



M-F150-FP700BR & M-F150-FP700B
2021+MY F-150
FP700 Package

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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



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Package contents:

| Description | Quantity |
|--|-----------------|
| FPP F-150 Black Grille | 1 |
| Grille Side Deflectors | 2 |
| 'F-150' Tailgate Lettering | 1 |
| Bodyside Graphics | 1 |
| Black Stainless Steel FP License Plate Cover | 1 |
| Ford Performance Fender Vents | 2 |
| Ford Performance Wheels | 4 |
| Black Center Caps for Wheels | 4 |
| TPM Sensors | 4 |
| Black Lug Nuts | 24 |
| Rocker Panel Aero Deletes | 2 |
| Ford Performance Floor Mats | 1 |
| 5.0L Supercharger | 1 |
| Rear Lowering Kit | 1 |

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](#)
4. [Bodyside Graphics](#)
 - [Crew Cab](#)
 - [Super Cab](#)
 - [Regular Cab](#)
 - [6.5 Foot Box](#)
 - [5.5 Foot Box](#)
5. [Rocker Panel Aero Delete](#)
6. [5.0L Supercharger](#)
7. [Rear Lowering Kit](#)

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FORD **PERFORMANCE**

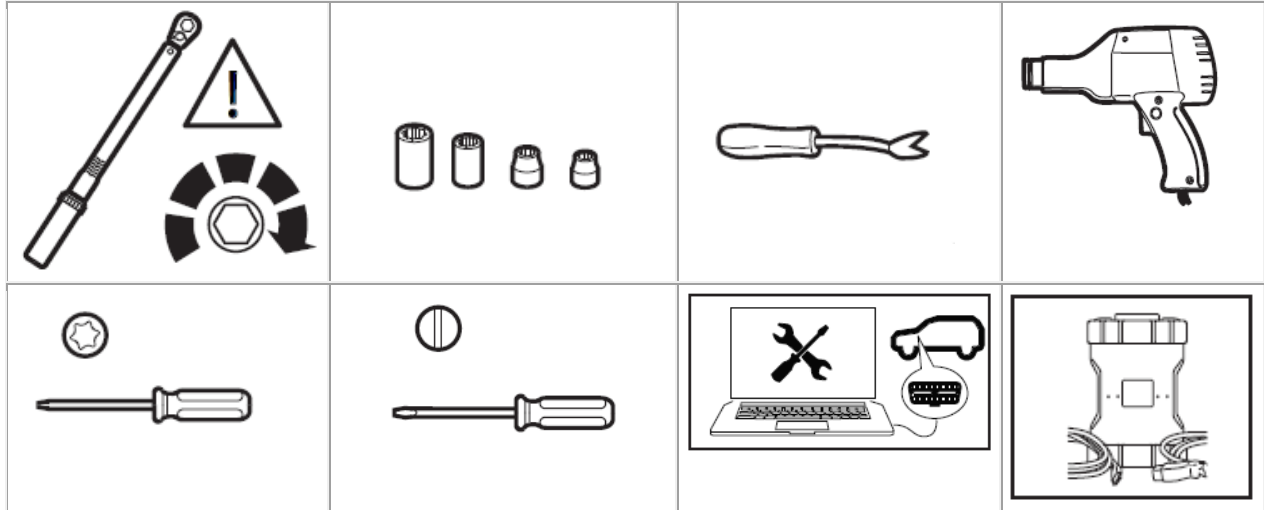
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Grille - Special Tool(s) / General Equipment




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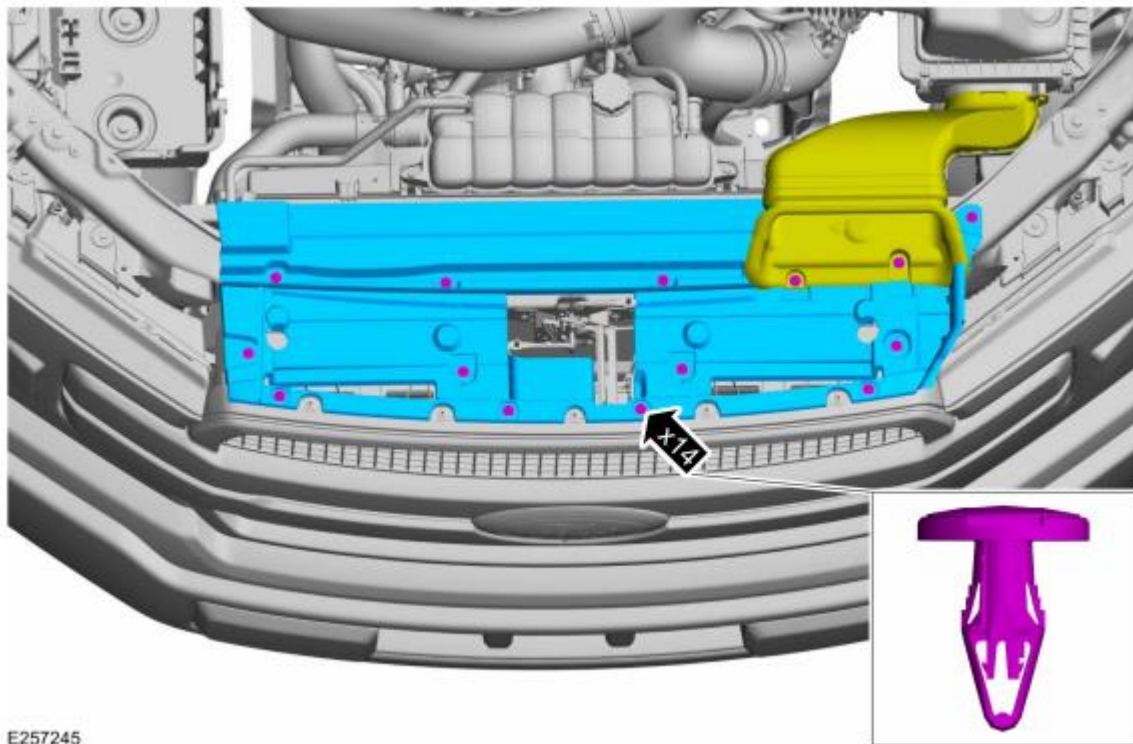
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Removal

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

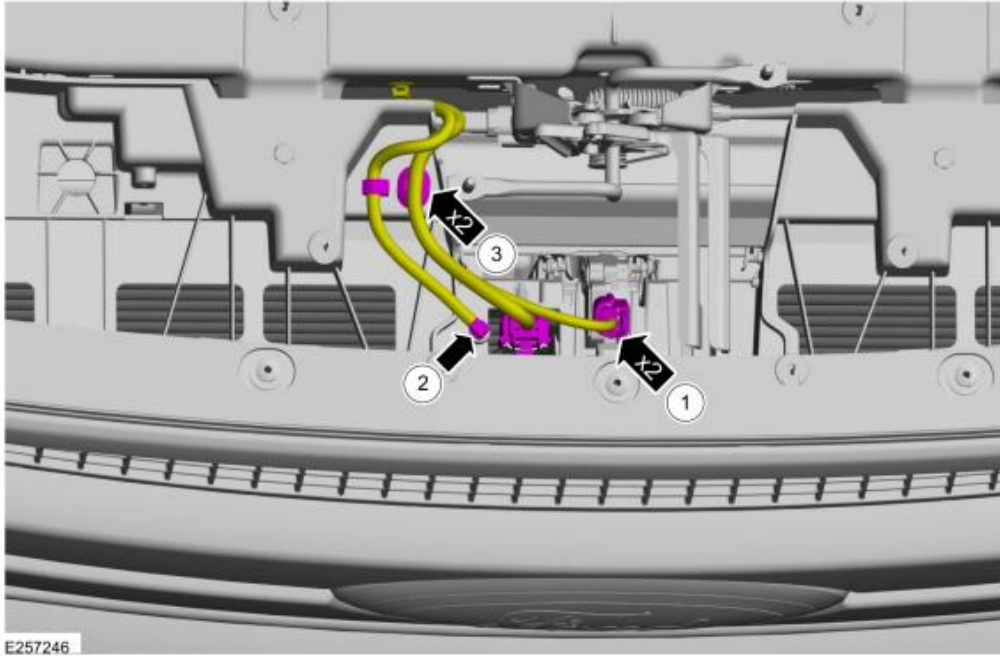
 Extreme cold weather will cause breakage. A hair dryer can be used to localize warmth before flexing release tabs.

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

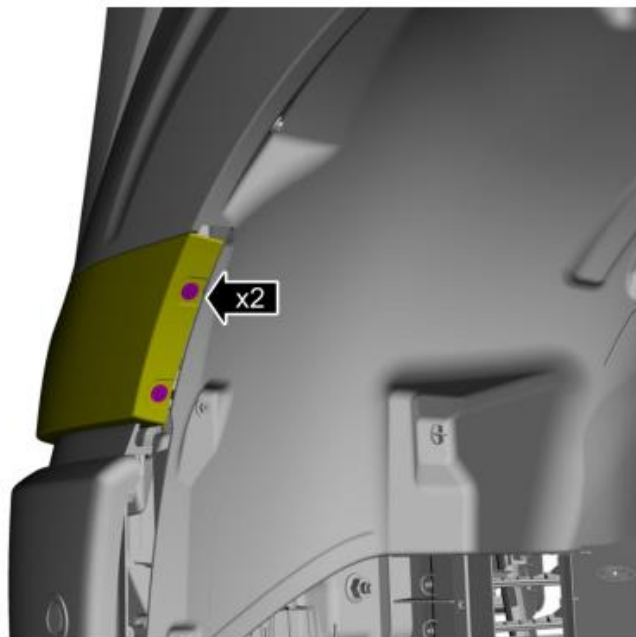


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1.2 **If equipped**, Disconnect the electrical connectors and washer hose.



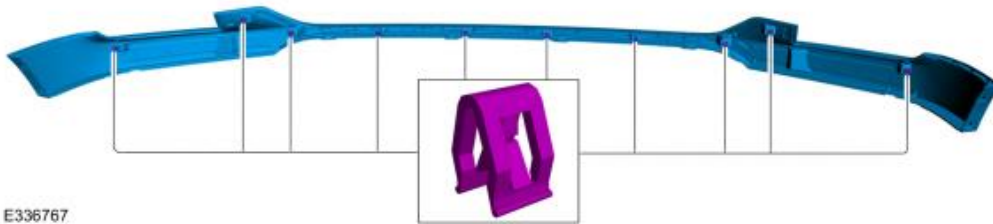
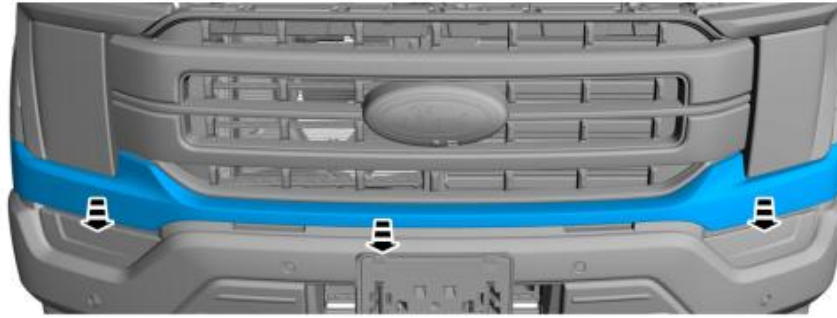
1.3 On both sides, remove the 2 screws. *Torque*: 15 lb.in (1.7 Nm)



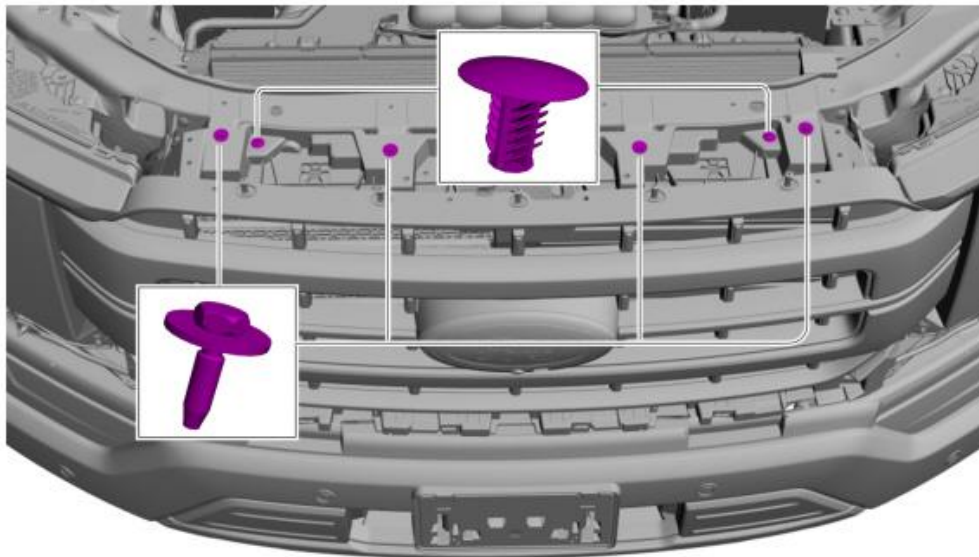
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1.4 Remove the front bumper upper cover trim panel using a flat-blade screwdriver to release the locking tabs.



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

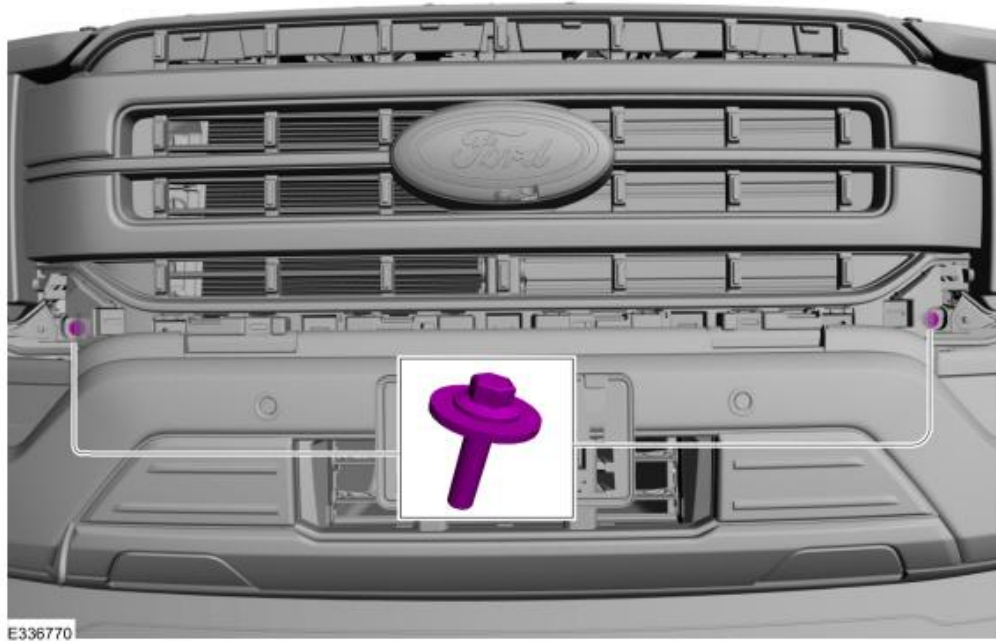


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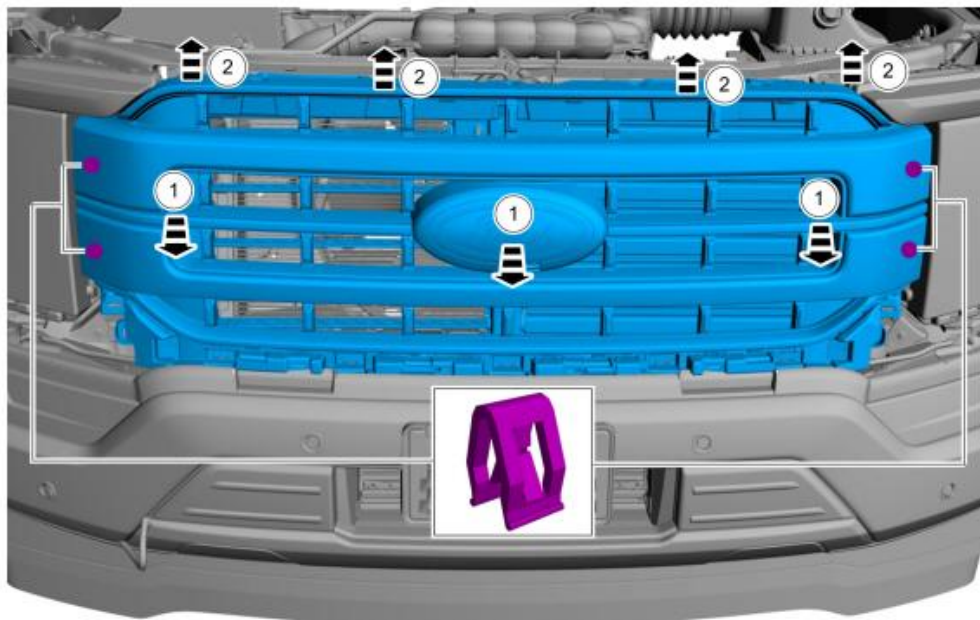
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1.6 Remove the active grille shutter mounting bolts. *Torque: 159 lb.in (18 Nm)*



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.

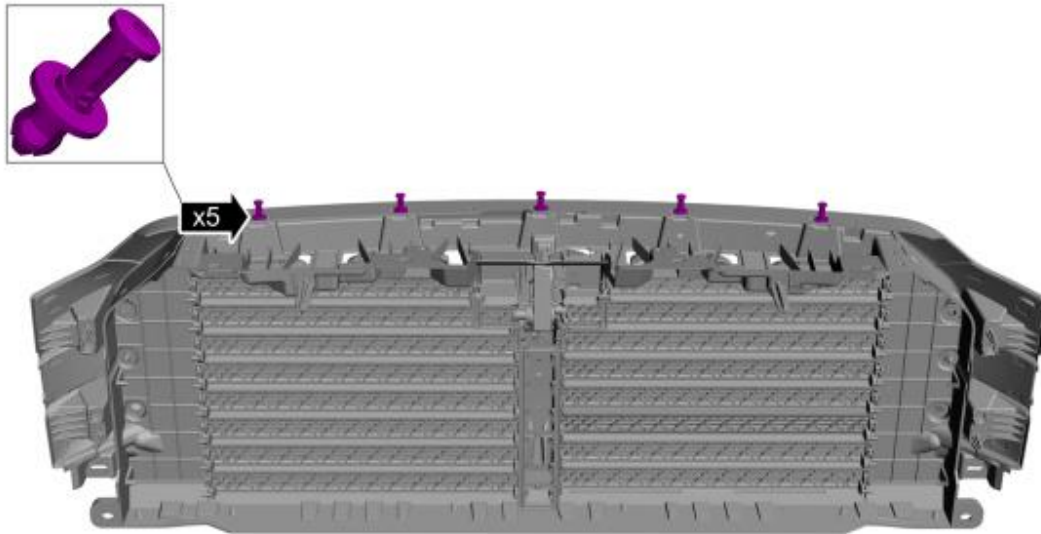


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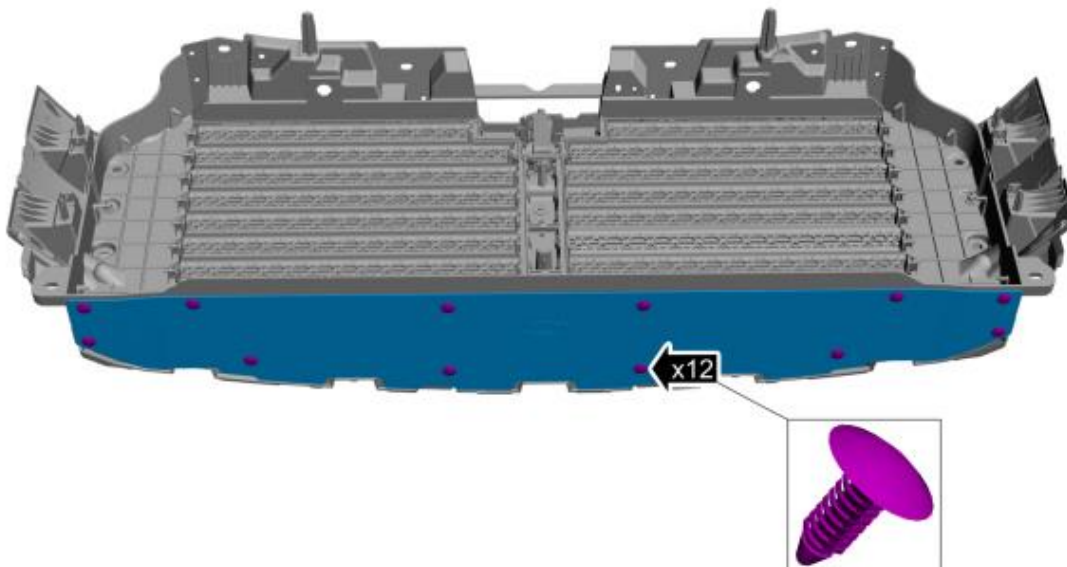
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Upper Active Grille Shutter Removal

1.8 Remove the push pins.



1.9 Remove the retainers and the deflector.

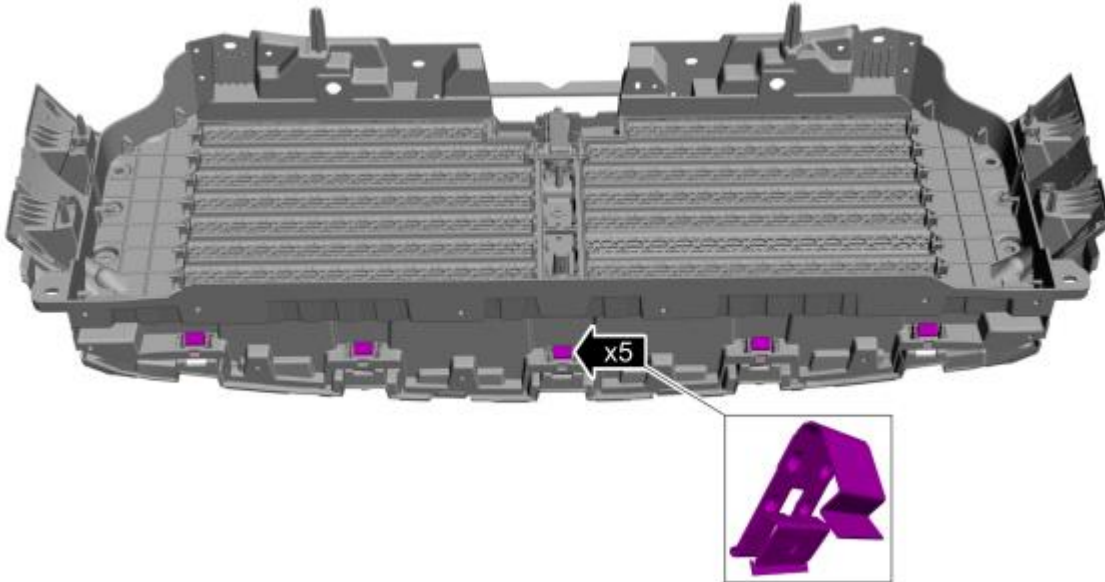


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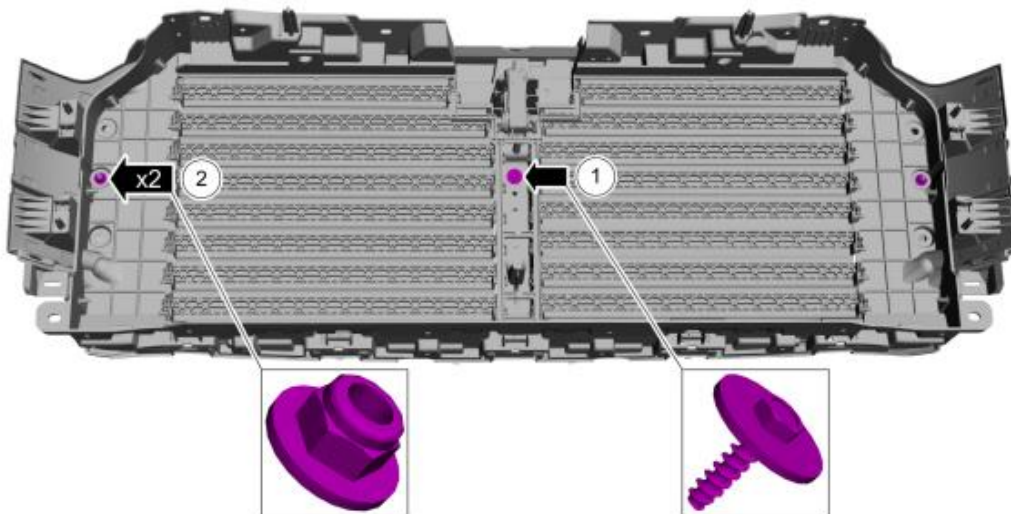
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1.10 Remove the clips.



E337658

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

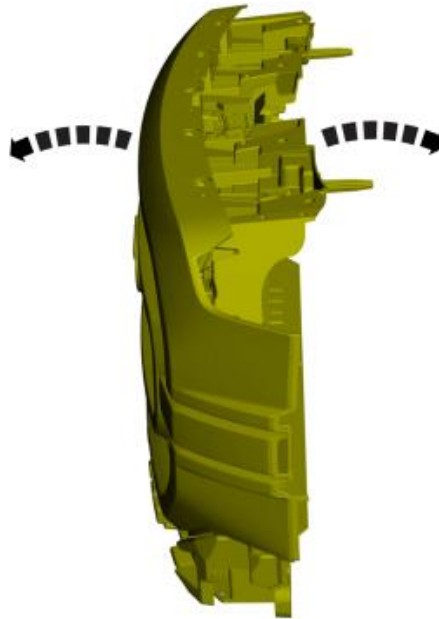


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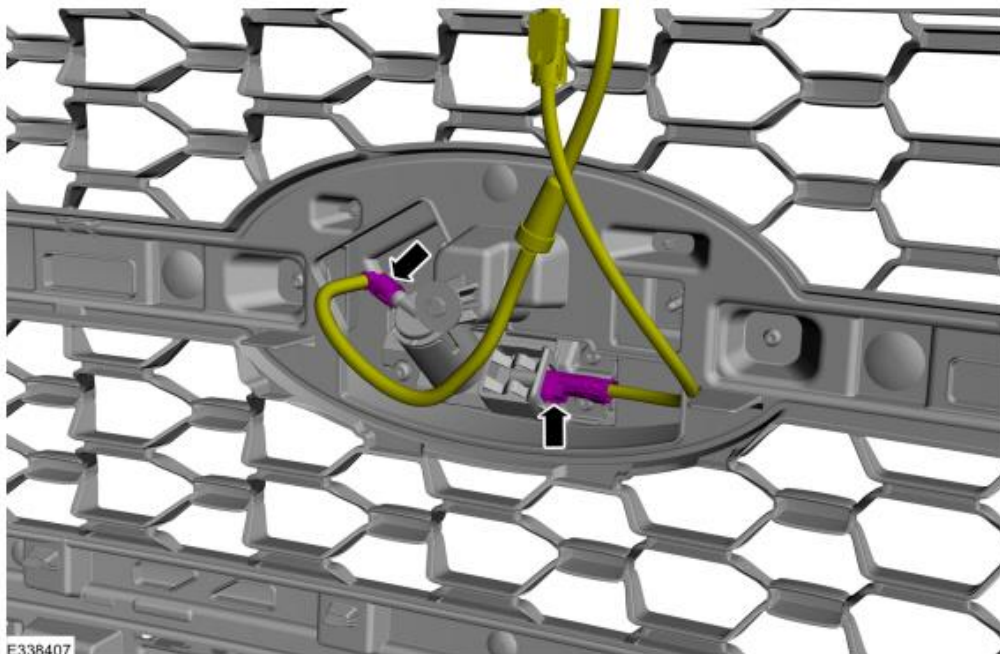
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1.12 Separate the active grille shutter from the radiator grille.



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

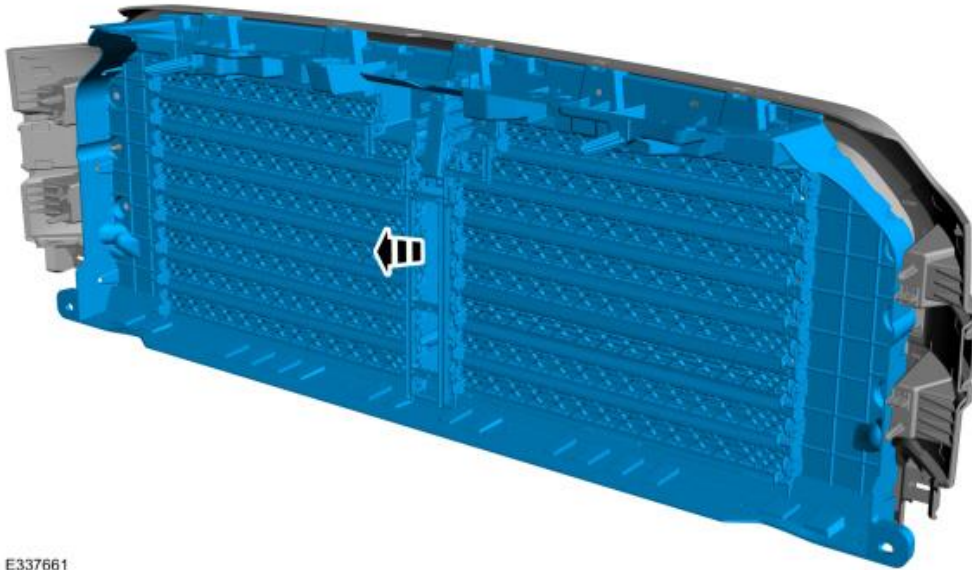


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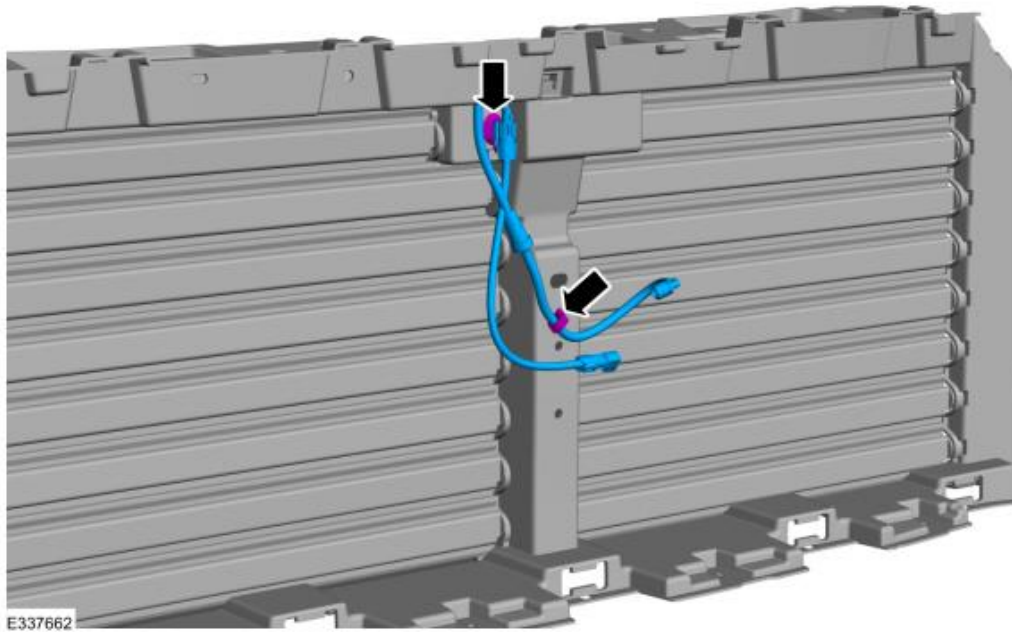
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1.14 Remove the upper active grille shutter.



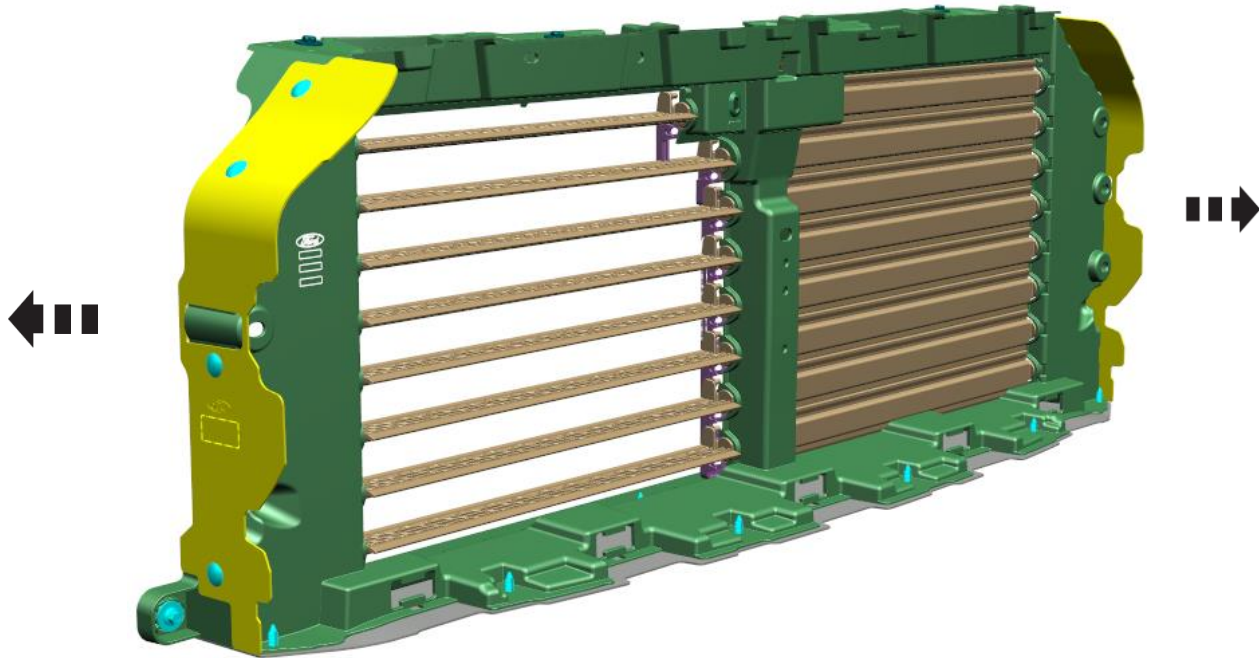
1.15 If equipped, remove the pin-type retainers and the wire harness.



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



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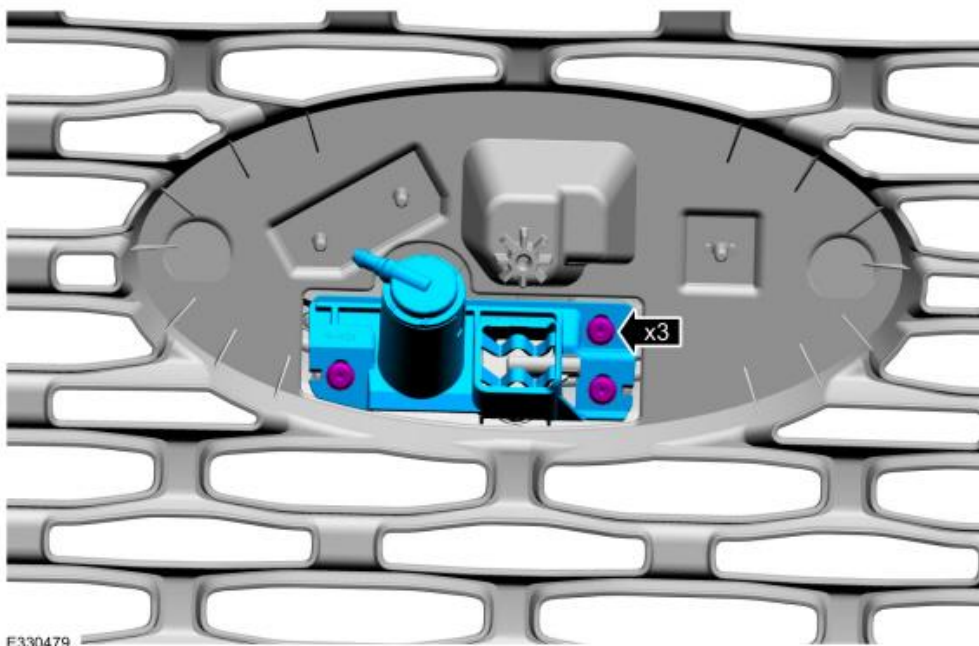
Grille Oval Removal

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.



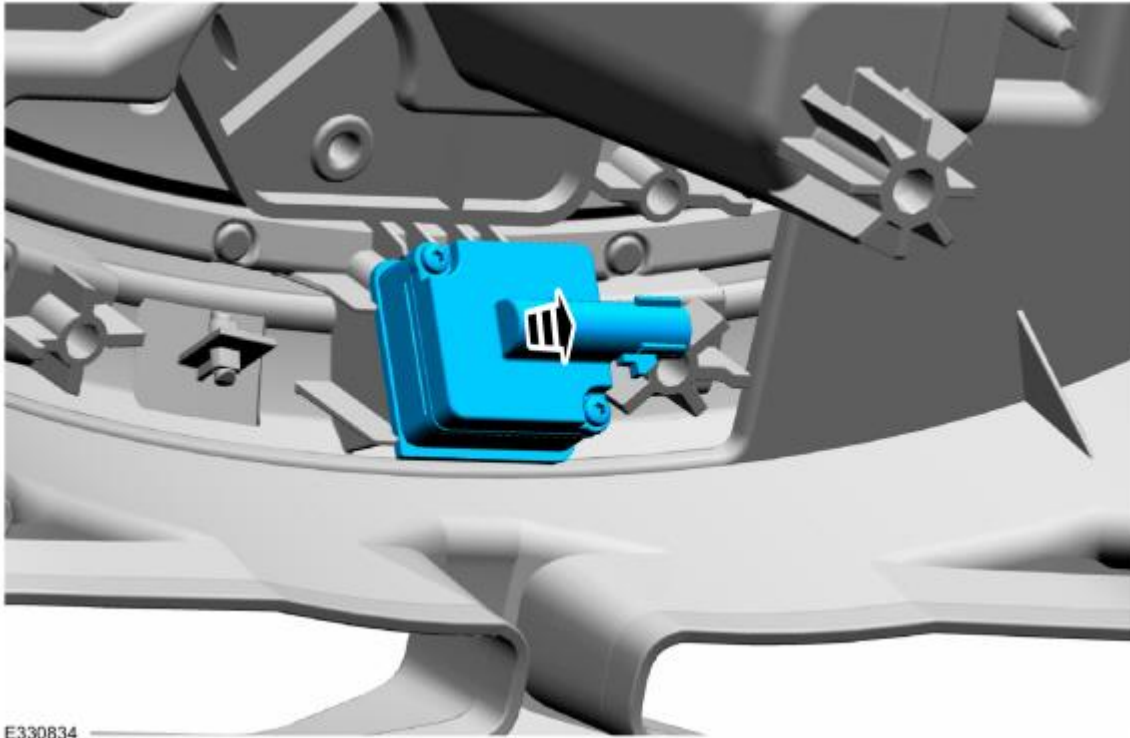
1.18 Remove the screws and the front camera washer and bracket as an assembly.



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1.19 Remove the front parking aid camera.



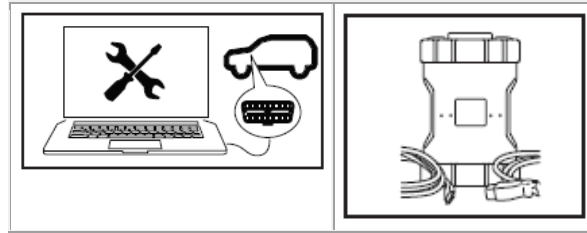
Installation

1.20 To install, reverse the removal procedure.

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

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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)

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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.

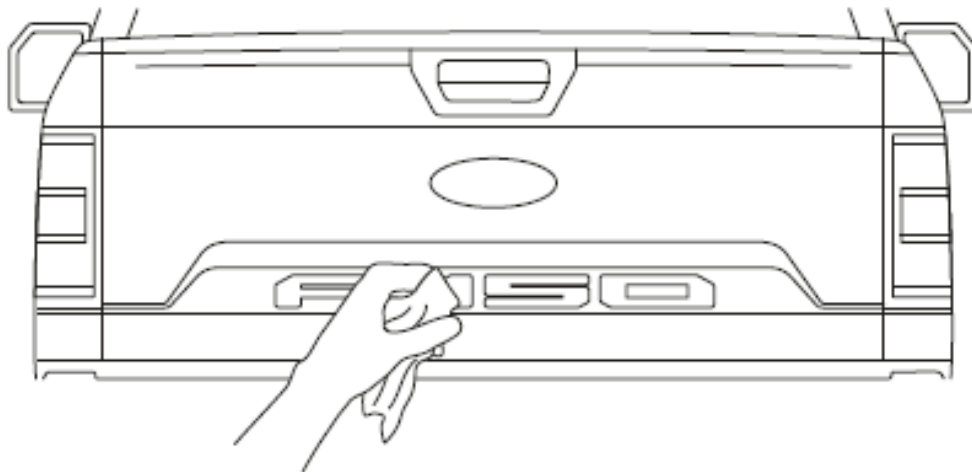
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2. Tailgate Lettering - Special Tool(s) / General Equipment



⚠ 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.

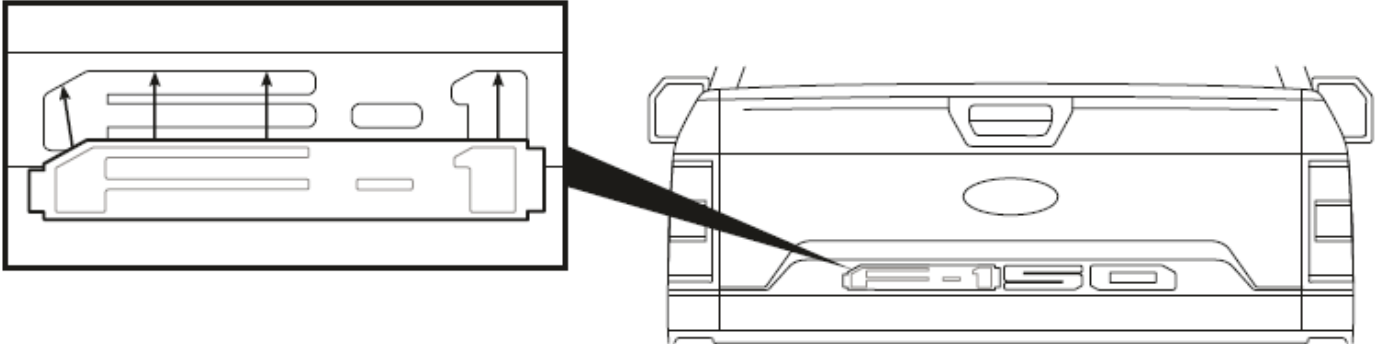
2.1 Clean surface with naphtha base cleaner to remove dirt and grease. Remove residue from area and allow area to dry thoroughly.



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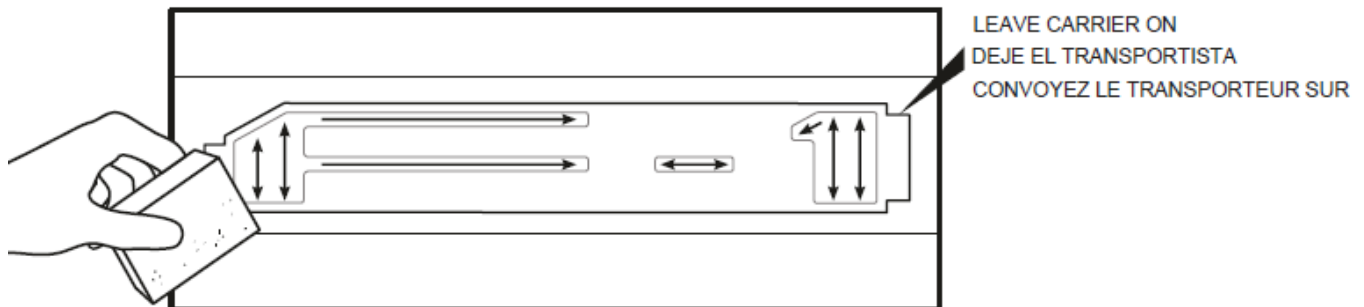
2.2 Remove the film on the adhesive side of the “F-1” decal. **Carefully** position the “F-1” decal on the tailgate by aligning it with the locations shown with arrows in the illustration below.

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.

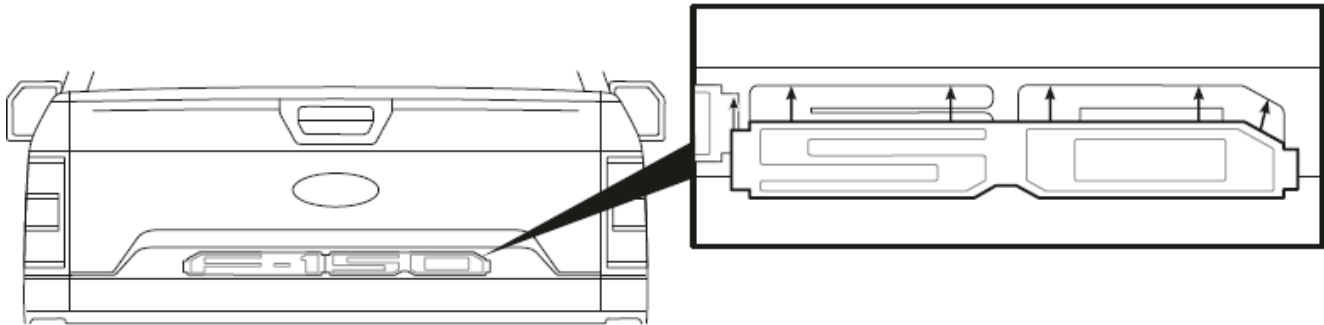
LEAVE CARRIER ON.



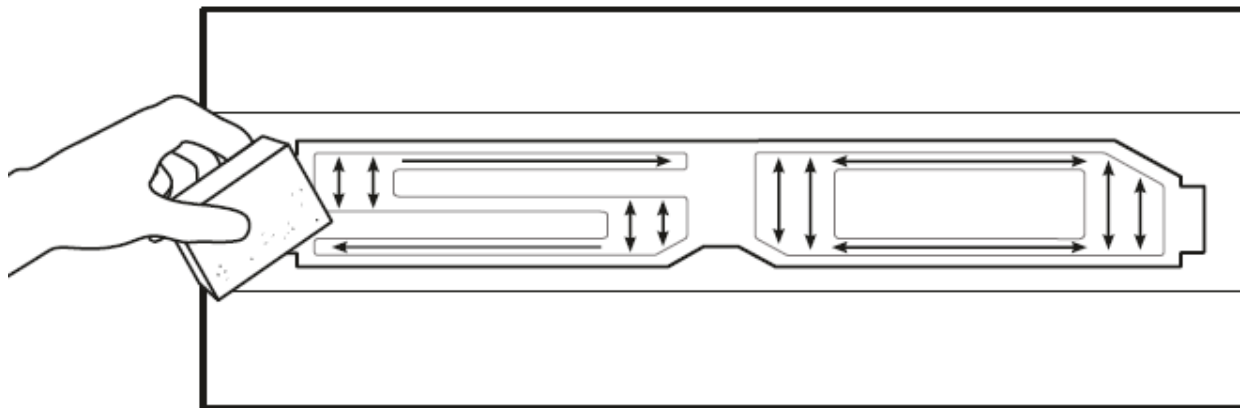
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2.4 Remove the film on the adhesive side of the “50” decal. **Carefully** position the “50” decal on the tailgate by aligning it with the “F-1” carrier and locations shown with arrows in the illustration below.

LEAVE CARRIER ON.



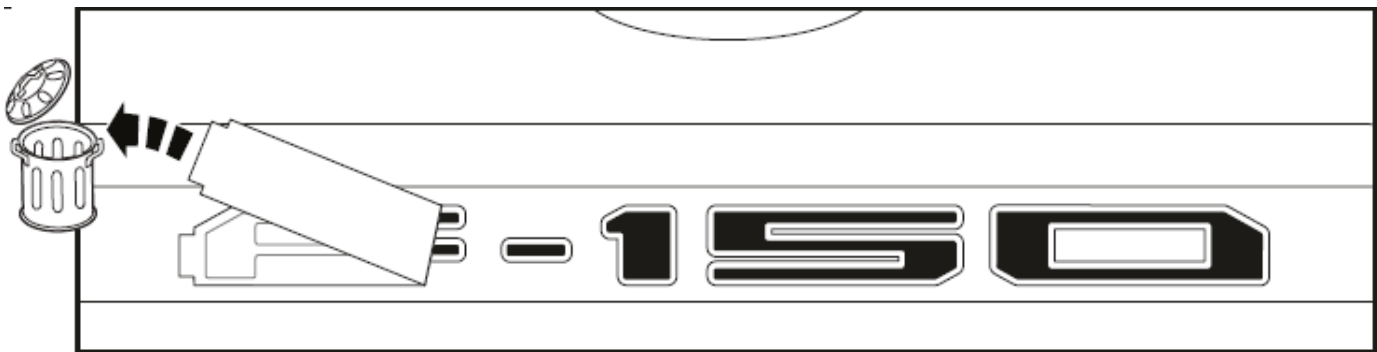
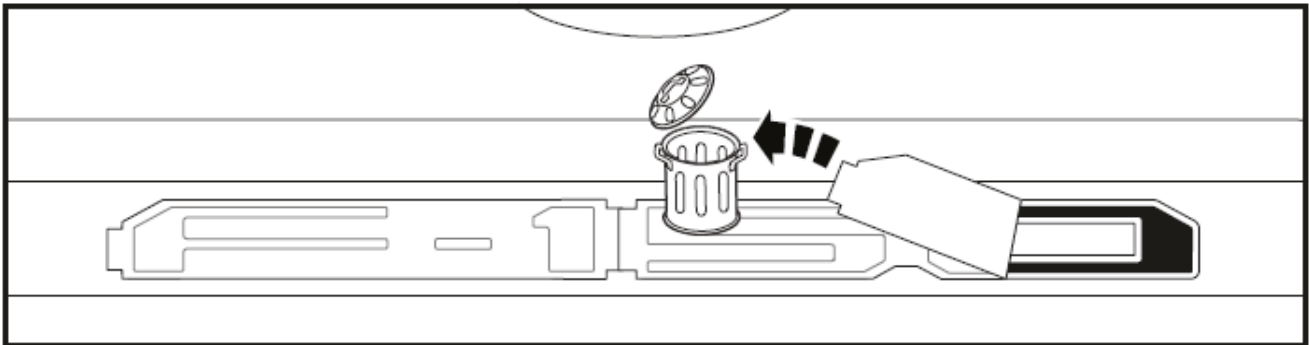
2.5 Use the foam block to firmly press along the directions shown in the illustration below to adhere the decal to the tailgate.



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

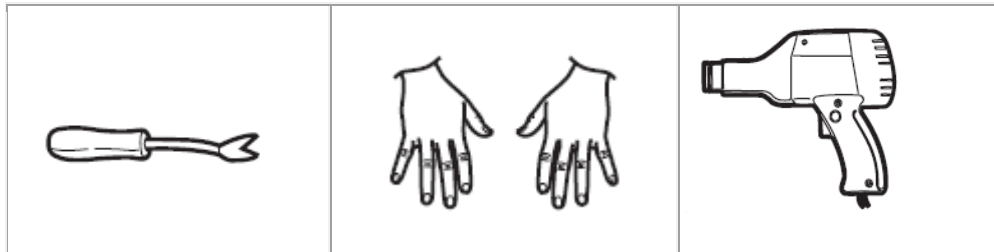
Properly dispose of decal carriers.



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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.



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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.



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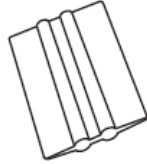
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4. Bodyside Grapics - Special Tool(s) / General Equipment

SOAP AND WATER SOLUTION
SOLUCIÓN DE AGUA Y JABÓN
SOLUTION SAVON ET EAU



SQUEEGEE
ENJUGADOR DE GOMA
RACLETTE



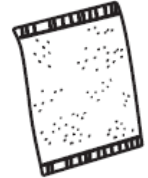
KNIFE
CUCHILLO
COUTEAU



ALCOHOL WIPES
TOALLITAS CON ALCOHOL
LINGETTES ALCOOLISÉES

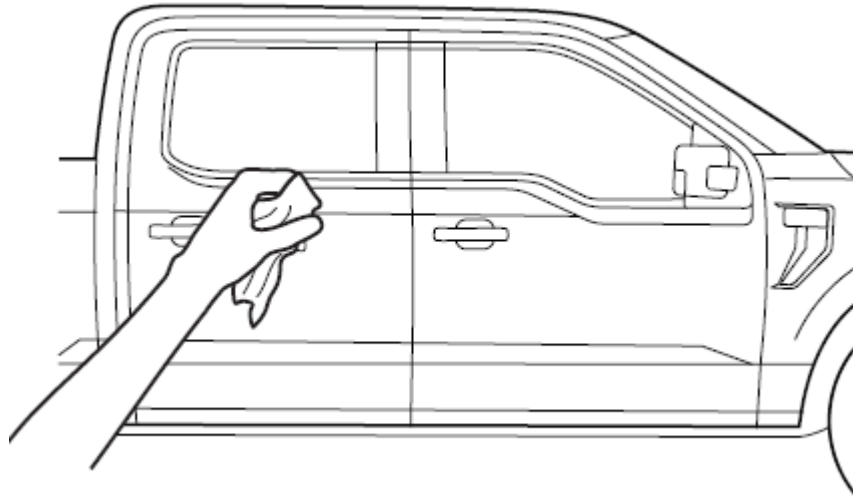


SOFT CLOTH
ROPA SUAVE
CHIFFON DOUX



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4.1 Clean surface with naphtha base cleaner to remove dirt and grease. Remove residue from area and allow area to dry thoroughly.



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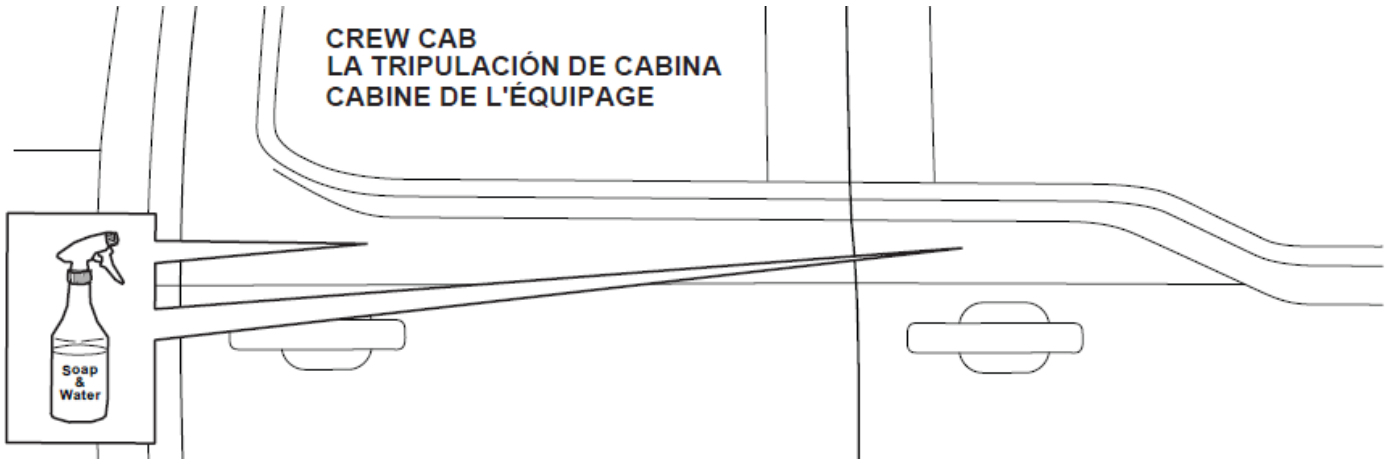
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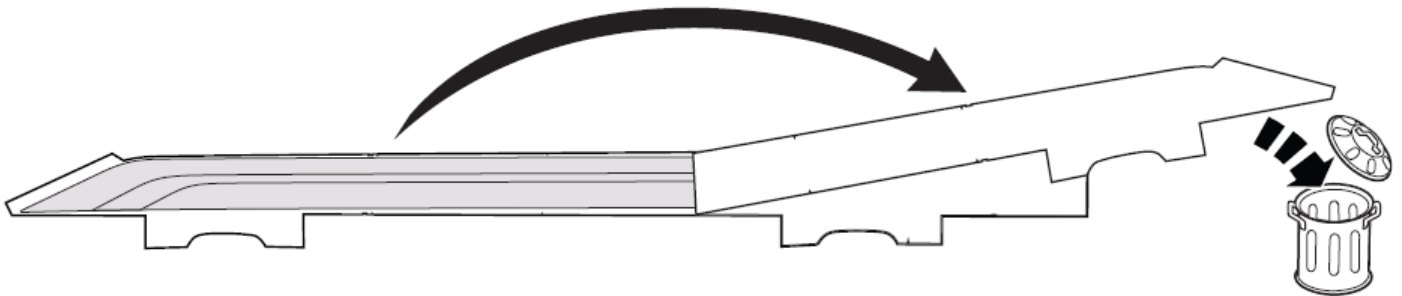
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4.2 CREW CAB

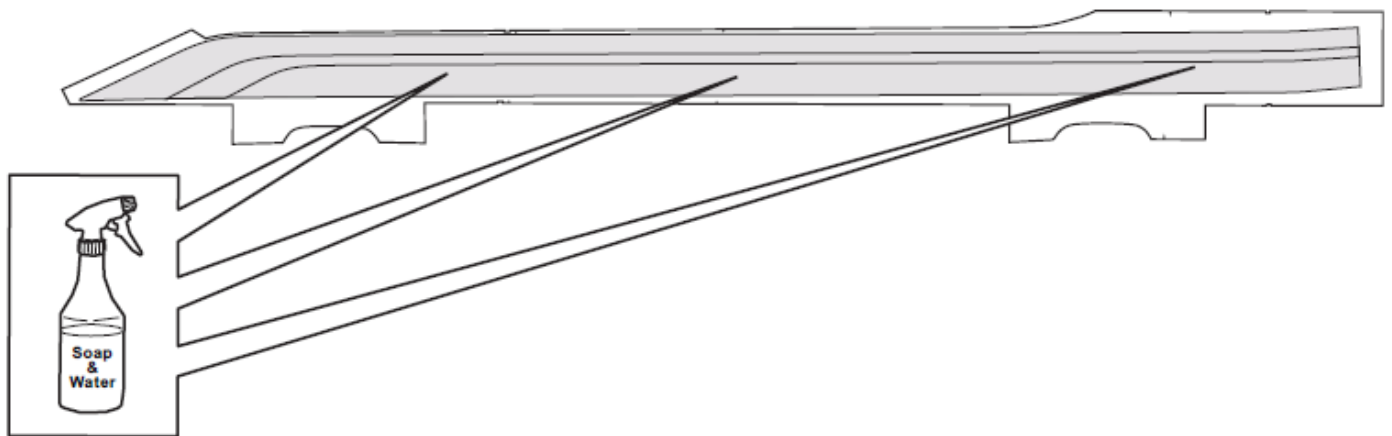
CREW CAB
LA TRIPULACIÓN DE CABINA
CABINE DE L'ÉQUIPAGE



4.3



4.4



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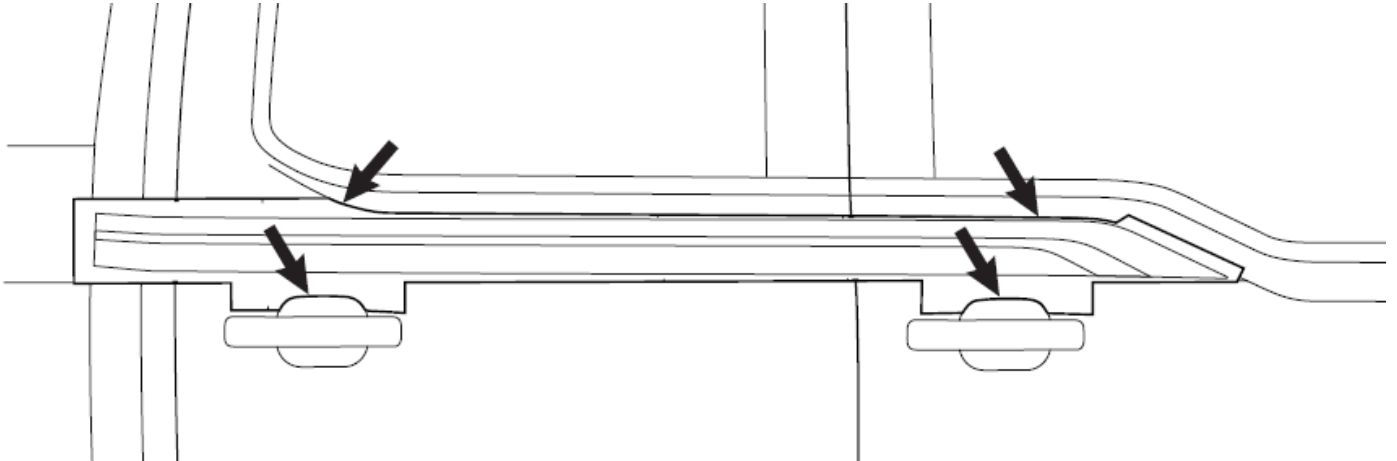


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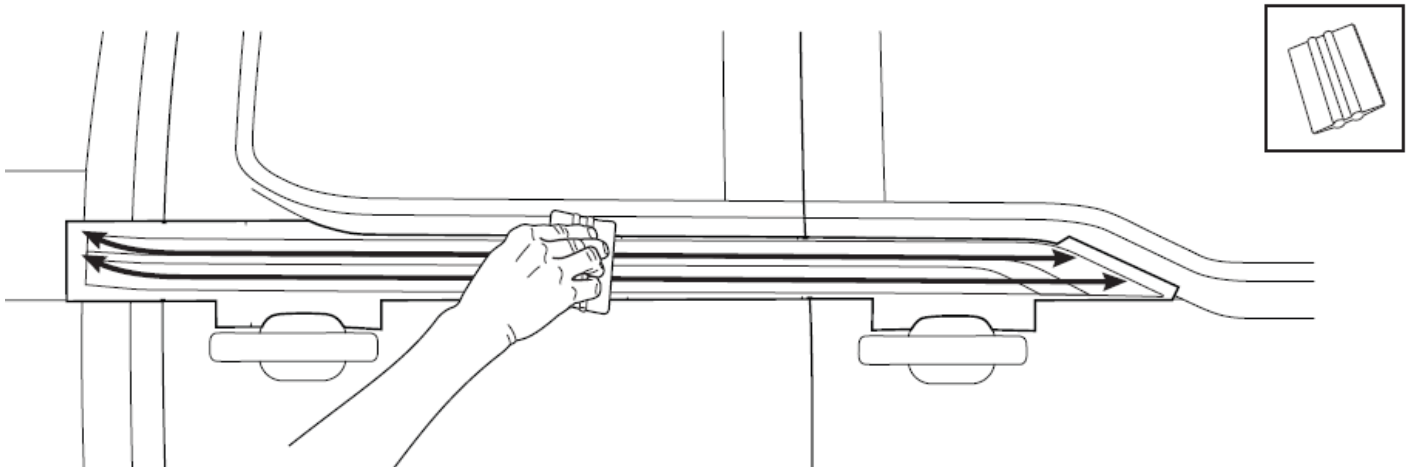
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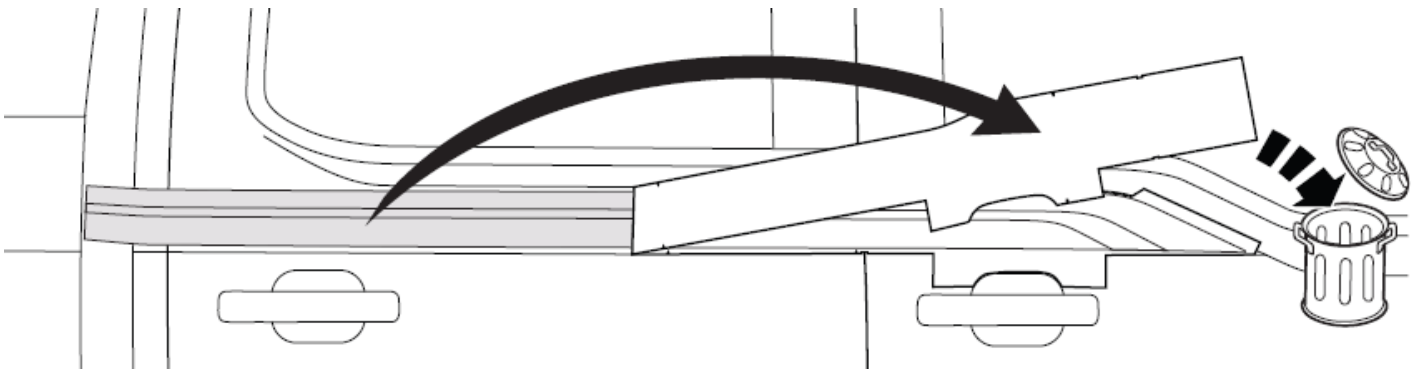
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4.6



4.7



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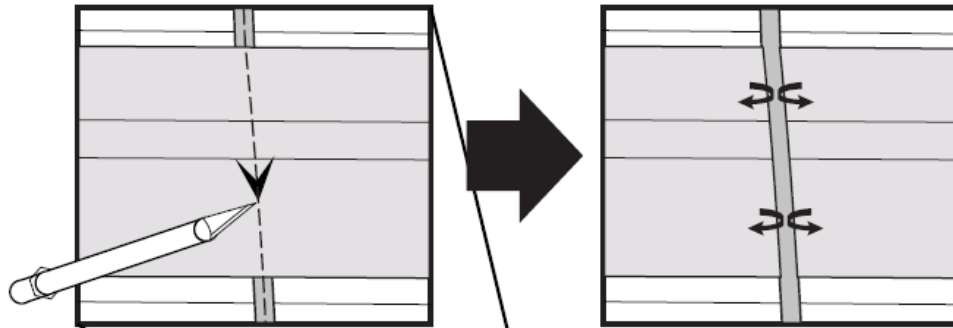


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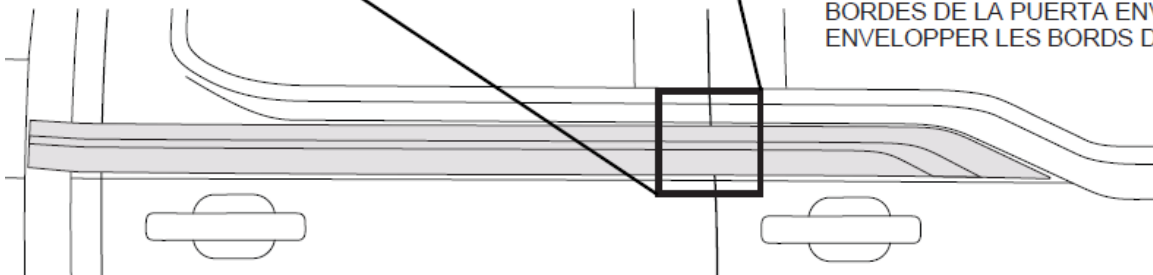
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4.8

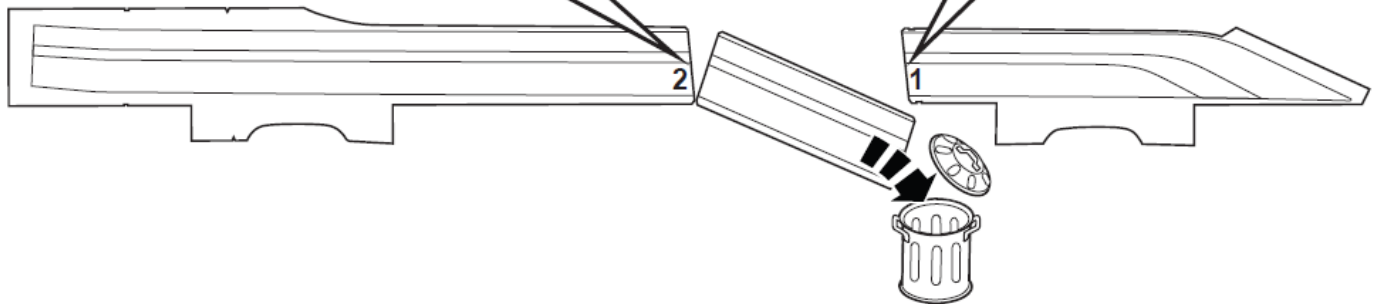


WRAP AROUND DOOR EDGES
BORDES DE LA PUERTA ENVOLVENTE
ENVELOPPER LES BORDS DE LA PORTE



4.9 SUPER CAB

SUPER CAB
SÚPER CABINA
SUPER CABINE



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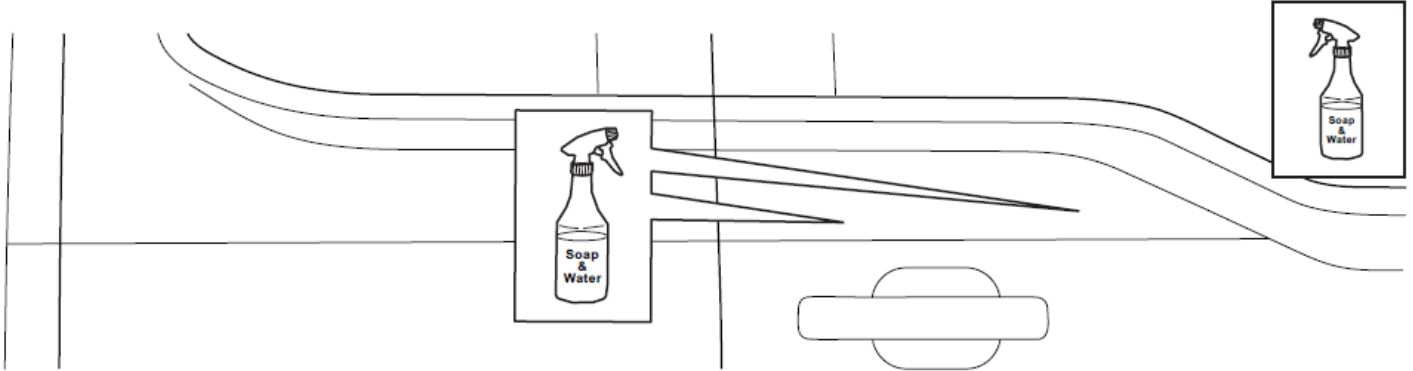


FORD PERFORMANCE

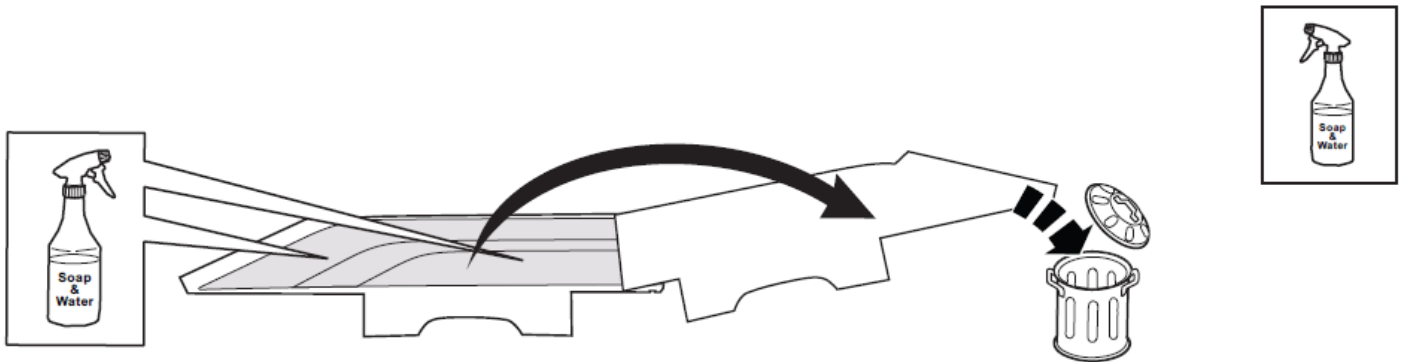
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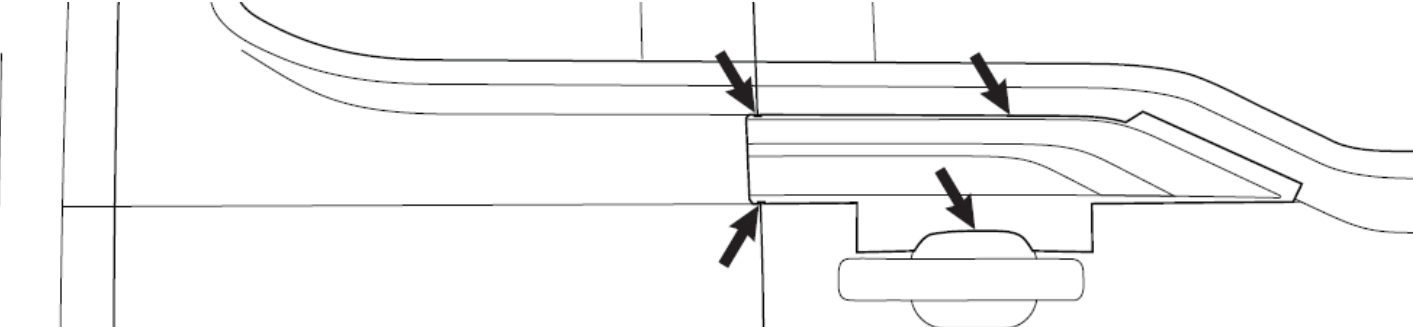
4.10



4.11



4.12



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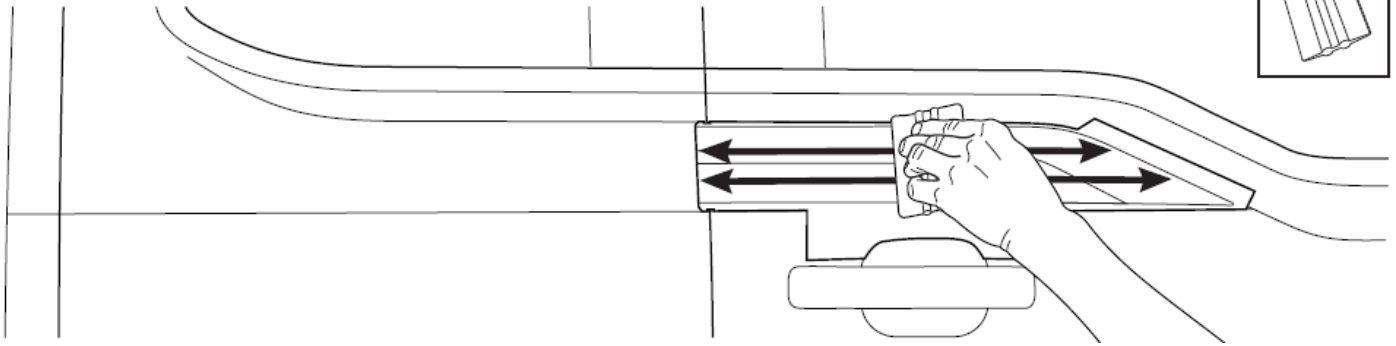
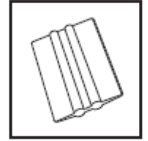


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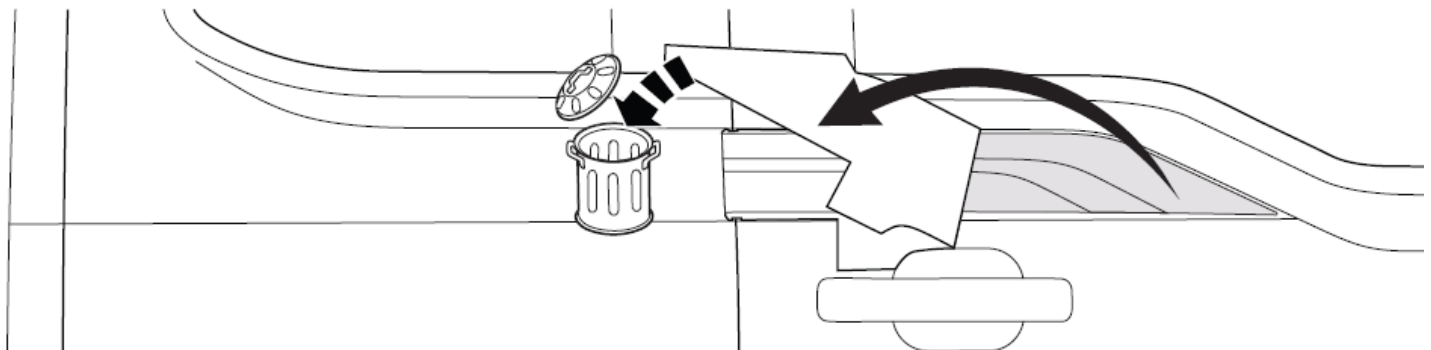
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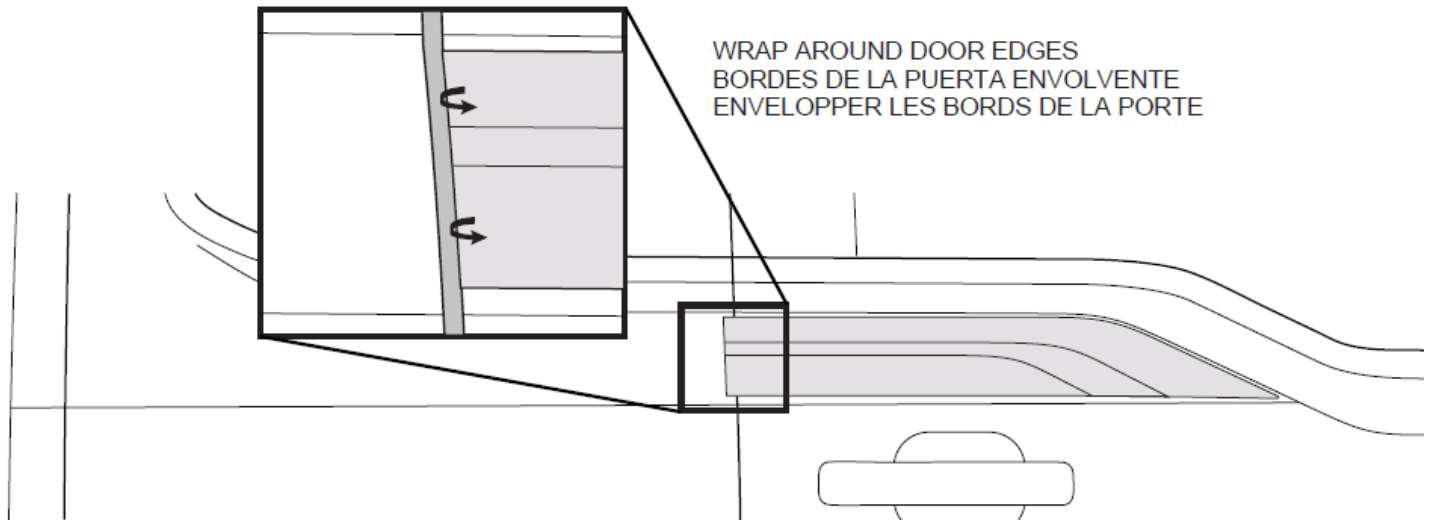


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WRAP AROUND DOOR EDGES
BORDES DE LA PUERTA ENVOLVENTE
ENVELOPPER LES BORDS DE LA PORTE



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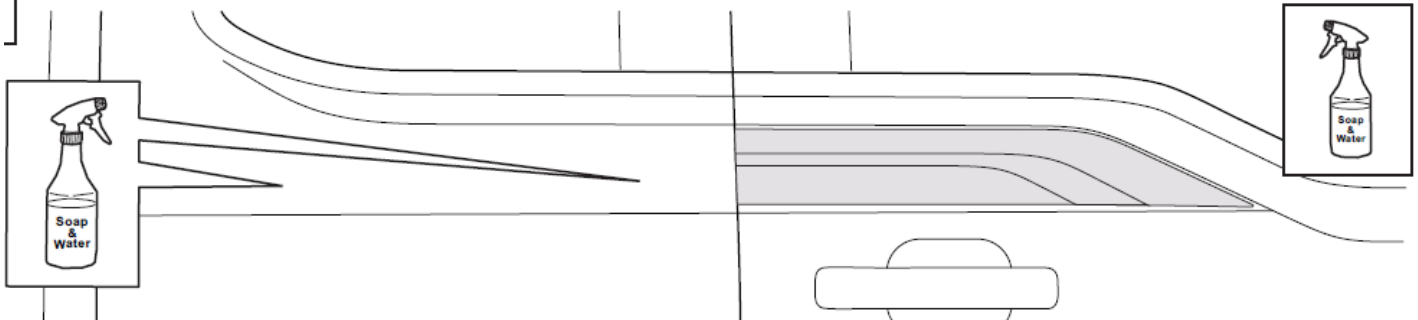


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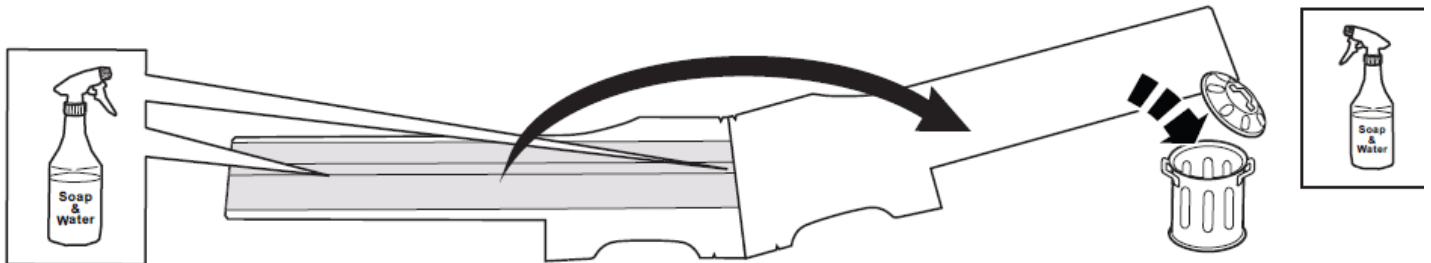
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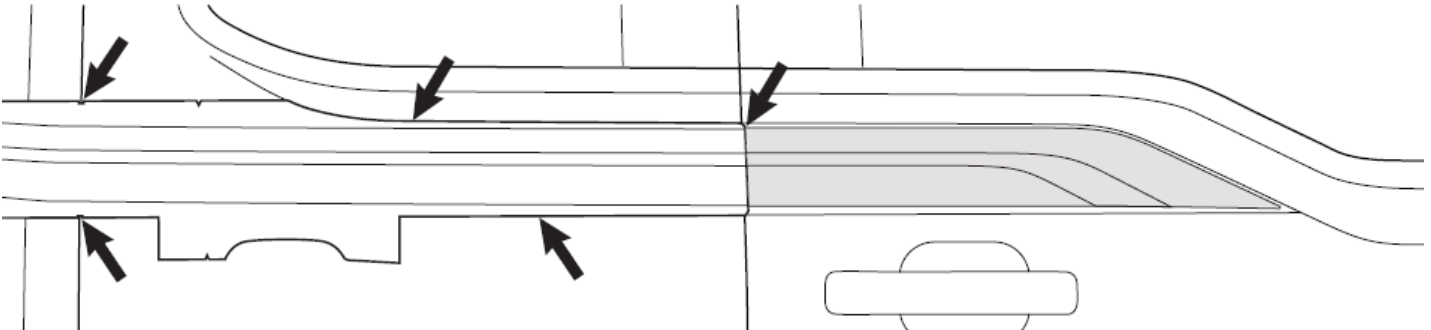
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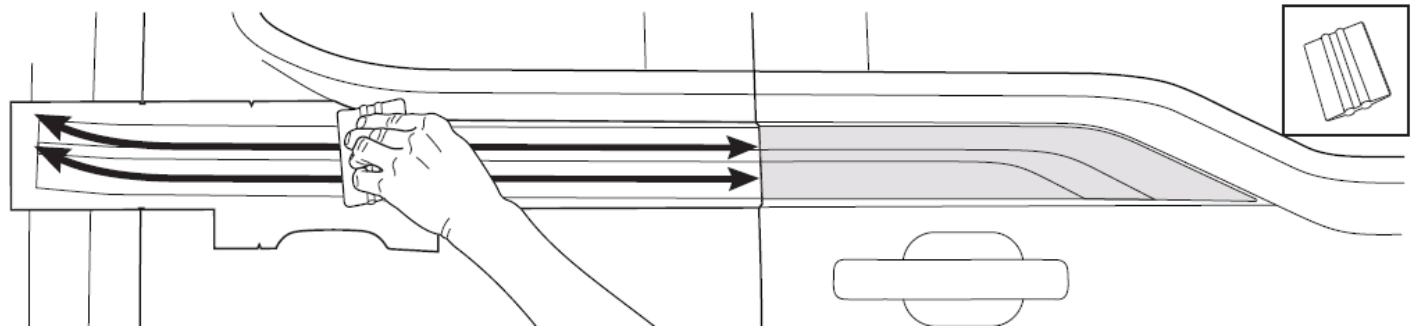
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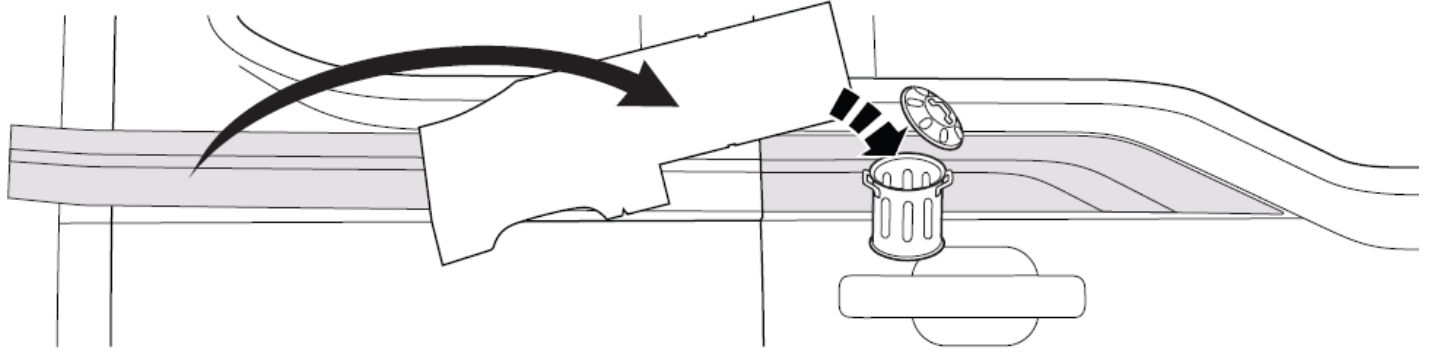


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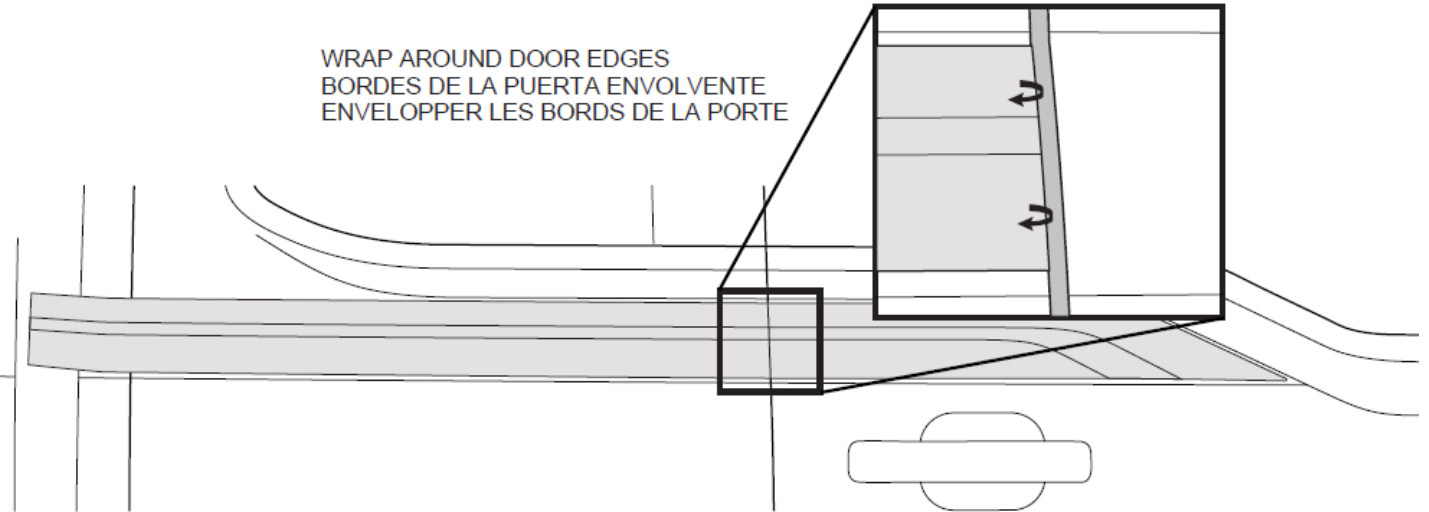
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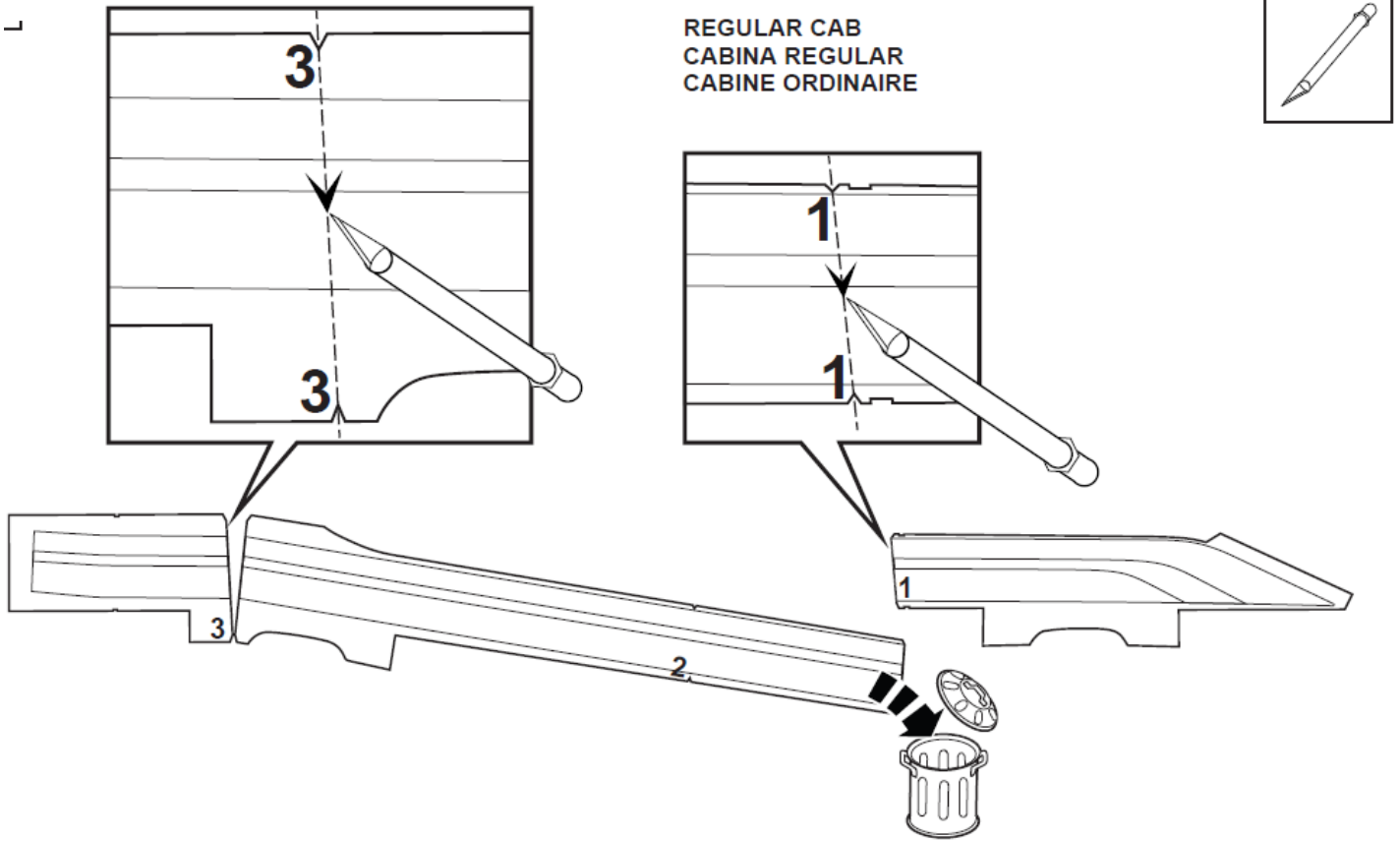


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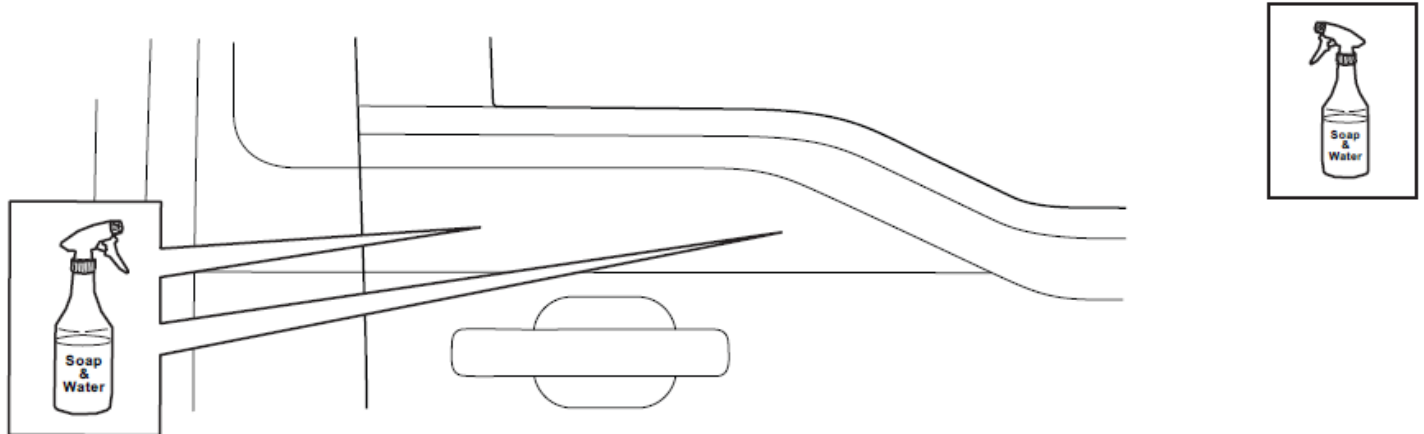
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4.22 REGULAR CAB



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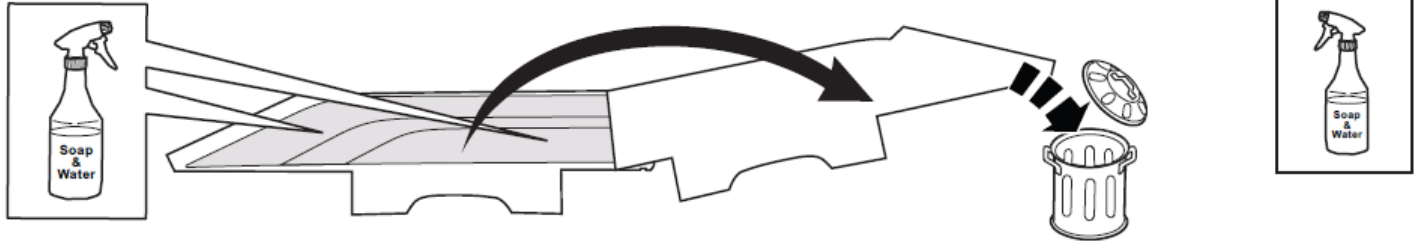


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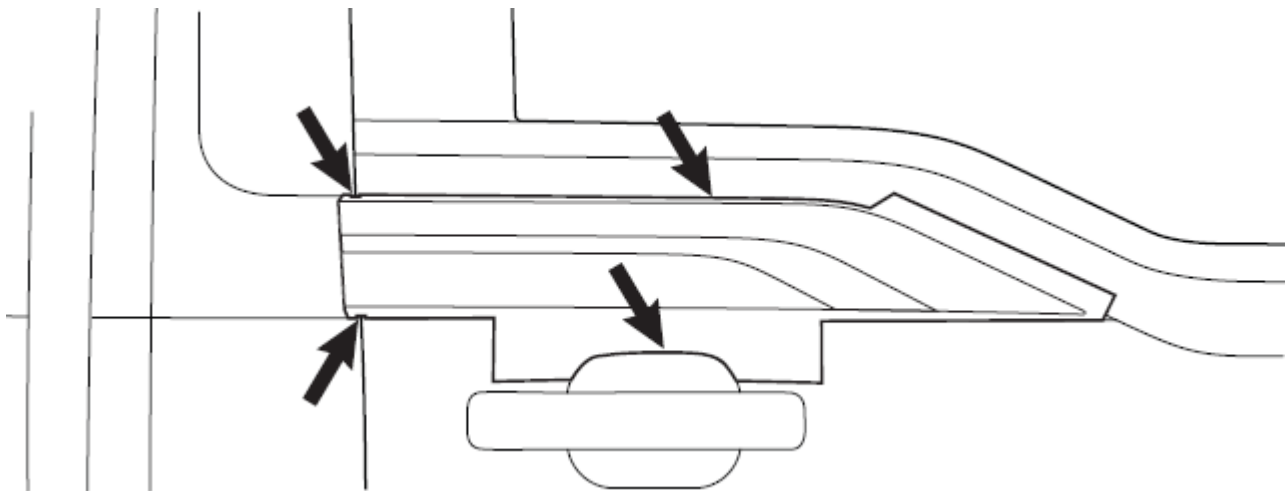
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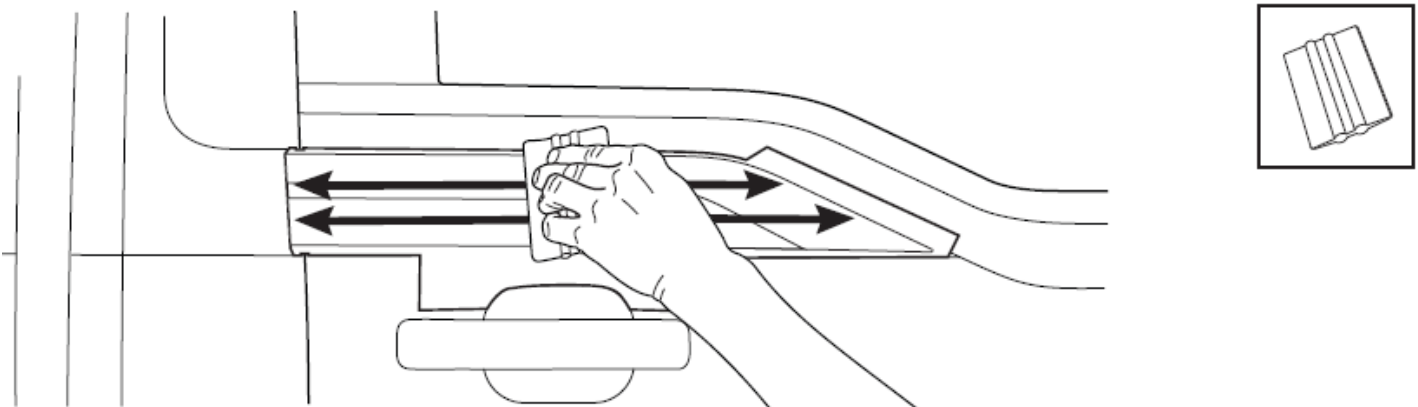
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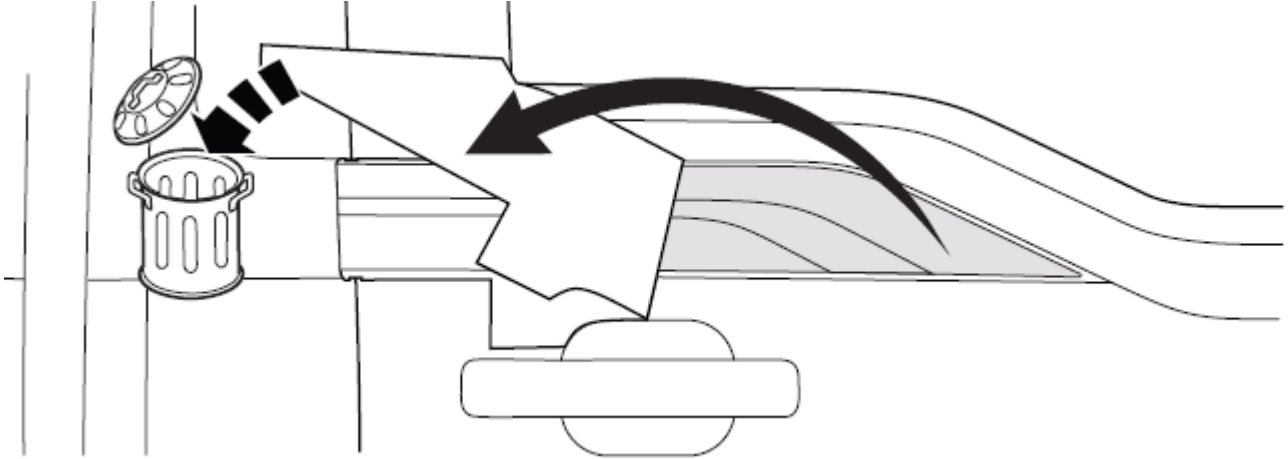


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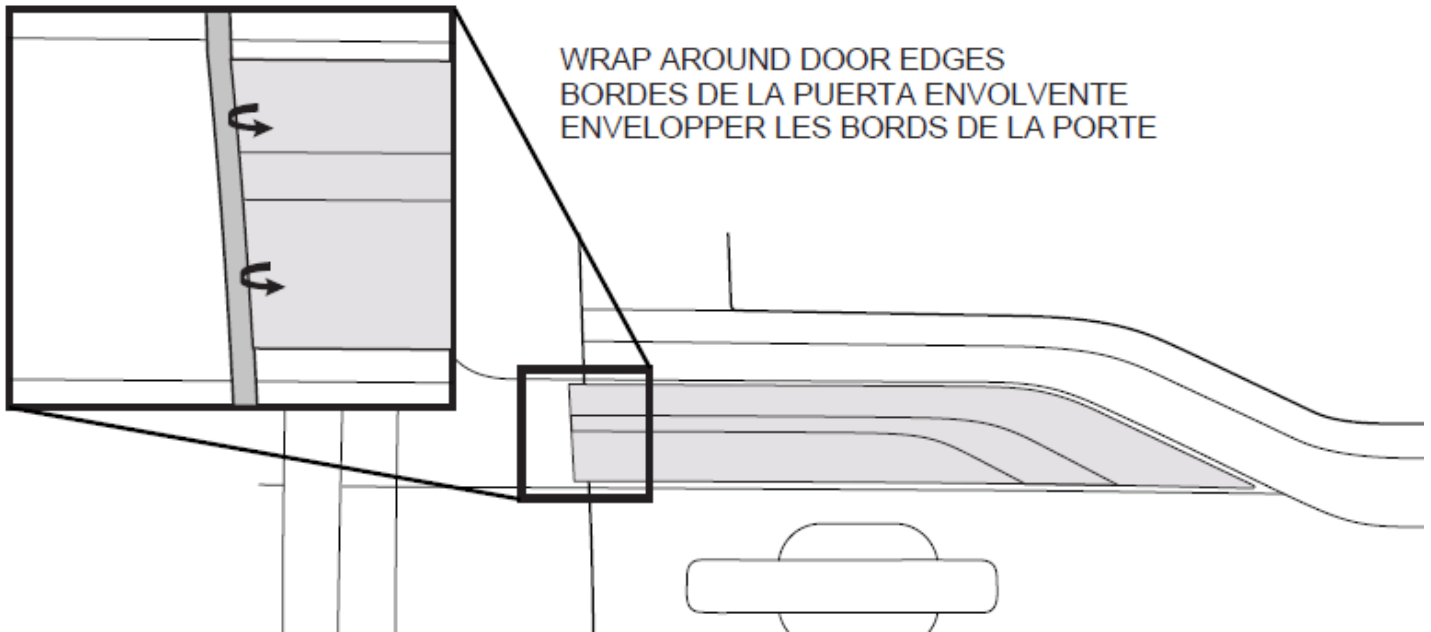
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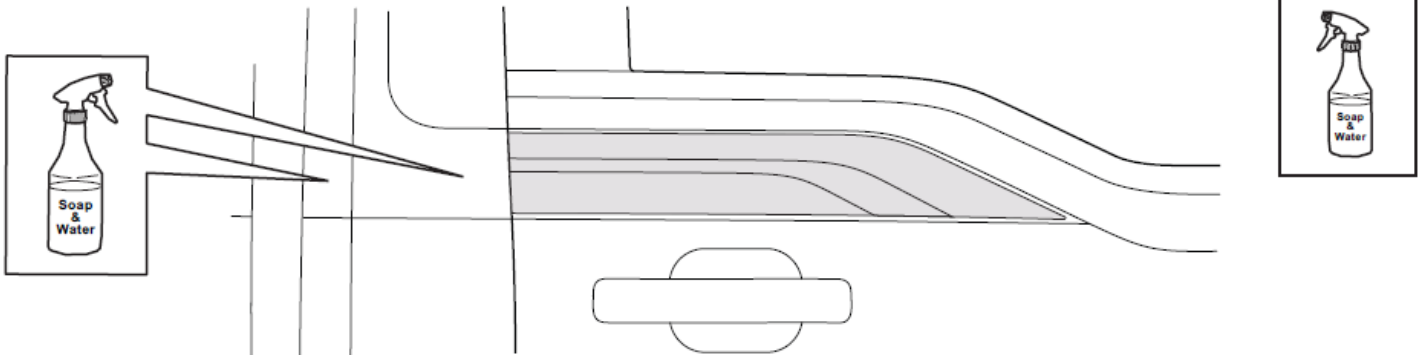


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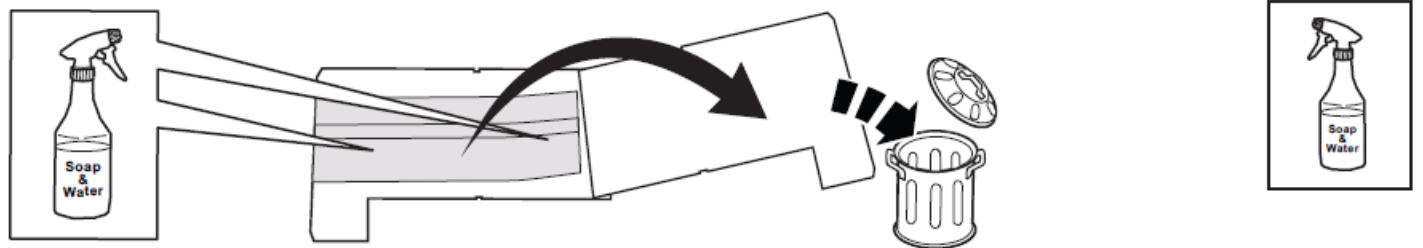
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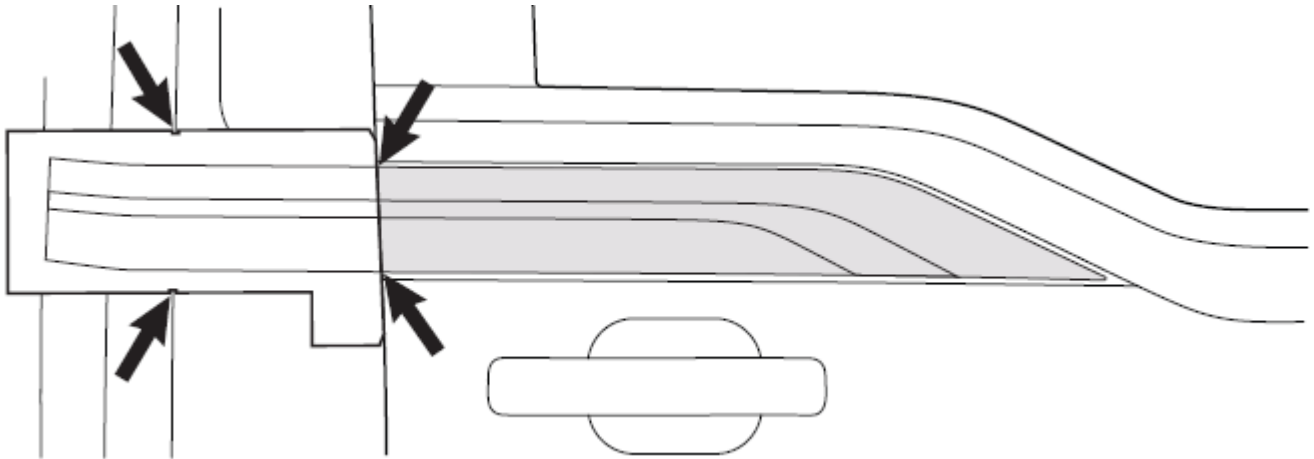
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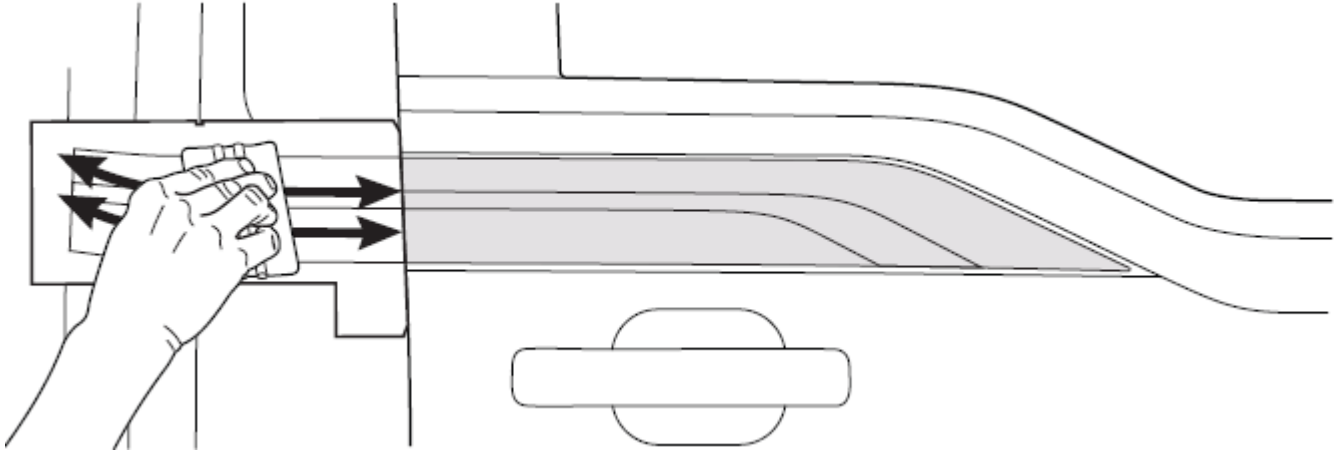


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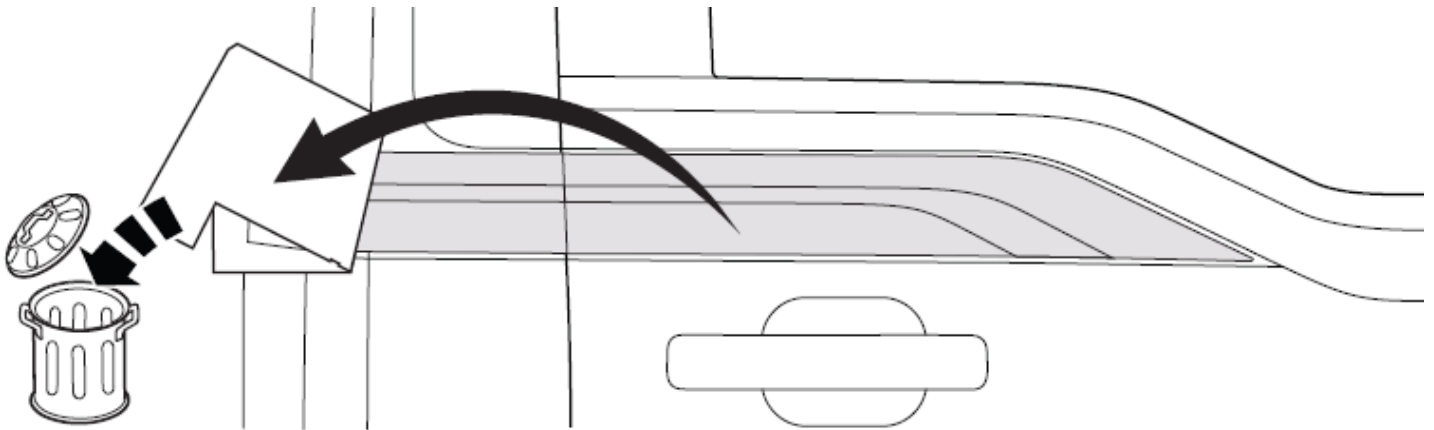
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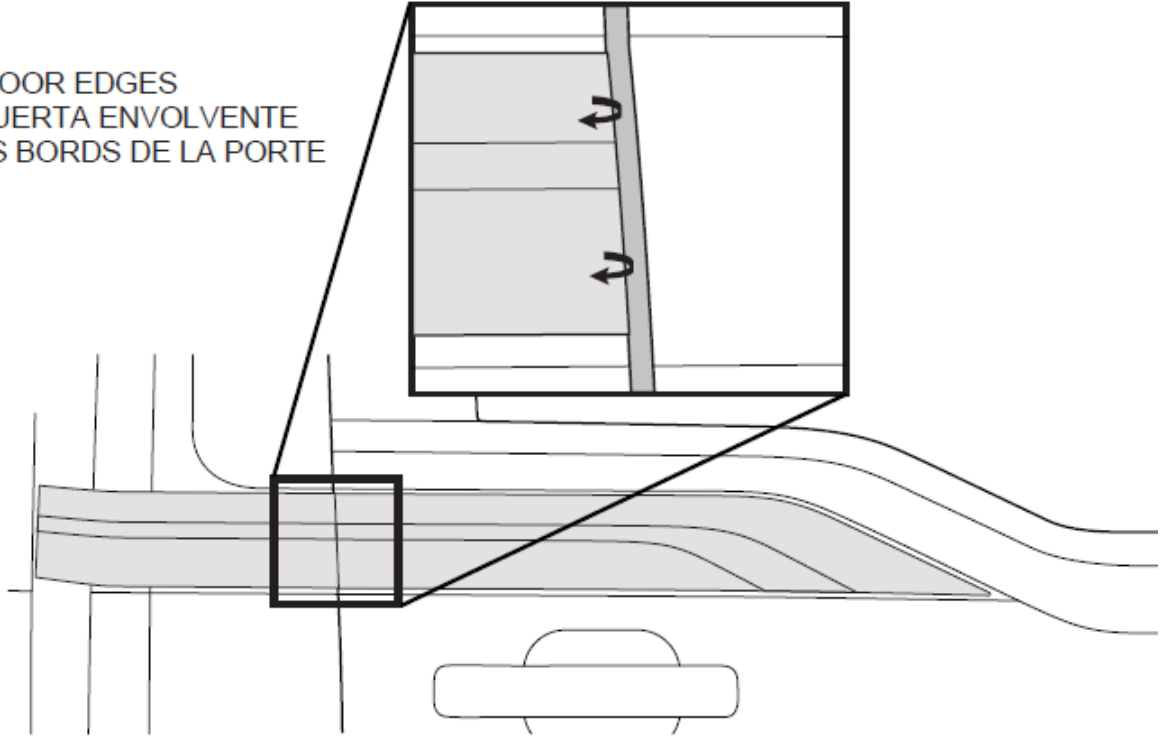
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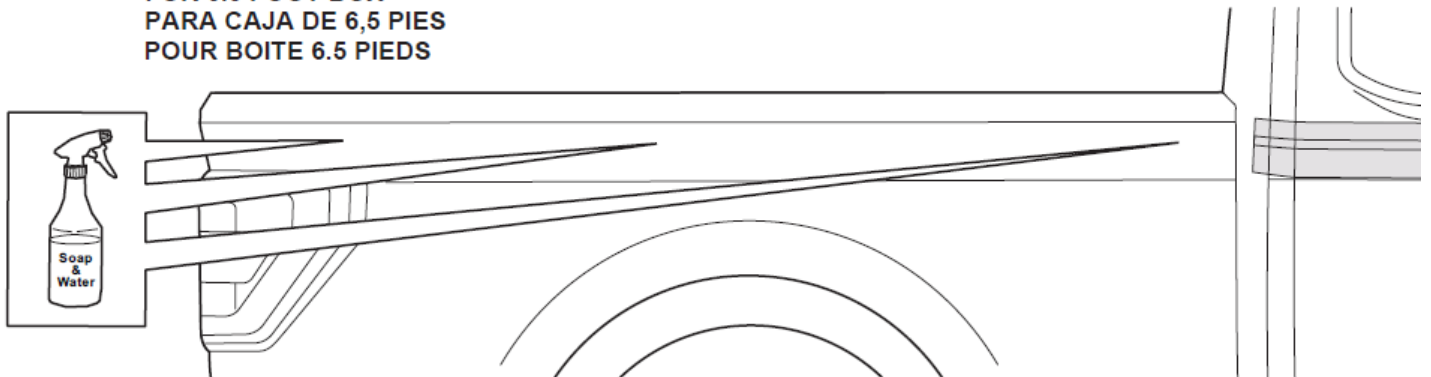
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WRAP AROUND DOOR EDGES
BORDES DE LA PUERTA ENVOLVENTE
ENVELOPPER LES BORDS DE LA PORTE



4.35 FOR 6.5 FOOT BOX

FOR 6.5 FOOT BOX
PARA CAJA DE 6,5 PIES
POUR BOITE 6.5 PIEDS



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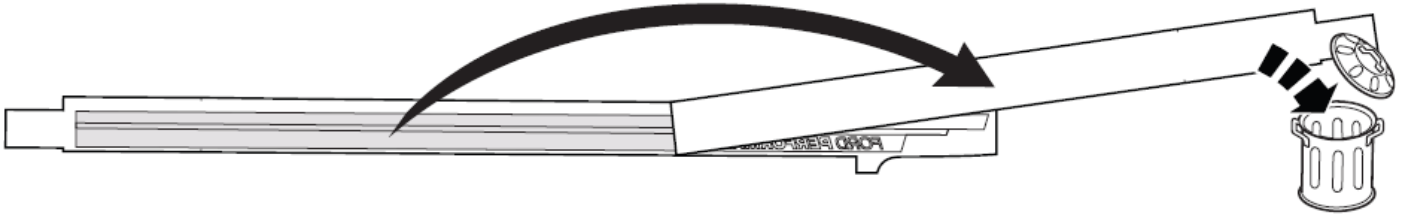


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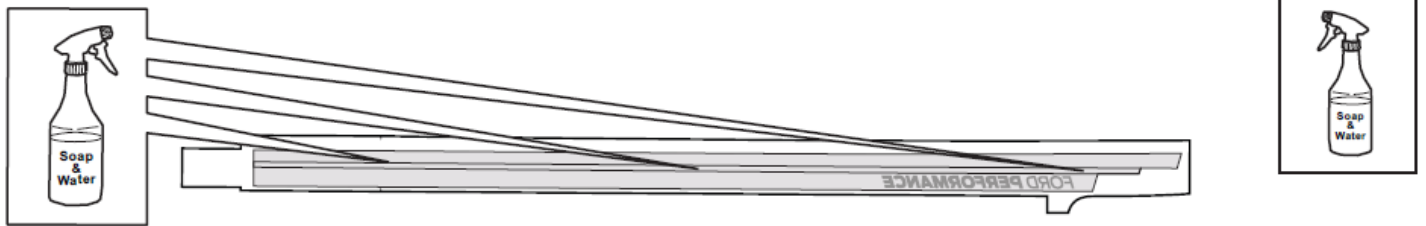
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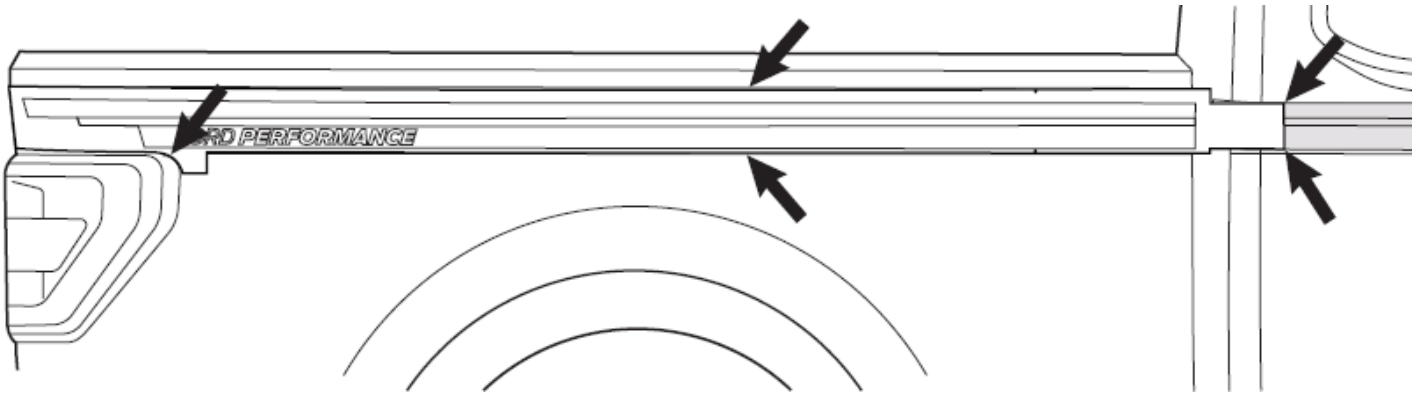
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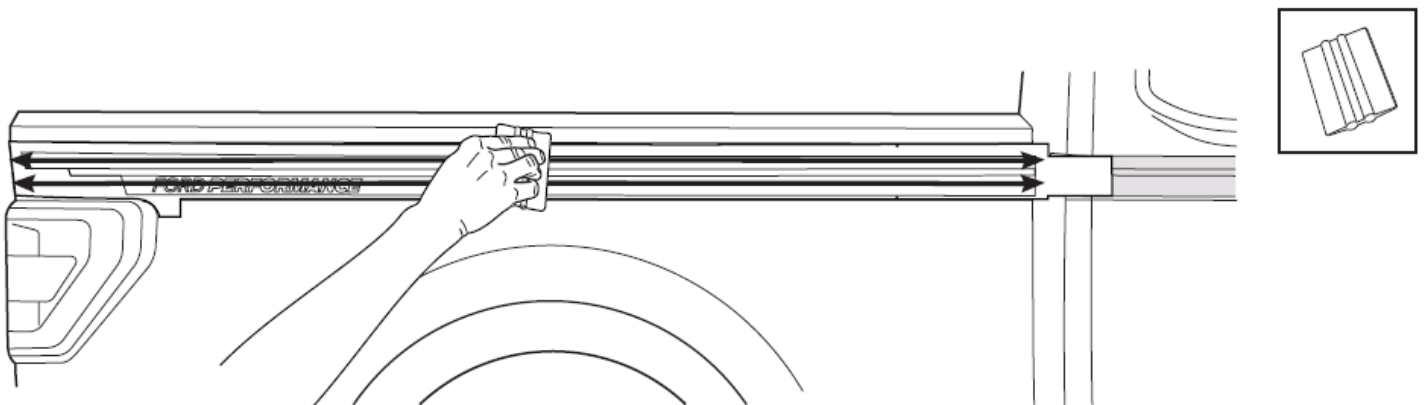
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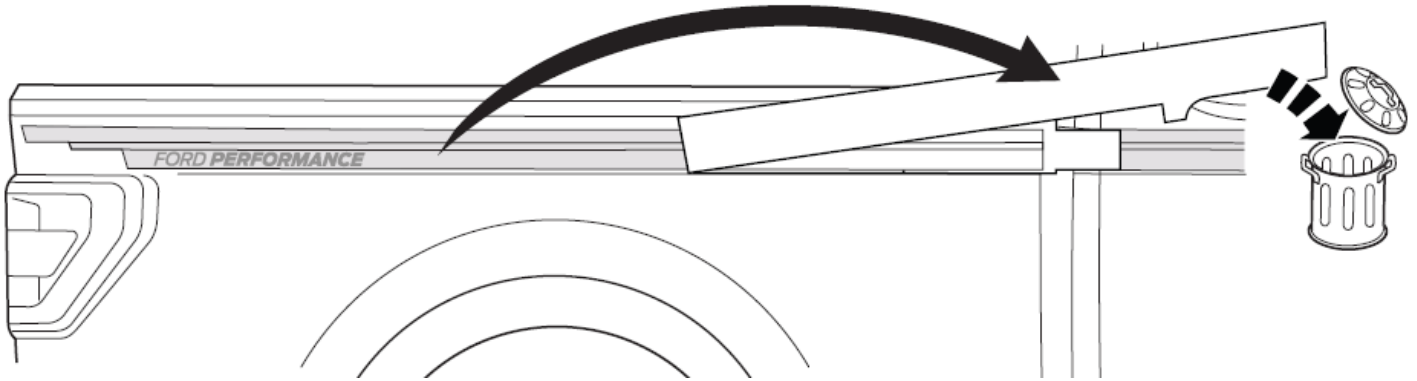


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FP700 Package

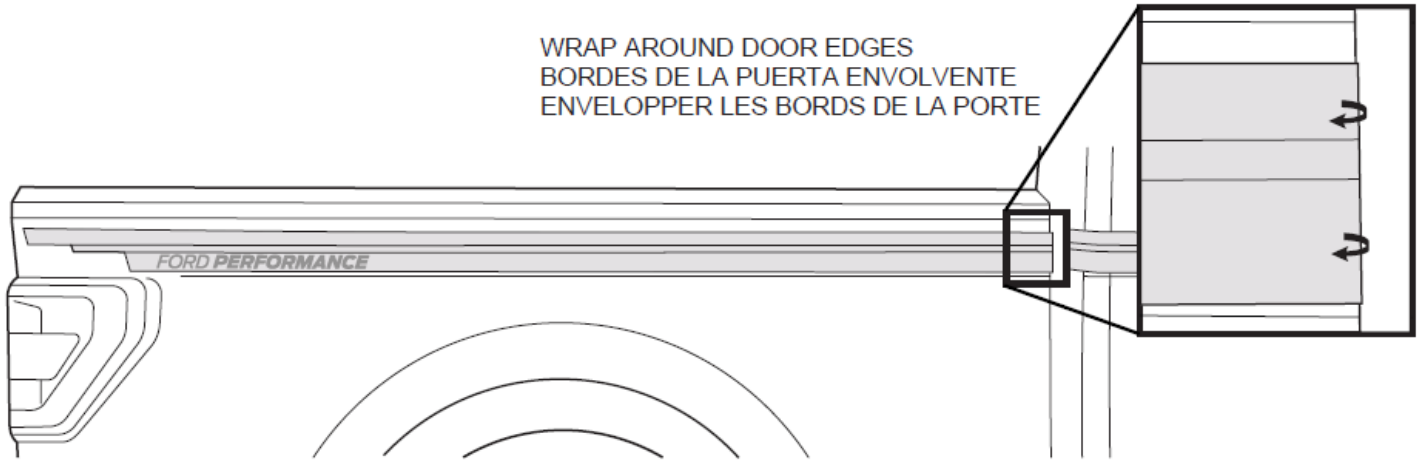
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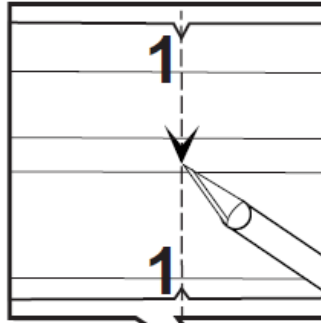
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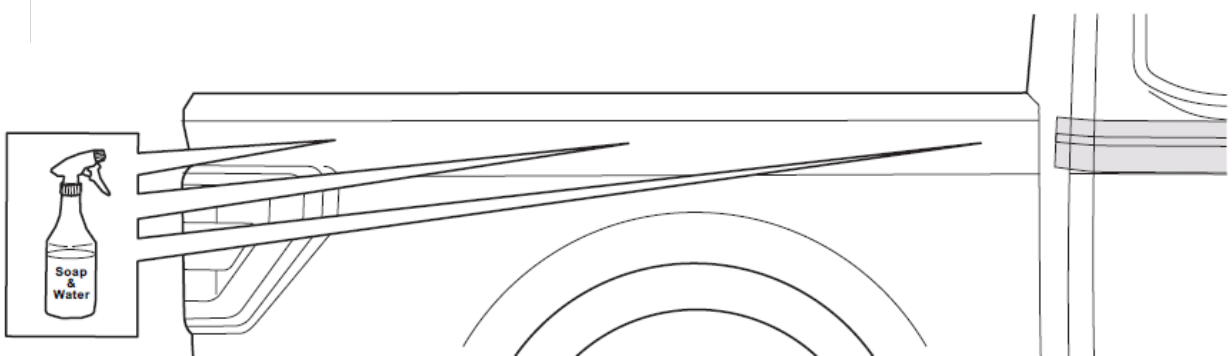
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4.42 FOR 5.5 FOOT BOX

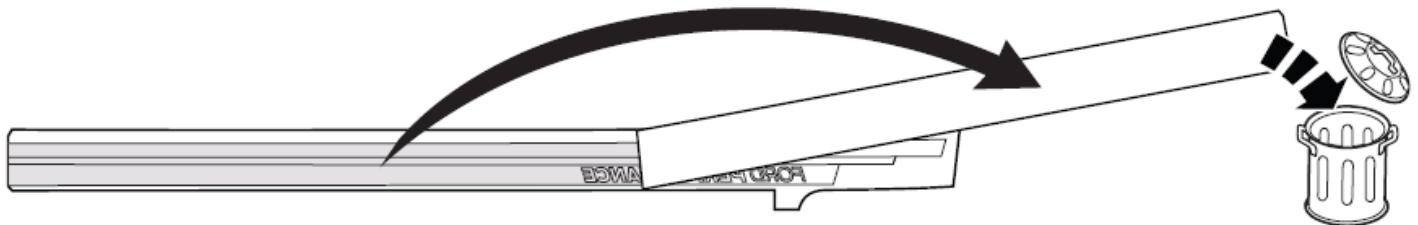
FOR 5.5 FOOT BOX
PARA CAJA DE 5,5 PIES
POUR BOITE 5.5 PIEDS



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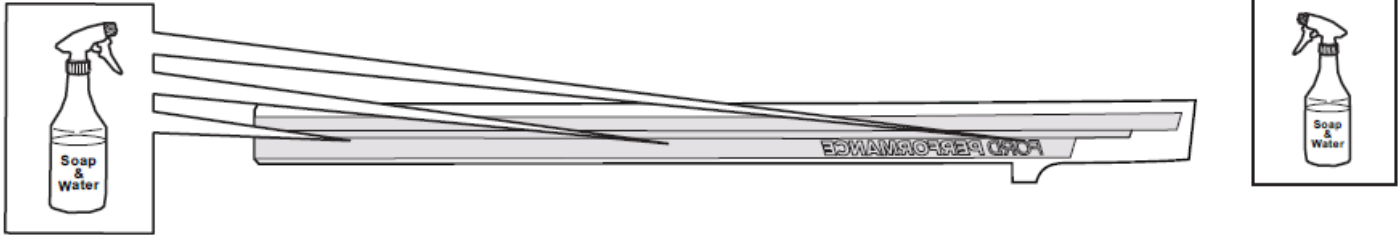


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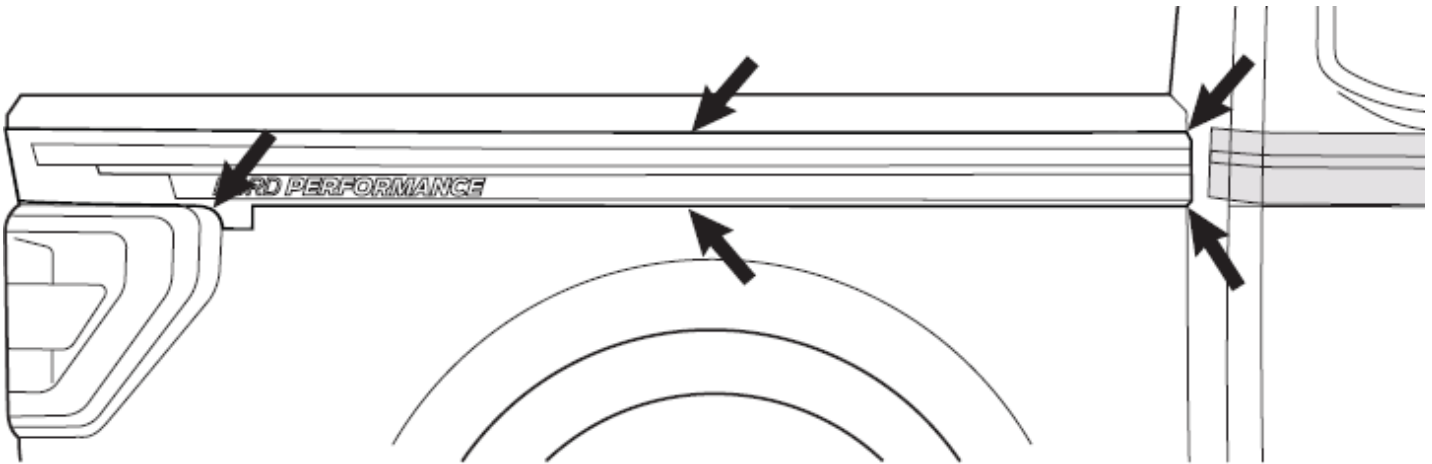
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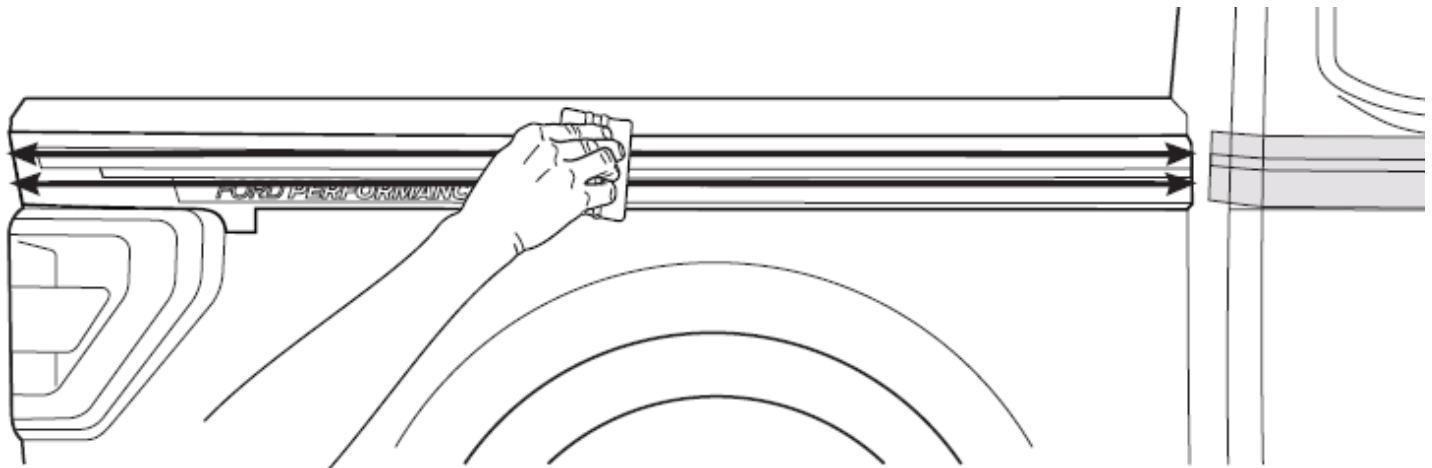
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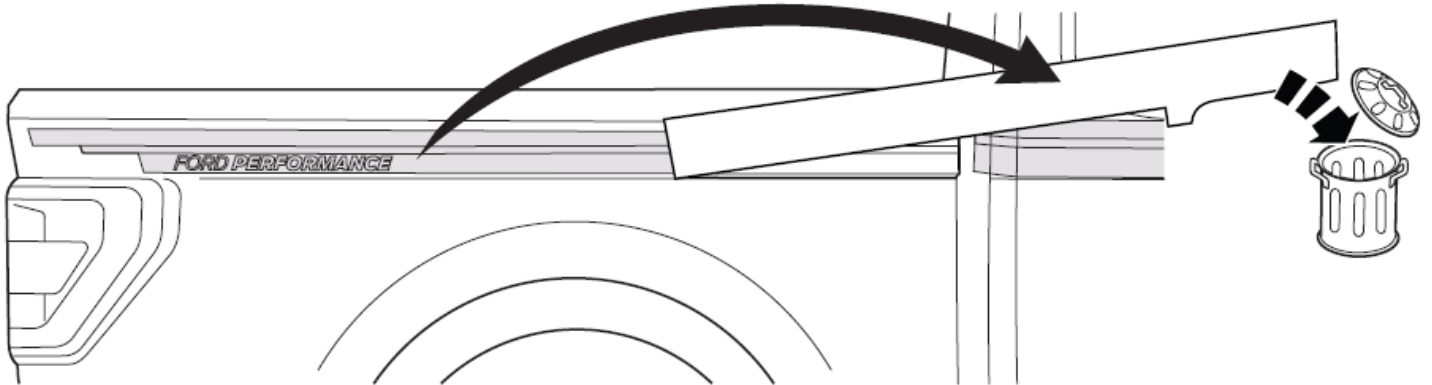


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FP700 Package

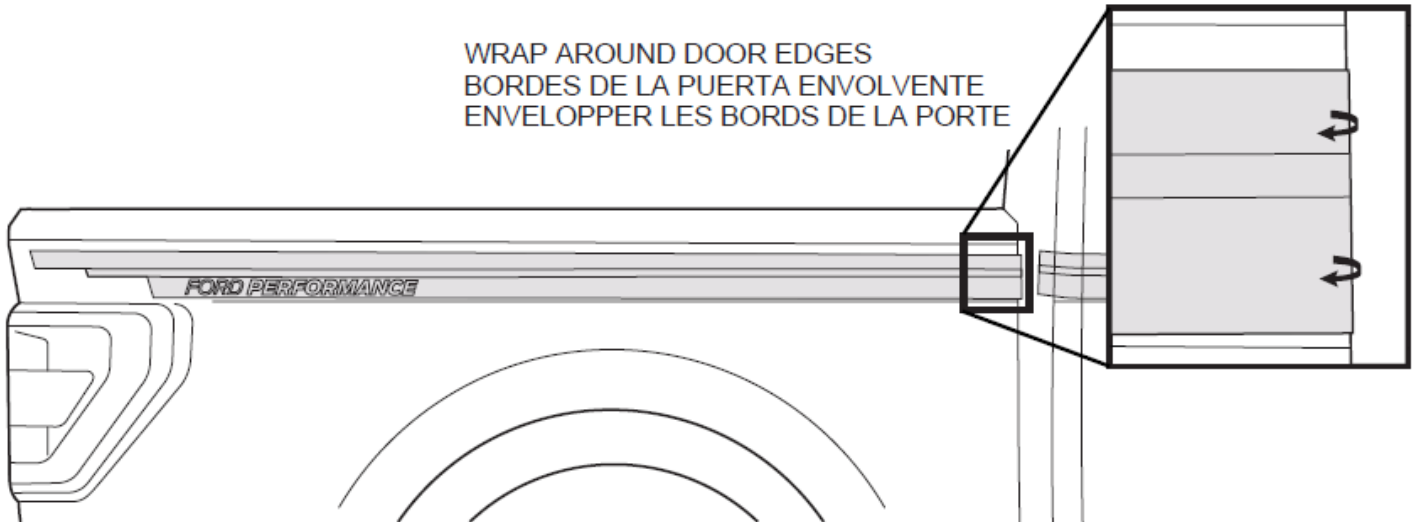
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WRAP AROUND DOOR EDGES
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5. Rocker Panel Aero Delete - Special Tool(s) / General Equipment



5.1 Remove the 3 bolts.
Right side shown, Left side similar.



5.2 Pop out the retainer clips and remove the rocker panel aero piece.

Installation

5.3 To install, reverse the removal procedure.

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6. 5.0L Supercharger

Follow instruction sheet for kit **M-6066-F150SCA**.

https://performanceparts.ford.com/download/instructionsheets/IS_M-6066-F150SCA_62822.PDF

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7. Rear Lowering Kit

WARNING

MODIFYING AN ORIGINAL EQUIPPED VEHICLE WILL RESULT IN A VEHICLE HANDLING DIFFERENTLY. ALL TYPES OF SUSPENSION MODIFICATIONS WILL AFFECT REACTION, RIDE, HANDLING AND WEAR AND TEAR RATE OF A VEHICLE AND ITS COMPONENTS. ABRUPT MANEUVERS, SHARP AND SUDDEN TURNS AND WEATHER CONDITIONS WILL INCREASE THE VEHICLE'S SUSCEPTIBILITY FOR LOSS OF CONTROL. DEATH AND SERIOUS INJURY COULD BE THE RESULT IF YOU FAIL TO OPERATE A MODIFIED VEHICLE SAFELY. KNOW AND FOLLOW THE LAWS OF THE STATES.

READ INSTRUCTIONS COMPLETELY THROUGH BEFORE STARTING.

FAILURE TO ADHERE TO THE INSTRUCTIONS WILL VOID ANY GROUND FORCE WARRANTY
IT IS RECOMMENDED THAT INSTALLATION BE DONE BY A QUALIFIED MECHANIC.

REPLACE ALL STOCK PARTS THAT ARE DAMAGED OR WORN.

INTERMIXING OF PARTS IS NOT RECOMMENDED AND WILL VOID THE WARRANTY.

ALWAYS WEAR EYE PROTECTION.

ALWAYS USE PROPERLY RATED SAFETY STANDS WHENEVER A PROCEDURE REQUIRES
YOU TO BE UNDER A VEHICLE. KNOW AND FOLLOW ALL SAFE WORK PRACTICES TO AVOID
SERIOUS INJURY OR DEATH.

CHECK TO SEE THAT ALL PARTS LISTED ARE INCLUDED.

- 1-INSTRUCTION SHEET
- 1-GROUND FORCE WARNING DECAL
- 2-SHACKLES
- 4-URETHANE SHACKLE BUSHINGS
- 2-SHACKLE SLEEVES
- 2-GREASE FITTINGS

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NOTE: AMOUNT OF DROP APPROXIMATE DUE TO FACTORY OPTIONS.

MEASURE AND DOCUMENT THE VEHICLE HEIGHT FROM FLOOR TO FENDER LIP.

LF _____ RF _____ LR _____ RR _____

1. BEFORE GETTING UNDER VEHICLE, JACK UP THE REAR OF THE VEHICLE AND PLACE JACK STANDS UNDER THE FRAME RAILS. LOWER THE VEHICLE ONTO THE JACK STANDS AND MAKE SURE THE STANDS ARE SECURELY HOLDING THE VEHICLE. SUPPORT THE REAR AXLE WITH A FLOOR JACK AND SMALL JACK STANDS.

2. REMOVE THE REAR TIRE WHEEL ASSEMBLY.

WARNING: THE LEAF SPRINGS ARE UNDER PRESSURE. EXTREME CARE MUST BE TAKEN WHEN WORKING WITH THE SPRINGS TO AVOID INJURY.

3. MAKE SURE THE REAR AXLE IS SUPPORTED.

4. REMOVE THE STOCK REAR SHOCKS FROM THE LOWER MOUNTS, SAVE HARDWARE.

WARNING: THE LEAF SPRINGS ARE UNDER PRESSURE. EXTREME CARE MUST BE TAKEN WHEN REMOVING AND INSTALLING THE SHACKLES TO AVOID INJURY.

5. REAR SHACKLE REMOVAL. MAKE SURE THE JACK STANDS ARE SECURE UNDER THE VEHICLES FRAME.

A. NOTE THE STOCK SHACKLE HARDWARE LOCATION AND DIRECTION OF THE BOLT HEADS.

B. LOOSEN THE LOWER SHACKLE TO FRAME BOLT.

C. LOOSEN THE UPPER SHACKLE TO SPRING EYE BOLT.

D. APPLY A 6.00 INCH PC OF TAPE TO THE BACK SIDE OF THE BED CROSSMEMBER ABOVE THE STOCK SHACKLE AS SHOW BELOW. THIS WILL HELP PROTECT THE COATING ON THE CROSSMEMBER WHILE REMOVING AND INSTALLING THE SPRING SHACKLE.

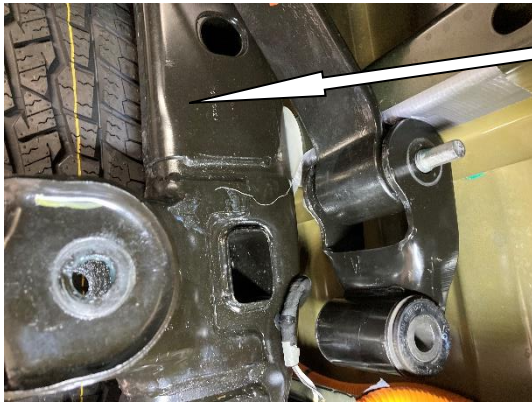


**PROTECTIVE TAPE
APPLIED ON THE
REAR OF THE
CROSSMEMBER
ABOVE THE SPRING
SHACKLE**

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E. WITH THE REAR AXLE SUPPORTED REMOVE THE LOWER SHACKLE BOLTS, SAVE ALL HARDWARE AS IT WILL BE REUSED. JACK THE AXLE UP UNTIL THE UPPER SHACKLE BOLTS CAN BE REMOVED OVER THE TOP OF THE FRAME RAIL. THE LEAF SPRING REAR EYE WILL SLIDE UP **BEHIND** THE REAR BED CROSS MEMBER AS SHOWN BELOW. MAKE SURE THE VEHICLE IS SECURE ON THE STANDS AS YOU WILL HAVE TO PUT SOME PRESSURE ON THE JACK TO GET THE SHACKLE HIGH ENOUGH TO BE ABLE TO SLIDE THE FACTORY SHACKLE BOLTS OUT OVER THE FRAME RAIL, ROTATE THE BOTTOM OF THE SHACKLE UP TOWARD THE REAR OF VEHICLE AS SHOW BELOW AND REMOVE THE UPPER SHACKLE BOLT AND REMOVE THE FACTORY SHACKLE FROM THE VEHICLE.

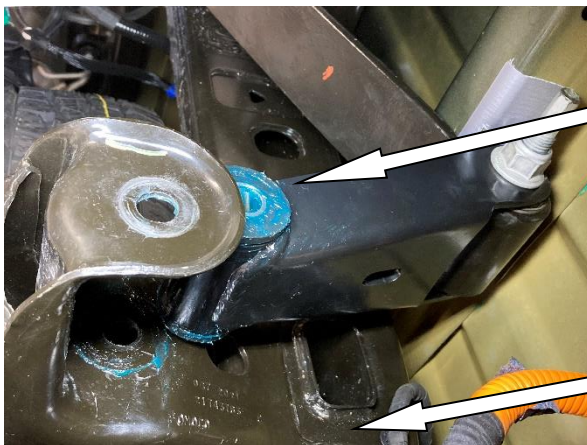


UPPER SHACKLE BOLT BEING REMOVED OVER THE TOP OF THE FRAME

E. REPEAT TO OTHER SIDE OF VEHICLE.

6. **GREASE** THE NEW SHACKLE BUSHINGS (INSIDE, OUT AND THE FACE OF THE BUSHINGS). **GREASE** THE STEEL SLEEVES AND THE INSIDE OF THE LOWER SHACKLE TUBES. INSTALL THE **GREASED** SHACKLE BUSHINGS AND SLEEVES INTO THE **GREASED** LOWER SHACKLE TUBES (HIGH TEMP WHEEL BEARING GREASE WORKS FINE). **NOTE:** IF YOU DO NOT GREASE THESE POINTS **BEFORE** THE SHACKLE IS ASSEMBLED THE BUSHINGS WILL SQUEAK.

7. DROP SHACKLE INSTALLATION.



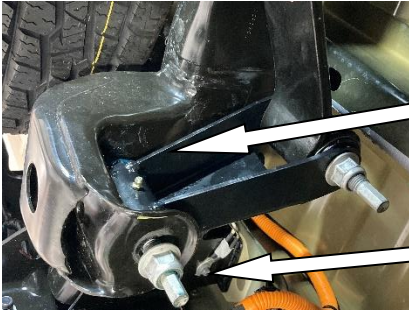
NEW REAR SHACKLE BEING INSTALLED.

GREASE THE BUSHINGS AND FRAME TO BUSHING AREA.

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- A. INSTALL THE NEW DROP SHACKLE OVER THE REAR LEAF SPRING EYE WITH THE **OPEN** END OF THE SHACKLE TOWARD THE FRONT.



**OPEN SIDE OF
 NEW SHACKLE
 TOWARD THE
 FRONT OF
 VEHICLE**

GREASE FITTING

- B. INSTALL THE STOCK UPPER BOLT (WITH THE HEAD INBOARD) THROUGH THE NEW SHACKLE AND THE STOCK LEAF SPRING, INSTALL THE STOCK NUT AND JUST SNUG AT THIS TIME.
- C. REPEAT TO THE OTHER SIDE.
8. LOWER THE REAR AXLE SLIGHTLY AND LINE UP BOTH LOWER SHACKLE TO FRAME BOLT HOLES.
- A. INSTALL THE STOCK LOWER SHACKLE BOLT (WITH THE HEAD INBOARD) THROUGH THE FRAME AND SHACKLE.
- B. INSTALL THE STOCK LOWER SHACKLE NUT AND JUST SNUG AT THIS TIME.
- C. REPEAT TO THE OTHER SIDE OF VEHICLE.
9. WITH THE JACK STANDS SECURE UNDER THE VEHICLES FRAME, JACK THE REAR AXLE UP TO RIDE HEIGHT AND TORQUE THE SHACKLE HARDWARE TO SPEC.
10. REINSTALL THE FACTORY SHOCKS IN THE LOWER MOUNTS, INSTALL THE FACTORY HARDWARE AND TORQUE TO SPEC.
11. REINSTALL THE REAR TIRE AND WHEEL ASSEMBLY. TORQUE THE LUG NUTS TO SPEC. CHECK THE CLEARANCE BETWEEN THE REAR AXLE AND ALL REAR COMPONENTS. ADJUST IF NECESSARY.
12. JACK UP THE REAR OF VEHICLE REMOVE SAFETY STANDS AND LOWER VEHICLE.
13. GO BACK AND CHECK THAT ALL INSTALLATION STEPS HAVE BEEN COMPLETED. CHECK THE TORQUE OF ALL NUTS AND BOLTS AFFECTED BY THIS PROCEDURE. RECHECK ALL NUTS AND BOLTS FOR TIGHTNESS AFTER THE FIRST 300 MILES AND AT EVERY ROUTINE SERVICE INSPECTION.
14. MAKE SURE TO INSTALL THE SUPPLIED WARNING DECAL FOLLOWING THE INSTRUCTIONS INCLUDED WITH THE WARNING INFORMATION SHEET.
15. MAKE SURE TO KEEP THESE INSTRUCTIONS WITH THE VEHICLE.

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16. READJUST THE HEADLIGHTS TO THE PROPER SETTINGS.

17. ROAD TEST THE VEHICLE.



**MAKE SURE TO
GREASE BOTH
SHACKLES DURING
EVERY SERVICE
SCHEDULE.**

**WARNING: AGAIN CHECK TIRE AND WHEEL CLEARANCE BEFORE MOVING VEHICLE.
ALSO CHECK CLEARANCE IF INSTALLING NEW TIRES AND/OR WHEELS.**

**NOTE: INSTALLATION OF WHEELS WITH BACKSPACING OTHER THAN STOCK
MAY CHANGE THE VEHICLE HEIGHT AND ALSO EFFECT THE FRONT END
ALIGNMENT.**