



M-F150-BP20 & M-F150-BP22
2021MY F-150
Black Package

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPETELY
For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit <https://www.performanceparts.ford.com> for warranty information



Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

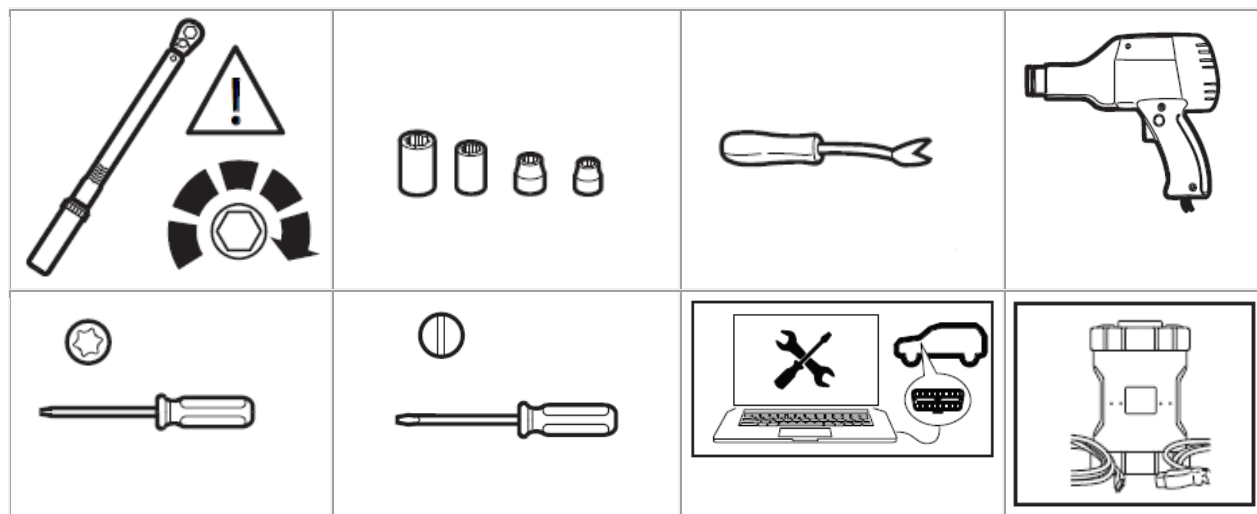
Package contents:

Description	Quantity
FPP F-150 Black Pack Grille	1
Grille Side Deflectors	2
'F-150' Black Tailgate Lettering	1
Black Stainless Steel FP License Plate Cover	1
Ford Performance Fender Vents	2
Gloss Black Ford Performance Wheels	4
TPM Sensors	4
Center Cap for Wheels	4

Installation Section:

1. [Grille Removal](#)
 - 1.8 [Upper Active Grille Shutter Removal](#)
 - 1.17 [Grille Oval Removal](#)
 - 1.22 [Camera Alignment](#)
2. [Tailgate Lettering](#)
3. [Fender Vents](#)

Grille - Special Tool(s) / General Equipment




Ford Factory Shop Manual purchase options www.motorcraftservice.com

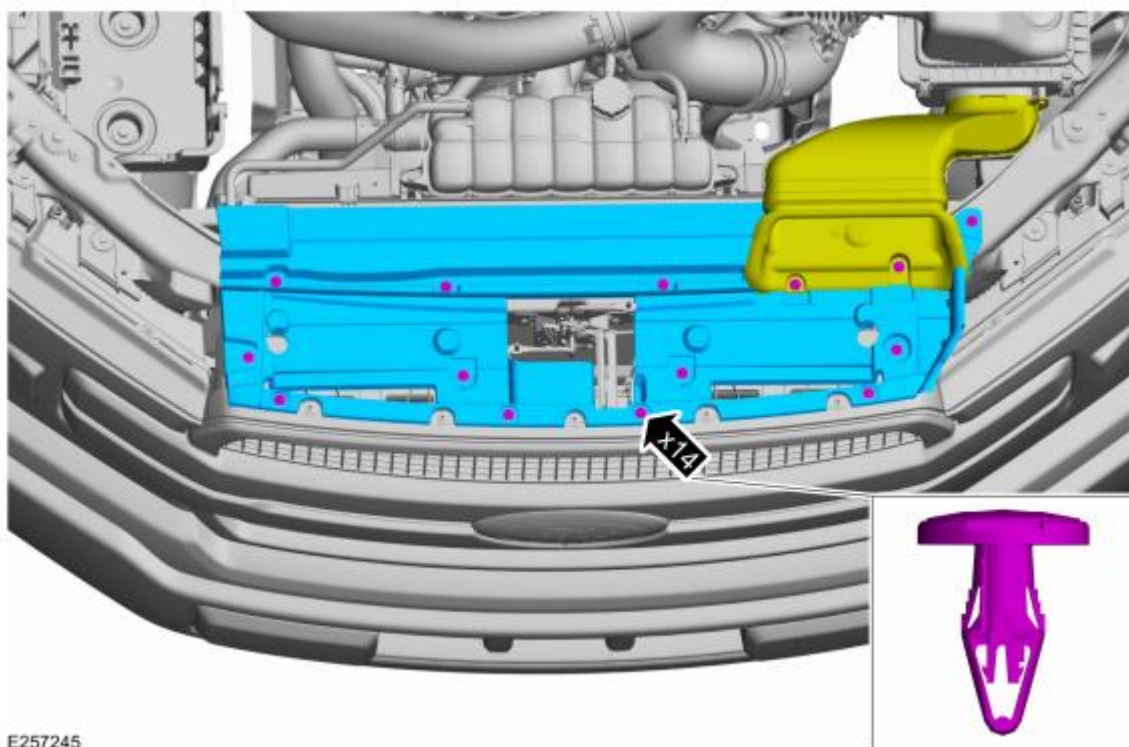
NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

Removal

NOTE: Removal steps in this procedure may contain installation details.

 Extreme cold weather will cause breakage. A hair dryer can be used to localize warmth before flexing release tabs.

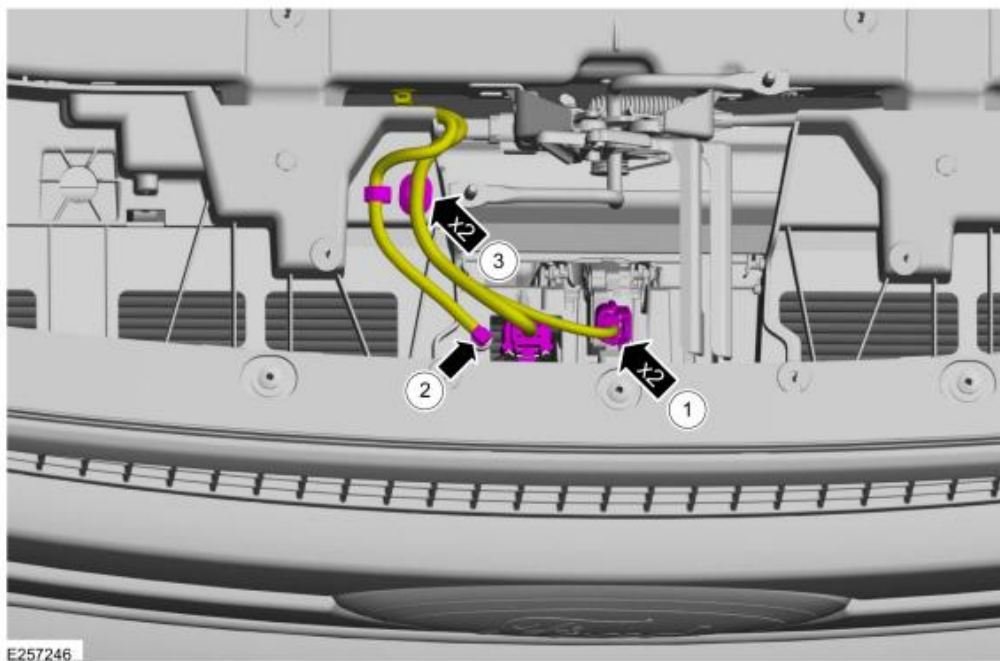
1.1 Remove the push pin retainers, position aside the air intake duct, and remove the air deflector.



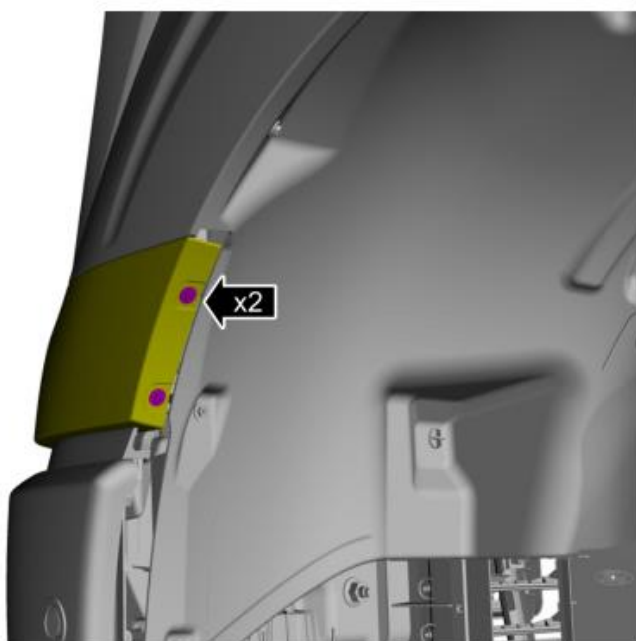
E257245

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.2 **If equipped**, Disconnect the electrical connectors and washer hose.



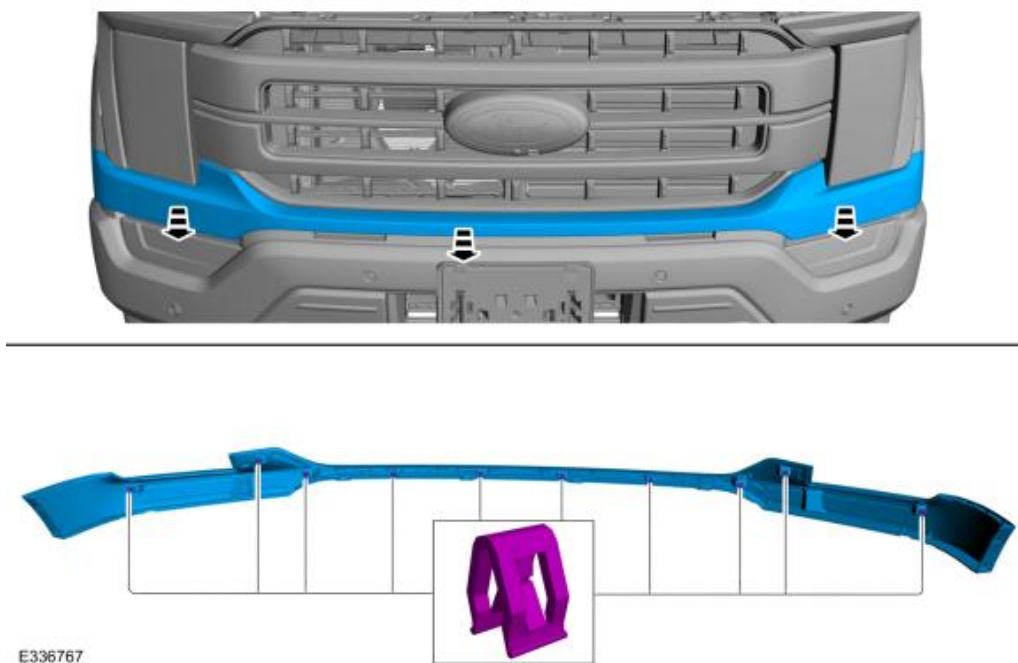
1.3 On both sides, remove the 2 screws. *Torque: 15 lb.in (1.7 Nm)*



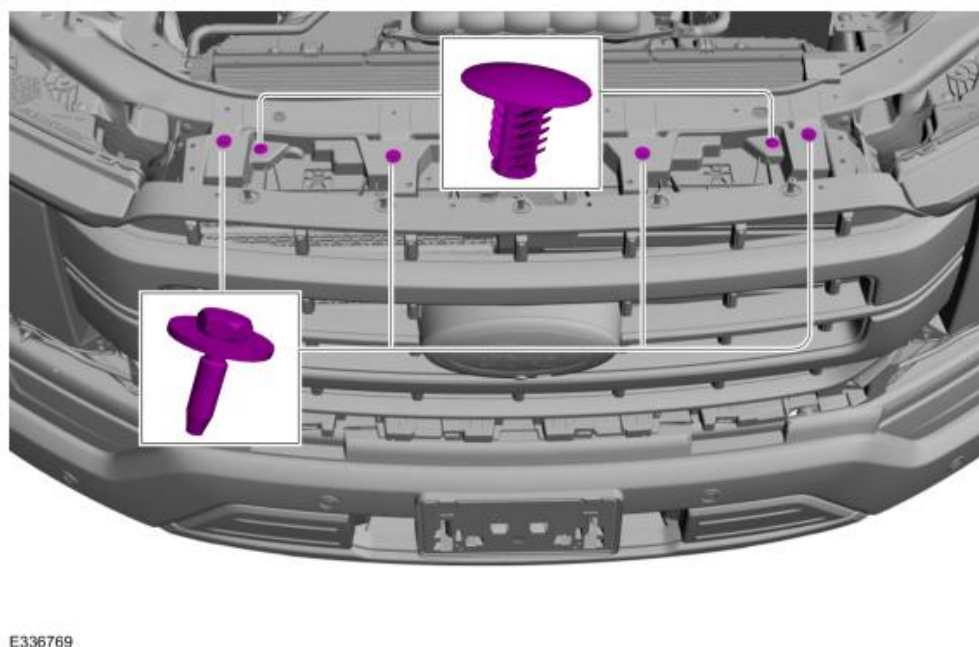
Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.4 Remove the front bumper upper cover trim panel using a flat-blade screwdriver to release the locking tabs.



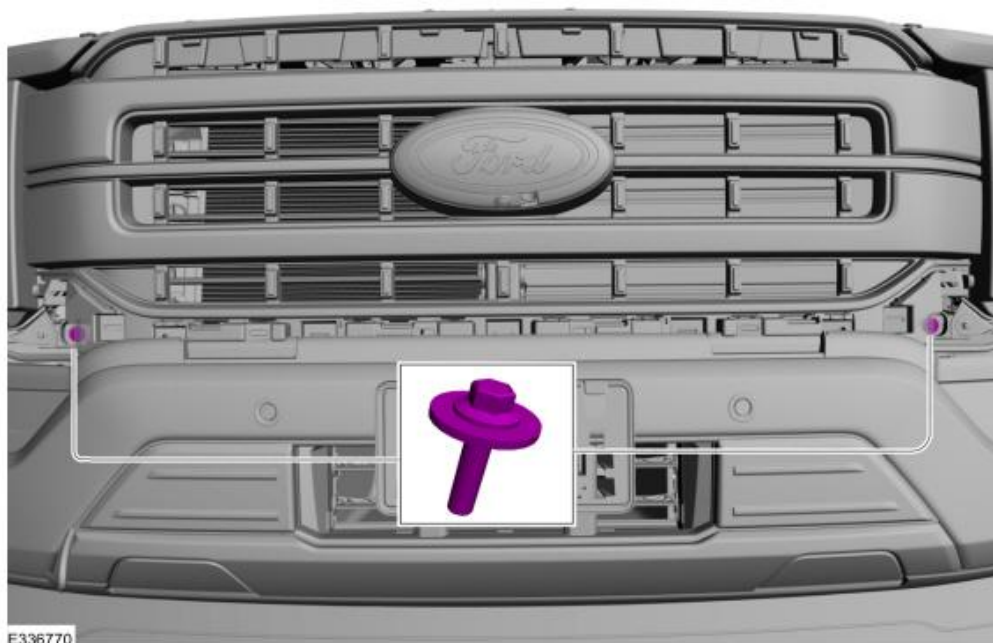
1.5 Remove the bolts and the pin-type retainer. *Torque: 36 lb.in (4.1 Nm)*



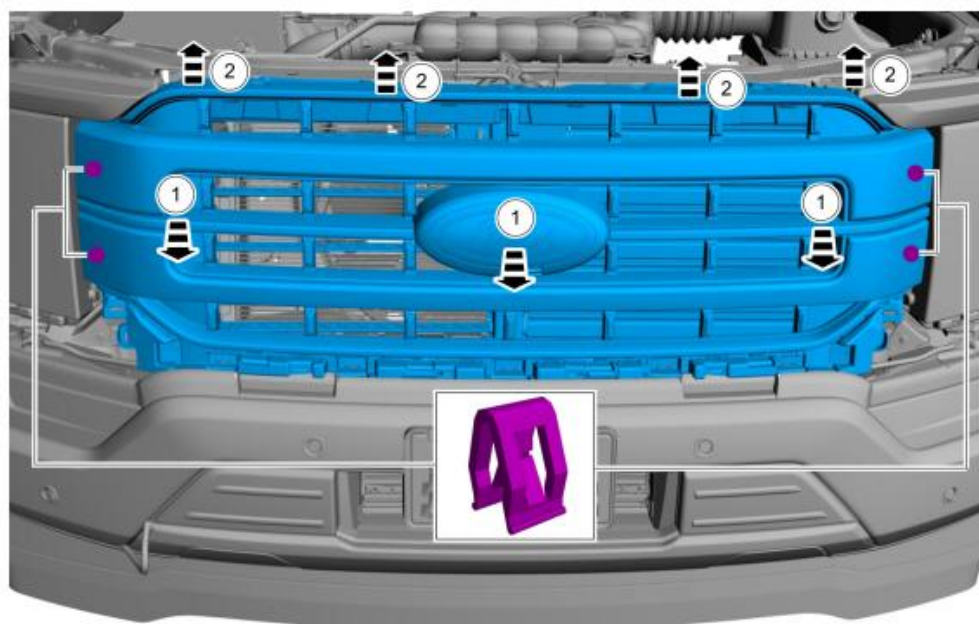
Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.6 Remove the active grille shutter mounting bolts. *Torque: 159 lb.in (18 Nm)*



1.7 Remove the pin-type retainer. Pull up to disengage the locating pins along the top of the grille. Pull forward on center of the grille to remove.

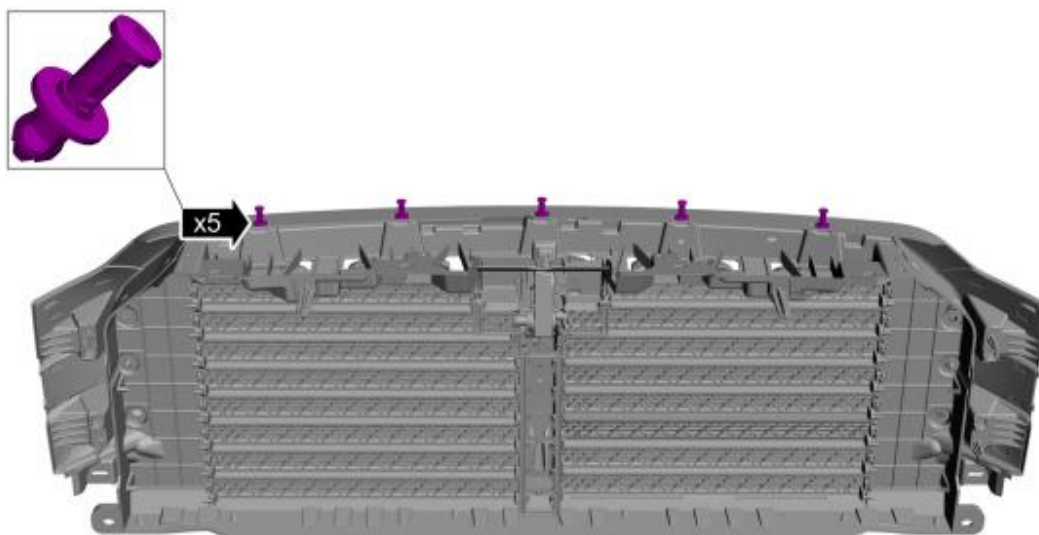


Ford Factory Shop Manual purchase options www.motorcraftservice.com

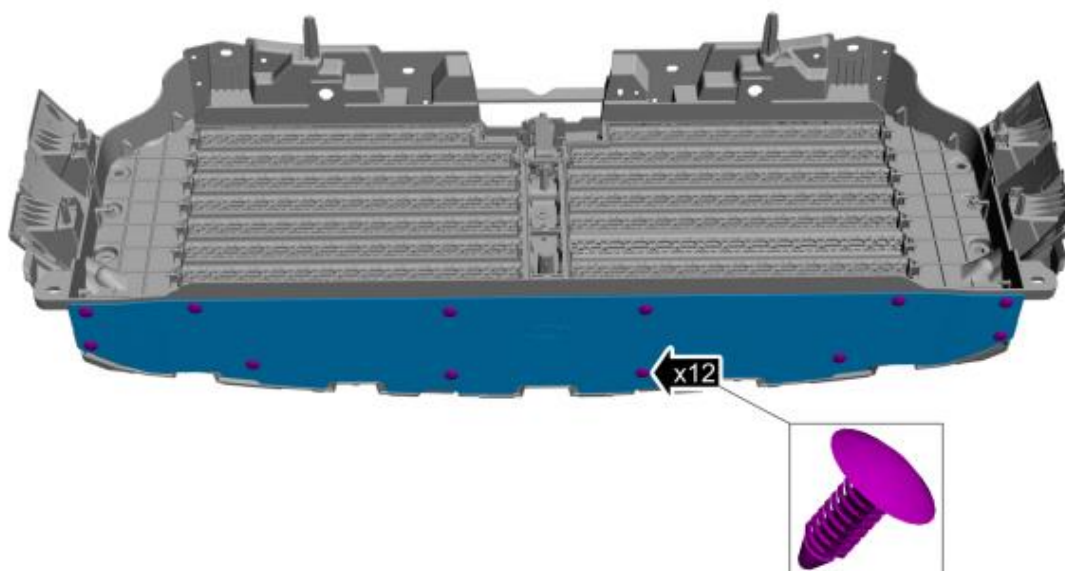
NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

Upper Active Grille Shutter Removal

1.8 Remove the push pins.



1.9 Remove the retainers and the deflector.

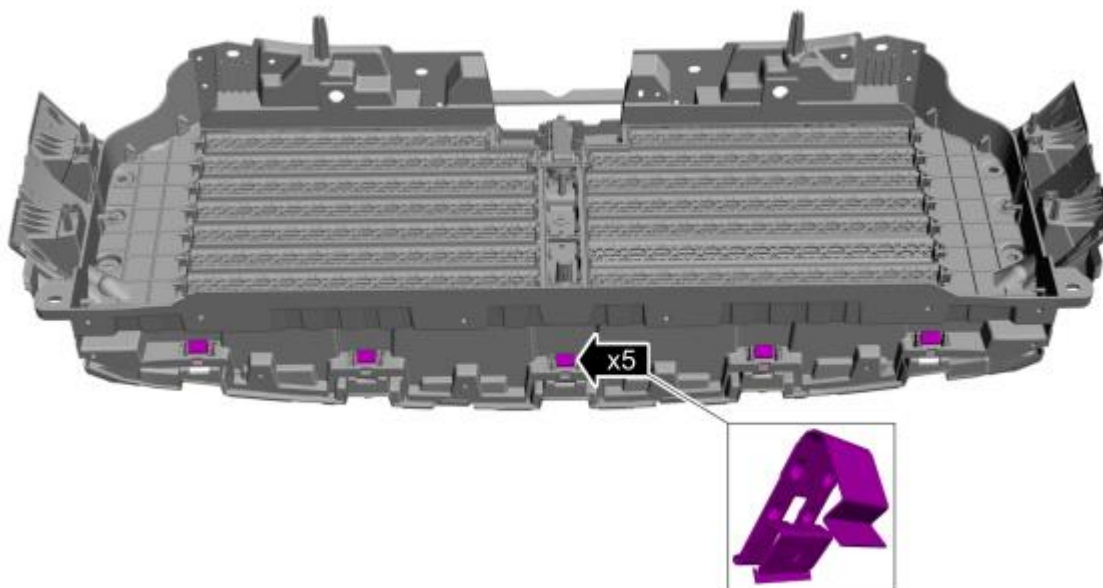


E337657

Ford Factory Shop Manual purchase options www.motorcraftservice.com

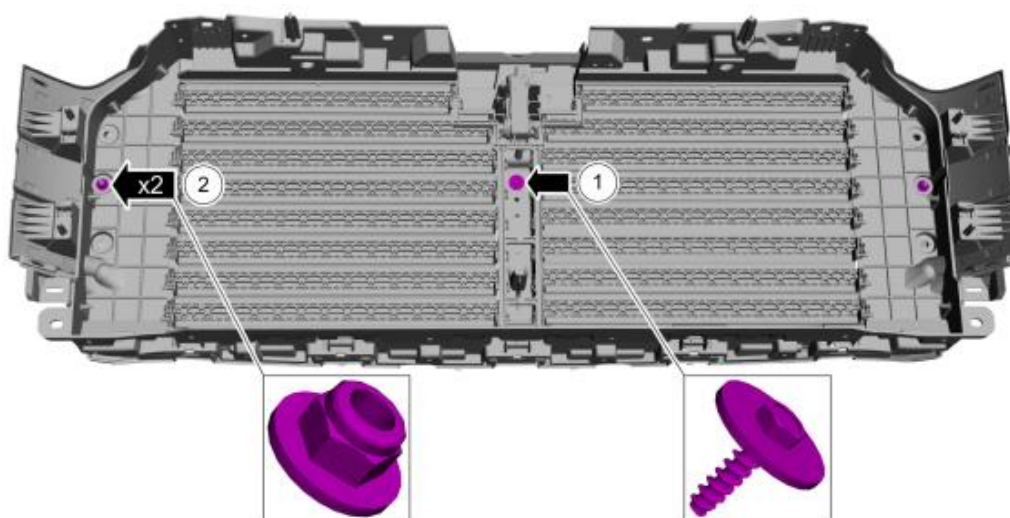
NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.10 Remove the clips.



E337658

1.11 Remove the screw and the nuts. *Torque:* 1: 22 lb.in (2.5 Nm) 2: 44 lb.in (5 Nm)

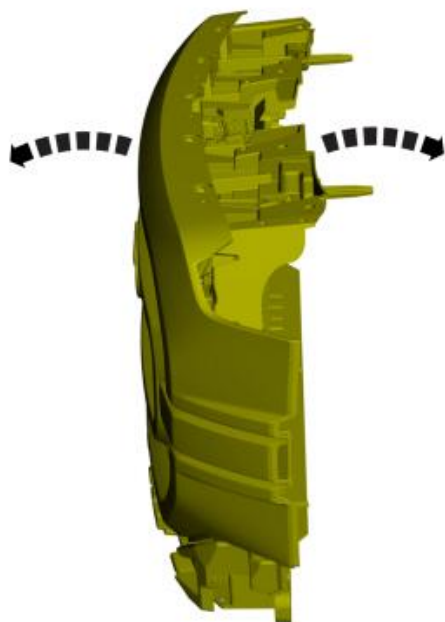


E337659

Ford Factory Shop Manual purchase options www.motorcraftservice.com

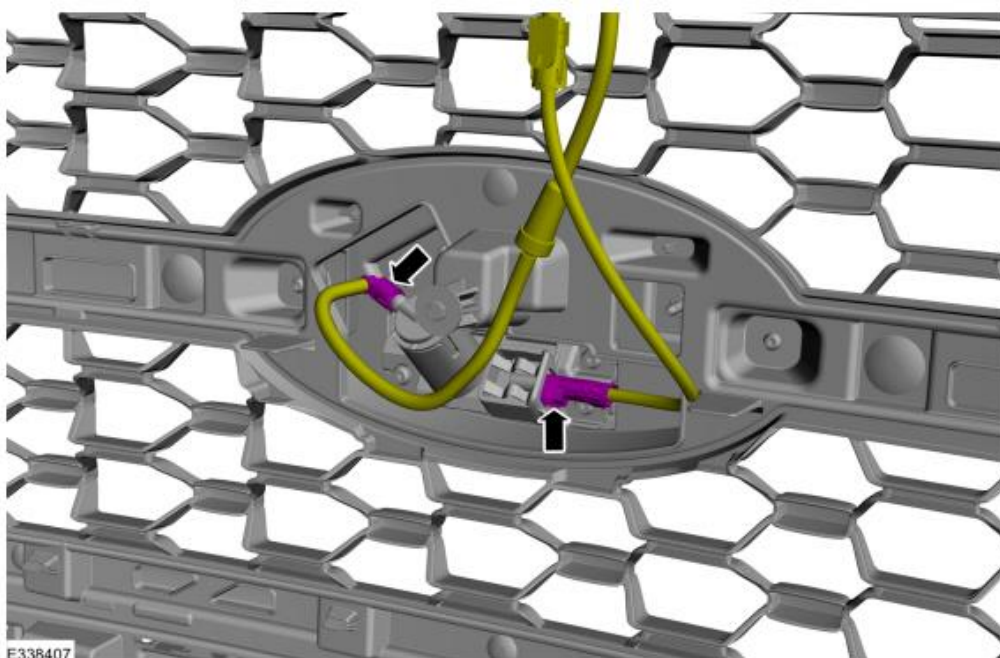
NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.12 Separate the active grille shutter from the radiator grille.



E337660

1.13 **NOTE:** *If equipped with front camera.* Disconnect the electrical connector and the washer hose.

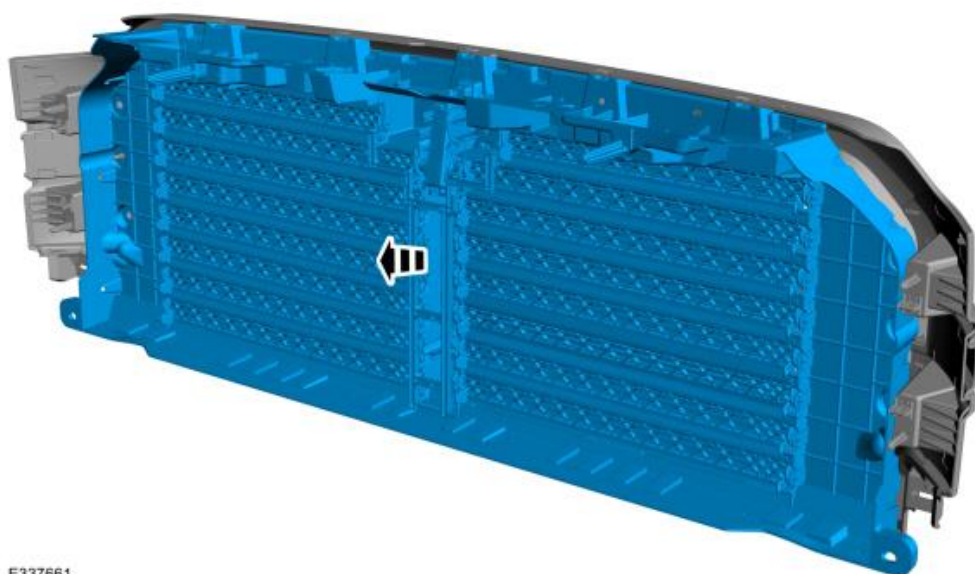


E338407

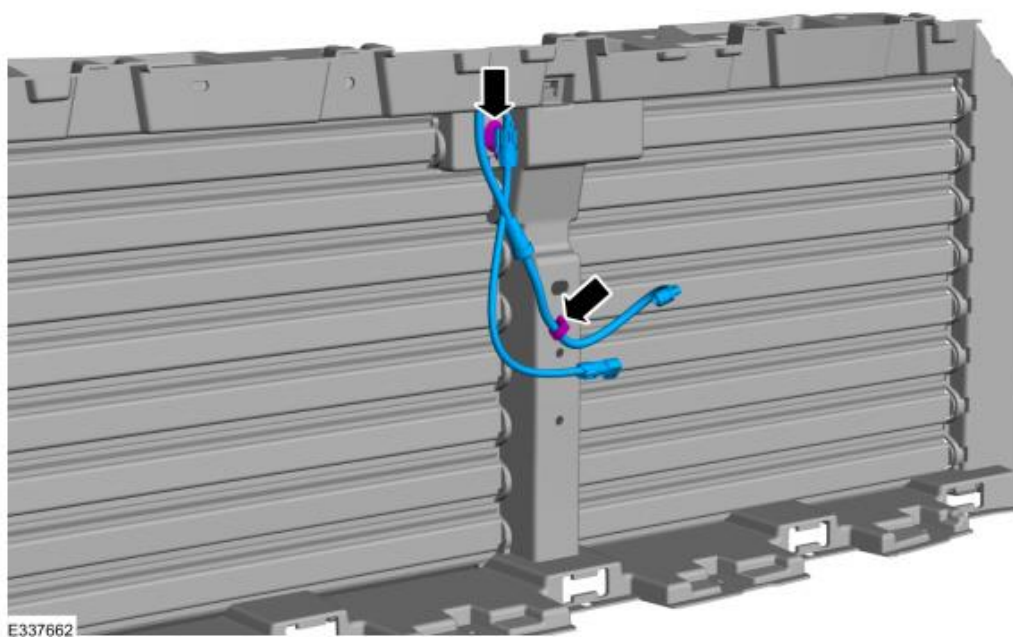
Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.14 Remove the upper active grille shutter.



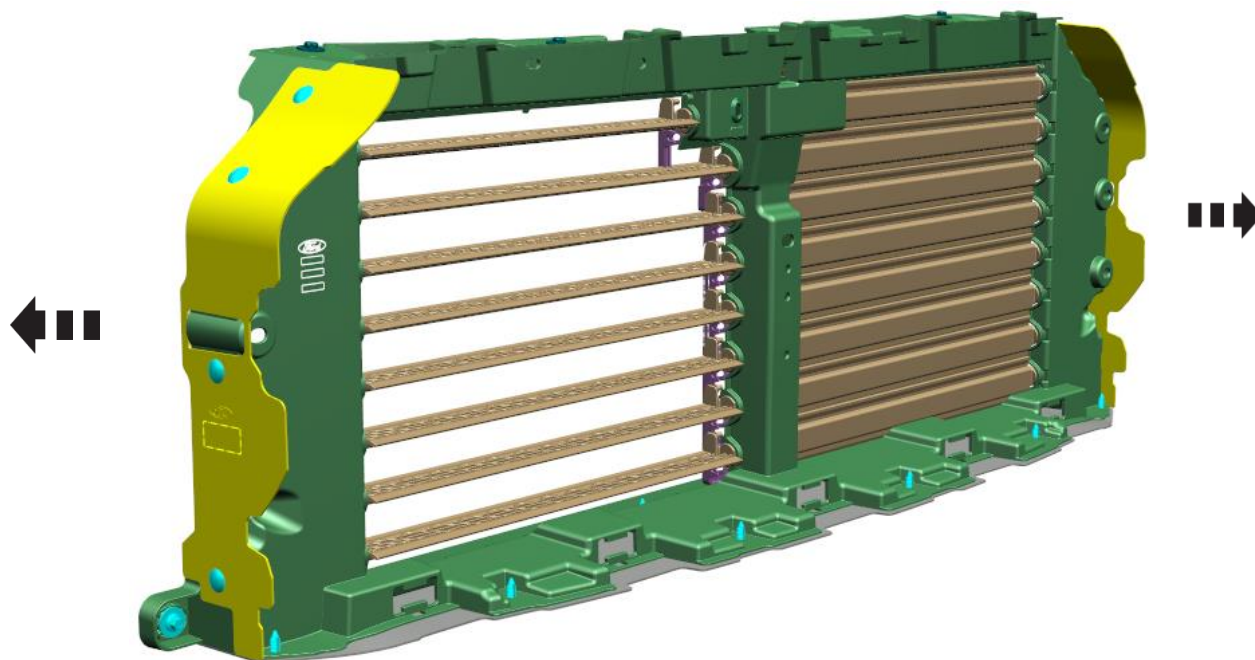
1.15 If equipped, remove the pin-type retainers and the wire harness.



Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.16 Remove left and right side deflectors from Radiator Grill Shutter and replace with the kit provided side deflectors.



Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

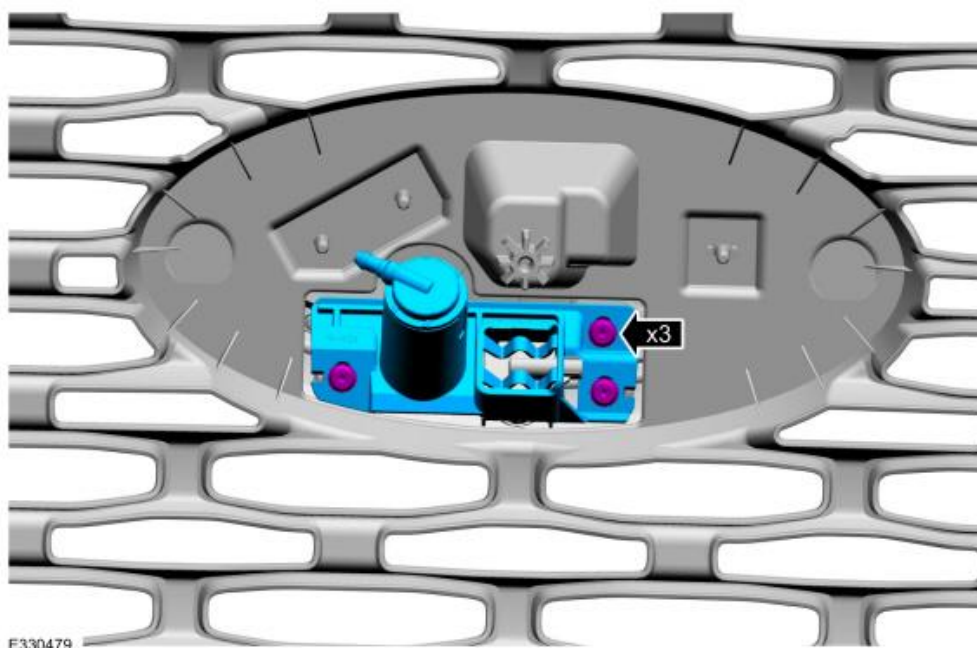
Grille Oval Removal

NOTE: Removal steps in this procedure may contain installation details.

1.17 Extend the front camera washer nozzle door, release the tabs and remove the washer nozzle door.



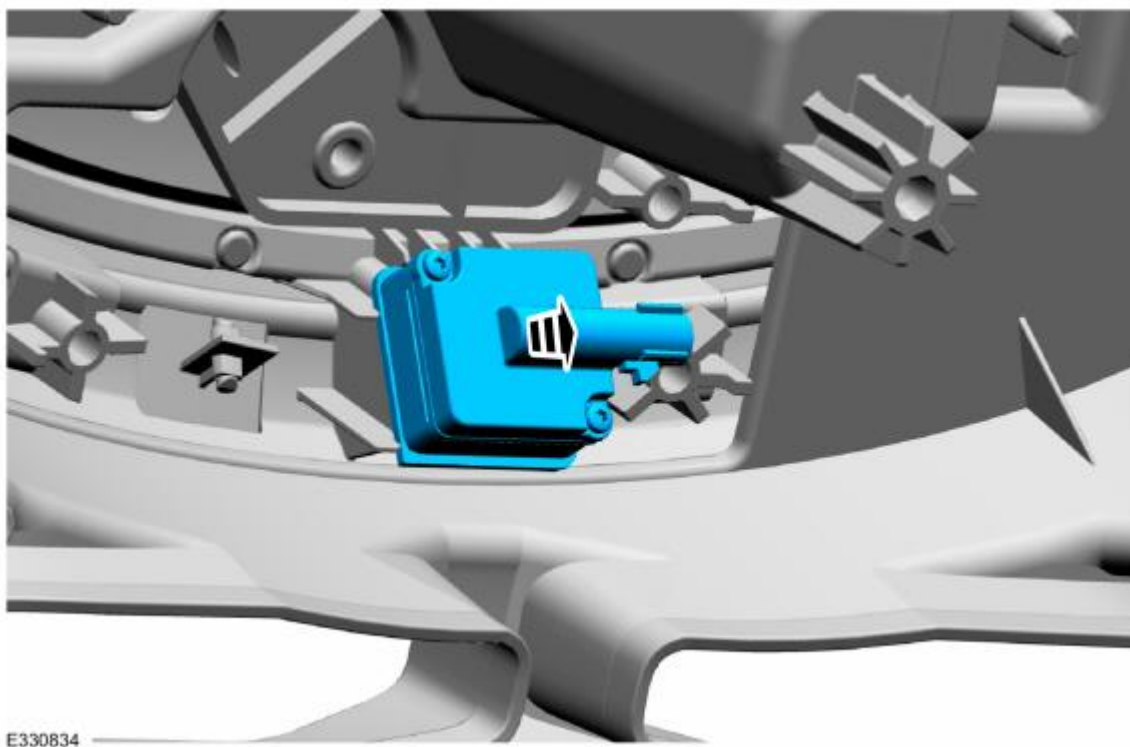
1.18 Remove the screws and the front camera washer and bracket as an assembly.



Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.19 Remove the front parking aid camera.



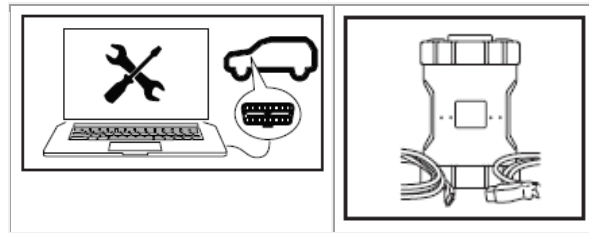
Installation

1.20 To install, reverse the removal procedure.

1.21 If equipped with front parking aid camera, align the cameras (Continued on next page).

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

Camera Alignment



NOTE: On vehicles equipped with Trailer Reverse Guidance (TRG) this procedure also perform the Trailer Reverse Guidance camera alignment.

NOTE: Damage to or misalignment of any of the cameras or the body panels they are mounted to can cause the camera alignment to be unsuccessful.

1.22 Prior to beginning this procedure, perform the following:

- 1.22.1 Verify the exterior rear view mirrors to make sure they are in normal driving position.
- 1.22.2 Verify suspension is in a normal driving mode if equipped with adjustable suspension.
- 1.22.3 Verify that all doors, deck lid, liftgate and tailgate are closed.
- 1.22.4 Using a scan tool retrieve and if necessary repair any parking aid camera Diagnostic Trouble Codes (DTCs).
- 1.22.5 Clean the camera lenses. Inspect all cameras (except center high-mounted stoplamp camera and trailer camera, if equipped), the associated mounting hardware and body components for damage.

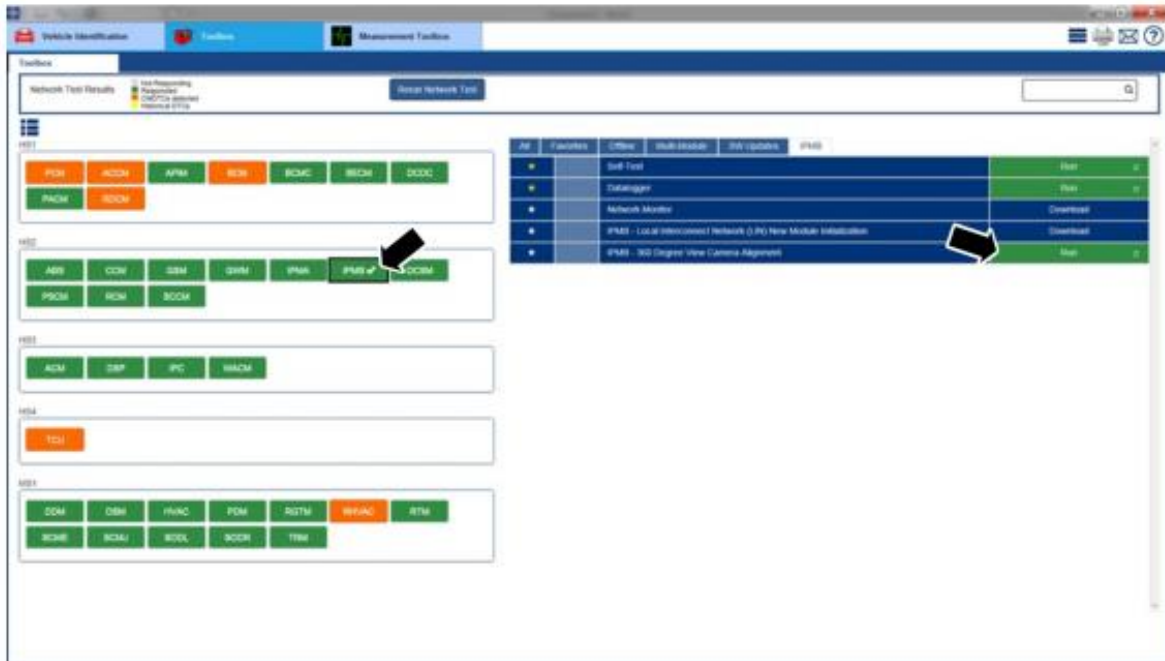
1.23 Environmental conditions that may affect the procedure:

- 1.23.1 Perform procedure in day light.
- 1.23.2 Perform procedure when visibility is clear with high contrast scenes that are not disturbed by strong rainfall or snow.
- 1.23.3 Recommend driving on normal asphalt or concrete road surface.
- 1.23.4 Avoid road surfaces that have a smooth and uniform appearance (e.g. snow blanketed roadway)

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
 FORD PERFORMANCE PARTS © Ford Motor Company 2020

1.24 Using a scan tool carry out the 360 Degree view camera alignment procedure.

NOTE: The vehicle needs to be driven for approximately 5 to 10 minutes or possibly longer depending on the environmental conditions.



1.25 Follow the on-screen instructions.

1.26 After the procedure is successful, verify the quality of the 360 degree view camera on the display. If necessary, repeat the procedure to achieve the best 360 view image results.

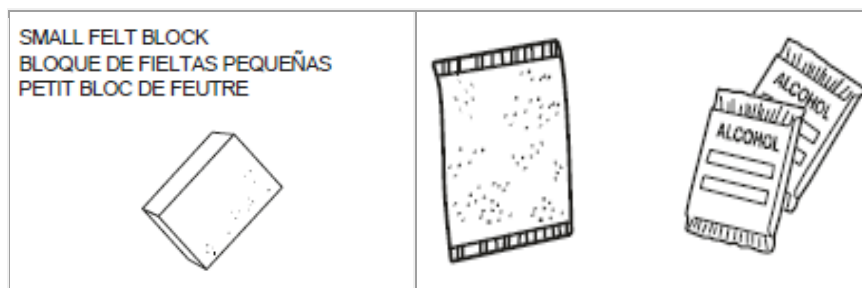
1.26.1 Drive to a parking lot and stop vehicle over straight parking designation lines.

1.26.2 Activate the 360 degree view camera system.

Drive slowly over the parking designation lines while watching the corners of the 360 image for stitching quality. Lines should look continuous.

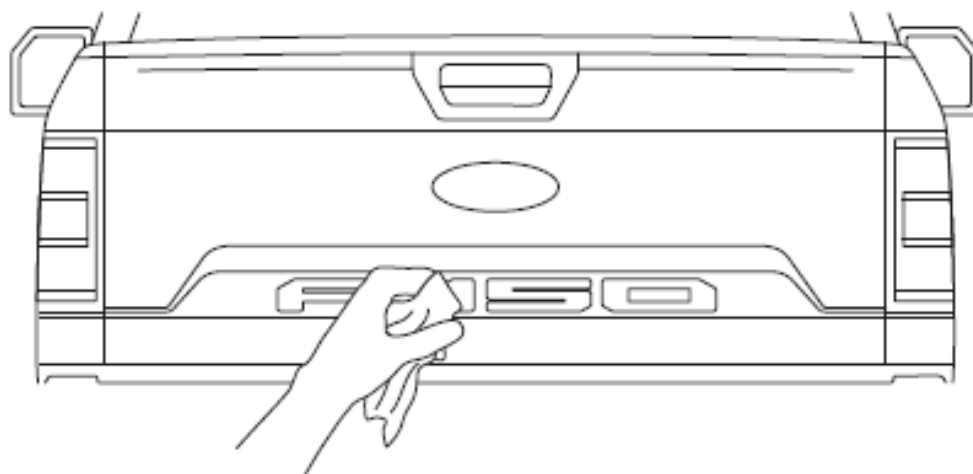
NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

2. Tailgate Lettering - Special Tool(s) / General Equipment



⚠ NOTE: The room temperature and surface temperature must be no lower than 68 degrees Fahrenheit (20° C) or higher than 90 degrees Fahrenheit (32° C) to ensure proper installation.

- 2.1 Clean surface with naptha base cleaner to remove dirt and grease. Remove residue from area and allow area to dry thoroughly.

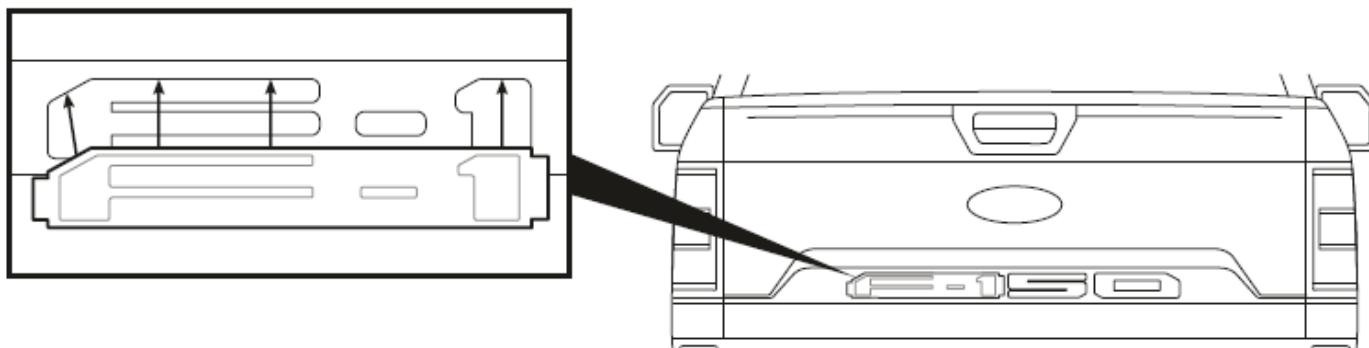


Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

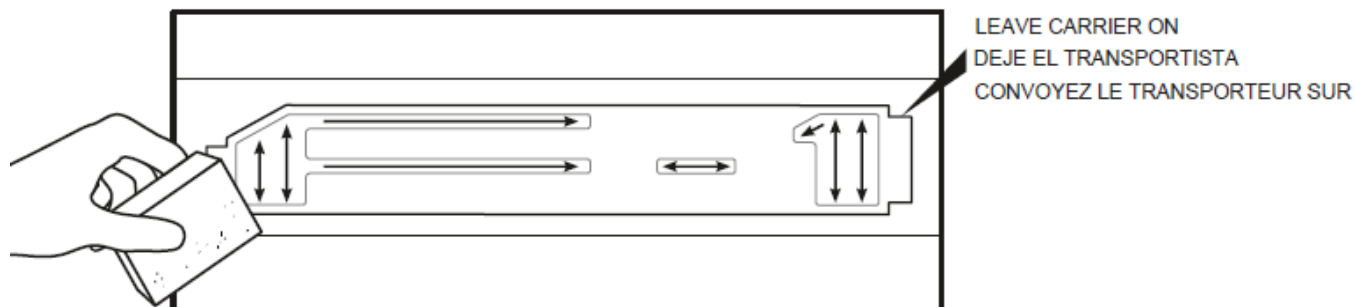
2.2 Remove the film on the adhesive side of the “F-1” decal. **Carefully** position the “F-1” decal on the tailgate by aligning it with the locations shown with arrows in the illustration below.

LEAVE CARRIER ON.



2.3 Use the foam block to firmly press along the directions shown in the illustration below to adhere the decal to the tailgate.

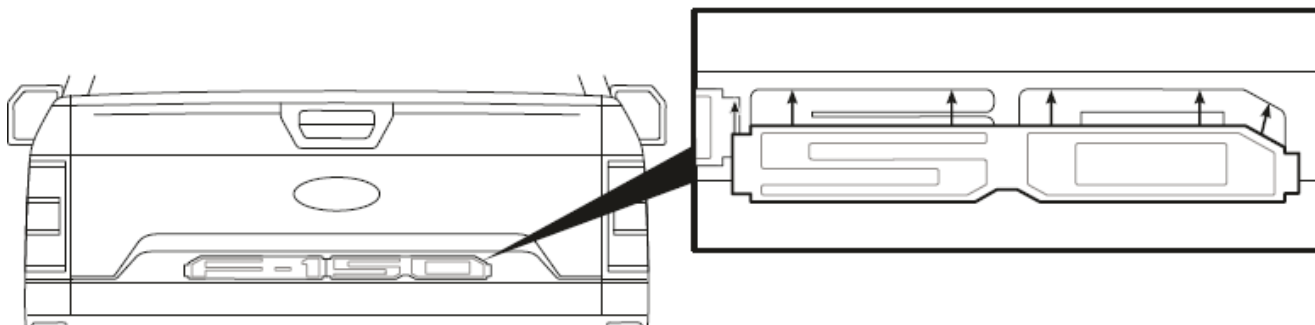
LEAVE CARRIER ON.



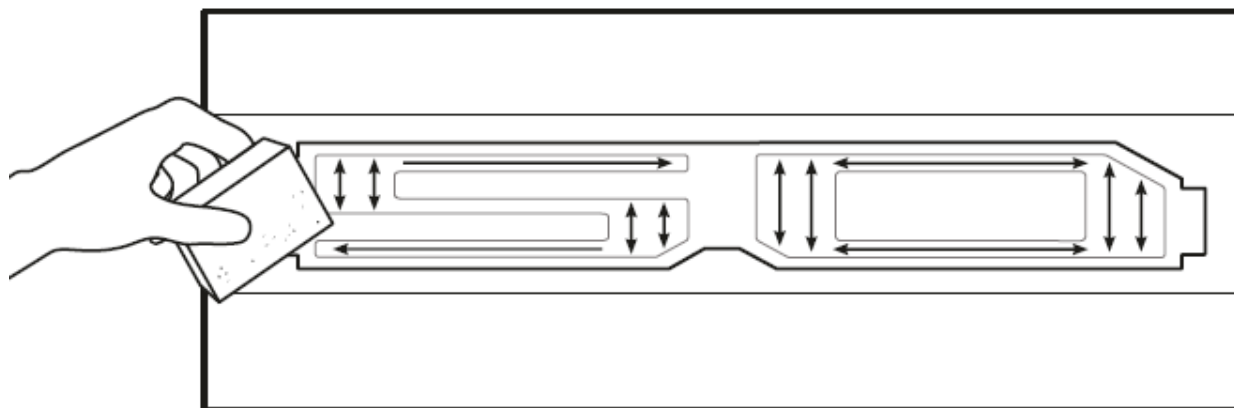
NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

- 2.4 Remove the film on the adhesive side of the “50” decal. **Carefully** position the “50” decal on the tailgate by aligning it with the “F-1” carrier and locations shown with arrows in the illustration below.

LEAVE CARRIER ON.



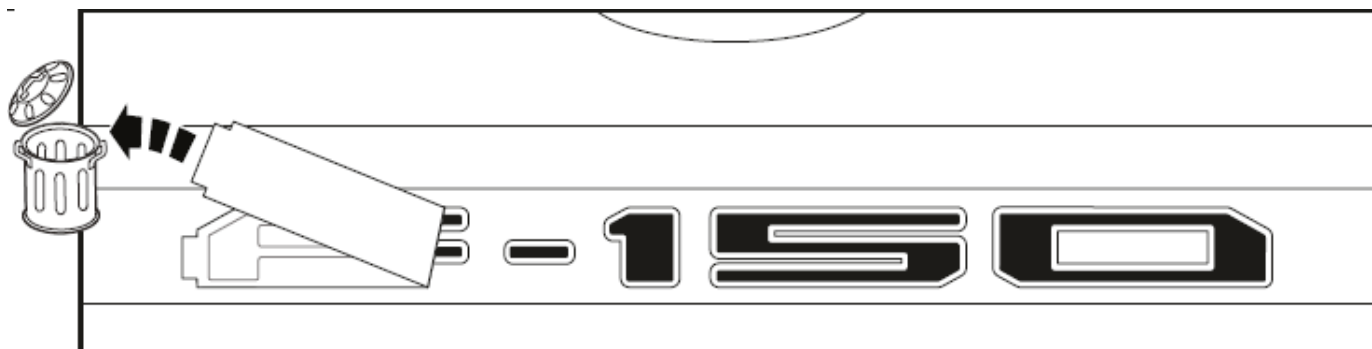
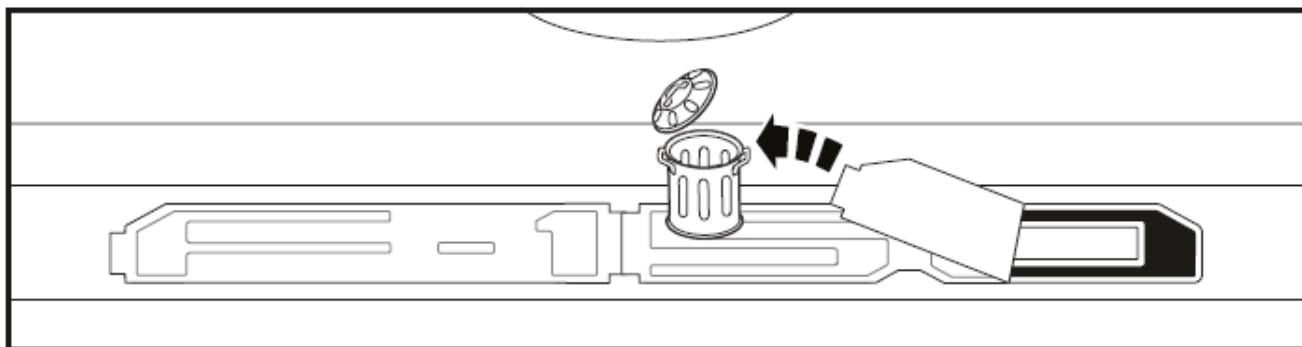
- 2.5 Use the foam block to firmly press along the directions shown in the illustration below to adhere the decal to the tailgate.



NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

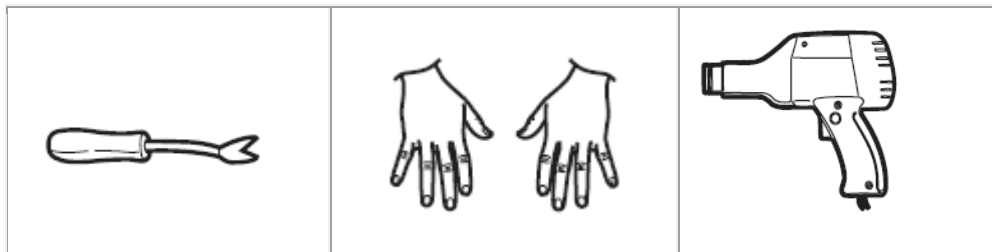
2.6 Slowly peel off the carrier of the “50” decal from right to left followed by the carrier of the “F-1” decal.

Properly dispose of decal carriers.




NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

3. Fender Vents - Special Tool(s) / General Equipment



Removal

NOTE: Removal steps in this procedure may contain installation details.

 Extreme cold weather will cause breakage. A hair dryer can be used to localize warmth before flexing release tabs.

- 3.1 Using a non-marring plastic trim removal tool, start along the top of the fender vent and work your way down the sides to gently pry up and release the vent from the clips on the backside.



Ford Factory Shop Manual purchase options www.motorcraftservice.com

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF
FORD PERFORMANCE PARTS © Ford Motor Company 2020

3.2 If the clips remained in the slots on the fender, remove old clips before installing new fender vent.

Installation

3.3 To install, line up the clips on the backside of the fender vent with the slots on the fender. Apply pressure evenly to snap clips into place.



Ford Factory Shop Manual purchase options www.motorcraftservice.com