



Mounting Bracket Kit, 2-Pack, White, Transit

PRODUCT WEIGHT
2 LBS

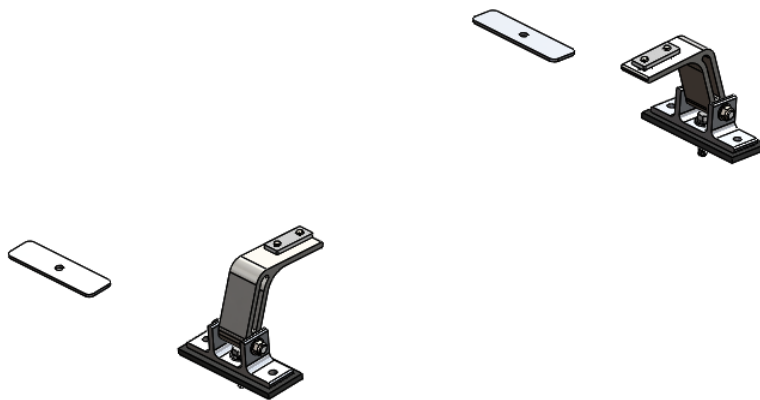
HEIGHT OFF ROOF
SEE TABLE BELOW

CAPACITY
**REFER TO OEM'S
RECOMMENDED LOAD
RATING**
COLOR

WHITE

CATALOG NUMBER

FTMBK2W



PRODUCT FEATURES

Ford Transit aluminum mounting bracket kit for PROFILE™ HD Utility Racks to add additional crossbows to 2-Bar rack. Mounting kit works for both 130" and 148" wheelbase, low roof vehicles. Can be mounted to any OEM mounting locations to best fit customer's product.

Utility racks are not recommended for medium or high roof vehicles!

Does not work with Grip-Lock or ProLift style racks.

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



CATALOG NUMBER **FTMBK2W**

PRODUCT APPLICATION

This product is designed to be installed on Ford Transit vans. HD Utility Racks are not recommended for medium or high roof vehicles!

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
FTMBK4W	Mounting Bracket Kit, 4-Pack, White, Transit	4UPK4B	4" Upright Kit, 4-Pack, Black
2BARW	2-Crossbar Kit, 68", White, Full Size Van	4UPK2B	4" Upright Kit, 2-Pack, Black
1BARW	Single Crossbar Kit, 68", White, Full Size Van	6UPK4B	6" Upright Kit, 4-Pack, Black
RRBFTW*	Rear Roller Assist Bar, White, Transit	6UPK2B	6" Upright Kit, 2-Pack, Black
70-1NGLR	4" End Cap for PVC Conduit	9UPK4B	9" Upright Kit, 4-Pack, Black
70-2NGLR	6" End Cap for PVC Conduit	9UPK2B	9" Upright Kit, 2-Pack, Black
80-1NGLR	Conduit Kit, 10w x 6h x 126d, Multiple Vehicles	RSK1B	Single Ratchet Upright Kit, 9"
80-2NGLR	Conduit Kit, 10w x 6h x 150d, Multiple Vehicles	ULSKB	Single Ladder Stop Kit

*Does not work with Ford Transit High Roof 148" wheelbase Extended vehicles!

LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

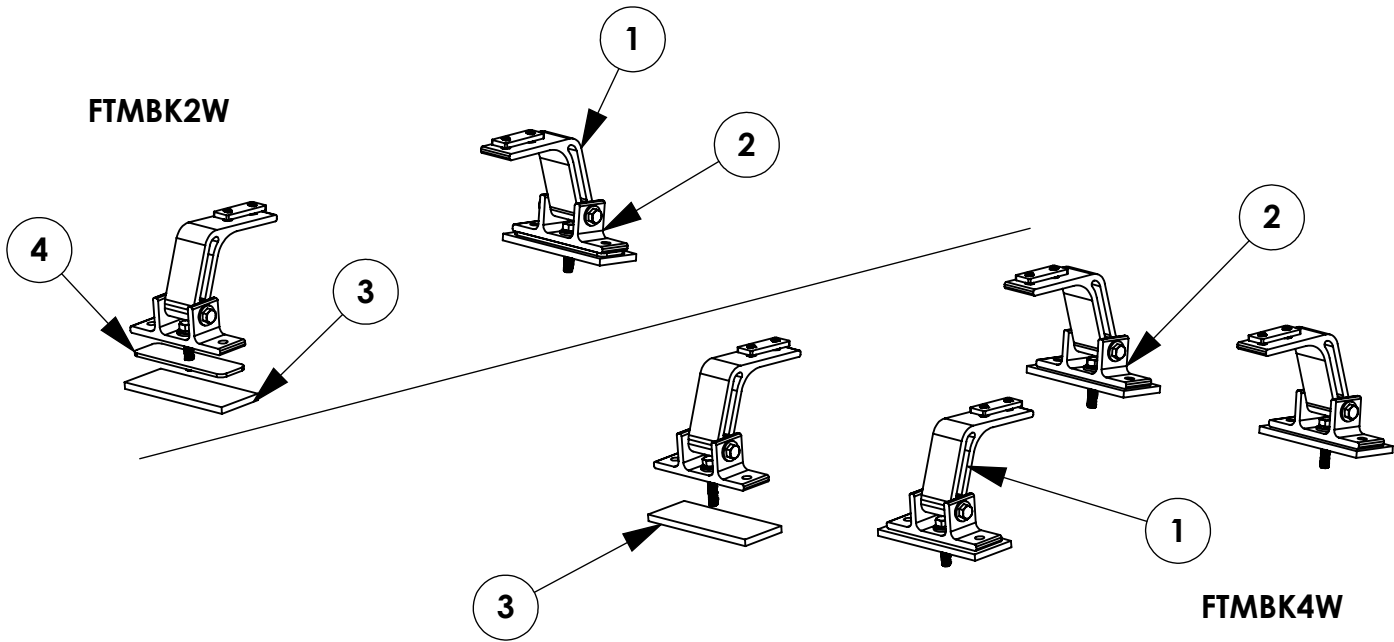
CONFIGURATION	RACK HEIGHT LOW / MED / HIGH ROOF
Base Rack	5" / 4.1" / 4.1"
Base + Ladder Stop	10.5" / 9.6" / 9.6"
Base + 4" Uprights	8.5" / 7.6" / 7.6"
Base + 6" Uprights	10.5" / 9.6" / 9.6"
Base + 9"/Ratchet Uprights	13.5" / 12.6" / 12.6"
Base + 4" PVC Conduit Kit	9.4" / 8.5" / 8.5"
Base + 6" PVC Conduit Kit	11.4" / 10.5" / 10.5"
Base + Aluminum Box Conduit Kit	11.5" / 10.7" / 10.7"

INSTR. NUMBER : 63419 PG: 1 REV: E	ITEM NO.	PART NUMBER	DESCRIPTION	FTMBK4W	FTMBK2W
	1	68202-W	PROFILE, MOUNTING ARM, W	4	2
	2	63852-W	UTILITY, MOUNTING BRKT, W	4	2
	3	47106	GASKET, FOOT, MR TRANS L/R	4	2
PART NUMBER : FTMBK PART DESC. : UTILITY, MNT BKT KT, FT	4	64777	UTILITY, FRONT SPACER, FT	-	2

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:

- FTMBK4W
- FTMBK2W
- FTMBK4B
- FTMBK2B

- PART NUMBERS WITH "-W" SUFFIX ARE PAINTED WHITE
- FOR BLACK MOUNTING KITS, REPLACE "-W" PARTS WITH "-B" PARTS



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.

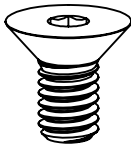
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

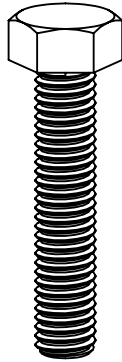
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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

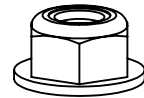
FAS0858
5/16-18X.63 SS
FHH SCREW
QTY: 8



FAS0351
M8-1.25X40 SS
HH SCREW
QTY: 4



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



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



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



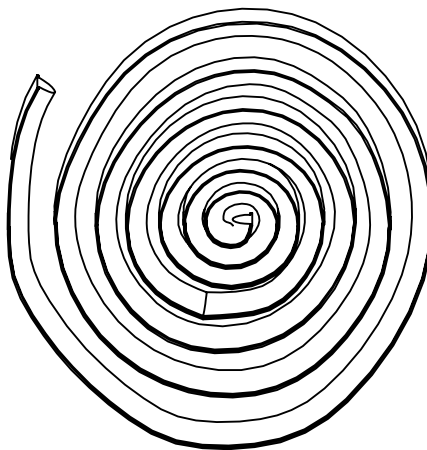
FAS0588
5/16 SS
SPLIT WASHER
QTY: 4



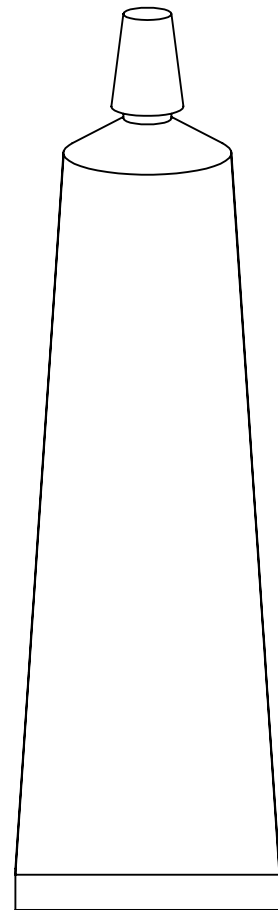
FAS0552
5/16 SS
FLAT WASHER
QTY: 8



68042
PROFILE FOOT
MOUNTING PLATE
QTY: 4



05586-0
BUTYL TAPE
T224 1FT ROLL
QTY: 1

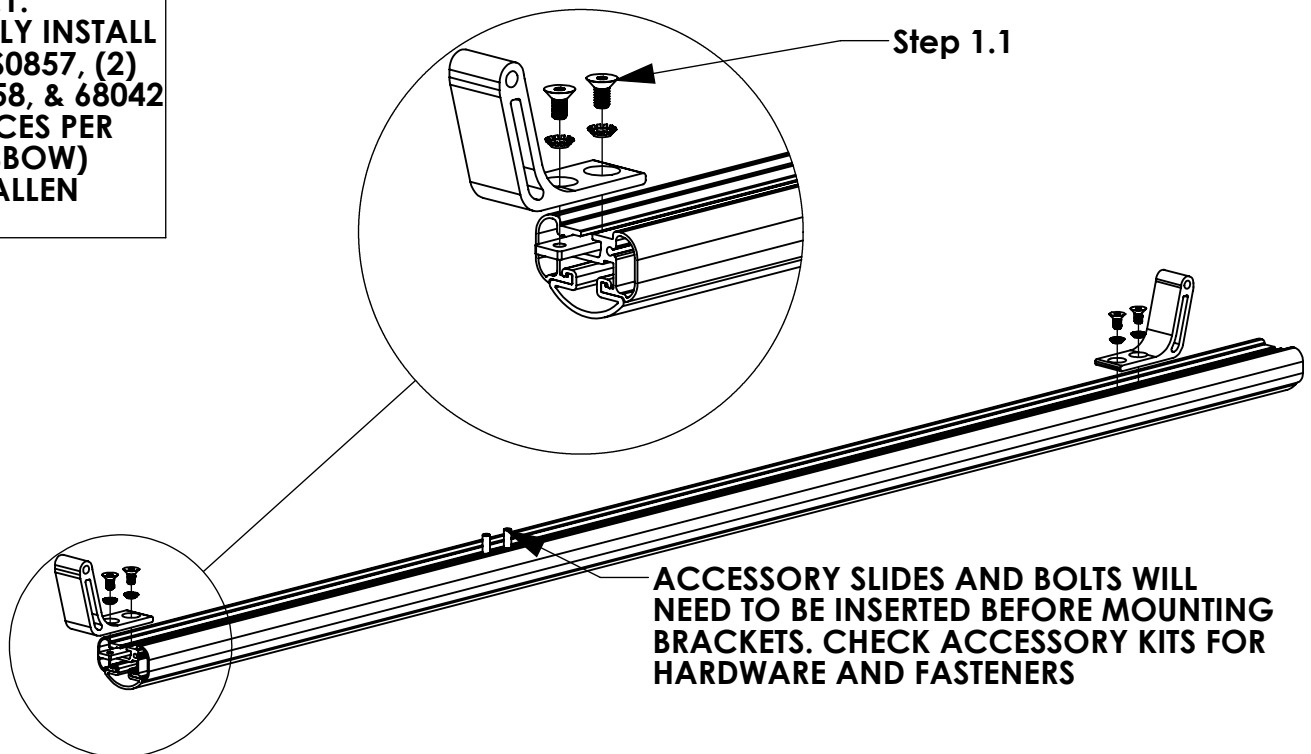


26618-0
SILICONE
1 OZ TUBE
QTY: 1

INTENTIONALLY LEFT BLANK

STEP 1 - ASSEMBLE MOUNTING ARMS TO CROSSBOW

Step 1.1:
LOOSELY INSTALL
(2) FAS0857, (2)
FAS0858, & 68042
(2 PLACES PER
CROSSBOW)
3/16" ALLEN

**STEP 2 - INSTALL MOUNTING BRACKETS TO VEHICLE ROOF**

Step 2.1
FAS0351, FAS0588,
FAS0552
(2 PLACES PER
CROSSBOW)
1/2" SOCKET

Step 2.2
POKE FASTENERS
THROUGH FOAM PAD

APPLY SILICONE AND
BUTYL TAPE TO BOLT
BEFORE TIGHTENING

CROSSBOW POSITIONING NOTES:

REAR CROSSBOW - REAR OEM MOUNTING LOCATION

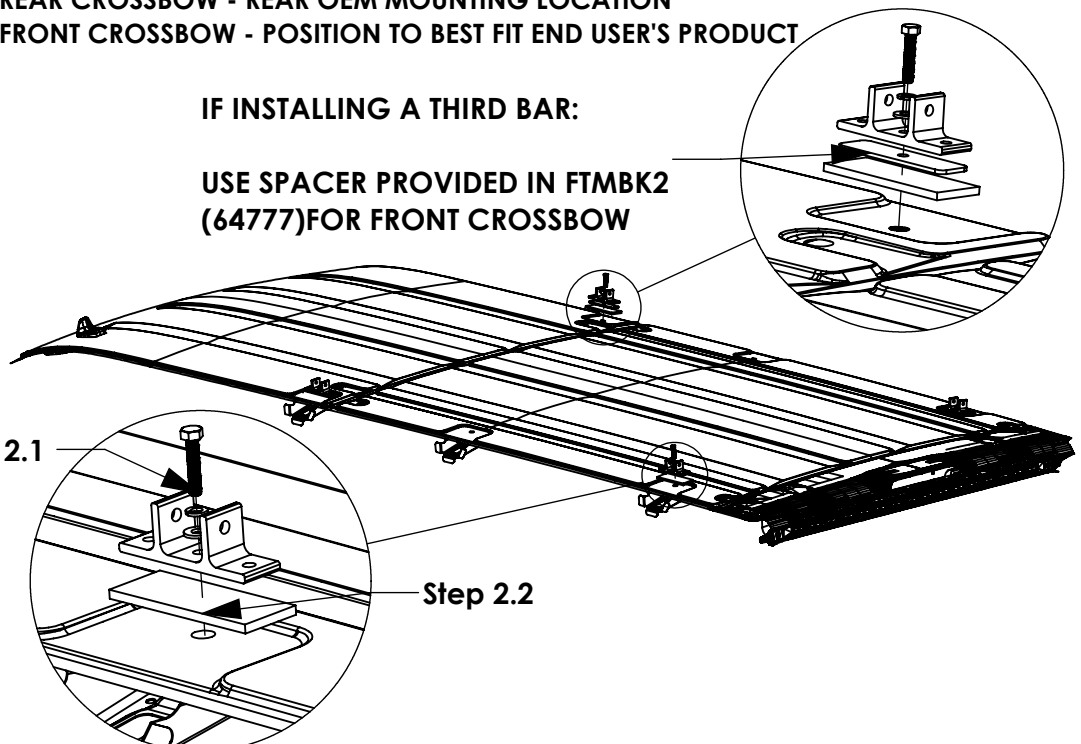
FRONT CROSSBOW - POSITION TO BEST FIT END USER'S PRODUCT

IF INSTALLING A THIRD BAR:

USE SPACER PROVIDED IN FTMBK2
(64777)FOR FRONT CROSSBOW

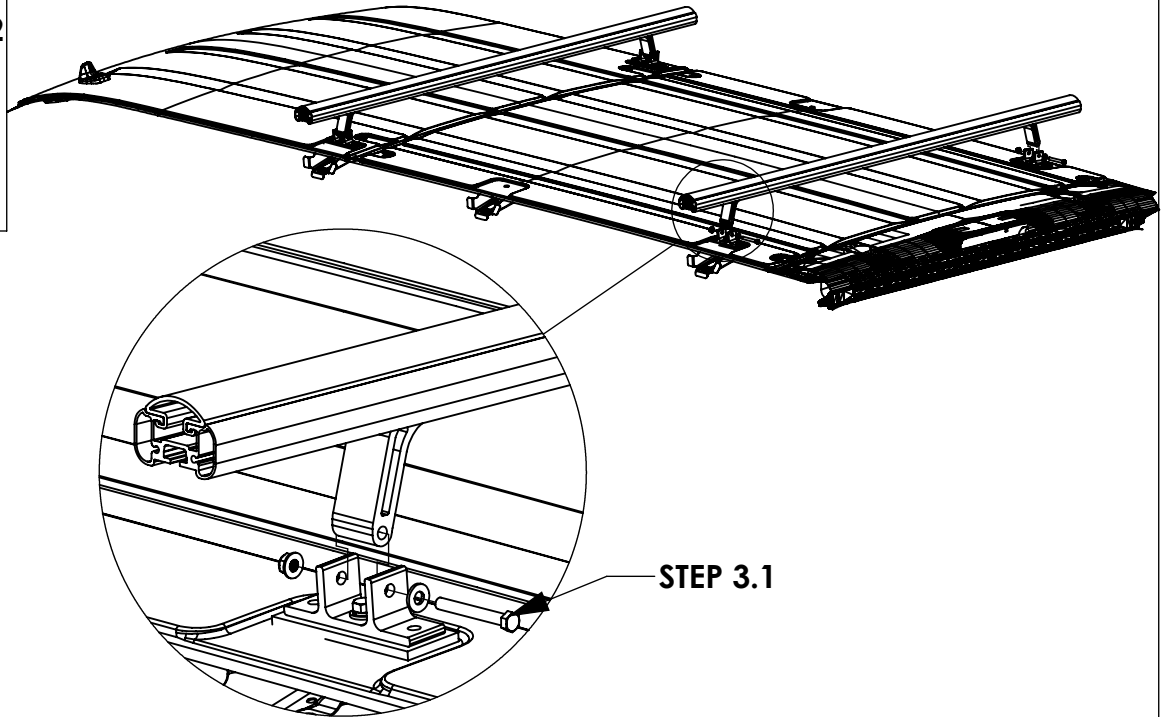
Step 2.1

Step 2.2

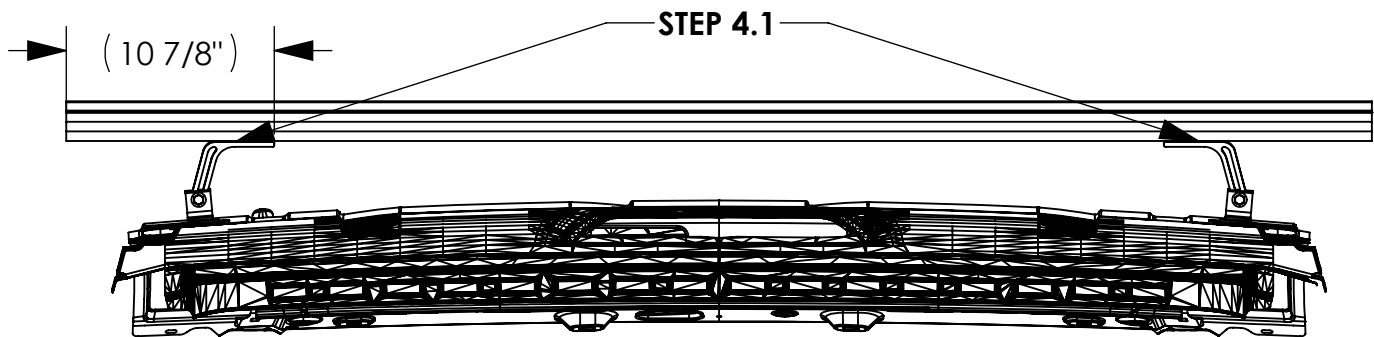


STEP 3 - ATTACH CROSSBOW ASSEMBLY TO MOUNTING BRACKETS

Step 3.1
FULLY TIGHTEN
 FAS0243, FAS0552
 FAS0861
 (2 PLACES PER
 CROSSBOW)
 1/2" SOCKET
 1/2" WRENCH

**STEP 4 - SECURE CROSSBOW**

Step 4.1
CENTER CROSSBOW
AND
SECURE MOUNTING
BRACKETS
 (4 PLACES PER
 CROSSBOW)
 3/16" ALLEN



NOTE: DIMENSION CAN VARY SLIGHTLY BASED ON BUILD TOLERANCES OF THE VEHICLE. ADJUSTMENTS MAY BE REQUIRED BEFORE INSTALLING ON VEHICLE ROOF!



Mounting Bracket Kit, 4-Pack, White, Transit



PRODUCT WEIGHT
3.6 LBS

HEIGHT OFF ROOF
SEE TABLE BELOW

CAPACITY
**REFER TO OEM'S
RECOMMENDED LOAD
RATING**
COLOR

WHITE

CATALOG NUMBER

FTMBK4W

PRODUCT FEATURES

Ford Transit aluminum mounting bracket kit for the PROFILE™ HD Utility Rack. Mounting kit works for both 130" and 148" wheelbase, low roof vehicles. Can be mounted to any OEM mounting locations to best fit customer's product.

Utility racks are not recommended for medium or high roof vehicles!

Does not work with Grip-Lock or ProLift style racks.

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



CATALOG NUMBER **FTMBK4W**

PRODUCT APPLICATION

This product is designed to be installed on Ford Transit vans. HD Utility Racks are not recommended for medium or high roof vehicles!

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
FTMBK2W	Mounting Bracket Kit, 2-Pack, White, Transit	4UPK4B	4" Upright Kit, 4-Pack, Black
2BARW	2-Crossbar Kit, 68", White, Full Size Van	4UPK2B	4" Upright Kit, 2-Pack, Black
1BARW	Single Crossbar Kit, 68", White, Full Size Van	6UPK4B	6" Upright Kit, 4-Pack, Black
RRBFTW*	Rear Roller Assist Bar, White, Transit	6UPK2B	6" Upright Kit, 2-Pack, Black
70-1NGLR	4" End Cap for PVC Conduit	9UPK4B	9" Upright Kit, 4-Pack, Black
70-2NGLR	6" End Cap for PVC Conduit	9UPK2B	9" Upright Kit, 2-Pack, Black
80-1NGLR	Conduit Kit, 10w x 6h x 126d, Multiple Vehicles	RSK1B	Single Ratchet Upright Kit, 9"
80-2NGLR	Conduit Kit, 10w x 6h x 150d, Multiple Vehicles	ULSKB	Single Ladder Stop Kit

*Does not work with Ford Transit High Roof 148" wheelbase Extended vehicles!

LADDER RACK HEIGHTS MEASURED FROM ROOF OF VEHICLE

CONFIGURATION	RACK HEIGHT LOW / MED / HIGH ROOF
Base Rack	5" / 4.1" / 4.1"
Base + Ladder Stop	10.5" / 9.6" / 9.6"
Base + 4" Uprights	8.5" / 7.6" / 7.6"
Base + 6" Uprights	10.5" / 9.6" / 9.6"
Base + 9"/Ratchet Uprights	13.5" / 12.6" / 12.6"
Base + 4" PVC Conduit Kit	9.4" / 8.5" / 8.5"
Base + 6" PVC Conduit Kit	11.4" / 10.5" / 10.5"
Base + Aluminum Box Conduit Kit	11.5" / 10.7" / 10.7"



Rear Roller Assist Bar, White, Transit



PRODUCT WEIGHT
8.4 LBS

WIDTH x DEPTH x HEIGHT
65.4" x 24" x 4.8"

CAPACITY
250 LBS

COLOR
WHITE

CATALOG NUMBER
RRBFTW

PRODUCT FEATURES

Aluminum rear roller assist kit for Ford Transit PROFILE™ HD Utility Racks. Works with all upright kits and conduit kits. Does NOT work with high roof 148" wheelbase extended vehicles. Does NOT work with Ford Transit specific rail kit.

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 RRBFTW

PRODUCT APPLICATION

This product is for Ford Transit PROFILE™ HD Utility Racks. Does NOT work with high roof 148" wheelbase extended vehicles. Does NOT work with Ford Transit rail kit. Utility style ladder racks are not recommended for medium or high roof vehicles!

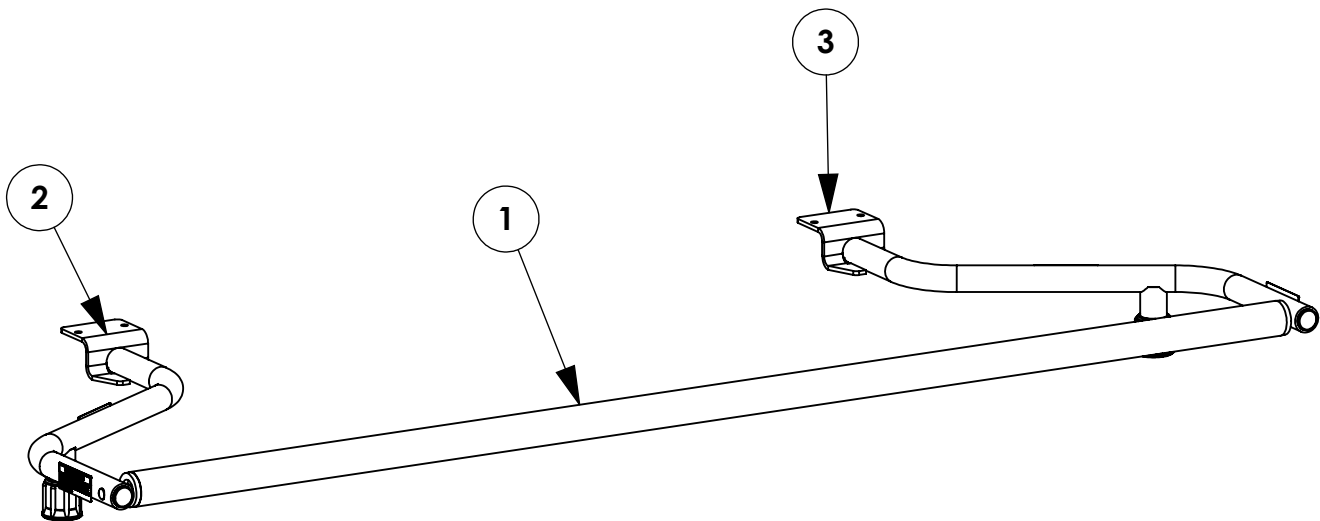
ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

<i>CATALOG NUMBER</i>	<i>DESCRIPTION</i>
2BARW	2-Crossbar Kit, 68", White, Full Size Van
FTMBK4W	Mounting Bracket Kit, 4-Pack, White, Transit

INSTR. NUMBER : 64344 PART NUMBER : RRBFTW PART DESC. : UTILITY,REAR ROLLER,FT,W	PG:	REV:	ITEM NO.	PART NUMBER	DESCRIPTION	
	1	D	1	64174	REAR ROLLER,BAR ASSM,62"	1
			2	64158-W	REAR ROLLER,DS WELD,FT,W	1
			3	64159-W	REAR ROLLER,PS WELD,FT,W	1

NOTE: THIS INSTRUCTION IS VALID FOR ALL "RRB" REAR ROLLER KITS:

- RRBFTW (SHOWN)
 (& FORD TRANSIT SHIP THRU CONFIGURATION)
- RRBNVW
- RRBSPW
- RRBSPRW



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.

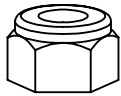
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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).

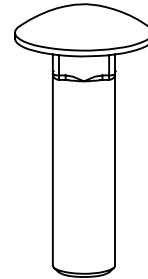
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

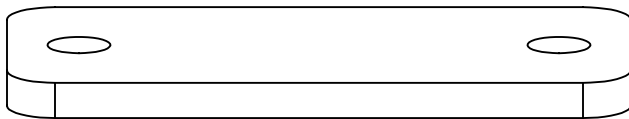
FAS0248
5/16-18 SS
NLK HEX NUT
QTY: 4



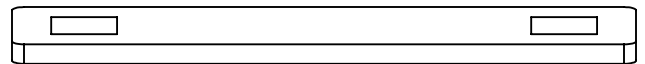
FAS0552
5/16 SS
FLAT WASHER
QTY: 4



FAS0812
5/16-18X1.25 SS
CRG BOLT
QTY: 4



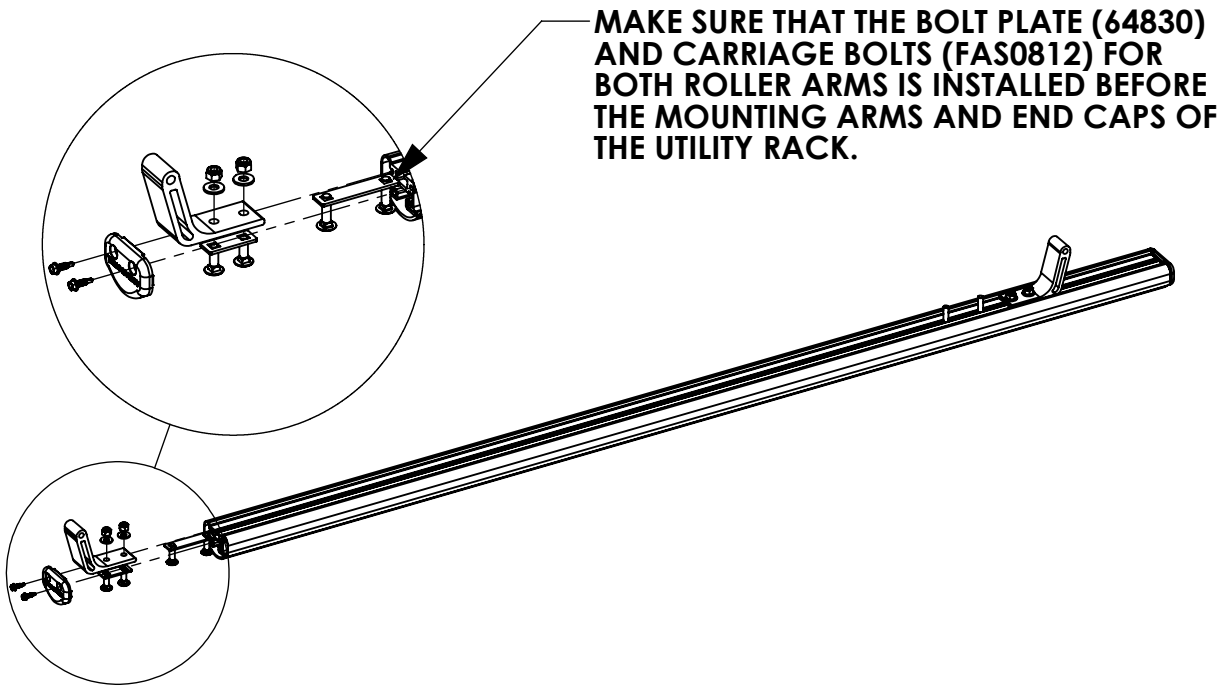
64831
SPACER,
REAR ROLLER
QTY: 2



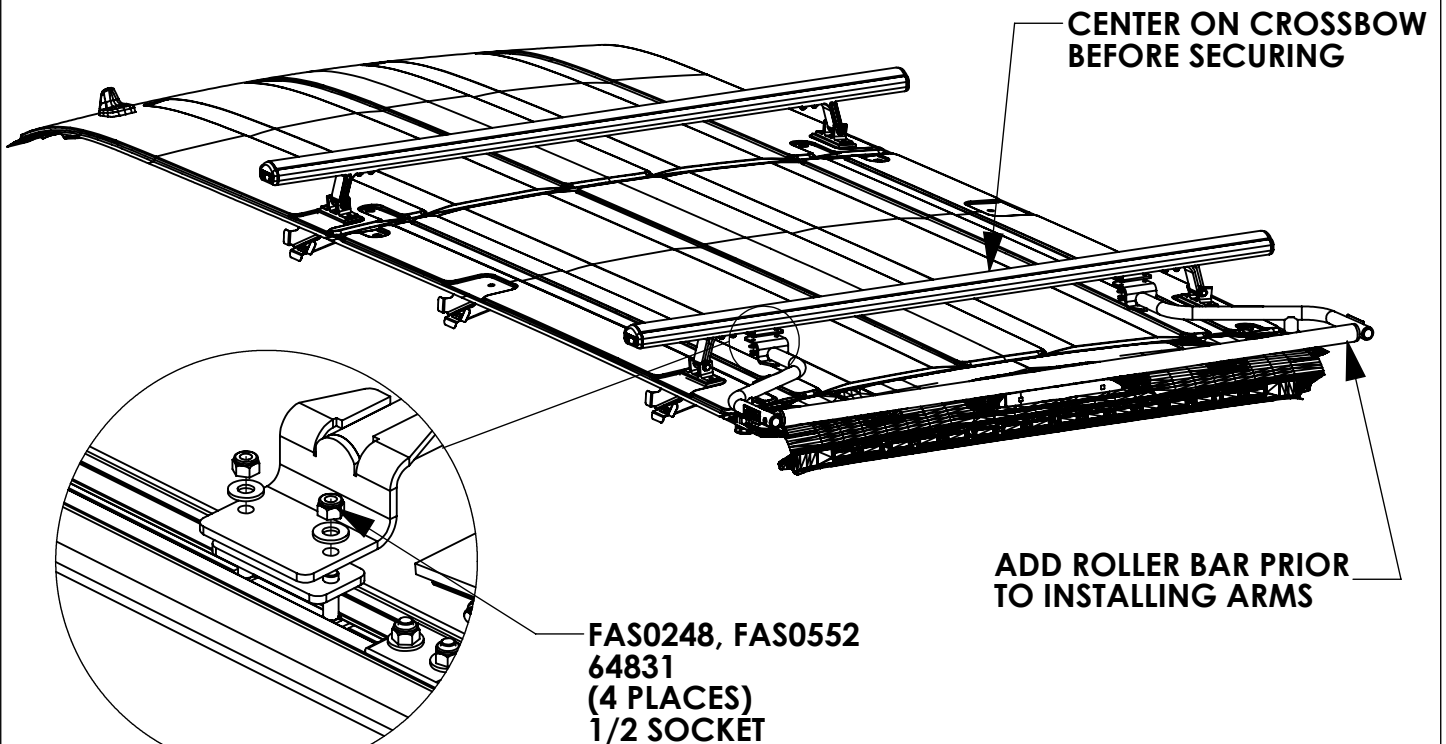
63934
NOLT PLATE,
REAR ROLLER
QTY: 2

BEGIN ASSEMBLY

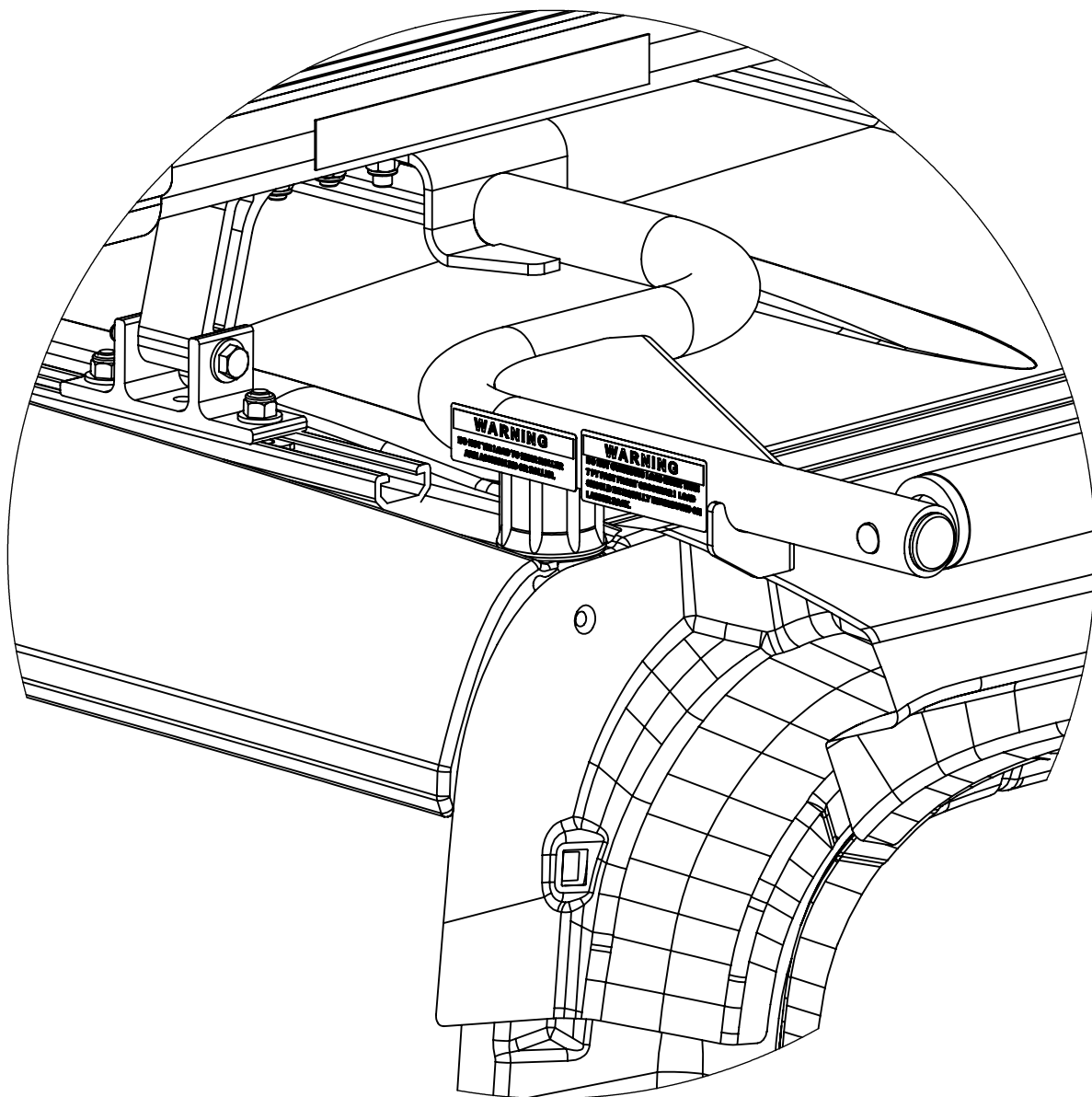
STEP 1 - ATTACH ROLLER ARMS TO CROSSBOW



STEP 2 - ADD ROLLER BAR & SECURE

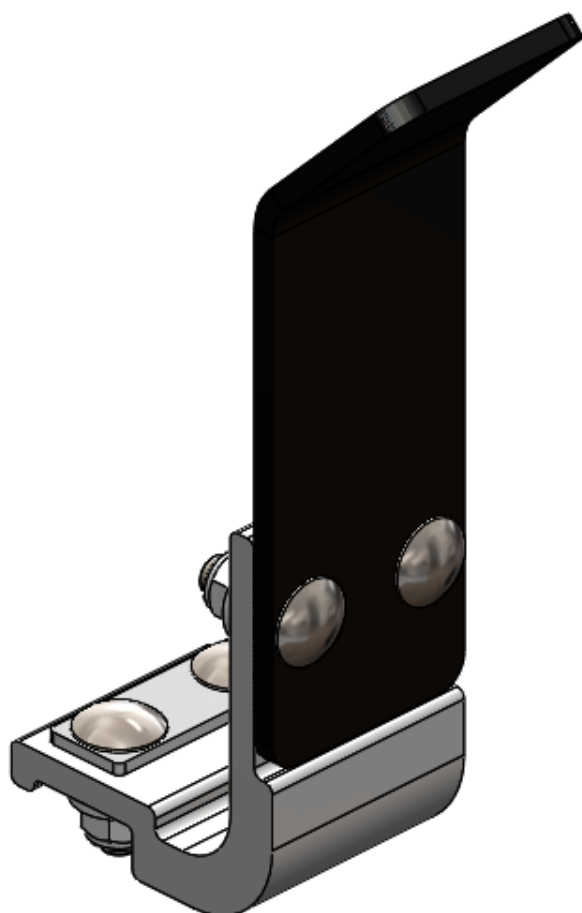


NOTE: DETAIL VIEW IS FROM BOTTOM OF RACK

NOTE FOR RRBSPRW - MERCEDES SPRINTER WITH OEM ROOF RAILS

WHEN INSTALLING RRBSPRW ON MERCEDES OEM ROOF RAILS, ENSURE REAR CROSSBOW IS POSITIONED ON THE RAILS SO THE RUBBER SUPPORT IS POSITIONED AS SHOWN

Single Ladder Stop Kit



PRODUCT WEIGHT
1.3 LBS

WIDTH x DEPTH x HEIGHT
2" x 1.8" x 6.3"

CAPACITY
N/A

COLOR
BLACK

CATALOG NUMBER
ULSKB

PRODUCT FEATURES

Aluminum ladder stop kit with plastisol coating for PROFILE™ HD Utility and combo ladder racks. Works on all vehicle platforms. Works with all upright kits, 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 ULSKB

PRODUCT APPLICATION

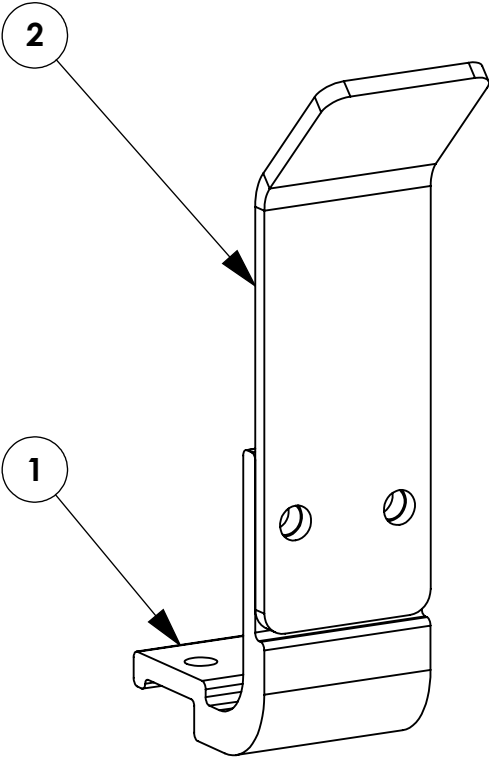
**This product is for PROFILE™ HD Utility and combo ladder racks.
Works on all vehicle platforms. Utility style ladder racks are not
recommended for medium or high roof vehicles!**

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

<i>INSTR. NUMBER</i> : 64337	<i>PG:</i> 1	<i>REV:</i> C	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	63854-W	UTILITY,CONNECTING BRKT,W	1
			2	63850-B	UTILITY, LADDER STOP, B	1
<i>PART NUMBER</i> : ULSKB						
<i>PART DESC.</i> : UTILITY, LADDER STOP KIT						

**NOTE: THIS INSTRUCTION
IS INTENDED TO BE USED
WITH THE #BARW OR
#BARCW UTILITY RACKS.**



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.

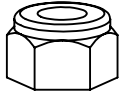
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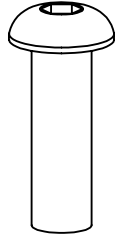
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

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

FASTENERS USED



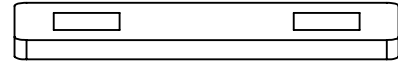
**FAS0248
5/16-18 SS
NLK HEX NUT
QTY: 4**



**FAS0813
5/16-18X1.0 SS
BHCS SCREW
QTY: 4**



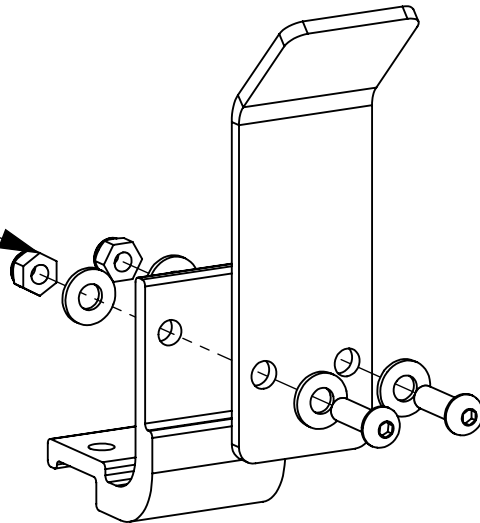
**FAS0552
5/16 SS
FLAT WASHER
QTY: 4**



**63934
UTILITY,
BOLT PLATE
QTY: 1**

BEGIN ASSEMBLY
STEP 1 - ASSEMBLE BRACKET

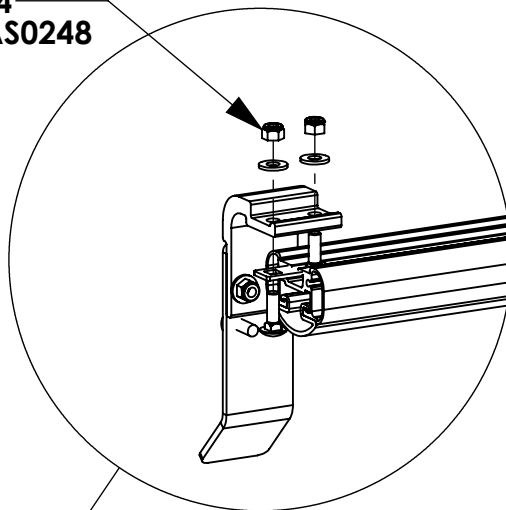
(2)FAS0813, (4)FAS0552,
(2)FAS0248
1/2 SOCKET
3/16 HEX DRIVE



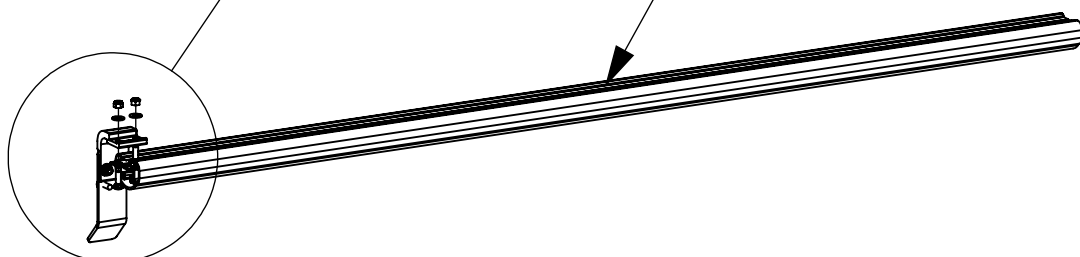
BEGIN INSTALLATION
STEP 2 - INSTALL BRACKET

(2)FAS0398, 63934
(2)FAS0552, (2)FAS0248
1/2 SOCKET

**MAKE SURE THE LADDER
STOP IS BETWEEN THE
CARRIAGE BOLT AND
PLATE ASSEMBLY FOR
EACH MOUNTING
BRACKET.**



**ADJUST LADDER STOP TO BE
IN THE CENTER OF CARGO**





Single Crossbar Kit, 68", White, Full Size Van



PRODUCT WEIGHT
9.6 LBS

CROSSBOW LENGTH X
HEIGHT

69" x 2"

CAPACITY

**REFER TO OEM'S
RECOMMENDED LOAD
RATING**

COLOR

WHITE

CATALOG NUMBER

1BARW

PRODUCT FEATURES

Aluminum base 1-crossbow kit for PROFILE™ HD Utility, grip lock, drop down, or combo ladder racks for 3+Bar racks. Works with all full size van platforms for each respective wheelbase and roof height combination. Works with and without OEM specific rail kit and generic mounting bracket kits.

Optional uprights, conduit kits, and rear rollers available.

Utility and grip lock ladder racks are not recommended for medium and high roof vehicles!

Please refer to OEM specific mounting kit or rail kit for additional information on compatible accessories.

INSTALLATION GUIDE FOR PROFILE™ SERIES LADDER RACKS

INSTRUCTION #:
68895

REV:
C



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

REFERENCE THIS INSTRUCTION THROUGHOUT THE ENTIRETY OF YOUR INSTALL TO PREVENT ACCESSORIES BEING INSTALLED INCORRECTLY/OUT OF SEQUENCE!

STEPS 2T - 8T ON PAGE 3 IS THE RECOMMENDED ASSEMBLY SEQUENCE FOR A FULL TABLE ASSEMBLY BEFORE INSTALLING ON THE ROOF OF THE VEHICLE.

STEPS 2R - 8R ON PAGE 4 IS AN ALTERNATE ASSEMBLY SEQUENCE TO INSTALL THE RACK ON THE VEHICLE ROOF AS IT IS BUILT.

PLEASE SELECT THE ASSEMBLY SEQUENCE THAT BEST WORKS FOR YOU!

ASSEMBLY STEPS:

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

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

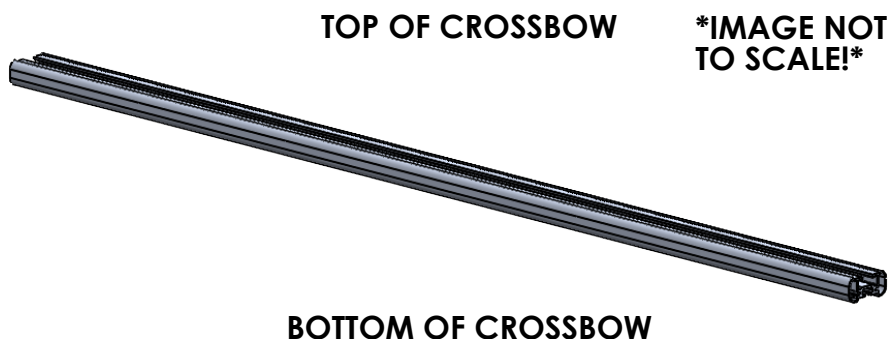


TABLE 1

TOP OF CROSSBOW

COMPONENTS TO INSTALL

A.1	HD UTILITY	- CONDUIT KIT OR BEACON
	Grip-Lock	- CONDUIT KIT OR BEACON
	ProLift	- CONDUIT KIT OR BEACON

BOTTOM OF CROSSBOW

COMPONENTS TO INSTALL

A.2	HD UTILITY	- LADDER STOP, STROBE BRACKET, AND/OR REAR ROLLER
	Grip-Lock	- Grip-Lock SUB-ASSEMBLY
	ProLift	- DAMPER BRACKET

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

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

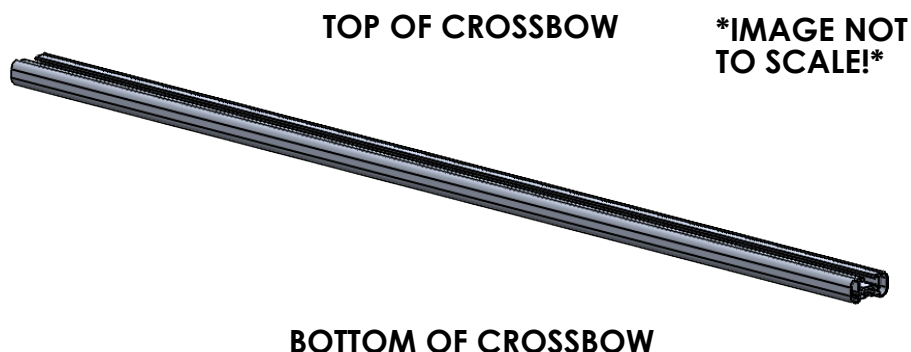


TABLE 2

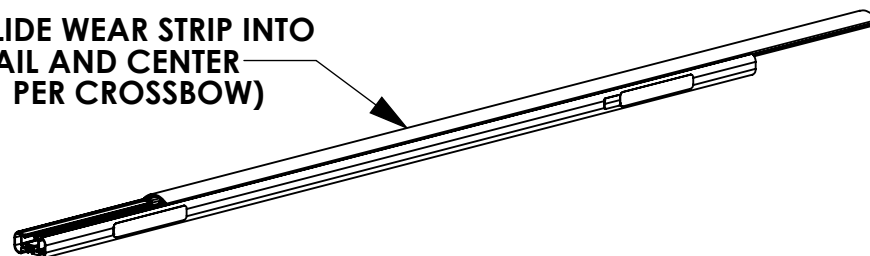
TOP OF CROSSBOW		
	COMPONENTS TO INSTALL	
B.1	<u>HD UTILITY</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	<u>Grip-Lock</u>	- WEAR STRIP (MODIFY IF NECESSARY, TABLE 3)
	<u>ProLift</u>	- INNER STOP POST
BOTTOM OF CROSSBOW		
	COMPONENTS TO INSTALL	
B.2	<u>HD UTILITY</u>	- MOUNTING BRACKETS
	<u>Grip-Lock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

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

TABLE 3

ADDED ACCESSORIES	ALTERATION FOR WEAR STRIP
4" UPRIGHT***	REMOVE 2" FROM END OF WEAR STRIP
4" PVC CONDUIT KIT	REMOVE 7.25" FROM CENTER OF WEAR STRIP
6" PVC CONDUIT KIT	REMOVE 9.50" FROM CENTER OF WEAR STRIP
ALUMINUM BOX CONDUIT KIT	REMOVE 13.25" FROM CENTER OF WEAR STRIP
BEACON	REMOVE 4" FROM CENTER OF WEAR STRIP
ProLift (SINGLE SIDE)	CUT WEAR STRIP IN HALF, DO NOT INSTALL ON ProLift SIDE
ProLift (DUAL SIDE)	DO NOT INSTALL WEAR STRIP

SLIDE WEAR STRIP INTO RAIL AND CENTER (1 PER CROSSBOW)



SLIDE ONE SIDE OF WEAR STRIP INTO CROSSBOW, THEN ROLL OTHER SIDE TO SNAP STRIP INTO PLACE



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



TABLE 4

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

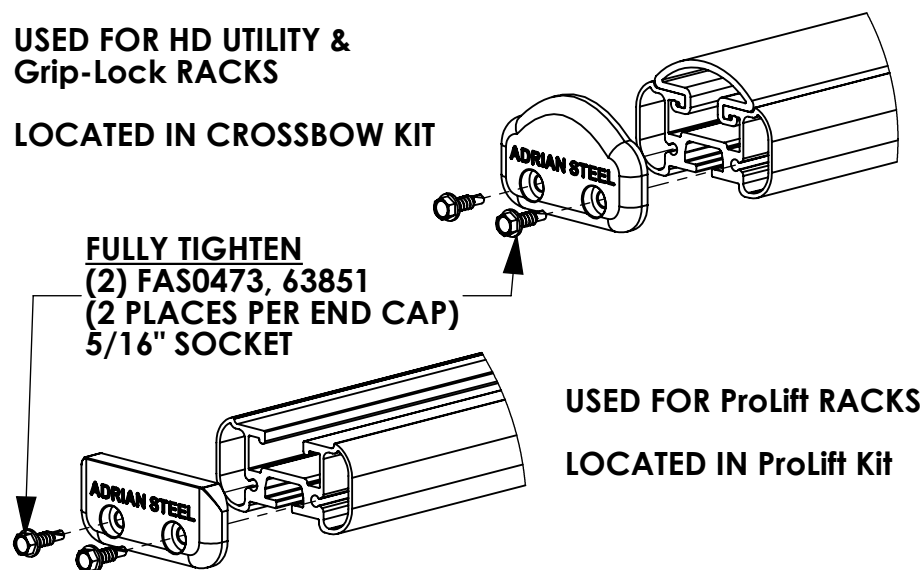
ASSEMBLY STEPS (FULL BENCH ASSEMBLY):

- 2T. ADD DRIVELINES (IF INSTALLING ProLift)
- 3T. ADD HANDLES (IF INSTALLING Grip-Lock OR ProLift) AND DAMPERS (IF INSTALLING ProLift)
- 4T. ADD OUTER SUPPORT BARS (IF INSTALLING Grip-Lock OR ProLift)
- 5T. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

6T. ASSEMBLE ENDS CAPS TO CROSSBOW

USED FOR HD UTILITY &
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT



7T. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS

(ROOF RAIL KIT REQUIRED FOR Grip-Lock & ProLift
OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER
RACKS)

**8T. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO
VEHICLE/MOUNTING BRACKET, OR ROOF RAIL
(LOOSE INSTALL)**

ALTERNATE ASSEMBLY METHOD!
(ASSEMBLE ON VEHICLE ROOF):

2R. INSTALL ROOF RAIL KIT ON VEHICLE ROOF OR BOTTOM MOUNTING BRACKETS

(ROOF RAIL KIT REQUIRED FOR Grip-Lock & ProLift, OPTIONAL FOR HD UTILITY, NOT NEEDED FOR GM LADDER RACKS)

3R. MOUNT CROSSBOW SUB-ASSEMBLIES FROM STEP 1 TO VEHICLE/MOUNTING BRACKET, OR ROOF RAIL (LOOSE INSTALL)

4R. ADD DRIVELINES (IF INSTALLING ProLift)

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

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

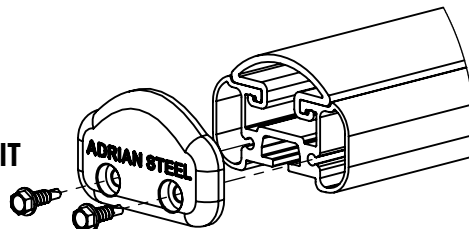
7R. ADD STEP LADDER KIT (Grip-Lock OR ProLift ONLY!)

8R. ASSEMBLE END CAPS TO CROSSBOW

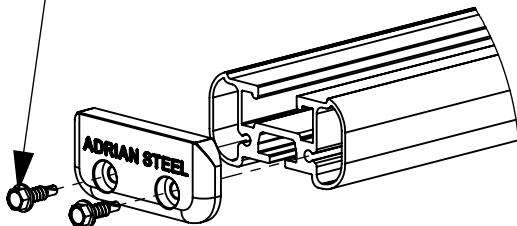
USED FOR HD UTILITY &
Grip-Lock RACKS

LOCATED IN CROSSBOW KIT

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



USED FOR ProLift RACKS
LOCATED IN ProLift Kit





2-Crossbar Kit, 68", White, Full Size Van



PRODUCT WEIGHT
19 LBS

CROSSBOW LENGTH X
HEIGHT

69" x 2"

CAPACITY

**REFER TO OEM'S
RECOMMENDED LOAD
RATING**

COLOR

WHITE

CATALOG NUMBER

2BARW

PRODUCT FEATURES

Aluminum base 2-crossbow kit for PROFILE™ HD Utility, grip lock, drop down, or combo ladder racks. Works with all full size van platforms for each respective wheelbase and roof height combination. Works with and without OEM specific rail kit and generic mounting bracket kits.

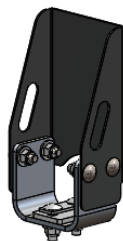
Additional crossbows and optional uprights, conduit kits, and rear rollers available.

Utility and grip lock ladder racks are not recommended for medium and high roof vehicles!

Please refer to OEM specific mounting kit or rail kit for additional information on compatible accessories.



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
			PART • UTILITY,6" UPRIGHT KIT,2B DESC. • UTILITY,9" UPRIGHT KIT,2B			3*
			4*	64060-B	UTILITY, UPRIGHT, 9", B	2

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

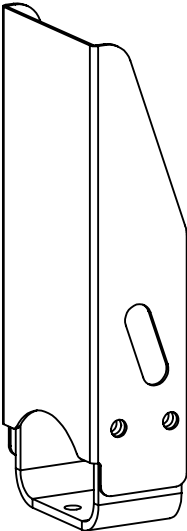
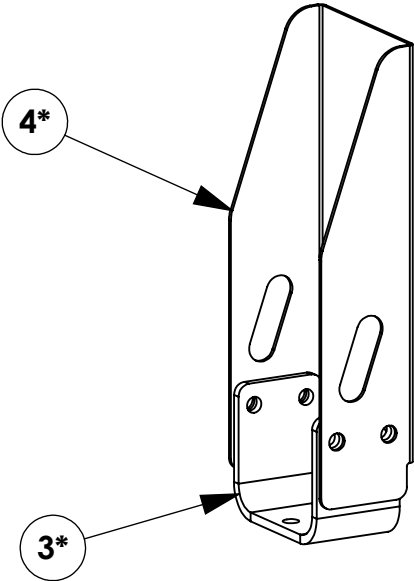
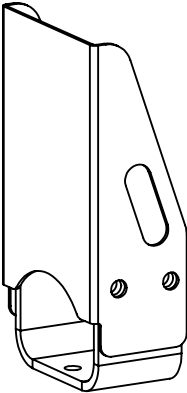
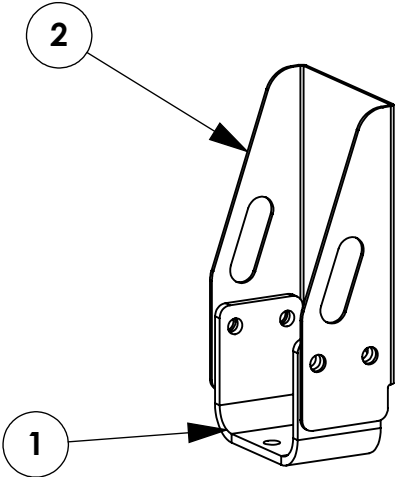
6UPK2B (SHOWN)

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.

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.

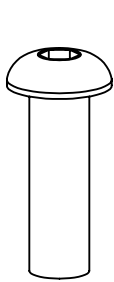
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

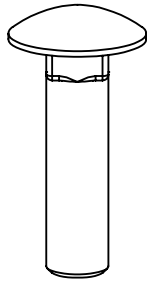
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

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



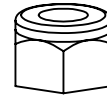
FAS0813
5/16-18x1.0 SS
BHCS SCREW
QTY: 8



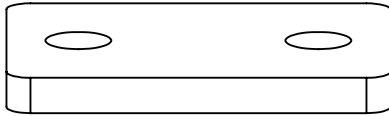
FAS0812
5/16-18x1.25 SS
CRG BOLT
QTY: 4



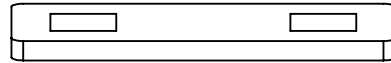
FAS0552
5/16 SS
FLAT WASHER
QTY: 12



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



63933
UTILITY,
SPACER
QTY: 2



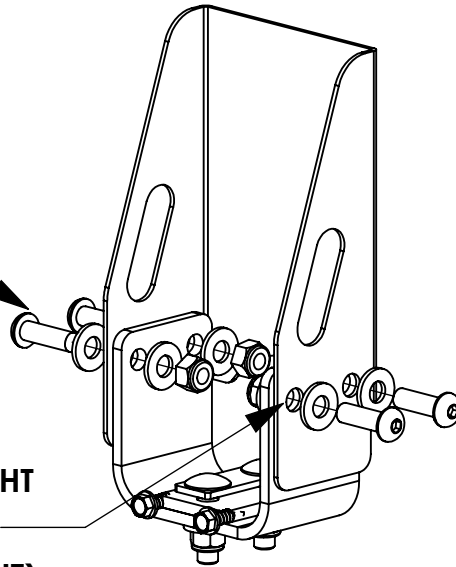
63934
UTILITY,
BOLT PLATE
QTY: 2

BEGIN ASSEMBLY

STEP 1 - ASSEMBLE UPRIGHTS

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

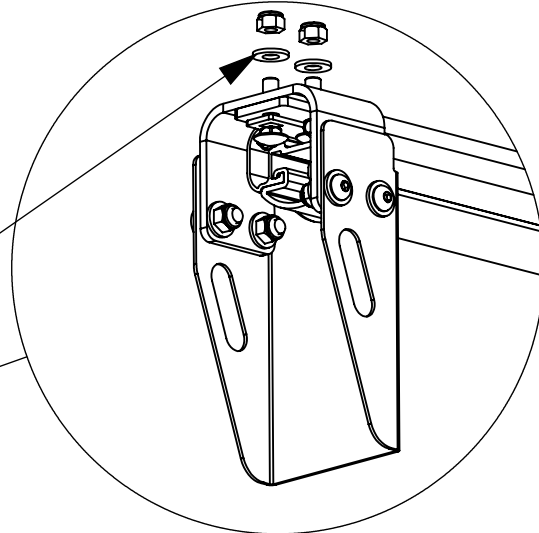
DRILL HOLES IN UPRIGHT
WITH 11/32" DRILL BIT
BEFORE ASSEMBLING!
(4 PLACES PER UPRIGHT)



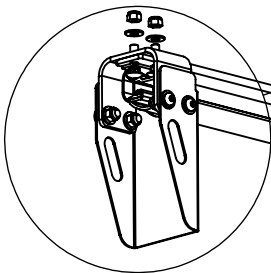
BEGIN INSTALLATION

STEP 2 - INSTALL UPRIGHTS

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



ALIGN UPRIGHT WITH
EDGE OF CROSSBOW

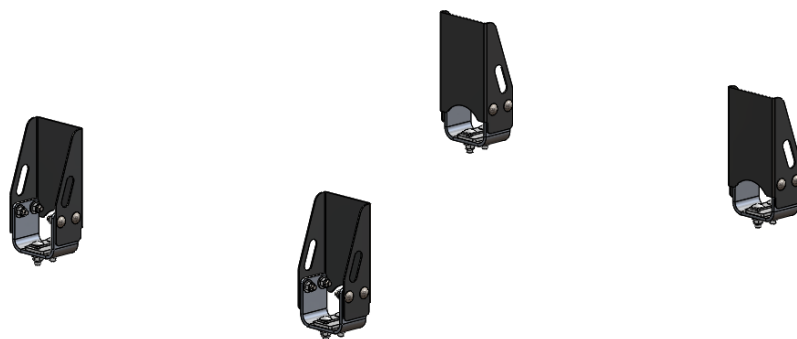


NOTE: CROSSBOW AND RATCHET UPRIGHT ASSEMBLY
ARE SHOWN INVERTED FOR VISUAL PURPOSES

CONTINUE WITH INSTALLATION WITH THE MOUNTING KIT INSTRUCTIONS



6" Upright Kit, 4-Pack, Black



PRODUCT WEIGHT
9.3 LBS

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

CAPACITY
N/A

COLOR
BLACK

CATALOG NUMBER
6UPK4B

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 6UPK4B

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