



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



2013-2015 DODGE RAM 2500

Z324521 / Z324521-KIT

FRONT BUMPER LED LIGHT MOUNTS

PARTS ARE PATENT PENDING. ALL RIGHTS RESERVED - COPYRIGHT ©2016 - ZROADZ LED, INC.

PARTS INCLUDED

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

LED LIGHTS INCLUDED

- * APPLIES TO KIT ONLY *
- (1) 20" ZROADZ LED Light Bar

HARDWARE INCLUDED

Z324521	Z324521-KIT
(1) - Right Side LED Bumper Mount	(1) - Right Side LED Bumper Mount
(1) - Left Side LED Bumper Mount	(1) - Left Side LED Bumper Mount
(2) - 1/4 Split Lock Washers	(2) - 1/4 Split Lock Washers
(2) - 1/4 Flat Washers	(2) - 1/4 Flat Washers
(2) - 1/4-20 Hex Nuts	(2) - 1/4-20 Hex Nuts
	(1) - Torx Bit T-40
	(2) - 5/16" Black Flat Washers
	(2) - M8 Tamper Proof Button Head Allen Cap
	Stainless Steel Bolts

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

SEE FIGURE 2

1) To access the mounting area, you will need to remove several grille components. Remove four plastic pop clips from the top of the plastic radiator cover.

Remove the radiator cover. Remove four 10mm bolts from the top of the factory grille where it attached to the core support (Fig 3).



FIG 2

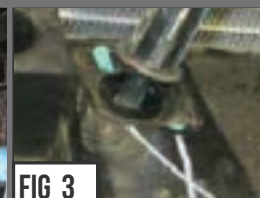


FIG 3

Pull the factory grille from the bottom corner edges up and forward, there are several clips along the bottom of the factory grille that must release. Remove



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS

LED LIGHT BRACKET INSTALLATION - CONTINUED

PARTS ARE PATENT PENDING. ALL RIGHTS RESERVED - COPYRIGHT ©2016 - ZROADZ LED, INC.

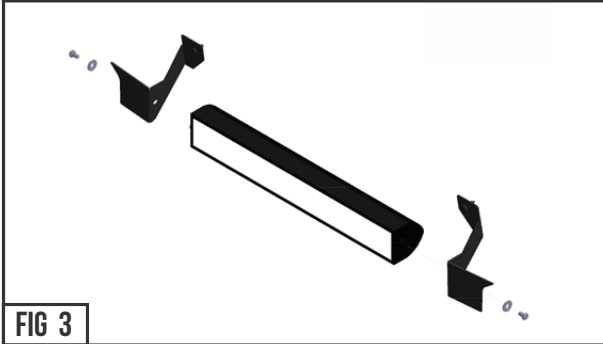


FIG 3

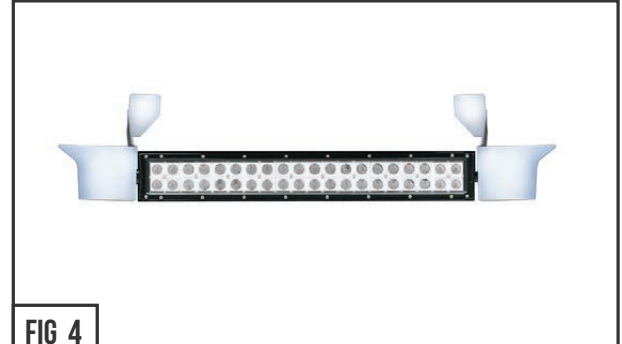


FIG 4

STEP 3

SEE FIGURES 3 & 4

3) Assemble the ZROADZ Bumper Brackets to the 20" LED Light Bar as seen in Figures #3 & #4.

STEP 4

SEE FIGURES 3 & 4

4) Screw bolt with lock washer first and and tighten till hand tight.



FIG 5

STEP 5

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

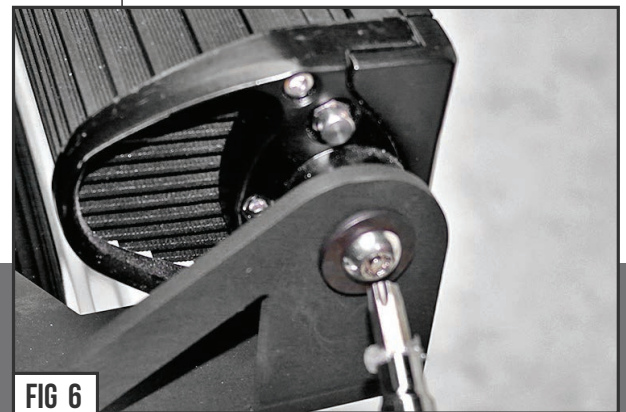


FIG 6

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.

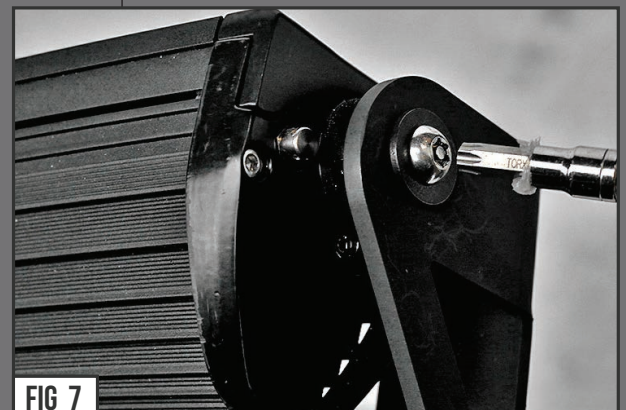


FIG 7

LED LIGHT BRACKET INSTALLATION - COMPLETE



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS

LED LIGHT BRACKET INSTALLATION - CONTINUED

PARTS ARE PATENT PENDING. ALL RIGHTS RESERVED - COPYRIGHT ©2016 - ZROADZ LED, INC.

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