



FORD PERFORMANCE

**M-15200K-FSFL
2018-2020 F-150 and 2017-2019 Super Duty
F-series® Bumper Mounted LED Fog Lights**

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**PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPLETELY
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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KIT CONTENTS

- (2) D-Series Pro ®
- (2) Fog Lamp Mount (housing mount)
 - (4) allen bolt
 - (4) nut
 - (2) carriage bolt
 - (4) washer
 - (4) nut
- (2) Mounting bracket (vehicle mount)
 - (4) carriage bolt
 - (8) washer
 - (4) nut
- (2) Wiring harness Adaptor
- (2) Ford Performance branded Lens Cover



Notes: This kit is re-using the Factory Lamp Bezel (housing), please be cautious to avoid extra repair caused by disassembly. **During Step 5 CAUTION the TABS easily break - use a hairdryer to warm tabs for extra flex of the plastics.**

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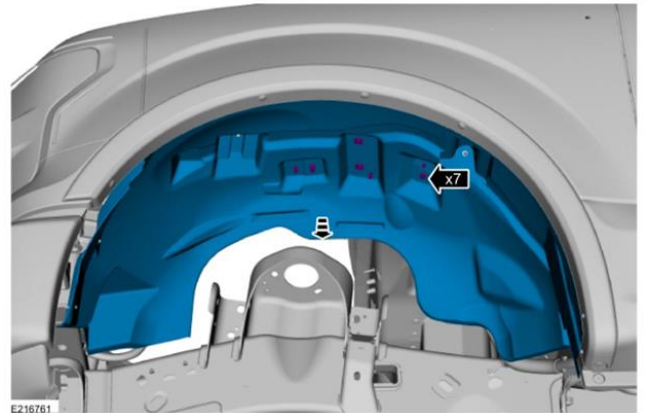
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Disconnect the (-) Negative Battery Terminal connection to the vehicle.

Factory Fog Removal

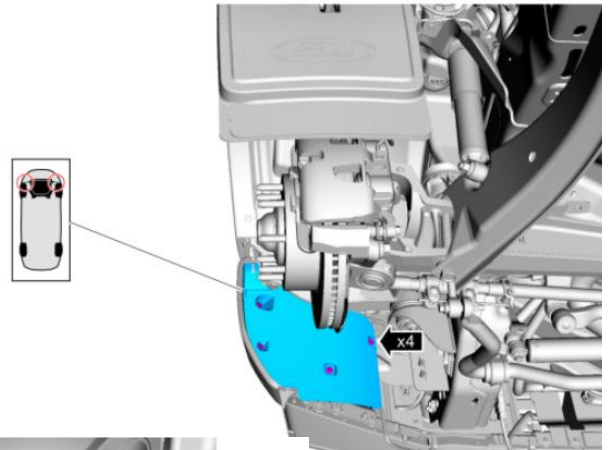
STEP 1 F150

See [Remove the Inner Fender Splash Shield](#) to access the Fog Lamp. Splash Shield removal avoids Cruise Control calibration if access were gained by bumper removal on equipped vehicles.

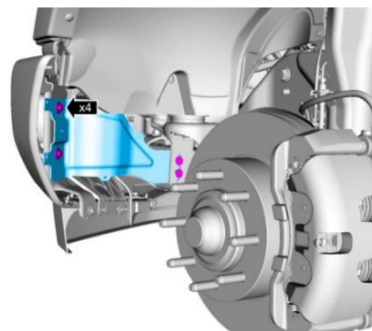


STEP 1 Super Duty

A) Remove the screws and the front fender filler panel.
Torque: 15 lb.in (1.7 Nm)



B) Remove the bolts and the bumper extension.
Torque: 35 lb.ft (47.6 Nm)



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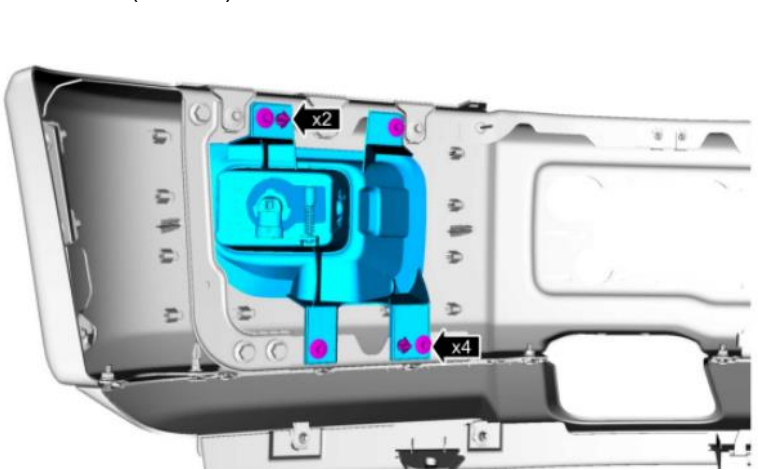
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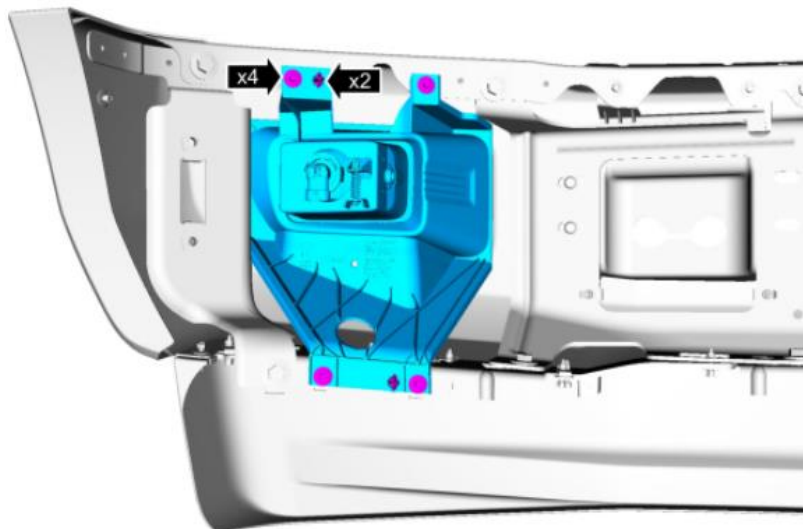
STEP 2 F150

Remove the fog lamp bolts, release the push pins and remove the fog lamp assembly.
Torque:48 lb.in (5.4 Nm)



STEP 2 Super Duty

Remove the bolts, release the tabs and remove the fog lamp assembly.
Torque:48 lb.in (5.4 Nm)

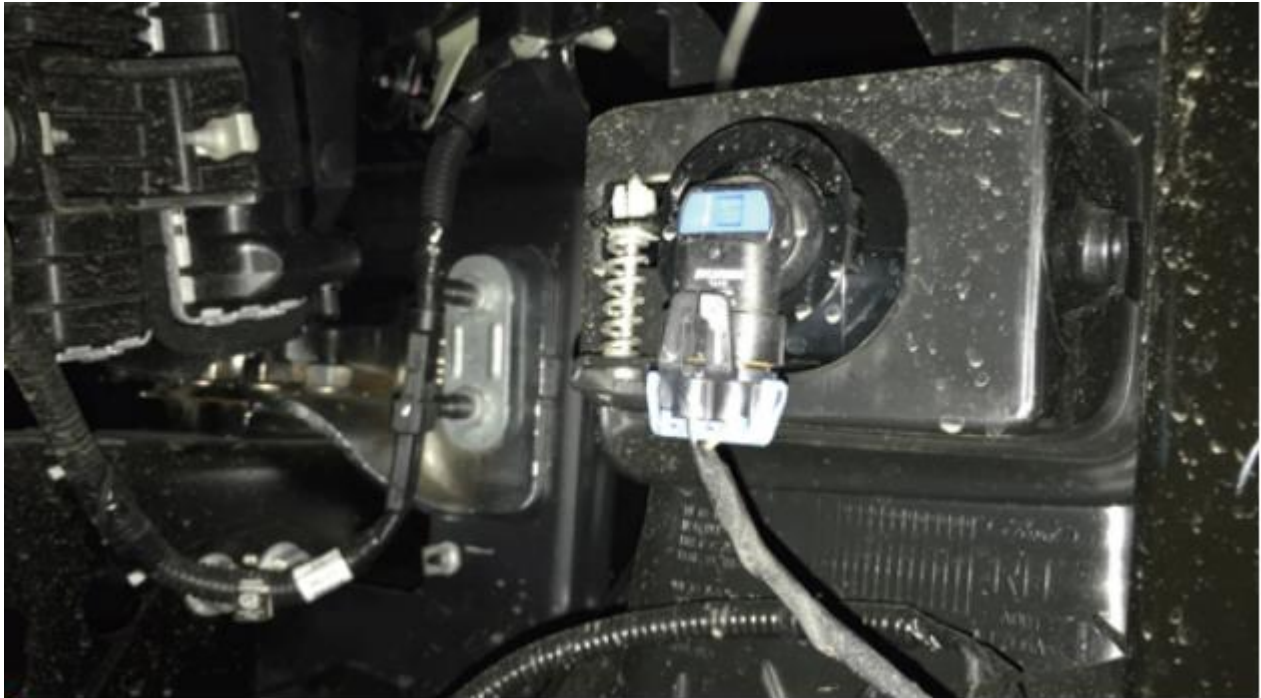


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STEP 3

Unplug the harness from the factory fog light.



STEP 4

Using a stubby phillip screw driver, remove the adjustment screw and spring from the factory fog light.



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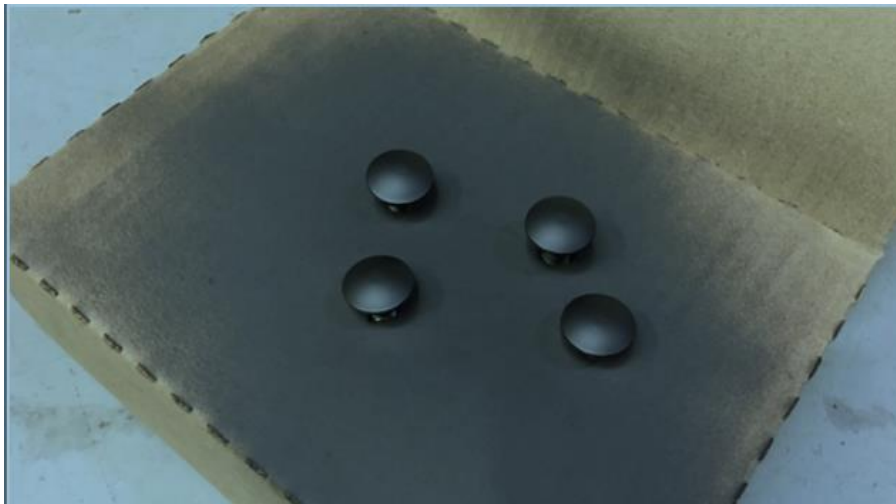
STEP 5

Using a pick tool, lift tab up on each side of the factory fog light and push the fog light out towards the front of the truck to remove. **CAUTION the TABS easily break - use a hairdryer to warm tabs.**



STEP 6 OPTIONAL STEP

- Paint carriage bolt heads black for a preferred look.



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STEP 7

Install the RIGID D-Series onto the fog lamp mounts as shown by laying them on a flat surface, while pressing down on the lights and mount, tighten the nut from the back side. Install lights onto the brackets.



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STEP 8

Once the light is installed to the bracket, plug the provided wiring harness adaptor into the factory harness.



STEP 9

Tighten light to the bracket

INSTALLATION

install the bracket to the vehicle by reversing the removal steps. Plug wiring adaptor into lamp.



END

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501-02 Front End Body Panels F-150

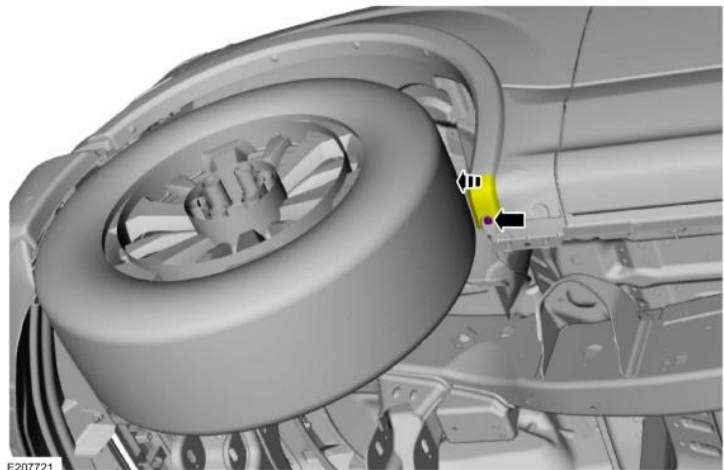
Removal and Installation

Fender Splash Shield

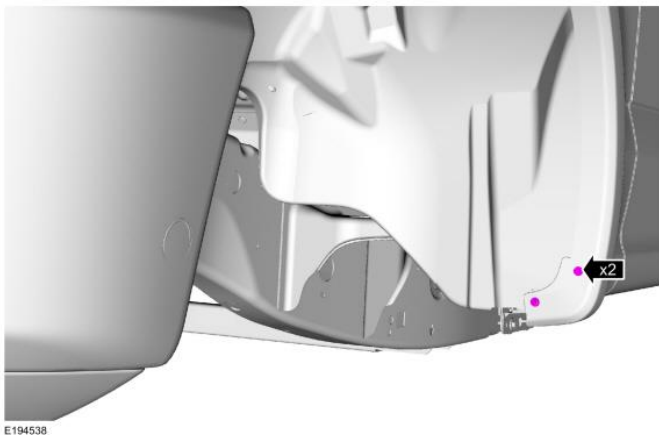
Removal

NOTE: LH side shown, RH side similar.

1. Remove the wheel and tire.
Refer to: Wheel and Tire (204-04A Wheels and Tires, Removal and Installation).
2. If equipped.
Remove the pin-type retainer and position aside the front fender moulding.



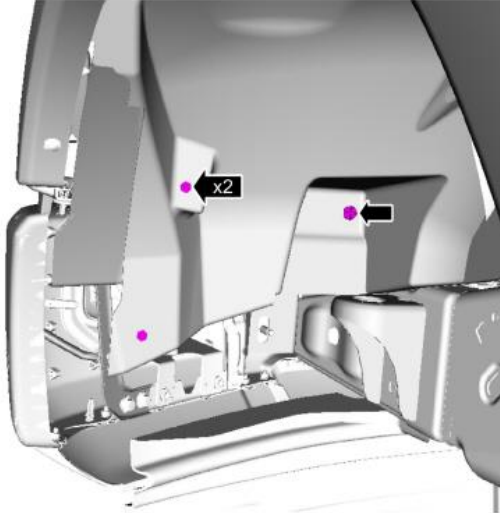
3. Remove the bolts.
Torque: 15 lb.in (1.7 Nm)



4. Remove the bolts and the pin-type retainer.
Torque: 15 lb.in (1.7 Nm)

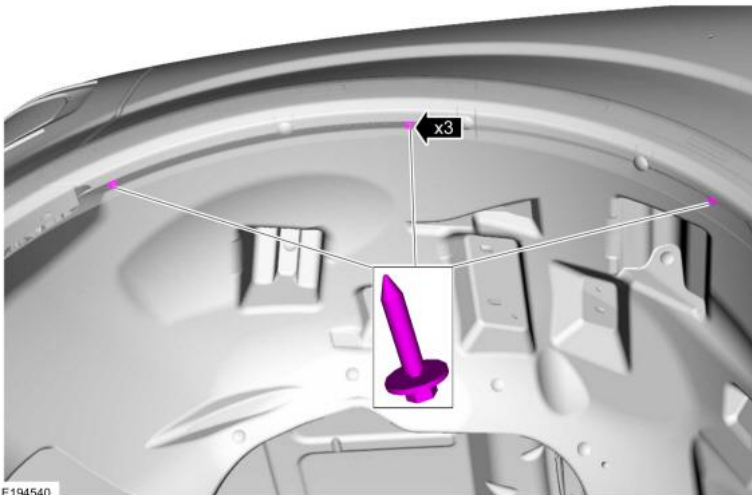
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5. Remove the bolts.
Torque: 15 lb.in (1.7 Nm)

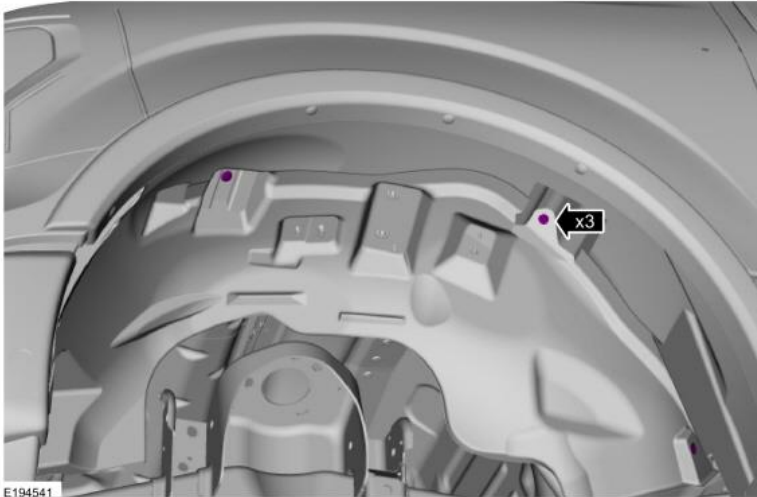


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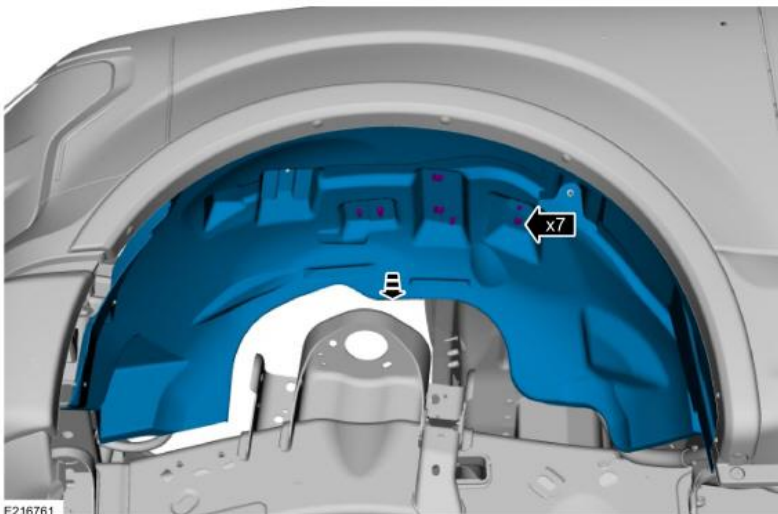
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6. Remove the pin-type retainers.



7. **NOTE:** Pin-type retainers vary based on trim level.

Remove the electrical pin-type retainers and the fender splash shield.



Installation

1. To install, reverse the removal procedure.

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FOG LAMP ADJUSTMENT

Fog lights should be mounted on the lower half of your front end. Somewhere on or below the bumper is ideal.

Fog forms about 2 feet off the ground ideally a fog light is below the fog formation. A fog light mounted or adjusted too high will cause a reflection of lights on the fog, reflected back to the driver.

Ideal mounting is below or under the fog, the mount varies based on vehicle, to best illuminate the road ahead.

Park on a flat surface with the lights shining on a wall 25 feet away. Use a measuring tape.

On the vehicle, measure from the center of the fog light lens to the ground. Visibly mark on the wall at that exact height taken from the vehicle. Note: the optimal level is below the fog formation line.

Adjust the fog lights so they are facing straight forward. The top of the beam is about 4 inches lower than that mark you made on the wall.

