



# UPPER REPLACEMENT GRILLE WITH LED DRL

(2021-2022+ F-150)

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## INSTALLATION INSTRUCTIONS

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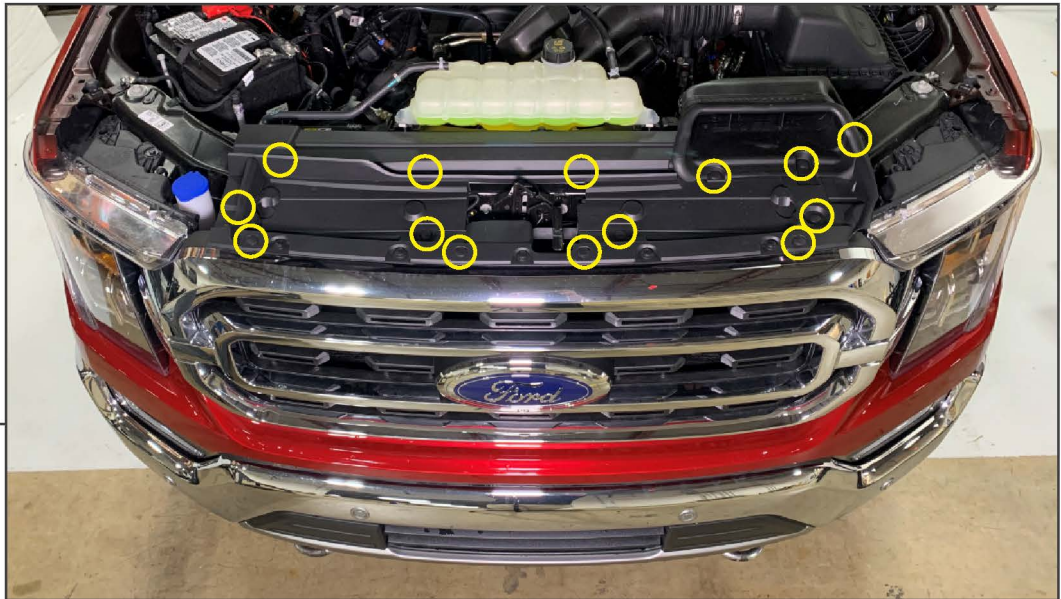
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- (1) Grille Assembly
- (1) DRL Wiring Harness
- (4) Phillips Screws
- (4) Flat Washers
- (1) Emblem Adapter

### TOOLS REQUIRED

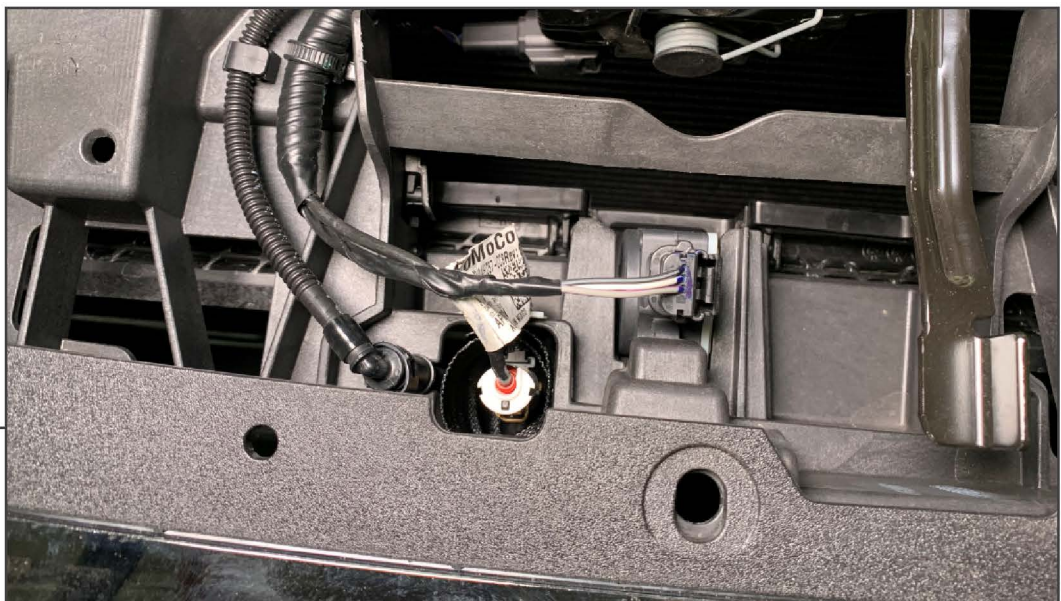
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- 7mm, 8mm, 10mm Sockets
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver
- Cutters



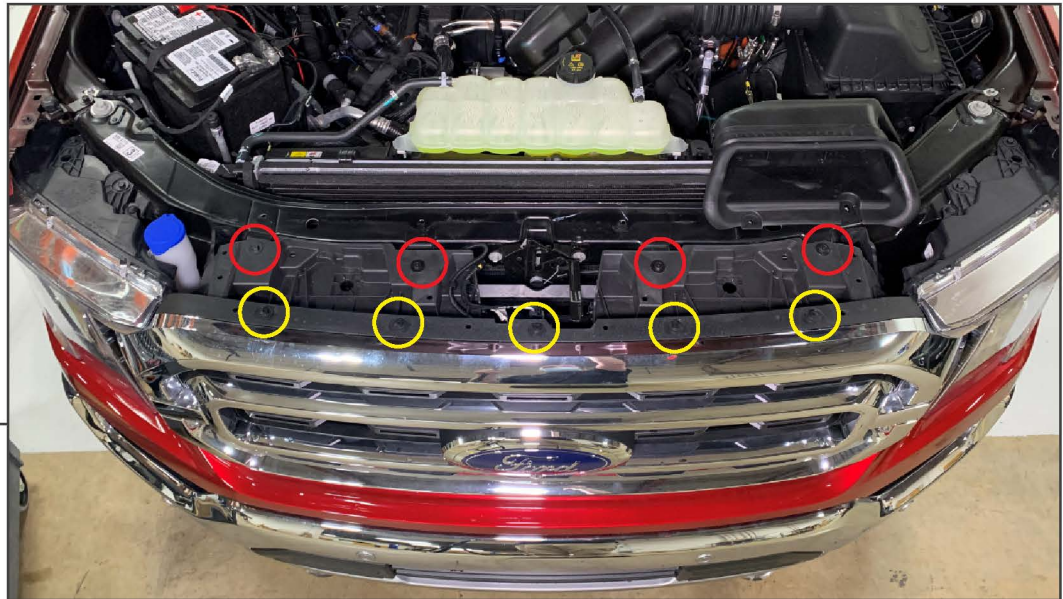
## STEP 1

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, if applicable.



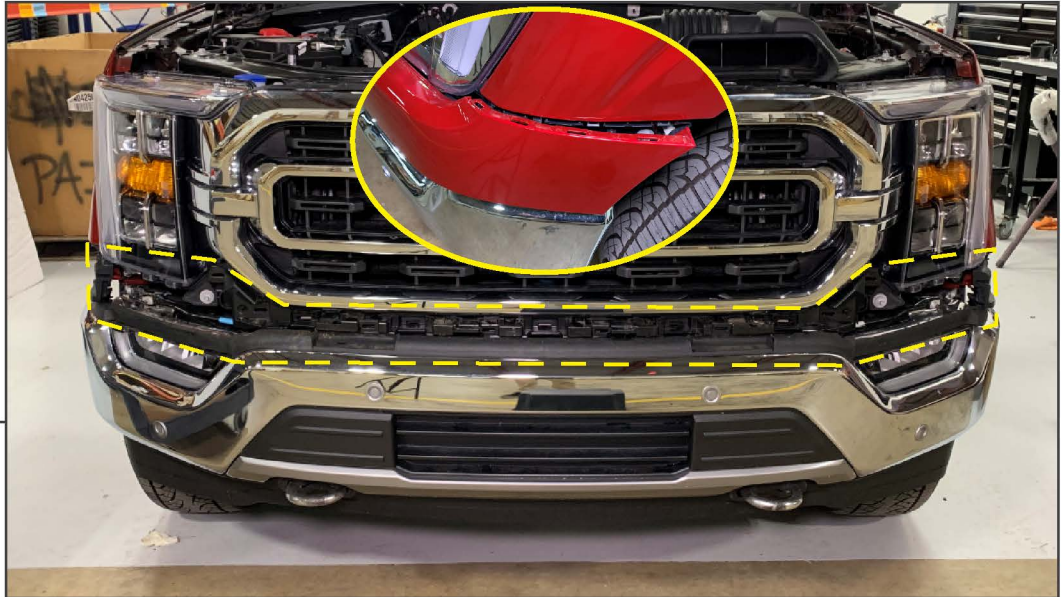
## STEP 3

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.



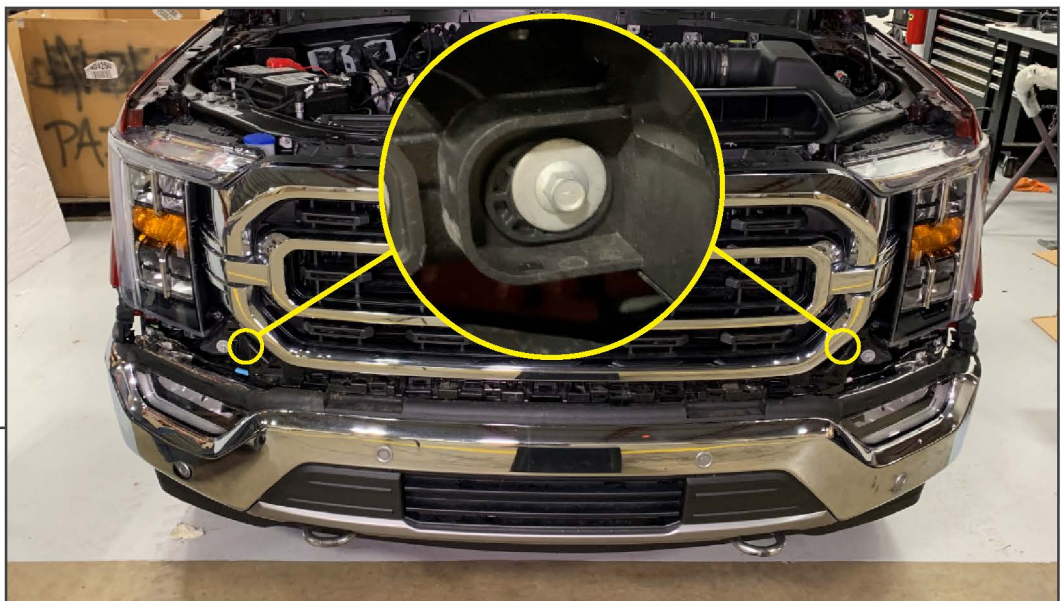
## STEP 4

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 by firmly pulling the trim away. Repeat to the opposite side. Firmly pull the bumper trim from the vehicle and set 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 (4) plastic clips from each side splash shield. Remove the splash shields and set aside.



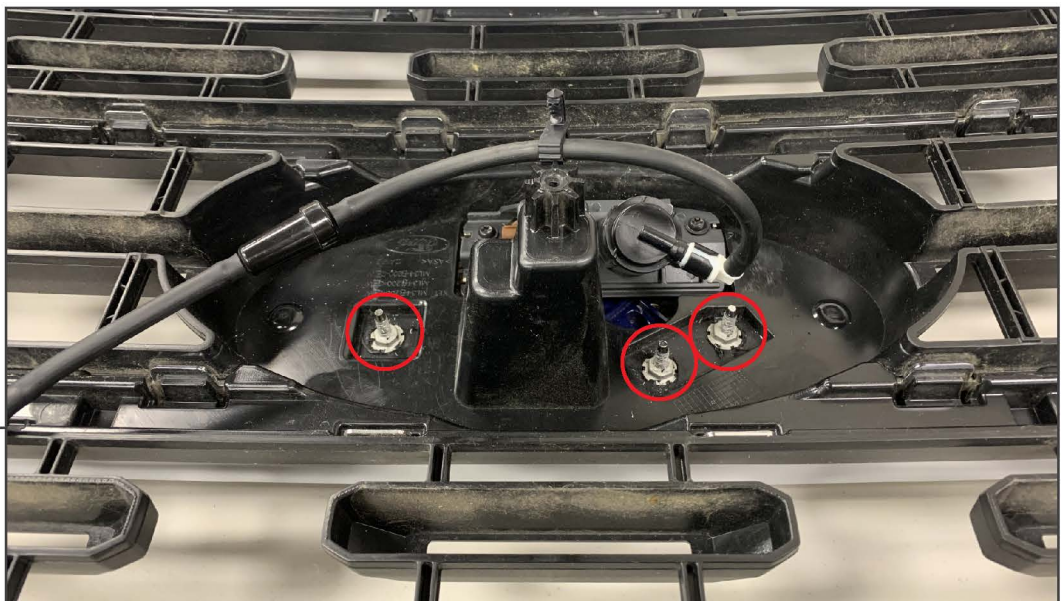
## STEP 8

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

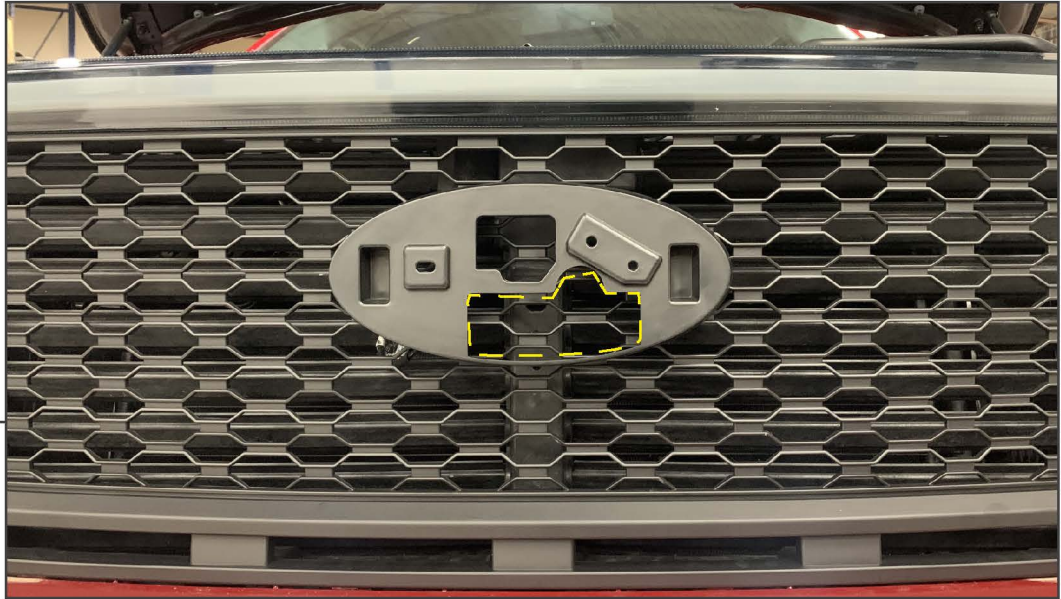
Press in the (3) metal tabs on the grille assembly while lifting upward on the shutter assembly to dislodge the shutter assembly from the grille. Tilt the grille and unplug the front camera/washer assembly hose, if applicable. Remove shutter assembly from the grille. Remove and transfer the (4) shutter mounting studs to the new grille.



## STEP 10

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

Hardware will be reused.

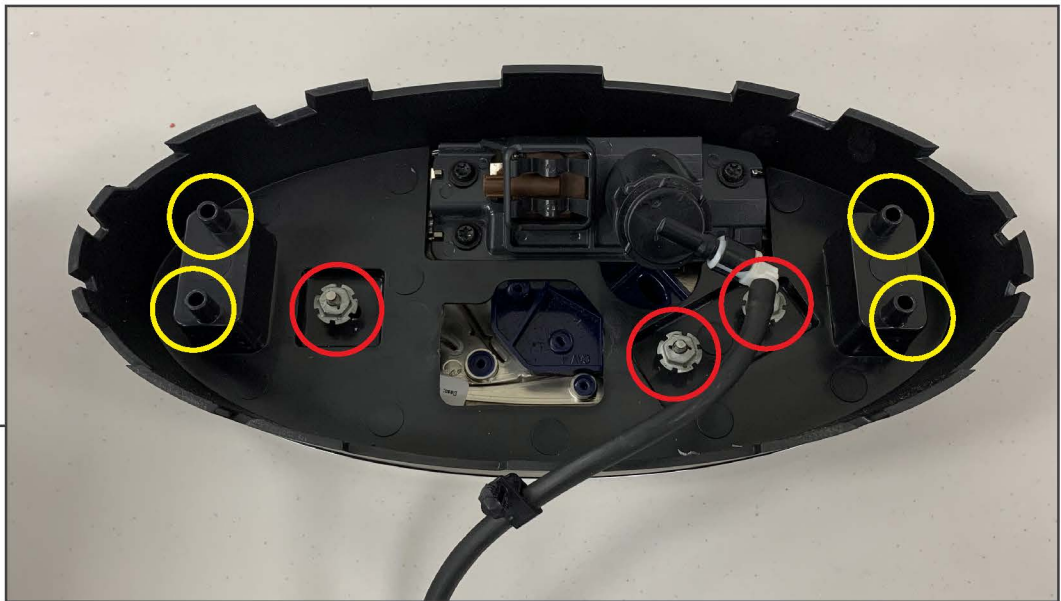


## STEP 11 (EMBLEM OPTIONS)

Align the (1) emblem adapter to the grille at the desired mounting location.

- For vehicles with front camera/washer assembly in the emblem, cut the area behind the emblem adapter to allow space for the front camera/washer assembly.
- For vehicles not equipped with front camera/washer assembly, no cutting is required.

**Note:** If vehicle is originally equipped with front camera/washer assembly and emblem is not installed, functionality may be sacrificed.



## STEP 12

Install the emblem to the adapter using the (3) original 10mm nuts. Secure the emblem and adapter assembly to the grille using the provided (4) Phillips screws and (4) flat washers.



## STEP 13

Place the shutter assembly onto the grille ensuring the (5) lower metal clips engage and the (4) shutter mounting studs are through the shutter assembly. Secure the shutter assembly to the grille reusing the original (4) 10mm nuts. Ensure the shutter assembly is seated correctly and not overlapping the wiring harness before tightening hardware. Plug in front emblem wiring harness/tube, if applicable.



## STEP 14

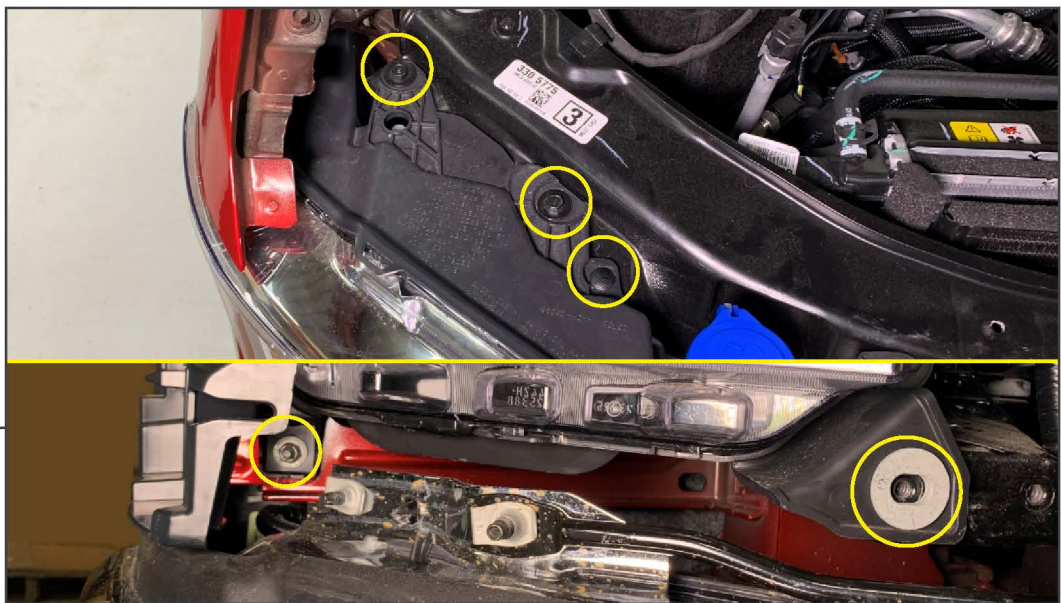
Install the lower splash shield using the (12) original plastic clips.





## STEP 15

Route the LED wiring harness towards the passenger side headlight assembly. Align the grille assembly to the vehicle and secure the grille to the vehicle re-using original hardware.



## STEP 16

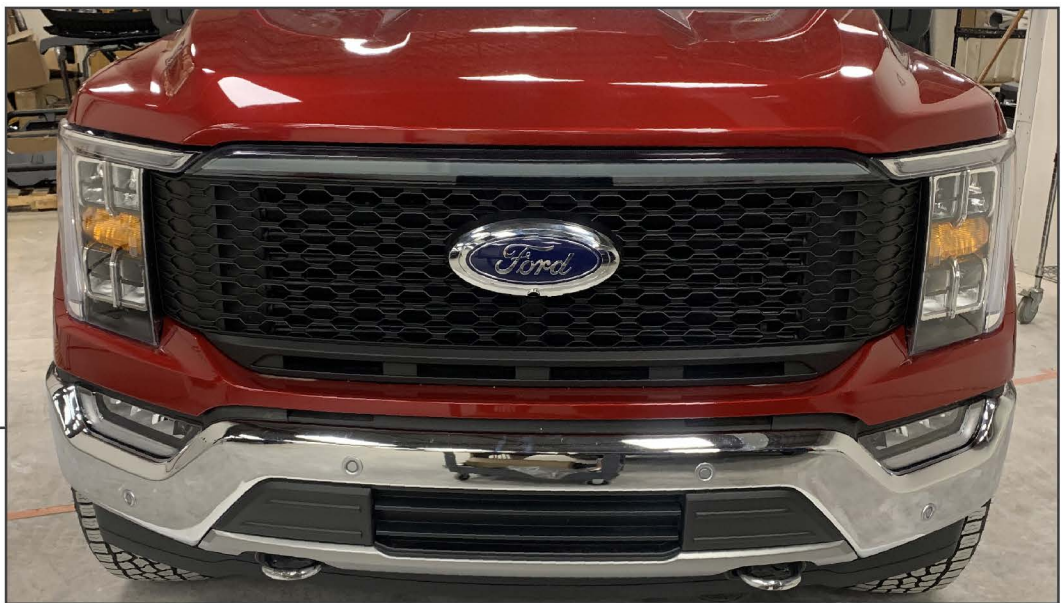
Remove the passenger side headlight from the vehicle by removing (2) 10mm upper bolts, (1) plastic clip, (1) lower 8mm bolt, and (1) 10mm nut under the headlight. Firmly pull the light from the vehicle to disengage the (1) mounting stud at the top of the headlight.



## STEP 17

Unplug the main headlight wiring harness. Plug in the 'T' harness into the headlight and the vehicle harness. Neatly route the grille lighting harness to the rear of the headlight and plug the harnesses together.

Once the LED harness is connected, re-install the headlight following step 16 in reverse order of removal.



## STEP 18

Install the grille into the vehicle re-using the original hardware following steps 1-6 in reverse order.

Installation is now complete.