



LED AMBIENT VENT LIGHTING KIT

(2018-2023 WRANGLER JL)

INSTALLATION INSTRUCTIONS

CONTENTS

(4) LED Interior Vents
(1) Wiring Harness
(1) Power Module

TOOLS REQUIRED

7/32 Socket
Phillips Screwdriver
Socket Wrench
13mm Socket
Panel Removal Tool
10mm Socket
T15 Torx Socket

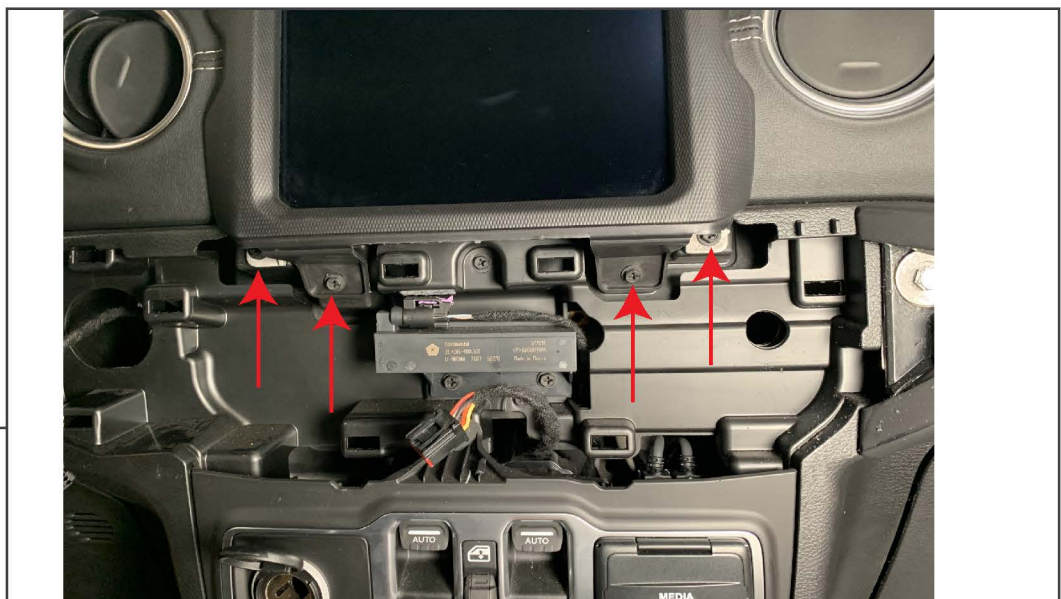
STEP 1



Unplug battery terminal and wait 30 minutes before proceeding.

Remove A/C Controls and Push-To-Start button by using a panel removal tool around the edges of the unit. Unplug and remove from vehicle.

STEP 2



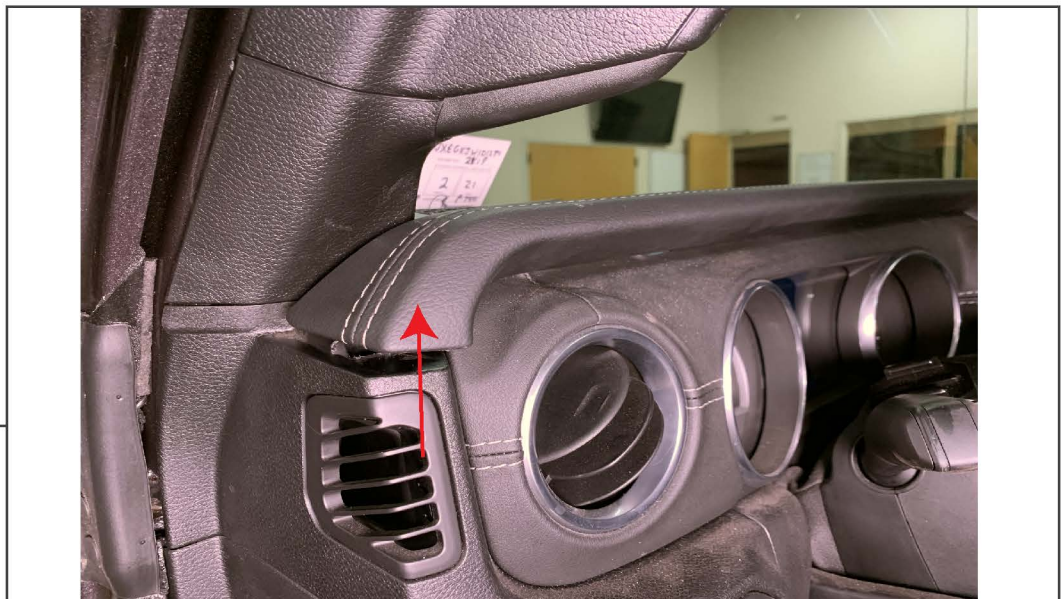
Remove (4) Phillips screws at the bottom of the touch screen bezel. Then, release the (6) clips holding the remaining three sides of the touch screen bezel to the dashboard using a panel removal tool.

STEP 3



Remove the (2) Phillips screws to release the touch screen from the dashboard. Allow the touch screen to hang. Remove (1) Phillips screw from the dash pad.

STEP 4



Using a panel removal tool, release the top dash pad from the dashboard. Pull the pad towards the steering wheel to remove. Do this all the way across the dashboard.

STEP 5



Remove (4) Phillips screws from the instrument cluster bezel. Then use a panel removal tool to release the bezel from the dashboard. Remove from vehicle.

STEP 6



Remove (4) top Phillips screws from the dashboard.

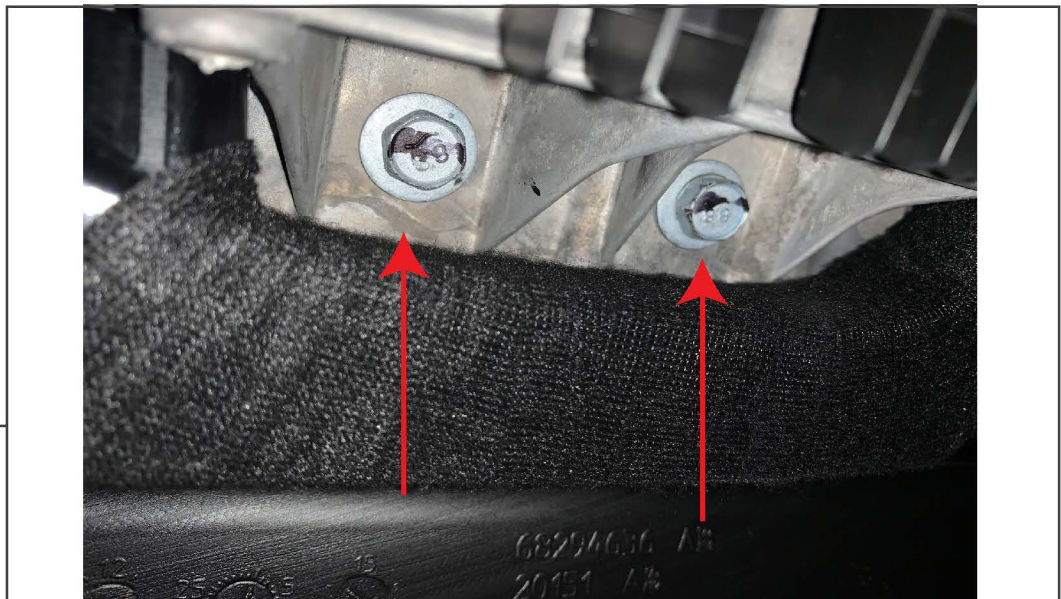
STEP 7



Remove the side cap from the grab handle. Remove (2) 10mm bolts to remove handle from dashboard. Remove from vehicle. Release the airbag trim panel using a panel removal tool.

Note: Do NOT cut any of the zip-ties.

STEP 8



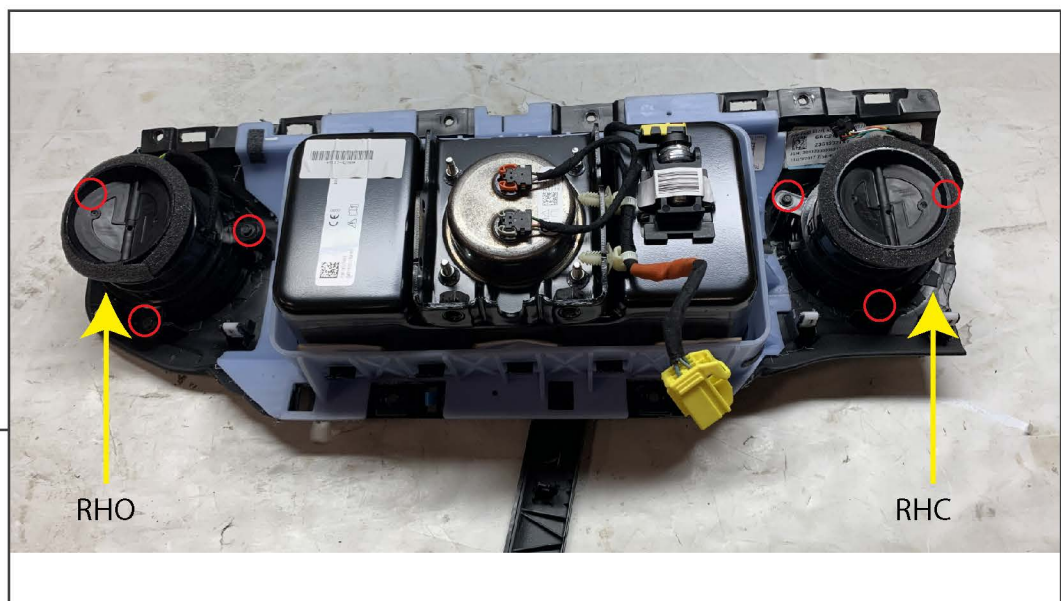
Remove glove box from vehicle by pushing up on the stopper in the middle, then lift the box away from the dashboard. Remove (2) 13mm bolts above the glove box location releasing the air bag with the vents.

STEP 9



Along the left hand side of the dashboard behind the glove box location, unplug the airbag connector by pushing down on the top of the connector. Remove airbag assembly from vehicle.

STEP 10



Remove (3) 7/32 screws securing the each vent to the airbag assembly. Lightly pry back on the plastic mounting tabs to release each vent from the airbag assembly. Do not mix up the vent locations.

RHO: Right Hand Outer (Closest Vent to Passenger Door)

RHC: Right Hand Center (Closest Vent to Radio)

STEP 11



Remove (3) T15 Torx screws securing the each vent to the airbag assembly. Lightly pry back on the plastic mounting tabs to release each vent from the airbag assembly. Do not mix up the vent locations.

LHO: Right Hand Outer (Closest Vent to Passenger Door)

LHC: Right Hand Center (Closest Vent to Radio)

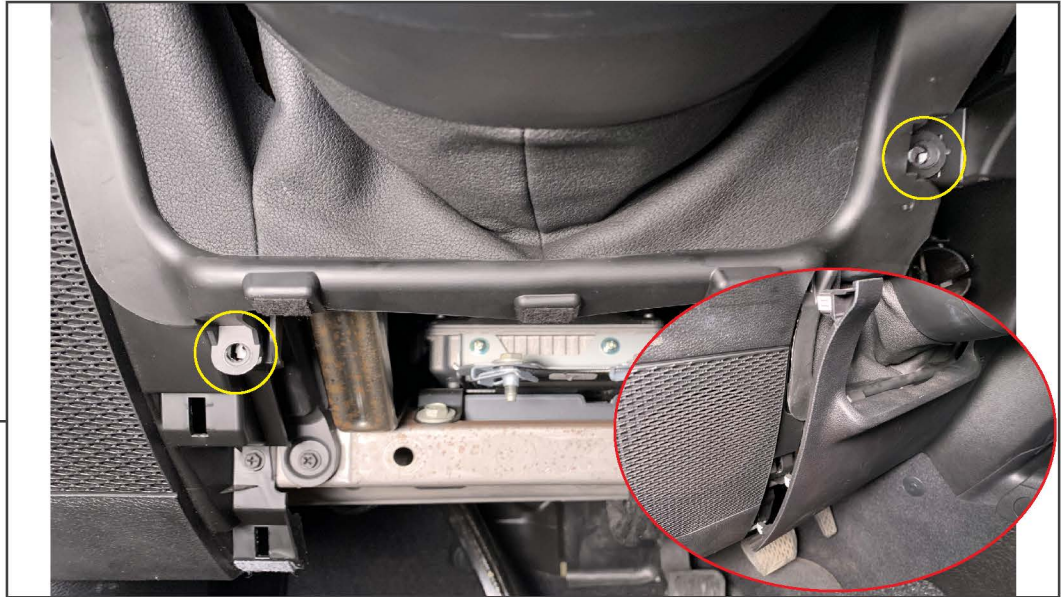
STEP 12



Locate [TOP] on the LED Vents as well as the appropriate location indicator. Push the LED Vent into the appropriate location with [TOP] facing up. There will be an audible click when each mounting tab is secure. Reinstall (3) original screws per vent.

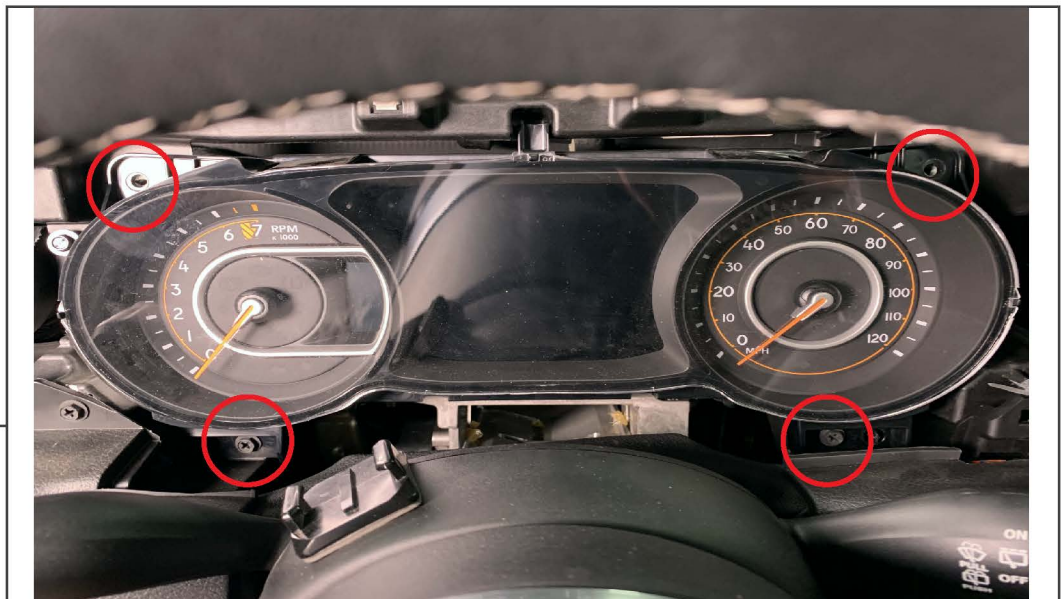
Note: Depending on the vehicle trim level, the OEM vent trim ring may need to be transferred from the original vent to the new vent. This can be done by gently prying up and around the mounting tabs with a small pry tool.

STEP 13



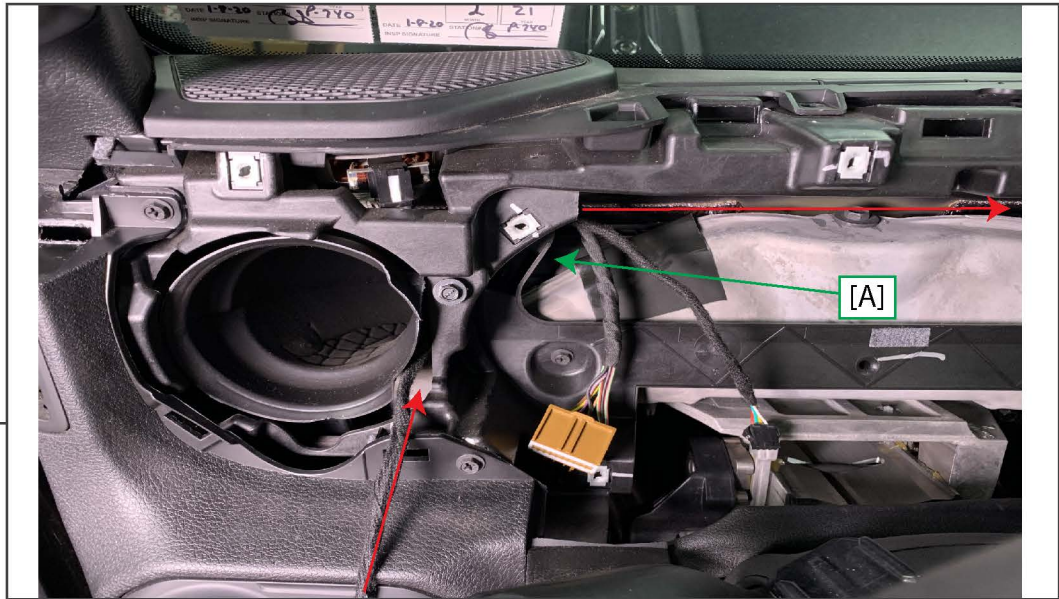
Remove plastic panel below steering wheel using a panel removal tool. Then remove (2) Phillips screws to release the bezel around the steering wheel.

STEP 14



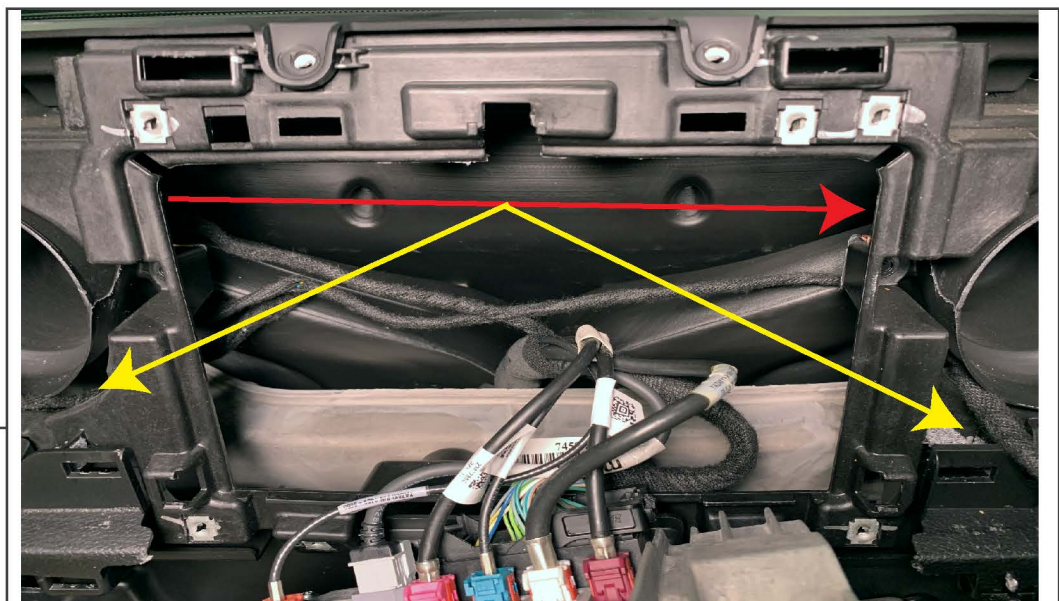
Release the clips around the steering wheel bezel and move the bezel aside. Remove (4) Phillips screws from the instrument cluster. Unplug instrument cluster from the rear and Remove from vehicle.

STEP 15



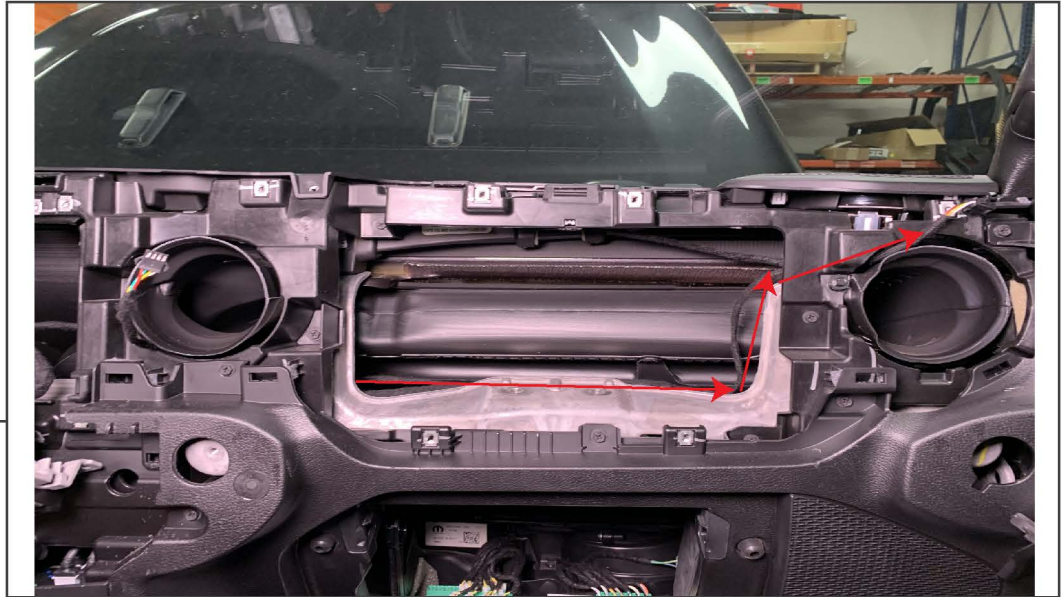
Beginning with the passenger side of the wiring harness, route the harness throughout the dashboard. Store the power module at the marked location [A].

STEP 16



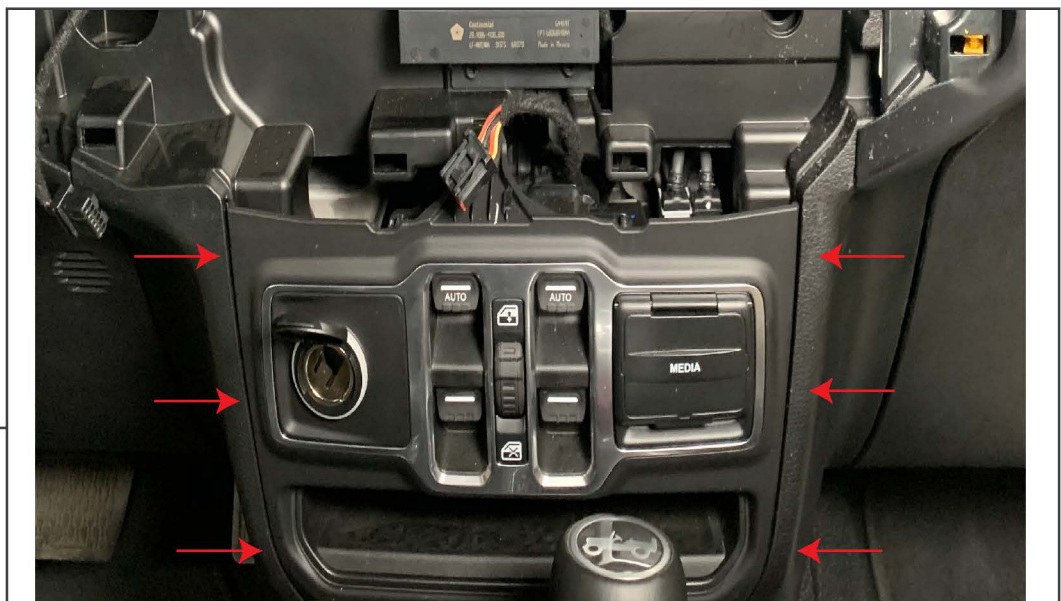
Continue routing the harness throughout the dashboard, allow the (2) center vent connectors to rest at their corresponding ducts.

STEP 17



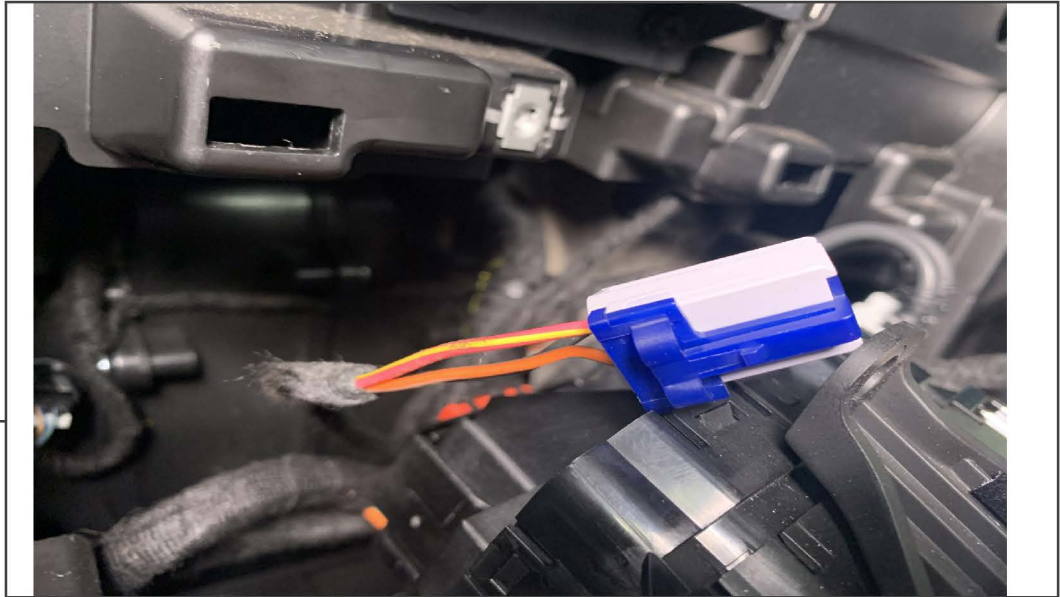
Route the wiring harness to the passenger side outer duct. Be sure to route the wiring harness neatly to prevent interference with the airbag.

STEP 18



Using a panel removal tool, unclip the window switch panel from the dashboard. Unplug the 12V cigarette lighter connector.

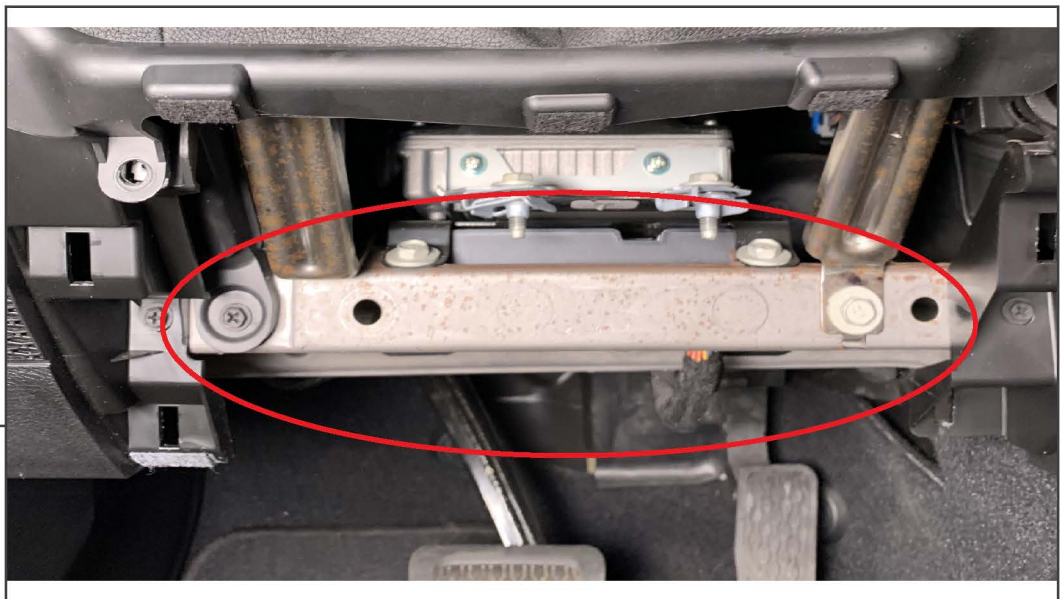
STEP 19



Carefully peeling back the insulation on the cigarette lighter connector, splice into the Red/Yellow wire with the Orange wire in the provided wiring harness. Cut the provided Orange power wire on the provided wire harness to length if it is too long.

Re-install connector into the window switch panel.

STEP 20



Route the provided Brown ground wire to the lower portion of the dashboard. Be sure not to route the wire in the way of any moving components.

Locate and secure the Brown wire to a good ground.

STEP 21



Route power switch to desired location, then using provided double sided tape, adhere to clean surface area of the dashboard.

STEP 22



Re-assemble dashboard following steps 1-18 in reverse order.

Installation is now complete.