



Installation Guidelines

Roof Racks

RR48, RR60, RR72

SAFETY

Your safety and the safety of others is very important.

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential injury hazards.
- Please do a job safety analysis before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment.
- Read and understand all safety precautions and instructions before installing this product.

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE OWNER.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.

Injury hazard

Failure to observe these instructions could lead to severe injury or death.

- Always remove jewelry and wear eye protection.
- Always use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always use appropriate and adequate care in lifting components into place.
- Always insure components will remain secure during installation and operation.
- Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- Always use extreme caution when cutting and trimming during fitting.
- Always tighten all nuts and bolts securely per installation instructions.
- Always route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical terminals.
- Always perform regular inspections and maintenance on mounts and related hardware.





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FORWARD:

Thank you for purchasing a Fab Fours Roof Rack. As stated in our sales literature, and on the box this rack and manual were packaged in, this product requires drilling into the vehicles roof. As you are aware, the issues from a improper installation can be amplified by the fact if is on the surface that keeps rain out of the vehicle – TAKE SPECIAL CARE – READ ALL GUIDELINES FIRST – READ ALL TROUBLESHOOTING FIRST.

This is a measure 5 times drill once scenario, take your time.

Fab Fours has zero liability to any damage incurred from the installation and or use of this rack. Not all vehicle roofs are created equal, and there is a large amount of judgment involved in deciding to install the rack and where it goes.





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GUIDELINES

Your vehicle is unique and your installation will be as well. Therefore this is not a manual, but guidelines for a successful installation. To keep the nomenclature consistent the parts of the roof rack will be referenced as follows:

INSERT IMAGE OF EXPLODED RACK WITH CALLOUTS OF PARTS – SEE GREG SKETCH.

- Start by holding one “RACK SIDE” up above your vehicle. Be on a ladder or platform that gives you good visibility of the roof. At this point you are making the first decision about where the “FEET” will land on the roof. Each set of 4 holes on the “RACK SIDE” represents the area that a “CROSSBAR” will be. “CROSSBARS” can be mounted with the “MOUNT FLANGE” facing forwards or backwards (if unclear, or first rack consider a “dry” assembly of a “CROSSBAR” or two off the vehicle to familiarize yourself with the way a rack is assembled). Therefore, you are trying to find the best





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compromise of having the overall rack in the position you want front to backwards, but also such that the “FEET” will land on the roof in a decent place front to back on the truck.

- *****WHAT IS A DECENT PLACE FOR A “FOOT”*****
 - Not too close to a sunroof
 - Not too close to the edge
 - Not “half on” a ridge
 - Not in a super flimsy spot
 - Not on a super curvy spot
 - Ideally you would like the Front “CROSSBAR” on the rack, and the rear “CROSSBAR” on the rack to both have the downward “MOUNT FLANGE” facing the “inside” of the rack. This will prevent you from seeing the “FEET” when looking at the vehicle.
- Now that you know which “CROSSBARS” you intend to have “FEET” mounted to them, and which direction (forwards or backwards to the vehicle) the “MOUNT FLANGES” need to be, you can assemble the Rack off the vehicle! The remaining





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“CROSSBARS” can face any preference you have.

- *****IF RUNNING A 50” LIGHTBAR with “studs”, be sure to install prior to tightening rack together. The rack has “holes” instead of slots to discourage theft.**
- **Put 2” spacer on roof.**
- **Put rack on spacers.**
- **Adhere foam to the bottom of the “FEET”.**
- **Visually identify best mount location for the “FEET” left to right in the available holes on the “MOUNT FLANGE”.**
- **Install brackets to where the “FEET” are snug, but can still rotate.**
- **Remove spacers, so that rack is sitting directly on the vehicle.**
- **If happy with location, center punch.**
 - **Be sure “FEET” are on flat surface.**
 - **Be sure “FEET” still meet criteria for “decent place”.**
- **Remove rack from vehicle.**
- **Loosen all of the “FEET” so they are very “free” moving.**
- **Drill pilot hole.**





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- Use precise listed bits: 1/8", 1/4" 17/32" (if unavailable, a 9/16" bit can be used – take extra care as you are then already “oversize” for the crush nuts).
- Vacuum away shavings.
- Carefully crush nuts. There are 2 primary goals here: 1. Keep the nut flat to the surface at all times. 2. Do not over crush, when it “stops” it is done.
- Put rack on vehicle.
- Tighten feet to roof. These 8 bolts are the most important in the entire installation. They should spin **ALL THE WAY DOWN BY HAND!** Make sure they are not getting pressure from the “FEET” or the rack, or anything else. These stainless **XXX** bolts should have the rubber washer followed by a stainless washer. Tighten until the rubber washer is squished to just outside of the washer and the bolt is snug.
- Tighten feet to rack.





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TROUBLE SHOOTING:

- 1. One or more of the "CROSSBARS" is touching the vehicle in the middle.**
 - a. You can Remove that bar permanently**
 - b. You can space that bar up from the "RACK SIDE" with washers.**

- 2. One or both ends of the rack are moving the flimsy roof too much.**
 - a. You can purchase as many additional "FEET" as desired to spread the load. These can be installed with the rack in place.**

- 3. My Sunroof hits a "CROSSBAR".**
 - a. Remove that "CROSSBAR" permanently.**

- 4. When I drilled my pilot hole, the bit then encountered another layer**
 - a. Drill through that layer as well with all bit sizes.**
 - b. If you are unfortunate and landed on a second layer that is sloping or on a angle (not parallel to the roof), then you have your work cut out for you. TAKE YOUR TIME. You still have**





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to drill the second layer with all sizes of bits. The challenge is that the bit can try to “walk” down the second layer that will then elongate your roof hole. You must fight that keep the bit centered to try and protect the round hole in the roof.

5. When drilling I damaged _____ (Insert thing you damaged).
- a. We can unfortunately be of no assistance, and hold no liability. We do not even know what vehicle you own, or anything about it. This is a universal mount, and choosing “FEET” location is a best judgment call. If you really hit a mess, consider having that location repaired and shifting the rack to drill elsewhere.

Contact Information

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More than expected... Better than expected.

