



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



2013-2015 DODGE RAM 2500

Z324522 / Z324522-KIT FRONT BUMPER LED LIGHT MOUNTS

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PARTS INCLUDED

- (1) Driver Side Light Mount Bracket
- (1) Passenger Side Light Mount Bracket

LED LIGHTS INCLUDED

- * APPLIES TO KIT ONLY *
- (1) 30" ZROADZ LED Light Bar

HARDWARE INCLUDED

Z324522

- (1) - Right Side LED Bumper Mount
- (1) - Left Side LED Bumper Mount
- (2) - Rubber Spacer Pads
- (2) - 1/2-13x1" Hex Bolt
- (2) - 1/2 Lock Washer
- (2) - 1/2-13 Hex Nut

Z324522-KIT

- (1) - Right Side LED Bumper Mount
- (1) - Left Side LED Bumper Mount
- (2) - Rubber Spacer Pads
- (2) - 1/2-13x1" Hex Bolt
- (2) - 1/2 Lock Washer
- (2) - 1/2-13 Hex Nut
- (1) - Torx Bit T-40
- (2) - M8 Tamper Proof Button Head Allen Cap
- Stainless Steel Bolts
- (2) - 5/16" Flat Washers Black



TOOLS REQUIRED

- Various Socket Set
- Various Wrenches
- Ratchet Tool
- Ratchet Extensions

INSTALLATION GUIDE

START HERE

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLATION. Auto makers offer varied models to each vehicle and occasionally manufacture more than one body style of the same model.

* APPLICATION MODELS VARY. WE RECOMMEND TO VERIFY FITMENT BEFORE BEGINNING INSTALLATION PROCESS.
* IMAGES FEATURED IN THE INSTRUCTION DOCUMENTS MAY NOT ALWAYS EXACTLY MATCH YOUR MODEL OR PART.

BEFORE YOU BEGIN

START HERE: Turn off engine, chalk tires with stop block, open the hood and disconnect the battery.

LED LIGHT BRACKET INSTALLATION

- STEP 1** 1) With the hood open and bumper accessible, mock up and put into place the supplied bumper LED Mounts. This will help you gain familiarity of how and where the brackets will mount onto the vehicles front bumper.

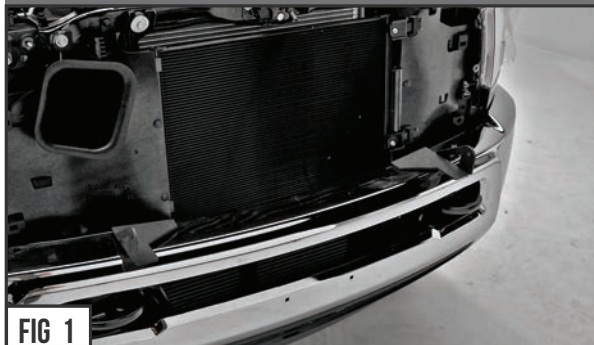


FIG 1

STEP 2

- 2) Take the supplied hardware (1/2-13x1" Hex Bolt) and fit 1 bolt into the mounting slot on each bracket.

SEE FIGURE 2



FIG 2



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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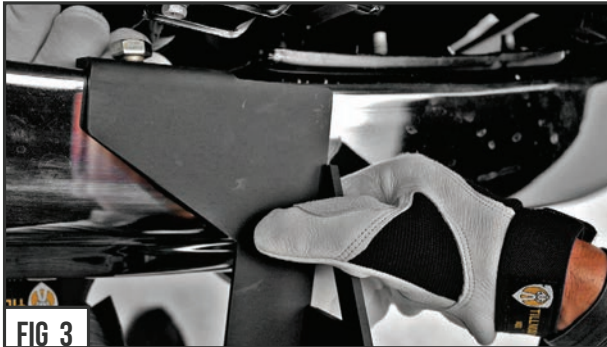


FIG 3

STEP 3

SEE FIGURES 3 & 4

3) Secure the mounting bracket to the bumper by slipping the bolt through the available mounting point on vehicle's front bumper.

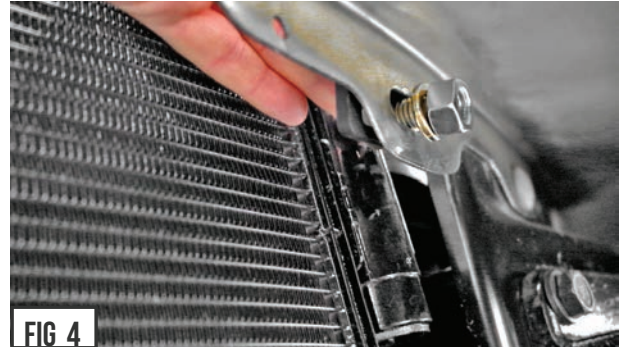


FIG 4

STEP 4

SEE FIGURES 3 & 4

4) As seen from the bottom bumper inside, screw the supplied lock washer and nut to the bolt and tighten till hand tight.

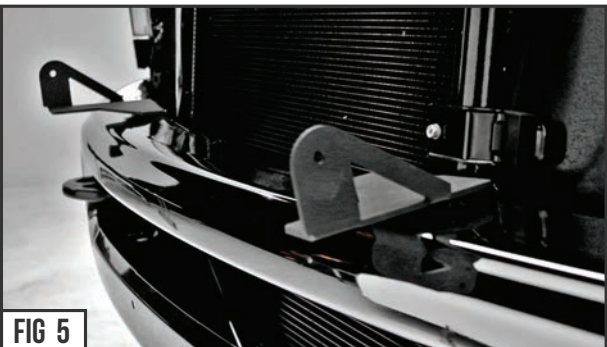


FIG 5

STEP 5

5) At this point, you will want to center the bar on the vehicle's front profile. Carefully center the brackets off of a shared vehicle feature and mirror each side precisely.

LED LIGHT BAR INSTALL



FIG 6

STEPS 6 & 7

6) Put into place the LED Light Bar and secure it to the mounting brackets with the supplied tamper proof hardware.

7) Once you are satisfied with the look and placement of your LED Light Bar and brackets go ahead and tighten everything up.



FIG 7

LED LIGHT BRACKET INSTALLATION - COMPLETE



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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FIG 8



FIG 9

STEP 8 ADJUSTMENT TIPS

8) To adjust the angle of your Light Bar, rotate the LED(s) to adjust the angles till your desired light pattern is reached. You may then tighten the hardware and also mounting bracket to hood and secure everything into place. Note your tape marker under hood to check for proper alignment. Be careful not to over tighten the mounting hardware.

It is best to adjust the angle with the vehicle on level ground with lights facing a wall, garage door or other solid barrier. We recommend checking from a distance of 25'. Your installation is now completed.



FIG 10

LED LIGHT BRACKET INSTALLATION - PROCESS COMPLETE