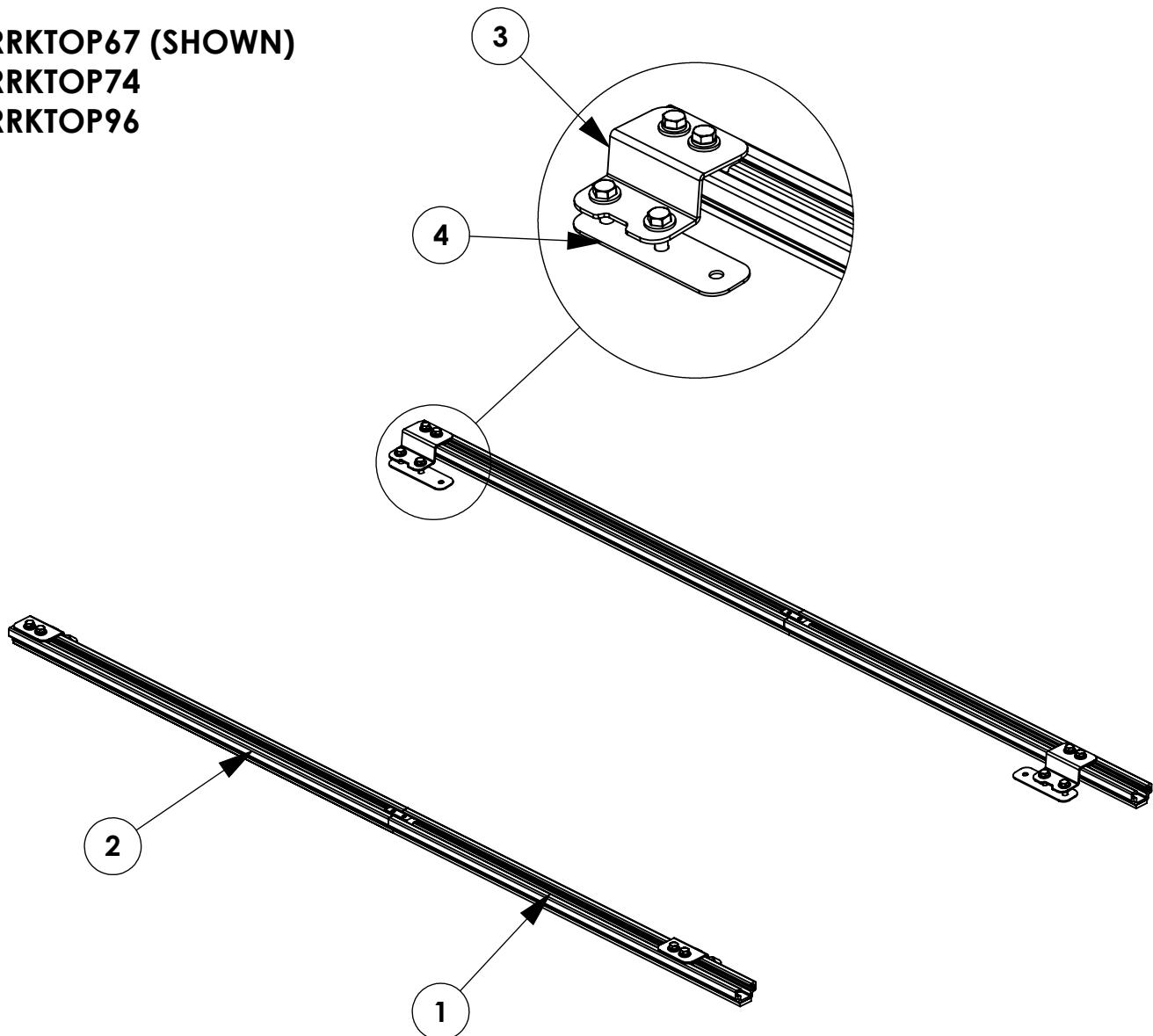
**LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE**

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. NUMBER	69250	PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	RRKTOP67	RRKTOP74	RRKTOP96
PART NUMBER : RRKTOP67				1	BLK69242	RAIL, 32.00	2	-	-
PART NUMBER : RRKTOP74				2	BLK66194	RAIL, 35.00	2	2	-
PART NUMBER : RRKTOP96				3	69241	TOPPER RAIL BRACKET	4	4	4
DESC. : ROOF RAIL KIT, TOPPER, 67" DESC. : ROOF RAIL KIT, TOPPER, 74" DESC. : 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.

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**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.

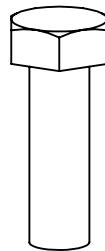
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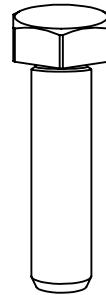
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS USED**

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



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



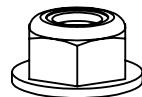
**FAS0830**  
5/16-18X1.25 SS  
SCREW, HH  
QTY: 8



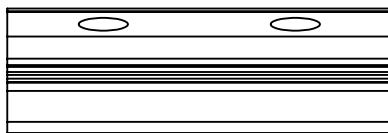
**FAS0588**  
5/16 SS  
SPLIT WASHER  
QTY: 8



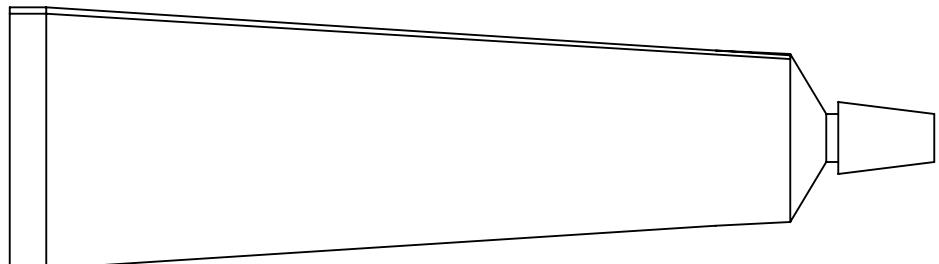
**FAS0552**  
5/16 SS  
FLAT WASHER  
QTY: 16



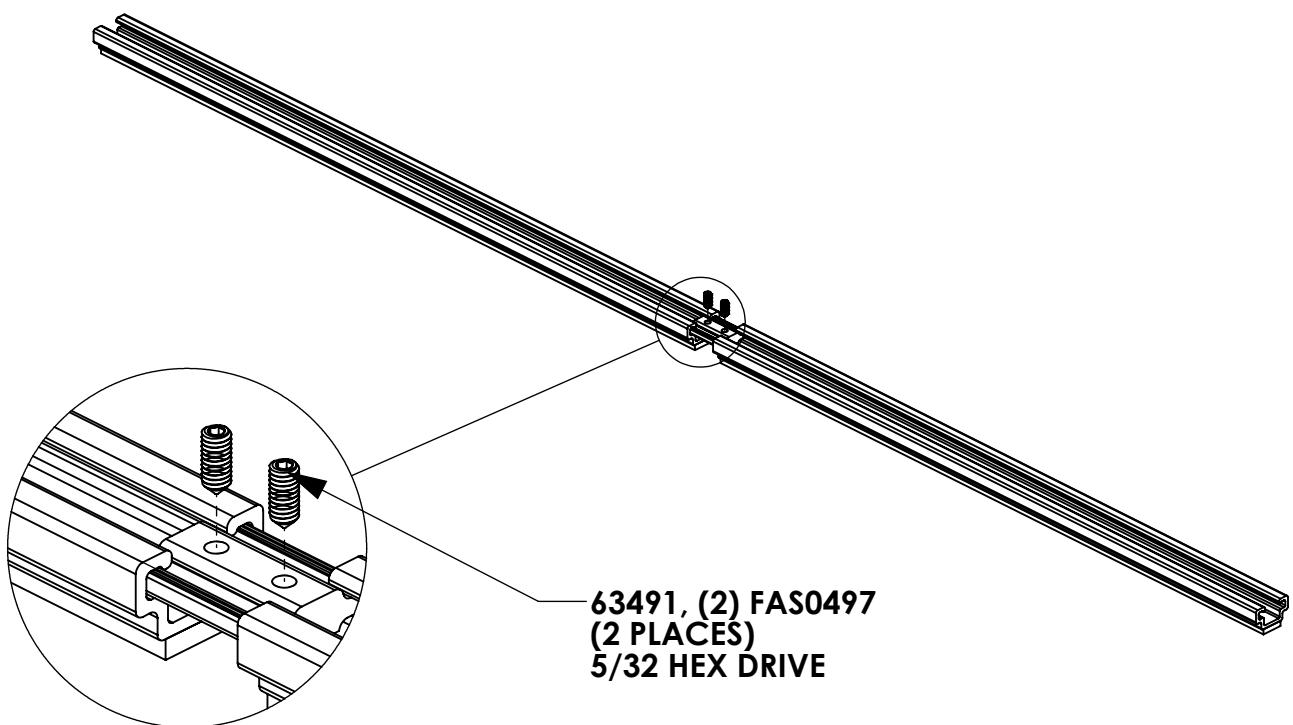
**FAS0861**  
5/16-18 SS  
HH FLG NUT  
QTY: 8



**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!!**

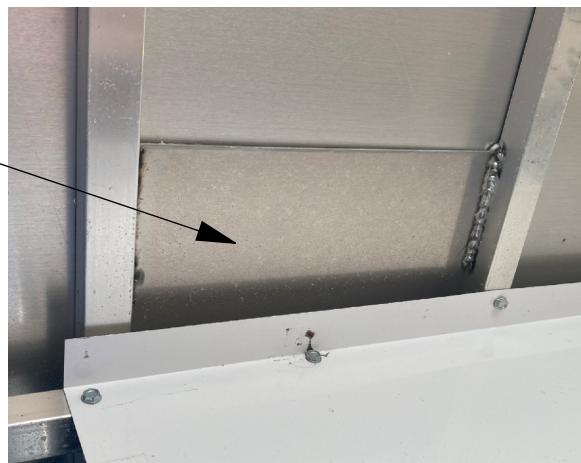
**BRACKET LOCATIONS WILL BE DETERMINED BY THE  
SIZE AND SPACING OF THE WELDED REINFORCEMENT  
PLATES PROVIDED WITH THE TOPPER**



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

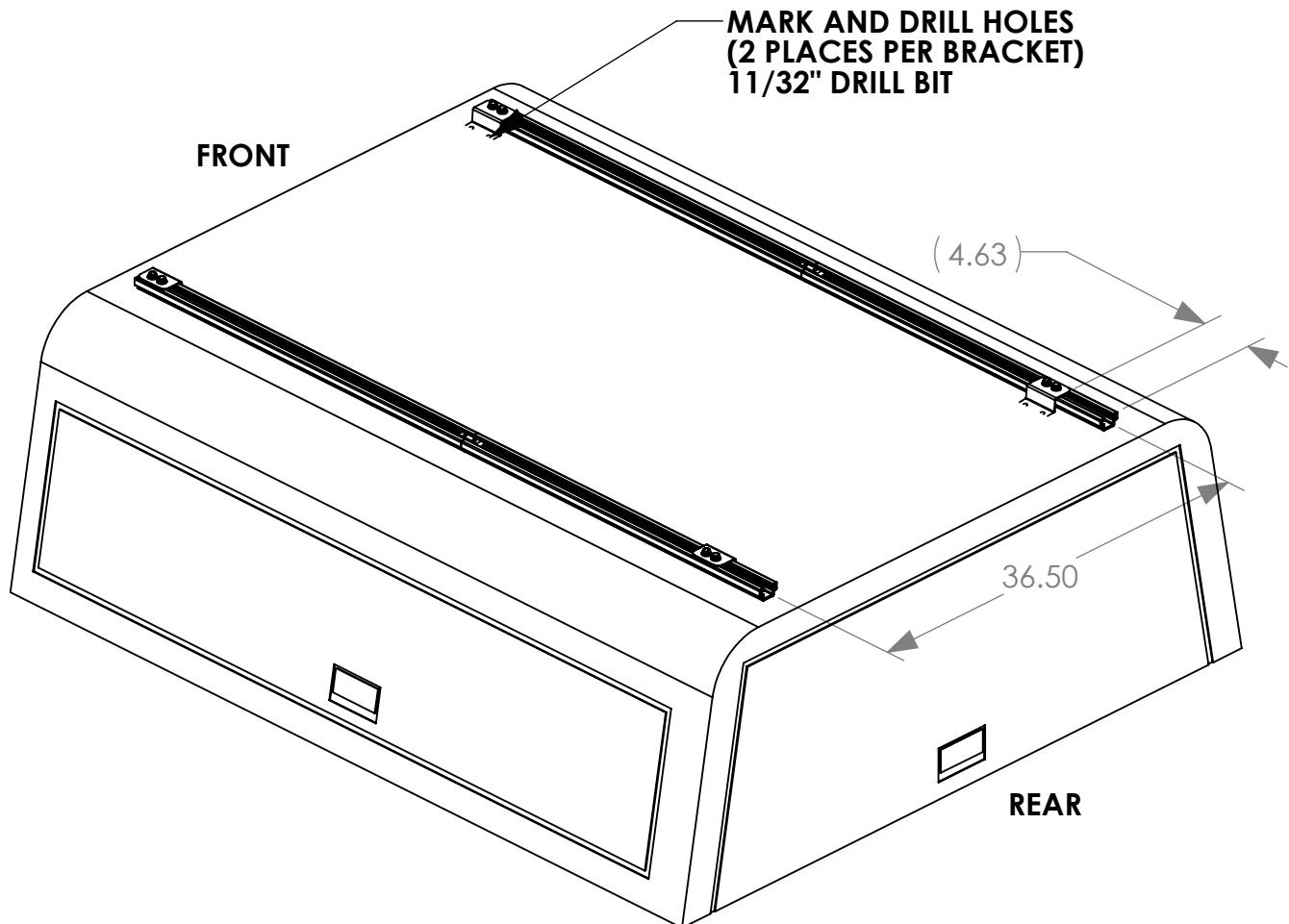
**LOCATE THE REINFORCEMENT PLATES ON BOTH SIDES OF TOPPER (FRONT AND REAR).**

**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

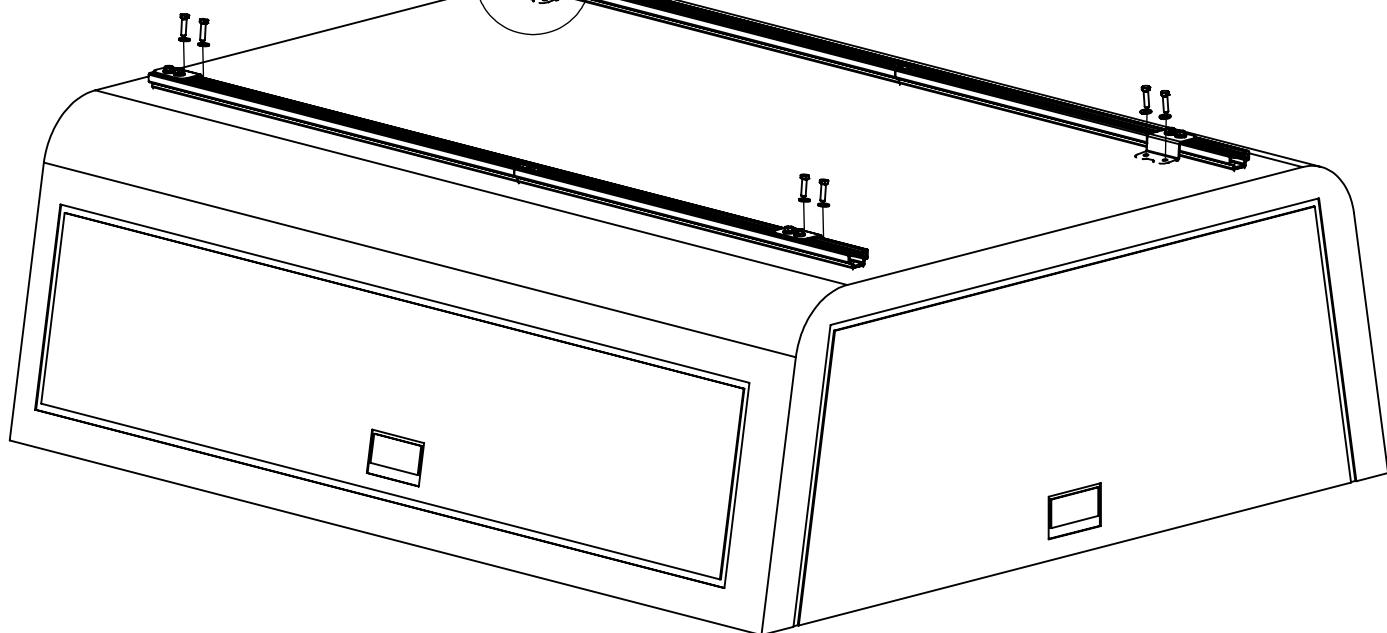
NOTE: INSIDE OF TOPPER SHOWN HERE

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!

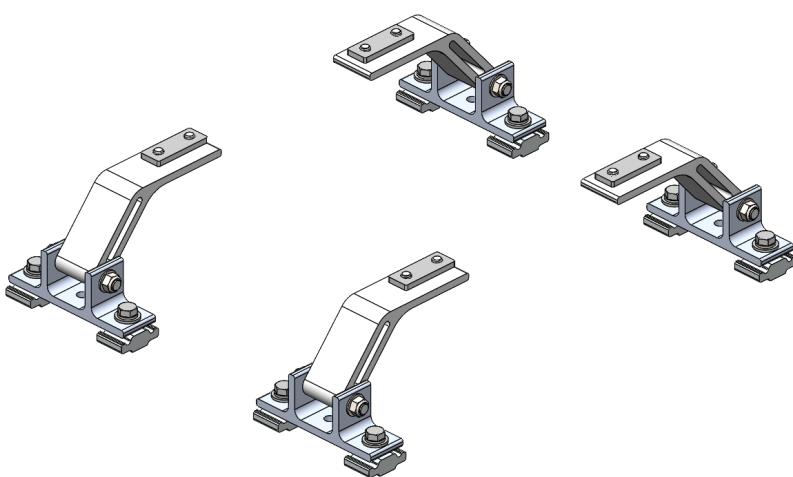


## Mounting Bracket Kit, 4-Pack, White, Multiple Pickups

**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.**

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**PAGE 1 of 2**

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CATALOG NUMBER

**URMBK4W**

**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.**

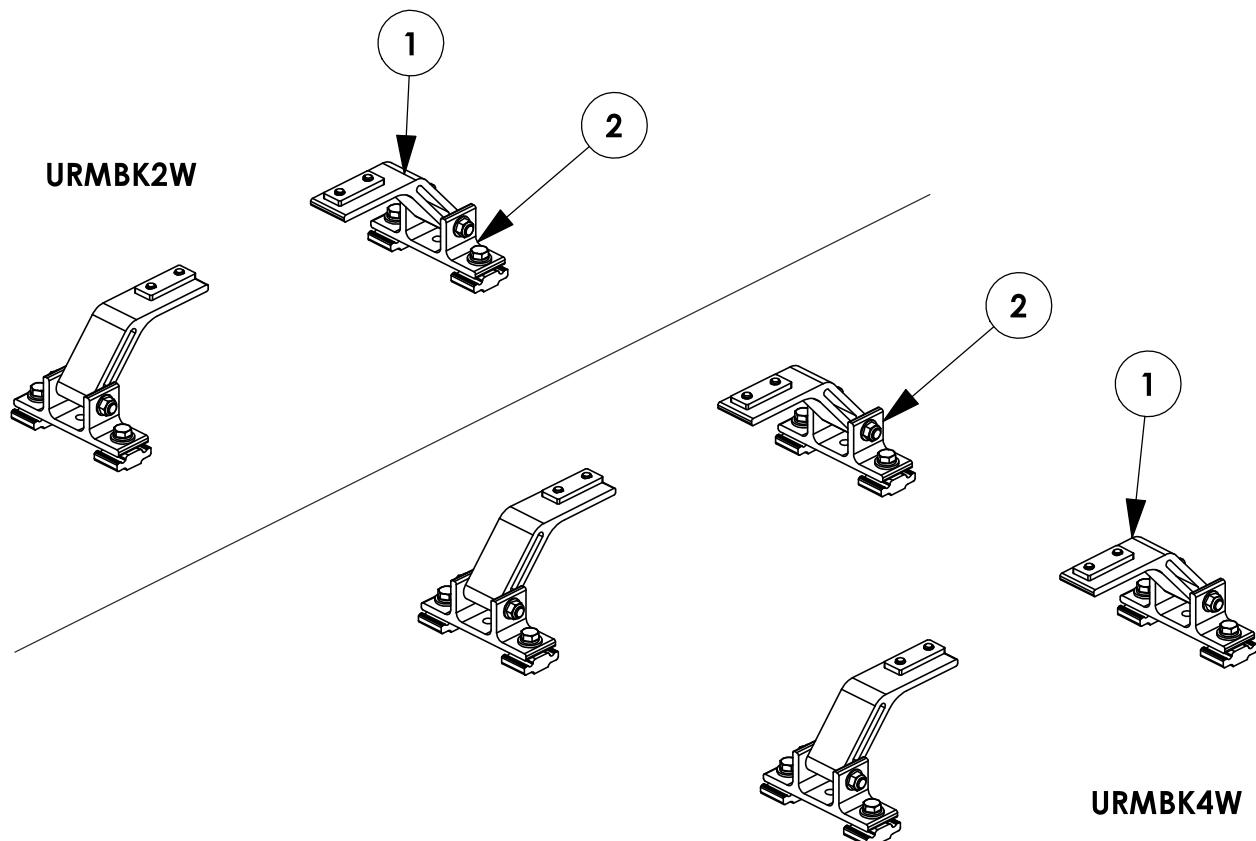
INSTR. NUMBER	66850	PG: 1	REV: E
PART NUMBER	<b>URMBK</b>		
PART DESC.	• UTILITY,MNT BKT KT,RAIL		

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 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 HARNESSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

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**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.

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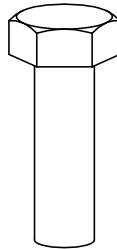
**3**

**FASTENERS AND HARDWARE USED**

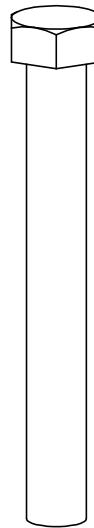
BAG REFERENCE: BAG66848



**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



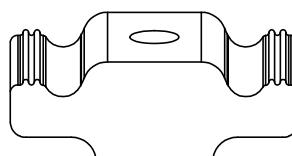
**FAS0857**  
5/16 SS WASHER,  
LOCK EXT CS  
QTY: 8



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

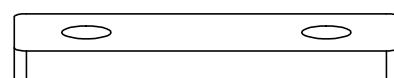


**FAS0552**  
5/16 SS  
FLAT WASHER  
QTY: 12



**FAS0861**  
5/16-18 SS  
HH FLG NUT  
QTY: 4

**63490**  
RAIL SLIDE,  
1"  
QTY: 8



**68042**  
PROFILE FOOT  
MOUNTING PLATE  
QTY: 4

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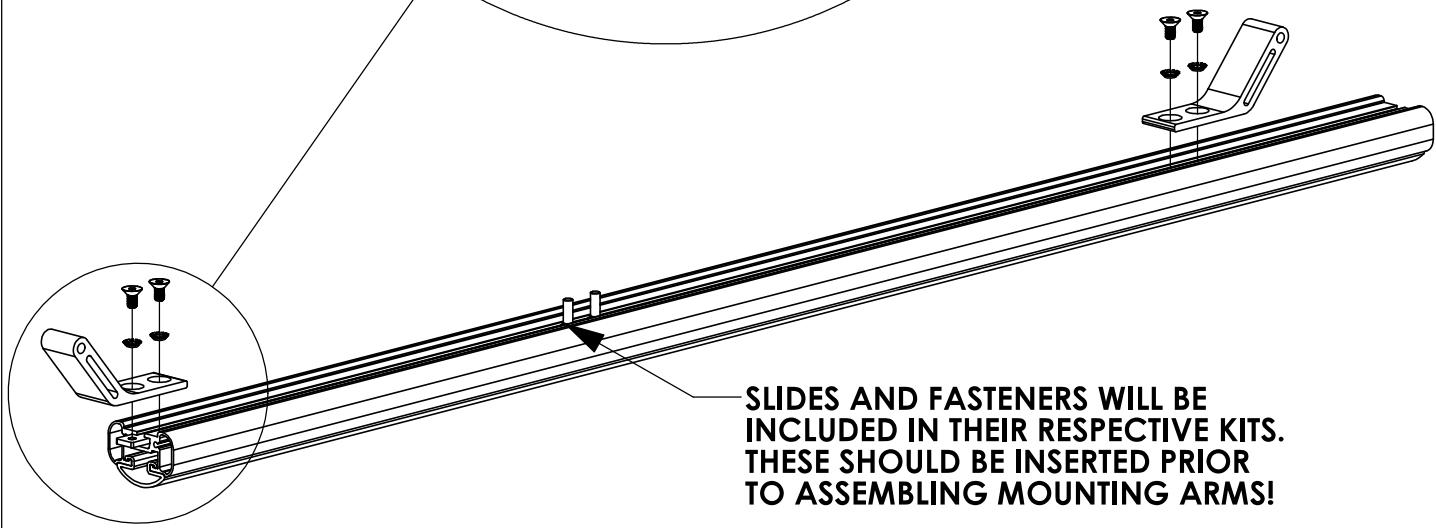
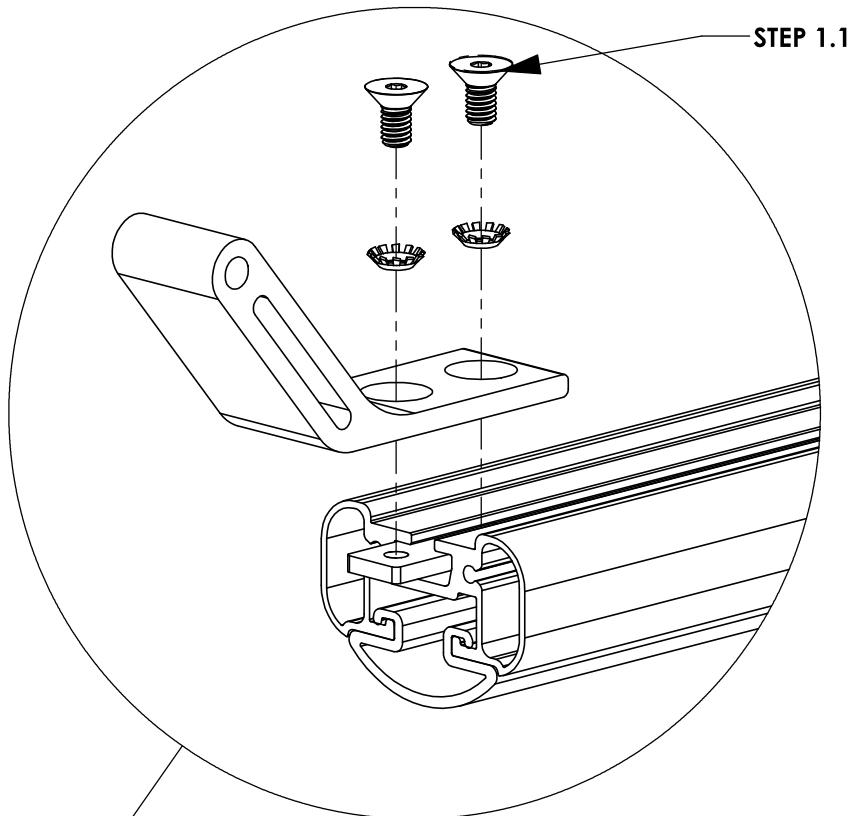
**STEP 1 - ASSEMBLE MOUNTING ARMS TO CROSSBOW**

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

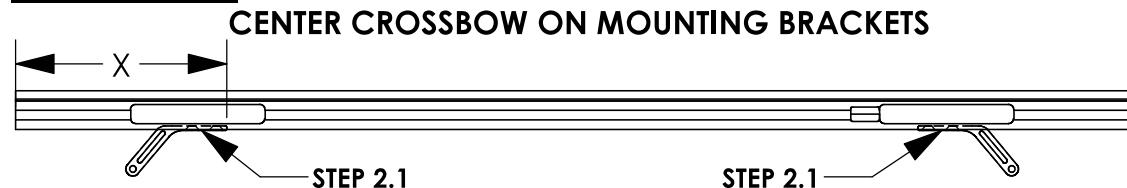


SLIDES AND FASTENERS WILL BE INCLUDED IN THEIR RESPECTIVE KITS. THESE SHOULD BE INSERTED PRIOR TO ASSEMBLING MOUNTING ARMS!

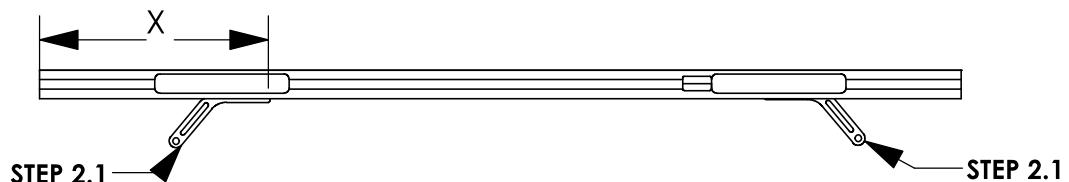
## STEP 2 - SECURE CROSSBOW

**STEP 2.1**  
**FULLY TIGHTEN**  
**FROM STEP 1.1**

(04 PLACES PER  
CROSSBOW)  
3/16" ALLEN

FULL SIZE VANS

DIMENSION WILL  
VARY BASED ON  
ROOF RAIL  
PLACEMENT ON  
TOPPER

PICKUP TRUCK TOPPERS

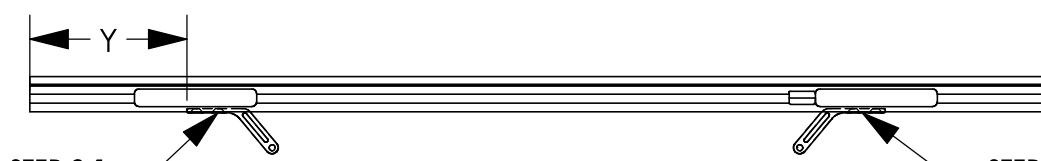
FEET ORIENTATION FOR DUAL PROLIFT SHOWN



GRIP-LOCK SIDE

PROLIFT SIDE

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

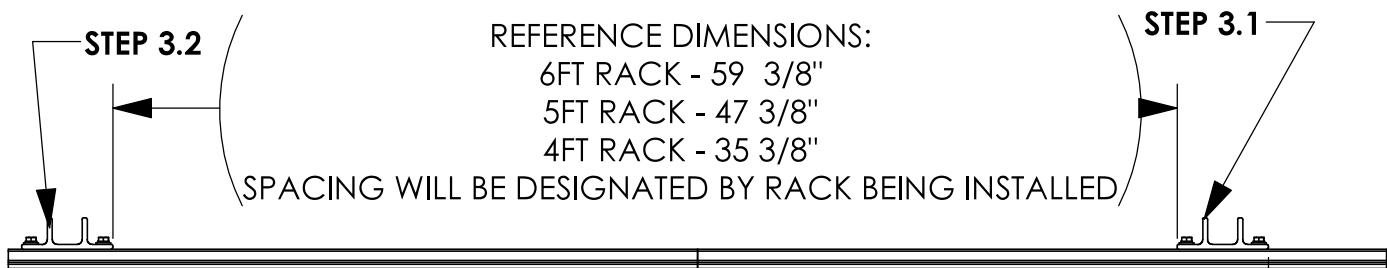
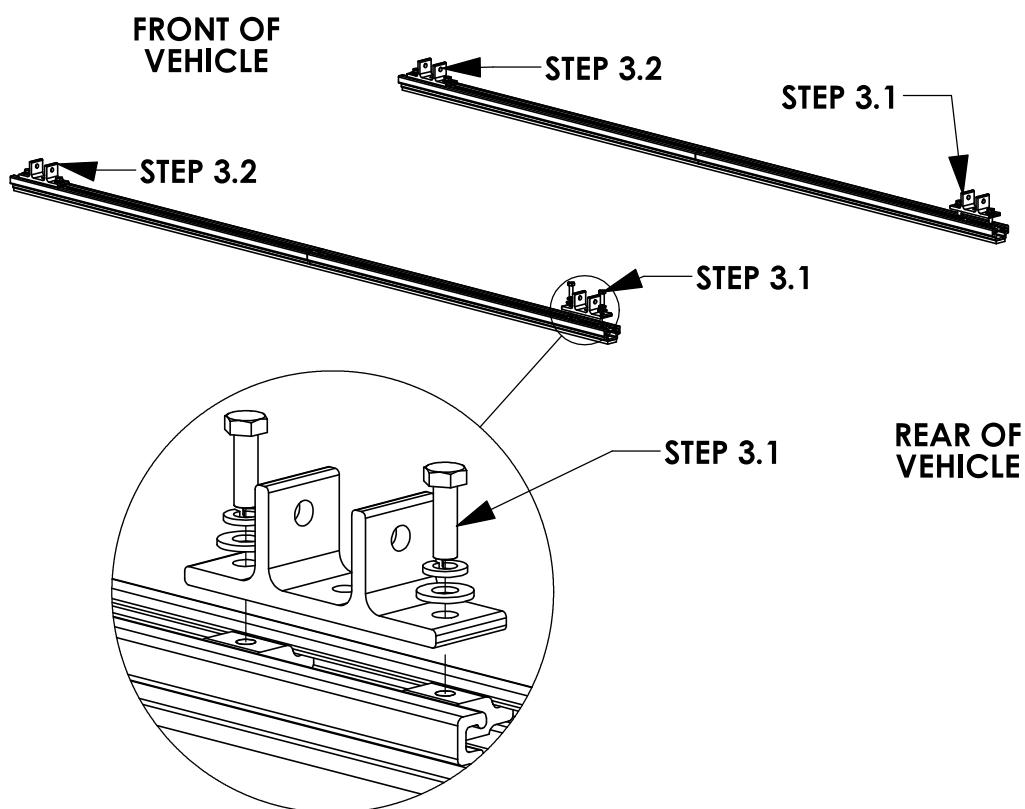
MAX 7 1/8"

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**



**FRONT OF**  
**VEHICLE**

**X**  
**REAR OF**  
**VEHICLE**

**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**

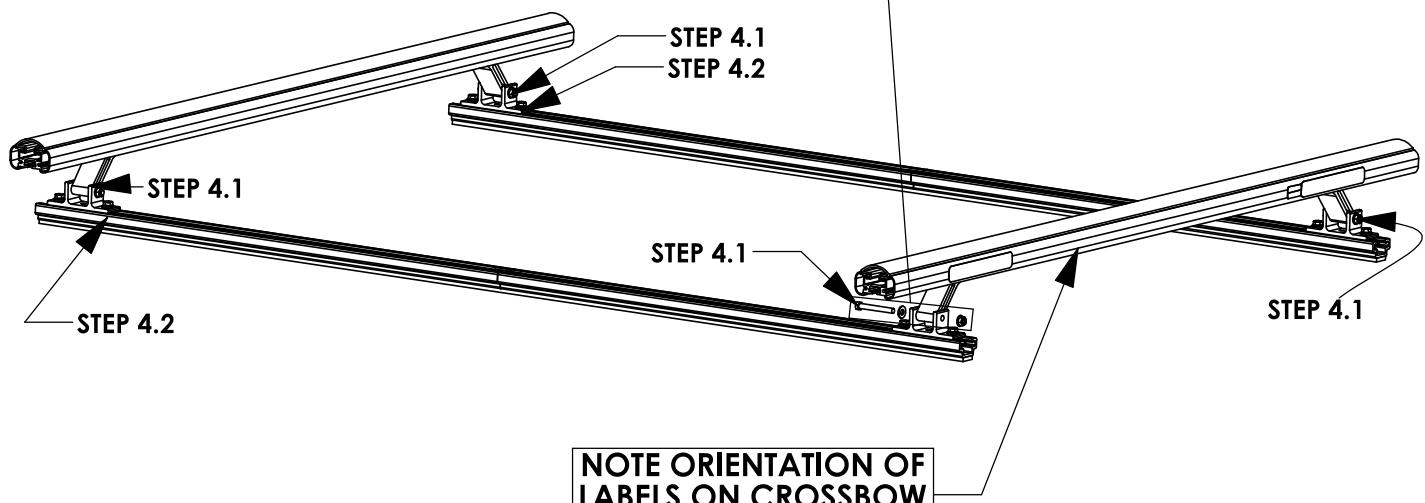
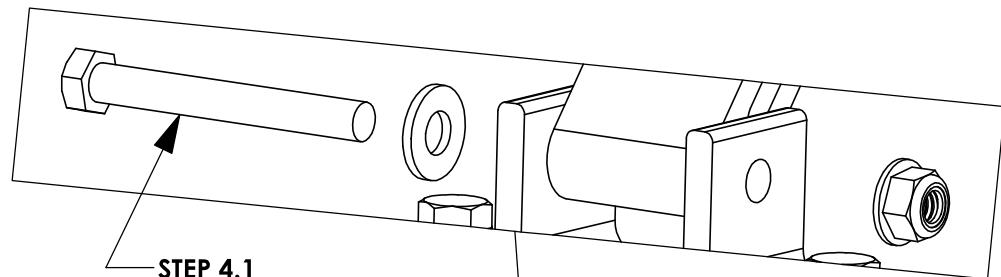
**BEFORE PROCEEDING WITH THIS STEP FINISH ASSEMBLING  
ACCESSORIES ONTO RACK. (IE GRIP LOCK, PROLIFT, ETC)**

**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

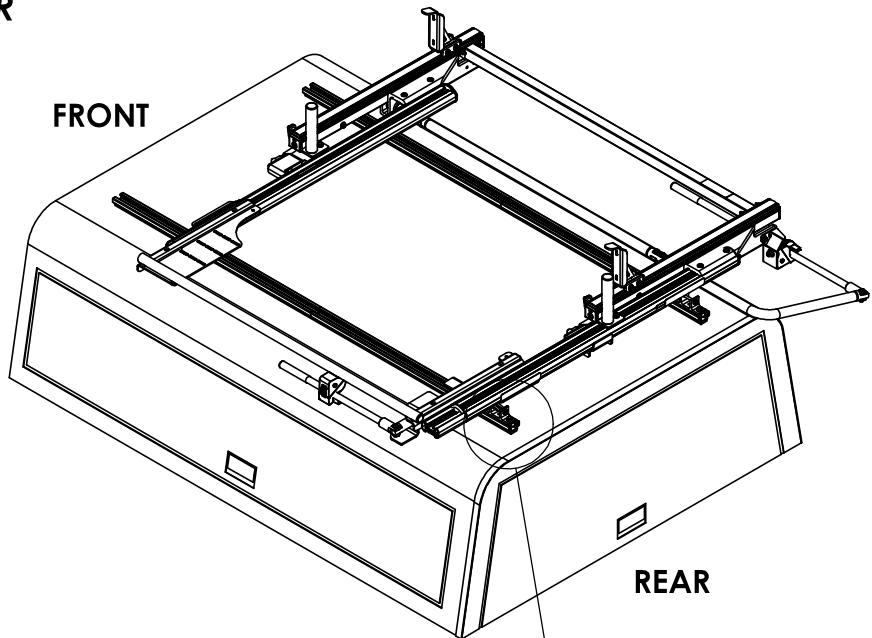
#### **GRIP LOCK/PROLIFT LADDER RACKS -**

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

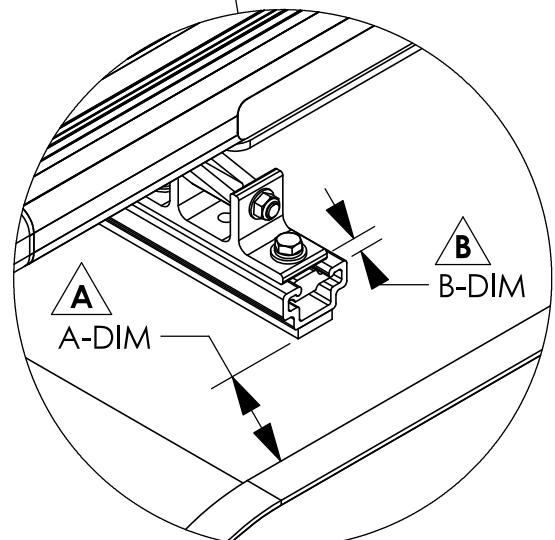
#### **6' ARE TOPPER / 8' LEER TOPPER**

**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 PREVIOUSLY INSTALLED, LOOSEN TOPPER RAIL BRACKET RAIL SLIDES AND ADJUST TO MEET DESIRED POSITIONING

**INSTALLATION IS COMPLETE!! MAKE SURE ALL FASTENERS ARE TIGHTENED**



**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	<u>HD UTILITY</u>	- CONDUIT KIT OR BEACON
	<u>Grip-Lock</u>	- CONDUIT KIT OR BEACON
	<u>ProLift</u>	- CONDUIT KIT OR BEACON

### BOTTOM OF CROSSBOW

	COMPONENTS TO INSTALL	
A.2	<u>HD UTILITY</u>	- LADDER STOP, STROBE BRACKET, AND/OR REAR ROLLER
	<u>Grip-Lock</u>	- Grip-Lock SUB-ASSEMBLY
	<u>ProLift</u>	- 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!**



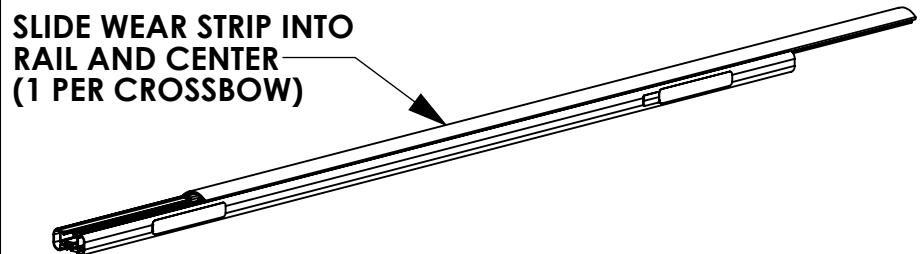
**TABLE 2**

<b>TOP OF CROSSBOW</b>		
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
<b>BOTTOM OF CROSSBOW</b>		
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



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



**TABLE 4**

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

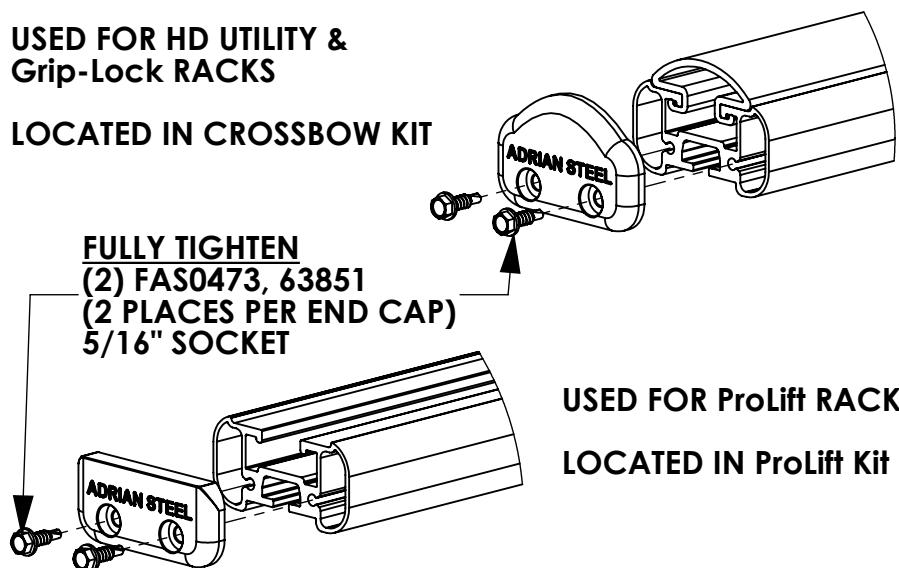
**ASSEMBLY STEPS (FULL BENCH ASSEMBLY):**

- 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)**

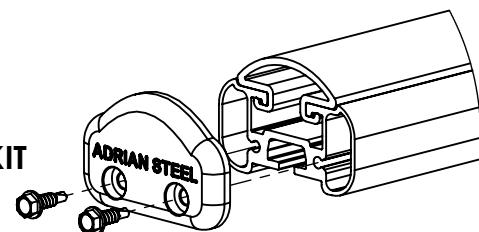
## **ALTERNATE ASSEMBLY METHOD! (ASSEMBLE ON VEHICLE ROOF):**

- 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!)**

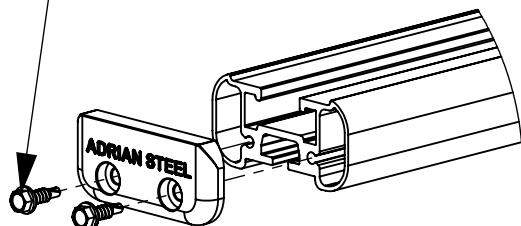
## **8R. ASSEMBLE END CAPS TO CROSSBOW**

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