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2017 FORD Fiesta Active OEM Service and Repair Workshop Manual

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Headlamp Adjustment

417-01 Exterior Lighting	2022 F-150
General Procedures	Procedure revision date: 11/4/2020

Headlamp Adjustment

Adjustment

1. NOTE

If the flash video link does not load or is incompatible with your browser, a .wmv version of the video can be accessed at:

http://www.fordservicecontent.com/Ford_Content/videos/FusionHeadlampAdj2.wmv

Click on the link above to view video.

Video version of this procedure:

(https://www.fordservicecontent.com/Ford_Content/videos/WorkShopManual/F1813.mp4)

All headlamp types

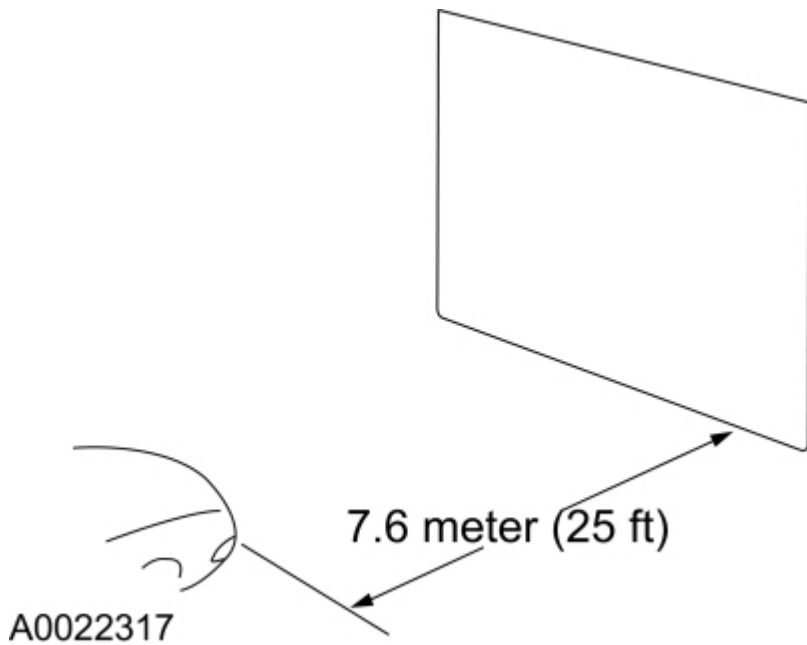
NOTE

Refer to the Owner's Literature for the headlamp adjustment screw location.

NOTE

Consult your state vehicle inspection manual for recommended tolerance ranges for visual aiming.

NOTE

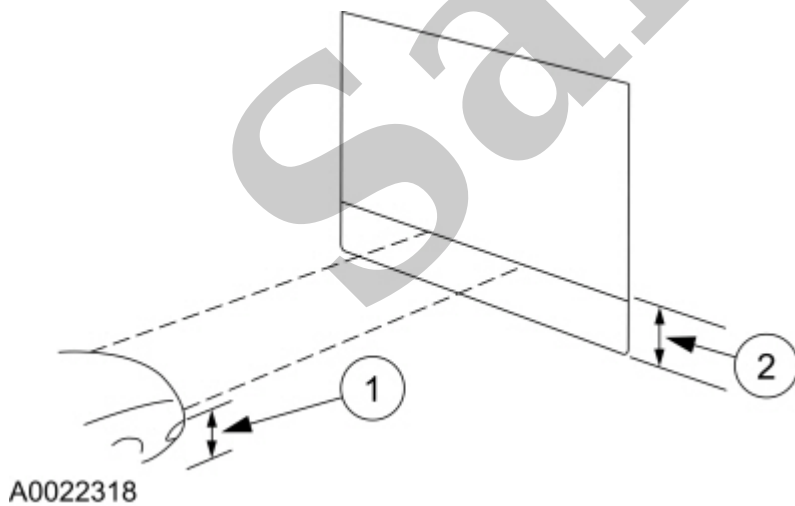


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

5. **NOTE**

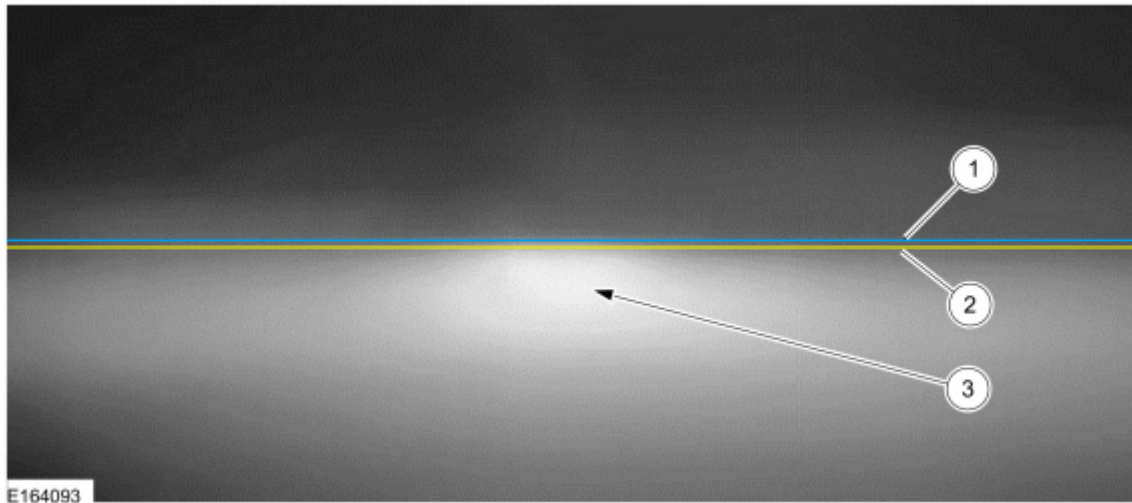
The bulb center of the low beam bulb is sometimes marked on the lens (circle, crosshair or other mark) or is the center of the low beam reflector, bulb shield or the low beam projector inner lens.

Measure the center of the headlamp height to ground and record the measurement.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

6. **NOTE**



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11. **NOTE**

Align one headlamp while covering the other headlamp.

Align the headlamps to the horizontal reference line. Adjust the headlamp as necessary using the headlamp adjusting screw.

12. Repeat the previous step for the remaining headlamp.

VOL-type headlamps

NOTE

Procedure applies to both left and right headlamps with VOL molded on lens.

13. **NOTE**

The appearance of the VOL beam pattern may vary between vehicles.

For VOL-type headlamps, there is a distinct cutoff in the left portion of the beam pattern. The edge of this cutoff should be positioned 5 CM (2 in) below the horizontal reference line.

14. • 1 - Horizontal reference line
- 2 - Cut off
- 3 - High intensity zone



Front Fog Lamp Bulb

<i>417-01 Exterior Lighting</i>	<i>2022 F-150</i>
<i>Removal and Installation</i>	<i>Procedure revision date: 09/25/2020</i>

Front Fog Lamp Bulb

Removal

WARNING

The bulb contains gas under pressure. The bulb may shatter if the glass envelope is scratched or if the bulb is dropped. Handle the bulb only by its base. Avoid touching the glass envelope. Failure to follow these instructions may result in personal injury.

NOTE

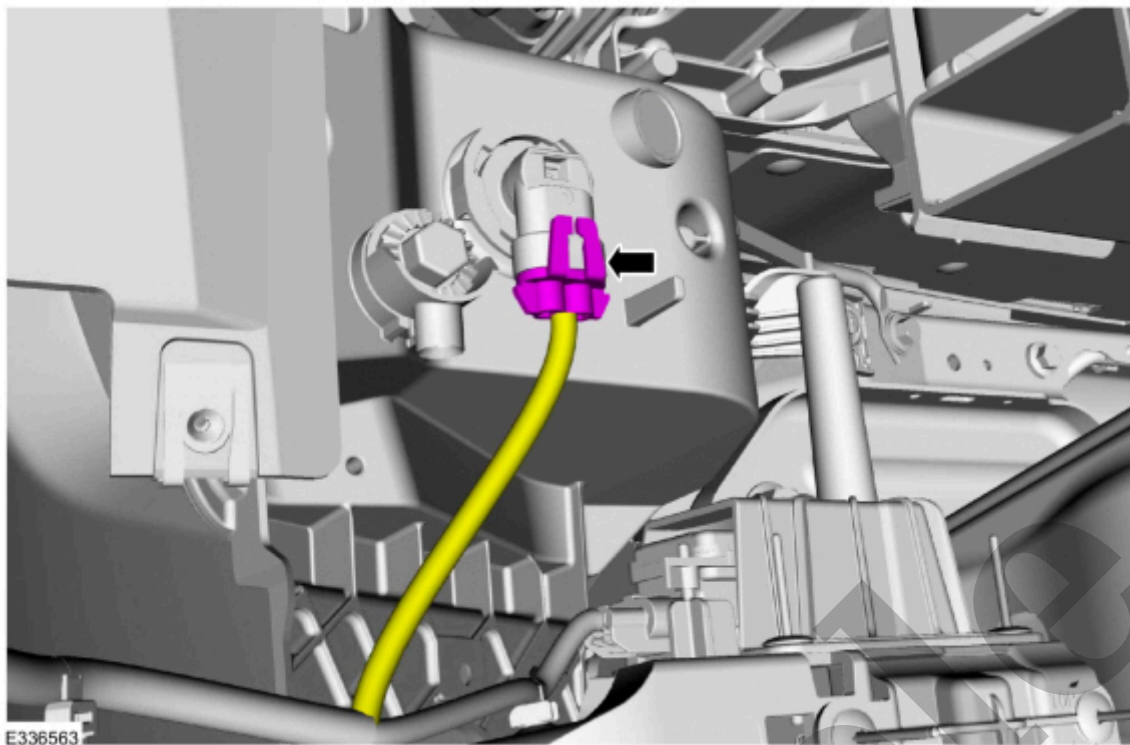
The fog lamp bulb should not be removed from the fog lamp assembly until just before a new bulb is installed. Removing the bulb for an extended period of time may affect fog lamp bulb performance. Contaminants may enter the fog lamp assembly where they can settle on the lens and reflector. Never turn on the fog lamps with the bulb removed from the fog lamp assembly.

NOTE

Make sure the fog lamp switch and ignition switch are in the OFF position.

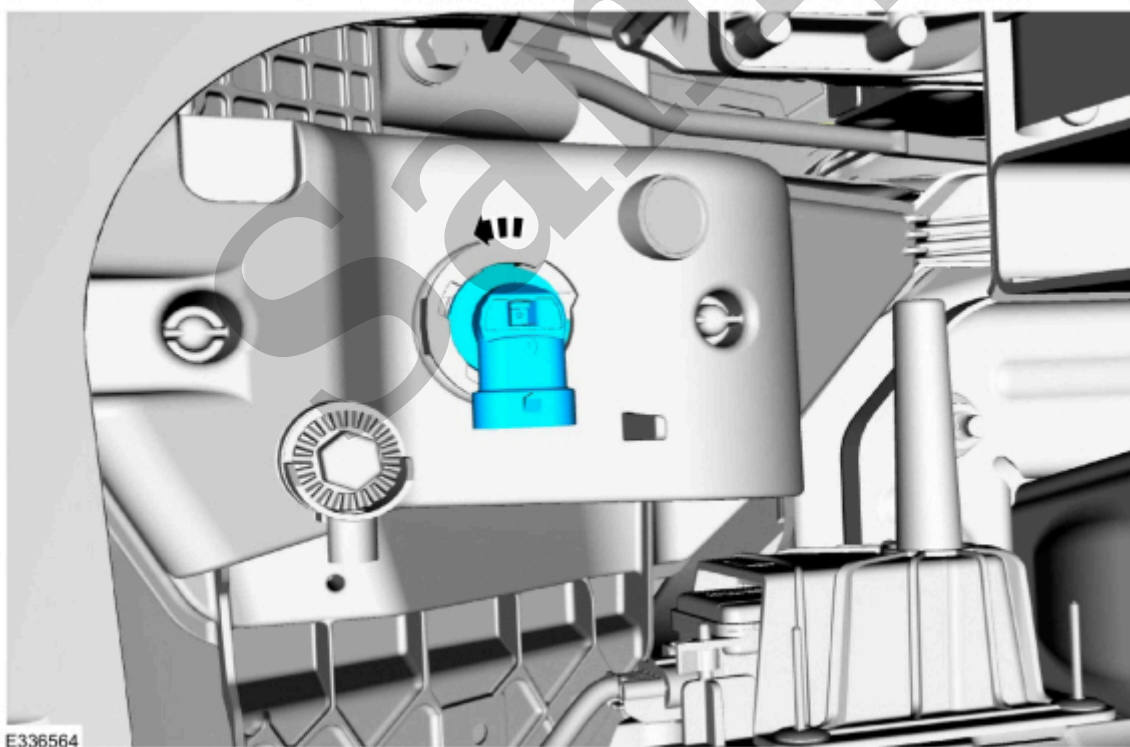
NOTE

Removal steps in this procedure may contain installation details.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

4. Rotate the fog lamp bulb counter clock-wise and remove the bulb.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Installation



Front Fog Lamp

417-01 Exterior Lighting	2022 F-150
Removal and Installation	Procedure revision date: 09/25/2020

Front Fog Lamp

Removal

NOTE

Removal steps in this procedure may contain installation details.

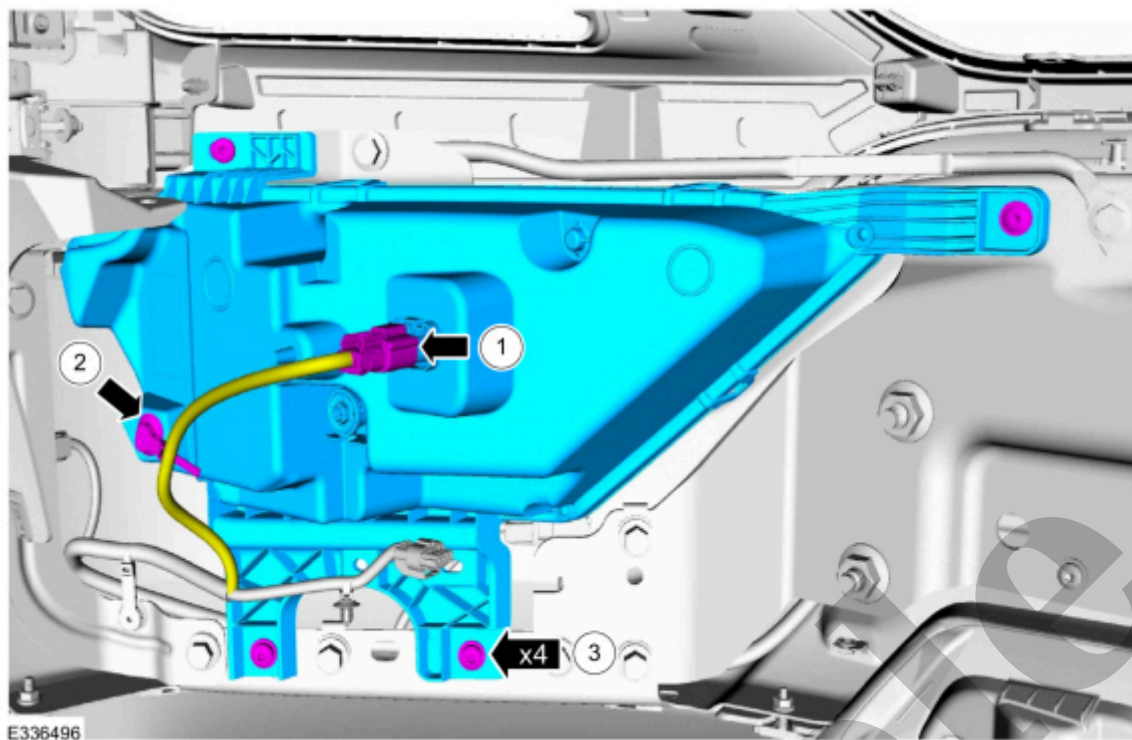
NOTE

LH (left hand) side shown, RH (right hand) similar.

1. Remove the front bumper.

Refer to: [Front Bumper](#)(501-19 Bumpers, Removal and Installation).

2. If equipped, remove the bolts and position back the radar assembly.



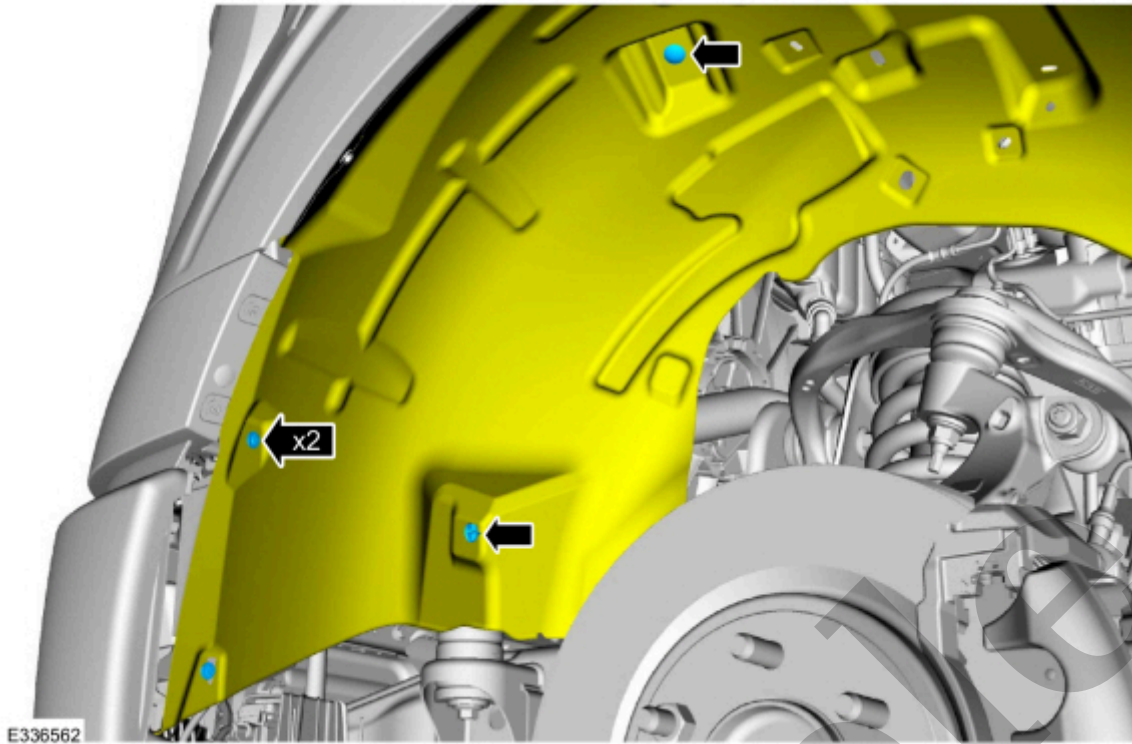
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

Installation

1. To install, reverse the removal procedure.
2. Adjust the fog lamp.

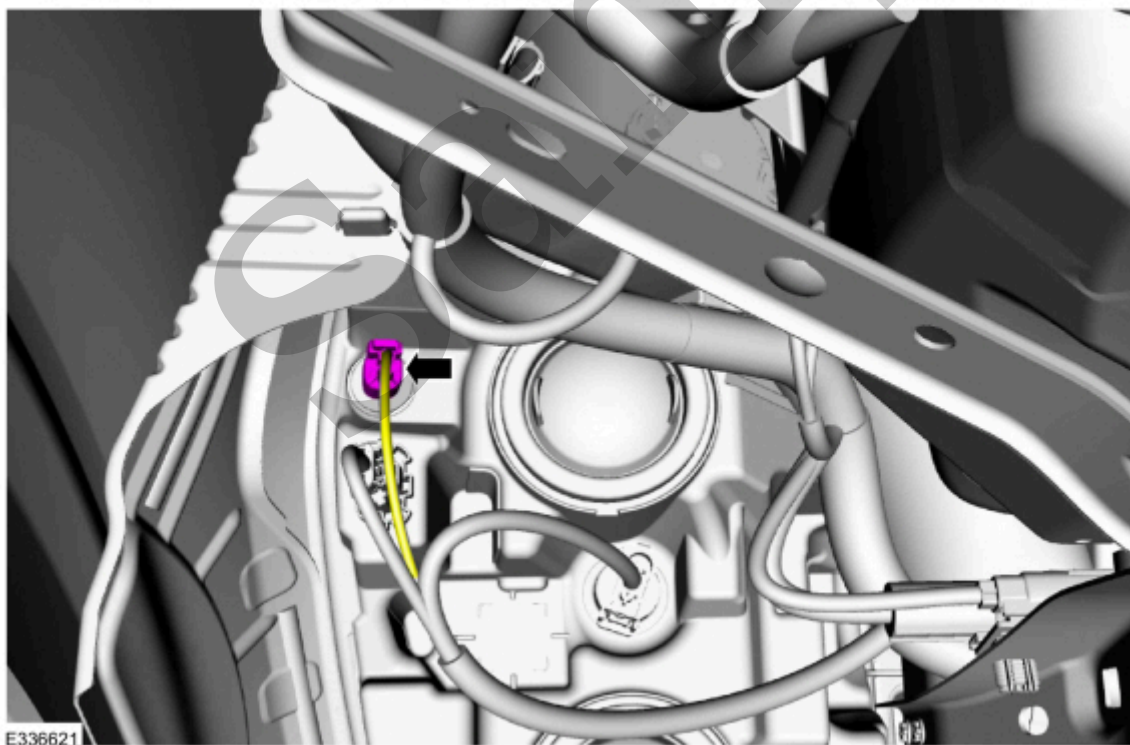
Refer to: [Front Fog Lamp Adjustment](#)(417-01 Exterior Lighting, General Procedures).

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3. Disconnect the front marker lamp electrical connector.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

4. Rotate the front marker lamp bulb socket counter clock-wise and remove.

1. To install, reverse the removal procedure.

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