

I-Line Lighted Mirror Caps For 2021+ Bronco





I-Line Lighted Mirror Caps For 2021+ Bronco

Congratulations on the purchase of your Lighted Mirror Caps, and thank you for choosing IAG Off Road! These instructions are intended for users with basic mechanical skills. Professional installation is not required.

Installation video can be found on our website, or at the following link:
<https://www.youtube.com/watch?v=0XFLlvOypo0>



- 1** Lighted Mirror Caps
- 2** Pry Tool
- 3** (X2) Headlight Adapter Harness
- 4** Ignition Harness
(Passenger Side)
- 5** (X2) Extension Harness
- 6** Ignition Harness
(Driver Side Fused End)
- 7** Zip ties

Tools needed: 10mm socket, Torx 25 socket, trim pry tool, pocket screwdriver



Step 1

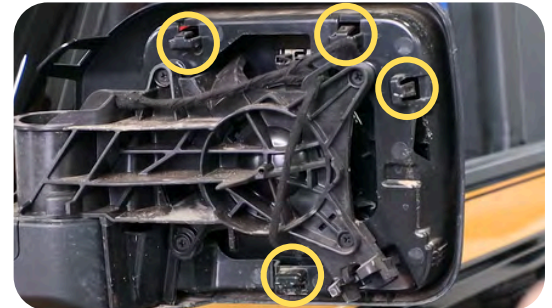
Using the provided pry tool, insert the tool into the bottom corner of the mirror cap. Carefully pry the cap away from the mirror.

Work the pry tool around the edges of the mirror cap.



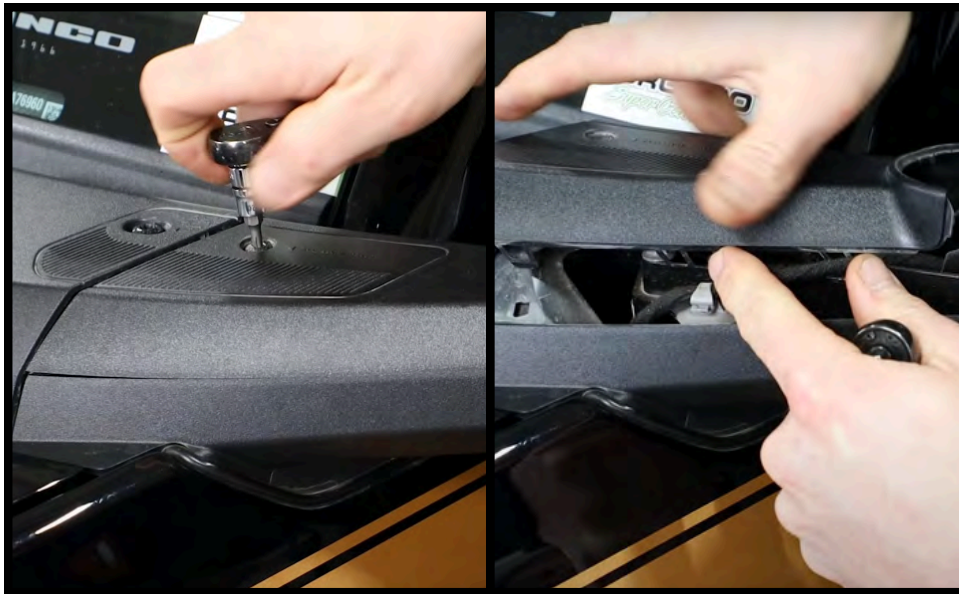
Step 1 pt. 2

Using a pocket screw driver, disengage the four tabs of the mirror cap.



Step 1 pt. 3

Remove the mirror cap.



Step 2

Using a Torx 25 socket, remove the bolt from the top mirror cover.

Remove the mirror cover by carefully prying it up.



Step 3

Pop the hood.



Step 4

Using a 10mm socket, disconnect the negative battery terminal.

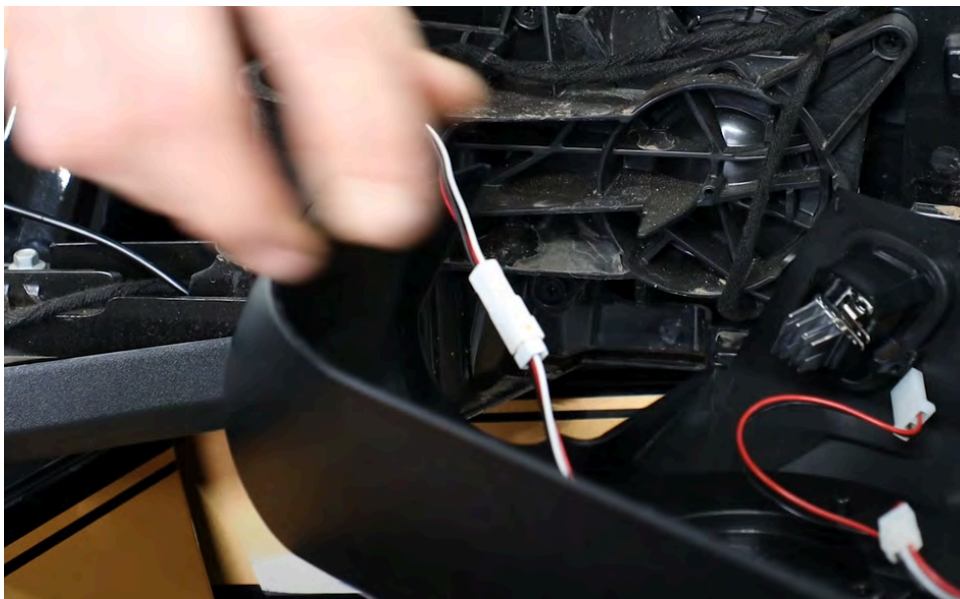
Place a rag between the battery and terminal to prevent contact.



Step 5

Prepare the Extension Harness.

Route the harness through the mirror as shown.



Step 6

Prepare the driver side Lighted Mirror Cap.

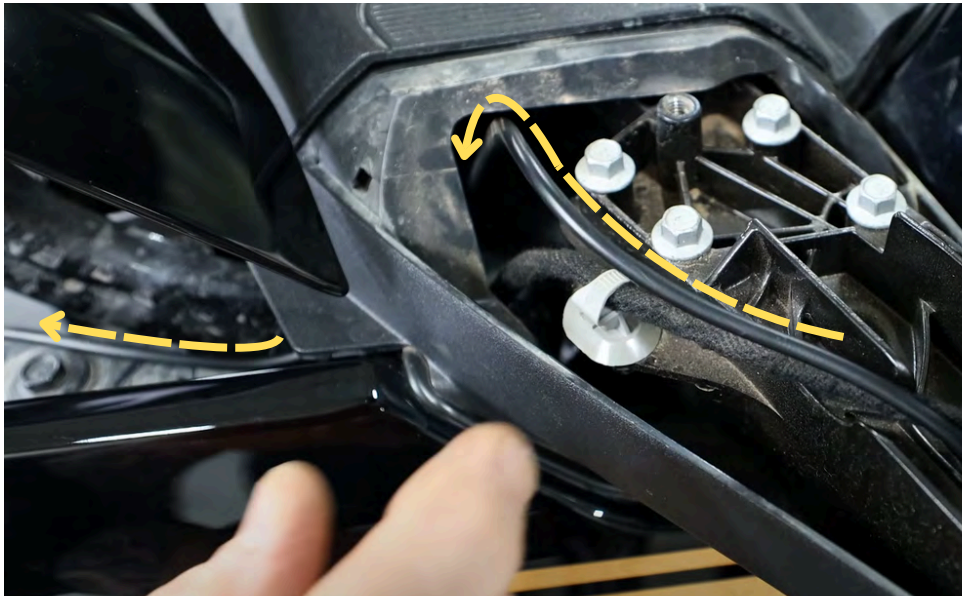
Connect the cap to the Extension Harness.



Step 7

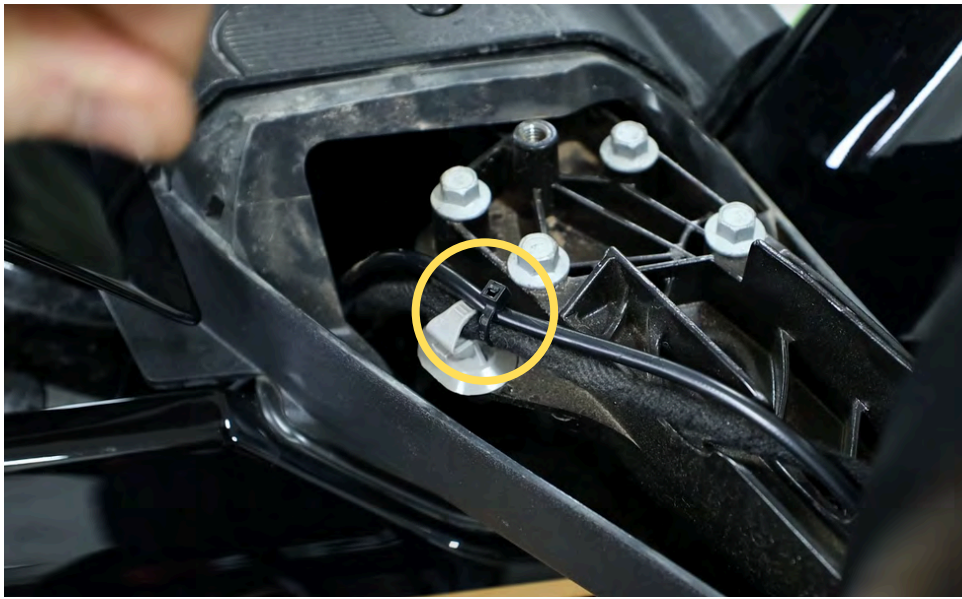
Install the mirror cap onto the mirror.

Using even pressure, push the cap onto the mirror until it snaps into place.



Step 8

Route the wiring harness underneath the cowl, and into the engine bay as shown.



Step 9

Install a zip tie to secure the harness.

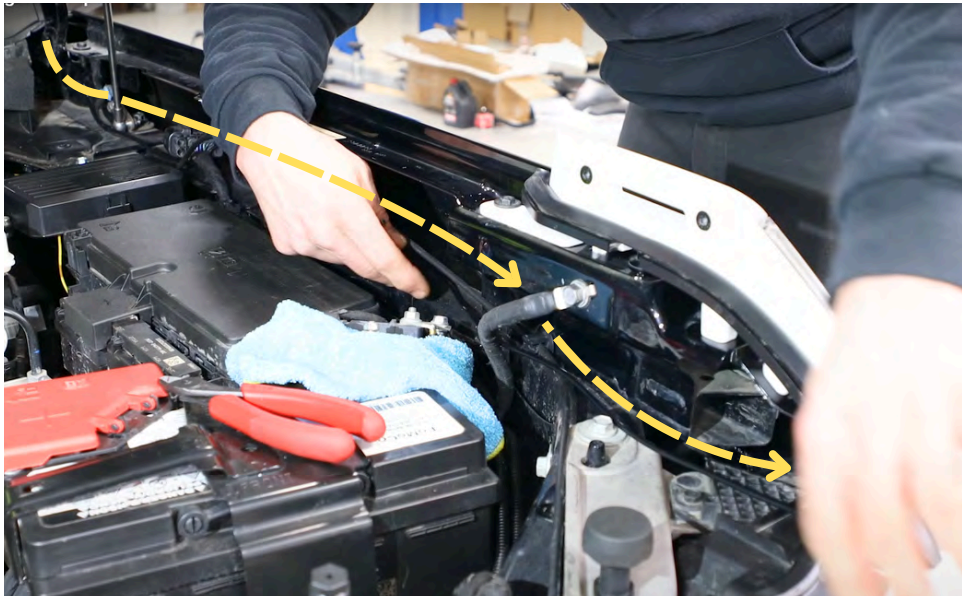
Trim excess zip tie.

7



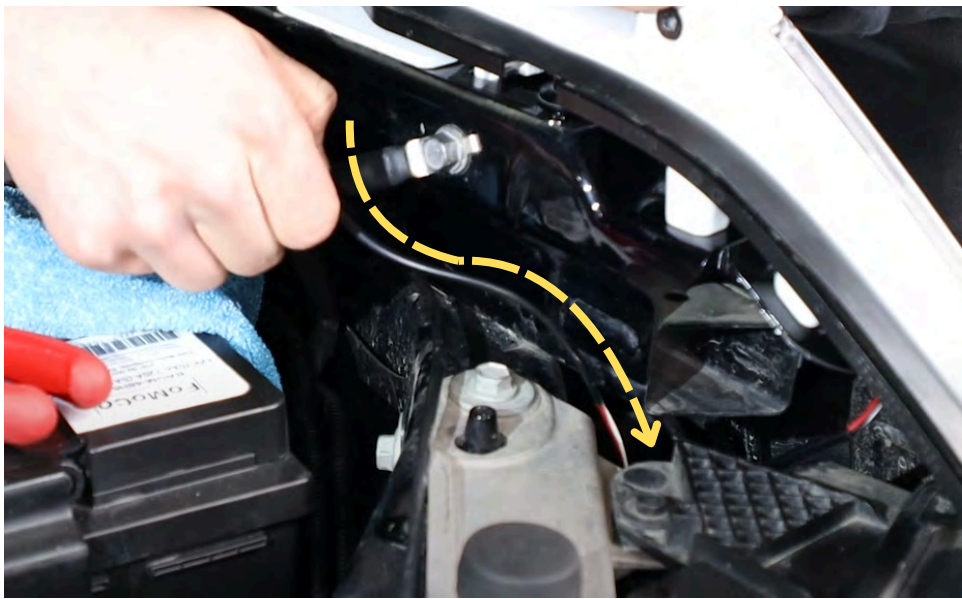
Step 10

Reinstall the top mirror cover.



Step 11

Route the harness towards the front of the vehicle as shown.



Step 11 pt. 2

Continue routing the harness behind the headlight.



Step 9

Partially remove the fender liner.

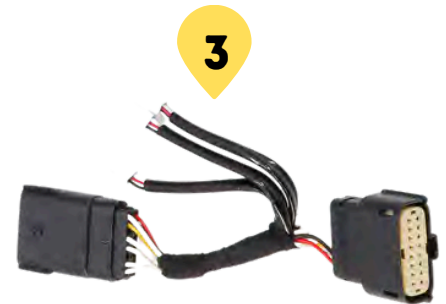
Locate the connector on the back of the headlight.

Depress tab on the headlight connector and remove.



Step 13

Install the provided Headlight Adapter Harness onto the headlight.



Step 14

Install the factory headlight connector onto the Adapter Harness.



Step 14 pt. 2

Locate the Extension Harness.

Notice: Headlight Adapter Harness Compatibility



Compatible with
up to three
accessory lights!

The Headlight Adapter Harness comes with three small electrical connectors. These are provisions for additional lighting equipment and may not be used.

If you are only installing IAG-BDY-F3178 Side Mirror Lighted Caps, only one of these connectors will be used per side.

If you are also installing IAG-BDY-F3168 Trail Marker Lights, these can be plugged into the additional connectors.

Lighted Mirror Cap Light Activation

Option 1:

If you wish for your Lighted Mirror Caps to turn on with the headlights, continue to step 15 Option 1.



Option 2:

If you wish for your Lighted Mirror Caps to turn on with the ignition (Always On), skip to step 15 Option 2.





Step 15 Option 1

For Lighted Mirror Caps to operate with the headlights.

Connect the Extension Harness to the Headlight Adapter Harness.



Step 15

Reinstall the fender liner.



Repeat

Repeat process for other side.



Step 15 Option 2

For Lighted Mirror Caps to operate with ignition, follow these steps.



Step 15

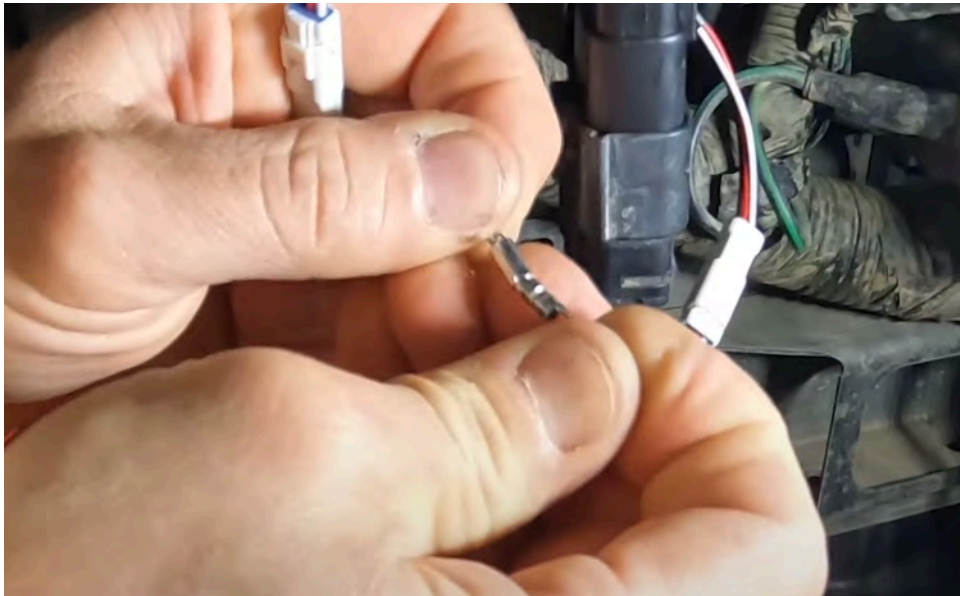
Prepare the Driver Side Ignition Harness. (Fused End)

Connect the Ignition Harness into the Headlight Adapter Harness.



Step 15 pt. 2

Connect the Ignition Harness to the Extension Harness.



Step 16

Prepare the Passenger Side Ignition Harness.

Connect the Bullet connectors of the Ignition Harnesses together, and slide insulator on the connection.

4

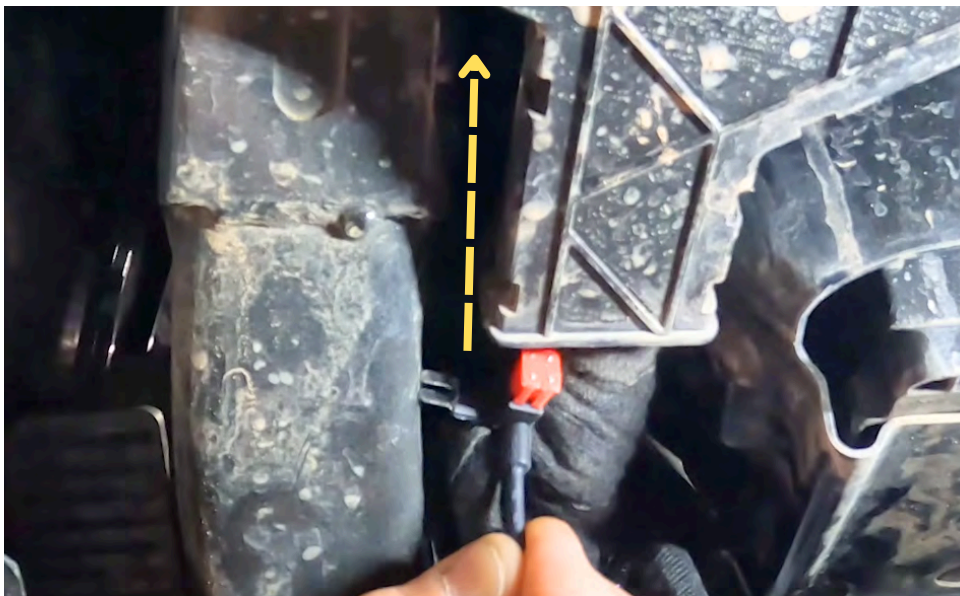


Step 17

Route the passenger side Ignition Harness toward the passenger side.

Route the wiring along the front of the vehicle, in front of the intercooler.

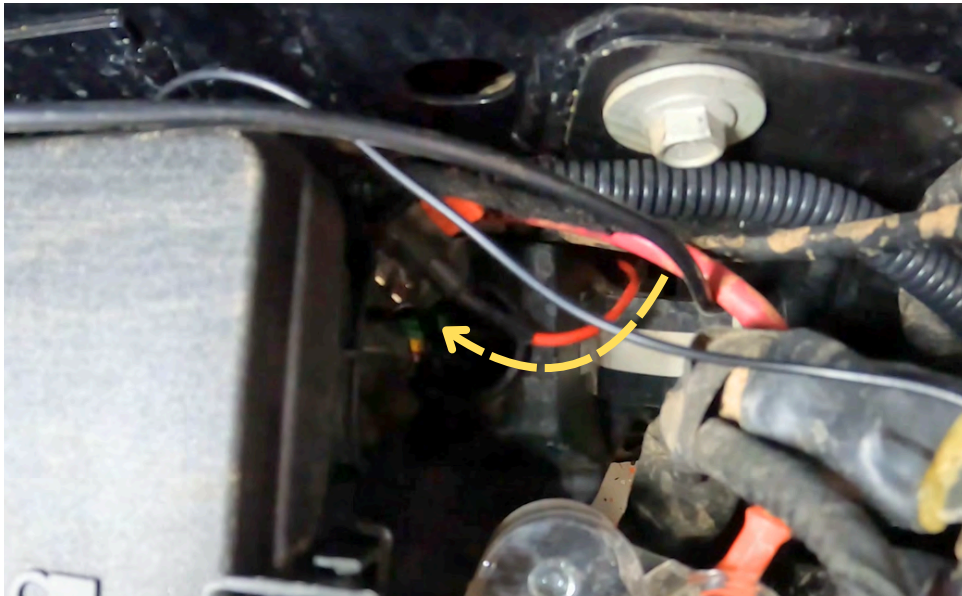
Tuck the wires away to prevent them from hanging.



Step 18

From the driver fender well, route the fused end of the Ignition Harness as shown.

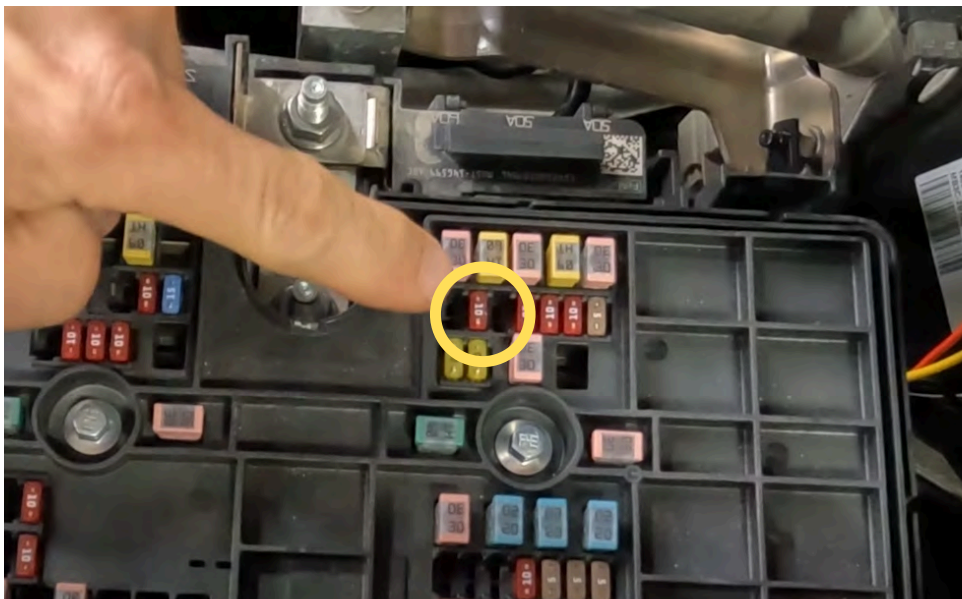
Push the fused end of the Ignition Harness up between the battery and the frame.



Step 19

From the engine bay, route the Ignition Harness as shown.

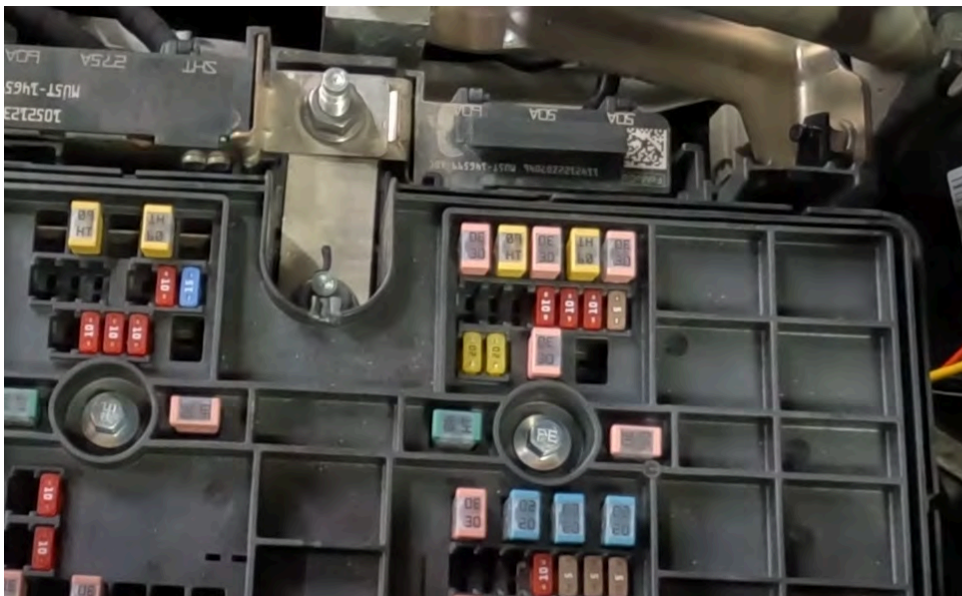
Pull the fused end up towards the fuse box.



Step 20

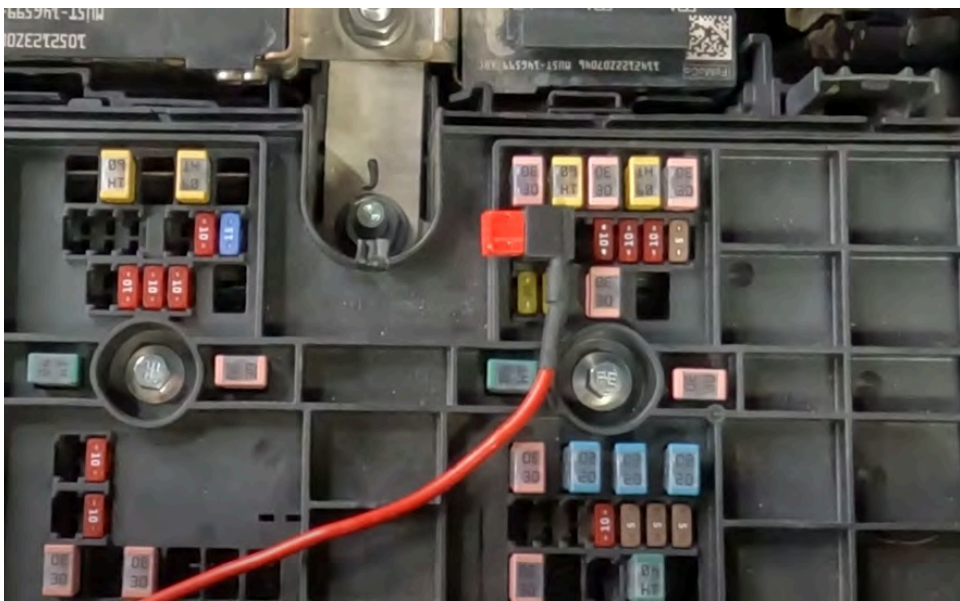
Remove the fuse box cover.

Locate the 10amp fuse as shown.



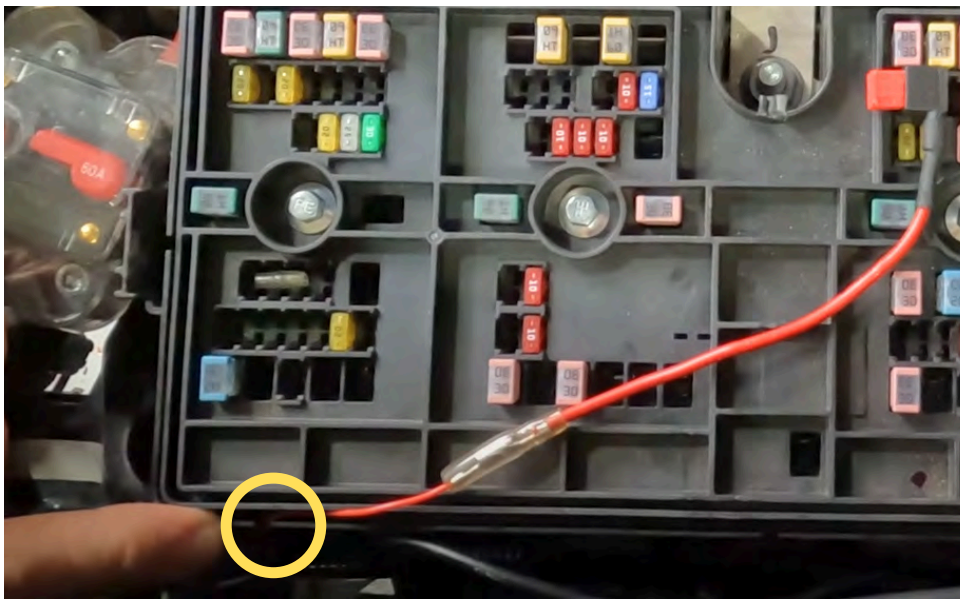
Step 21

Remove the fuse



Step 22

Install the fused wire end into the fuse slot.



Step 23

Route the ignition harness wiring through the notch in the fuse box as shown.



Step 24

Reinstall the fuse box cover.



Repeat

Repeat the Installation for the Lighted Mirror Cap on the other side, and connect the Ignition Harness.

Reinstall fender liner, and reconnect battery.



If you have any questions about the product or install please reach out to support@iagoffroad.com or call 410-840-3555