

PRINSU ROOF RACK INSTALLATION GUIDE

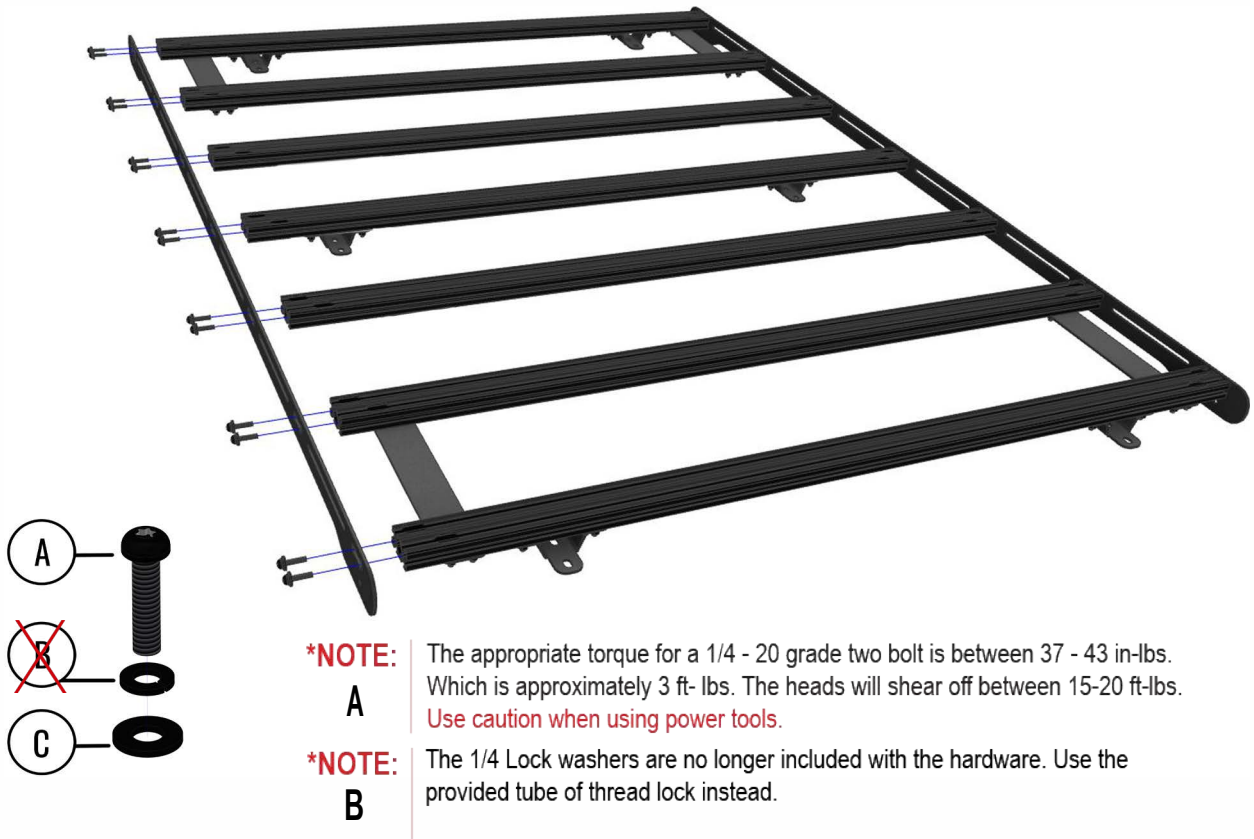


UNIVERSAL 6' TOP RACK

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CROSSBAR HARDWARE DIAGRAM



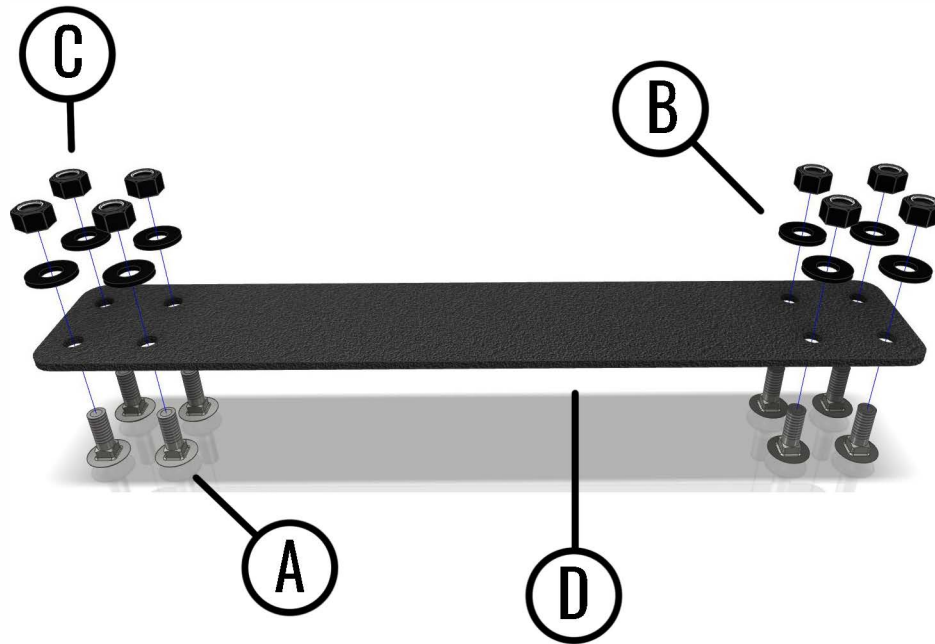
6' TOP RACK CROSSBAR HARDWARE LIST

PART	DESCRIPTION	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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STIFFENER BRACE HARDWARE DIAGRAM



PART	DESCRIPTION	QUANTITY
A	1/4" - 20 X 3/4" CARRIAGE BOLT	32
B	1/4" FLAT WASHER	32
C	1/4" NYLON LOCK NUT	32
D	STIFFENER BRACKETS	4

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STEP 1: IDENTIFY SIZE OF RACK AND # OF MOUNTING FEET

DESCRIPTION:

- THE 6' TOP RACK WILL RECIEVE 6 MOUNTING FEET
- ON SHELLS WHERE THE TRACKS CENTER TO CENTER DISTANCE IS WITHIN 4.6" OF THE CROSS BAR LENGTH (I.E. OVER 42.4" APART FOR A 47" RACK) THE SPECIALTITY SHORTENED MOUNTING FEET WILL BE NEEDED

STANDARD MOUNT
SHORTENED MOUNT



STEP 2: IDENTIFY PLACEMENT OF MOUNTING FEET

DESCRIPTION:

- THE MOUNTING FEET CAN BE ATTACHED TO THE FAR FRONT AND FAR REAR CROSS BARS THEN MIDDLE CROSSBAR. NOTE THAT DEPENDING ON THE LENGTH OF THE TRACKS ON YOUR SHELL THIS EXACT CONFIGURATION WON'T ALWAYS BE POSSIBLE
- FOR ESPECIALLY HEAVY LOADING SCENARIOS ADDITIONAL MOUNTING FEET CAN BE PURCHASED TO MORE EVENLY DISTRIBUTE THE LOAD



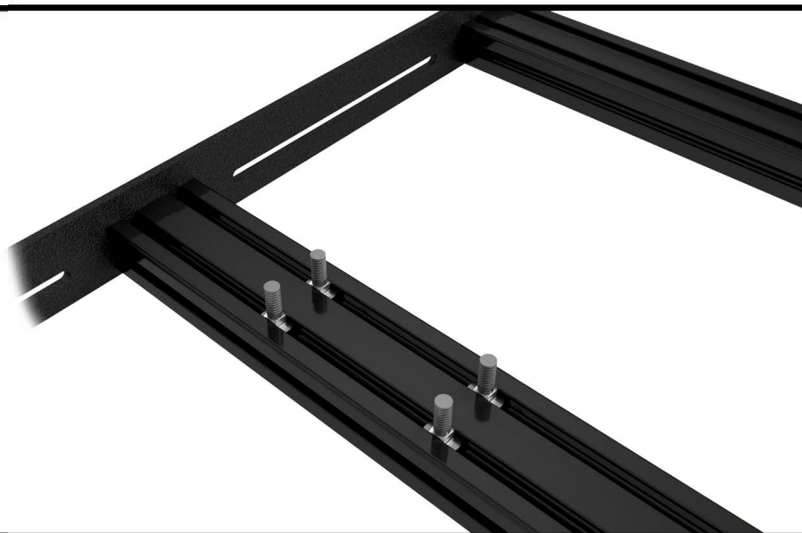
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STEP 3: ATTACH MOUNTING FEET

DESCRIPTION:

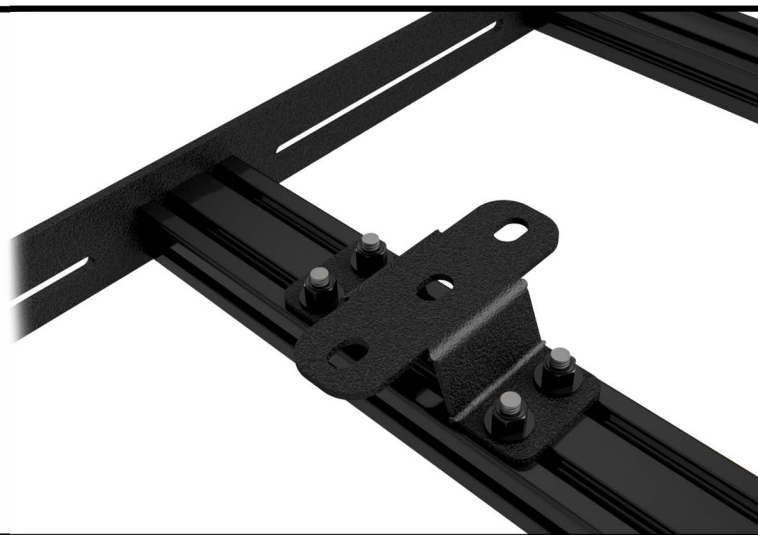
- FIRST INSERT THE CARRIAGE BOLTS INTO THE BOTTOM SIDE OF THE CROSSBAR
- MEASURE THE DISTANCE BETWEEN THE CENTER OF THE TRACKS ON YOUR SHELL. THEN PLACE THE MOUNTING FEET AT THAT DISTANCE ON THE CROSSBARS



STEP 4: ATTACH MOUNTING FEET CONT'D...

DESCRIPTION

- ONCE ALIGNED PLACE THE MOUNTING FEET OVER THE CARRIAGE BOLTS
- NEXT PLACE THE FLAT WASHERS AND FOLLOW WITH THE NYLON LOCK NUTS
- TIGHTEN WITH A 7/16" WRENCH



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STEP 5: ATTACH STIFFENER BRACES

DESCRIPTION:

- THERE ARE FOUR STIFFENER BRACES INCLUDED WITH EVERY TOP ROCK
- ONE IS PLACED IN EACH CORNER OF THE RACK



STEP 6: ATTACH STIFFENER BRACES CONT'D...

DESCRIPTION

- ONCE ALIGNED PLACE THE STIFFENER BRACES OVER THE CARRIAGE BOLTS
- NEXT PLACE THE FLAT WASHERS AND FOLLOW WITH THE NYLON LOCK NUTS
- TIGHTEN WITH A 7/16" WRENCH



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STEP 7: ATTACH SIDE RAILS

DESCRIPTION:

- WITH THE MOUNTING FEET AND STIFFENER BRACES INSTALLED YOU CAN NOW ATTACH THE SIDE RAILS
- TIGHTEN THE SIDE RAILS TO THE CROSSBARS WITH THE SUPPLIED MACHINE SCREWS FOLLOWED BY THE SPLIT LOCK WASHER AND THEN FLAT WASHER. TIGHTEN UNTIL THE LOCK WASHER IS COMPRESSED

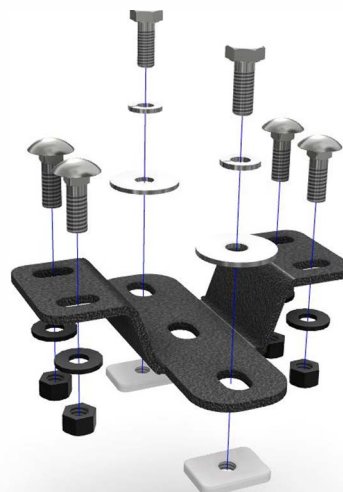


***NOTE:** The appropriate torque for a 1/4 - 20 grade two bolt is between 37 - 43 in-lbs. Which is approximately 3 ft- lbs. The heads will shear off between 15-20 ft-lbs.
Use caution when using power tools.

STEP 8: ATTACH ROOF RACK TO TRACKS

DESCRIPTION

- SLIDE THE SQUARE "A" PLATES INTO THE TRACK SYSTEM
- EACH MOUNTING FOOT REQUIRES TWO "A" PLATES



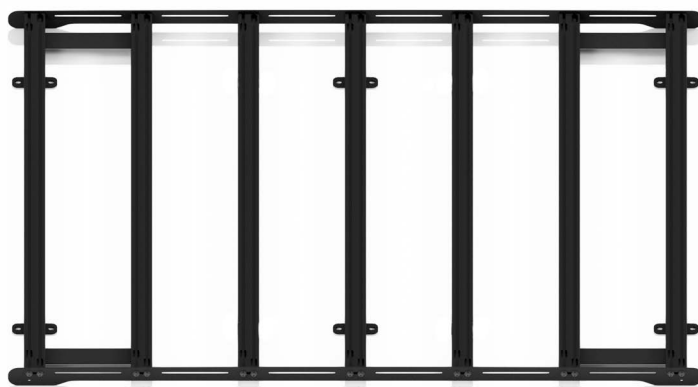
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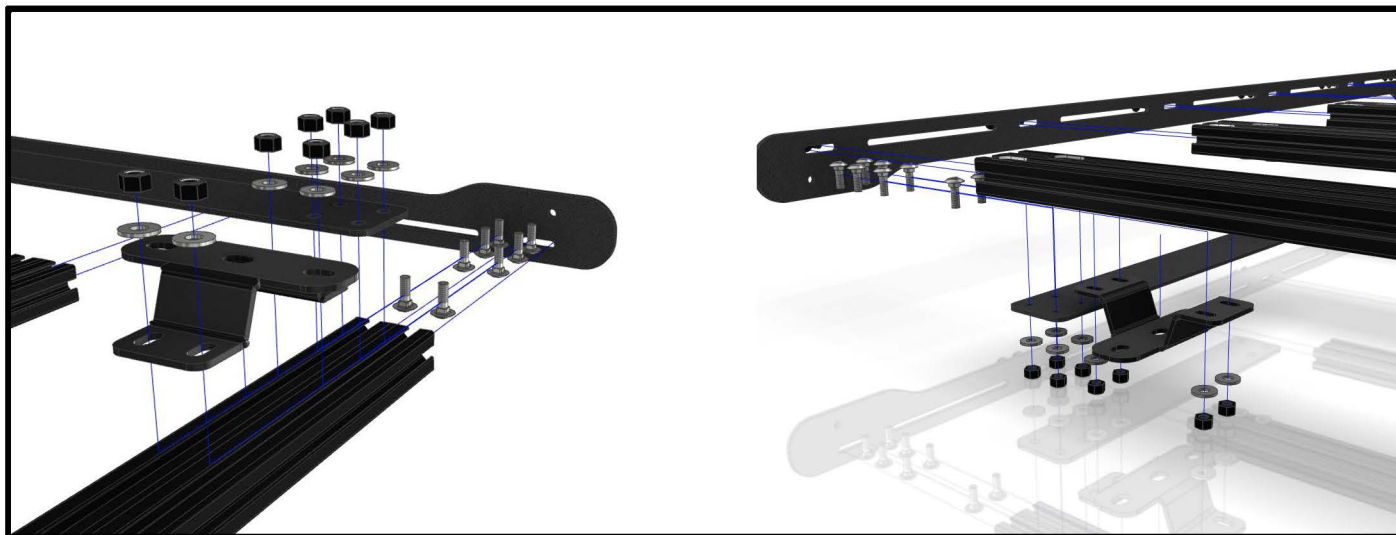
STEP 9: DOUBLE CHECK CONNECTIONS

DESCRIPTION:

- BEFORE YOUR FIRST DRIVE DOUBLE CHECK ALL FASTENERS TO ENSURE YOUR ROOF RACK FUNCTIONS CORRECTLY
- PERIODICALLY THERE AFTER CHECK THE FASTNERS TO ENSURE FULL FUNCTIONALITY



ADDITIONAL IMAGES



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