

PRINSU ROOF RACK INSTALLATION GUIDE

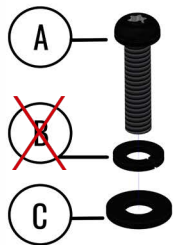
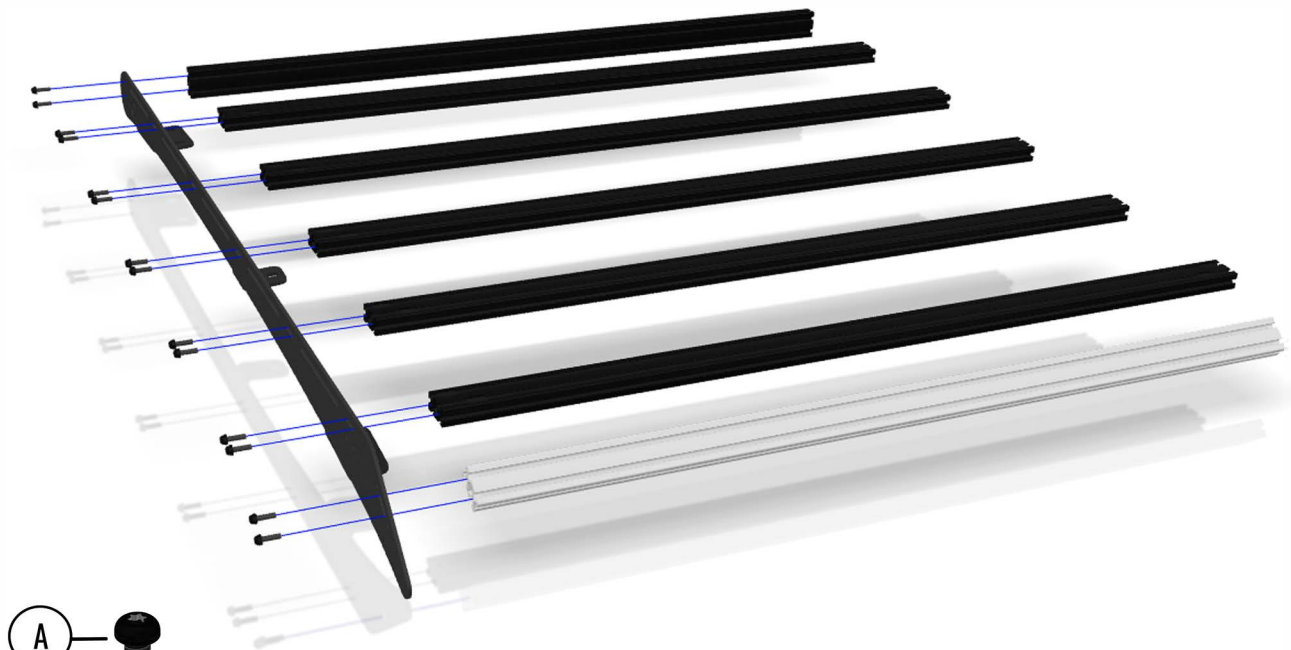


FORD RANGER SUPERCREW

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CROSSBAR HARDWARE DIAGRAM



***NOTE:** The appropriate torque for a 1/4 - 20 grade two bolt is between 37 - 43 in-lbs. Which is approximately 3 ft- lbs. The heads will shear off between 15-20 ft-lbs. **A** Use caution when using power tools.

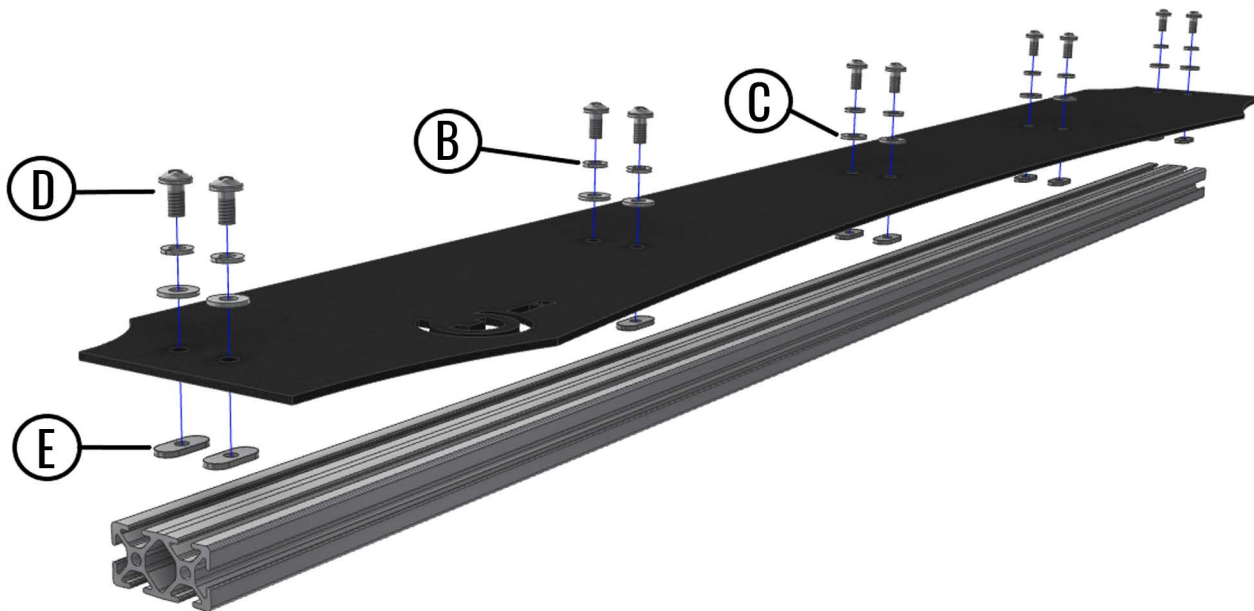
***NOTE:** The 1/4 Lock washers are no longer included with the hardware. Use the provided tube of thread lock instead. **B**

PART	DESCRIPTION	QUANTITY
A	1/4"-20 X 1" TORX SCREW	28
B	1/4" SPLIT LOCK WASHER	28
C	1/4" FLAT WASHER	28

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WIND DEFLECTOR HARDWARE DIAGRAM

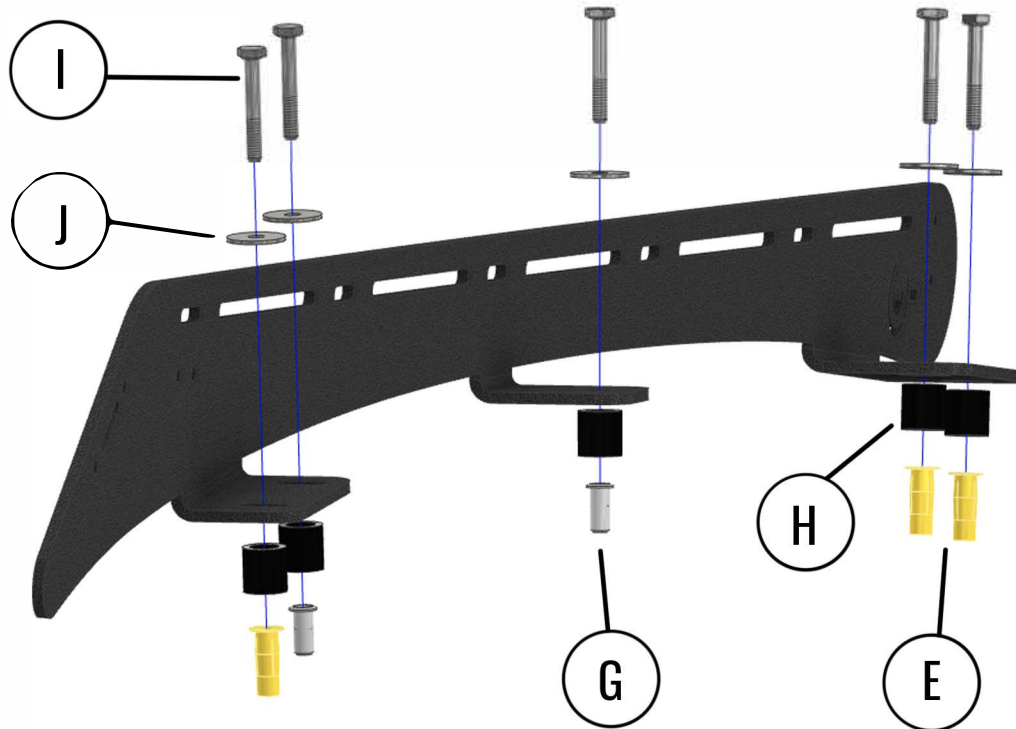


PART	DESCRIPTION	QUANTITY
B	1/4" LOCK WASHER	10
C	1/4" FLAT WASHER	10
D	1/4" - 20 x 1/2" PAN HEAD SCREW	10
E	1/4" - 20, 10 SERIES T-NUT	10

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MOUNTING HARDWARE DIAGRAM

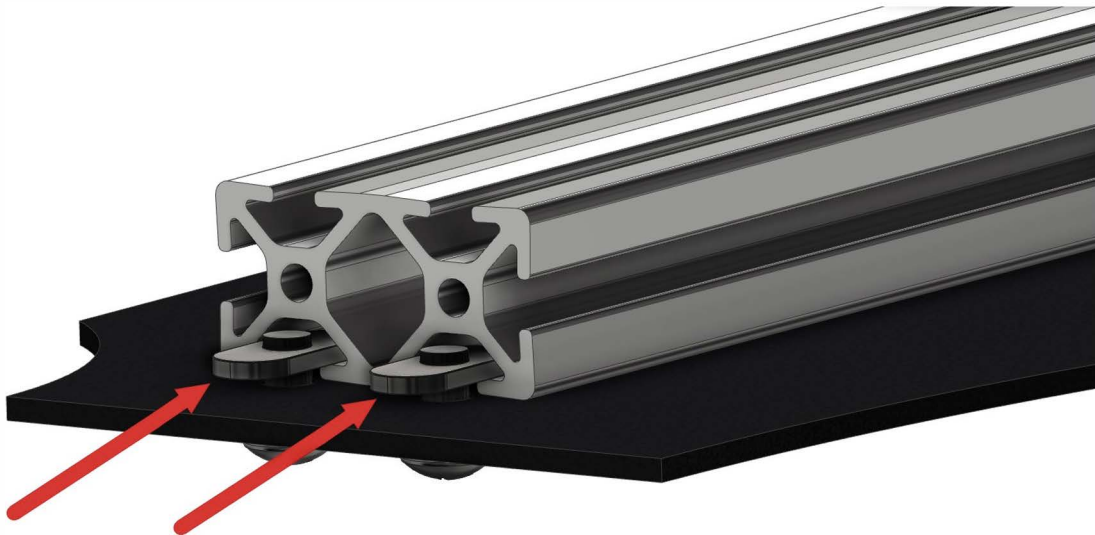


PART	DESCRIPTION	QUANTITY
F	PLUSNUTS (BRONZE)	6
G	RIVET NUT (SILVER)	4
H	3/4" x .509" x 3/4" LONG SPACER	10
I	HEX CAP SCREW 1/4" -20 X 1-3/4" ZINC	10
J	FENDER WASHER 1/4" x 1" O.D. ZINC	10

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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.

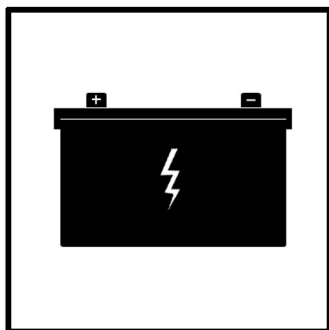
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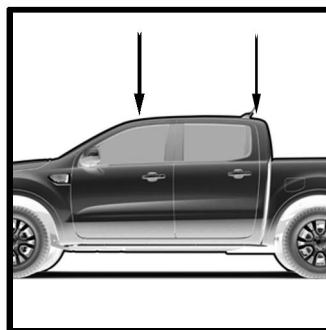
STOCK ROOF RAIL REMOVAL INSTRUCTIONS

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

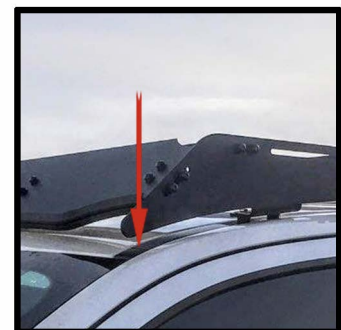
***Please read all instruction prior to beginning installation. Various steps may relate directly to previous or future parts of the installation process. Prinsu Design Studio is not liable for damages caused to your vehicle during the installation process**



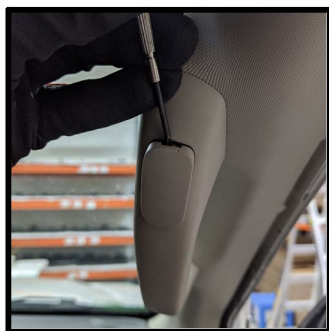
Disconnect the battery before beginning the removal of the stock roof rails



The headline will need to be partially dropped to access one nut in the front & rear to remove the stock roof trim



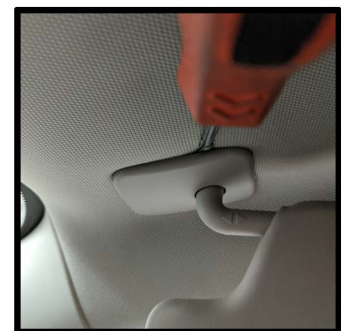
The front portion of the trim can be cut and put back into place in front of the roof racks front mounting feet



Begin by removing the front assist handles



Next remove the sunvisor hangers ...



... and the the sun visors themselves

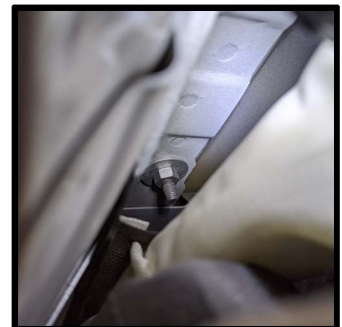
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Pull away the rubber weather stripping around the door then pull back the A pillar trim

This will provide access to the bottom side of the channel trim bolt to remove the nut



Moving to the C pillar remove the seat belt

Then pull back the C pillar trim

This will provide access to the bottom side of the channel trim bolt to remove the nut



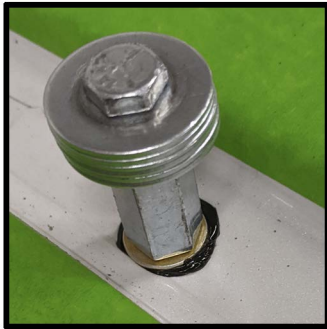
In the locations where the rear channel trim bolts were expand the holes to 3/8"

Do not expand the holes in the front closest to the windshield

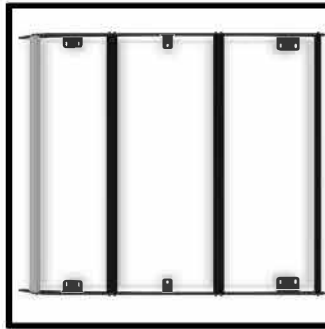
Place a thin bead of silicone around the plusnut then insert it into the roof

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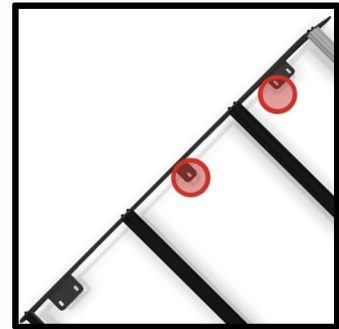
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Use a 1/2" wrench around the hex coupler and a 7/16" wrench around the bolt & tighten to compress the plusnut



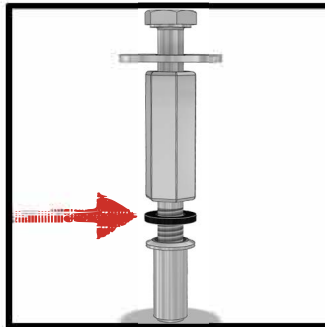
Next partially assemble the rack and lightly bolt it to the already installed plusnuts to mark the rest of the mounting locations



Take special note of the highlighted slots on each side ...



... In these locations use the silver rivnuts



Compress them in the same way as the plusnuts but be sure to place a 1/4" washer under the hex coupler



Next place a liberal amount of silicon down then put the spacer on top



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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