

ALUMINUM CAB RACK SYSTEM INSTALLATION INSTRUCTIONS

**FITMENT:
2005+ TOYOTA TACOMA (ALL MODELS)**



**IF INSTALLING BOTH THE BED AND
CAB RACK, IT IS RECOMMENDED
TO INSTALL THE BED RACK FIRST.**

DISSENT 
OFF-ROAD

PLEASE READ ALL DIRECTIONS THOROUGHLY BEFORE BEGINNING INSTALLATION. ALWAYS USE THE APPROPRIATE SAFETY EQUIPMENT; ESPECIALLY WHEN WORKING WITH POWER TOOLS. THIS DOCUMENT SERVES AS A GUIDE ONLY. SOME PARTS MAY BE UPDATED AND MAY NOT BE IDENTICAL TO THE ONES SEEN HERE.



DISSENT 
— OFF-ROAD —

REQUIRED TOOLS

3/8" DRIVE SOCKET WRENCH
1/4" DRIVE SOCKET WRENCH
1/4" DRIVE U-JOINT
1/4" DRIVE 6' EXTENSION
10MM - 1/4" DRIVE SOCKET
1/2" -3/8 DRIVE SOCKET
7/16" -1/4 DRIVE SOCKET
#5 HEX KEY
TORX BITS
MEASURING TAPE
SILICONE SEALANT

RECOMMENDED TOOLS

1/4" DRIVE TORQUE WRENCH
3/8" DRIVE TORQUE WRENCH
LONG PIECE OF STRAIGHT WOOD OR METAL TO
ASSIST IN ALIGNMENT OF LOAD BARS

PARTS LIST



Front Faring (1)



Front Side Skirt (2)



Side Skirt Stiffeners (8)



Load Bar Mount (8)



Middle Roof Mount (2)



Rear Side Skirt (2)



Load Bar (4)



Nut Plate (6)



Front Roof Mount (2)



Rear Roof Mount (2)



5/16 - 3/4 Bolt (60)



5/16 Washer (60)



1/4 Lock Nut (12)



1/4 Washer (12)



Bonded Washers (10)



1/4 Hex Bolt (10)



Fairing Weather Strip

OPTIONAL PARTS LIST



RTT Bar (2)



Awning Mount (2)



Additional Load Bar Spacer



Additional Load Bar

ONE

- If installed, remove factory roof rack using the appropriate Torxs bits.
- There are (5) bolts on either side: (2) front, (1) middle and (2) rear.



TWO

-Remove any rain gutter channeling using a plastic prybar.

-Remove any extra bracketry for the factory roof rack as shown.

-Remove any remaining bolts in the rain gutter channeling.



THREE

-Place a liberal amount of silicone sealant in, and between the front two roof holes.

-Using (2) 1/4" hex bolts and (2) 1/4" bonded washers, install the front roof mount.

-Tighten these bolts

Note: the studs point away from the cab.



FOUR

-Repeat step three for the middle and rear mounts.

-Repeat the entire process for the opposite side.

-A total of (10) 1/4" hex bolts and (10) 1/4" bonded washers should be used.

Note: It is recommended to wash and wax the roof once the silicone sealant dries.



FIVE

-Using (2) 1/4" lock nuts and (2) 1/4" washers, install the load bar mount as shown with the bracketry facing towards the cab.

-Tighten just enough to allow the load bar mount to be adjusted by hand.

-Repeat this process for the remaining (5) load bar mounts using a total of (12) 1/4" lock nuts and (12) 1/4" washers.



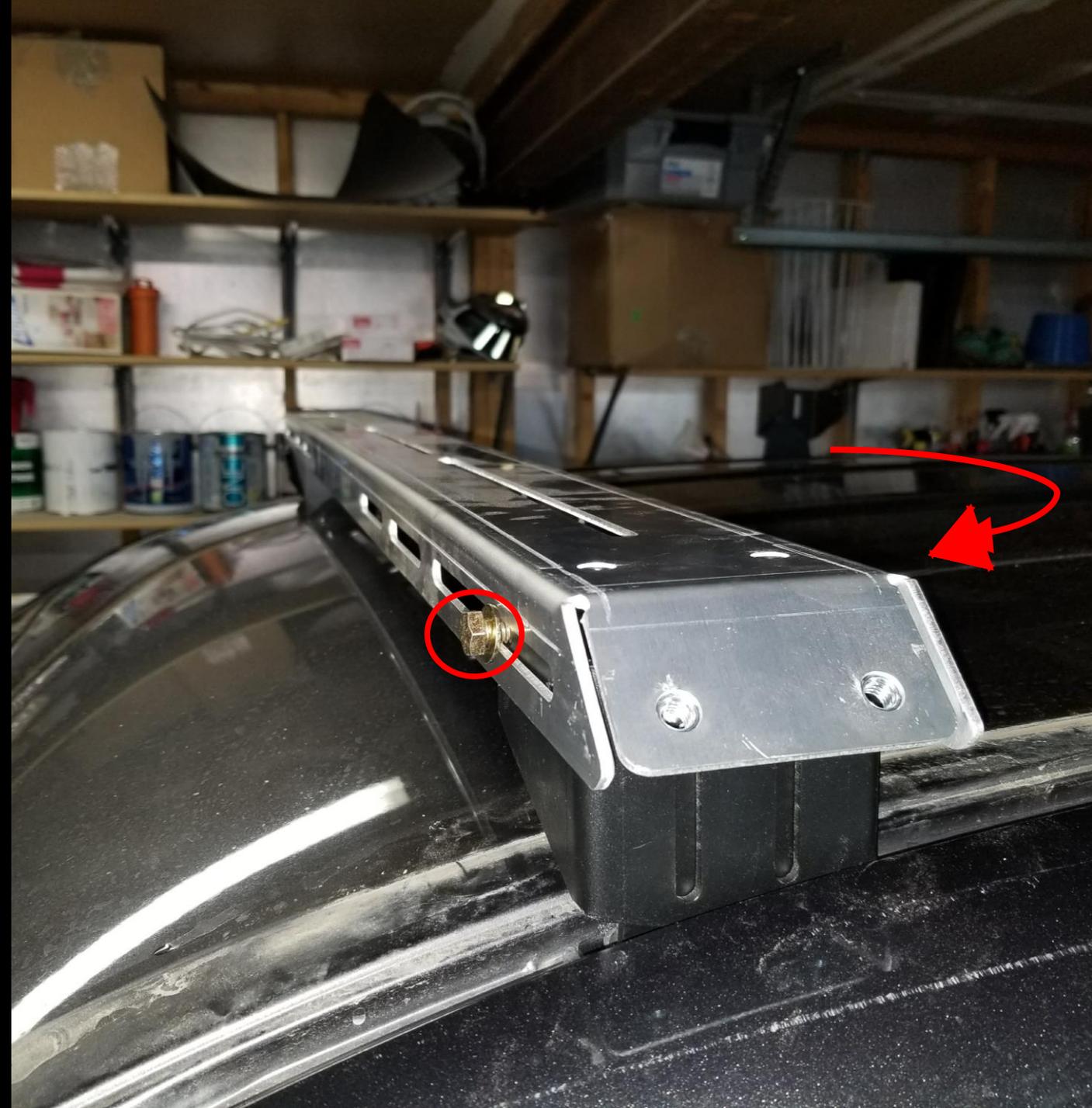
SIX

-Using (4) 5/16 “- 3/4” bolts and (4) 5/16” washers, install the front load bar to the load bar mount using the side mounts (red) as shown on the driver and passenger sides.

-Tighten just enough to allow the load bar to be adjusted by hand.

-Center the load bar between the two roof mounts by eye.

-Repeat this for the middle and rear load bars using a total of (12) 5/16 “- 3/4” bolts and (12) 5/16” washers



SEVEN

-Using (2) 5/16 " - 3/4" bolts and (2) 5/16" washers, attach the front side skirt to the rear side skirt using only the bottom bolts of the side skirt stiffener as shown.

-Leave hand tight.



EIGHT

Install the remaining (3) side skirt stiffeners using the same process as in step seven.



NINE

-Install the partially assembled side skirt onto the load bars using (3) 5/16 “- 3/4” bolts and (3) 5/16” washers; one on the top of each load bar as shown.

-Leave finger tight.



TEN

-Install the remaining (9) 5/16 “- 3/4” bolts and (9) 5/16” washers on the side skirt. Leave the bolts finger tight.

Note: It may take some effort to get the bolts lined up and started. **Be sure not to cross thread the bolts.**

-Repeat steps seven-ten for the opposite side.



ELEVEN

-Using (8) 5/16 “- 3/4” bolts and (8) 5/16” washers, install the 4th rear most free hanging load bar as shown.

-Leave the bolts finger tight.

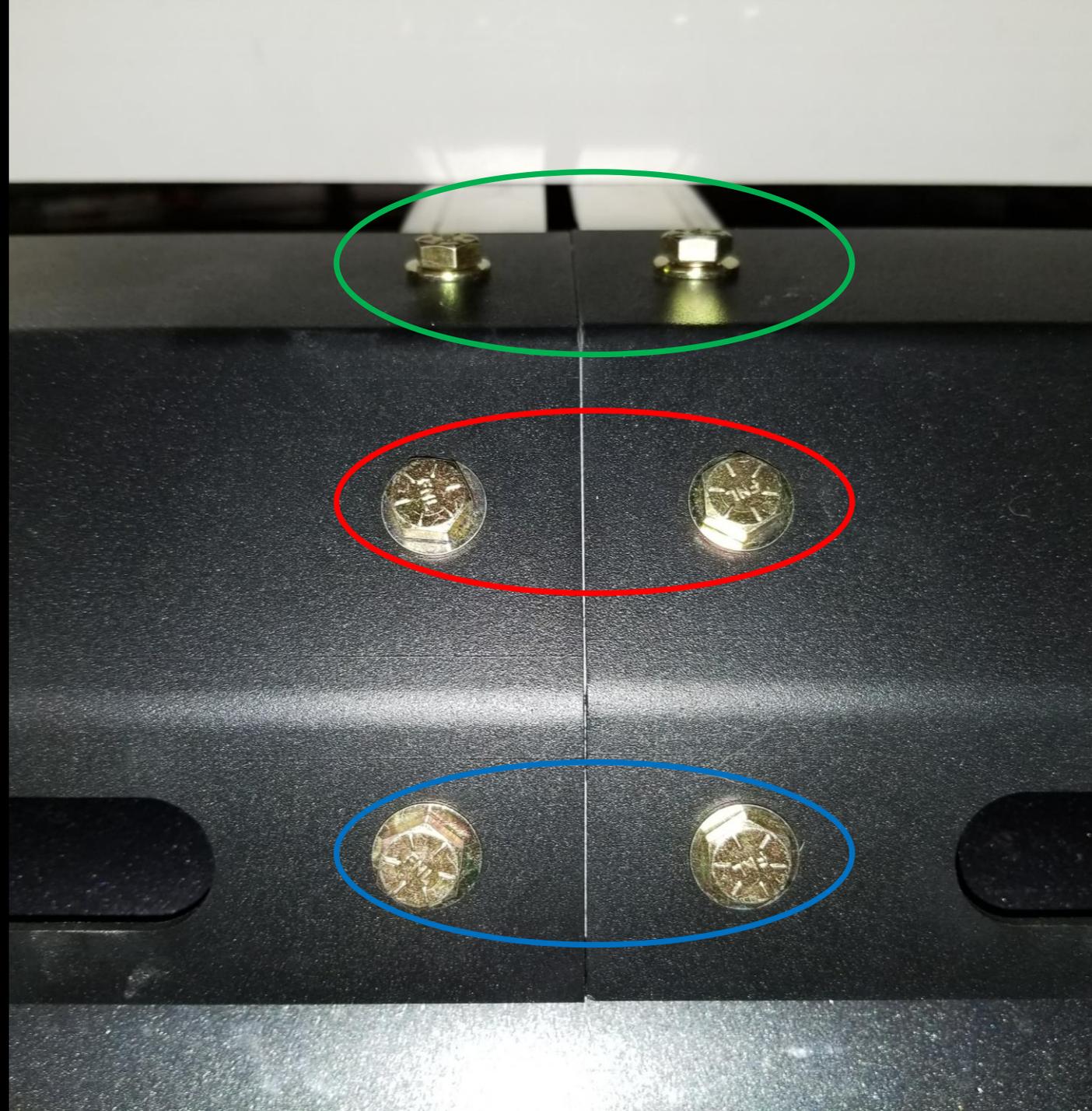
-**Note:** It may take some effort to get the bolts lined up and started. **Be sure not to cross thread the bolts.**



TWELVE

-Close the gap between the front and rear side skirts by pushing them together. If they resist moving, loosen the bolts holding each side skirt until they can be moved.

-Once the gap is acceptable, the (48) 5/16" bolts can be tightened to approximately 25 foot pounds by first tightening the middle (red), then bottom (blue), then top (green).



THIRTEEN

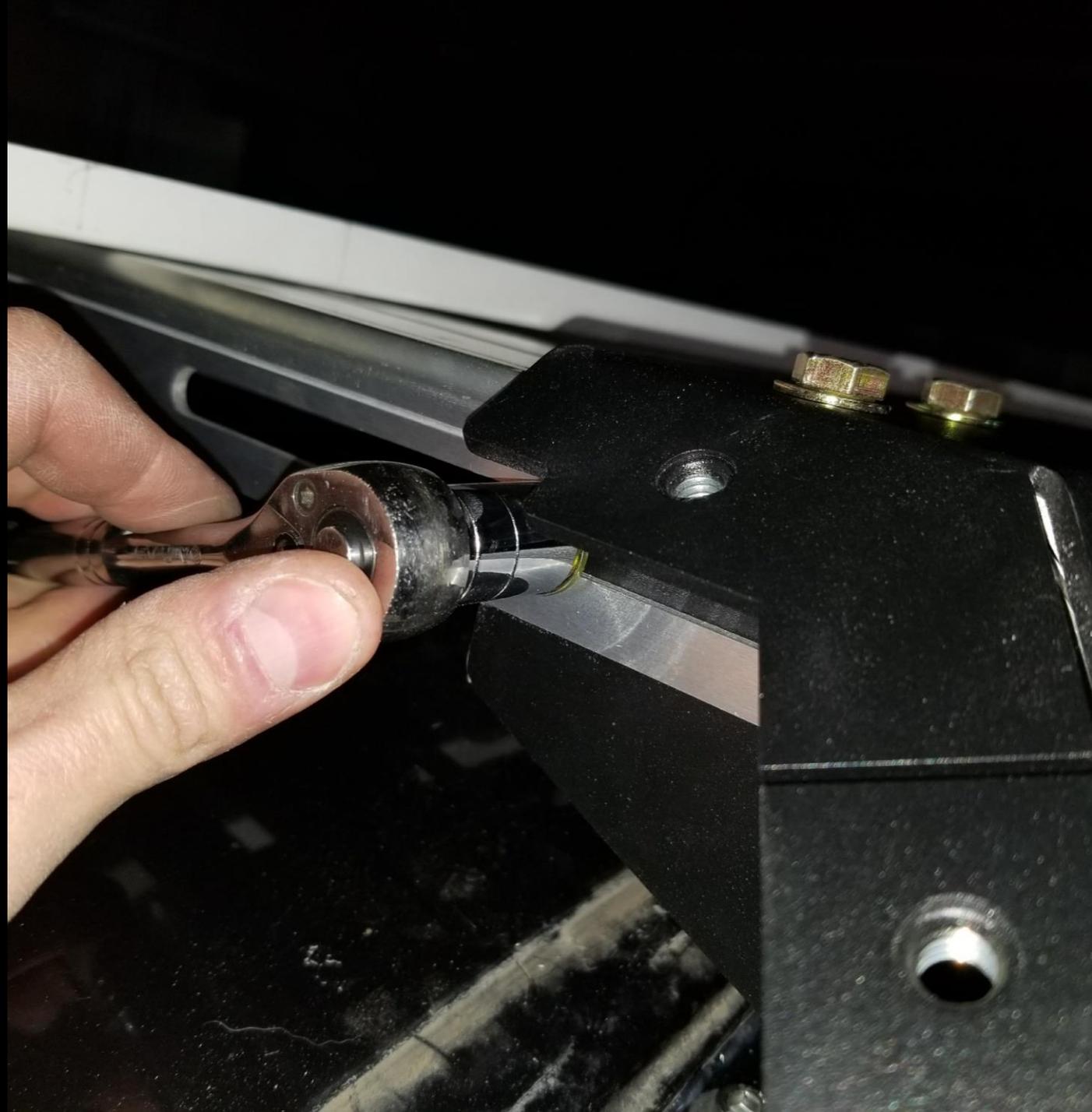
-The rack must now be aligned.

-To align driver to passenger side, pick various points on one side and measure from the outside lip of the gutter channel to the edge of the rack. Do the same on the opposite side and position the rack evenly (driver to passenger) on the cab.



FOURTEEN

-Once aligned driver to passenger, snug the (12) 5/16"-3/4" bolts from step six holding the load bars to the load bar mounts.



FIFTEEN

-The height of the rack must now be aligned.

-Starting at the rear, align the height of the rear most load bar with the height of the bed rack (if applicable) as shown.

-If the bed rack is not used, the height of the cab rack is based on personal preference.

Note: A long straight piece of wood or metal makes aligning the height of the bed rack with the cab rack easier.



SIXTEEN

-Once aligned with the bed rack, snug (1) of the 1/4" rear load bar mount nuts on either side to hold it in place.

Note: a 1/4" drive u-joint and 6" extension is required for this step. Use caution to not run the extension along the finish of either the cab or the rack.

-Using a measuring tape, measure from the top lip of the door opening to the bottom edge of the rack in the rear. Measure from the same location on the opposite side to ensure the same measurement. Loosen (1) of the 1/4" nuts and make adjustments if necessary.

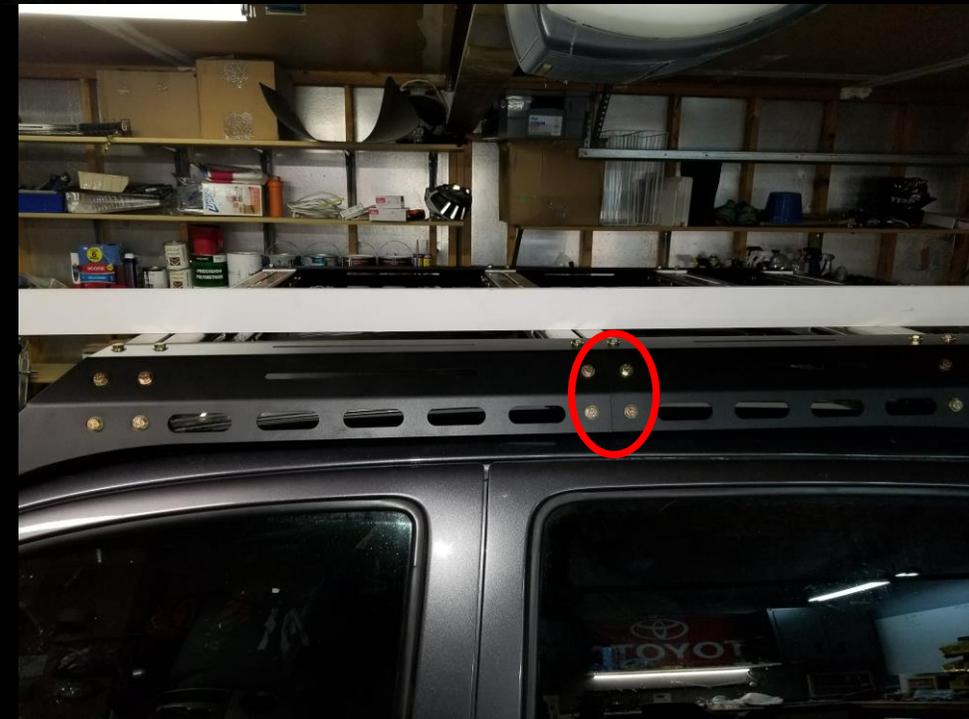


SEVENTEEN

-At this point the adjustment of the rest of the rack should be based on three factors:

1. Even height of the load bars using a long straight piece of wood or metal.
2. Even height on driver and passenger sides using a measuring tape at various locations along the rack as done in step sixteen
3. Personal preference with alignment to the cab body.

Note: the gap between the front and rear side skirts (red) should be even at the end of the alignment process. If the gap is significantly larger at the top or bottom, the alignment of the load bars is not accurate.



EIGHTEEN

-Once alignment has been achieved using steps fifteen and sixteen, the rest of the (10) 1/4" nuts can be snugged up.

-Double check all measurements left to right and height and make adjustments as necessary by loosening bolts where needed.



NINETEEN

-Triple check the alignment left to right, top to bottom, of the load bars, and with the bed rack.

-If the alignment is complete, Tighten:

- (12) 1/4" bolts from step five securing the roof mount to the load bar mount to approximately 5 foot pounds.
- (12) 5/16"-3/4" bolts from step six holding the load bars to the load bar mounts to approximately 25 foot pounds.



TWENTY

-Install the provided weather strip onto the lower lip of the front fairing.

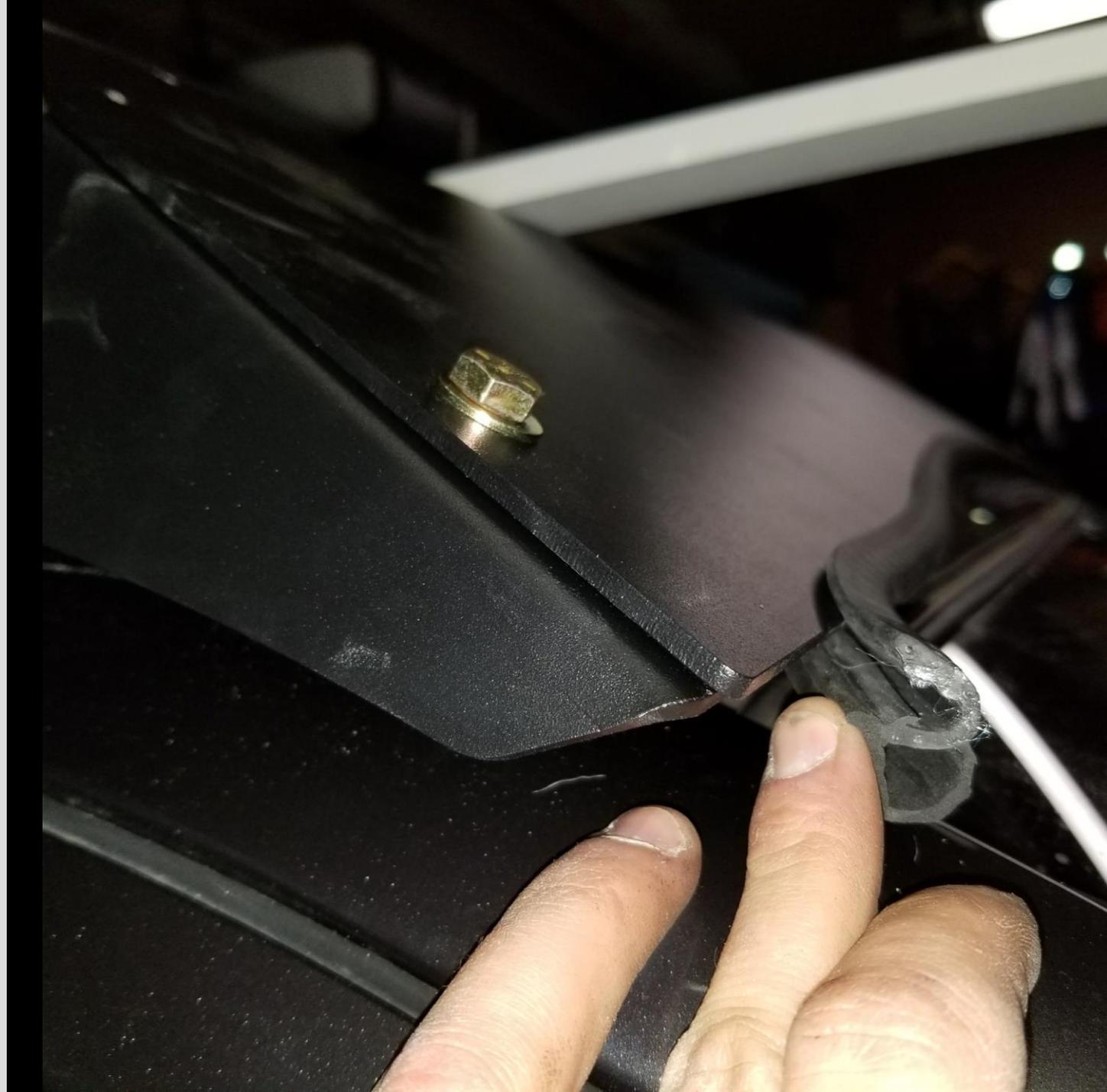


TWENTY ONE

-Place the front fairing into place and secure it using (6) 5/16"-3/4" bolts and (6) 5/16" washers.

-Tighten to approximately 25 foot pounds.

-Ensure the weather strip fits snugly over the entirety of the bottom lip of the front fairing.



OPTIONAL

-To install the RTT bars, mount the bars to the bottom of your tent using the hardware provided with your tent.

-Remove (8) 5/16"-3/4" bolts and washers in step seventeen where the tent is positioned to sit.

Place the tent on the rack and replace the (8) 5/16"-3/4" bolts with the (8) 5/16"-1" bolts and washers provided with the tent bars.

To install the awning mounts. Place them on the RTT bars as shown and use (4) additional 5/16"-3/4" bolts and washers on the sides to secure them. If installing the awning mounts without the RTT bars, install them using the same process as the RTT bars.



ENJOY!

For questions or
concerns, contact:

DISSENT OFFROAD at
530-588-2494 or through
DISSENTOFFROAD.com

