



UPPER REPLACEMENT GRILLE WITH LED LIGHTS & DRL

(2021-2022 F-150)

INSTALLATION INSTRUCTIONS

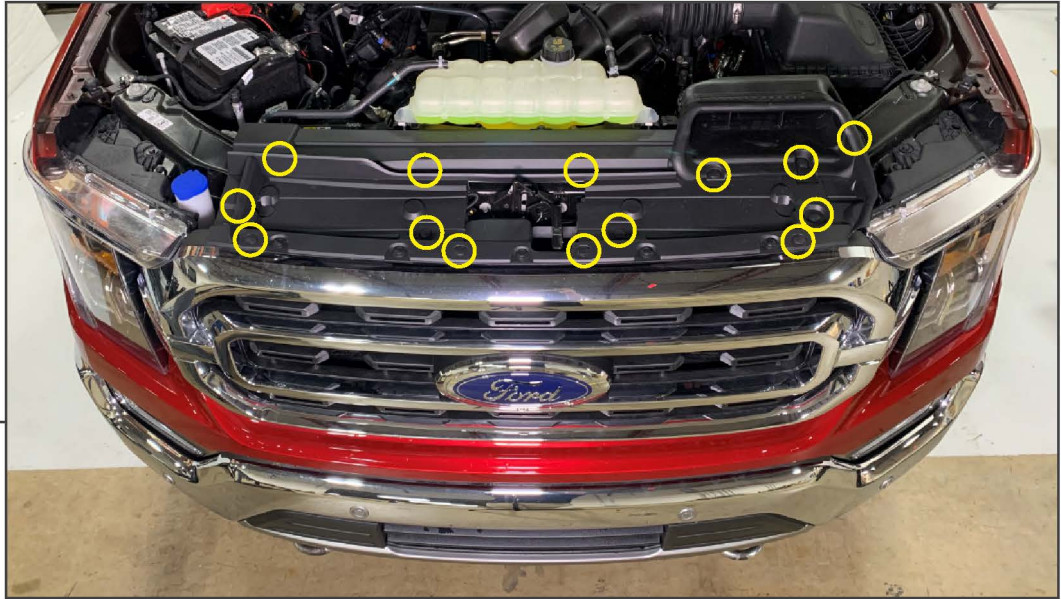
CONTENTS

- (1) Upper Replacement Grille
- (1) Pair of Mounting Panels
- (1) Pair of DRL Lights
- (1) DRL Wiring Harness
- (1) Upper Grille Lighting Kit
- (6) #4 x 8mm Phillips Screws
- (16) #8 x 20mm Phillips Screws
- (16) Metal Screw Washers
- (12) #10 x 15mm Phillips Screws
- (6) Zip Ties
- (4) Scotchlok Connectors

TOOLS REQUIRED

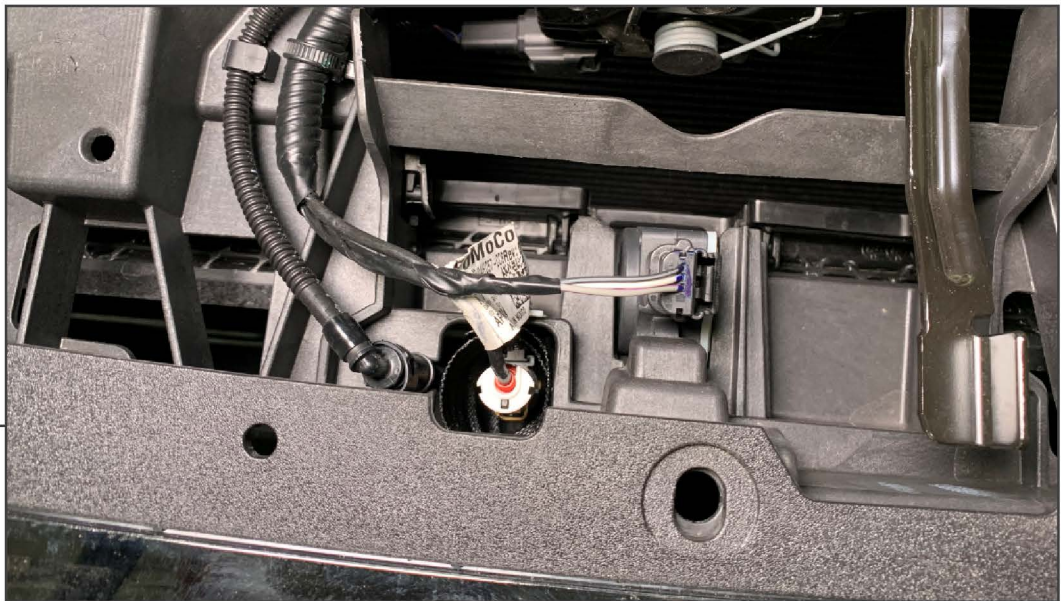
- 7mm, 8mm, 10mm, 14mm Sockets
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver
- Phillips Screwdriver

SKU # T564722



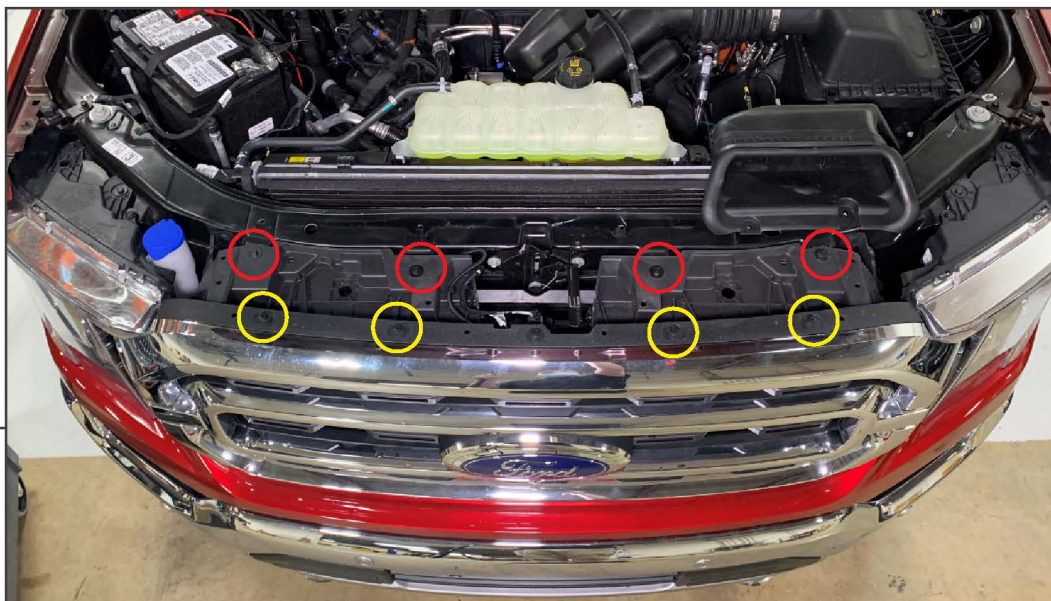
STEP 1

Remove (14) plastic push clips from the radiator cover. Remove radiator cover and set aside.



STEP 2

Unplug the electrical connectors under the hood release.



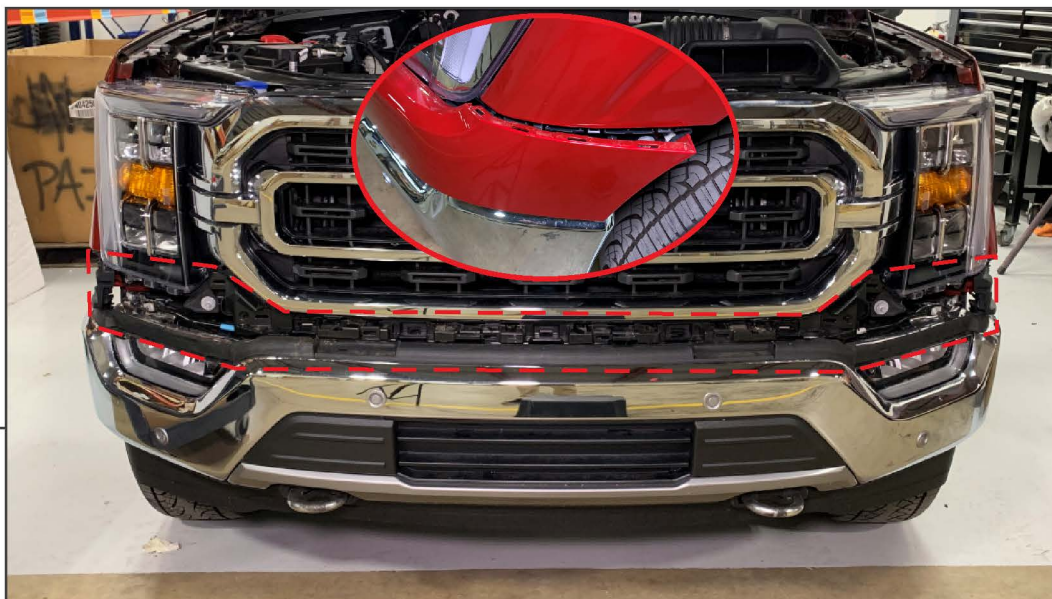
STEP 3

Remove (5) plastic push clips from the top of the grille. Remove (4) 10mm bolts from the radiator support to release the upper portion of the grille.



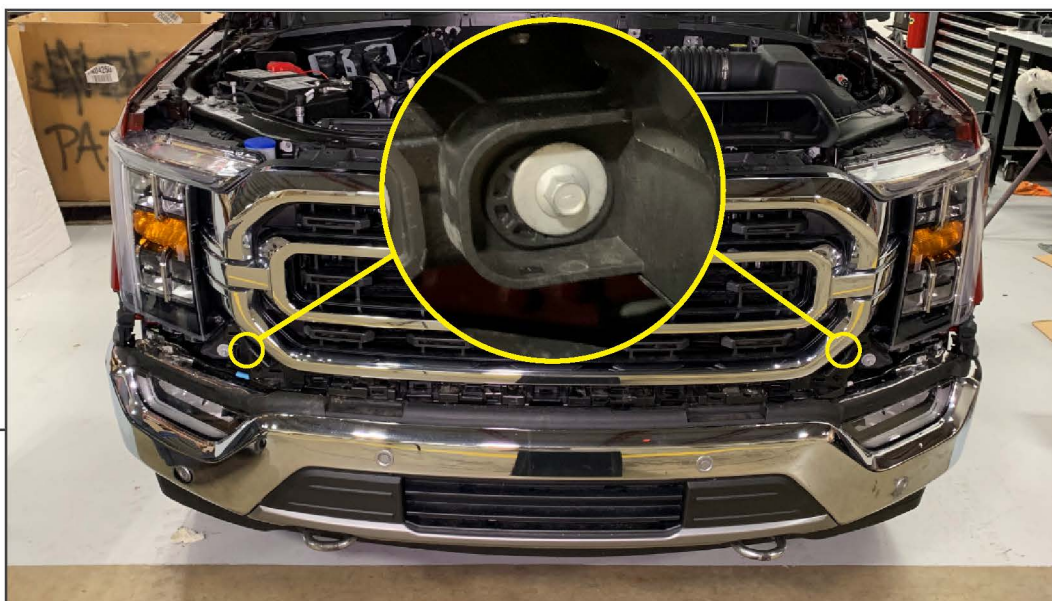
STEP 4

Remove (2) 7mm bolts from inside the fender well. Repeat this procedure to the opposite side.



STEP 5

Pull the bumper trim away from the fender. Repeat to the opposite side. Firmly pull the bumper trim evenly to dislodge the clips, then set the trim aside.



STEP 6

Remove (2) 8mm bolts from the bottom corners of the grille. Firmly pull the grille away from the vehicle. Place the grille on a soft surface for disassembly.



STEP 7

Remove (12) plastic clips from the lower portion of the grille. Remove the splash shield and set aside.



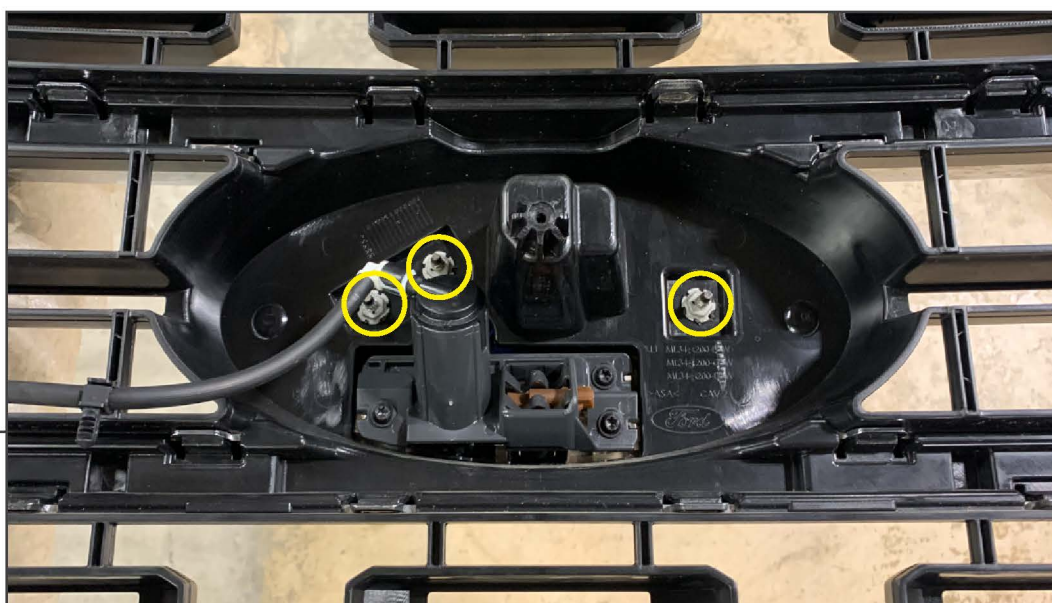
STEP 8

Remove (4) 10mm nuts from the shutter assembly attached to the grille. Remove (1) 8mm bolt from the center of the shutter assembly.

**STEP 9**

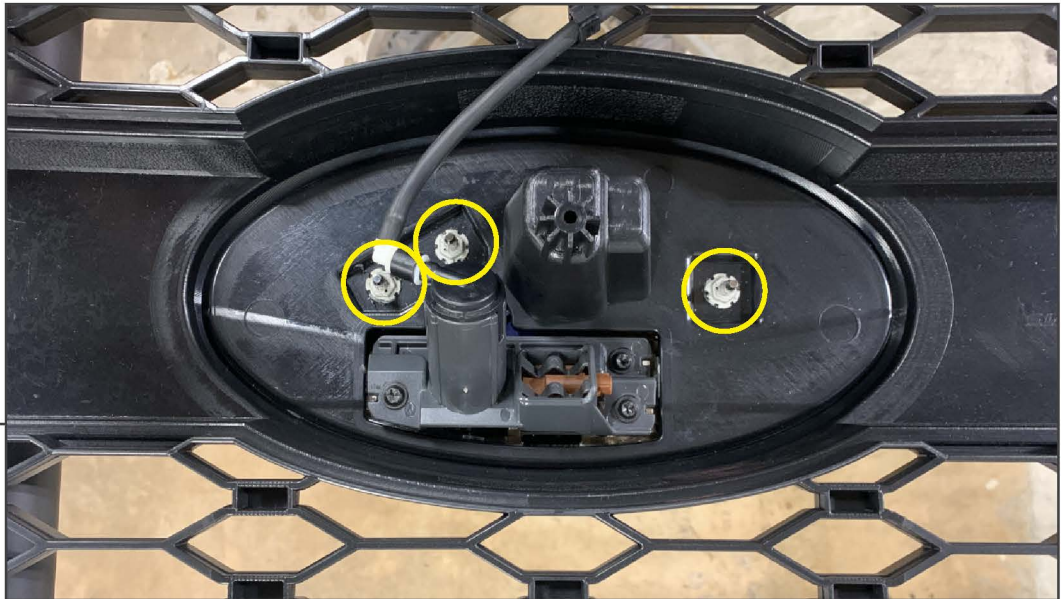
Press in the (3) metal tabs on the grille assembly while lifting upward on the shutter assembly to dislodge the shutter assembly from the grille. Remove shutter assembly from the grille.

Note: Depending on vehicle trim level, ensure any washer/electrical connectors are disconnected from the front emblem. Lift the shutter partly to gain access to any connectors.

**STEP 10**

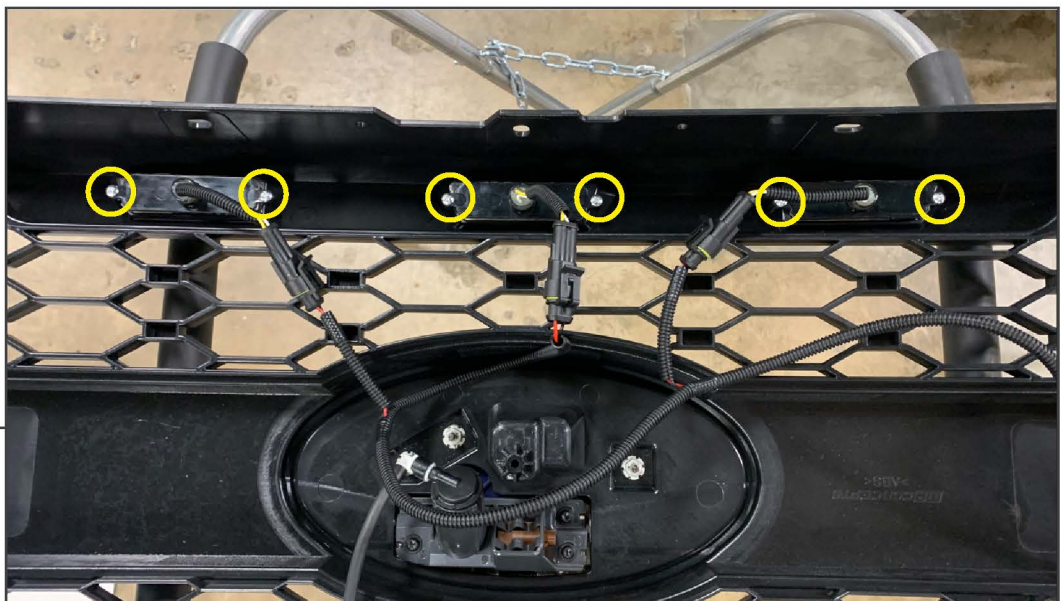
Remove the front emblem from the grille by removing (3) 10mm nuts.

Note: Hardware will be reused.



STEP 11

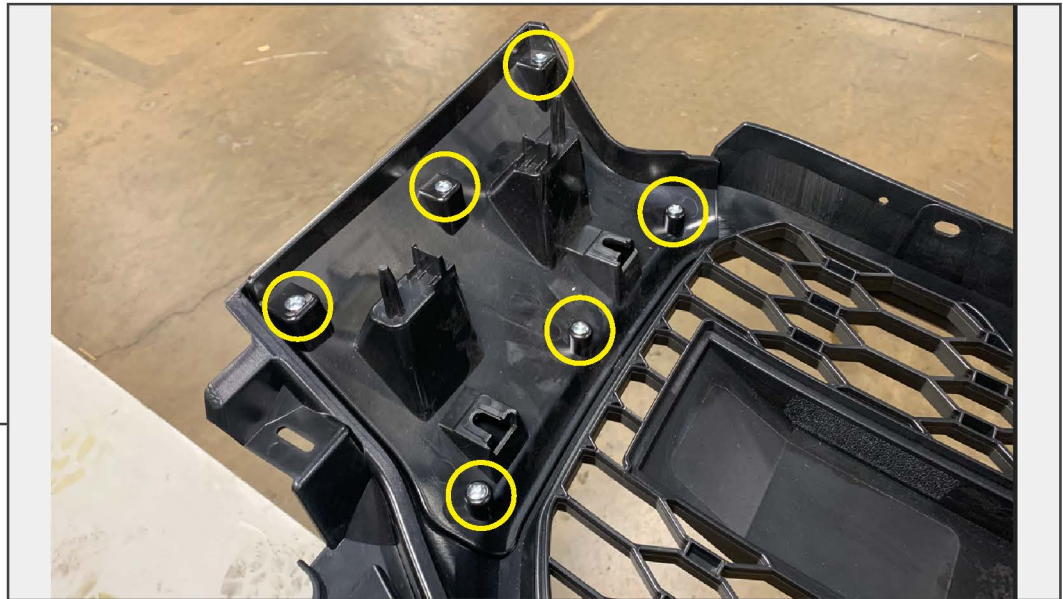
Place the new grille on a soft surface for assembly. Install the front emblem to the new grille using the original (3) 10mm nuts.



STEP 12

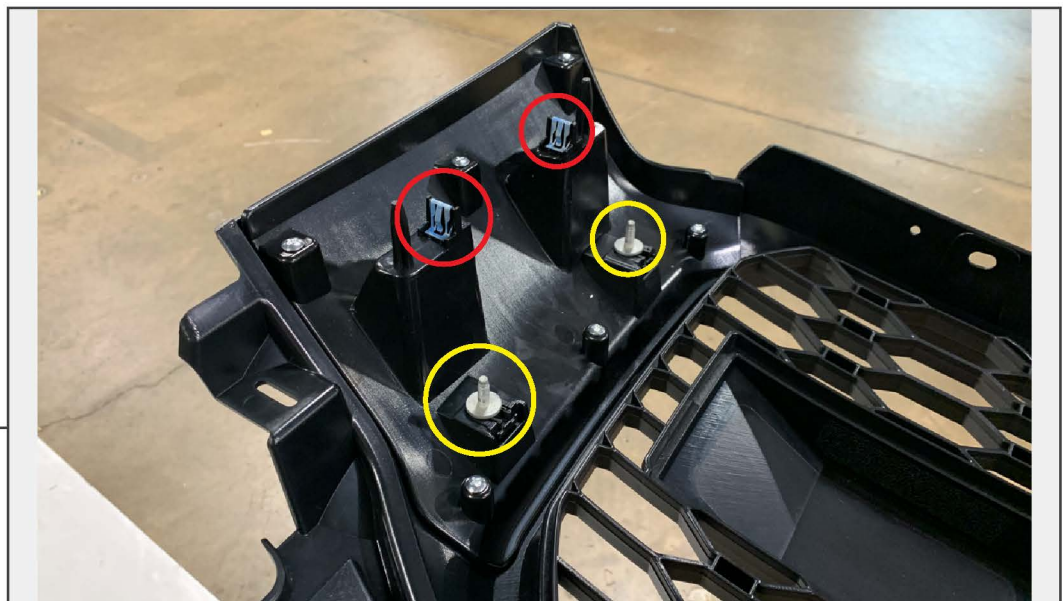
Install the LED lighting into the grille using (6) #4 Phillips screws. Ensuring to route the wiring harness towards the RH side of the vehicle. Neatly route the wiring across the grille using included cable ties.

STEP 13



Using the appropriate included mounting panel for each side of the grille, secure the mounting panels to the grille using (6) #10 x 15mm Phillips screws per panel.

STEP 14

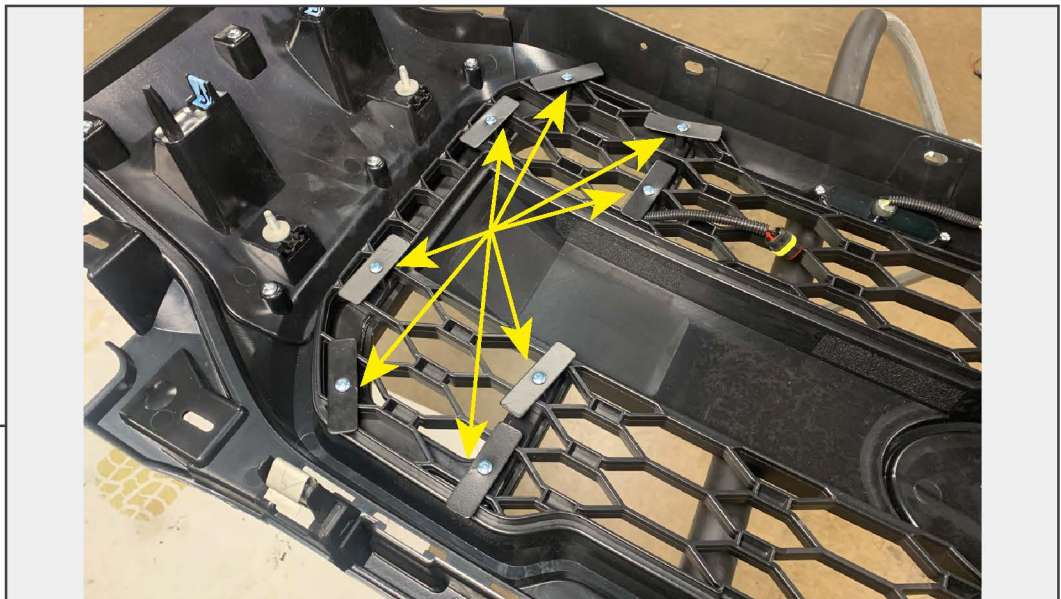


Transfer (2) studs and (2) metal clips from the original grille to the new grille mounting panel. Removal may require gentle prying with a flathead screwdriver.

Repeat this procedure for the opposite side mounting panel.

STEP 15

Transfer the (3) lower mounting clips from the original grille to the new grille. Removal may require gentle prying with a flathead screwdriver.

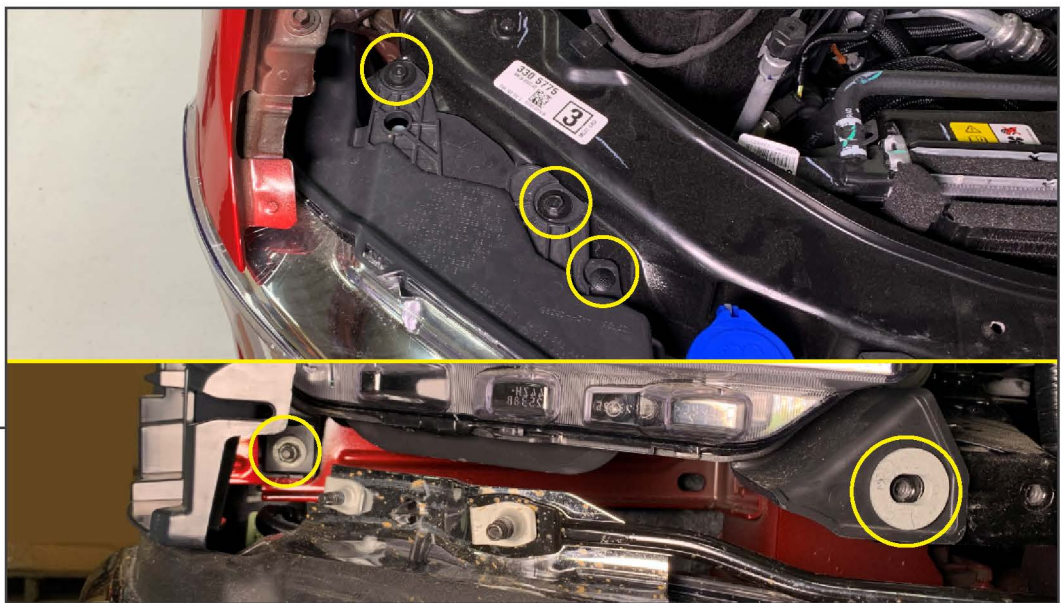
STEP 16

Place the DRL light over the outside of the grille. Secure the light in place using (8) metal screw washers and (8) #8 x 15mm Phillips screws. Ensure the screw washer is angled to prevent visibility when installed. Plug the wiring harness into the light and route towards the RH side of the vehicle.

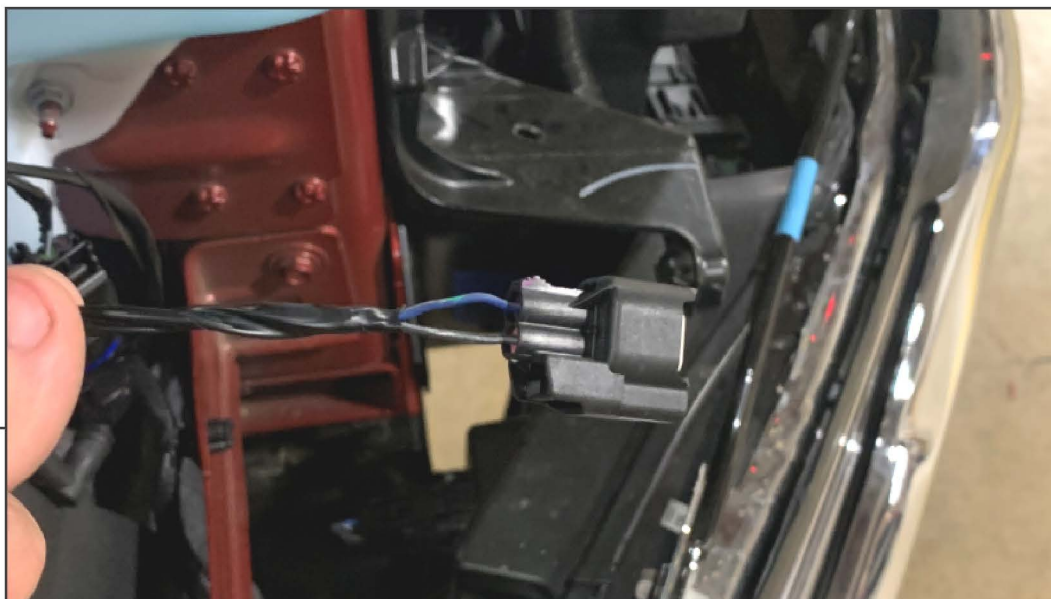
Repeat this procedure for the opposite side DRL light.

STEP 17

Re-install the shutter assembly and splash shield to the new grille re-using the original hardware.

**STEP 18
(WIRING)**

Remove the RH side headlight from the vehicle by removing (2) 10mm upper bolts, (1) plastic clip, (1) lower 8mm bolt, and (1) 10mm nut under the headlight. Firmly pull the light from the vehicle to disengage the (1) mounting stud at the top of the headlight.



**STEP 19
(WIRING)**

Unplug the parking light connector and tap into the circuit using (2) scotchlok connectors per wiring harness following the diagram below. Once the LED harnesses is connected, re-install the headlight following step 18 in reverse order of removal.

<u>Vehicle Harness</u>	-	<u>LED Harnesses</u>
Blue/White	-	Red (+)
Black/White	-	Black (-)



STEP 20

Install the grille into the vehicle following steps 1-6 in reverse order.

Installation is now complete.