

BrawlerFab Pre-Runner Light Mount installation guide

Before you start, check the contents to ensure you have everything you need to install your light mount.

1—BrawlerFab Pre-Runner Light Mount

2—Quantity (3) 3/8x1.25" Button Head bolts

3—Quantity (4) 3/8" Threaded Rivet Nuts. You will only need 3 to install your light mount but a spare is provided just incase.

Tools needed to install your BrawlerFab Pre-Runner Light Mount.

1—Handheld Drill

2—17/32" drill bit. (you can use a 1/2" bit and ream out hole with a round file. Just be sure the rivet nut is snug in the hole)

3—Rivet Nut Installation Tool. (google "homemade rivet nut tool" for a simple work-around. Works but more difficult) 4—7/32" allen head socket

5—Torque Wrench (preferred but not required. If you don't have one, use a ratchet)

6—Light Colored Sharpie (any color marker will work)

Optional items to have.

1—Tape Measure or Ruler

2—Blue Painters Tape

3—Black Touch-up Paint



Step 1

Clean the front of your bumper and apply blue painters tape (optional) to the flat surface of your bumper where you will be mounting your BrawlerFab Pre-Runner Light Mount. Approximately 30" of tape will be needed to do this.

Step 2

Find the centerline of your bumper and draw a thin vertical line on the blue painters tape. (if you didn't use tape, you can draw this line directly on the bumper) You can find centerline by drawing an imaginary line from the middle of the "A" of RAM on your grille to the center of your license plate (or license plate mounting holes in your skid plate if you do not have a license plate installed).



Step 3

Using your tape measure or ruler, find the center of the line (approximately 1.25" from the top) and draw a horizontal line crossing the vertical centerline.



Step 4

Hold your BrawlerFab Pre-Runner Light Mount up to the bumper lining up the cross you just made in the middle hole of your mount. If you like the position of the mount in relation to the bumper, you can move onto Step 5. If you're not satisfied with the placement, redo steps 2 and 3 until you are. The center hole is the most important as it determines the final light mount placement. (both height and side to side or centered)

Step 5 ***CRITICAL STEP***

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Drill out the center hole, deburr and using your touch up paint (optional), paint the bare metal exposed from drilling the hole. Install rivet nut into the center hole (using the rivet nut installation tool). Ensure it is fully seated and the threads are straight. Too much and you risk damaging the threads. Not enough and your rivet nut may spin when torquing the mounting bolt.

Step 6

Mount your BrawlerFab Pre-Runner Light Mount using 1 bolt (snug) and ensure the bar is even with your bumper. Once you are satisfied with the position of the light mount, mark the remaining 2 holes with your sharpie and then remove the bolt and light mount.



Step 7

Drill the 2 remaining holes on the bumper, deburr, touch-up (optional) and install the rivet nuts into the holes.



Step 8

Congratulations! You are now ready to install your BrawlerFab Pre-Runner Light Mount! Install the mount with 3 mounting bolts torqued to 22-24 ft lbs. (Pro-Tip - Paint the heads of the bolts with your touch-up paint) Install your favorite lights, wire it up and you are ready to light up the night!