



THANK YOU FOR CHOOSING RAGO FABRICATION OUR TEAM THANKS YOU FOR YOUR SUPPORT!

FABRICATION EVERY PRODUCT WE MAKE IS MADE IN THE USA AND SUPPORTS A VETERAN OWNED BUSINESS.

There are helpful install videos on www.ragofabrication.com that guides the installer through the installation process. To find the video go to More at the top of the page / Install Help / and choose the correct video that applies.

Customer service and satisfaction is our top priority (it actually is second to making kick ass products). With that being said, we will do everything we can to make sure the install process goes as smoothly as possible with the least amount of hiccups.

A couple key points to remember when installing your products:

- Get a friend to help with the installation process. An extra hand is very helpful.
- Make sure you watch the install video for your product from start to finish.
- Please be patient. When you rush, mistakes happen.
- Call with any questions! Do not drill into your vehicle when you are not sure what you are doing.

Let's Get Started!

1. Watch our VIDEOS on the install. Trust US! You NEED to watch the videos.
2. Our roof mounts are designed to fit a 52" Curved LED Bar unless you purchased the 50" Curved X5 Brackets. Our mounts will NOT work with any other sizes unless you have spacers. The brackets will NOT work with straight bars.
3. The brackets were designed to be placed in the windshield tint area. They are supposed to sit as low as possible. If you place them to high, they will NOT fit.
4. Cycle the windshield wipers once LED bar is in the desired mounting location. If you do not do this, your windshield wipers may hit the bar. Also, if you have oversized windshield wipers, the wipers will hit the bar. You will need to use factory size wipers.
5. You want to "mock-up" your brackets with the bar and USE A LEVEL. We have seen some bars installed sideways. Once you drill the holes, there is no going back. Do not be that "guy".
6. Center punch the holes to prevent drill bit wonder, which would lead to an offset hole.
7. Use a small pilot bit to start the hole, this also prevents drill bit wonder.
8. Zert nut drill bit size is .400 or 25/64. To help in the drilling process it is highly recommended to start with a unibit and slowly drill the sheet metal before reaching the 25/64 hole size, finish the hole with the 25/64 drill bit. This will prevent distortion of the hole and allow better results. DO NOT USE A UNIBIT to drill the hole completely. You risk drilling the hole to big.
9. De-burr drilled hole with a file or sand paper.
10. Before inserting nut zert, inject silicone in the hole to prevent water seepage and rust.
11. Insert nut zert and install using the correct nut zert tool for a ¼ x 20 thread
12. Install all 4 nut zerts and check to make sure LED brackets fit. Then take off brackets, inject more silicone inside threaded part of nut zert
13. Reinstall brackets loosely. Install LED bar and tighten all screws. DO NOT OVERTIGHTEN or you risk stripping the holes and your bar can come off while drilling.
14. BAM! That's all that's to it. OHHHH - If you happen to be bothered by the wind noise created by roof led bars, make sure you check out our video on how to reduce the whistle.



Look forward to seeing your install pics. Make sure you email them to us so we can feature you and tag @ragofabrication and hashtag #ragofabrication on social media. Oh and....if you happen to video your install, we will send you a lil "something something" if you email it over.