

IAG I-Line Trail Marker Lights

For 2021+ Bronco





IAG-BDY-F3168 IAG I-Line Trail Marker Lights For 2021+ Bronco

Congratulations on the purchase of your Trail Marker Lights, 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 at the following link:
<https://www.youtube.com/watch?v=mtKiF8WvIXs>



Tools needed: Torx 30 Wrench, Torx 30 Socket, 10mm Socket, small pry tool



Step 1

Remove the two TORX 30 bolts and nuts from the driver side factory Trail Marker.



Step 2

Remove the two 10mm nuts from the bottom of the Trail Marker.



Step 3

Remove the 10mm bolt from the top of the Trail Marker.



Step 4

Remove the Trail Marker from the vehicle.



Step 5

Remove the weather stripping from the Trail Marker.
Pry up on the tabs of the weather stripping using a small pry tool.



Step 5 pt. 2



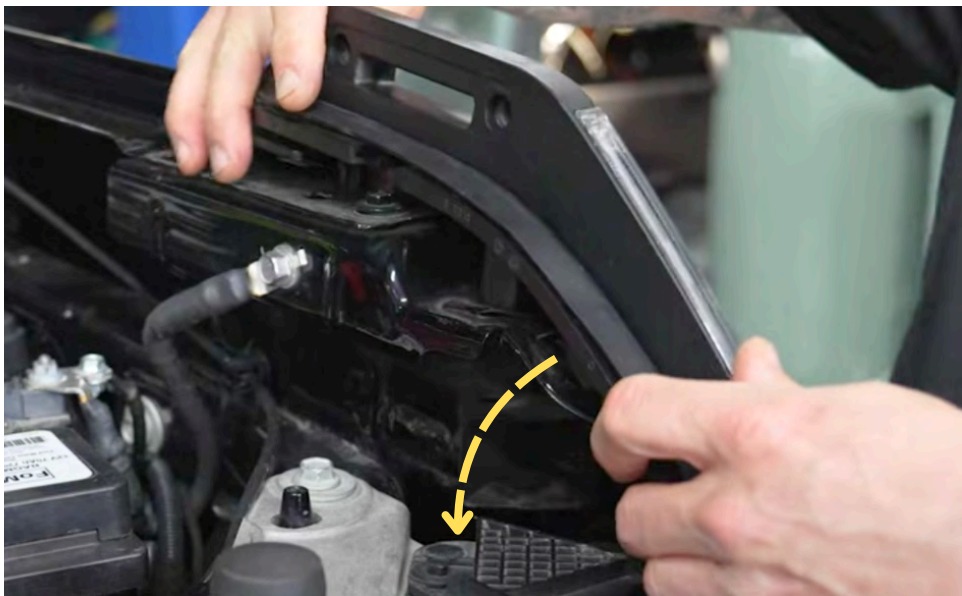
Step 6

Install the weather strip onto the new driver side Trail Marker Light.

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Step 6 pt. 2



Step 7

Install new Trail Marker Light onto vehicle.

Route the wiring behind the headlight towards the bottom of the vehicle.



Step 8

Install two provided 10mm bolts into the bottom of the Trail Marker Light.

Do not tighten.



Step 9

Reinstall the factory 10mm bolt.

Do not tighten.



Step 10

Once the three 10mm bolts are started, tighten the three bolts until snug.



Step 11

Partially remove the fender liner.

Locate the connector on the back of the headlight.

Depress tab on the headlight connector and remove.



Step 12

Install the provided Headlight Adapter Harness onto the headlight.



Step 13

Install the factory headlight connector onto the Adapter 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-F3168 Trail Marker Lights, only one of these connectors will be used per side.

If you are also installing IAG-BDY-F3178 Side Mirror Lighted Caps, these can be plugged into the additional connectors.

Trail Marker Light Activation

Option 1:

If you wish for your Trail Marker Lights to turn on with the headlights, continue to the step 14 Option 1.



Option 2:

If you wish for your Trail Marker Lights to turn on with the ignition (Always On), skip to step 14 Option 2.





Step 14 **Option 1**

For Trail Marker Lights to operate with the headlights.

Connect the Trail Marker Light to the adapter harness.



Step 14 pt. 2

Reinstall the fender liner.



Repeat

Repeat process for other side.



Step 14 **Option 2**

For Trail Marker Lights to operate with ignition, follow these steps.



Step 14

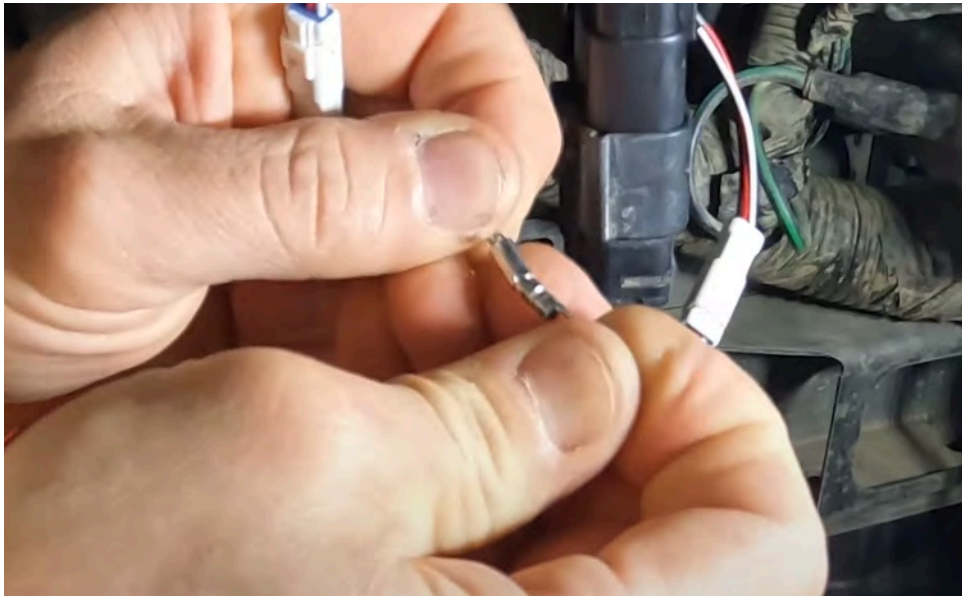
Prepare the Driver Side Ignition Harness. (Fused End)

Connect the Ignition Harness into the Headlight Adapter Harness.



Step 14 pt. 2

Connect the Ignition Harness to the Trail Marker Light.

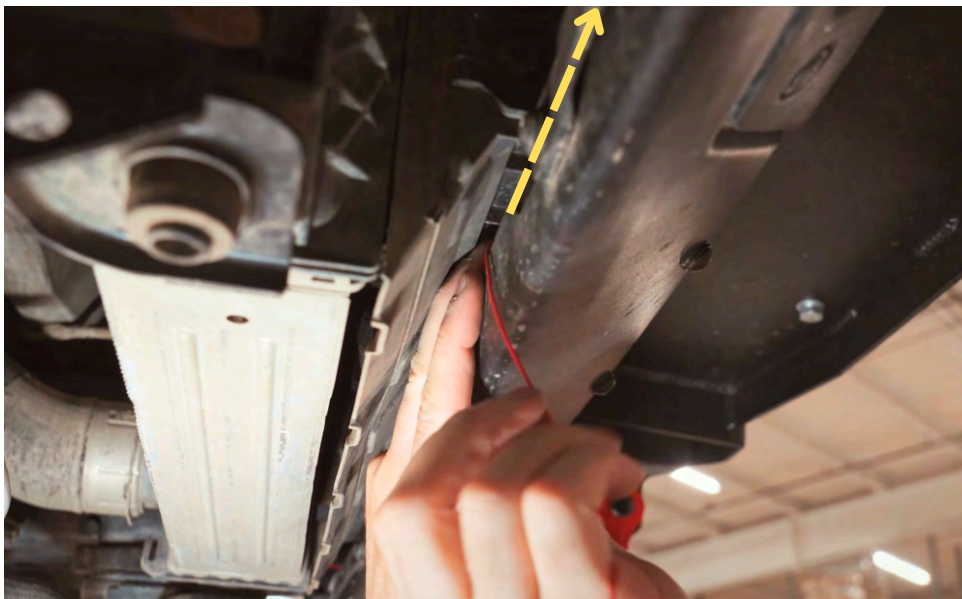


Step 15

Prepare the Passenger Side Ignition Harness.

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

5



Step 16

Route the passenger side Ignition Harness toward the passenger side.

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

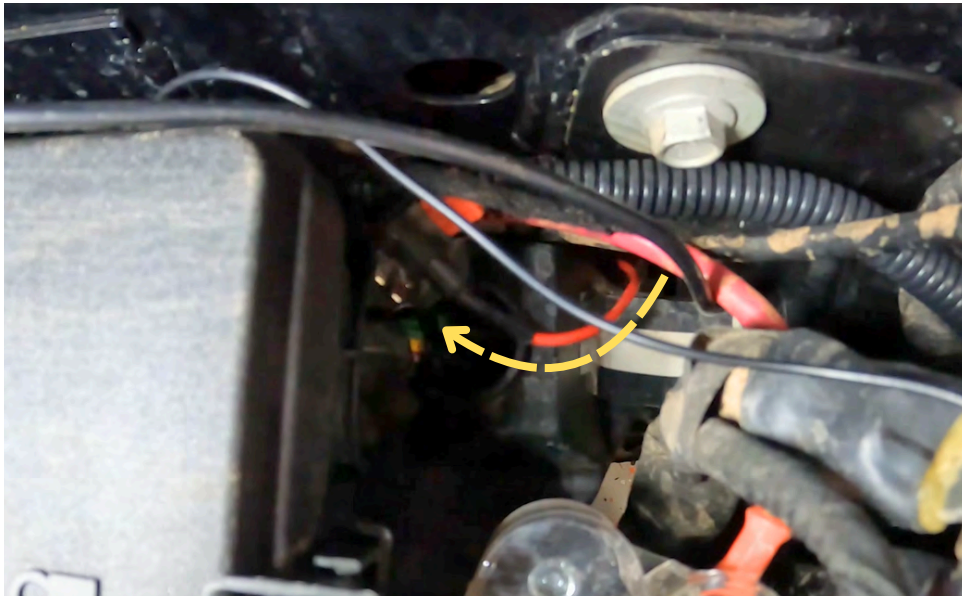
Tuck the wires away to prevent them from hanging.



Step 17

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

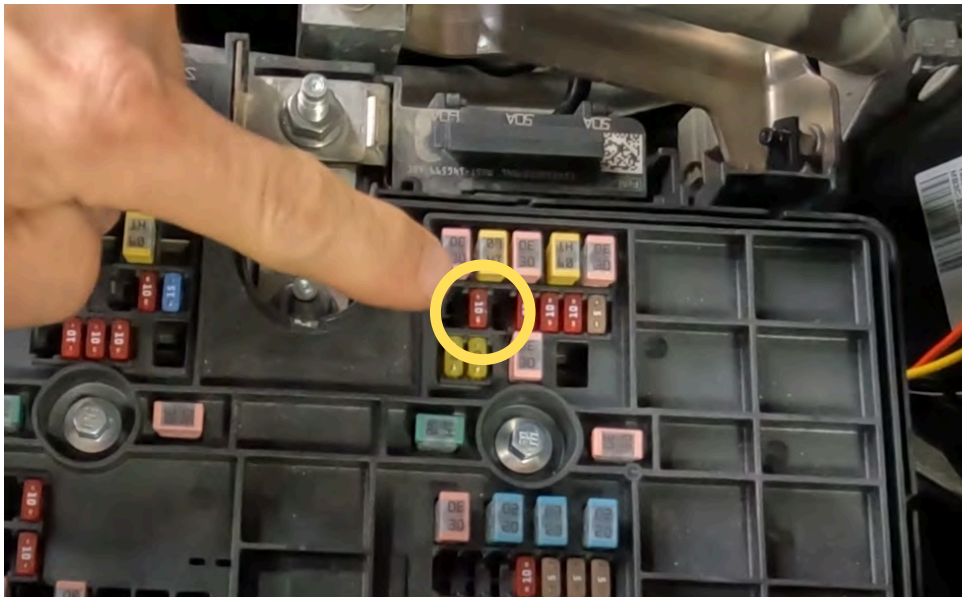
Push the fused end of the Ignition Harness up between the battery and the frame.



Step 18

From the engine bay, route the ignition harness as shown.

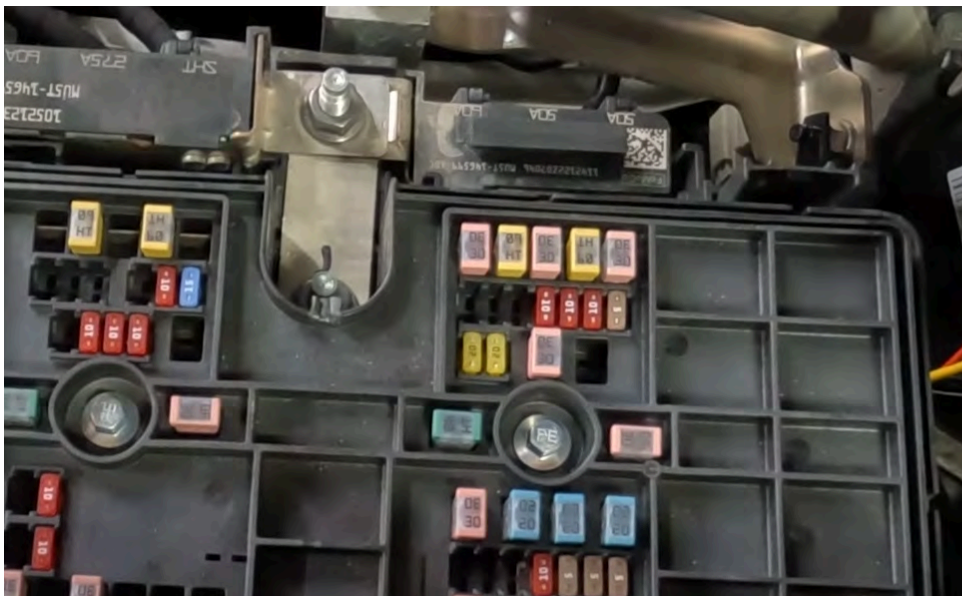
Pull the fused end up towards the fuse box.



Step 19

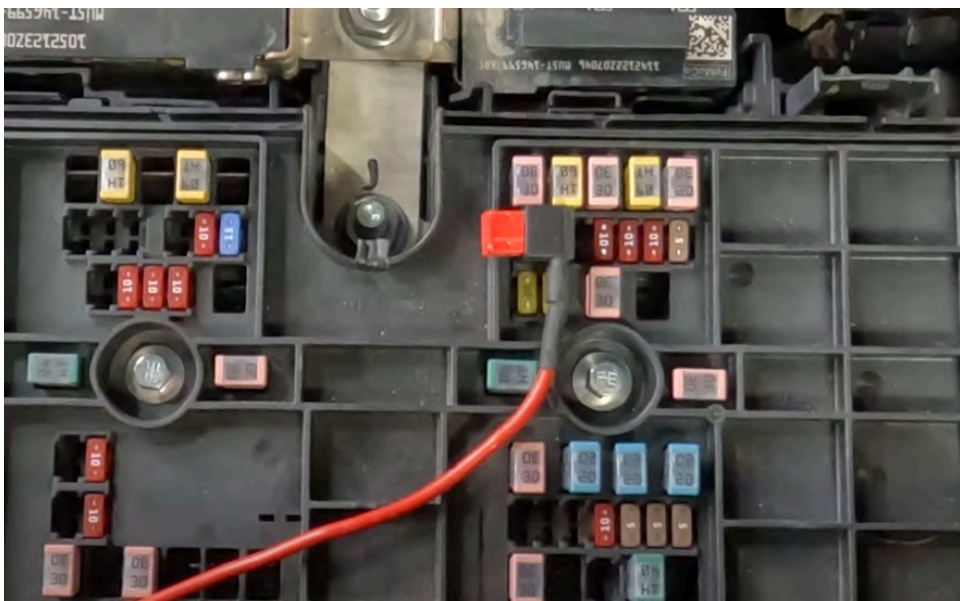
Remove the fuse box cover.

Locate the 10amp fuse as shown.



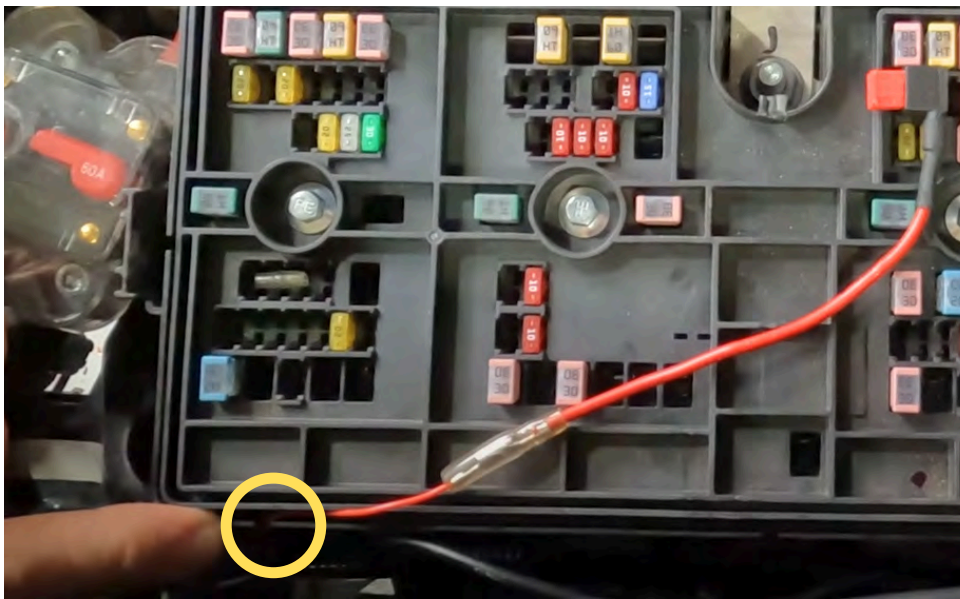
Step 20

Remove the fuse



Step 21

Install the fused wire end into the fuse slot.



Step 22

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



Step 23

Reinstall the fuse box cover.



Repeat

Repeat the Installation for the Headlight Adapter Harness 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