

IAG 4pc Interior LED Dome Light Kit with Harness for 2021+ Ford Bronco 4 Door Hard Top



IAG-ACC-F3160 IAG 4PC Interior Dome Light Kit with Harness For 2021+ FORD BRONCO (4-Door Hardtop)

Part# IAG-ACC-F3160

Congratulations on the purchase of your IAG 4PC Interior Dome Light Kit, and thank you for choosing IAG Performance. These instructions are intended for users with basic mechanical skills. Professional installation is not required. The average installation time is approximately 60 minutes.

Video instructions can be found at the link below.

<https://youtu.be/XSYtD5ldFy4>

Step 1/83



IAG-ACC-F3160 IAG 4PC Interior Dome Light Kit with Harness For 2021+ FORD BRONCO (4-Door Hardtop)

Part# IAG-ACC-F3160

Tools Required For Installation:

8mm Socket, 10mm Socket, T30 Torx, 4mm Allen, Ratcheting Wrench

Plastic Body Panel Tool

Needle Nose Pliers

Razor Blade

Step 2/83

4 Door Hard Top Kit Contents



Step 3/83

Numbered annotations (10)

- 1 Wiring Harness
- 2 Passenger Side Front Mounting Bracket
- 3 Driver Side Front Mounting Bracket
- 4 Passenger Side Front Dome Light
- 5 Driver Side Front Dome Light
- 6 Driver Side Rear Mounting Bracket
- 7 Passenger Side Rear Mounting Bracket
- 8 Driver Side Rear Dome Light
- 9 Passenger Side Rear Dome Light
- 10 4 x M6x1.0 Mounting Bolt

Step 4/83



Numbered annotations (1)

- 1 Disconnect the negative battery terminal using a 10mm socket and ratchet.

Step 5/83



Numbered annotations (1)

- 1 Remove the front and middle sections of the hard top.

Step 6/83



Numbered annotations (1)

- 1 Remove the cover panels from the front corners near the windshield. To remove use a plastic body tool or flat-head screwdriver to press the locking tabs. You **MUST** release the locking clips from the backside in order to remove these panels without damage. Remove both the driver and passenger side.

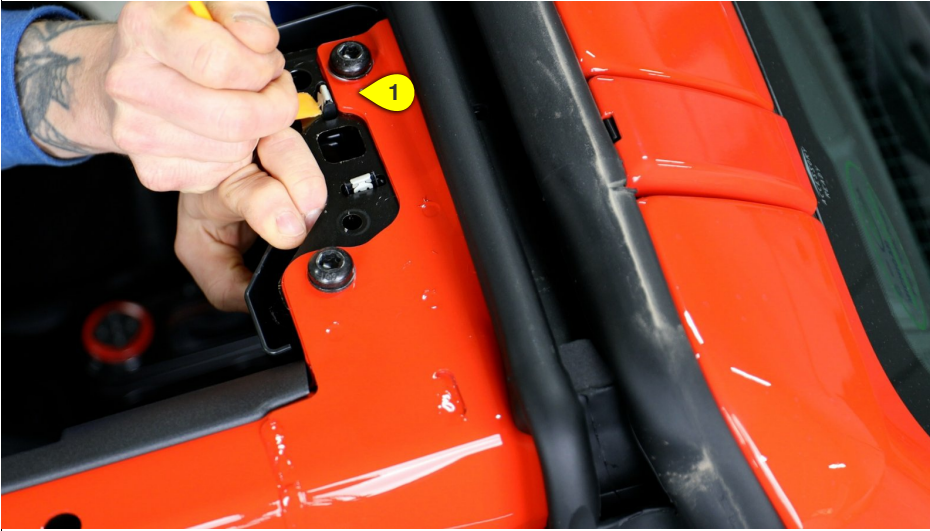
Step 7/83



Numbered annotations (1)

- 1 Close-up image shown using plastic body tool to release locking clip.

Step 8/83



Numbered annotations (1)

- 1 Close-up image shown using plastic body tool to release locking clip.

Step 9/83



Numbered annotations (1)

- 1 Remove the two bolts securing the driver's side front trim panel using an 8mm socket and ratchet.

Step 10/83



Numbered annotations (1)

- 1 Remove the front driver trim panel from the vehicle. Repeat steps 9-10 for the passenger side.

Step 11/83



Numbered annotations (1)

- 1 Remove the 3 bolts securing the driver side rear trim panel using an 8mm socket and ratchet.

Step 12/83

Numbered annotations (1)

- 1 Remove the driver side rear trim panel from the vehicle. Repeat steps 11-12 for the passenger side.



Step 13/83

Numbered annotations (1)

- 1 Remove the driver side A-Pillar trim panel by pulling down and towards the rear of the vehicle.



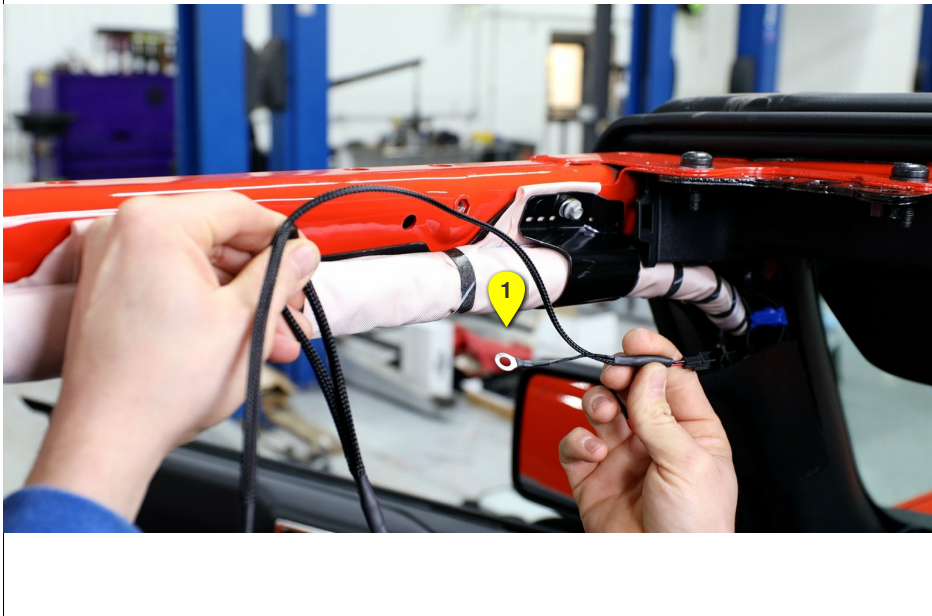
Step 14/83



Numbered annotations (1)

- 1 The trim panel will stay connected to the vehicle via the retaining loop. Repeat for passenger side.

Step 15/83



Numbered annotations (1)

- 1 Locate the harness that has a short ground cable with ring terminal installed.

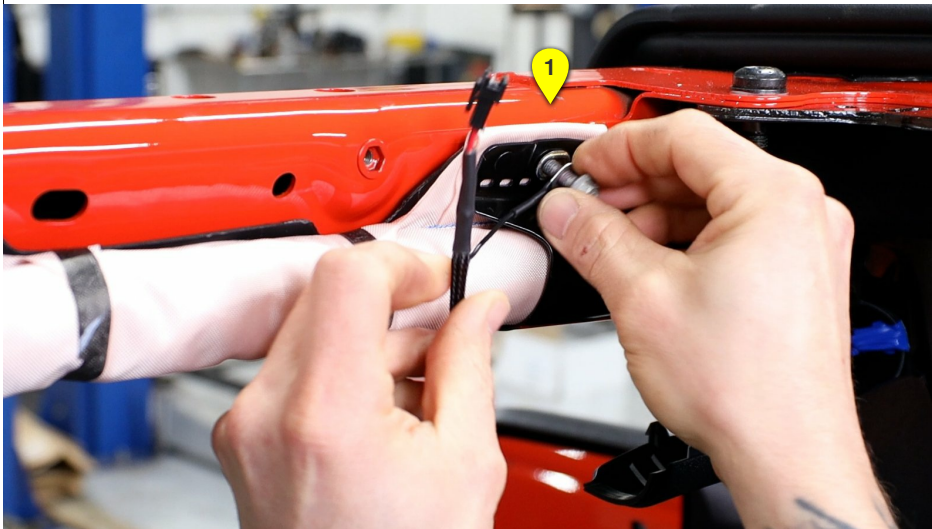
Step 16/83



Numbered annotations (1)

- 1 Remove the bolt located on the driver side front airbag support using an 8mm socket and ratchet.

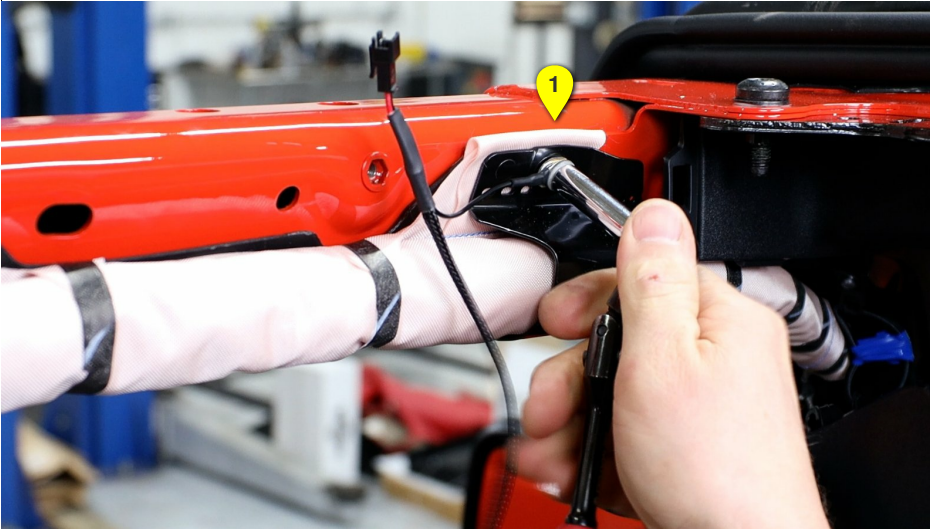
Step 17/83



Numbered annotations (1)

- 1 Insert the bolt through the ground wire ring terminal and into the roll bar.

Step 18/83



Numbered annotations (1)

- 1 Tighten previously removed bolt to 6.6ft-lbs using 8mm socket and ratchet.

Step 19/83



Numbered annotations (1)

- 1 Route the longer side of the harness behind the airbag from above.

Step 20/83



Numbered annotations (1)

- 1 Once past the airbag securing bolt, route the first light connection harness up and behind airbag from below.

Step 21/83



Numbered annotations (1)

- 1 Route the remainder of the harness towards the rear of the vehicle and behind the airbag.

Step 22/83

Numbered annotations (1)

- 1 Rear light harness has been routed behind airbag.



Step 23/83

Numbered annotations (1)

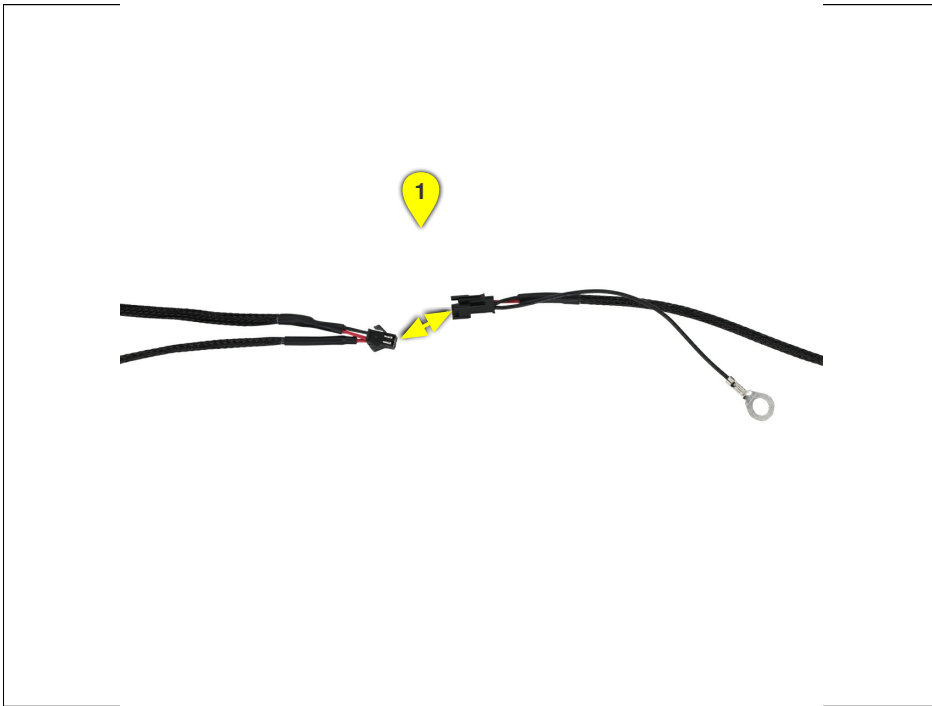
- 1 Locate remaining supplied wiring harness.



Step 24/83

Numbered annotations (1)

- 1 Take note of which end of the wiring harness will be connected in the next step.



Step 25/83

Numbered annotations (1)

- 1 Route the previously located harness end between the metal airbag support bracket and airbag as shown. Plug in the two connectors.



Step 26/83

Numbered annotations (1)

- 1 Push the connector behind the airbag.



Step 27/83

Numbered annotations (1)

- 1 Pull down on the overhead trim panel containing the factory dome lights slightly. Do not completely remove this panel.



Step 28/83



Numbered annotations (1)

- 1 Route the end of the wiring harness that contains the two separate dome light connectors behind the upper trim panels, toward the passenger side.

Step 29/83



Numbered annotations (1)

- 1 Continue routing harness behind upper trim panels toward passenger side.



Step 30/83

Numbered annotations (1)

- 1 Continue routing harness behind upper trim panels toward passenger side.



Step 31/83

Numbered annotations (1)

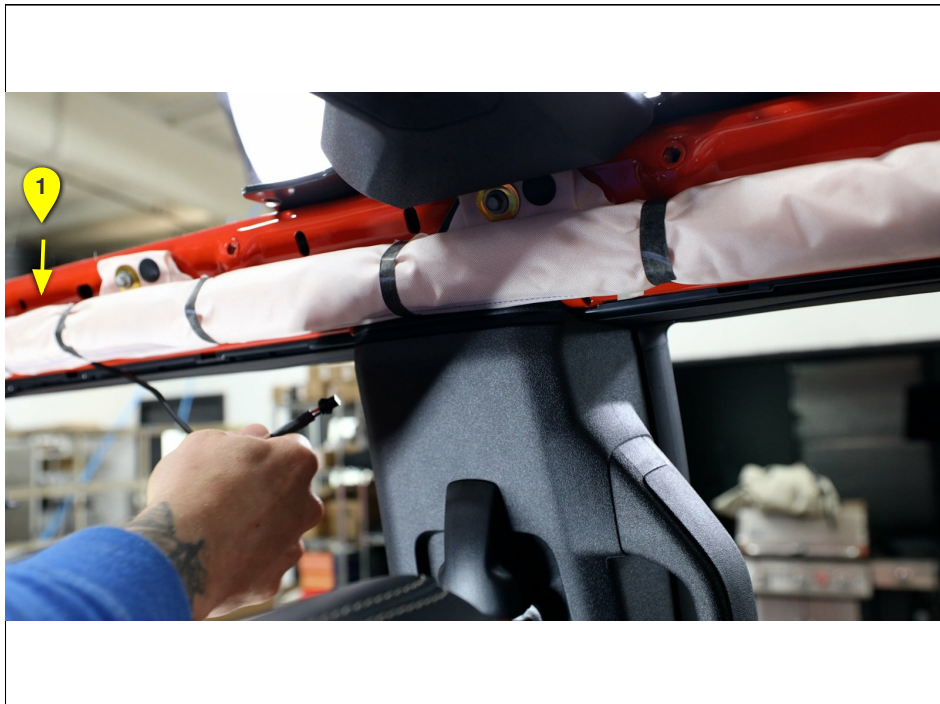
- 1 Wiring harness should exit upper trim panels at the location shown.



Step 32/83

Numbered annotations (1)

- 1 Route wire between airbag and airbag support bracket as done on the driver side.



Step 33/83

Numbered annotations (1)

- 1 Route wiring harness behind airbag from above.



Step 34/83

Numbered annotations (1)

- 1 Once past the airbag securing bolt, route the first light connection harness behind airbag from below.



Step 35/83

Numbered annotations (1)

- 1 Route the remainder of the harness towards the rear of the vehicle and behind the airbag.

Step 36/83

Numbered annotations (1)

- 1 Push upwards on upper trim panels to lock them back into place.



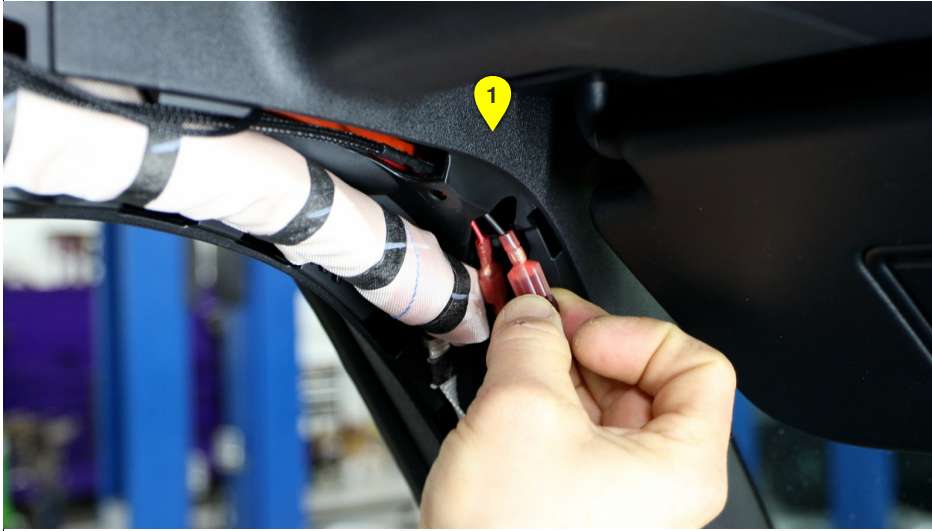
Step 37/83

Numbered annotations (1)

- 1 Use a finger or plastic pry tool to pull weather stripping back into place on top of the trim panels.



Step 38/83



Numbered annotations (1)

- 1 Route the remaining free harness end through the pictured slot in the A-pillar.

Step 39/83



Numbered annotations (1)

- 1 Pull the harness through until there is no remaining slack.

Step 40/83



Numbered annotations (1)

- 1 Remove the 4 bolts securing the grab handle on the driver side using a T30 Torx bit and ratchet.

Step 41/83



Numbered annotations (1)

- 1 Remove grab handle from the vehicle.

Step 42/83



Numbered annotations (1)

- 1 Remove the trim panel covering the door jamb by pulling towards the rear of the vehicle.

Step 43/83



Numbered annotations (1)

- 1 Release the knee bolster retaining clips by pulling down and towards the rear of the vehicle.

Step 44/83



Numbered annotations (1)

- 1 Flip the knee bolster down but do not completely remove.

Step 45/83



Numbered annotations (1)

- 1 Remove door jamb seal by pulling towards the rear of the vehicle.

Step 46/83



Numbered annotations (1)

- 1 Remove the T-Tap from the connector. Push the end of the wire harness through the indicated slot towards the door jamb.

Step 47/83



Numbered annotations (1)

- 1 Grab the end of the wire harness and pull all of the slack through the A-Pillar.

Step 48/83

Numbered annotations (1)

- 1 Tuck the wiring harness behind the A-Pillar.



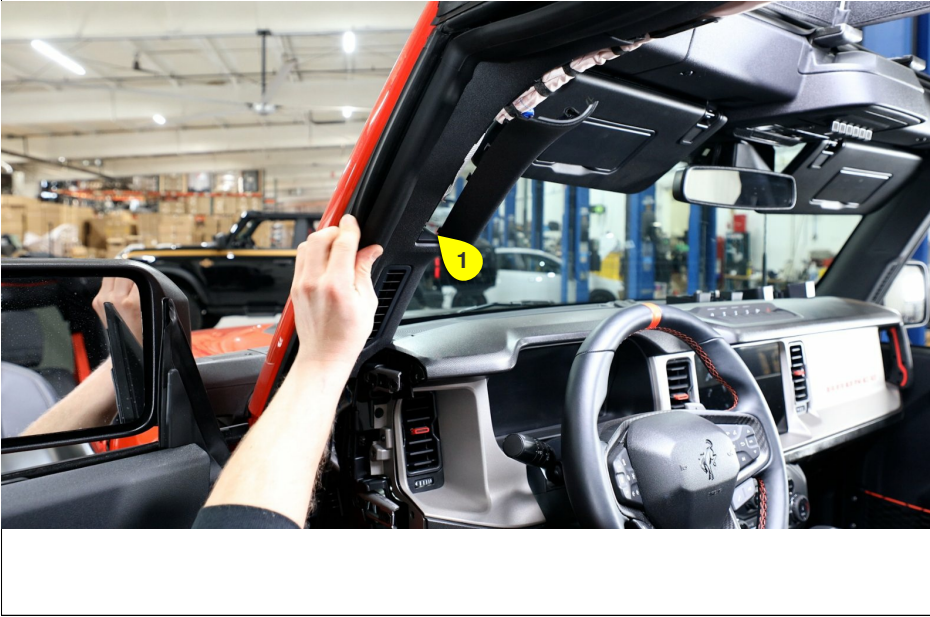
Step 49/83

Numbered annotations (1)

- 1 Ensure wiring harness is run behind the indicated tab on the A-Pillar.



Step 50/83



Numbered annotations (1)

- 1 Reinstall the door jamb seal by pushing firmly back into place.

Step 51/83



Numbered annotations (1)

- 1 Insert the end of the wiring harness above the dash support bracket as shown.

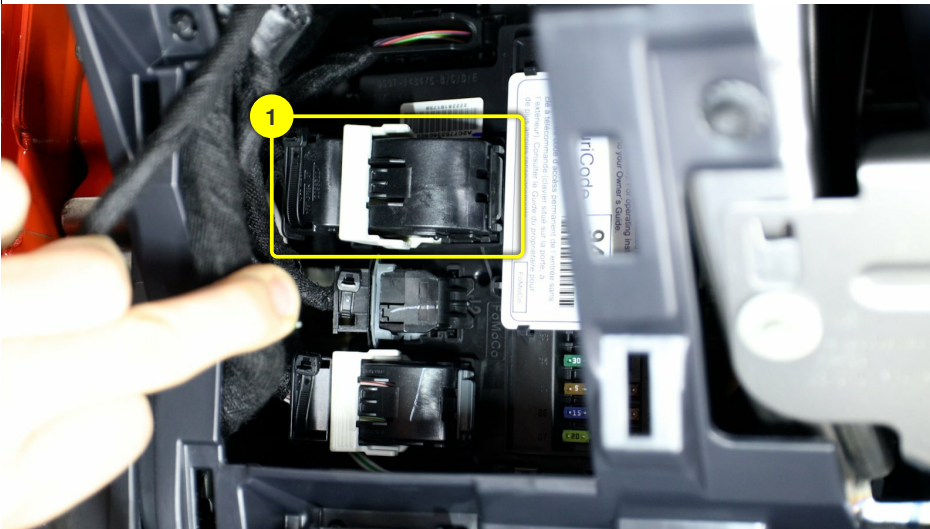
Step 52/83



Numbered annotations (1)

- 1 Reach into dash through the knee bolster area and pull the remaining length of wire harness through.

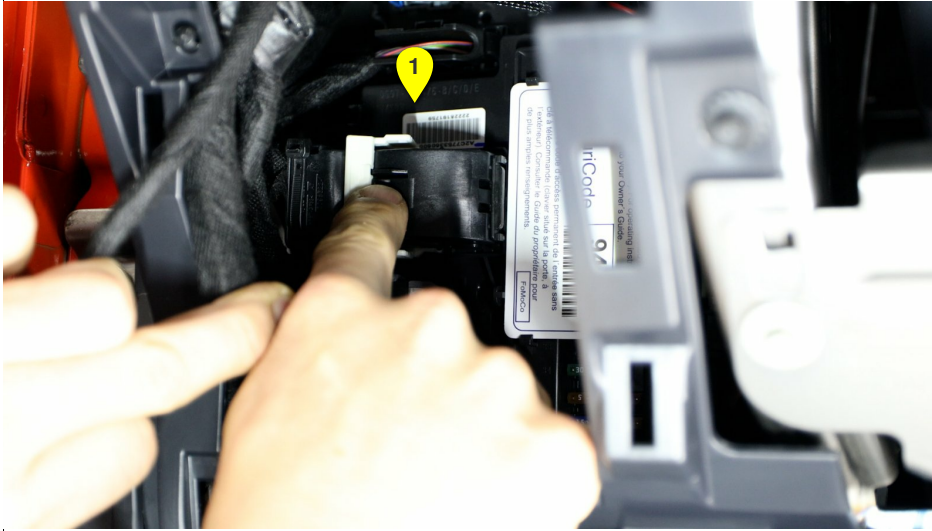
Step 53/83



Numbered annotations (1)

- 1 Locate the top large wiring harness connector at the fuse box.

Step 54/83



Numbered annotations (1)

- 1 Remove the wiring harness connector by pushing the locking tab then flipping the white locking lever towards the passenger side.

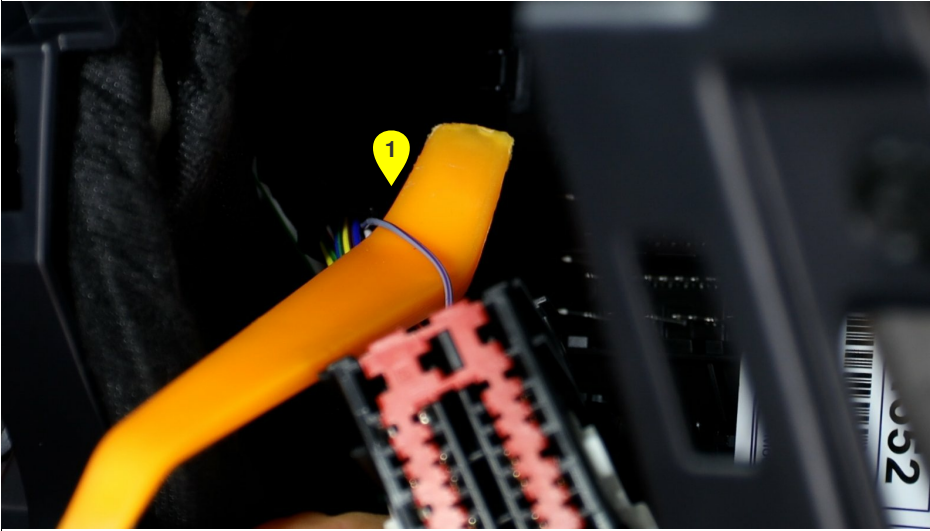
Step 55/83



Numbered annotations (1)

- 1 Using a razor blade gently cut the tape covering the wiring harness.

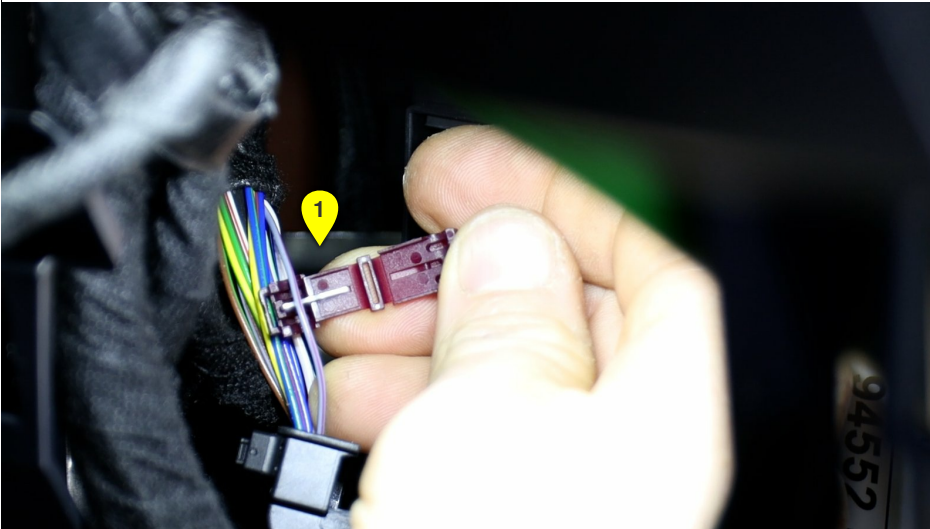
Step 56/83



Numbered annotations (1)

- 1 Locate the gray wire with purple stripe in this harness.

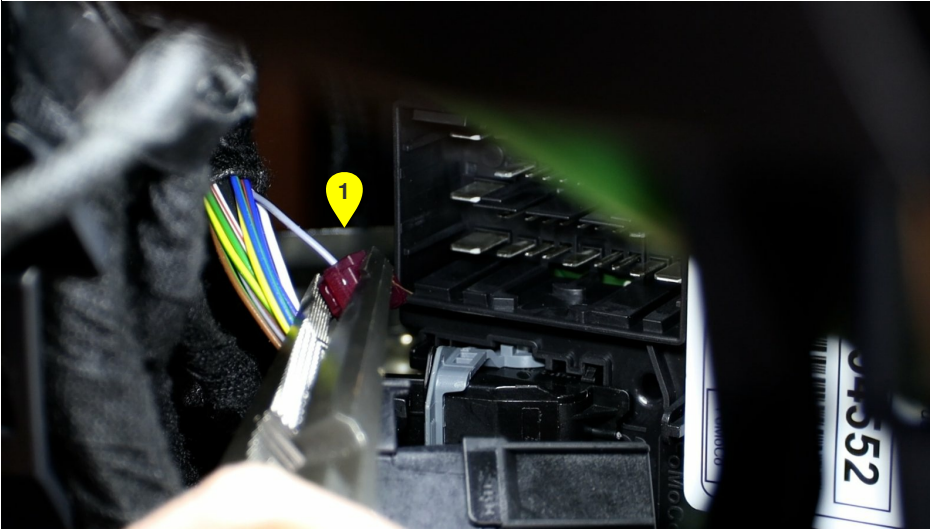
Step 57/83



Numbered annotations (1)

- 1 Install the t-tap onto the previously identified grey wire with purple stripe.

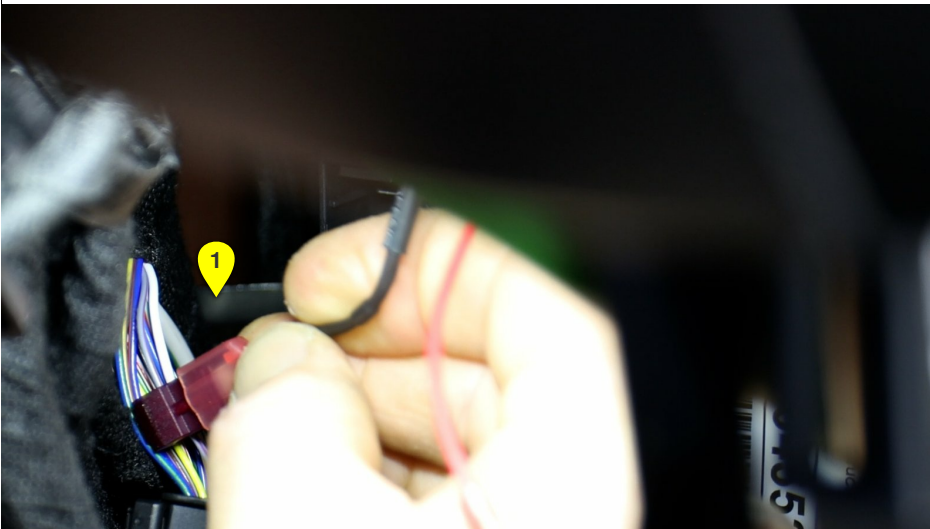
Step 58/83



Numbered annotations (1)

- 1 Using a pair of needle nose pliers, lock the t-tap onto the wire.

Step 59/83



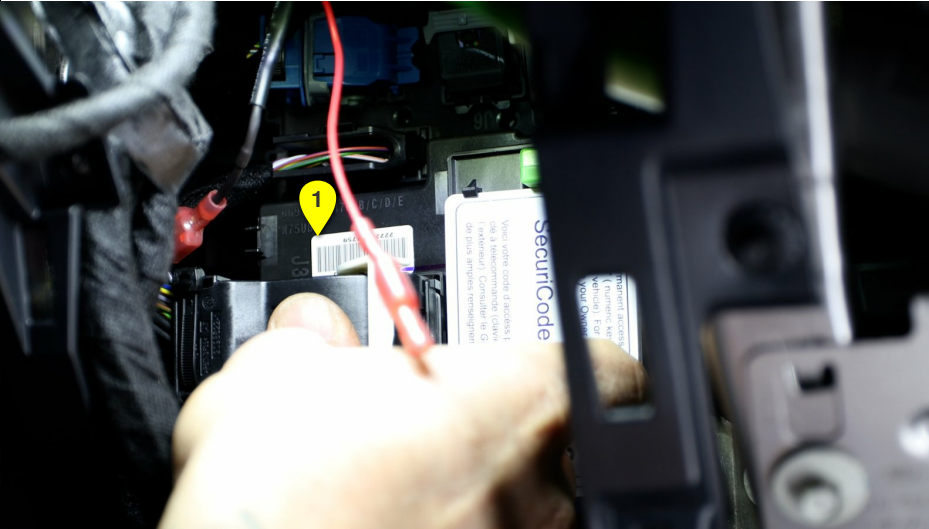
Numbered annotations (1)

- 1 Install the connector onto the t-tap.

Step 60/83

Numbered annotations (1)

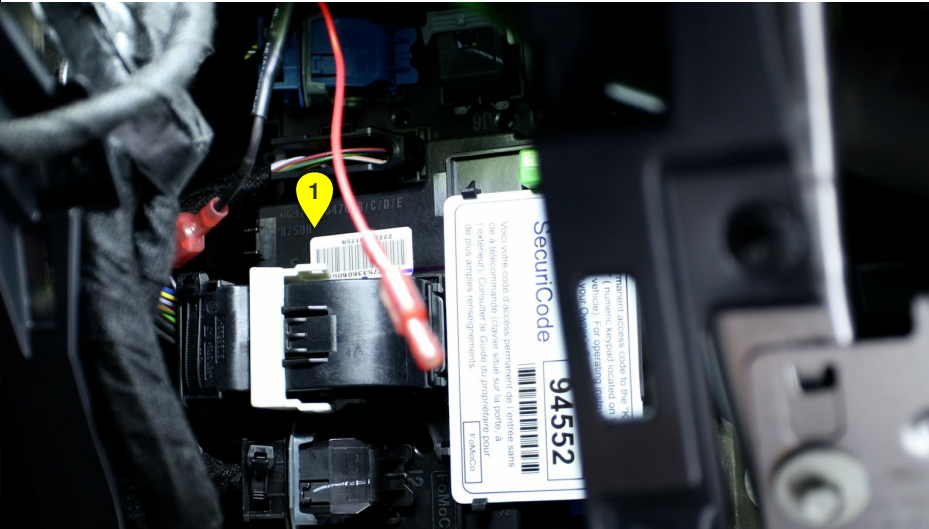
- 1 Reinstall the factory connector into the fuse box.



Step 61/83

Numbered annotations (1)

- 1 Lock connector using the white locking tab.



Step 62/83



Numbered annotations (1)

- 1 The separate lead is an optional connection. You can choose to connect this to an AUX switch or other 12V power source to control the operation of the lights without opening the doors of the vehicle. You may also leave this wire disconnected if you wish for the dome lights to only be controlled by opening the doors.

Step 63/83



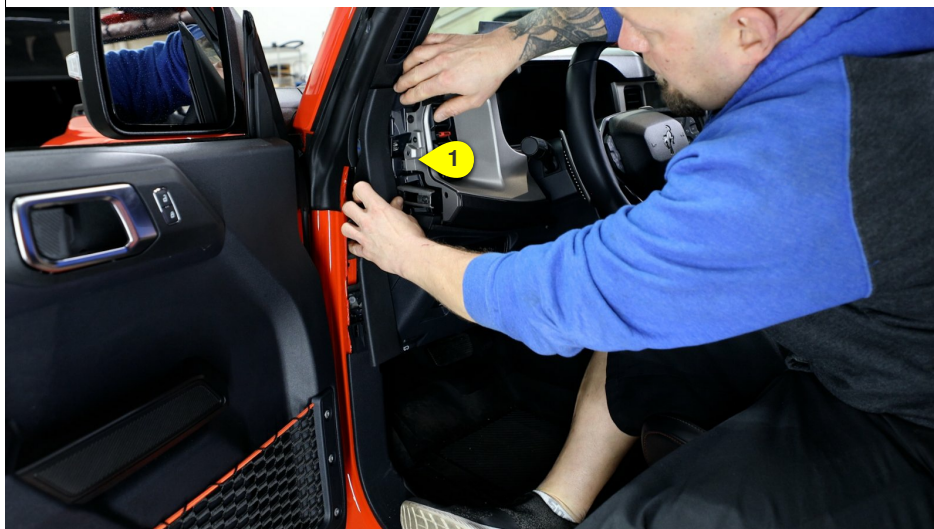
Numbered annotations (1)

- 1 Reinstall the knee bolster by firmly pressing upwards to seat clips.

Step 64/83

Numbered annotations (1)

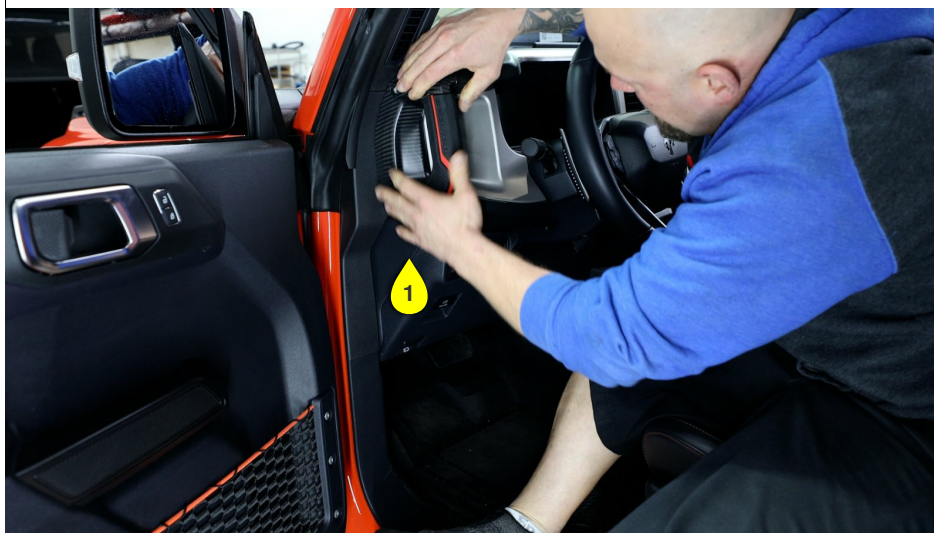
- 1 Reinstall the door jamb trim panel.



Step 65/83

Numbered annotations (1)

- 1 Reinstall the driver side grab handle and tighten the four factory bolts using a T30 Torx bit and ratchet. Tighten bolts fully.



Step 66/83

Numbered annotations (1)

- 1 Reinstall the driver side A-pillar trim panel.



Step 67/83

Numbered annotations (1)

- 1 Reinstall the passenger A-Pillar trim panel.



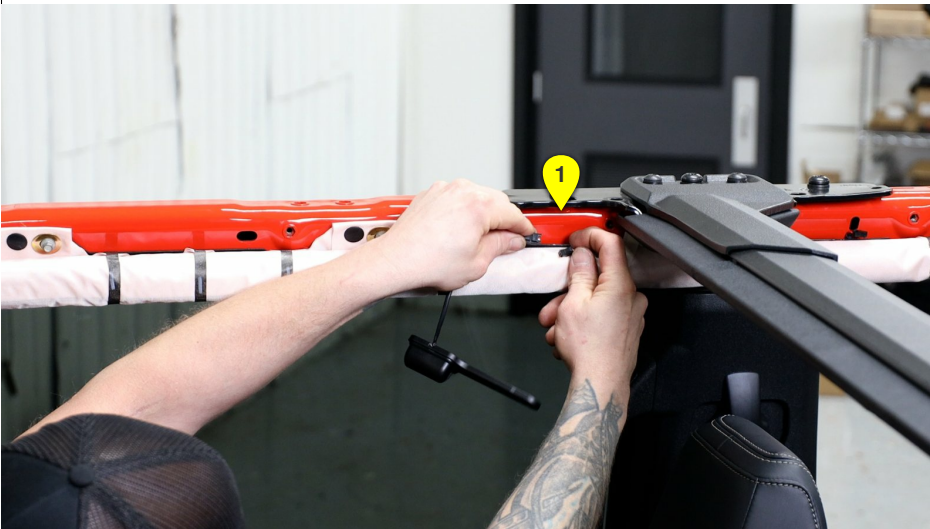
Step 68/83



Numbered annotations (1)

- 1 Locate the included driver side rear dome light.

Step 69/83



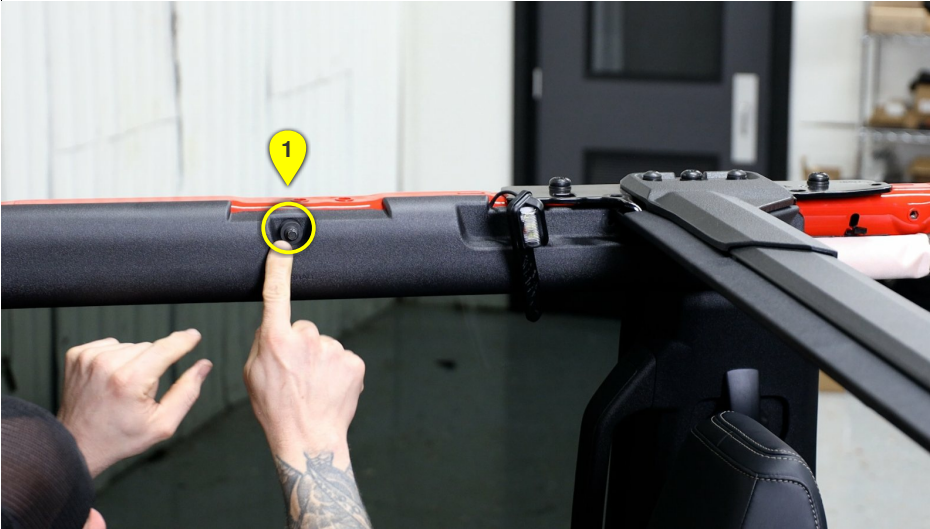
Numbered annotations (1)

- 1 Plug in the driver side rear dome light.

Step 70/83

Numbered annotations (1)

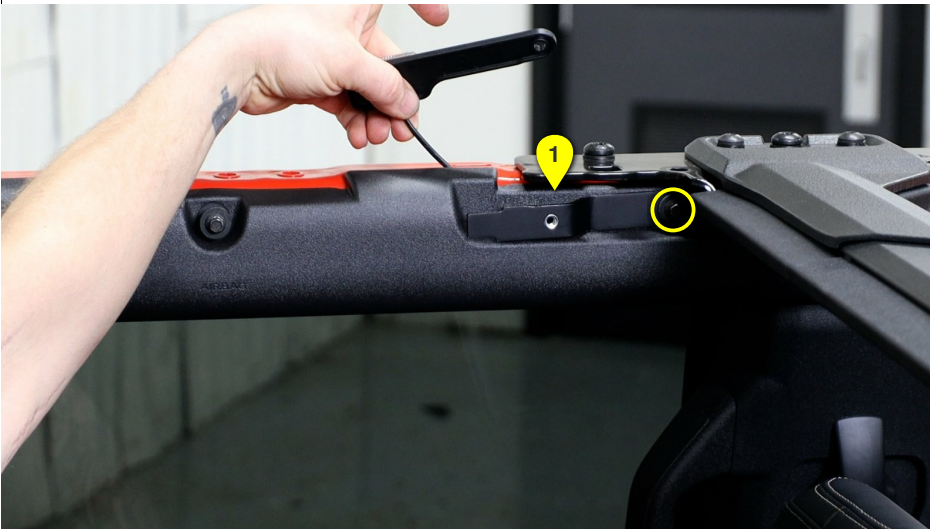
- 1 Reinstall the driver side rear trim panel and loosely install one factory bolt.



Step 71/83

Numbered annotations (1)

- 1 Locate driver side rear bracket. Take note of the small raised bump in the bracket. This bump should face upwards. Install included driver side rear bracket using factory hardware. Do not tighten bolt at this time.



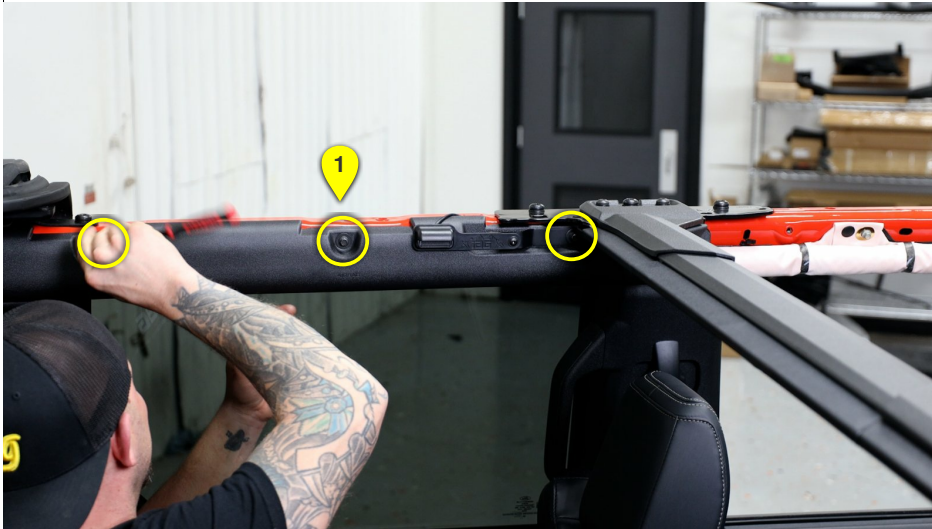
Step 72/83



Numbered annotations (1)

- 1 Install the dome light onto the previously installed bracket using the included M6x1.0 bolt and tighten using M4 Allen wrench.

Step 73/83



Numbered annotations (1)

- 1 Install and tighten the three factory driver side rear trim panel bolts and tighten using an 8mm socket and ratchet. Repeat steps 68-73 for the passenger side rear.

Step 74/83

Numbered annotations (1)

- 1 Locate and plug in the included driver side front dome light.



Step 75/83

Numbered annotations (1)

- 1 Ensure the wiring harness stays below the indicated bolt hole when installing driver side front trim panel.



Step 76/83



Numbered annotations (1)

- 1 Prepare the driver side front mounting bracket for installation. Ensure the wiring harness for the light passes under the mounting bracket.

Step 77/83



Numbered annotations (1)

- 1 Loosely install one factory bolt through the bracket and driver side front trim panel.

Step 78/83

Numbered annotations (1)

- 1 Loosely install front factory bolt in trim panel.



Step 79/83

Numbered annotations (1)

- 1 Install included M6x1.0 bolt through dome light into previously installed bracket and tighten using 4mm Allen wrench.



Step 80/83



Numbered annotations (1)

- 1 Tighten two factory bolts securing driver side front trim panel using 8mm socket and ratchet. Repeat steps 74-80 for passenger side.

Step 81/83



Numbered annotations (1)

- 1 Reinstall front factory trim panel that was removed on step 1 on driver side. Repeat for passenger side.

Step 82/83



Numbered annotations (1)

- 1 Reconnect the negative battery terminal. Tighten using 10mm socket and ratchet.

Step 83/83



Numbered annotations (1)

- 1 Congratulations! Installation has been completed. If you have any questions about the installation of your lights please contact us at support@iagperformance.com.

Thank you for choosing IAG!