

PRINSU ROOF RACK INSTALLATION GUIDE

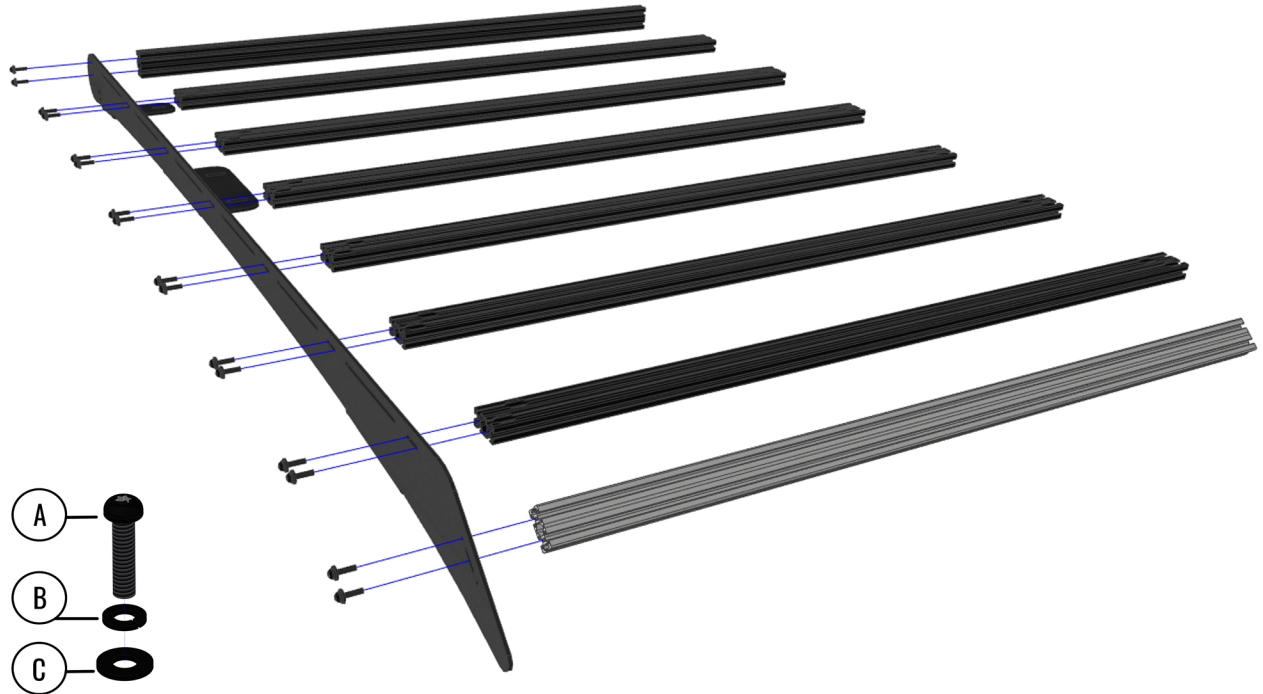


5TH GEN RAV4

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CROSSBAR HARDWARE DIAGRAM

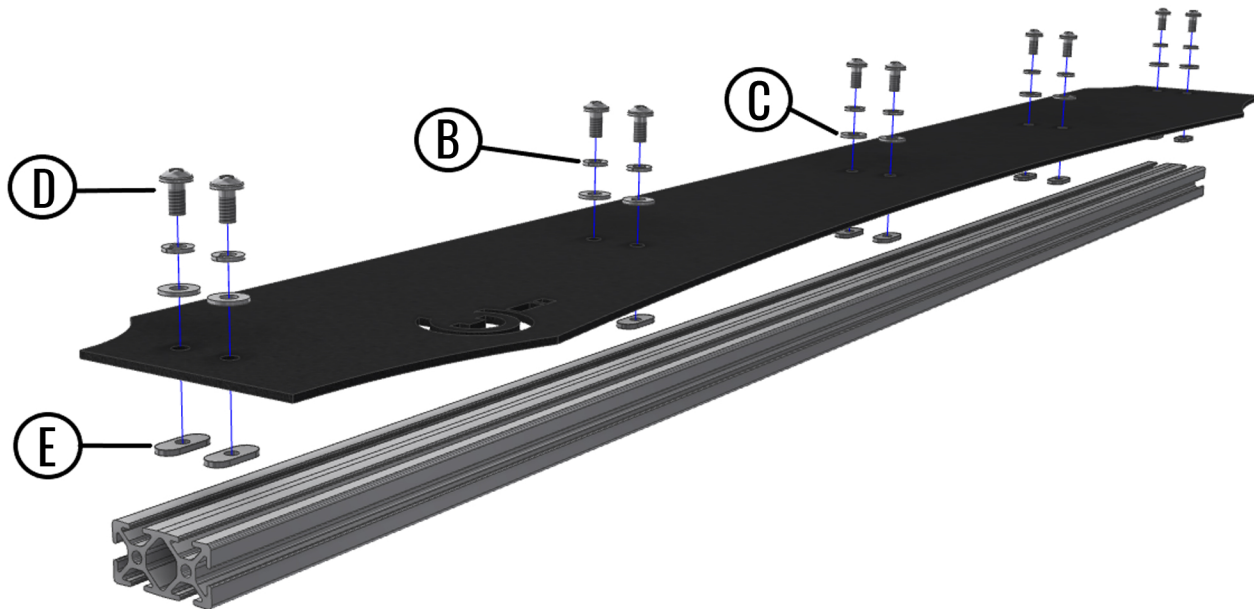


PART	DESCRIPTION	QUANTITY
A	1/4"-20 X 1" TORX SCREW	32
B	1/4" SPLIT LOCK WASHER	32
C	1/4" FLAT WASHER	32
	47" CROSS BAR - BLACK 1 X 2	7
	47" CROSS BAR - CLEAR 1 X 2	1

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WIND DEFLECTOR HARDWARE DIAGRAM

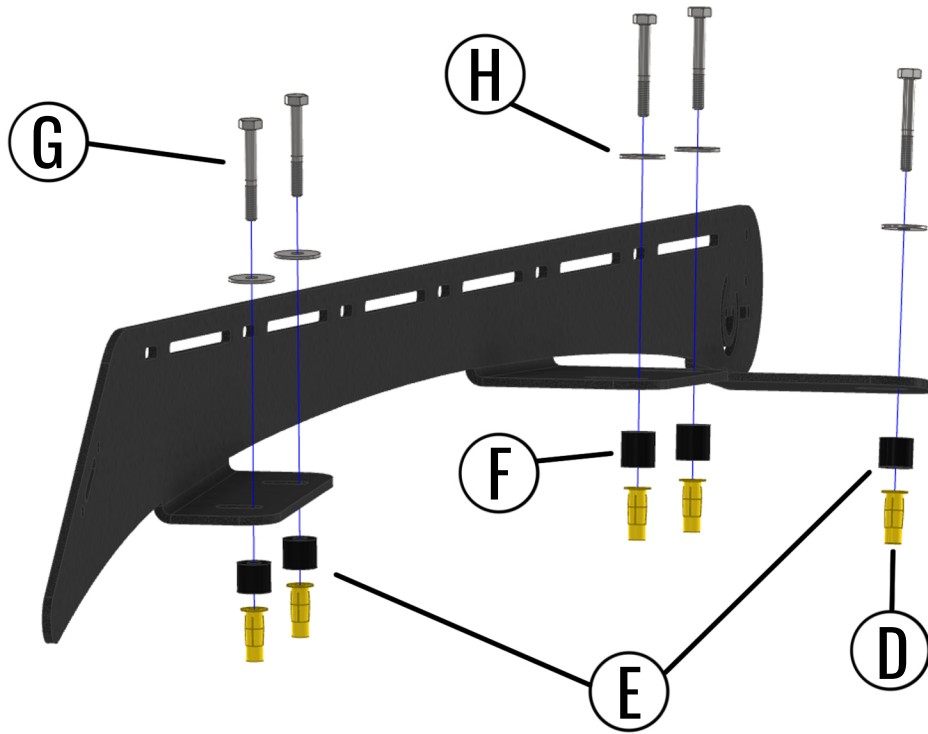


PART	DESCRIPTION	QUANTITY
B	1/4" LOCK WASHER	10
C	1/4" FLAT WASHER	10
D	1/4" - 20 x 1/2" PAN HEAD SCREW	10
E	1/4" - 20, 10 SERIES T-NUT	10

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MOUNTING HARDWARE DIAGRAM

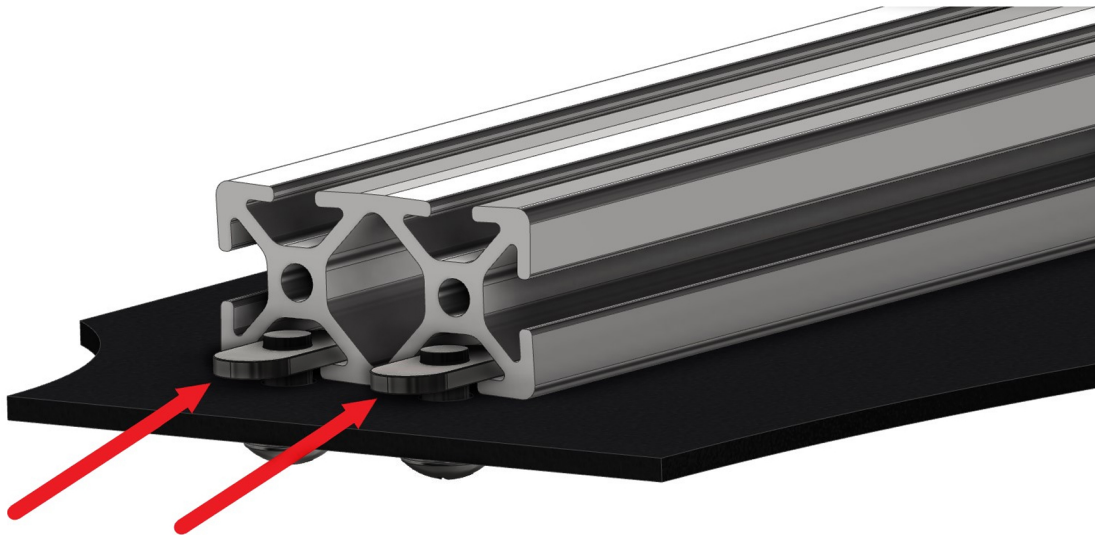


PART	DESCRIPTION	QUANTITY
D	PLUSNUTS	10
E	5/8" TALL SPACER	6
F	3/4" TALL SPACER	4
G	STEEL HEX CAP SCREW 1/4" -20 X 2"	10
H	STEEL FENDER WASHER 1/4" x 1" O.D.	10

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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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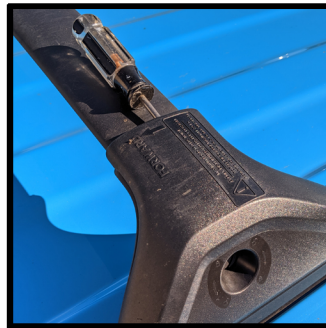
STOCK ROOF RAIL REMOVAL INSTRUCTIONS

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

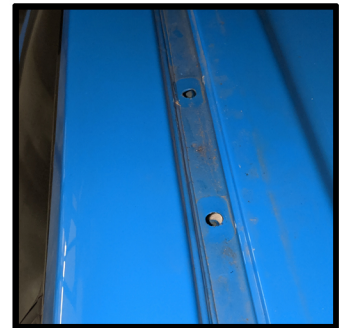
***Please read all instruction prior to beginning installation. Various steps may relate directly to previous or future parts of the installation process. Prinsu Design Studio is not liable for damages caused to your vehicle during the installation process**



Remove the stock cross bars using the supplied factory tool set



Once in the unlocked position pop off the covers to expose the mounting bolts and remove



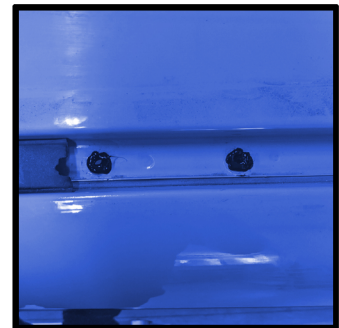
With the mounting bolts removed the plastic trim remaining is held in by plastic push tabs that simply pop out



The furthest rear hole on each side will have to be drilled out to 3/8" to accept the plusnut



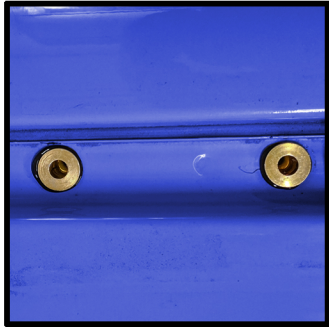
Be careful not to drill too deep, use a step bit or drill stop. A magnet can be used to clean up any excess shavings



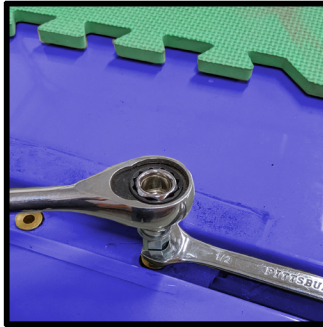
Before installing the plusnuts apply a small amount of silicon around the holes

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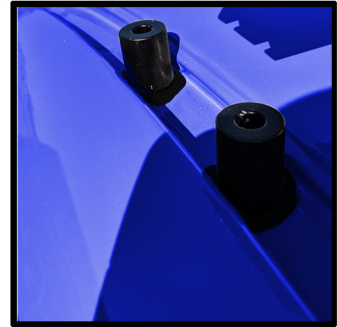
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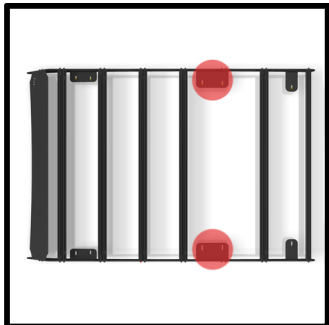
Place plusnuts in roof



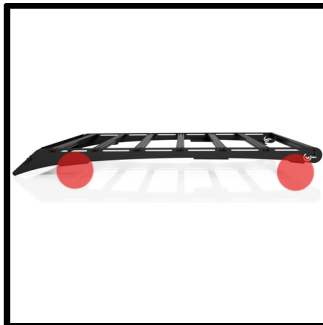
Compress the plusnut by using a 1/2" wrench to hold the coupler and tighten with a 7/16" wrench



Apply more silicone over the plusnuts before placing the spacers down to ensure a water tight seal



The taller 3/4" spacers correspond with the two middle mounting points on each side of the vehicle



Place the 5/8" spacers under the front and the back mounting feet



Once all the spacers are down and the roof rack is in place tighten the mounting bolts



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



... and periodically check thereafter to ensure the full functionality of your rack



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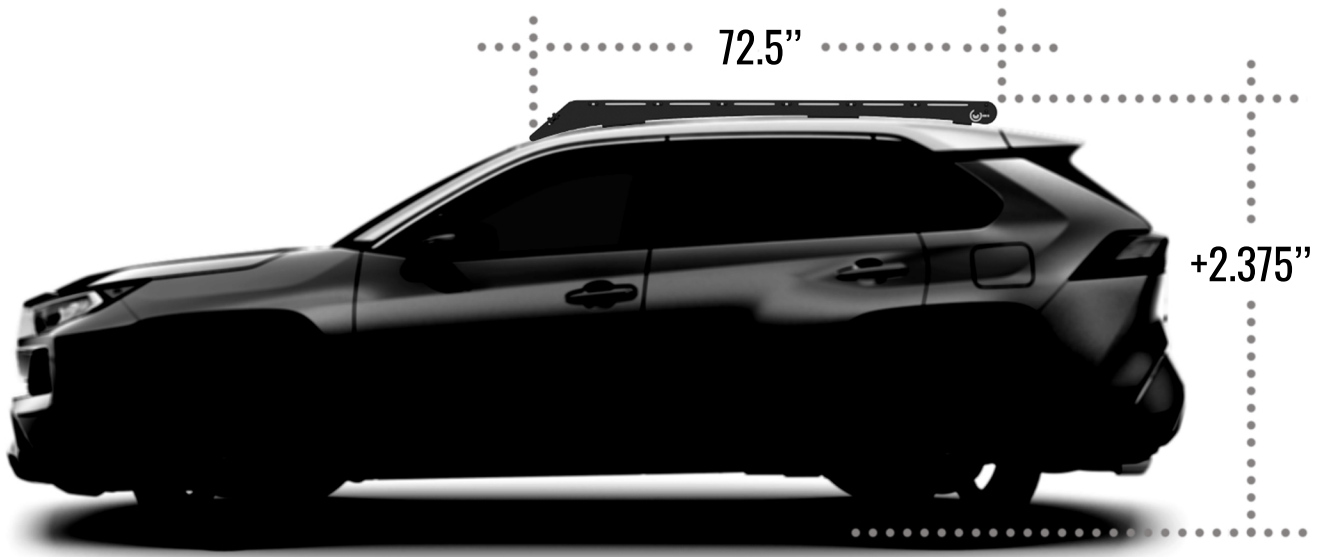
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WARRANTY

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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FEATURE	MEASUREMENT/QUANTITY
OVERALL LENGTH	72.50"
SIDE RAIL HEIGHT*	2.4125"
HEIGHT ADDED **	2.375"
CLEARANCE BETWEEN ROOF AND RACK	1.375"
WEIGHT	~45.75 LBS
47" CROSS BARS - BLACK - (1X2)	7
47" 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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