

PRINSU ROOF RACK INSTALLATION GUIDE

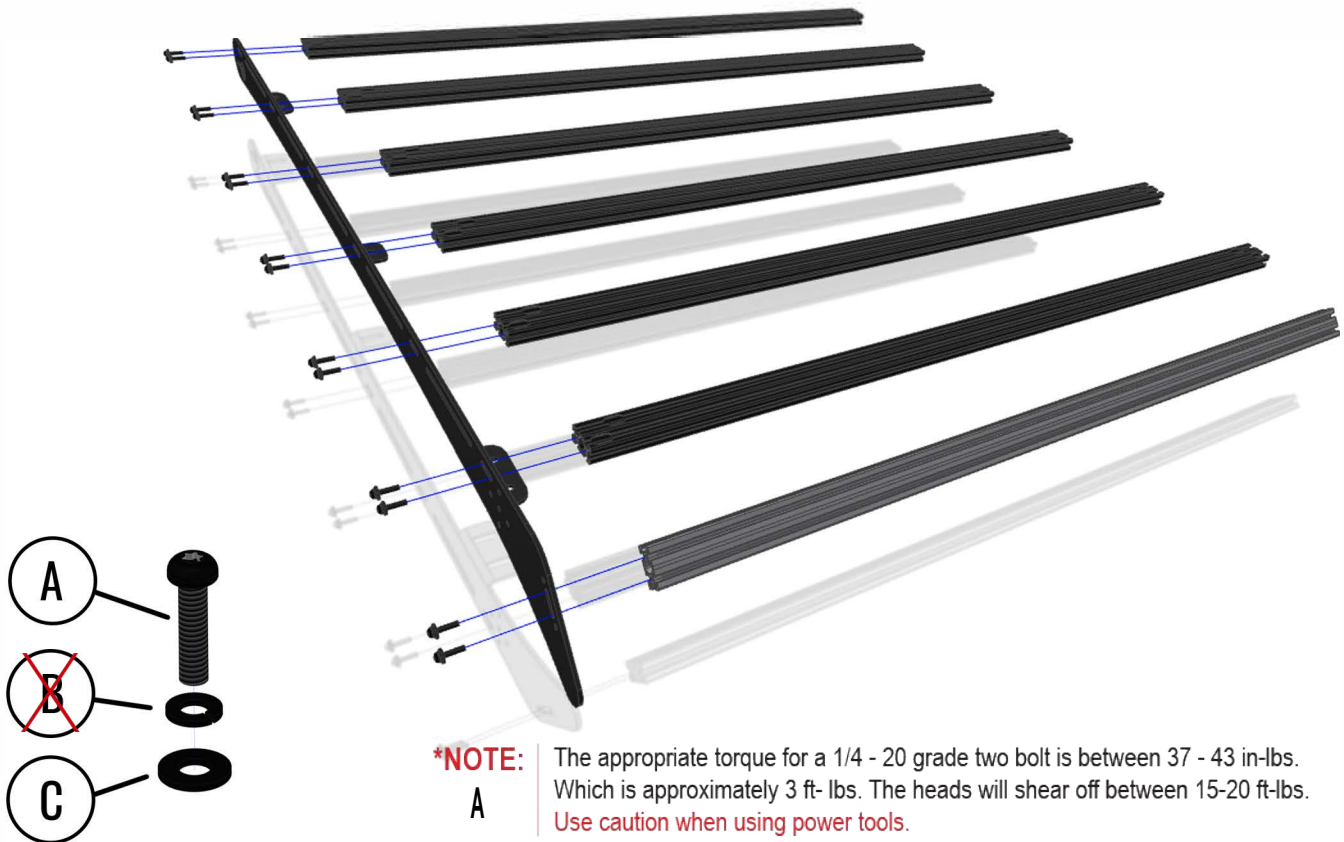


DODGE RAM 2500 CREW CAB

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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. **Use caution when using power tools.**

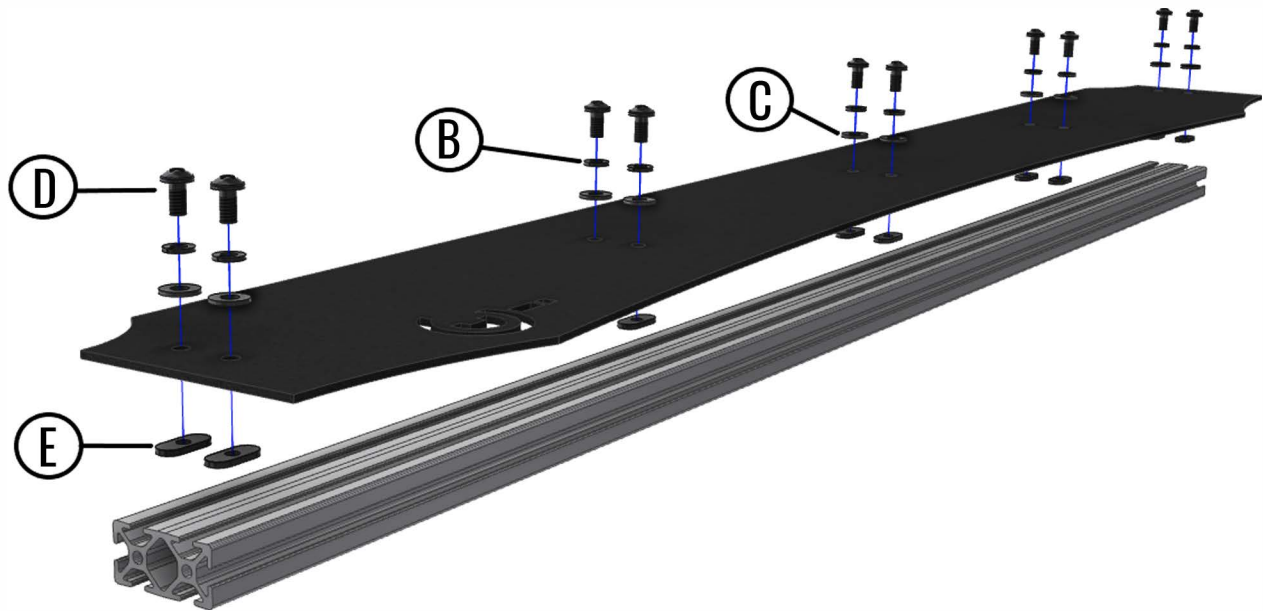
***NOTE:** The 1/4 Lock washers are no longer included with the hardware. Use the provided tube of thread lock instead.

	PART	QUANTITY
A	1/4" - 20 x 1" MACHINE SCREW	28
B	1/4" LOCK WASHER	28
C	1/4" FLAT WASHER	28

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WIND DEFLECTOR HARDWARE DIAGRAM

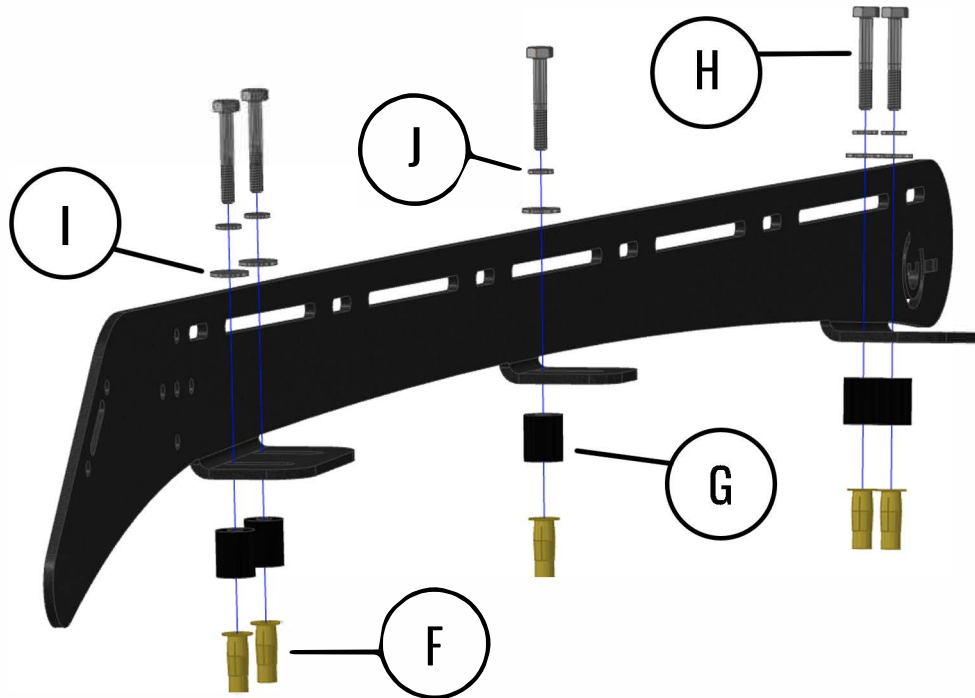


PART	DESCRIPTION	QUANTITY
B	1/4" LOCK WASHER	10
C	1/4" FLAT WASHER	10
D	1/4" - 20 x 1/2" PAN HEAD SCREW	10
E	1/4" - 20, 10 SERIES T-NUT	10

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MOUNTING HARDWARE DIAGRAM

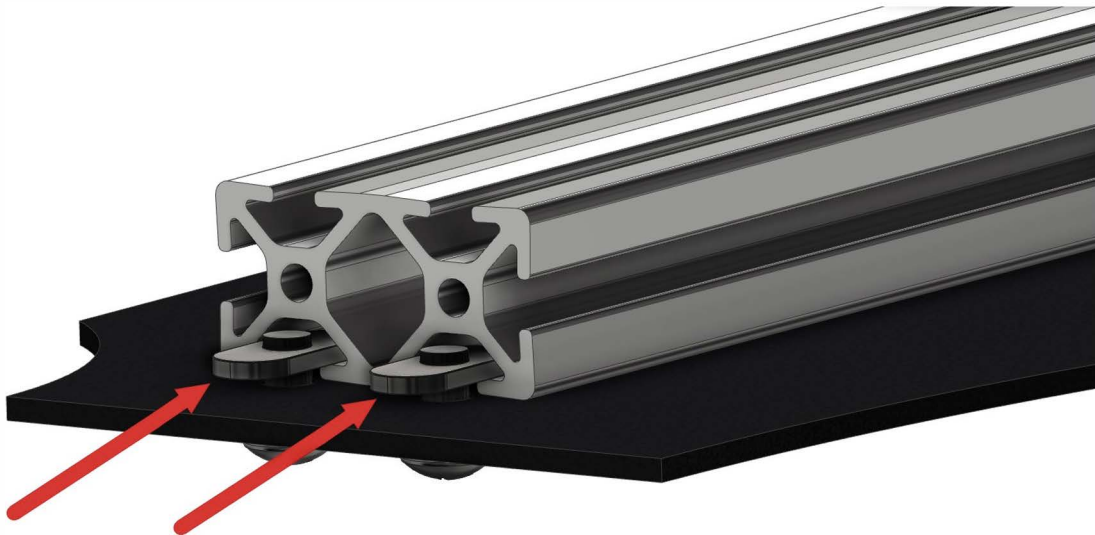


	PART	QUANTITY
F	1/4" - 20 PLUS NUT	10
G	3/4" x .319" x 7/8" LONG SPACER (OD X ID X LENGTH)	10
H	1/4" - 20 x 1 3/4" HEX CAP SCREW	10
I	5/16" SAE FLAT WASHER	10
J	1/4" LOCK WASHER	10

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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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ROOF RACK INSTALLATION 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**



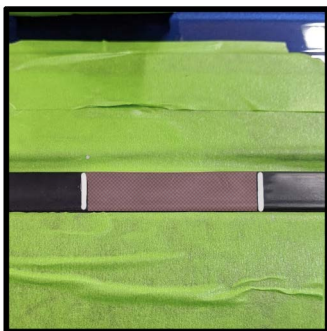
Begin by applying tape to protect the paint during installation but leave the gutter trim exposed



Next place your tape measure up against the edge of the wind shield trim as shown above



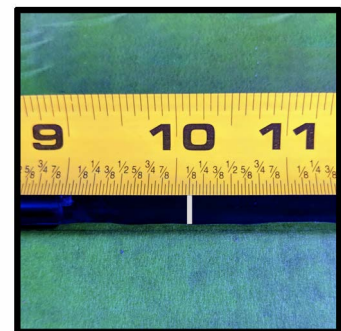
Measure straight back along the gutter trim and mark off at $9\frac{1}{16}$ ". Then again $4\frac{1}{8}$ " back from that point. Do this on both the driver and passenger side



This area of trim will need removed. It is attached via double sided foam tape



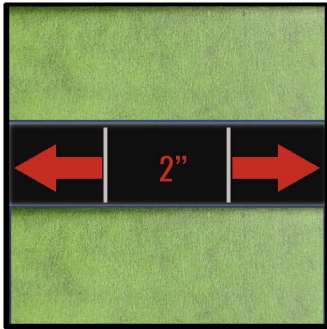
Trim removed and foam tape cleaned away



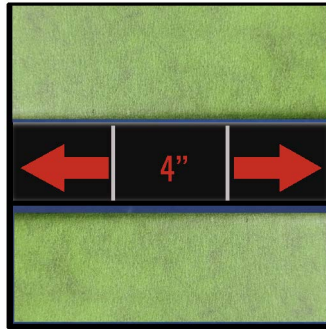
Measure straight back along the gutter trim and mark off at $10\frac{1}{8}$ ". Do this on both the driver and passenger side

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Now measure back 17 1/2" from rear edge of the first removed trim piece. Then mark and remove 2" of trim



Now measure back 20 3/8" from rear edge of the last removed trim piece. Then mark and remove 4" of trim



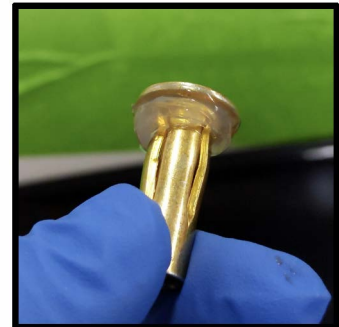
Before drilling use a center punch to indent the metal to prevent the drill bit from wandering while drilling



Now with the stock rails removed drill out the holes to 3/8". * Using a drill stop is recommended



View of bottom hole drilled, be sure to clean any shavings away that fell thru while drilling



Next apply a thin layer of silicone to the plusnuts before inserting to insure a water tight seal



Insert into the roof



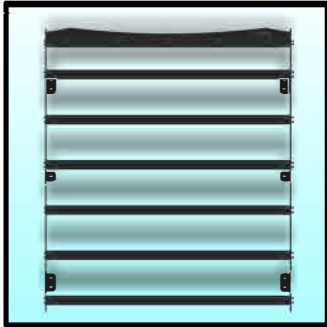
Compress the plusnut by using a 1/2" wrench to hold the coupler & tighten with an 11mm wrench



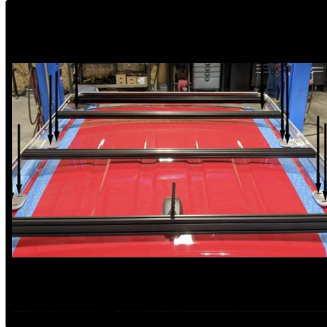
Apply more silicone and place the spacers on the roof

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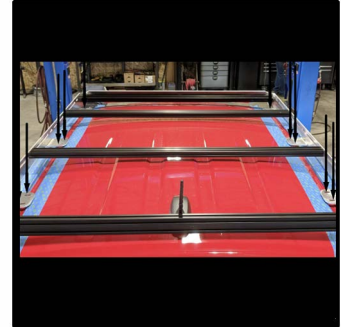
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Assemble roof rack



Place the roof rack on your vehicle without spacers and lightly attach to the first two plusnuts already installed



Ensure that the roof rack is **squarely** on your vehicle then mark down the location of each remaining mounting foot slot



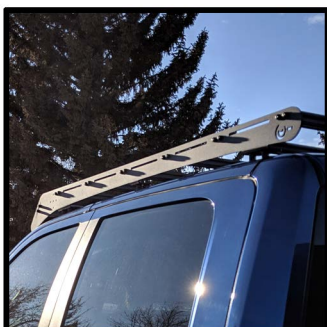
Drill and install remaining plusnuts and spacers as shown previously



The roof rack can now be fully installed



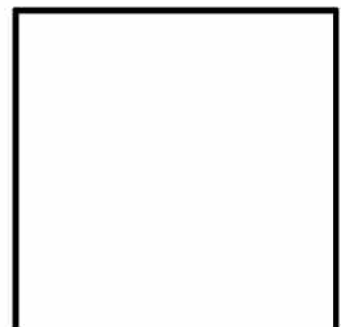
Double check all fasteners to ensure tightness before your first drive



It is recommended to periodically check fasteners ...



... This ensures tightness and full functionality



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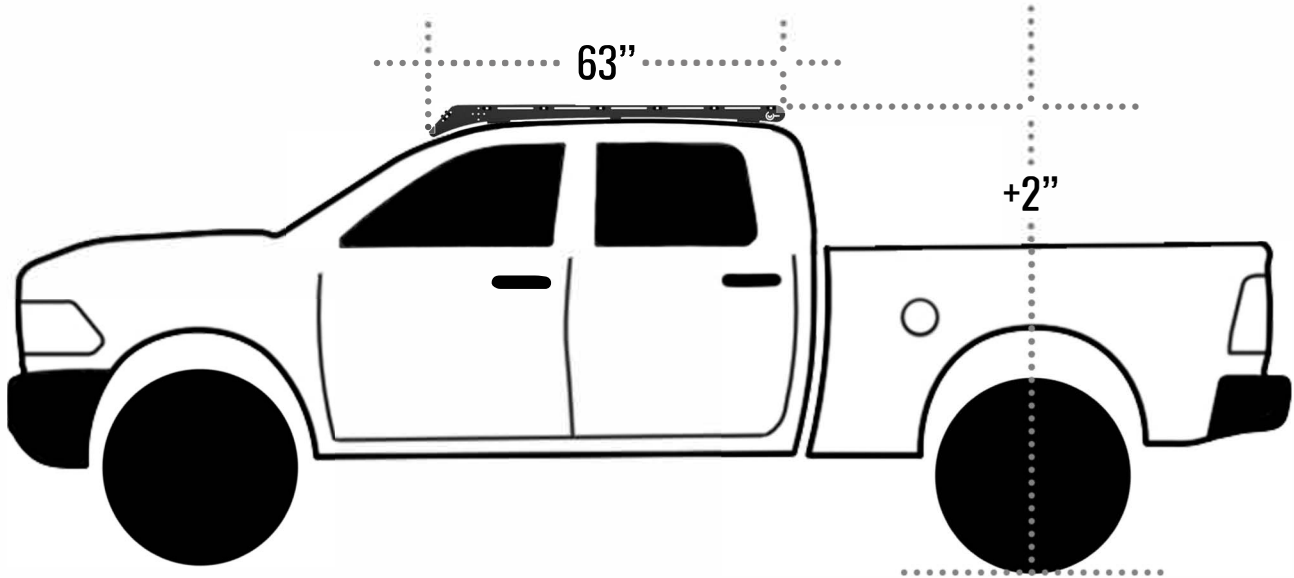
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WARRANTY

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FEATURE	MEASUREMENT/QUANTITY
OVERALL LENGTH	63"
SIDE RAIL HEIGHT*	2 3/8"
HEIGHT ADDED **	2"
CLEARANCE BETWEEN ROOF AND RACK	7/8"
WEIGHT	~ 43 LBS
54" CROSS BARS - BLACK - (1X2)	6
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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