



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



PROFESSIONAL INSTALL RECOMMENDED

2019-2021 JEEP WRANGLER JL

PART#: Z364941 / Z364941-KIT2

LOWER A-PILLAR LED LIGHT MOUNTS

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PARTS INCLUDED

- (1) Driver Side Mounting Bracket
- (1) Passenger Side. Mounting Bracket

LED LIGHTS INCLUDED

Z364941 - No LED Lights Included
Z364941-KIT2 - (2) 3" LED Light Pods

HARDWARE INCLUDED

- (2) - M6 x 1mm Black Hex Round Screws
- (2) - 1/4" Black Flat Washers
- (2) - .750" x .75" Aluminum Spacers
- (2) - M8 x 20mm Hex Head Cap Screws
- (2) - M8 Split Lock Washers
- (2) - Stainless Steel M8 Hex Nuts
- (1) - Double Terminal Power Cable Wiring Harness

TOOLS REQUIRED

- Air Hose & Nozzle
- Alcohol Cleaning Solution
- Cleaning Rag
- Socket Set & Ratchet Tool
- 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

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

FIG 1



LED LIGHT BRACKET INSTALLATION

STEP 1

1) Layout and organize all the provided parts.

PRO TIP:

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

STEP 2

2) Remove the Vehicle's A-Pillar Fender / Cowl Cover Panel as seen in Figure #2.

SEE FIGURE 2



FIG 2



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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STEPS 3 - 5

SEE FIGURES 3 & 4

3) With the Screws removed, you should now be able to remove the Vehicle's A-Pillar Fender / Cowl Cover Panel. Plumb the LED Light Pods power harness through and behind fender / hood. It is recommended and designed to hide the Power Wire and route it to through to the engine compartment.

4) Put the Vehicle's A-Pillar Fender / Cowl Cover Panel back into place but do not secure with screws at this point.

5) Remove Hood Hinge Bolt.



STEPS 6 & 7

SEE FIGURES 5 & 6

- 6) Remove JEEP A-Pillar Screw, only the one near Hood Hinge and put into place the provided black Aluminum spacer as seen in Figure #5.
7) Put into place the ZROADZ Mounting Bracket. Secure it into position by inserting the Hood Hinge Screw as seen in Figure #6.



STEP 8

SEE FIGURES 7 - 9

- 8) Install and secure LED Light Pods to the ZROADZ A-Pillar Mounting Brackets using the provided LED Light Pod Hardware.

M8 x 20mm Bolts - M8 Lock Washers - M8 Hex Nuts

LED LIGHT BRACKET INSTALLATION - CONTINUED



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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STEP 9

SEE FIGURES 10 & 11

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.

Connect Harness to the battery and secure the cables.



FIG 10

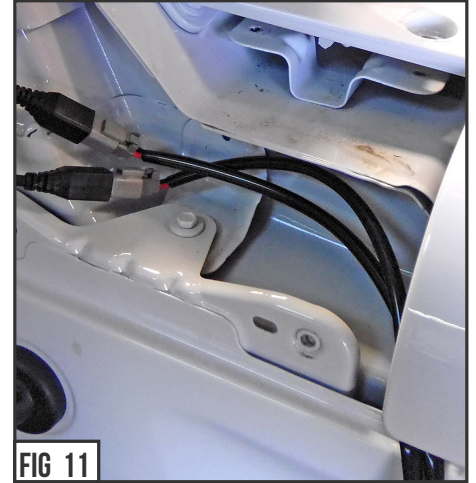


FIG 11

FINISHED INTALL EXAMPLES

STEP 10

10) Go over and tighten all hardware. Secure all LED Light Power Wires and connect harness.



FIG 17

STEP 11

ADJUSTMENT TIPS

11) 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 into 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 18



FIG 19

LED LIGHT BRACKET INSTALLATION - PROCESS COMPLETE