



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



2007 - 2015 JEEP WRANGLER

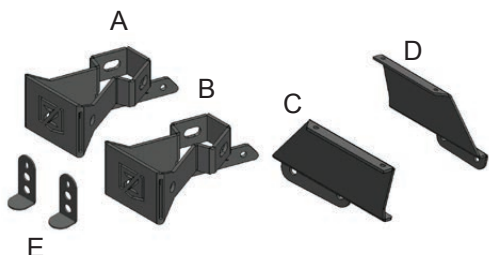
PART#: **Z344813-KIT**

HOOD HINGE LED LIGHT MOUNTS

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PARTS INCLUDED

- A - (1) ZROADZ LED Combo Left Bracket
- B - (1) ZROADZ LED Combo Right Bracket
- C - (1) ZROADZ Left Side Base Mount
- D - (1) ZROADZ Right Side Base Mount
- E - (2) ZROADZ LED Bracket Legs



LED LIGHTS INCLUDED

- Z344813-KIT** - (1) ZROADZ 20" LED Light Bar
- (2) ZROADZ 6" LED Light Bars

HARDWARE INCLUDED

Z344813-KIT

- (4) - M8 x 35 MM Button Head Allen Cap Screws
- (4) - M6 x 20 MM Cap Bolts
- (8) - 1/4" Black Flat Washers
- (4) - 1/4" Nylon Lock Nuts
- (4) - 10-32 x 1/2" Button Head Screws
- (4) - 10-32 Nylon Nuts

TOOLS REQUIRED

- Socket Set & Ratchet
- Ratchet Extensions
- 7/16 Open Ended Wrench
- 10 MM Open Ended Wrench
- 11 MM Open Ended Wrench
- Various Wrenches
- Allen Key Set

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

LED LIGHT BRACKET INSTALLATION

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

STEP 1 1) Layout and organize the provided parts.



FIG 1

PRO TIP:

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

STEP 2

2) Assemble the ZROADZ Base Mounts (C & D) with the ZROADZ Combo Brackets (A & B). Parts can only be assembled one way. Use the (4) - 10-32 x 1/2" Button Head Screws and the (4) - 10-32 Nylon Nuts.

STEP 3

3) Fit the 20" ZROADZ LED Light Bar to the now assembled ZROADZ Brackets. Use (2) - 1/4" Nylon Lock Nuts and (2) - 1/4" Nylon Lock Nuts.



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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FIG 3

STEP 3

SEE FIGURE 3 & 4

3) Remove the Vehicle's factory bolts from the Hood Hinge Mounts and set aside to be used shortly.



FIG 4

STEP 4

4) With the LED Light and Bracket Mounts assembled and facing towards the front, carefully move brackets into position and align with the recently exposed factory bolt holes. Secure brackets to Vehicle Hood with the supplied (4) - M8 x 35 MM Button Head Allen Cap Screws. Repeat on other side.



FIG 5

FIG 6

SEE FIGURES 5 & 6

STEP 5

SEE FIGURE 7

5) Go ahead and use a Allen Key to tighten these screws and secure the ZROADZ Mounting Brackets to the Hood.



FIG 7

STEP 6

SEE FIGURE 8 & 9

6) It is now time to assemble the (2) 6" LED Lights to the ZROADZ Bracket fixture. Note this is to be done on the Jeep. Do this one side at a time by propping up the LED and using the supplied (2) - 1/4" Nylon Lock Nuts and (2) - 1/4" Nylon Lock Nuts. Tighten down with an open ended wrench.



FIG 8



FIG 9

LED LIGHT BRACKET INSTALLATION - CONTINUED

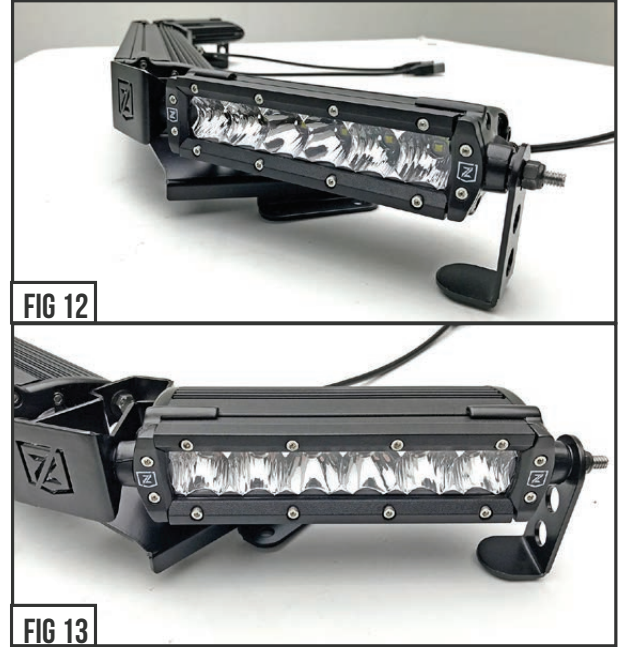


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LED LIGHT BRACKET INSTALLATION - CONTINUED

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STEP 7

SEE FIGURE 10 & 11

7) ZROADZ recommends to tighten down the LED Light Bar from the primary front mount but also to tighten down from the rear mount. Use the supplied (4) - M6 x 20 MM Cap Bolts and the (4) - 1/4" Black Flat Washers. Use an open ended wrench.

STEP 8

SEE FIGURE 5

4) With the LED Lights and Bracket Mounts assembled, take the (2) ZROADZ LED Bracket Legs (Parts E). Carefully remove the mylar cover to expose the double sided tape.

Slip the Bracket Leg on the outside 6" LED Light Mounts and tighten down with the supplied hardware.

STEP 9

9) 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.

STEPS 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. There will be minimal adjustment due to curved light bar orientation. You may then 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.

FINISHED EXAMPLES



LED LIGHT BRACKET INSTALLATION - PROCESS COMPLETE