

# ***SPEEDFORM***

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## **ST LED GRILLE**

(2024+ MUSTANG)

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### INSTALLATION INSTRUCTIONS

#### CONTENTS

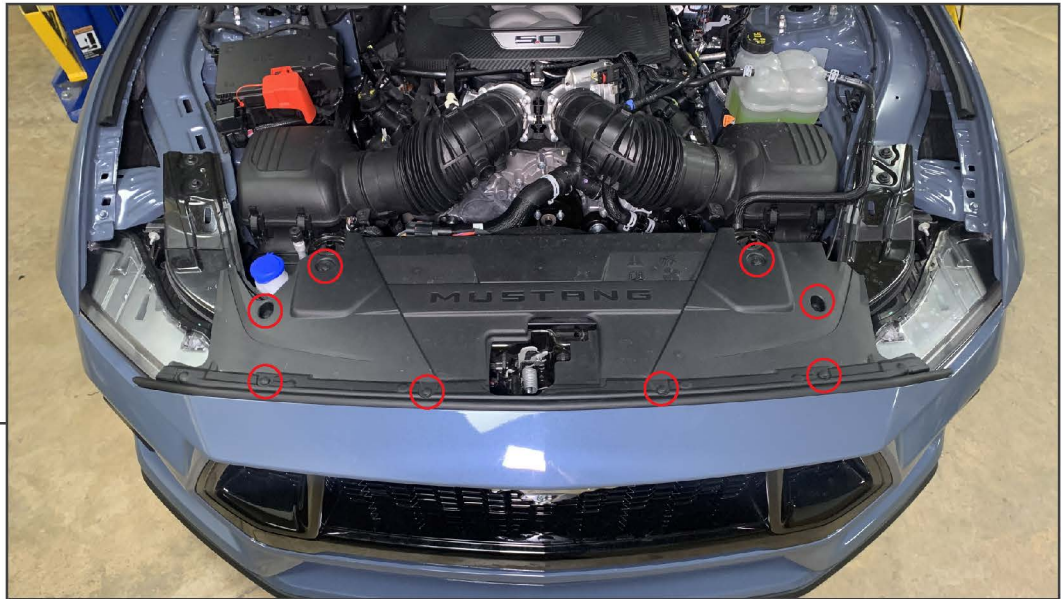
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- (1) Upper Replacement Grille
- (1) Wiring Harness
- (1) Fuse Tap
- (1) Ring Terminal

#### TOOLS REQUIRED

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- 7mm, 10mm Socket/Wrench
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver
- Floor Jack
- Jack Stands



## **STEP 1**

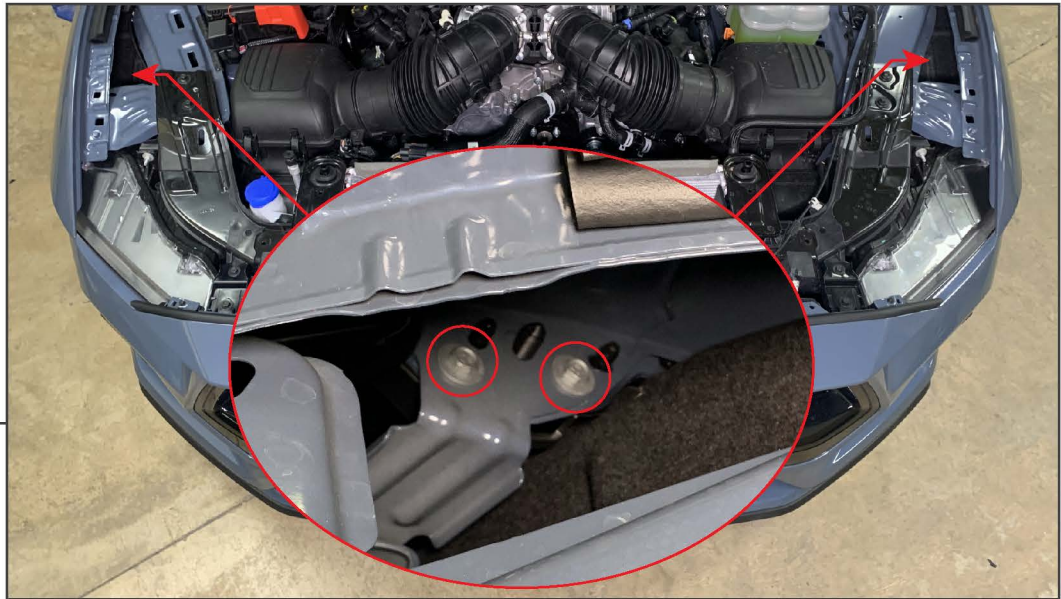
Safely lift and support the front of the vehicle using a floor jack and jack stands.

Open the vehicle hood. Remove the (8) plastic push clips from the radiator cover, then remove the cover from the vehicle.



## **STEP 2**

Using a panel removal tool, remove each end of the weatherstripping from the vehicle chassis. Then, remove (7) 7mm screws from the top of the bumper.



## STEP 3

Remove (2) 10mm bolts from each side of the vehicle disconnecting the bumper from the fenders.

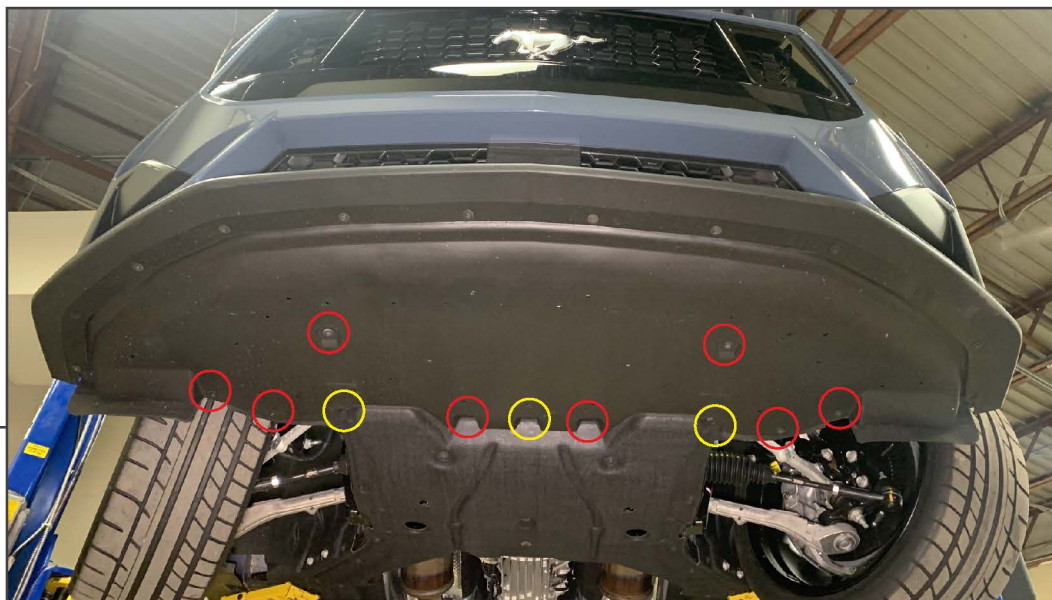


## STEP 4

Remove (6) plastic push clips from the inner fender liner on each side of the vehicle. Turn the vehicle wheel to gain better access if necessary.

**LH Side:** Unplug the side marker lamp connector and the bumper lighting harness connector.

**RH Side:** Unplug the side marker lamp connector.



## **STEP 5**

From under the vehicle, remove (8) 7mm screws and (3) plastic push clips to separate the plastic shield from the vehicle chassis.



## **STEP 6**

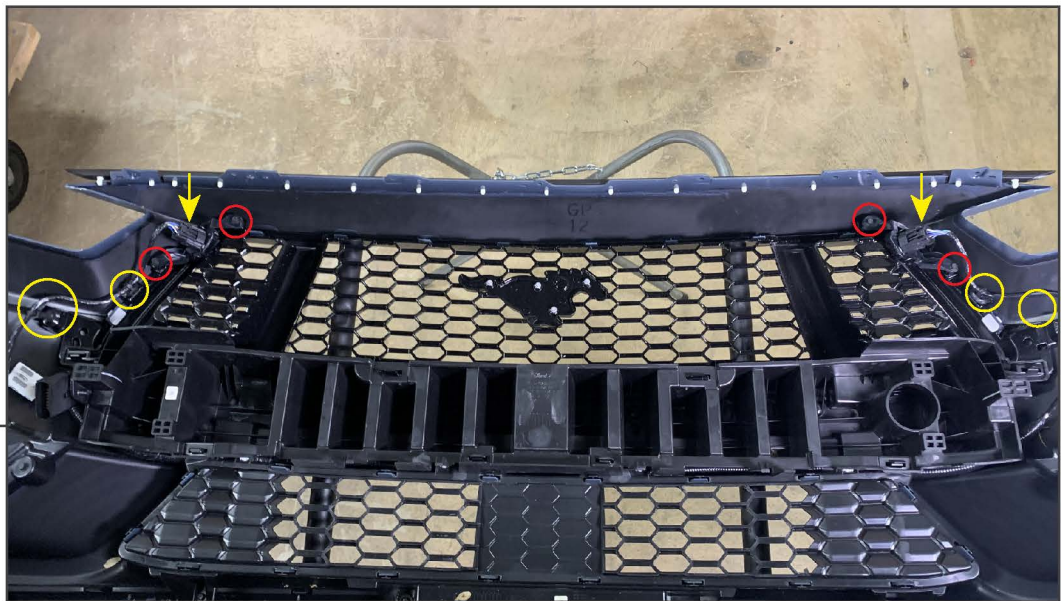
Pull the bumper downwards to disconnect the plastic push clip holding the bumper to the fender on each side of the vehicle. Using a plastic pry tool may be necessary for additional leverage.

## **STEP 7**



With assistance, lift the top edge of the bumper over the chassis retainer and remove the bumper from the vehicle and onto a soft workable surface.

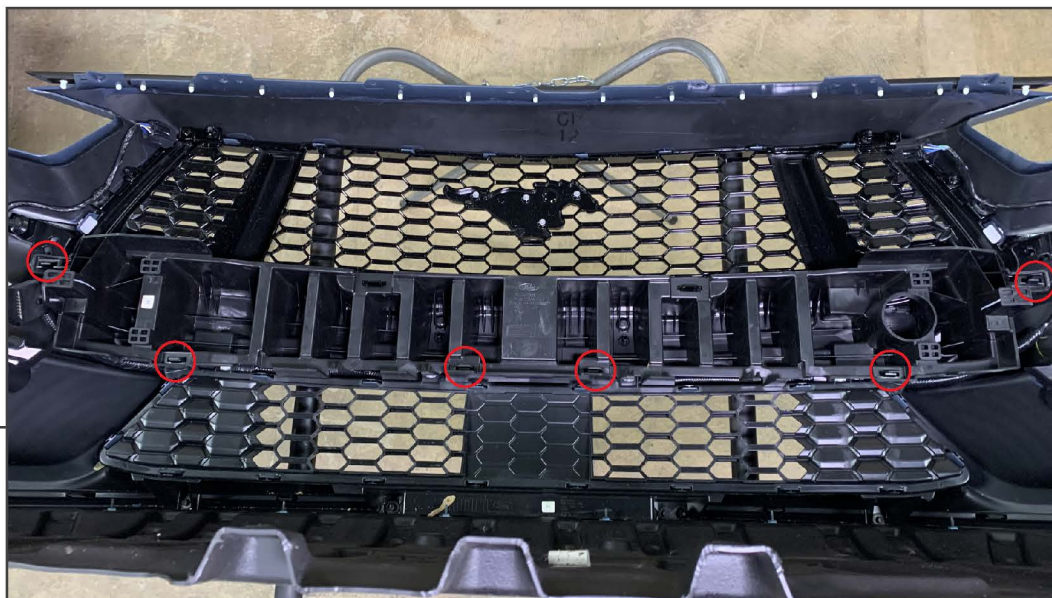
## **STEP 8**



Unplug the (2) bumper light connectors, and remove (2) 7mm screws per light assembly. Remove the lights from the grille panel.

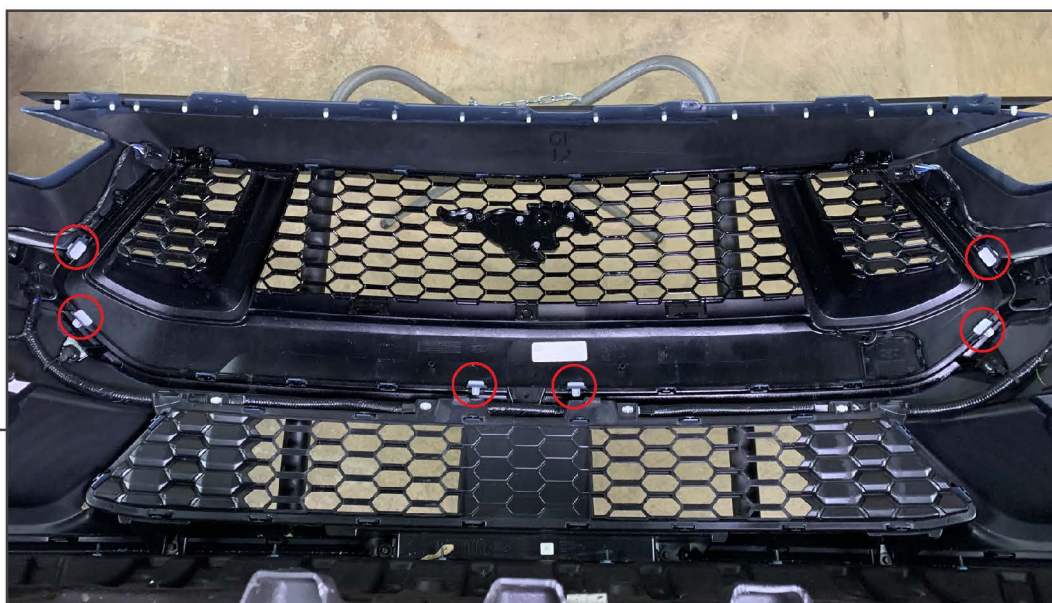
Using a panel removal tool, disconnect the harness retainers from the upper grille panel.

## **STEP 9**



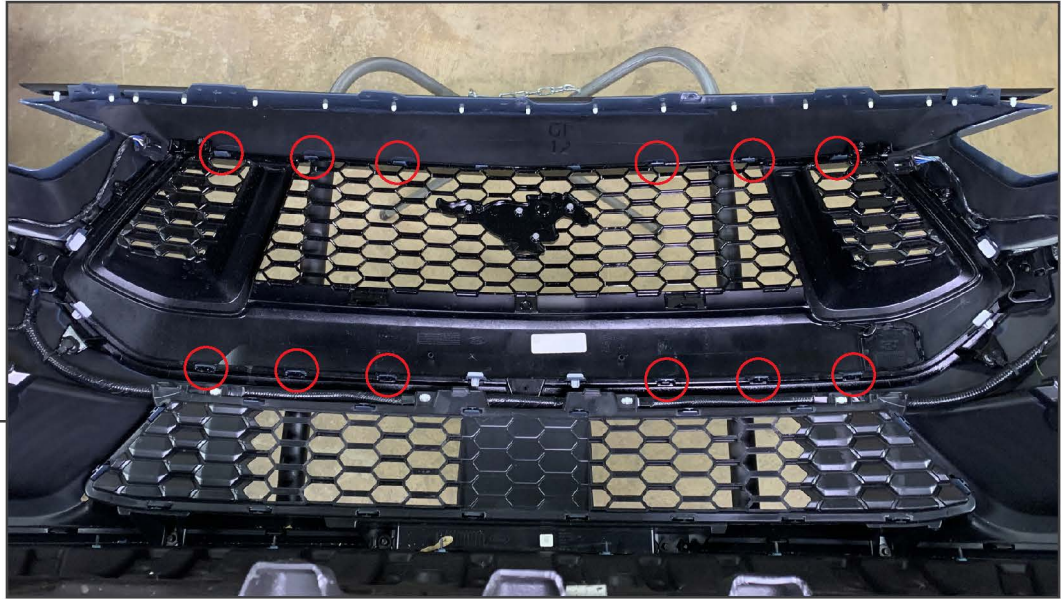
Remove the bumper core by pressing the tabs with a pry tool/flathead screwdriver while pulling the core away.

## **STEP 10**



Remove the (6) white retaining clips from the upper grille.

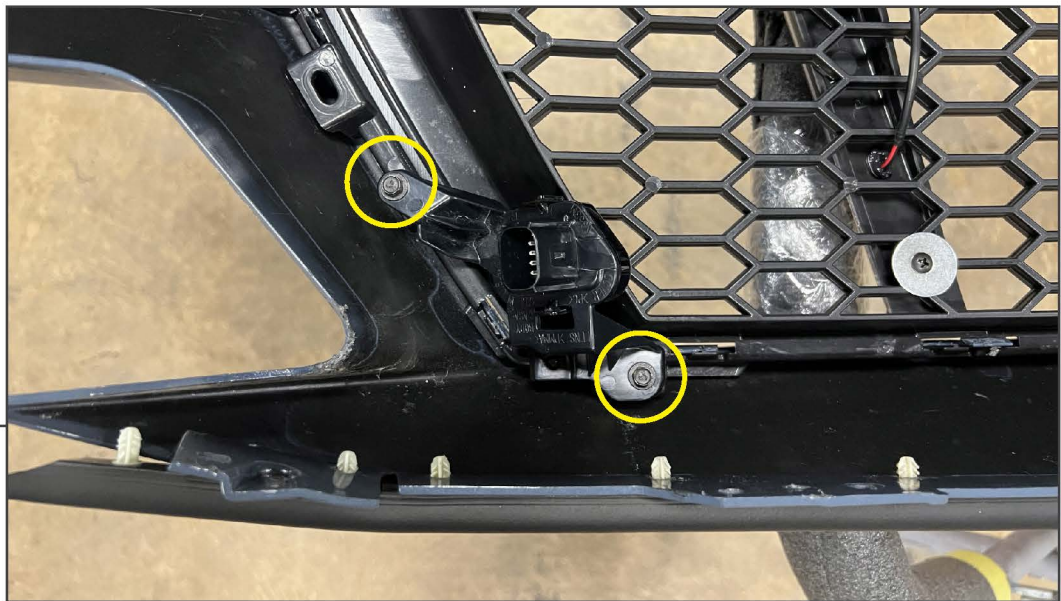
## **STEP 11**



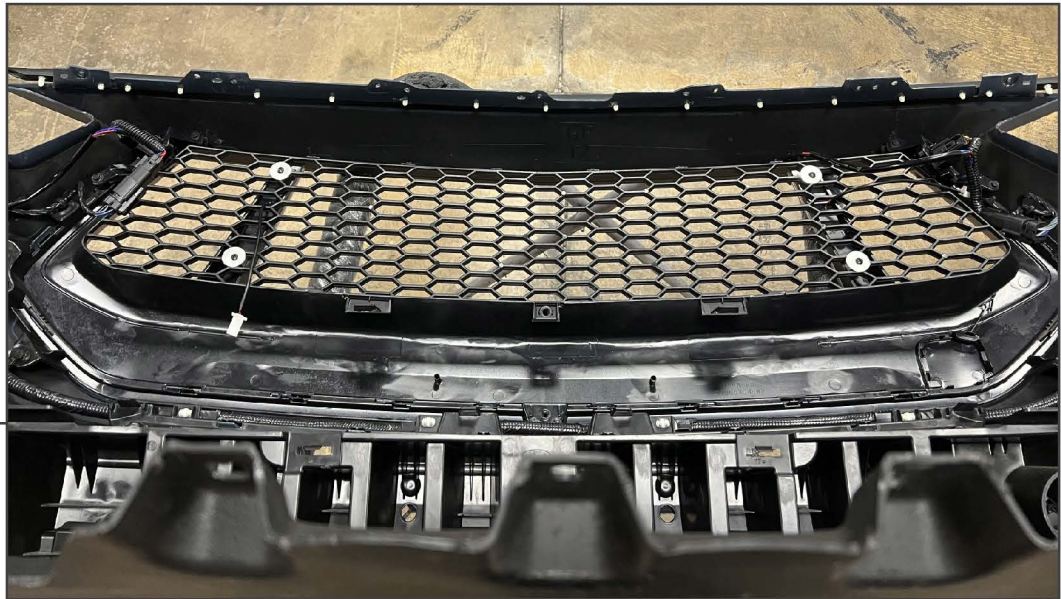
Use a pry tool/flathead screwdriver to press the retaining tabs while pulling the grille away from the bumper. Once all clips are dislodged, remove the grille from the bumper and set aside.

Note: Work from one side of the grille towards the other. The tabs are difficult to manipulate by design, take your time.

## **STEP 12**

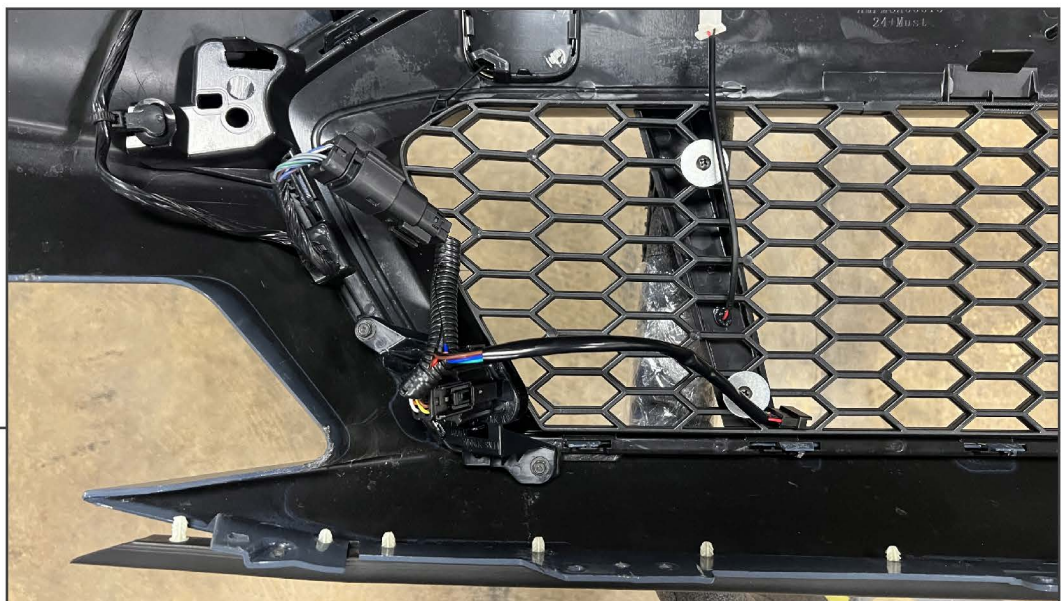


Remove the grille lights from the original grille by removing (2) 7mm screws per light. Transfer each grille light to the new grille assembly using the original hardware.



## **STEP 13**

Press the new grille into the vehicle bumper. Ensure all mounting tabs align before firmly pressing into place. Once properly fitted, install the (6) white retaining clips to secure into place.



## **STEP 14**

Plug in each grille light splice harness into the previously transferred OEM grille lights. Then, fit the vehicle wiring harness into the grille harness retainers.

Use cable ties to secure the splice harness to the vehicle wiring harness.

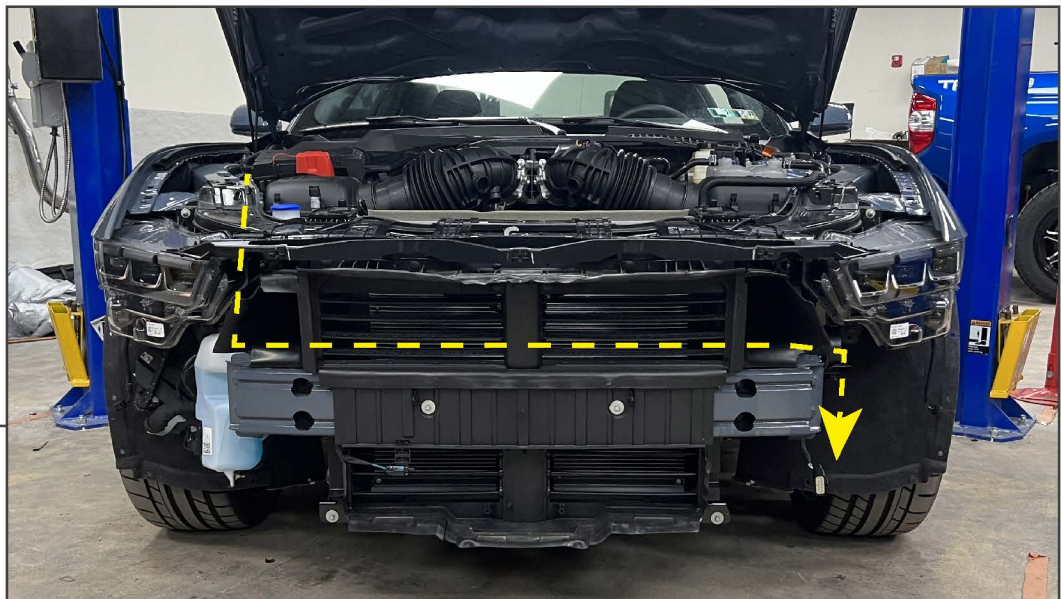




## STEP 15

Using the included double sided tape, secure the included wiring harness module to the inside of the bumper core. Then, route the harness along the vehicle grille light harness towards each grille light. Plug in all light connectors, and secure the harness into place using the included cable ties. Fit the bumper core to the bumper.

Route the Red & Black harness connector near the OE wiring harness connector. This connector will allow the bumper to plug in/unplug without modifying the lighting harness.



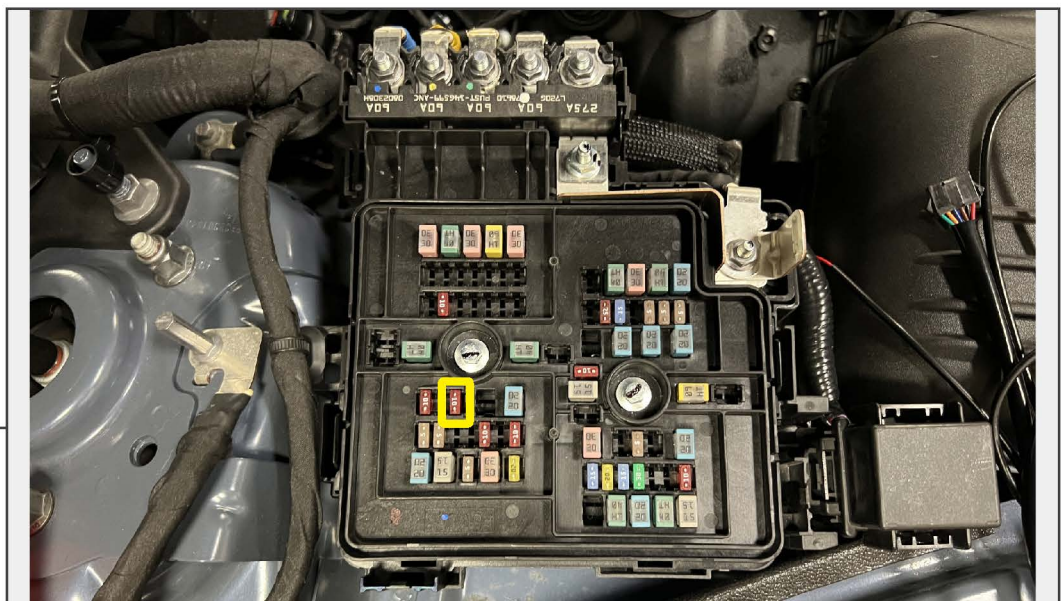
## STEP 16

Neatly route the Red & Black wiring harness from the fuse box to the driver's side headlight area to meet with the OE bumper lighting connector. The harness can be routed along the vehicle wiring harness indicated in the diagram above.



## **STEP 17**

Fit the bumper to the vehicle, and plug in each of the grille lighting harnesses, and each side marker into the bumper lighting.



## **STEP 18**

Install the Red & Black harness to the vehicle following the diagram below.

- Red - Fuse tap to Fuse # 23 (Key On Power)
- Black - Ring Terminal to Chassis Ground

Note: Notching the fuse box lid may be necessary to close the fuse box lid.



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## **STEP 19**

Install the bumper to the vehicle following Steps 1-6 in reverse order.

Installation is now complete.