



2005 TO CURRENT TOYOTA TACOMA

TOYOTA TACOMA OVERHEAD LIGHT BAR INSTALLATION

KC's Toyota Tacoma Overhead Mount Bracket set uses black textured powder coated steel and are designed to mount Gravity® LED Pro6 and C-Series LED light bars on Toyota Tacoma trucks.

WARNING: Please read all instructions before beginning installation. These guidelines are provided in good faith to help prevent any issues arising from errors during installation. The manufacturer of this product shall not be held responsible for any user actions taken or not taken during installation. There are many details of the installation that are assumed to be general mechanical knowledge to experienced installers; which are not detailed in these instructions. These installation guidelines are intended to serve as professional recommendations and are not as a step-by-step, fail-safe installation checklist. Selection of an experienced installer is the sole responsibility of the project owner.



2017 Tacoma with 8-Light Gravity® LED Pro6 light

Parts Included:

- QTY 1 - Toyota Tacoma Bracket Set
- QTY 6 - M6 Stainless button head cap screw
- QTY 6 - M6 Washers
- QTY 2 - Gaskets
- QTY 2 - Riv-nuts

TOOLS NEEDED FOR INSTALLATION

For this installation you will need painters tape, drill bits (sizes: 0.0625", 0.125", 0.25", 0.375"), sockets (13mm and 7/16"), box end wrenches (13mm and 1/2"), 5/32" allen wrench, 5/16" center punch, razor knife, and a plastic panel remover.

Painters Tape



Drill Bits



Sockets



Box End Wrench



Allen Wrench



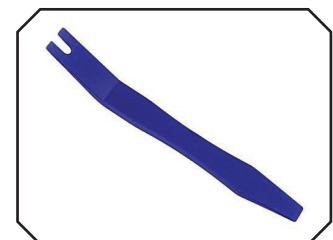
5/16" Center Punch



Razor Knife



Flat Panel Remover



TACOMA OVERHEAD BRACKETS - 50" LED LIGHT BAR

INSTRUCTIONS FOR INSTALLATION

1. Remove the rubber gutter/roof molding

- Use the panel remover tool to lift the rubber gutter extrusion. There is a clip holding the extrusion in place at the front, and double sided tape holding it down in the rear.
- Remove the body-colored tape covering the two front factory mounting holes. Tape the roof of the truck with painters tape.

Figure 1



Figure 2



Figure 3



Figure 1: Where to place the panel remover to lift the rubber gutter extrusion.

Figure 2: View of lifting the rubber gutter extrusion off of the double sided tape.

Figure 3: Location of the colored tape covering the factory mounting holes.

2. Mount the bracket and light bar, then mark the holes

- Place the light bar brackets in the gutter of the roof over the two factory threaded holes. Use the supplied hardware to mount the light bar brackets into the holes.
- Mount the light bar to get the exact placement of the threaded riv nut.
- After the brackets are mounted to the two factory holes and the light bar is mounted to the bracket, mark the hole that is at the forward most point on the bracket. Use a gold sharpie and then a center punch to pinpoint your hole locations.



3. Drill the holes

- After carefully marking the holes and double-checking the placement, remove the brackets and light bar.
- Begin drilling the holes. It is critical that the placement of the bracket is correct to avoid any issues during the installation.
- Start a pilot hole and step up to 1/4. The rivnut supplied requires a "Q" Drill Bit, which is slightly larger than a 5/16. If a Q-Bit is not available using the 5/16 slightly widen the hole until the riv-nut fits.



4. Install the riv-nuts

- Using Manual/Pneumatic Rivet Tool, install the riv-nuts into the newly drilled holes.
- When torquing the riv-nuts use caution to avoid over-torquing and "blowing out" the hole.

Placing silicone sealant around the riv-nuts is highly recommended to

TACOMA OVERHEAD BRACKETS - GRAVITY LED PRO6/C-SERIES LIGHT BAR

5. Fully install the bracket

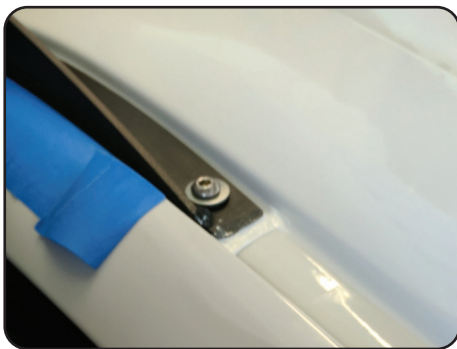
- Remove all of the painters tape.
- Place the gasket between the bracket and the roof. Place the metal-rubber washer with the rubber side down. Bolt the brackets onto the roof of the car with the supplied rubber gasket. Be careful when torquing the button head cap screws to ensure the rivet nuts are not pulled out. Verify that the brackets are mounted securely.

6. Fully install the light bar

- An extra set of hands makes this process significantly easier.
- Prep the light bar for install. Removing the M8 bolt that will attach the end mount bracket on the driver side. Loosening, but do not remove, the bumpstop bolts.
 - Loosen both the M10 and M4 end mount bolts.
 - Install the light bar passenger side first, placing the M8 bolt through the KC Tacoma overhead bracket. Install the washer, spring washer, and nut (in that order) until hand tight.
 - For the driver side, place the bolt through the Pro6 end mount bracket and the KC Tacoma overhead bracket and install the washer, spring washer, and nut until hand tight.
 - Ensure the bumpstop sits on the top of the windshield. Adjust the lights and tighten the end bolts.

7. Preload the bumpstops

- Pre-load the bumpstops by putting slight upward pressure on the center of the bar, allow the rubber stops to firmly touch the windshield, not the roof of the vehicle, and tighten the M8 bolts.
- Releasing the light bar will put load on the bumpstops providing stability & strength. Pre-loading the bumpstops is an important step that gives the light bar additional support.



8. Apply silicone

- Re-tape the painted areas and add matching color silicone.
- Use a clean panel scraper or your finger to get the silicone in the gaps between the light bar bracket and the body of the vehicle.
- Smooth out the silicone before it dries with the panel scraper.
- Remove any extra silicone that may be on the vehicle or light bar bracket.

PRODUCT REGISTRATION

Thank you for becoming part of the KC family and purchasing one of our premium KC products! With over 50 years of history in the auxiliary lighting market, you have become a part of our ever growing family, and we encourage you to register your product online at [HTTP://REGISTER.KCHILITES.COM](http://register.kchilites.com) to ensure you get all the benefits of owning a KC product.