

# GRILLE WITH LED LIGHTING

(2021-2023+ F-150)

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## INSTALLATION INSTRUCTIONS

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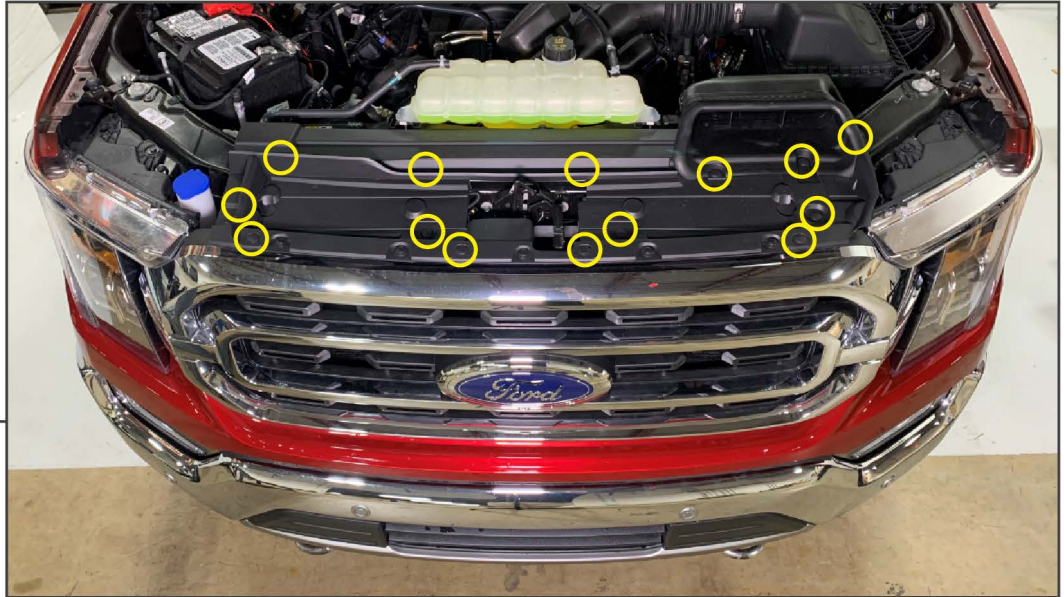
- (1) Grille Assembly
- (1) Emblem Adapter Ring
- (1) DRL Harness
- (1) LED Headlight 'T' Harness
- (1) Halogen Headlight 'T' Harness

### TOOLS REQUIRED

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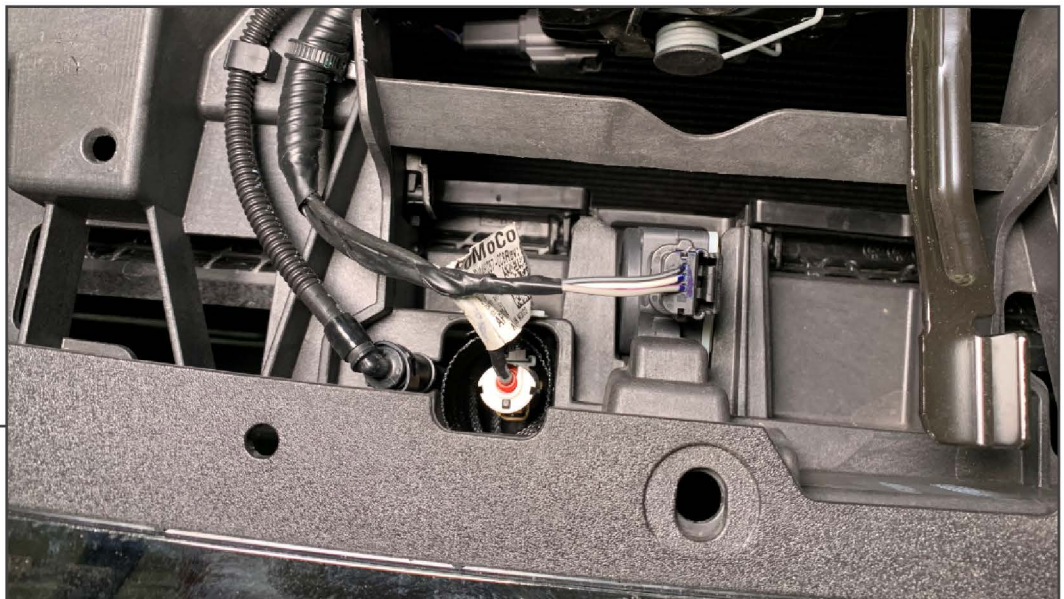
- 7mm, 8mm, 10mm Sockets
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver

**STEP 1**

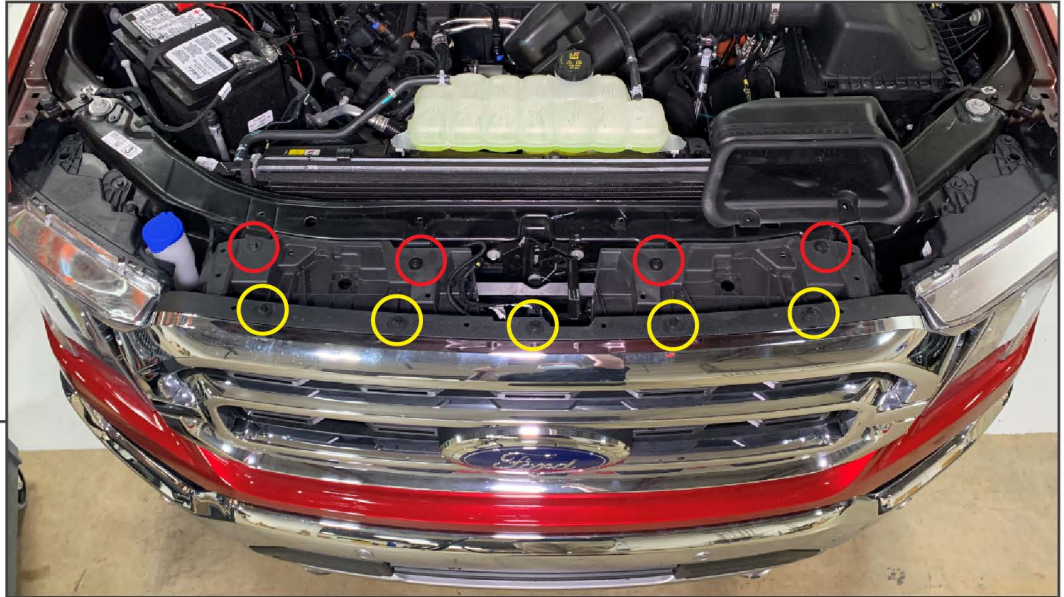


Remove (14) plastic push clips from the radiator cover. Remove radiator cover and set aside.

**STEP 2**



Unplug the electrical connectors under the hood release, if applicable.



### STEP 3

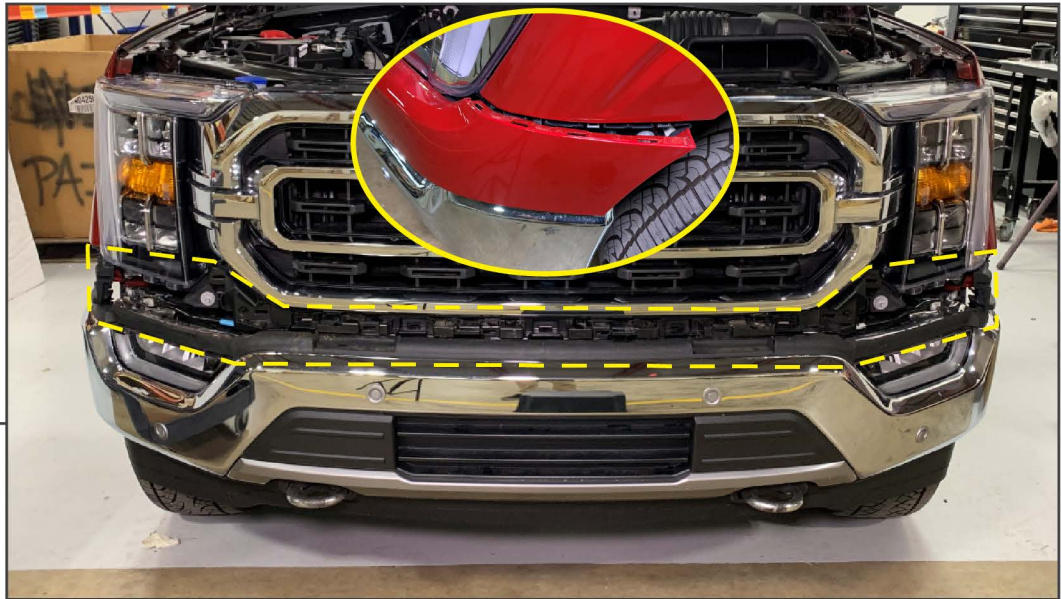
Remove (5) plastic push clips from the top of the grille. Remove (4) 10mm bolts from the radiator support to release the upper portion of the grille.



### STEP 4

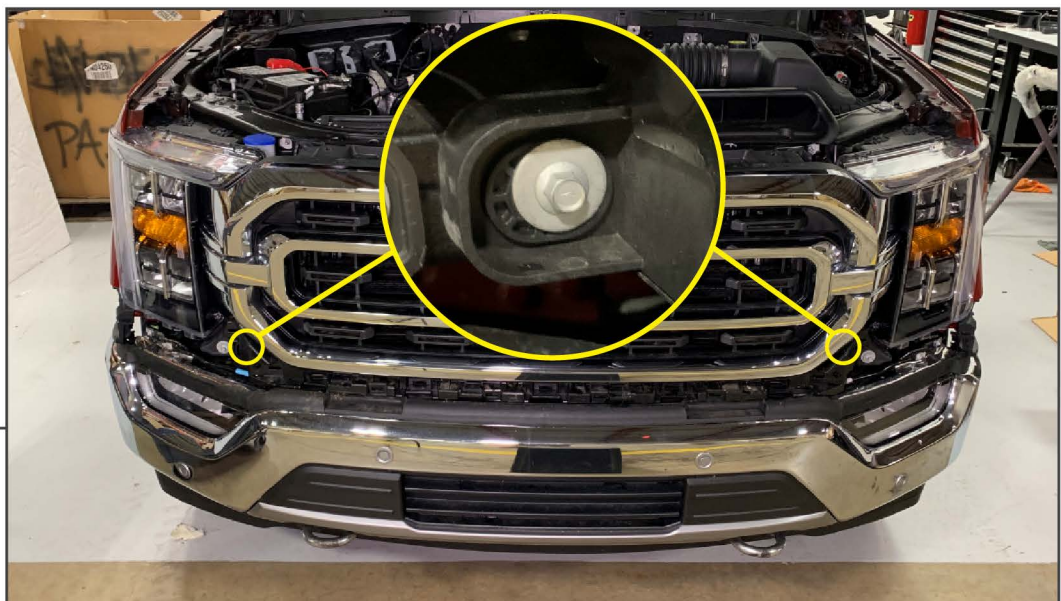
Remove (2) 7mm bolts from inside the fender well. Repeat this procedure to the opposite side.





**STEP 5**

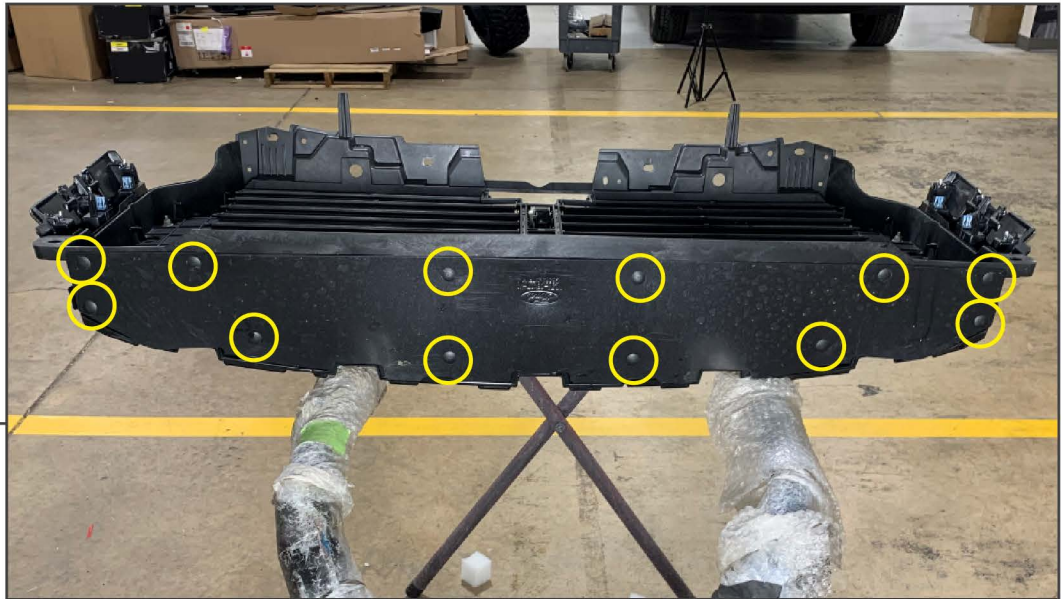
Pull the bumper trim away from the fender by firmly pulling the trim away. Repeat to the opposite side. Firmly pull the bumper trim from the vehicle and set aside.



**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.

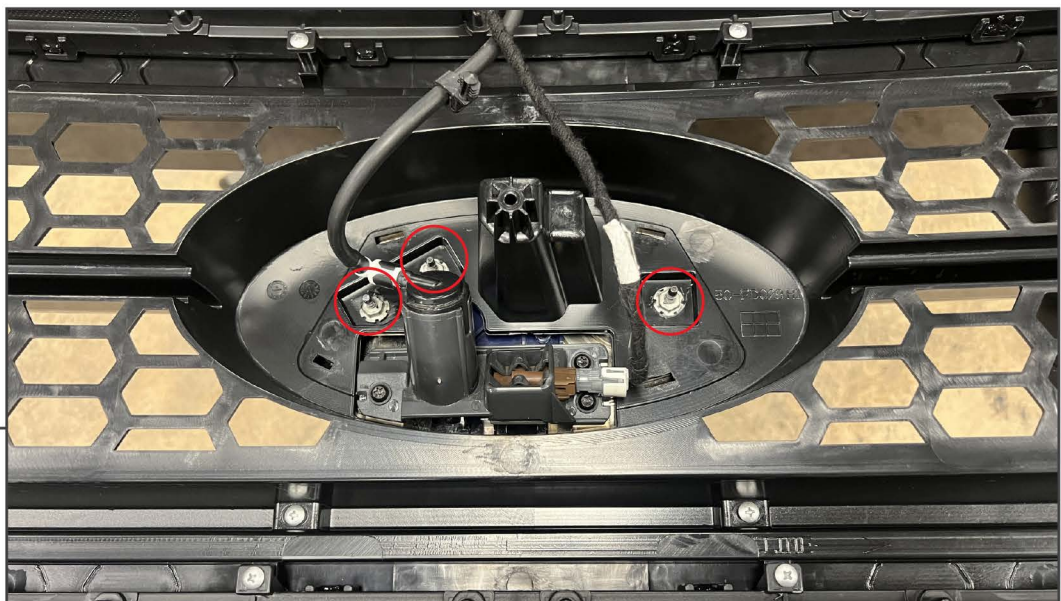


## STEP 9



Press in the (3) metal tab clips 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.

## STEP 10

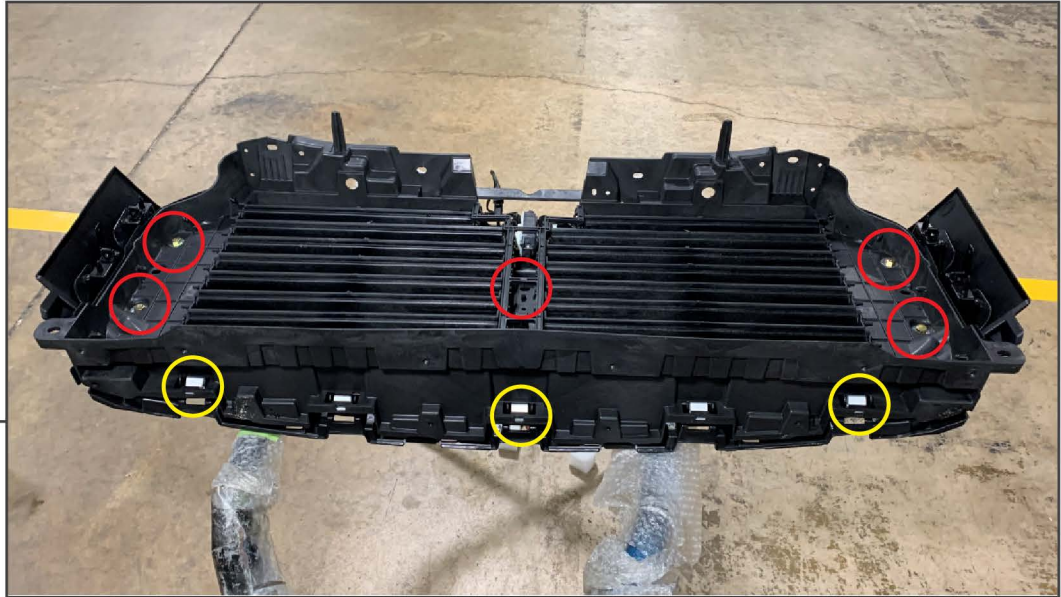


Remove the front emblem by removing (3) 10mm nuts from the back of the emblem.

Place the new grille on a soft workable surface. Install the OEM grille emblem to the new grille using the original (3) 10mm nuts. Then, route the washer line and wiring harness towards the top of the grille if equipped.

Note: Depending on vehicle trim level, the included emblem adapter ring may be required.

**STEP 11**



Verify the grille lighting harnesses are routed to the top of the grille. Then, place the vehicle shutter assembly onto the new grille, and engage the pre-installed lower metal tab clips. Secure the shutter assembly into place using the original (4) 10mm nuts and (1) 8mm screw, tighten hardware evenly until secure.

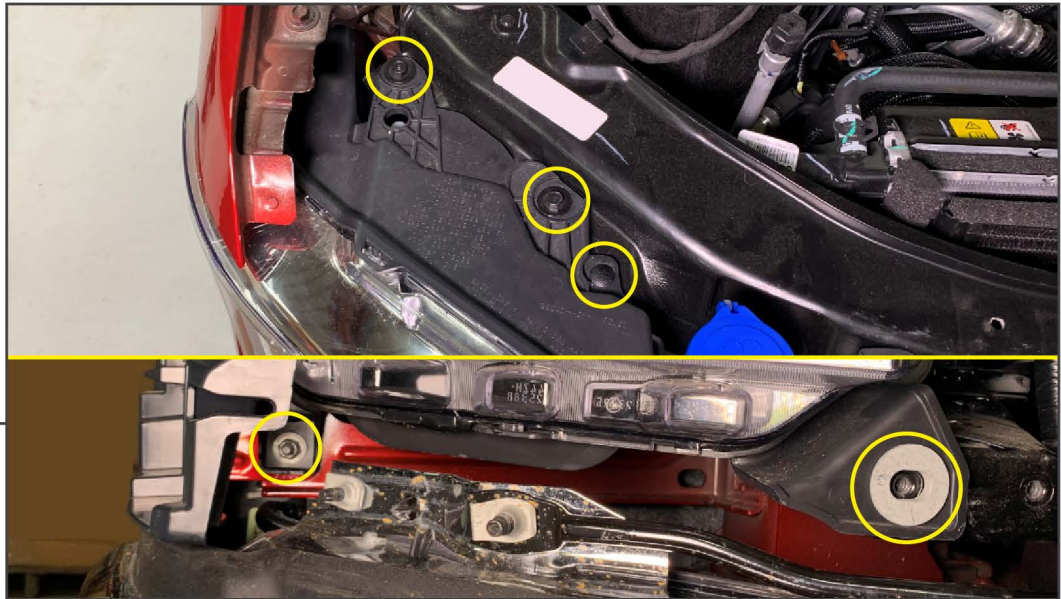
**STEP 12**



Re-install the lower shutter assembly splash shield.



### STEP 13



Remove the RH side headlight assembly by removing (2) 10mm upper bolts, (1) plastic clip, (1) lower 8mm bolt, and (1) 10mm nut under the headlight.

Depending on vehicle trim level, use the appropriate 'T' harness between the vehicle harness and the headlight connector. Then, route the grille lighting leads towards the grille and re-install the headlight using the original hardware.

### STEP 14



Route the DRL harness from the fuse box to the RH side headlight mounting point. Plug the harness into the available 'T' harness connector. Fit the fuse tap into **fuse # 22**. The grille lighting will power on with key on power.



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**STEP 15**



Fit the grille to the vehicle, and plug in the grille lighting connectors into the 'T' harness.

Secure the grille to the vehicle using OEM hardware.

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**STEP 16**



Re-install the vehicle components following steps 1-6 in reverse order.

Installation is now complete.