



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



2014-2016 TOYOTA TUNDRA

Z329641 / Z329641-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

Z329641

- ((1) - Right Side LED Bumper Mount
- (1) - Left Side LED Bumper Mount
- (2) - Rubber Spacer Pads

Z329641-KIT

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

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 grille removed, identify the lower cross member that is secured by (6) bolts, (2) on each side, and (2) in the middle.



FIG 1

MOVE ONTO
STEP 2

STEP 2

- 2) Loosen and remove the bolts. Set aside for full Re-installation later.

SEE FIGURE 2



FIG 2

TOOLS REQUIRED

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



LED LIGHT BRACKET INSTALLATION - CONTINUED

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FIG 3

STEP 3

SEE FIGURES 3 & 4

3) You can not pull out and remove the lower cross-member bar.



FIG 4

STEP 4

SEE FIGURES 3 & 4

4) Set the lower cross-member bar aside for full Re-installation later.

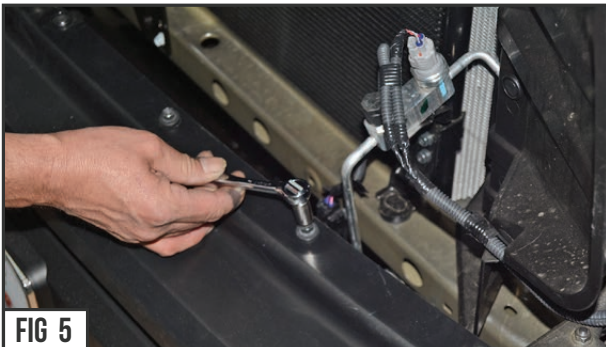


FIG 5

STEP 5

SEE FIGURES 5 - 7

5) With the Tundra's lower bumper now fully exposed, identify the (4) bolts that are planted here as seen in Image Figures 5-7.

STEP 6

6) Remove these (4) bolts and set aside for Steps 7 & 8.

CLOSE UP



FIG 6

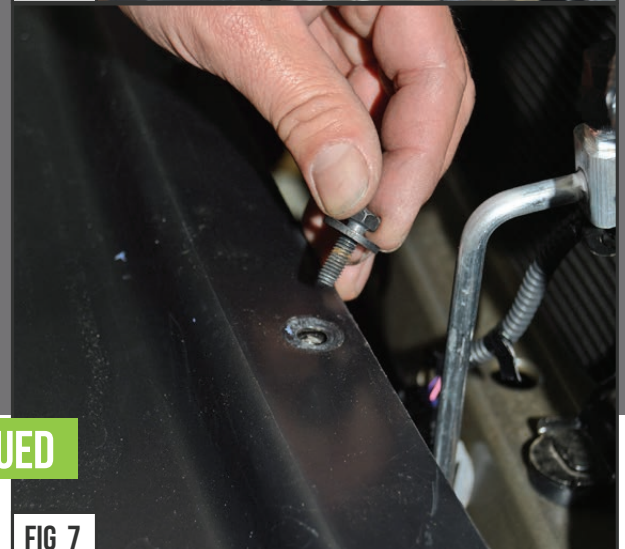


FIG 7

LED LIGHT BRACKET INSTALLATION - PROCESS CONTINUED



LED LIGHT BRACKET INSTALLATION - CONTINUED

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FIG 8



FIG 9

STEP 7

SEE FIGURE 8

7) Take your new ZROADZ's Front Bumper Mounts and identify the corresponding parts to match Driver & Passenger Side of vehicle. Put into place and mock up where your brackets will sit on the front bumper.

STEP 8

SEE FIGURE 9 & 10

8) Using the vehicle's hardware that was removed in Step 6, begin threading them down into place.

NOTE

These brackets feature slots for any needed adjustment. Leave them loose for now.



FIG 10

LED INSTALL - CLOSE UP

STEP 9

SEE FIGURES 11 & 12

9) It is now time to install your 30" LED Light Bar. Put into place and secure the LED Bar fairly snug.



FIG 11

STEP 10 ADJUSTMENT TIPS

10) 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 12

LED LIGHT BRACKET INSTALLATION - PROCESS CONTINUED



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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FIG 13

STEP 11

SEE FIGURE 13

11) At this point, you will want to center the bar on the vehicle's front profile.

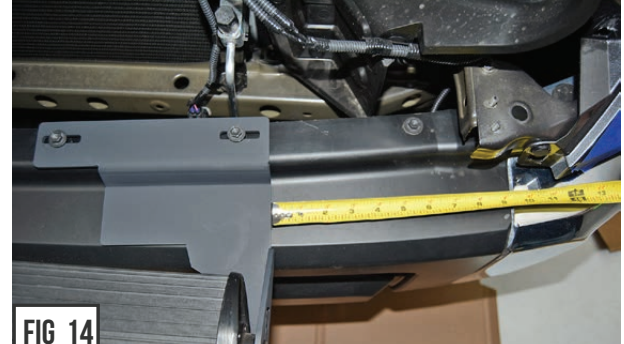


FIG 14

STEP 12

SEE FIGURE 14

12) Carefully center the brackets off of a shared vehicle feature and mirror each side precisely.

NOTE

A tape measure or some other kind of incremental instrument will help get it just right.



FIG 15

STEP 13

SEE FIGURE 15

13) Once you are satisfied with the look and placement of your LED Light Bar and brackets go ahead and tighten everything up and re-install all the removed vehicle components such as the lower cross member and front grille.

STEP 14 | ADJUSTMENT TIPS

14) 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.

FINISHED EXAMPLES



FIG 16



FIG 17



FIG 18

LED LIGHT BRACKET INSTALLATION - PROCESS COMPLETE