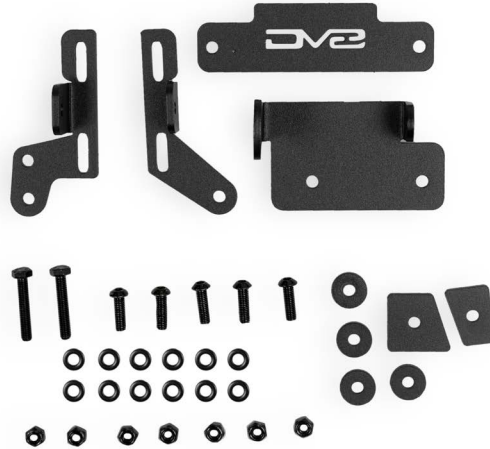


## ACC RELOCATION BRACKET

2021-2023 FORD F-150

ABFF-01



### TOOLS REQUIRED

- T30 Torque head socket
- #4 Allen Tool
- 10mm wrench/socket
- Preferred cutting tool
- Preferred wire loom
- Safety Glasses

### SKILL LEVEL

- Novice/Intermediate
  - 1 (you) to 2 persons
- Moderate skill level required, you can easily install it by yourself however, additional help will be useful

### TIME REQUIRED

- 2 Hours
- Time to install this should take about 2 hours

## WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

Before you install this kit – Read and understand all instructions, warnings, cautions, and notes contained in this installation instruction guide. Consult your vehicle owner’s manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.  
Customer Service: 855-680-9595

*DV8 Offroad is not responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.*

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle

- Always wear eye protection when operating power tools

*Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information*

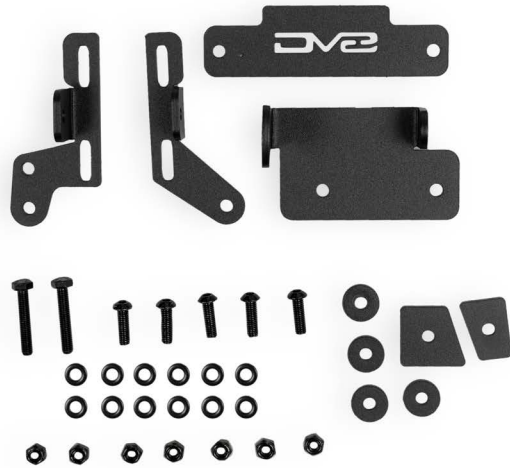
1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

# INSTALLATION MANUAL

Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.

## HARDWARE INCLUDED

- (2) M6x35mm Hex Bolts
- (5) M6x20 Allen Head Bolts
- (14) M6 Flat Washers
- (7) M6 Nylon Lock Nuts



**STEP 1** | Disconnect the main bumper harness connector located along the top side of the passenger side frame rail.

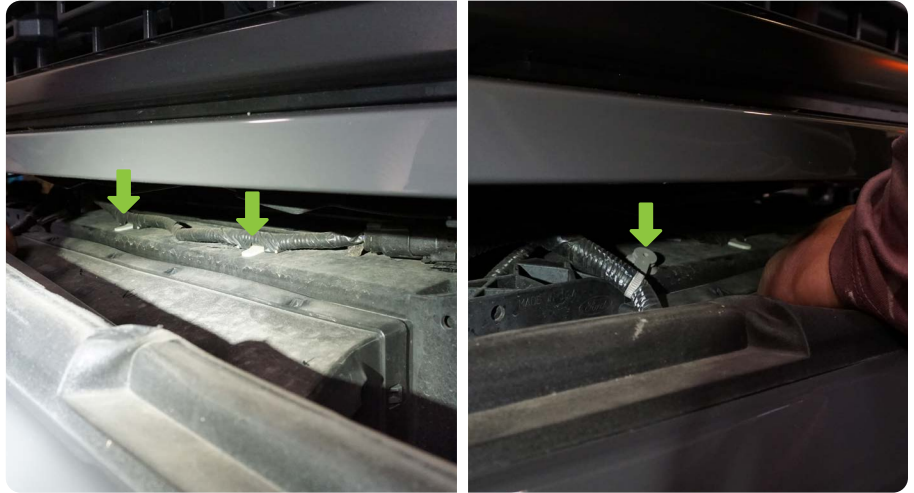


**STEP 2** | With assistance use a 21mm socket to remove the (3) mounting bolts per side that secures the factory bumper.

While removing the factory bumper disconnect the lower shutter motor and release the three clips that secure the harness to the lower shutter assembly (if equipped).



# INSTALLATION MANUAL

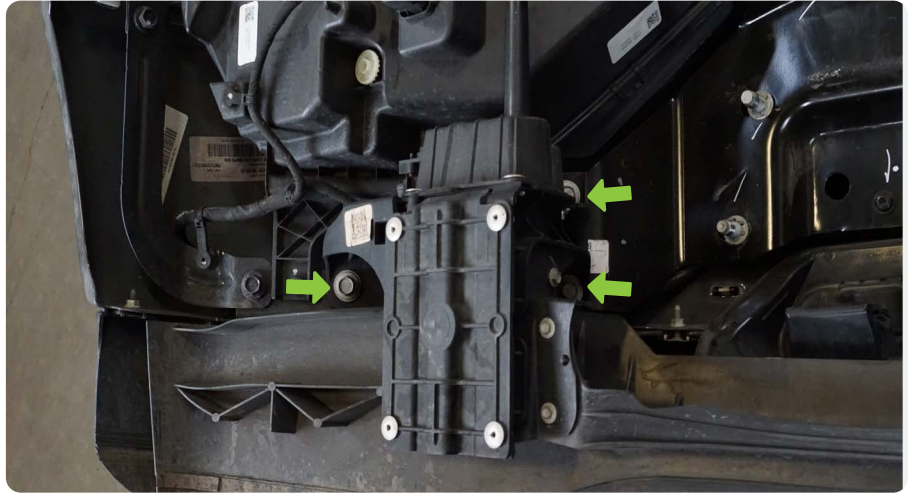


**STEP 3** | Remove the factory front bumper and set face down on a work bench, disconnect the spoiler system and use a 13mm socket to remove the (3) bolts per side that secures the factory spoiler system.

Remove the lower spoiler.

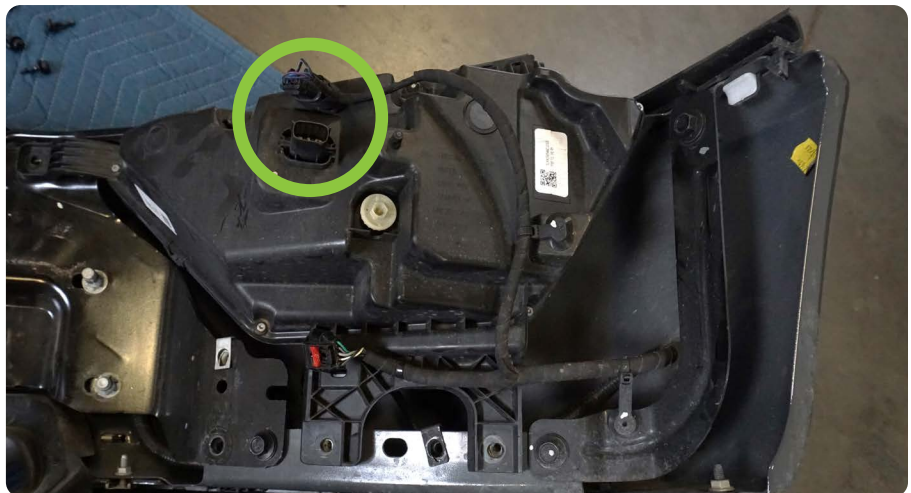
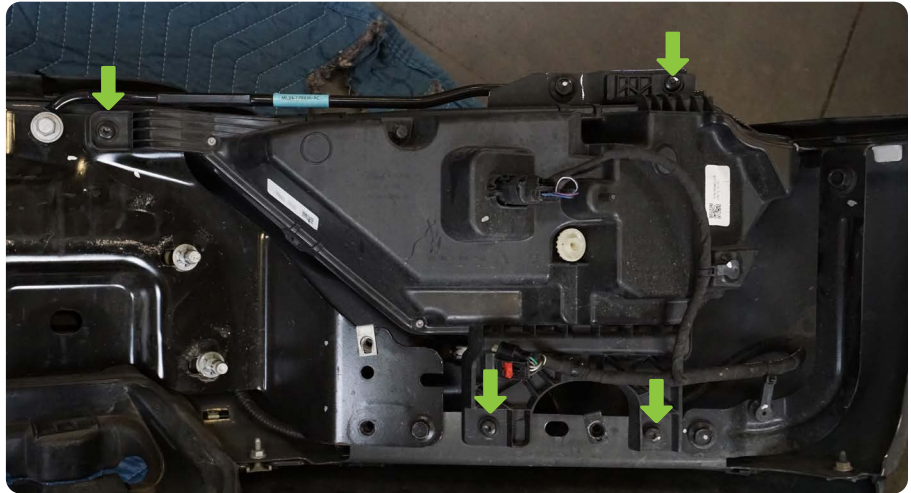


# INSTALLATION MANUAL



**STEP 4** | Use a T30 torx tool to remove the (4 per side) fog light assembly bolts.

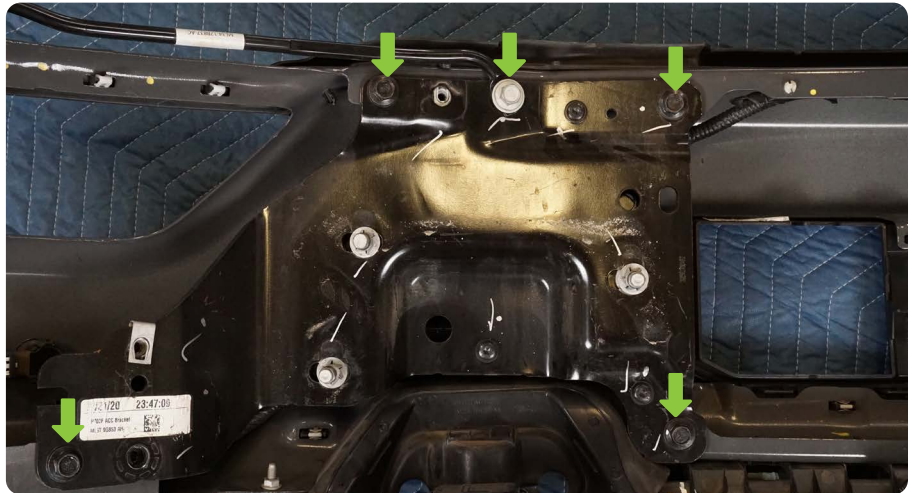
Disconnect the fog light harness and remove the fog light assembly.



# INSTALLATION MANUAL

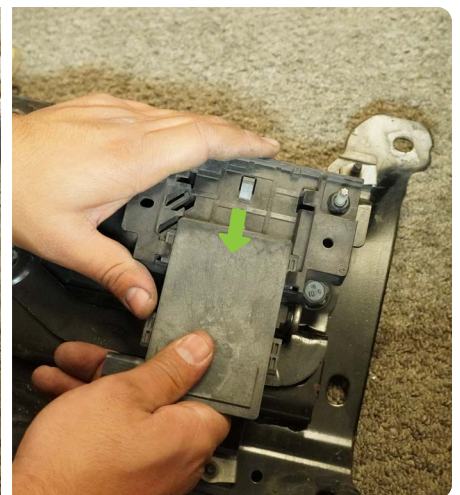
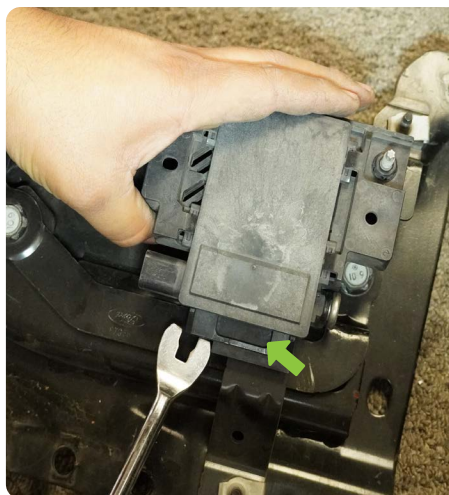
**STEP 5** | Use a 13mm socket to remove the (5) mounting bolts that secures the bumpers driver side structure.

Disconnect the ACC module and remove the bumper structure



**STEP 6** | Remove the ACC module by depressing the retaining clip and sliding the module down.

Set the module off to the side.



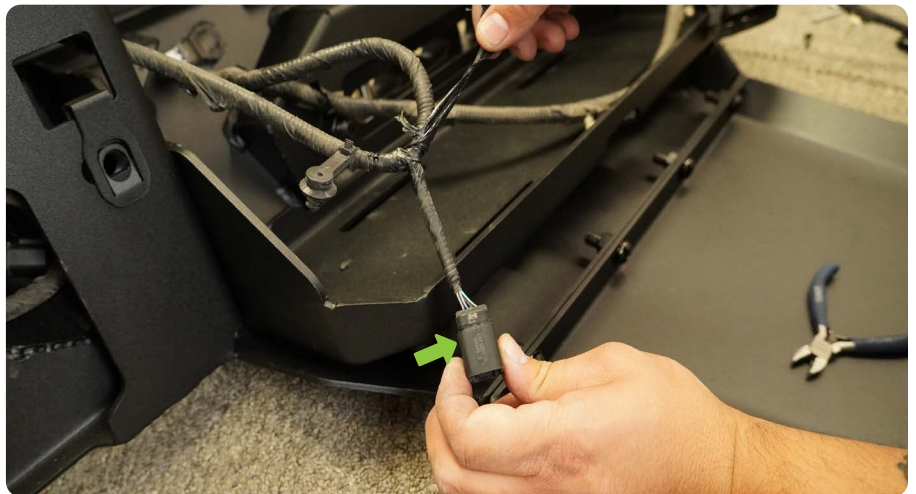
# INSTALLATION MANUAL

**STEP 7 |** Remove the front bumper harness from the OEM bumper by removing the plastic clips that hold the harness in place.



**STEP 8 |** Starting at the harness connector that goes to the ACC module, strip back the wiring loom from this point all the way back to the main connector.

Separate the ACC wires from the rest of the harness.



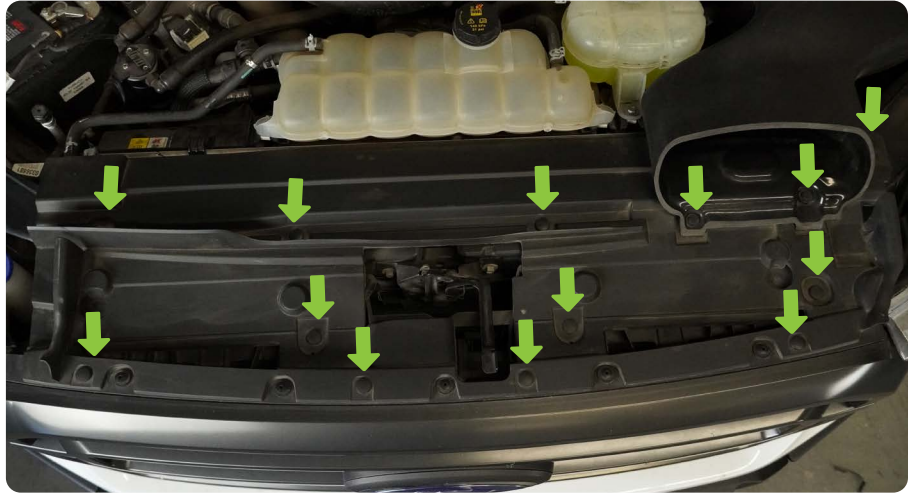
**STEP 9 |** With the ACC wires separated from the harness re-loom the ACC wires using your preferred wire loom.

For this install we used black electrical tape to re-loom the ACC wires.



# INSTALLATION MANUAL

**STEP 10** | Use a trim clip tool to remove the (13) push pins securing the radiator support cover.

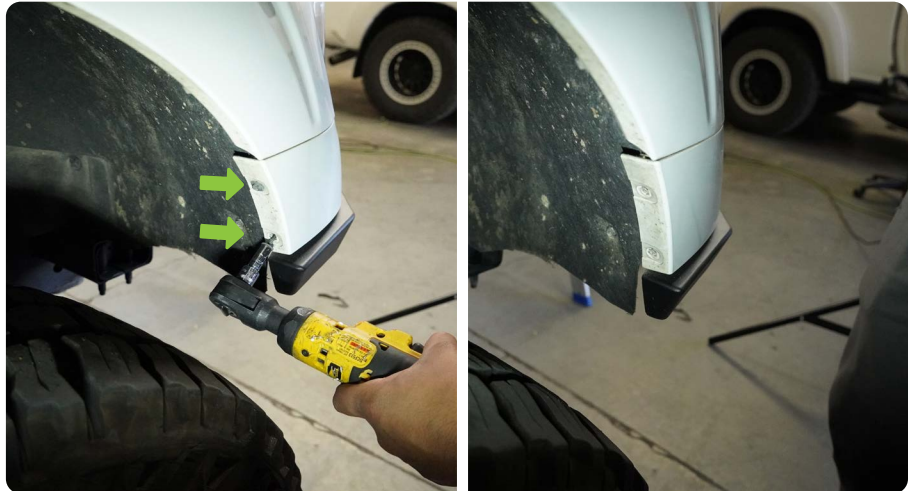


# INSTALLATION MANUAL

**STEP 11** | Use a 10mm socket to remove the (4) upper bolts that secure the top of the grille assembly.



**STEP 12** | Use a 6mm socket to remove the (2) bolts securing the lower fascia to the fender-well.



**STEP 13** | With a firm grip, remove the lower fascia from the vehicle.

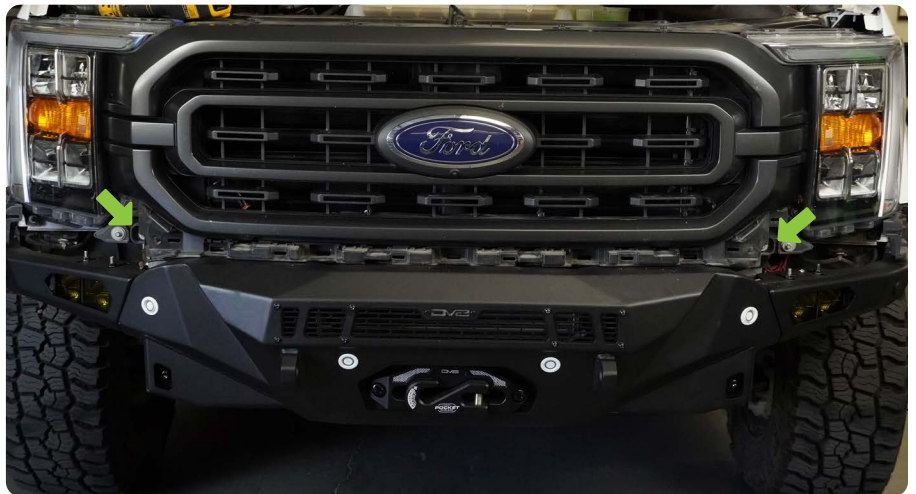
Note: A trim clip tool can be used to help remove the lower fascia.







**STEP 14** | Use a 8mm socket to remove the (2) lower bolts securing the grille.



# INSTALLATION MANUAL

**STEP 15** | Disconnect the upper shutter motor, front camera and front camera washer fluid hose.



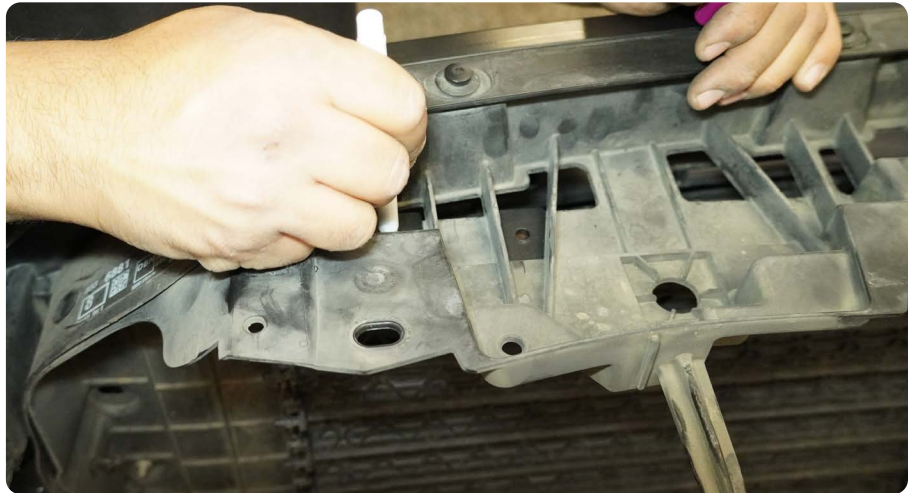
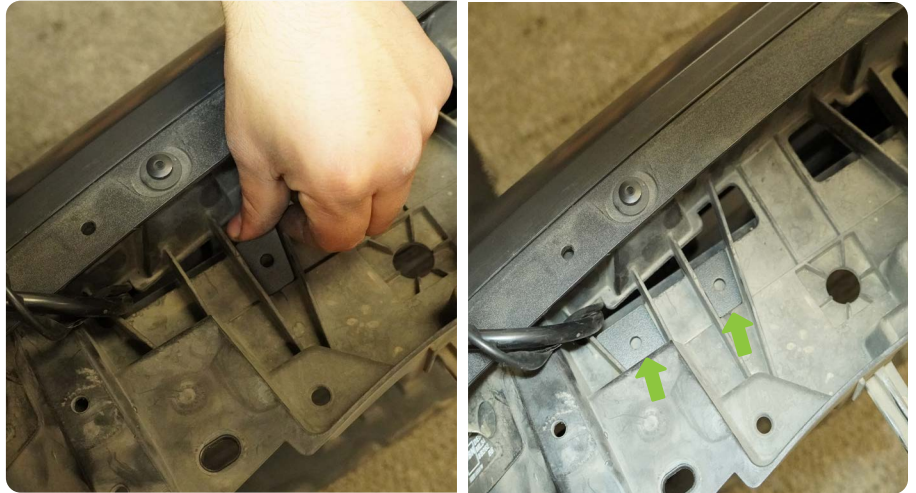
**STEP 16** | With a firm grip pull on the sides of the grille to pop the retaining clips. Remove the grille assembly and place on a covered work bench or on blanket face down to protect the paint finish.



# INSTALLATION MANUAL

**STEP 17** | Stand the grille assembly upright so that the Ford logo is facing towards you.

Install the (2) provide drilling template washers, down into the grooves of the grille on the driver side. Mark the holes you will drill for the ACC Relocation bracket.



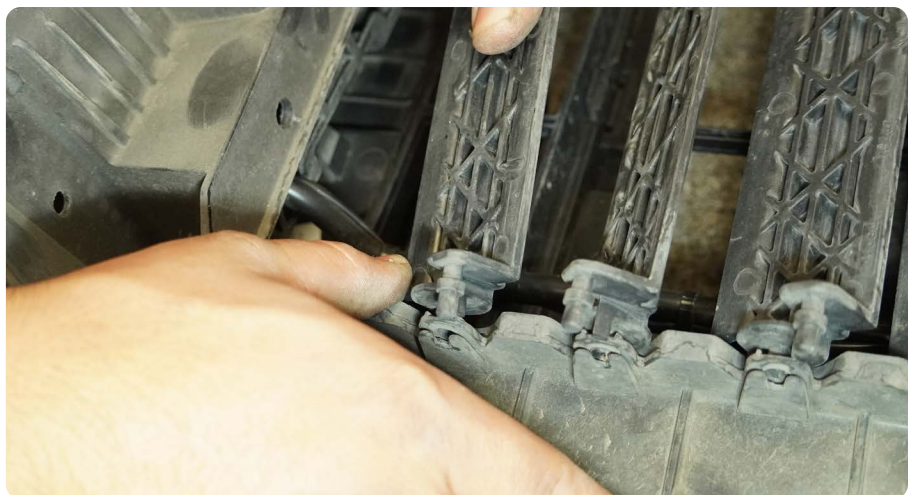
**STEP 18** | Remove the drilling template and use a 1/4" drill bit to drill out the (2) mounting holes



# INSTALLATION MANUAL

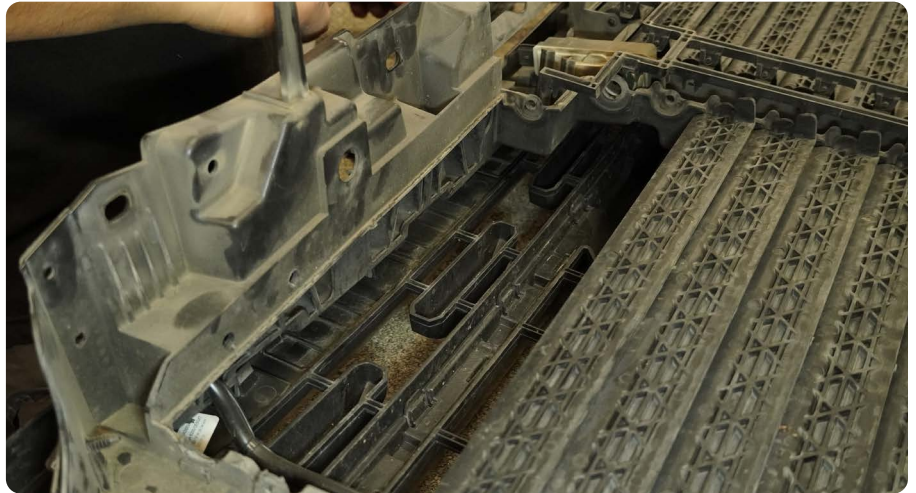
**STEP 19** | Use a trim clip tool to slightly pry up the upper shutter linkage.

Remove the (3) upper shutters from the driver side by bending the middle portion of the shutter outwards until there is enough clearance to release the outer peg.



# INSTALLATION MANUAL

**STEP 20** | With the outer peg freed, pull the shutter out of the inner peg hole.



**STEP 21** | Use your preferred cutting tool to make a small notch at the bottom and in the middle of the grille assembly as shown to route the



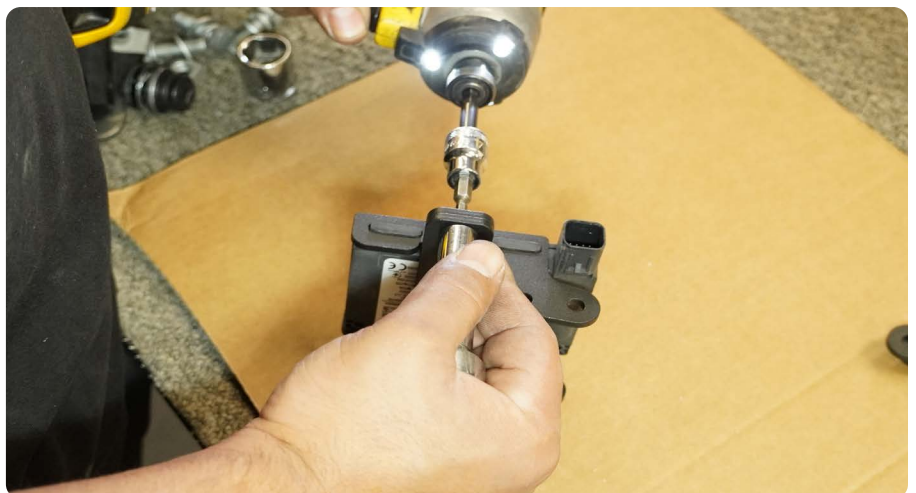
# INSTALLATION MANUAL

**STEP 22** | Assemble the DV8 ACC mounting brackets as shown onto the ACC module previously removed.

Use the provided M6 Allen head bolts and Nylon lock Nut hardware to loosely secure the ACC module within the provided brackets.



**STEP 23** | Use a #4 Allen tool and a 10mm socket/wrench to secure the M6 hardware.



# INSTALLATION MANUAL

**STEP 24** | Reinstall the provided drilling templates over the mounting holes previously drilled out on the top of the grille assembly.



**STEP 25** | Mount the upper portion of the bracket onto the grille as shown. Make sure the hex head M6 hardware is facing down. Be sure to mount the bracket with (2) of the provided spacers between the grille and shutter.

Secure the bracket using a 10mm socket and 10mm wrench.



## INSTALLATION MANUAL

**STEP 26** | Set the bracket/module in place. Use (3) of the provided M6 Allen head bolts and M6 hardware to loosely secure the bracket/module.



**STEP 27** | Adjust the tilt on your ACC module so that the module is parallel to the front face of the grille, and perpendicular to the ground. Secure the ACC module hardware in place using a #4 Allen tool and 10mm socket/wrench.



**STEP 28** | Reinstall the grille assembly by reversing steps 10-16.

If you are installing an aftermarket bumper, follow the installation part of that guide now. As you are putting the bumper back on the vehicle, you will have to fish the extended ACC wiring (from Step 9) through the grille to plug the module in.

If you are reinstalling your OEM bumper, install the wiring harness back onto the bumper, then reverse steps 1-7. As you are putting the bumper back on the vehicle, you will have to fish the extended ACC wiring (from Step 9) through the grille to plug the module in.





# INSTALLATION MANUAL

**STEP 29** | \*\*If your Adaptive Cruise Control is not sensitive enough you may have to go back and adjust the tilt. Pointing it higher (towards the sky) will make it less sensitive, while pointing it down (towards the ground) will make it more sensitive.\*\*

Congratulations, installation of the Adaptive Cruise Control Relocation Bracket is now complete.

