

AC6507701NA

2022-UP INEOS GRENADIER

RAGO DITCH LIGHTS



TOOLS REQUIRED

- T25, T27, T30 Torx
- Drill
- 25/64 Drill Bit
- Rivet Nut Tool
- Plastic Pry Tool
- Flat head Screwdriver
- Razor Blade

SKILL LEVEL

- Easy

TIME REQUIRED

- Approximately 45 Minutes

WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

-BEFORE YOU INSTALL THIS KIT-

Read and understand all instructions, warnings, cautions, & notes contained in this installation instruction guide. Consult your vehicle owner's manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.

Customer Service: 830-896-7571
Rago Fabrication is **not** responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components.

We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the

performance of these components and the safety of the vehicle. Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information:

1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

***ALWAYS WEAR EYE PROTECTION
WHEN OPERATING POWER TOOLS***

HARDWARE

A.



1/4-20 X 5/16" BUTTON HEAD BOLT

QTY: 2

A1.



1/4-20 X 3/4" BUTTON HEAD BOLT

QTY: 4

A2.



1/4" FLAT WASHER

QTY: 6

A3.



1/4-20" NYLON JAM NUT

QTY: 2

B.



1/4-20" RIVET NUT

QTY: 4

C.



RUBBER GROMMET

QTY: 2

Reference this page throughout the install



□ STEP 1

To remove the front door panel use a (T27 Torx) to remove the bolt indicated below.



□ STEP 2

Remove the bolt indicated below using a (T27 Torx).



□ STEP 3

Using a small screwdriver pry the plastic cover off behind the door handle. Then remove bolt shown below using a (T27 Torx).



□ STEP 4

Remove the cover panels by pulling outward from the front edge and slowly work to the back of the door panel.



STEP 5

With the cover panel removed locate the (3) bolts indicated below and remove using a (T27 Torx).



□ STEP 6

With all bolts removed use a plastic pry tool to slowly release the retaining clips on the perimeter of the door panel.

(USE CAUTION TO NOT BREAK ANY CLIPS)



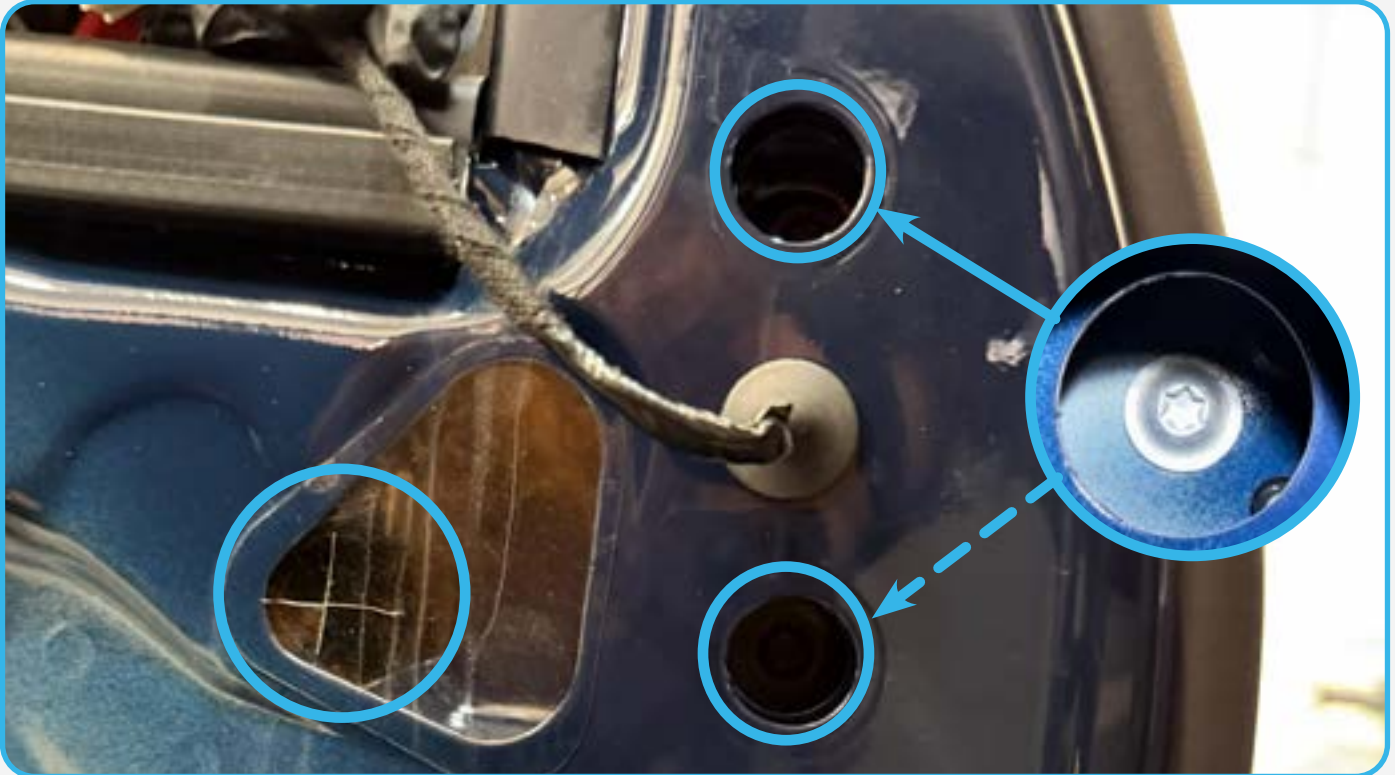
□ STEP 7

With the plastic retaining clips released pull the bottom of the door panel out and then upwards to release the door panel. Then release all of the electrical connectors indicated below.



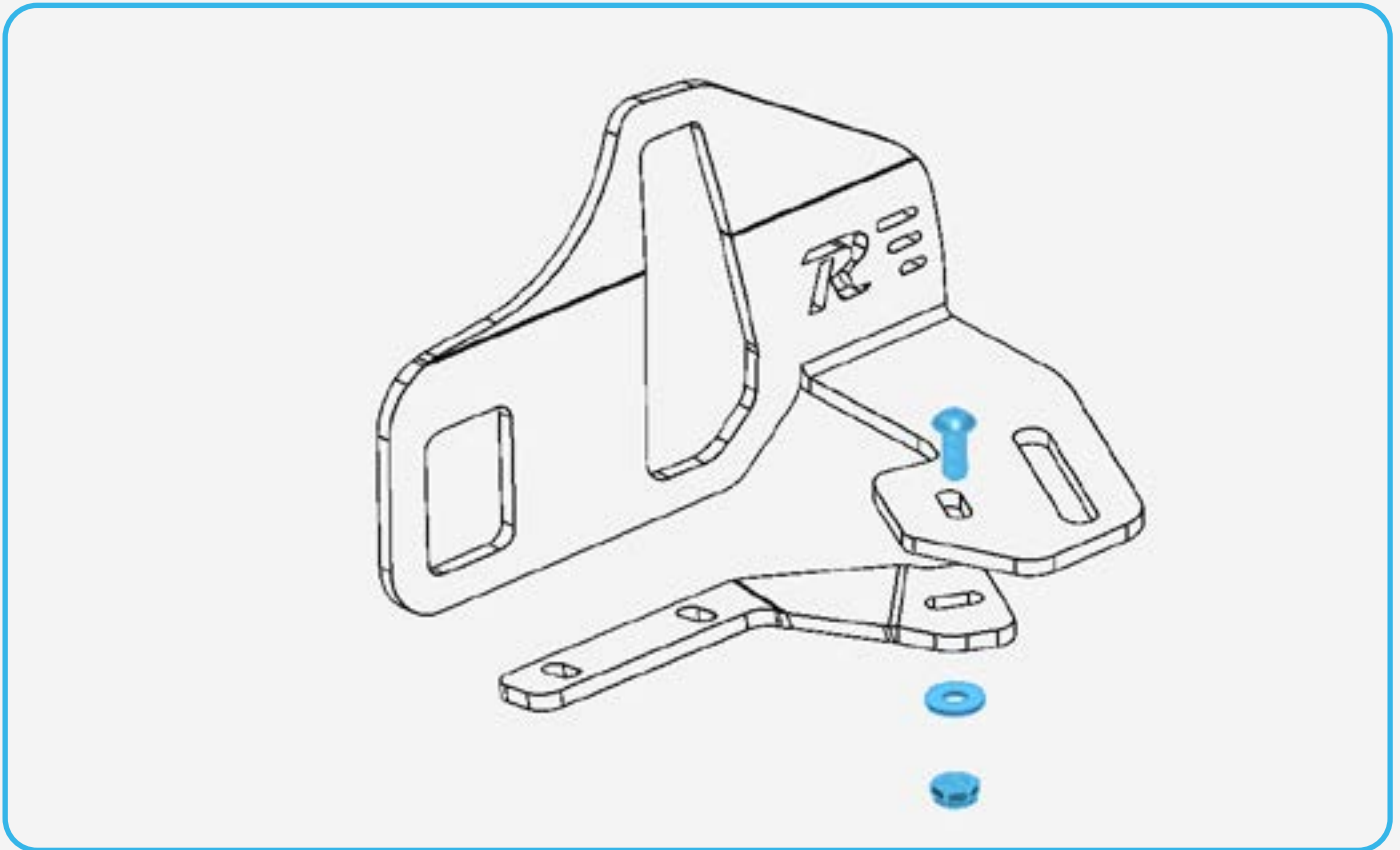
□ STEP 8

Using a razor blade remove the plastic covers indicated below. Then use a (T30 Torx) to remove the (3) mounting bolts, support the mirror when removing the bolts. Then pass the wire harness through the rubber grommet and remove the mirror from the vehicle.



□ STEP 9

Loosely install the lower support bracket to the ditch light brack using the provided [A, A2, A3] 1/4" hardware and a [5/32 allen] and a [7/16 wrench].



□ STEP 10

Use a flat head screwdriver remove the small plastic cover as shown below. Align the lower support bracket on the edge of the mirror as shown below and mark the mounting holes.



□ STEP 11

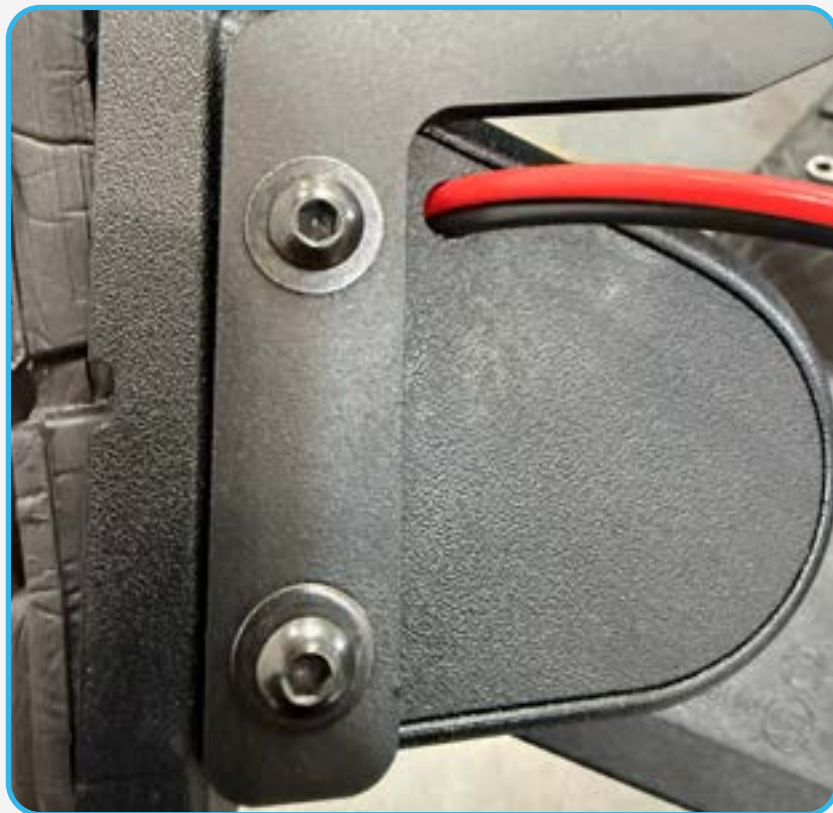
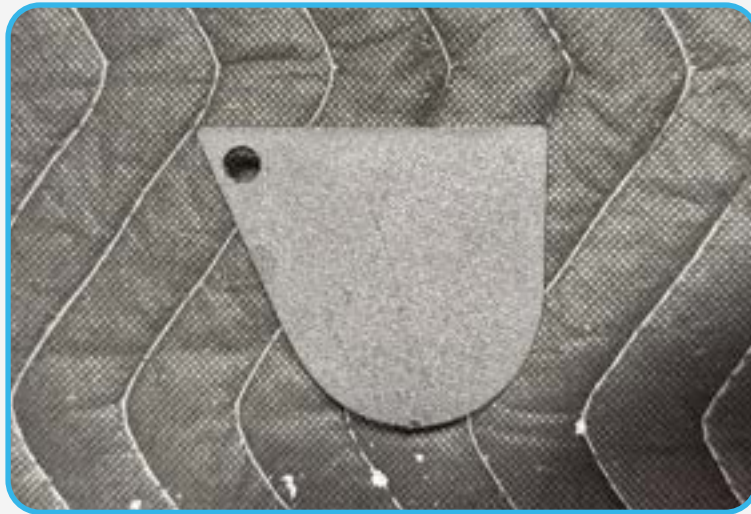
Use a 25/64 drill bit to drill the holes marked in **step 10**. Then use a rivet nut installation tool to install the provided (B) 1/4-20 rivet nuts. Once installed use a (5/32 allen) to install the provided (A1) 1/4" hardware.

(Apply blue loctite to all hardware)



□ STEP 12

With the bottom cover panel removed, determine the thickness of your wires and drill a hole that matches the diameter. You can now reinstall the plastic cover.



STEP 13

Insert the provided (C) rubber grommet into the pass through indicated below. Run your mirror wire harness and the wiring for your ditch through the rubber grommet.



□ STEP 14

With bottom support bracket installed and the ditch light bracket placed inbetween the mirror and the truck, reinstall the mirror with the OE bolts removed in **step 8**.
(Ensure all wires are clear and the pass through.)



**REPEAT STEPS 1-8 IN REVERSE
ORDER TO PUT THE DOOR PANEL
BACK TOGETHER**



STEP 15

Install the optioned light of your choice using the hardware provided with the light.



STEP 16

Stand back and enjoy your new RAGO Ditch Light.

Check and re-tighten all mounting bolts after 100 miles and periodically thereafter.

