



ZROADZ

DYNAMIC LED MOUNTING SOLUTIONS



2020 FORD RANGER

PART #: Z365821 / Z365821-KIT2

HOOD HINGE / DITCH LIGHT / A-PILLAR LED LIGHT MOUNTS

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PARTS INCLUDED

- (1) Driver Side Light Mount Hood Hinge / A-Pillar Bracket
- (1) Passenger Side Light Mount Hood Hinge / A-Pillar Bracket

LED LIGHTS INCLUDED

Z365821 - No LED Lights Included.

Z365821-KIT2 - (2) 3" ZROADZ LED Light Pods

* LED Lights include a separate hardware kit.

HARDWARE INCLUDED

Z365821

- (1) - Bracket - L
- (1) - Bracket - R

Z365821-KIT2

- (2) - M8 - 1.25 x 20 Stainless Steel Hex Bolt
- (2) - M8 Stainless Steel Nuts
- (2) - M8 Stainless Steel Lock Washers
- (1) - Bracket - L
- (1) - Bracket - R

TOOLS REQUIRED

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

INSTALLATION GUIDE

BEFORE YOU BEGIN

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) Begin by marking the relation between the hinge and hood. Use a piece of tape so you can reference & ensure proper hood alignment when installation is complete.



FIG 1

STEP 2

2) Loosen the two bolts securing the hood hinge to the under belly of hood.

Do not remove hardware. Only back out threads a few turns.

SEE FIGURE 2



FIG 2



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LED LIGHT BRACKET INSTALLATION - CONTINUED

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FIG 3



FIG 4

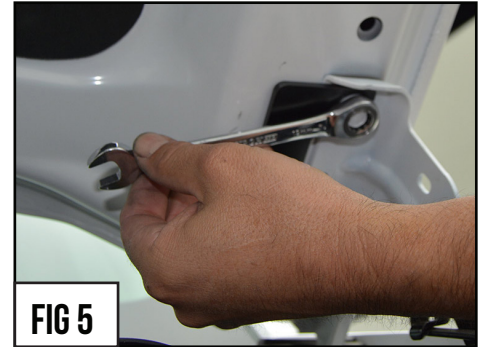


FIG 5

STEP 3

3) Secure ZROADZ bracket to hood hinge with factory bolts by sliding LED Mounts into place.

Make sure the brackets are on the bottom side of hinge and NOT inbetween hinge and hood.Repeat on opposite side of vehicle.

STEP 4

4) Mount LED Lights onto each of the brackets. For Now, Hand tighten mounting bolts.

SEE FIGURE 4

INSTALLERS TIP

You may consider mounting Light Pod onto bracket first, and then slide into position from cab side.

STEP 5

SEE FIGURE 6

5) Using your best judgement, move the adjustable bracket piece into your preferred position, and finally tighten everything up for now. Look over your work and verify that the correct bracket has been mounted on the appropriate side of vehicle.

Put into place the LED Light and position into the light cradle.



FIG 6

STEP 6

6) Wire LED Light with a ZROADZ optional wiring harness kit (part# Z390020D-25A) or by utilizing a compatible custom wiring harness. ZROADZ recommends LED Lights be wired with ZROADZ harness kit (part# Z390020D-25A).

STEP 6

6) 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 than tighten the hardware and also mounting bracket 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.

FINISHED EXAMPLES



FIG 7

LED LIGHT BRACKET INSTALLATION - COMPLETE