

# PRINSU ROOF RACK INSTALLATION GUIDE

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## 13TH GEN FORD F-150 SUPER CREW

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## CROSSBAR HARDWARE DIAGRAM

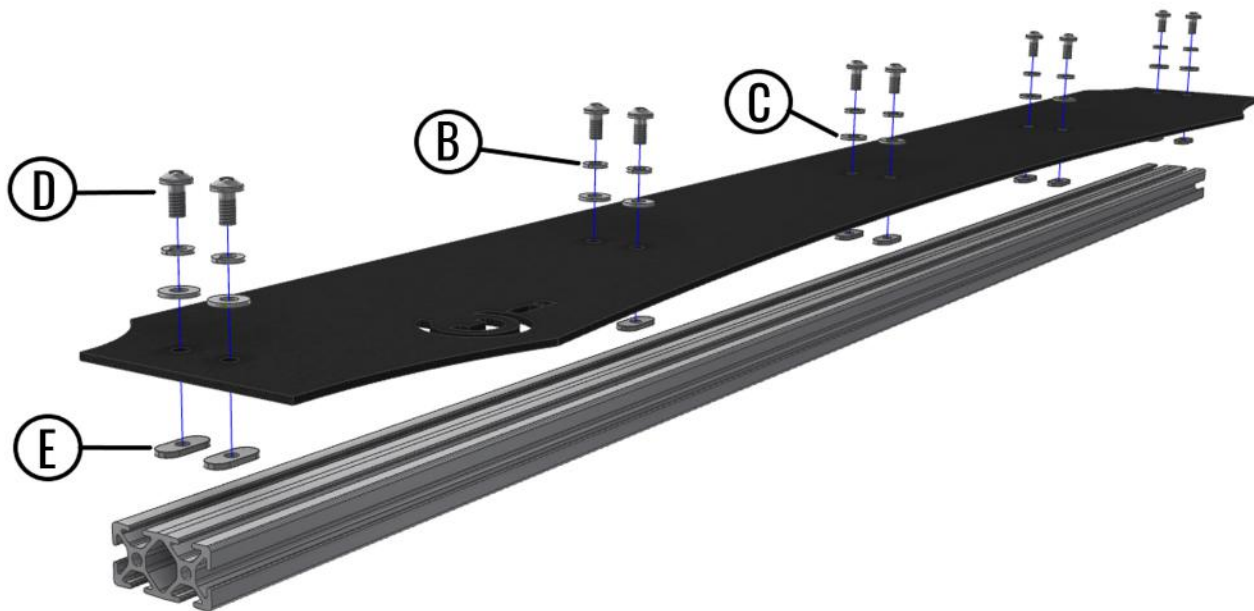


PART #	PART	QUANTITY
A	1/4"-20 X 1" TORX SCREW	32
B	1/4" SPLIT LOCK WASHER	32
C	1/4" FLAT WASHER	32
	54" CROSS BAR - BLACK 1 X 2	7
	54" CROSS BAR - CLEAR 1 X 2	1

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## WIND DEFLECTOR HARDWARE DIAGRAM

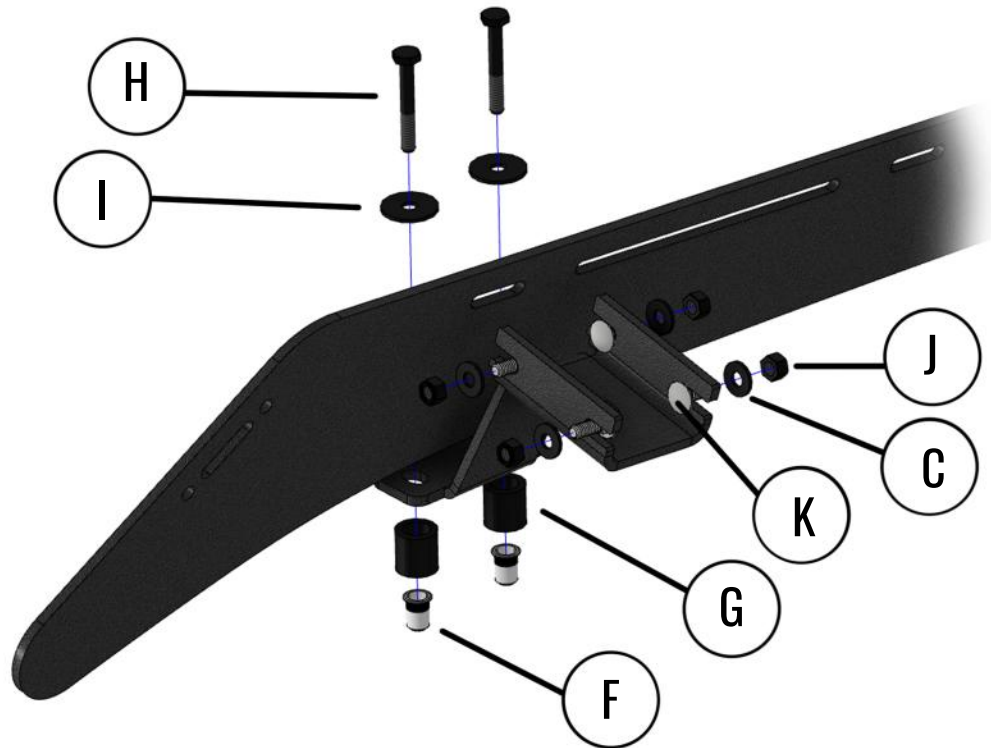


PART	DESCRIPTION	QUANTITY
B	1/4" LOCK WASHER	10
C	1/4" FLAT WASHER	10
D	1/4" - 20 x 1/2" PAN HEAD SCREW	10
E	1/4" - 20, 10 SERIES T-NUT	10

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## MOUNTING HARDWARE DIAGRAM



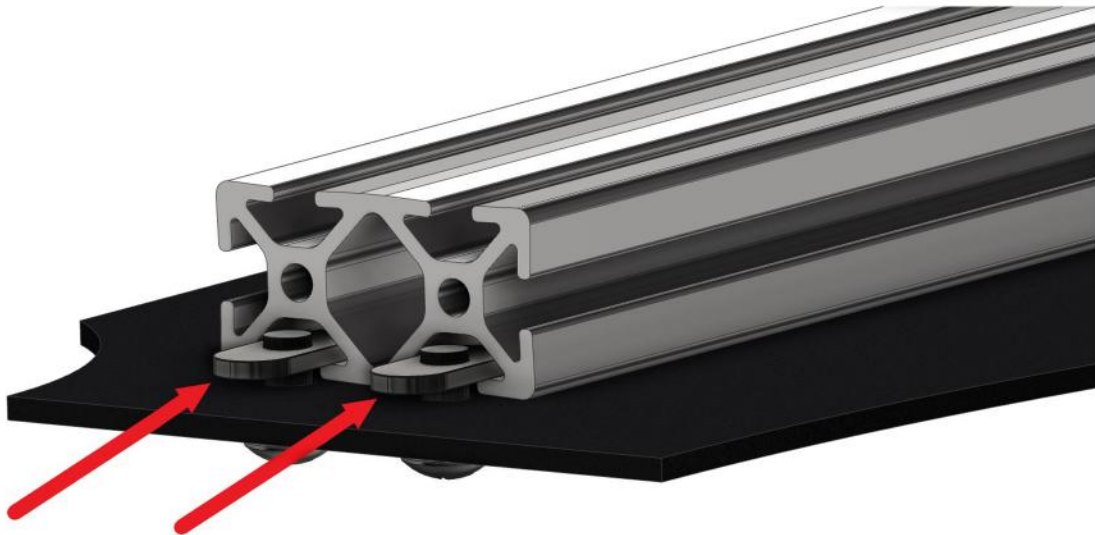
PART	DESCRIPTION	QUANTITY
F	1/4"-20, .027-.165 Grip Aluminum Ribbed Rivet Nuts	16
G	3/4" x .509" x 3/4" LONG SPACER	16
H	STEEL HEX CAP SCREW GR5 1/4" -20 X 1-3/4"	16
I	STEEL FENDER WASHER .1/4" x 1" O.D.	16
J	1/4" NYLON LOCK NUT	32
C	1/4" FLAT WASHER	32
K	1/4" X 3/4" CARRIAGE BOLT	32

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## WIND DEFLECTOR ATTACHMENT



### STEPS

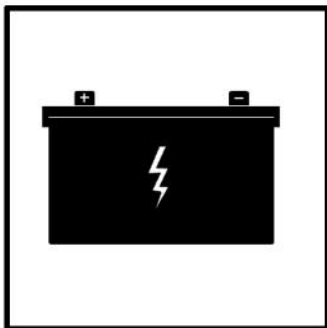
1. INSTALL THE WIND DEFLECTOR HARDWARE AS SHOWN IN THE DIAGRAM ON PAGE 3. THREAD THE SCREWS JUST BARELY INTO THE T-NUTS TO BEGIN WITH.
2. LAY THE WIND DEFLECTOR ON A FLAT SURFACE IN THE ORIENTATION SHOWN ABOVE.
3. FROM ONE END START SLIDING THE EXTRUSION BAR SO THAT THE T-NUTS FEED INTO THE CHANNEL.
4. ONCE EVERYTHING IS LINED UP PROPERLY THEY WILL SLIDE RIGHT TOGETHER.
5. NOW WITH ALL THE T-NUTS FED INTO THE CHANNEL AND THE EXTRUSION BAR AND WIND DEFLECTOR LINED UP FLUSH AT BOTH ENDS, TURN THE ASSEMBLY OVER AND TIGHTEN THE SCREWS UNTIL THE LOCK WASHERS ARE FULLY COMPRESSED.
- 6 . THE WIND DEFLECTOR ASSEMBLY CAN NOW BE BOLTED TO THE ROOF RACK.

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**\*If you do not feel comfortable with the process outlined in this manual please seek professional installation assistance**

**\*Please read all instruction prior to beginning installation. Various steps may relate directly to previous or future parts of the installation process. Prinsu Design Studio is not liable for damages caused to your vehicle during the installation process**



Before beginning any work on the vehicle it is advised to disconnect the battery



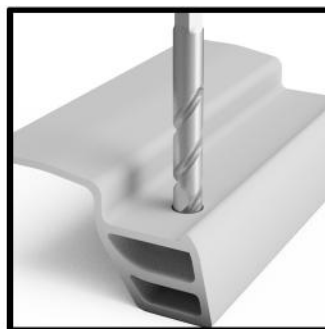
Measure back 6-1/2" from the top corner of the windshield and mark with a punch



Repeat on the otherside, these will be the locations of the first mounting holes



Remove the factory channel sealant and drill pilot holes



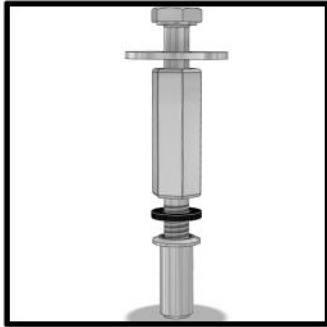
For the two mounting holes on both side closest to the windshield drill only through the first extrusion channel



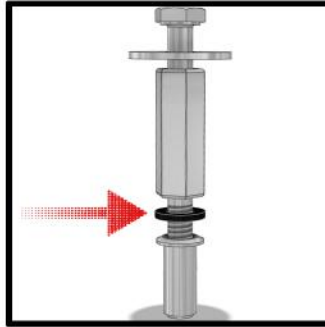
The rest of the mounting holes will require drilling thru both channel layers as shown above to a diameter of 25/64"

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Compress the rivnuts using the setup shown above. Place a fenderwasher under the 2" bolt in your hardware kit ...



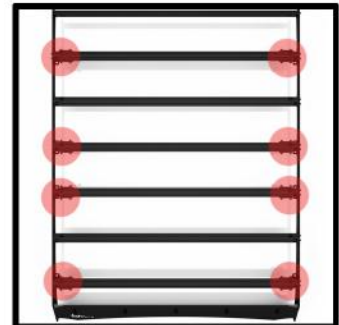
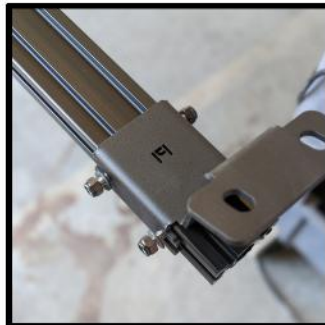
... followed by the hex coupler and a ***1/4" washer between the hex coupler and rivnut***



Use a 1/2" wrench around the hex coupler and a 7/16" wrench around the bolt & tighten to compress the rivnuts



Next begin placing the mounting feet on the crossbars



Then pre assemble the roof rack, the mounting feet go in the highlighted areas



The mounting feet labeled 1 go closest to the windshield then the order goes back



Now place the assembled rack on the roof over your already drilled holes in the front & mark the locations for the rest



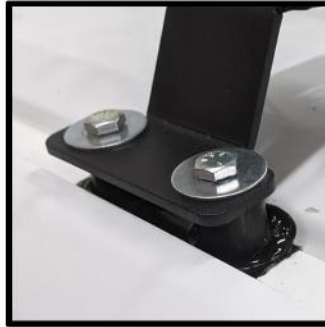
Drill & insert the rest of the rivnuts then place silicon over top

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Next place the spacers down



Then place the mounting feet down and bolt them to the roof



Attach the crossbars to the mounting feet



Next attach the side rails and the rest of the crossbars



Lastly attach the wind deflector



Before your first drive double check all fasteners for tightness ...



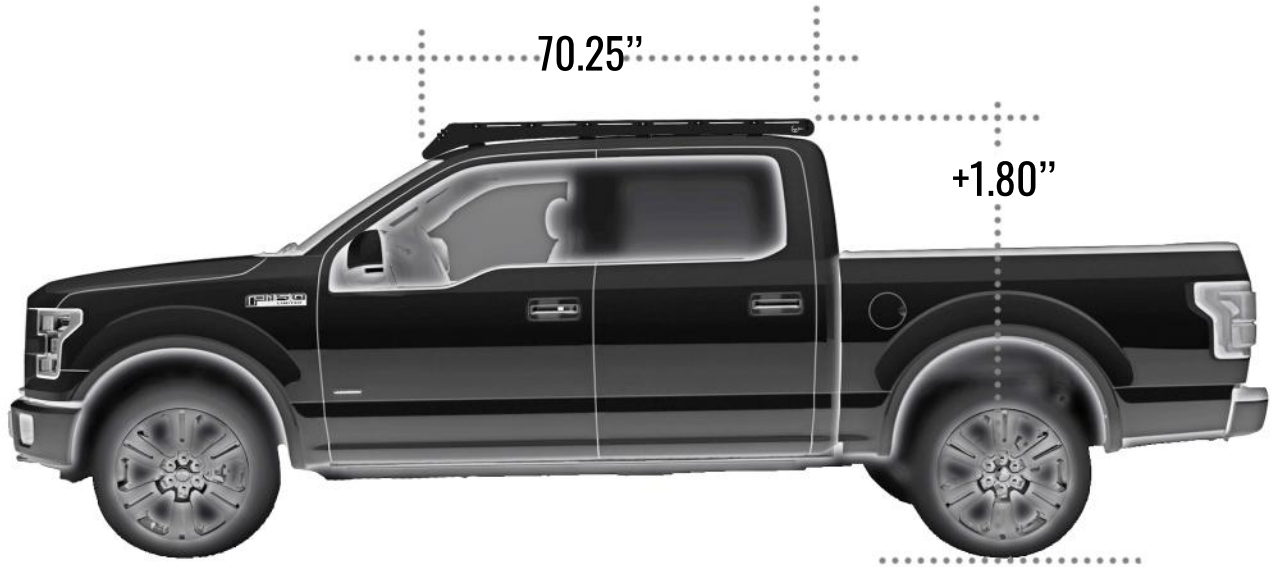
... then periodically there after to ensure the full functionality of your roof rack



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FEATURE	MEASUREMENT/QUANTITY
OVERALL LENGTH	70.25"
SIDE RAIL HEIGHT*	2.70"
HEIGHT ADDED **	1.8125"
CLEARANCE BETWEEN ROOF AND RACK	.6875"
WEIGHT	~49 LBS
54" CROSS BARS - BLACK - (1X2)	7
54" CROSS BAR - CLEAR - (1X2)	1

\*AS MEASURED AT THE CENTER OF THE SIDE RAIL

\*\*AS MEASURE FROM THE CENTER POINT OF THE ROOF

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## WARRANTY

PRINSU DESIGN STUDIO will warranty all PRINSU DESIGN STUDIO manufactured parts for a LIFETIME of use. This limited Lifetime Warranty is effective for as long as the original retail purchaser owns the product. This warranty terminates when the original retail purchaser sells or otherwise transfers the product to any other person. Each manufactured product must be installed following PRINSU DESIGN STUDIO'S recommended fitment and installation procedures. Any customization or modification to the original product design, functionality, or use, either by said customer or by PRINSU DESIGN STUDIO voids all warranty eligibility. It is the sole discretion of CBI Offroad to determine warranty eligibility. Subject to the limitations and exclusions described in this warranty, PRINSU DESIGN STUDIO will remedy defects in materials or workmanship by repairing or replacing, at its option, a defective product without charge for parts. In addition, PRINSU DESIGN STUDIO may elect, at its option, not to repair or replace a defective product but rather issue to a purchaser a refund equal to the purchase price paid for the product or a credit to be used toward the purchase of a new PRINSU DESIGN STUDIO product. No warranty is given for defects caused by normal wear and tear, cosmetic rust scratches, accidents, unlawful vehicle operation, products used for racing or competition, or modification of, or any types of repair of, a PRINSU DESIGN STUDIO manufactured product. The PRINSU DESIGN STUDIO Warranty does not include the powder coated finish. No warranty is given for defects resulting from conditions beyond PRINSU DESIGN STUDIO'S control including, but not limited to, misuse, neglect, overloading, improperly maintained or failure to assemble, mount or use the product in accordance with PRINSU DESIGN STUDIO'S written instructions or guidelines included with the product or implied use made available to the purchaser.

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