

2021 FORD BRONCO FRONT BUMPER INSTALLATION GUIDE



Tools Needed

Bumper Tools

- Ratchet or open end wrench (2)
- 8mm socket
- 3/4" sockets (2)
- Flat head screwdriver or prying tools

Mod Bumper Parking Sensors Tools

- Impact driver or ratchet
- T40 Torx
- 10mm socket
- Thin flat head screwdriver
- Box cutter/blade
- Scissors

ACC Relocation Tools

- Impact driver (optional)
- Ratchet
- 8" extensions
- 10mm socket
- 8mm socket
- 5/32 Hex key (Allen wrench)
- 3/8 open end wrench
- 2 Pairs needle nose pliers
- T20 Torx

Mod Bumper Removal and Disassembly



1. Remove 4 pull pins (shown above).



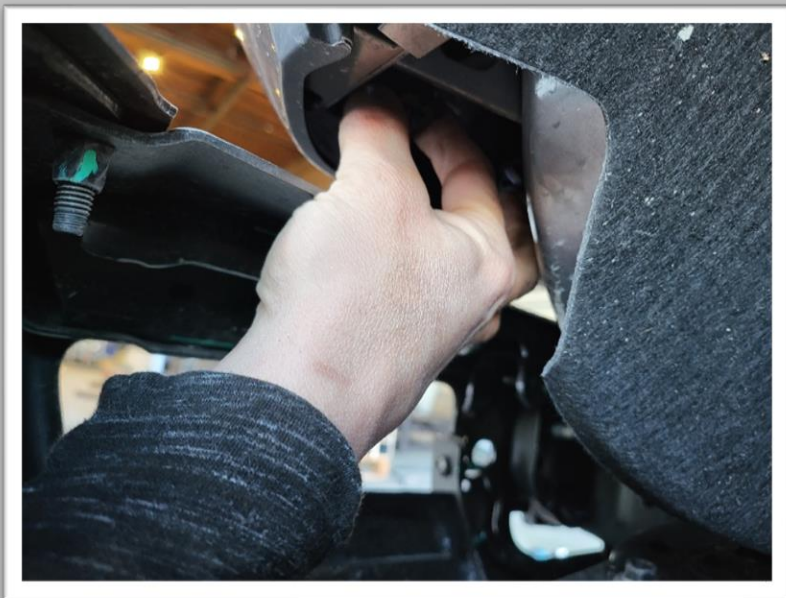
Pull pin when pulled out



2. Removal plastic cap held in by plastic retaining clips, by pulling towards you with force.



3. Locate bumper harness plug below the driver side headlight.



4. Disconnect the plug by firmly squeezing and pulling down.



Plug removed.



5. Remove the 3 passenger and driver side recovery bolts with 15mm socket, one set bumper aside.

ACC and Shutter Removal



6. Remove plug shown above (red arrow).
7. Remove 4 bolts shown above with 8mm socket.

Note: Removal of shutters is not required, but allows more air flow to the intercooler when the winch is in front of it.



8. Remove factory bumper backer plate from the frame horns.

Installation of BAMF bumper



Note: Picture above shown without winch installed, for installation guidance purposes only. You will need to install the winch BEFORE the bumper is installed on the vehicle.

9. Line the bumper up to the holes on the frame and loosely fit the 6 provided grade 8 bolts and washers.



10. Hold the bumper level and set the body gap on both sides at the same time. It's recommended to maintain 1/2" gap to allow clearance for body flex.

Note: It helps to have a floor jack or friend to assist.

11. Tighten the 6 bumper bolts using both the ratchet and 3/4" sockets.

Note: Torque specs 90 ft/lbs.



Mesh installation

12. If not equipped with the high or lux package, install the two stainless steel mesh air vents using the T20 torx bolts provided.



Removal of front crash bar (arrow shown above) and badland skid plate (optional)

13. To remove the front crash bar, remove the two bolts holding it to the frame with the 15mm socket.



14. Using masking tape or marker, mark a line on the skid plate or tape a line to guide for the cut.

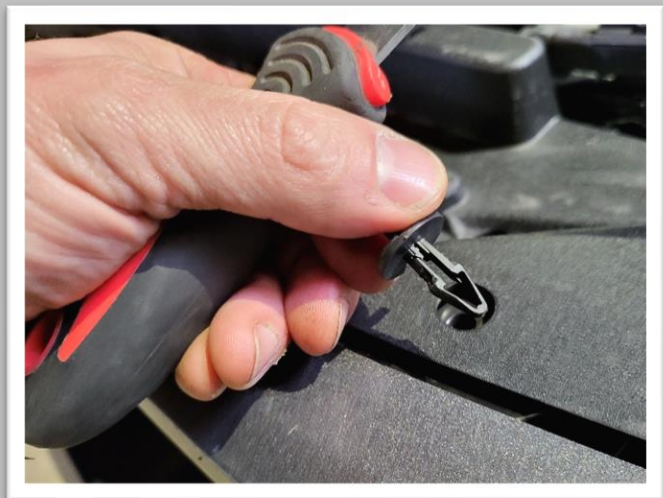
15. Using an angle grinder or plasma cutter, cut the tips above the skid to match the new bumper width if desired.

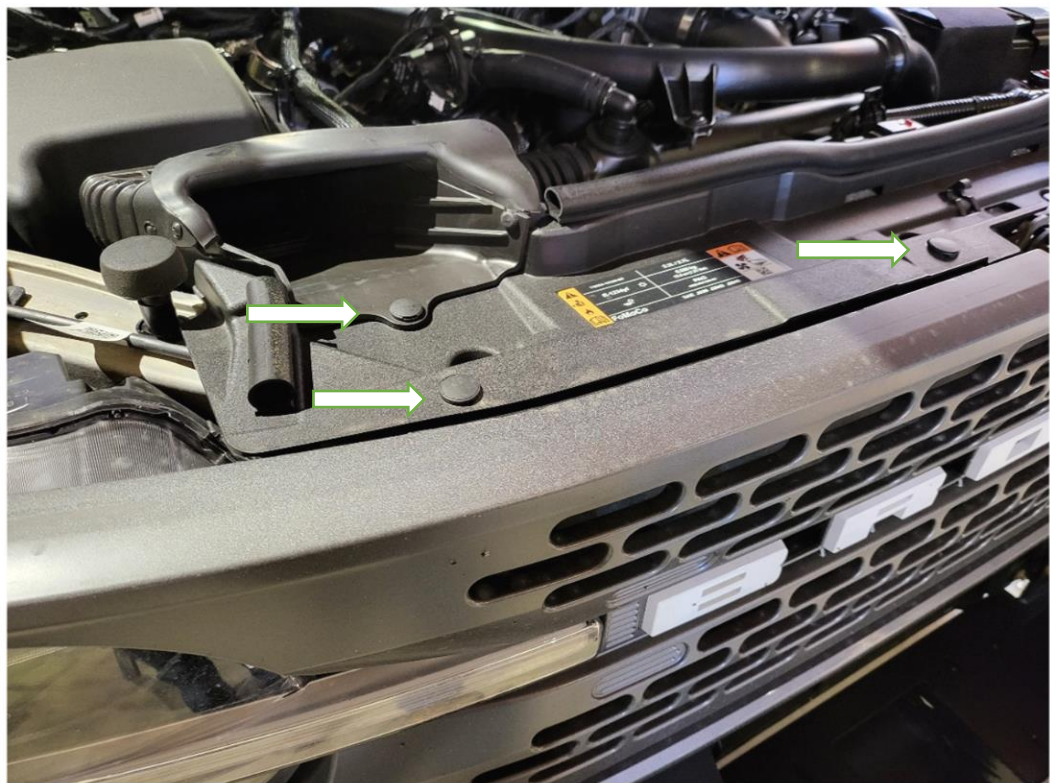
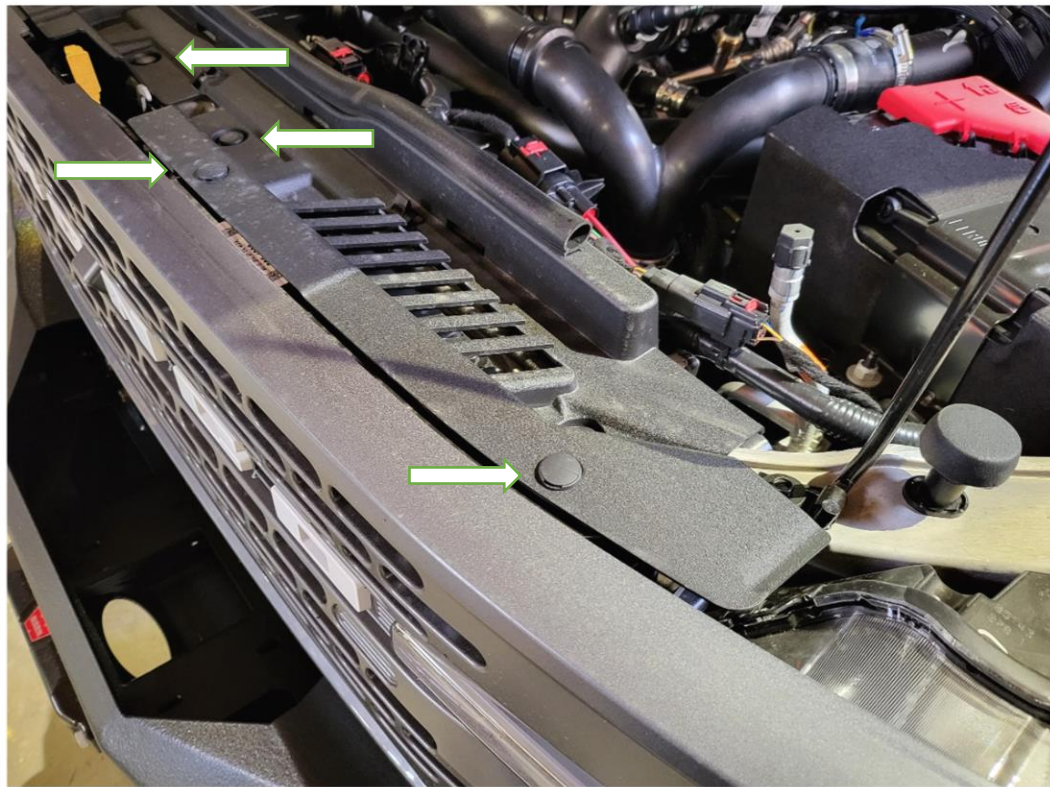
ACC Sensor Relocation

To relocated the ACC sensor, removal of the grill and shutter system is required to access the point.

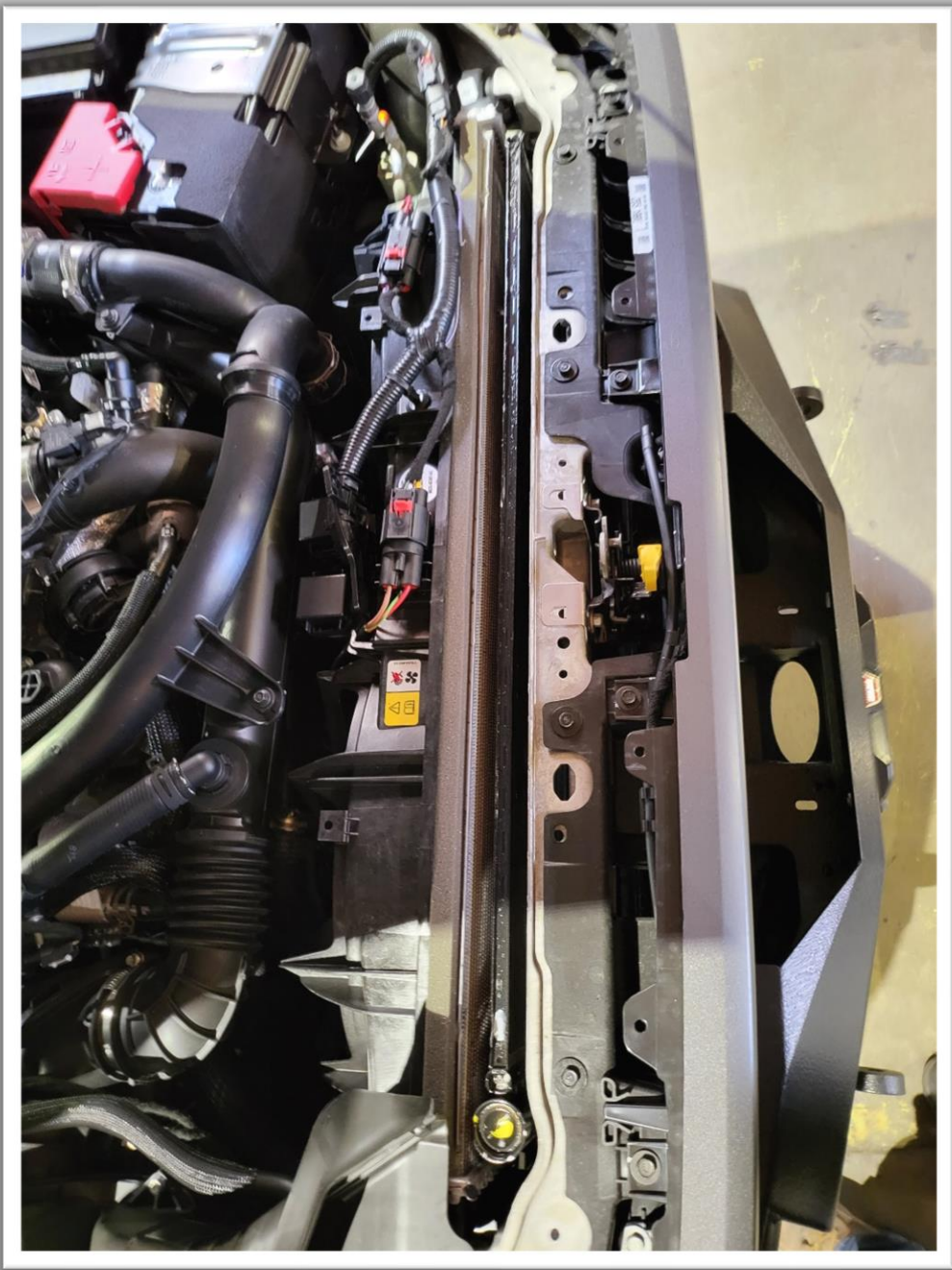


To start the removal of the grill, the top intake plastic needs to be removed, held in by quick release automotive fasteners, with your pry tool, shown below.

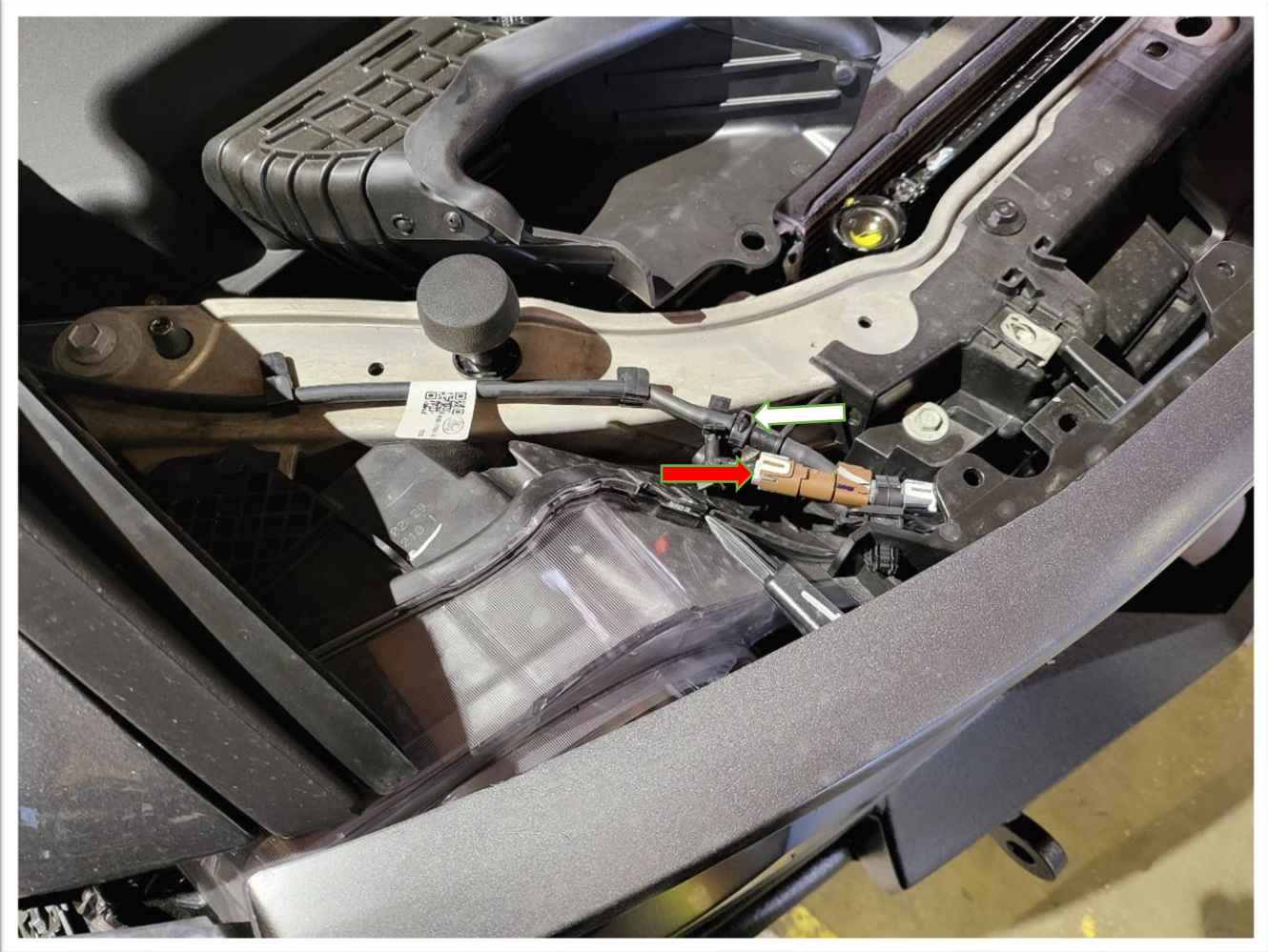




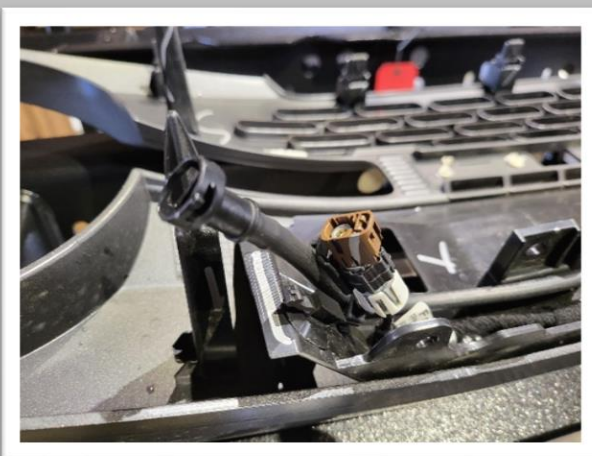
Grill top is now removed.



Before you remove the grill, you have to dislocate the washer fluid (white arrow) and camera (red arrow) connection.



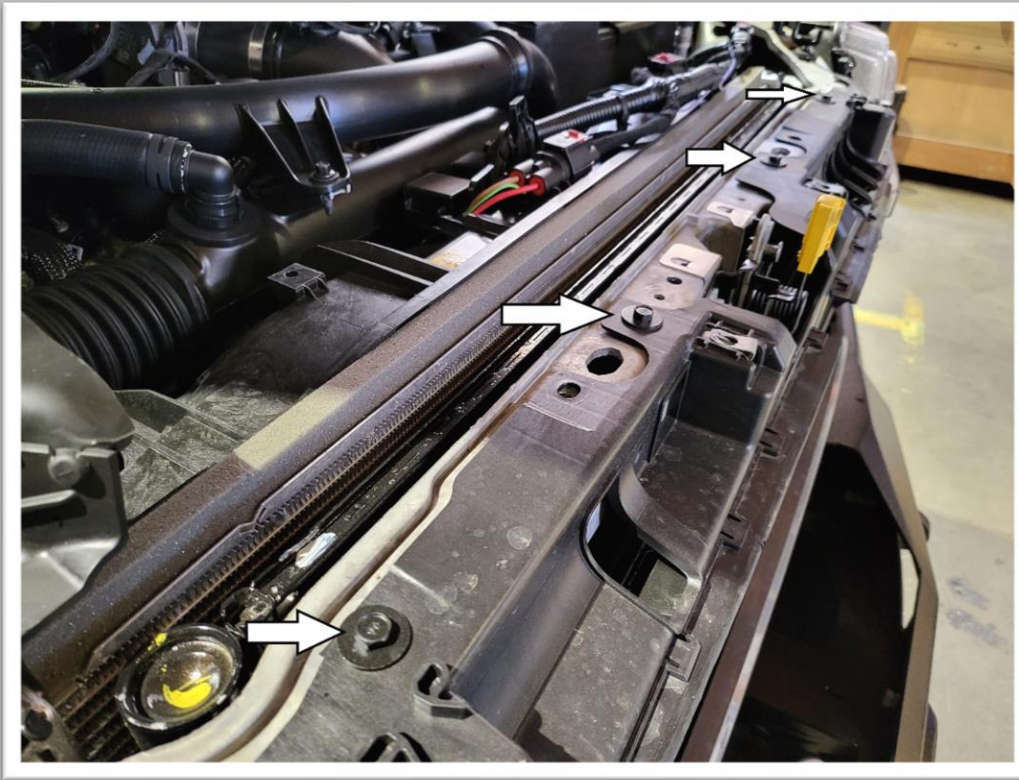
Disconnected lines.

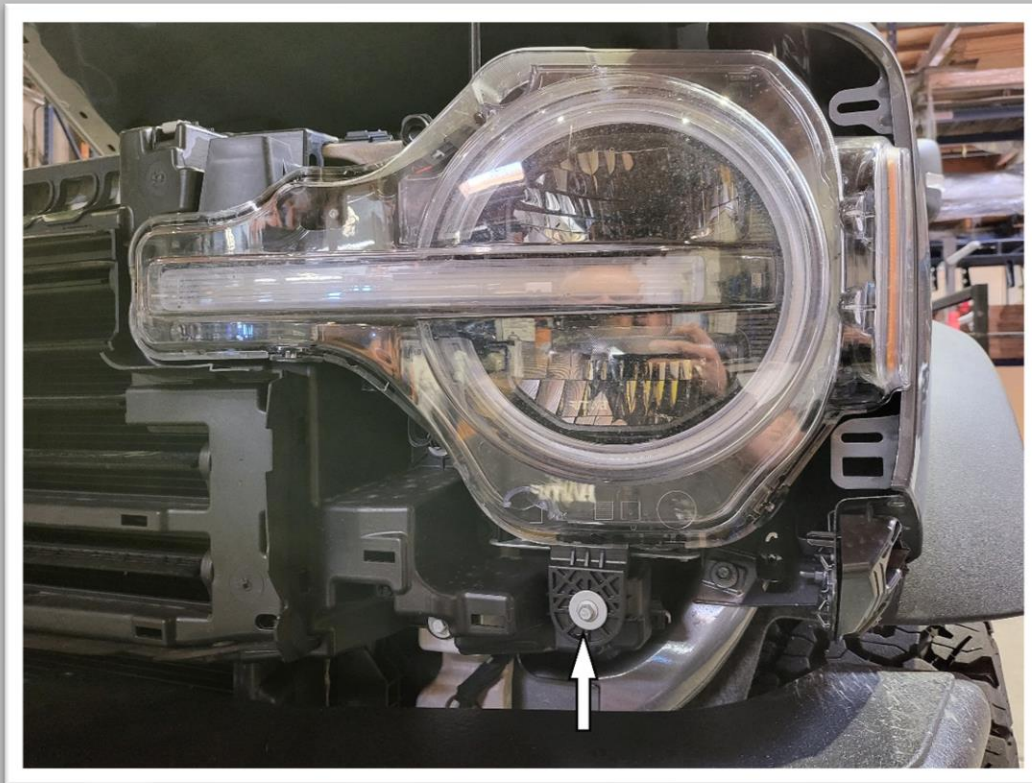


Once lines are disconnected you can remove the grill by pulling towards you.

<<JERRY TO GET PICTURES>>

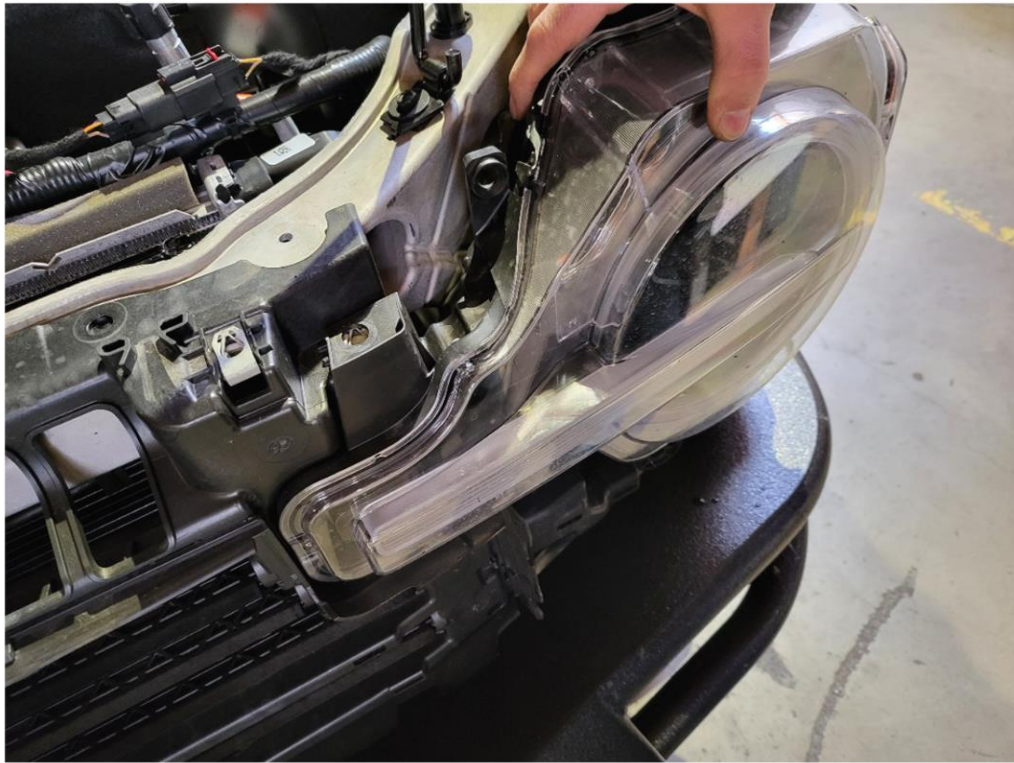
Once the grill is removed, the active shutter system and headlights needs to be removed, by removing the bolts shown below.



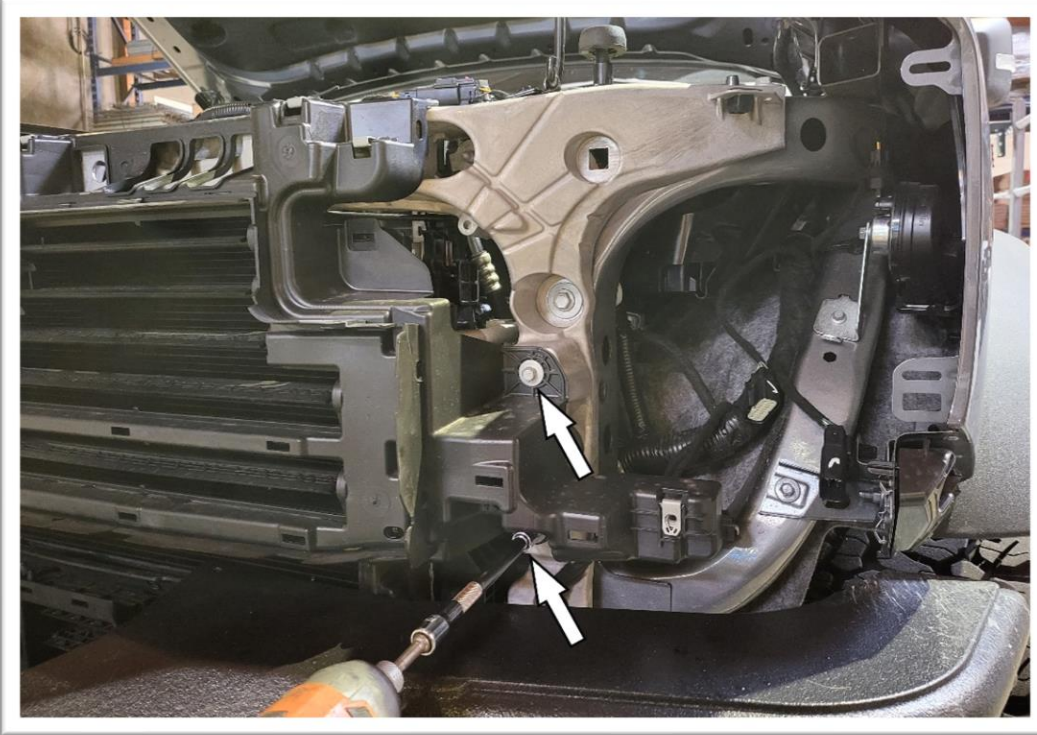


<<JERRY TO TAKE PIC OF OTHER BOLT>>

The headlights are held in place by retaining clip, pull towards you to unclip.



With both headlights removed, you can now remove the 4 remaining bolts to the active shutter.



Make sure you disconnect the plug to the active shutter.



Disconnect the retining clip that holds the harness in place, and reroute around the core support.

