INSTR 67116 PG: 1		REV:	ITEM NO.	PART NUMBER	DESCRIPTION	GL-FSVDS	GL-FSVPS
PART • GL-FSVDS		C	1	66358	GRIP LOCK FRONT STOP ASSM	1	1
NUMBER • GL-FSVPS			2	27254-B	SLEEVE-HORN,L.R. BLACK	1	1
PART • GL FULL SIZE VEHICLE DS DESC. • GL FULL SIZE VEHICLE PS NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:			3	66293	GRIP LOCK OUTTER TUBE	1	1
		4	66357	GRIP LOCK HANDLE CLAMP POST	1	1	
		5	69445	GRIP LOCK FSV, ASM DS	1	-	
		6	69444	GRIP LOCK FSV, ASM PS	-	1	

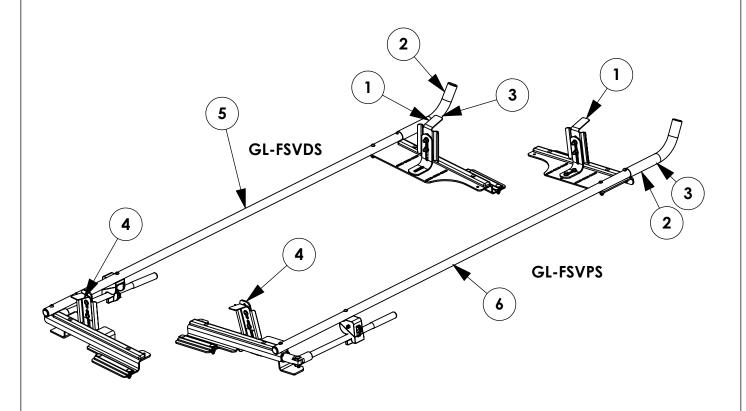
-GL-FSVDS

-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 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 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.

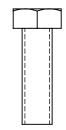
PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

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 BAG REFERENCE: BAG66374



FAS0597 SCREW, HH SS 5/16-18X1.00 SINGLE QTY: 2



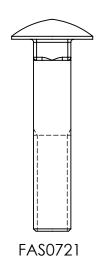
FAS0248 NUT, HEX NLK 5/16-18 SS SINGLE QTY: 3



FAS0552 WASHER, FLAT 5/16 USS SS SINGLE QTY: 5



FASO110 NUT, HEX NLK 3/8-16 SS QTY: 1



BOLT, CRG SS 3/8-16X2.00 QTY: 1



FAS0841 SCRW,BHCS SS 5/16-18X2.0 QTY: 1

FOR DUAL SIDED RACK DOUBLE FASTENER QUANTITY

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	INITENITION ALLIVIETT DI ANIX	
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5 STO

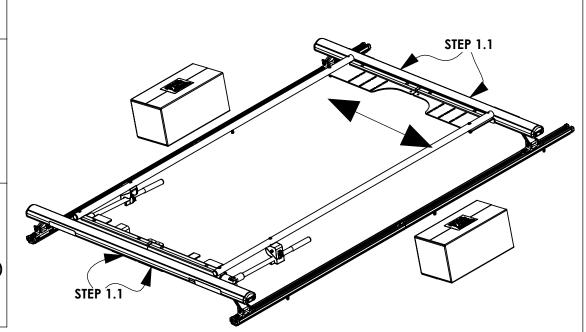
SHIP THRU FINAL DEALER ASSEMBLY IF NOT RECIEVING SHIP THRU RACK SKIP TO STEP 2

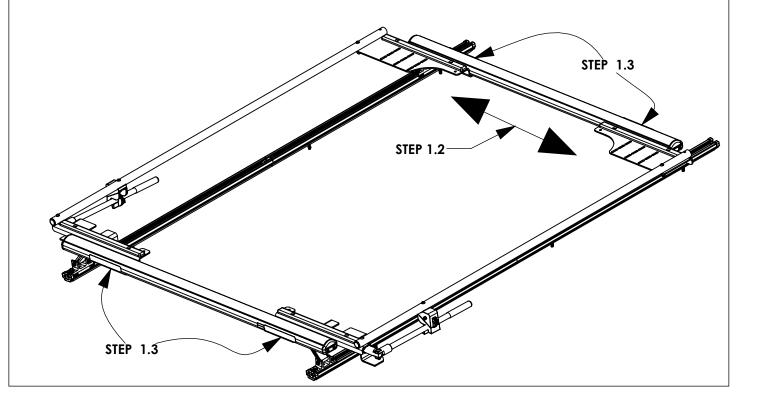
STEP 1 SLIDE RACK OUT FROM SHIP THRU MODE



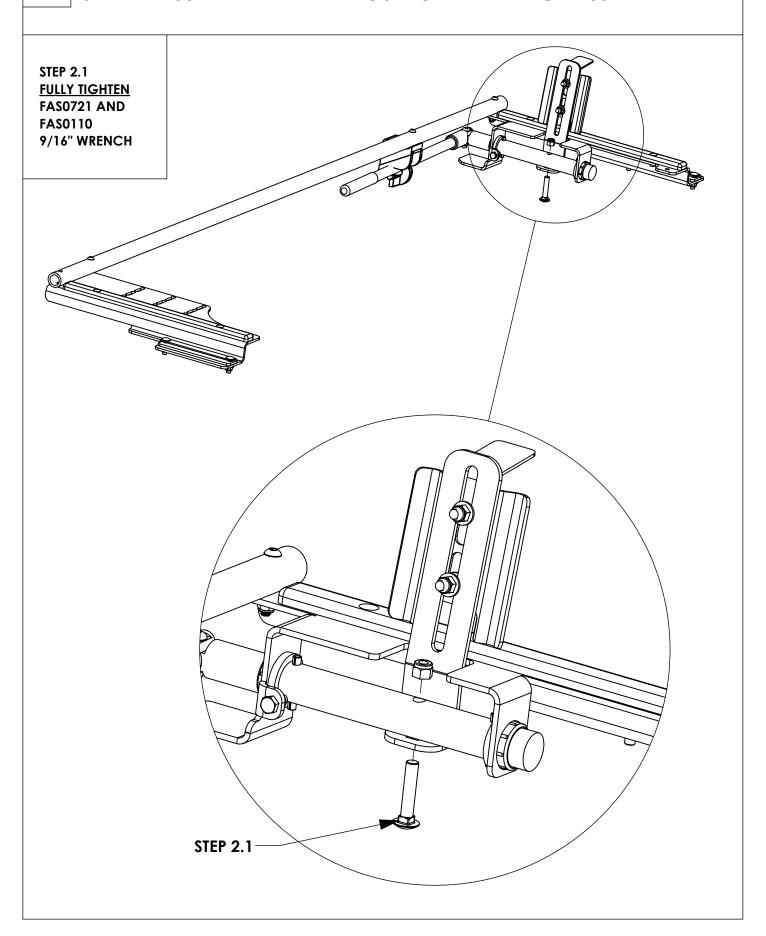
STEP 1.2
SLIDE RACK
OUTWARDS UNTIL
GRIP LOCK
TOUCHES
MOUNTING FEET

STEP 1.3 FULLY TIGHTEN FAS0248 (04 PLACES PER SIDE) 1/2" WRENCH

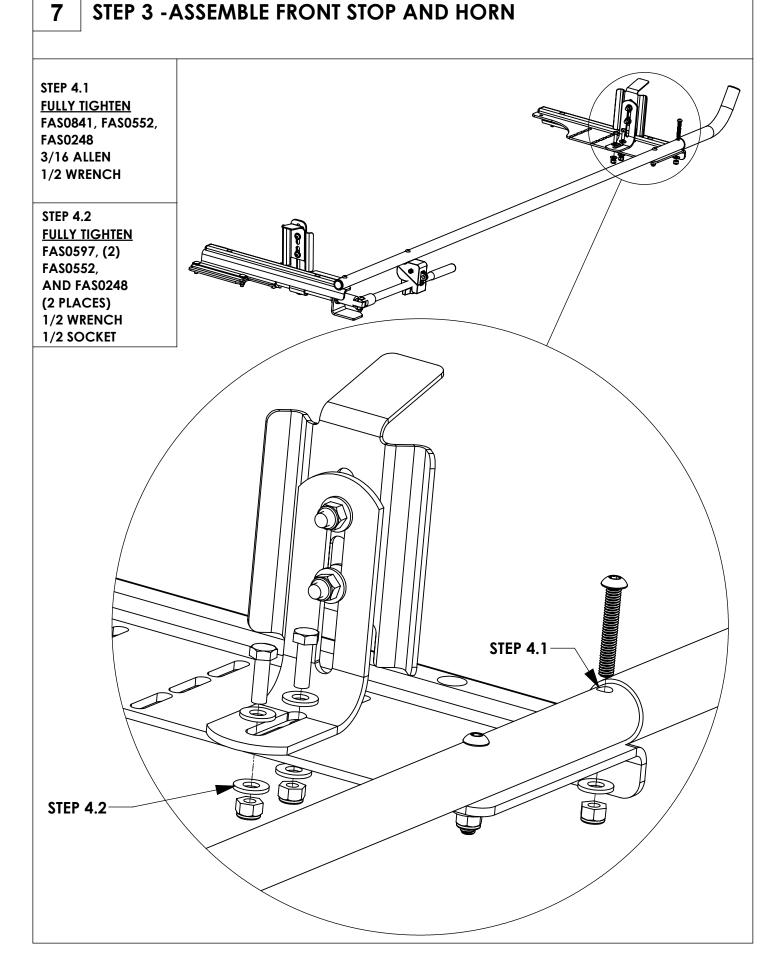




STEP 2 -ASSEMBLE HANDLE POST TO REAR BRACE ASSEMBLY



STEP 3 -ASSEMBLE FRONT STOP AND HORN



STEP 4 - INSTALL GRIP LOCK INTO CROSSBOW

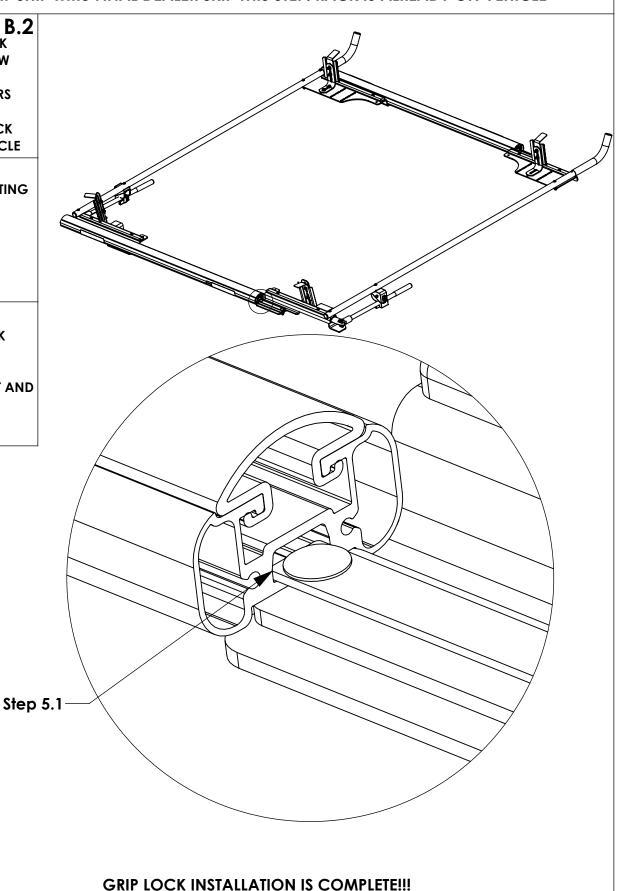
IF SHIP THRU FINAL DEALER SKIP THIS STEP. RACK IS ALREADY ON VEHICLE

STEP 5.1 **B.2** SLIDE GRIP LOCK INTO CROSSBOW

LEAVE FASTENERS
LOOSE FOR
ADJUSTING RACK
ONCE ON VEHICLE

STEP 5.2
INSTALL MOUNTING
FEET ONTO
CROSSBOW
(REFERENCE
MOUNTING KIT
INSTRUCTIONS)

STEP 5.3
SLIDE GRIP LOCK
OUT SO IT IS
TOUCHING
MOUNTING FEET AND
FULLY TIGHTEN
FASTENERS





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

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.

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

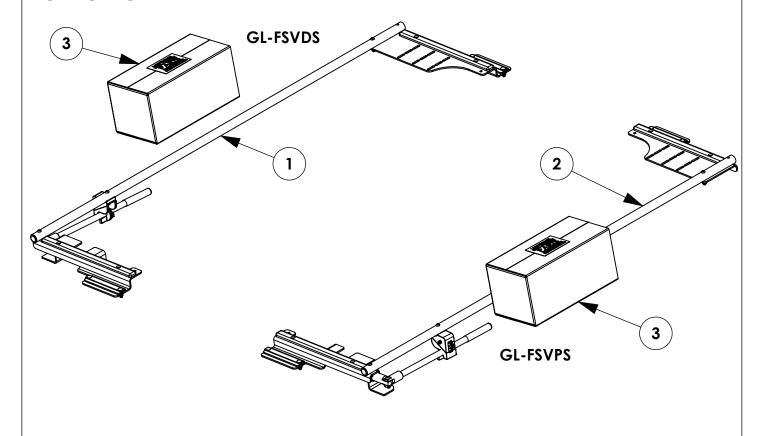
INSTR. 70691	<i>PG:</i>	REV:	ITEM NO.	PART NUMBER	DESCRIPTION	GL-FSVDS	GL-FSVPS
PART • GL-FSVDS			1	69445	GRIP LOCK FSV, ASM DS	1	-
NUMBER • GL-FSVPS			2	69444	GRIP LOCK FSV, ASM PS	-	1
PART • GL FULL SIZE VE			3	66373	GRIP LOCK BRKTS & HORN	1	1

NOTE: THIS
INSTRUCTION IS VALID
FOR THE FOLLOWING
KITS:

NOTE: 66357, 69444, & 69445 ARE AVAILABLE IN BLACK VARIANTS

- FOR THEIR IDENTIFICATION, ADD THE "-B" SUFFIX TO THE END OF THE PART NUMBER

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



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

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 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.

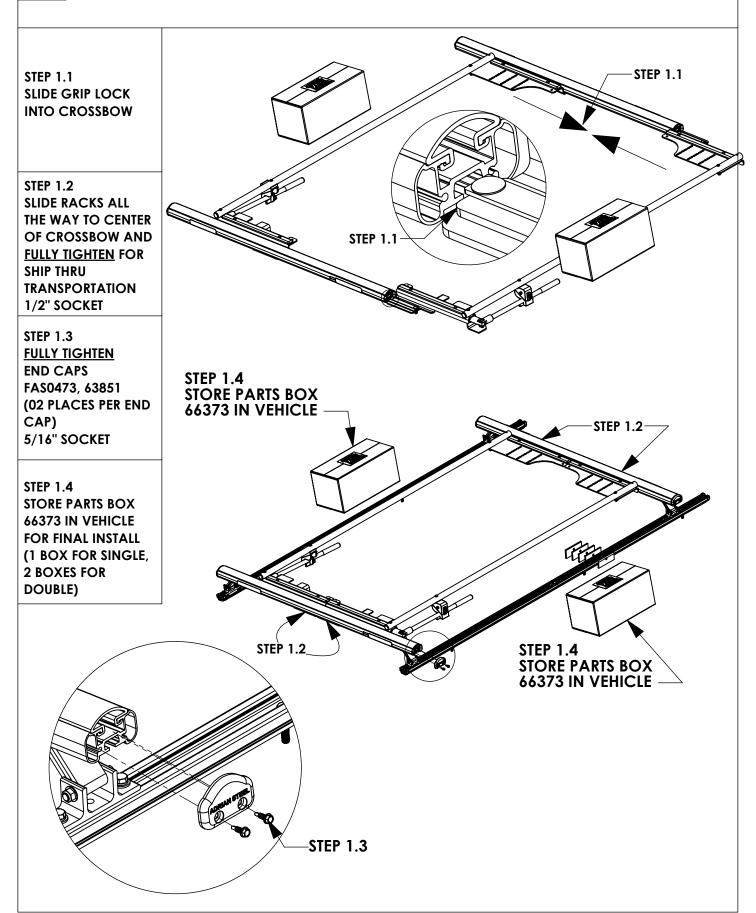
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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.

PAGE:	
3	FASTENERS USED
•	BAG REFERENCE:
	DAG KLI LKLINCL.
	NO FASTENER BAG
	ALL FASTENERS INCLUDED IN ASSEMBLY

STEP 1 - INSTALL GRIP LOCK FOR SHIP THRU





Mounting Roof Rail Kit, Transit

PRODUCT WEIGHT 7.2 LBS

HEIGHT OFF ROOF

SEE TABLE BELOW

CAPACITY

REFER TO OEM'S RECOMMENDED LOAD RATING

COLOR

RAW

CATALOG NUMBER

RRKFT

PRODUCT FEATURES

Ford Transit aluminum mounting roof rail kit for the PROFILE™ HD Utility, Grip-Lock, ProLift, and combo ladder racks. Mounting kit works on all roof height and wheelbase combinations for Ford Transit vans.

Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

SEE PAGES 2 & 3 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.

PAGE 1 of 4



CATALOG NUMBER

RRKFT

PRODUCT APPLICATION

This product is designed to be installed Ford Transit vans. 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
	White Kit Part Numbers	В	lack Kit Part Numbers
	Crossbo	ow Kits	
2BARW	2-Crossbar Kit, 68", White, Full Size Van	2BARB	2-Crossbar Kit, 68", Black, Full Size Van
1BARW	2-Crossbar Kit, 48", White, Full Size Van	1BARB	2-Crossbar Kit, 48", Black, Full Size Van
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 B	racket 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 8	L Upright Kit	s
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

Continued on Page 3

PAGE 2 of 4

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CATALOG NUMBER RRKFT

PRODUCT APPLICATION

This product is designed to be installed Ford Transit vans. 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	
,	White Kit Part Numbers	Black Kit Part Numbers		
	Grip-Lo	ck Kits		
GL-FSVDS	Driver Side Grip-Lock Kit, Full Size Van	GL-FSVDS-B	Driver Side Grip-Lock Kit, Full Size Van, Black	
GL-FSVPS	Passenger Side Grip-Lock Kit, Full Size Van	GL-FSVPS-B	Passenger Side Grip-Lock Kit, Full Size Van, Black	
	Standard Dro _l	ProLift Kit	s	
SDPLDS	Driver Side Standard Drop ProLift Kit, Full Size Van	SDPLDS-B	Driver Side Standard Drop Pro- Lift Kit, Full Size Van, Black	
SDPLPS	Passenger Side Standard Drop ProLift Kit, Full Size Van	SDPLPS-B	Passenger Side Standard Drop ProLift Kit, Full Size Van, Black	
	Max Drop P	roLift Kits		
DDPLDS	Driver Side Max Drop ProLift Kit, Full Size Van	DDPLDS-B	Driver Side Max Drop ProLift Kit, Full Size Van, Black	
DDPLPS	Passenger Side Max Drop ProLift Kit, Full Size Van	DDPLPS-B	Passenger Side Max Drop Pro- Lift Kit, Full Size Van, Black	
DDPLDSM	Driver Side Max Drop ProLift Kit, Full Size Van, Mid Roof	DDPLDSM-B	Driver Side Max Drop ProLift Kit, Full Size Van, Mid Roof, Black	
DDPLPSM	Passenger Side Max Drop ProLift Kit, Full Size Van, Mid Roof	DDPLPSM-B	Passenger Side Max Drop ProLift Kit, Full Size Van, Mid Roof, Black	
DDPLDSH	Driver Side Max Drop ProLift Kit, Full Size Van, High Roof	DDPLDSH-B	Driver Side Max Drop ProLift Kit, Full Size Van, High Roof, Black	
DDPLPSH	Passenger Side Max Drop ProLift Kit, Full Size Van, High Roof	DDPLPSH-B	Passenger Side Max Drop ProLift Kit, Full Size Van, High Roof, Black	
	Double Stack	ProLift Kits	3	
DSPLDS	Driver Side Double Stack ProLift Kit, Full Size Van	DSPLDS-B	Driver Side Double Stack ProLift Kit, Full Size Van, Black	
DSPLPS	Passenger Side Double Stack ProLift Kit, Full Size Van	DSPLPS-B	Passenger Side Double Stack ProLift Kit, Full Size Van, Black	



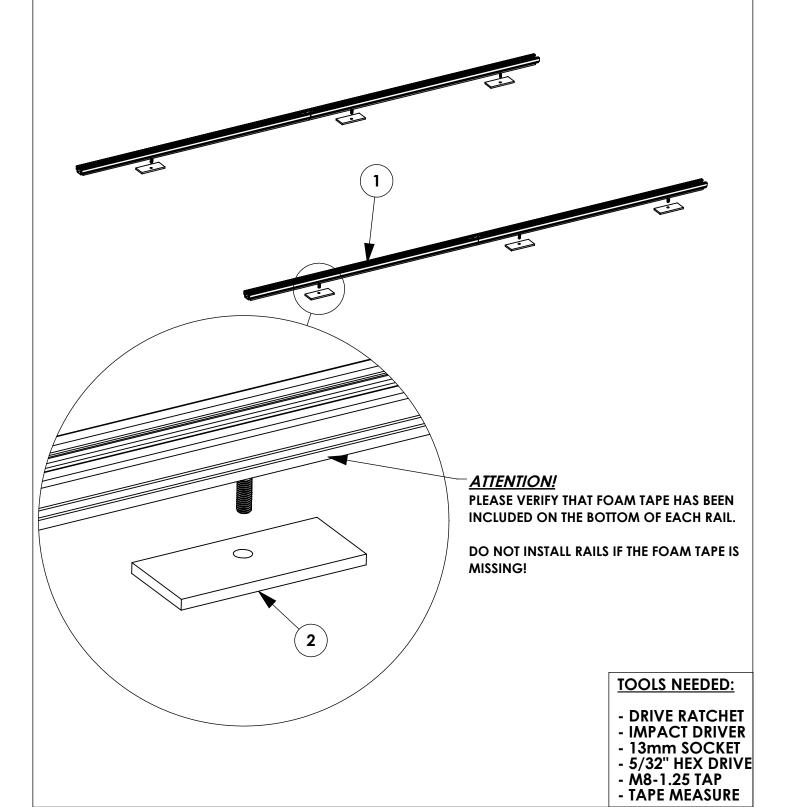
CATALOG NUMBER RRKFT

PRODUCT APPLICATION

This product is designed to be installed Ford Transit vans. HD Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

INSTR. : 67267	<i>PG:</i>	REV:	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART RRKFT	_	_	1	63477	ROOF RAIL, FORD TRNST FSV	4
		2	52709	SPACER-PAD .25 TRANSIT LR LDRK	6	
PART • ROOF RAIL KIT FT FSV						



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.

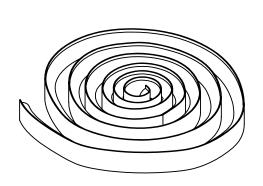
PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

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.

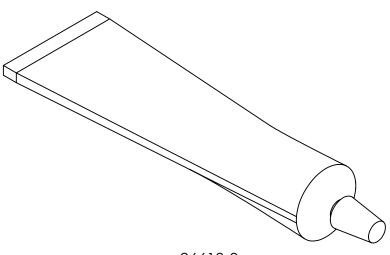
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

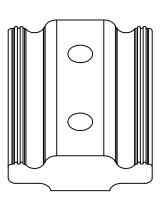
FASTENERS AND HARDWARE USED BAG REFERENCE: BAGRRKFTM & BAG63411



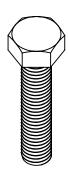
05586-0 BUTYL TAPE 1FT ROLL QTY: 1



26618-0 SILICONE 1OZ TUBE QTY: 1



63491 RAIL CONNECTOR, 2" QTY: 2



FAS0351 SCREW, HH SS M8-1.25X40 QTY: 6



FAS0552 WASHER, FLAT 5/16 SS QTY: 6



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



FAS0588 WASHER, LCK SPLIT 5/16 SS QTY: 6

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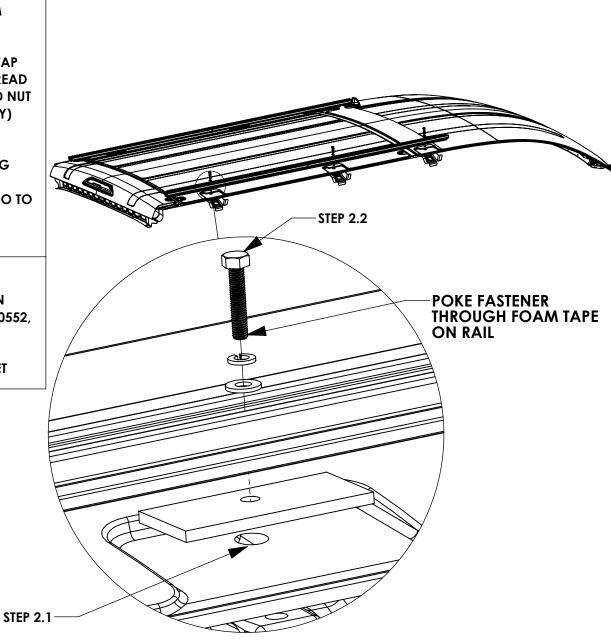
STEP 2 - INSTALL ROOF RAILS ONTO VEHICLE ROOF



USE M8-1.25 TAP TO CLEAR THREAD OF OEM WELD NUT (IF NECESSARY)

ROOF HOLE CLEARANCING MAY BE NECESSARY DO TO OEM ROOF TOLERANCE

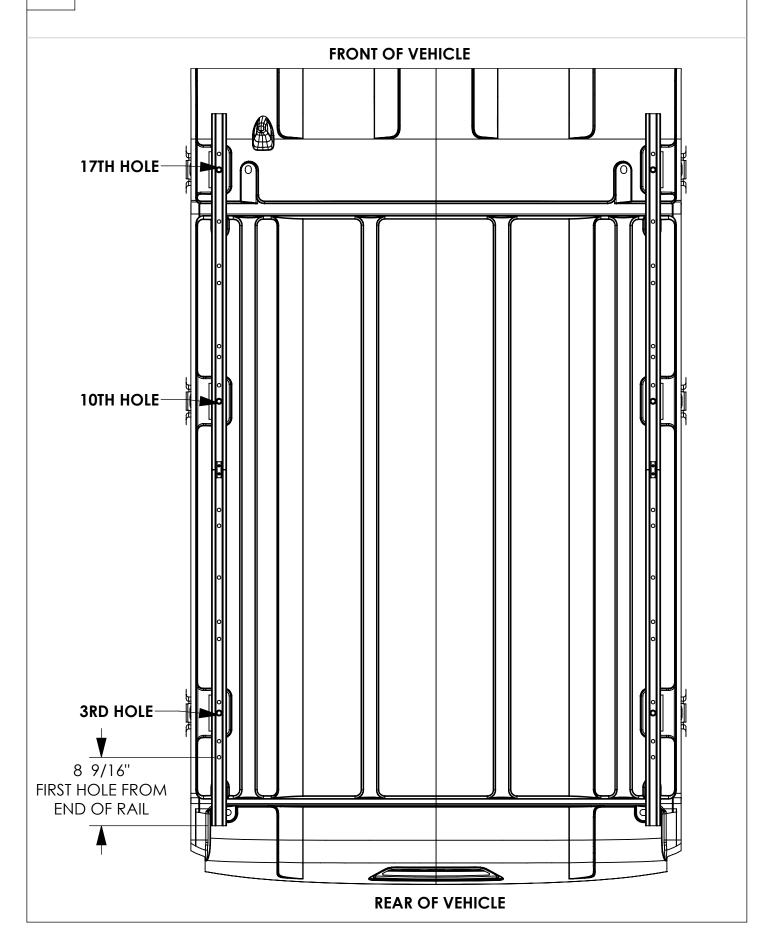
STEP 2.2 FULLY TIGHTEN FAS0351, FAS0552, FAS0588 (06 PLACES) 13mm SOCKET



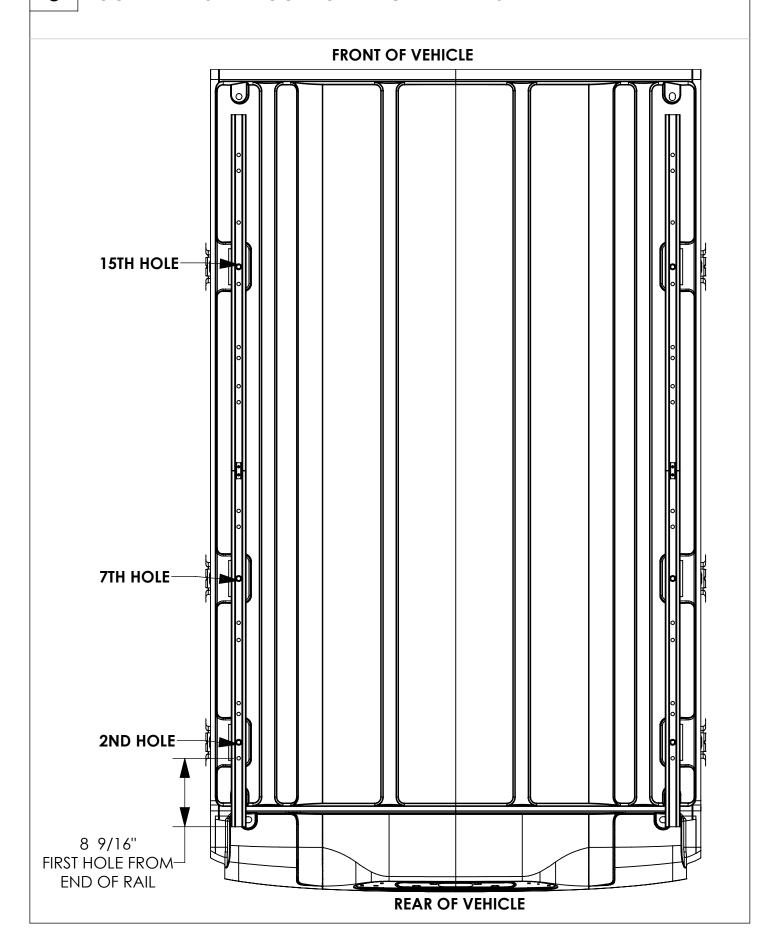
ADD SILICONE TO FILL CAVITY OF EACH OEM WELD NUT IN VEHICLE ROOF AND BUTYL TAPE UNDER WASHERS ON BOLT



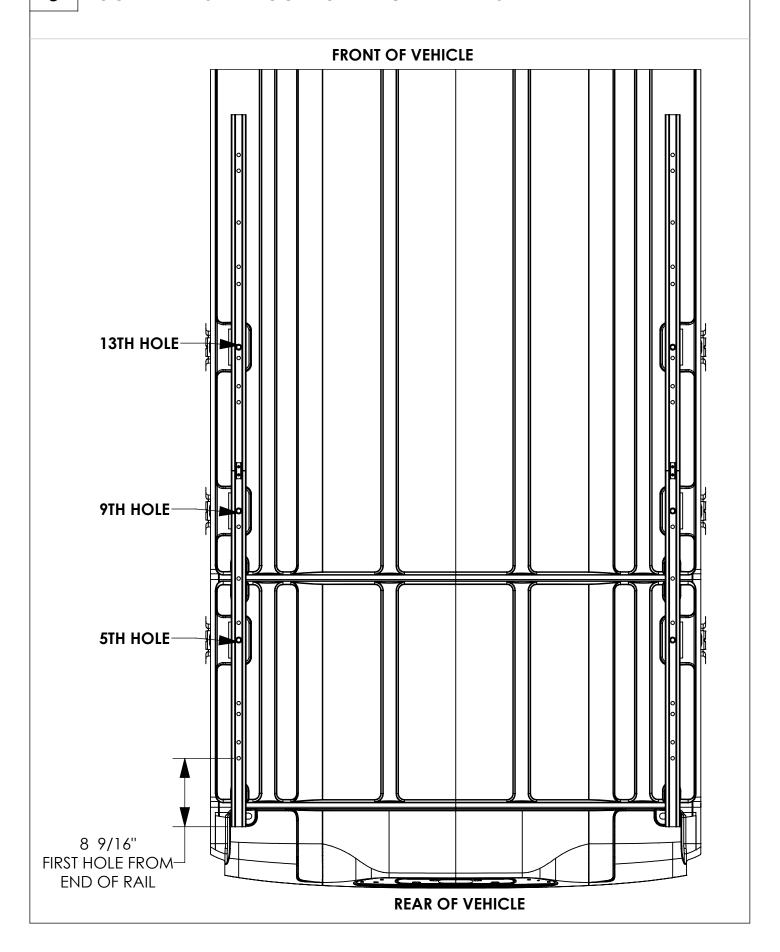
ROOF RAIL INSTALL LOCATION - 130" WHEELBASE



ROOF RAIL INSTALL LOCATION - 148" WHEELBASE



ROOF RAIL INSTALL LOCATION - 148" WHEELBASE





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

PRODUCT WEIGHT
4.0 LBS

HEIGHT OFF ROOF

SEE TABLE BELOW

CAPACITY

REFER TO OEM'S RECOMMENDED LOAD RATING

COLOR

WHITE

CATALOG NUMBER

URMBK4W

PRODUCT FEATURES

Aluminum mounting bracket kit for the PROFILE™ HD Utility, Grip-Lock, and/or ProLift ladder racks. Only works with the OEM specific, Adrian Steel supplied roof rail kit.

Utility and Grip-Lock racks are not recommended for medium or high roof vehicles!

Reference respective OEM specific roof rail kit for more detailed list of compatible accessories.

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

PAGE 1 of 2

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CATALOG NUMBER

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.

<u>3/19/2025</u>

UPDATED INSTALL POSITION OF URMBK ON FORD TRANSIT LOW ROOF IN LINE WITH **DEVIATION #1172 - SEE PAGES 12 AND 13 FOR DETAILS AND RECOMMENDATIONS. PAGE 2 APPLIES FOR ALL VEHICLE/ ROOF COMBINATIONS.**

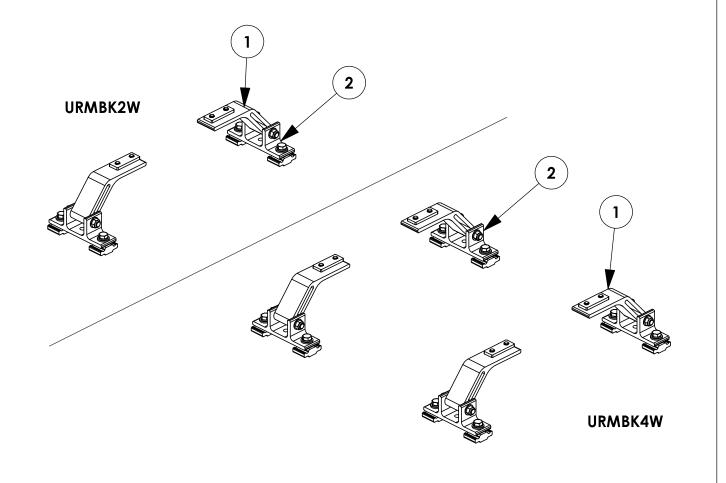
INSTR. : 66850	PG: RE	/: ITEM NO.	PART NUMBER	DESCRIPTION	URMBK4W	URMBK2W
PART • LIDNADIA	- -	1	65123-W	UTILITY,FT MOUNT ARM,ST,W	4	2
NUMBER : URMBK		2	63852-W	UTILITY, MOUNTING BRKT, W	4	2

PART • DESC. • UTILTY, 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 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 AND HARDWARE USED BAG REFERENCE: BAG66848



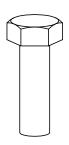
FAS0858 5/16-18X.63 FHH SCREW QTY: 8



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



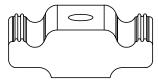
FAS0861 5/16-18 SS HH FLG NUT QTY: 4



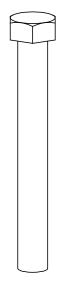
FAS0597 5/16-18X1.0 SS HH SCREW QTY: 8



FAS0588 5/16 SS SPLIT WASHER QTY: 8



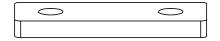
63490 RAIL SLIDE, 1" QTY: 8



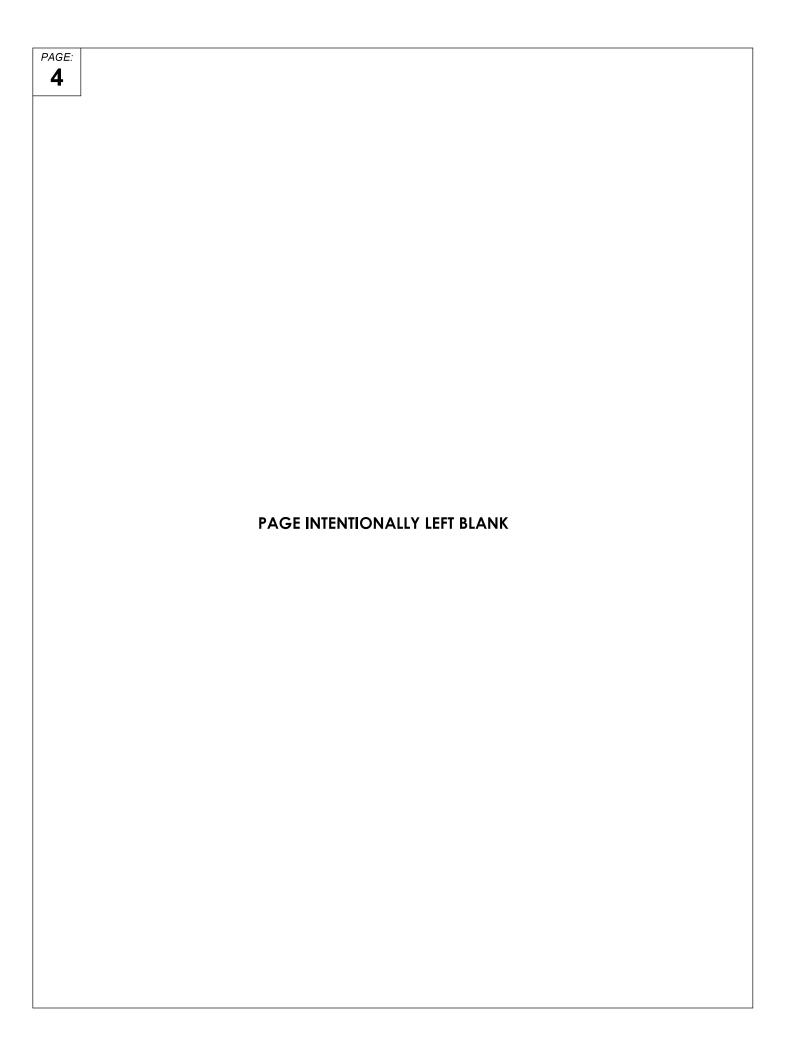
FAS0243 5/16-18X2.5 SS HH SCREW QTY: 4



FAS0552 5/16 SS FLAT WASHER QTY: 12



68042 PROFILE FOOT MOUNTING PLATE QTY: 4



STEP 1 - ASSEMBLE MOUNTING ARMS TO CROSSBOW



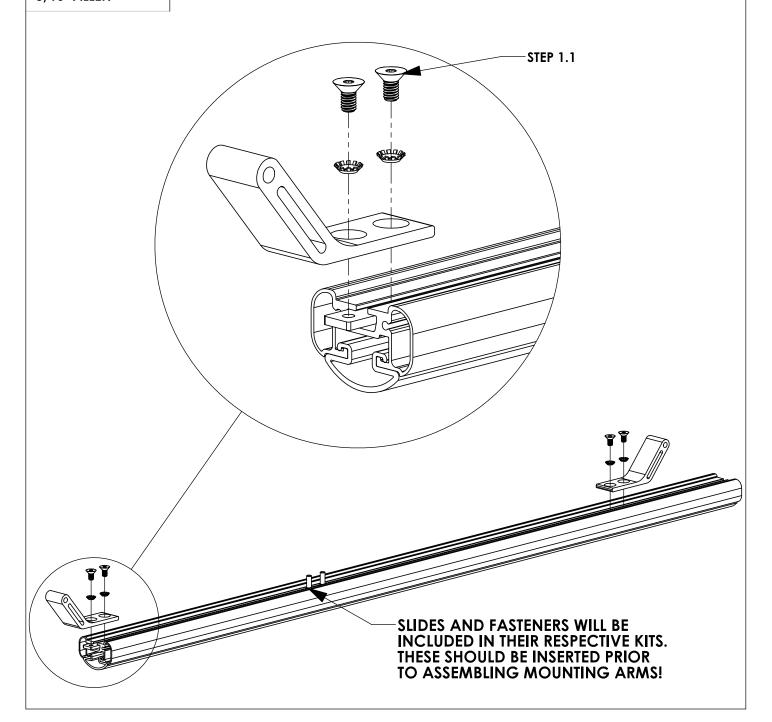
CHECK TABLE 1-3 IN INSTRUCTION 68895 FOR ADDITIONAL ACCESSORY SLIDE INSTALLATION BEFORE INSTALLING MOUNTING BRACKETS (ALL A.2 ITEMS SHOULD BE COMPLETELY ASSEMBLED FIRST!)

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



MOUNTING FEET FOR GRIP LOCK SID OF COMBO RACK WILL FACE **OUTWARD FROM ROOF CENTERLINE ON TOPPER**

STEP 2.1-

DE	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"			

FEET ORIENTATION FOR DUAL GRIP-LOCK SHOWN

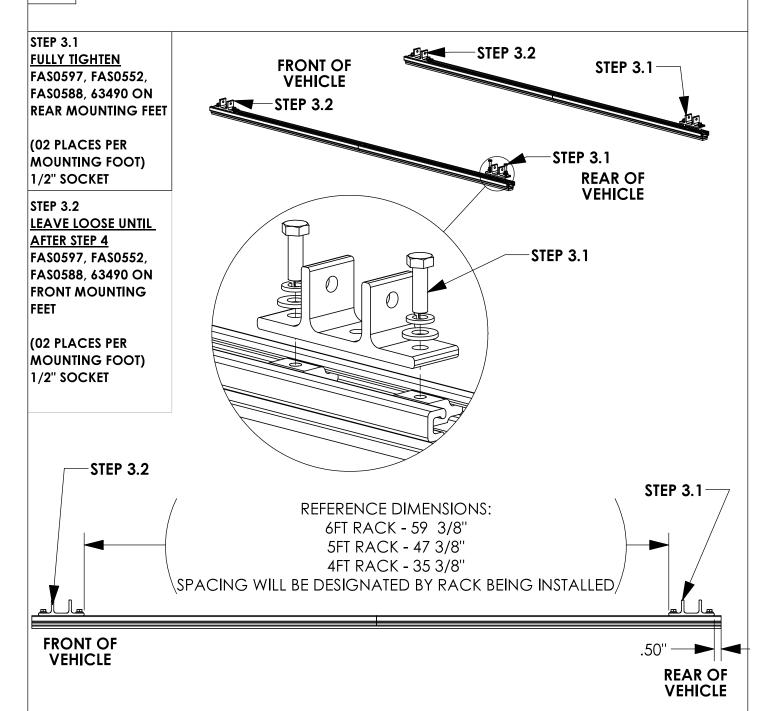
STEP 2.1

STEP 2.1

STEP 2.1



STEP 3 - ASSEMBLE LOWER MOUNTING FOOT TO ROOF RAIL



CROSSBOW POSITIONING NOTES:

HD UTILITY RACK -

REAR CROSSBOW - REARWARD AS POSSIBLE FRONT CROSSBOW - POSITION TO BEST FIT END USER'S PRODUCT

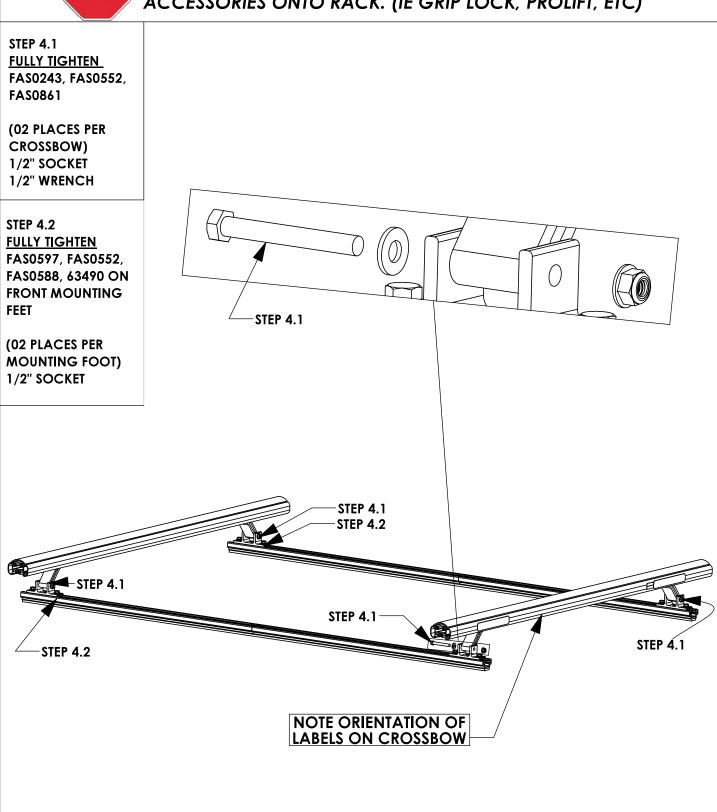
GRIP LOCK/PROLIFT LADDER RACKS -

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

STEP 4 - ASSEMBLE MOUNTING BRACKETS TO MOUNTING ARMS



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



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.

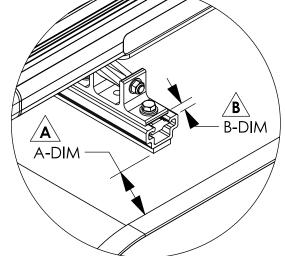
6' ARE TOPPER / 8' LEER TOPPER

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

:K	
FRONT	
	REAR
	REAR

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

FORD TRANSIT LOW ROOF POSITION UPDATES PER DEVIATION #1172 ON NEXT TWO PAGES

INSTR. : INS76139

PG:

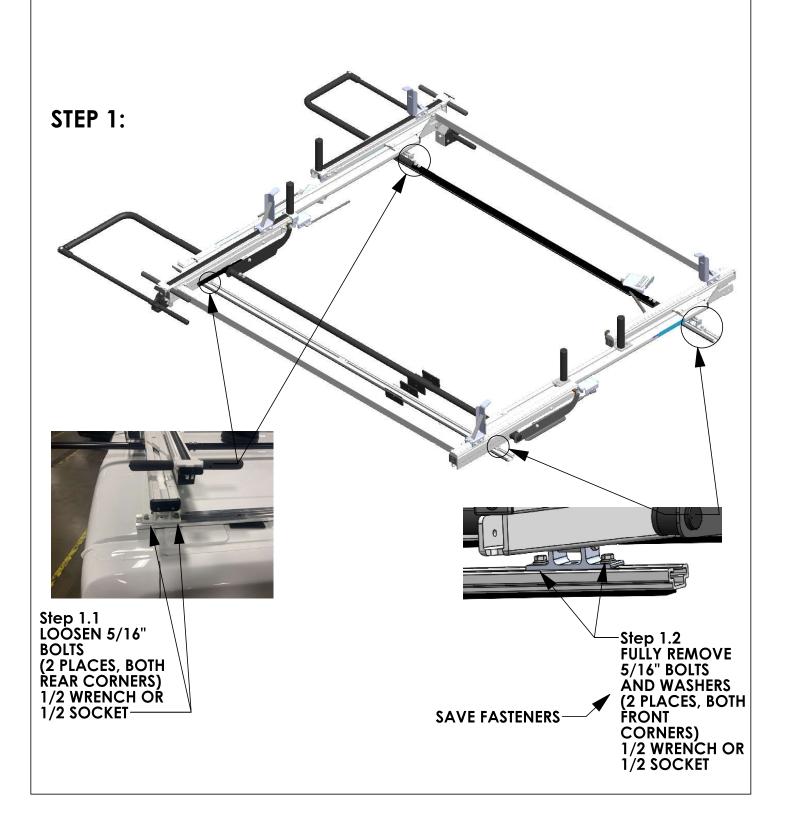
REV: A

ProLift LADDER RACK OPTIMAL **ADJUSTMENT INSTRUCTIONS:**

TOOLS NEEDED:

- SOCKET WRENCH (OR 1/2" WRENCH)
 - 1/2" SOCKET
 - TAPE MEASURE

(POWER TOOLS NOT RECOMMENDED)



STEP 2 & 3 - CHANGING POSITION OF LADDER RACK

Step 2.1
WITH BOLTS
REMOVED, MOVE
FRONT FOUR SLIDES
(2 PER CORNER) TO
DESIRED LOCATION



BEFORE ADJUSTING
POSITION, CHECK
WIRING TO ENSURE
ELECTRICAL
COMPONENTS DO
NOT INTERFERE WITH
ADJUSTMENT

Step 2.2

ONCE ALL BOLTS

ARE LOOSENED,

SLIDE LADDER

RACK FORWARD

TO DESIRED

LOCATION.

*ALIGN WITH

FRONT SLIDES*

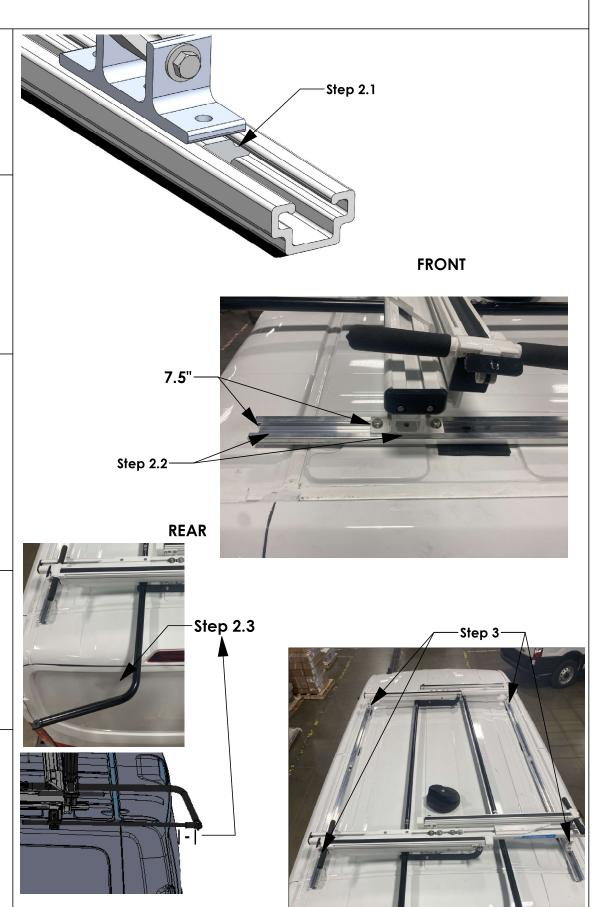
(CONFIRM WITH

TAPE MEASURE)

Step 2.3
CHECK
CLEARANCE OF
REAR DROPDOWN HANDLE,
(TARGET MINIMUM
CLEARANCE OF 2"
FOR BOTH
HANDLES)

Step 3
RE-INSERT FRONT
FASTENERS SAVED
FROM STEP 1.2,
FULLY TIGHTEN ALL
BOLTS TO LOCK IN
PLACE.

1/2" SOCKET OR WRENCH





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 PROFILETM SERIES LADDER RACKS

INSTRUCTION #: 68895

PROFILE™ SERIES LADDER RACKS. PLEASE ENSURE ALL ACCESSORIES ARE INSTALLED PER TYPE OF RACK BEFORE PROCEEDING TO NEXT PAGE. THIS INSTRUCTION PROVIDES A GENERAL GUIDE OF INSTALLATION SEQUENCE FOR ALL

REV:

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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.

INSTRUCTIONS FOR EACH KIT CAN BE FOUND IN THEIR RESPECTIVE CARTON!

TOP OF CROSSBOW *IMAGE NO TO SCALE!

BOTTOM OF CROSSBOW

	TABLE 1	E 1	
		101	TOP OF CROSSBOW
٠ ن		CC	COMPONENTS TO INSTALL
)		HD UTILITY	- CONDUIT KIT OR BEACON
	A.1	Grip-Lock	- CONDUIT KIT OR BEACON
Ō		<u>ProLift</u>	- CONDUIT KIT OR BEACON
•		воп	BOTTOM OF CROSSBOW
		CC	COMPONENTS TO INSTALL
		HD UTILITY	- LADDER STOP, STROBE BRACKET, AND/OR REAR ROLLER
	A.2	<u>Grip-Lock</u>	- Grip-Lock SUB-ASSEMBLY
		<u>ProLift</u>	- DAMPER BRACKET



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

TOP OF CROSSBOW

*IMAGE NOT

BOTTOM OF CROSSBOW

TABLE 4

TOP OF CROSSBOW

COMPONENTS TO INSTALL

HD UTILITY

4" UPRIGHT

Grip-Lock - N/A

 Ω

ProLift - SLIDES FOR BASE EXTRUSION

BOTTOM OF CROSSBOW

COMPONENTS TO INSTALL

HD UTILITY Grip-Lock - UPRIGHTS (6", 9", RATCHET) STROBES

C.2

<u>ProLift</u>

STROBES

ASSEMBLY STEPS (FULL BENCH ASSEMBLY):

- 2T. ADD DRIVELINES (IF INSTALLING ProLiff)
- 3T. ADD HANDLES (IF INSTALLING Grip-Lock OR ProLift) AND DAMPERS (IF INSTALLING ProLift)
- **£** ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)

5T. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

6T. ASSEMBLE ENDS CAPS TO CROSSBOW

USED FOR HD UTILITY & Grip-Lock RACKS

LOCATED IN CROSSBOW KIT





USED FOR ProLift RACKS

- 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)

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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 & ProLiff, OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER RACKS)

MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO VEHICLE/MOUNTING BRACKET, OR ROOF RAIL (LOOSE INSTALL)

4R. ADD DRIVELINES (IF INSTALLING ProLiff)

5R. ADD HANDLES (IF INSTALLING Grip-Lock OR ProLiff) AND DAMPERS (IF INSTALLING ProLiff)

6R. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLiff)

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

8R. ASSEMBLE END CAPS TO CROSSBOW

USED FOR HD UTILITY & Grip-Lock RACKS

LOCATED IN CROSSBOW KIT



