



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



2007 - 2016 JEEP WRANGLER

PART#: Z344821 & Z344821-Kit

NOSE MOUNTED LED LIGHT BRACKETS

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

PARTS INCLUDED

- (2) LED Mounts Brackets:
- (1) Driver Side and
- (1) Passenger Side



LED LIGHTS INCLUDED

- Z344821 - NO LED LIGHTS INCLUDED
- Z344821-Kit - (1) ZROADZ 30" LED Light Bar

HARDWARE INCLUDED

- Z344821-Kit
- (2) 5/16 x 1/2 Washers
- (1) Torx Bit (T-40)
- (2) Stainless Steel Button Head Torx Machined Screws (5/16 X 1/2)

TOOLS REQUIRED

- Cleaning Rag
- Socket Set & Ratchet
- Ratchet Extensions
- Various Wrenches
- Dikes or Snips
- Torq Bit Set
- Heat Gun

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

STEP 1

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

FIG 1



LED LIGHT BRACKET INSTALLATION

PRO TIP:
APPLY A PROTECTIVE LAYER OF 3M MASKING TAPE AROUND THE APPLICATION AREA.

STEP 2

2) Using the 1/2" wrench, remove two bolts on each front corner of vehicle. The front corner on the Jeep's passenger side is pictured.

SEE FIGURE 2



FIG 2



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

STEPS 3 & 4

SEE FIGURE 3 & 4

3) Identify the correct bracket, and with the laser cut Logo facing the outside of Jeep, place bracket holes over factory bolt holes.

4) Re-install factory bolts securing brackets to Jeep. Repeat on opposite side of vehicle.

STEP 5

SEE FIGURE 5

5) The brackets rubber stomp pad should cushion the top of the factory grille lip and underside of jeep hood.

Carefully close hood for inspection of gaps and clearance. The hood should be able to completely clear the brackets and securely latch and lock closed.

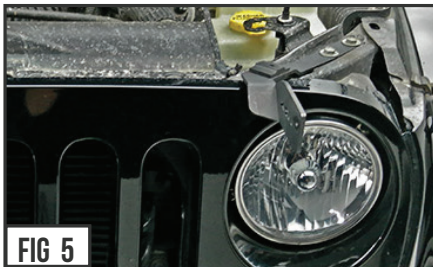


FIG 5



FIG 6

STEP 6

SEE FIGURE 6

6) Mount (1) LED Light Bar with the supplied hardware. For Now, tighten mounting bolts. Installation complete.

STEP 7

7) ZROADZ recommends LED Lights be wired with ZROADZ harness kit (part# Z390020S-A) or by utilizing a compatible custom wiring harness. Wiring must be installed by competent & knowledgeable automotive electrician.

LED LIGHT BAR INSTALLATION



FIG 7



FIG 8

STEPS 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. There will be minimal adjustment due to curved light bar orientation. You may than tighten the hardware and secure everything in place. 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 9

LED LIGHT BRACKET INSTALLATION - PROCESS COMPLETE