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1998 FORD Crown Victoria OEM Service and Repair Workshop Manual

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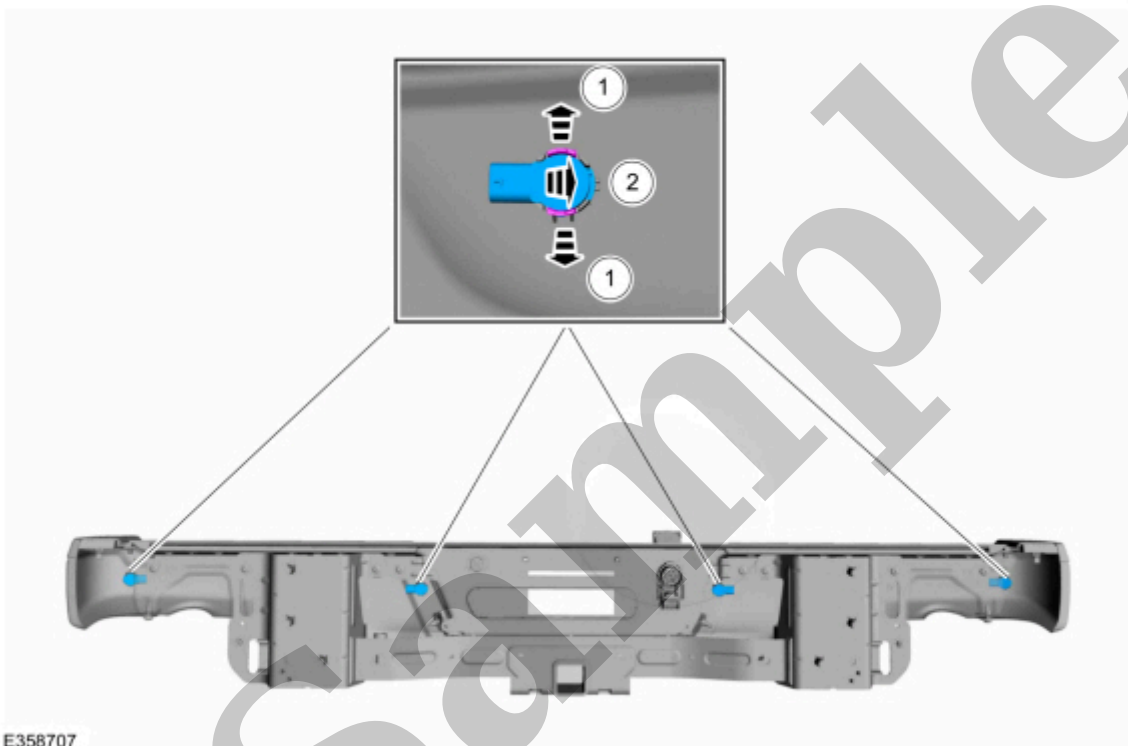
Vehicles With: Rear Parking Aid

5. NOTE

Make sure that the isolator rings are installed correctly while installing the sensors.

Remove the rear parking aid sensors.

1. Release the tabs.
2. Remove the rear parking aid sensors from the bracket.

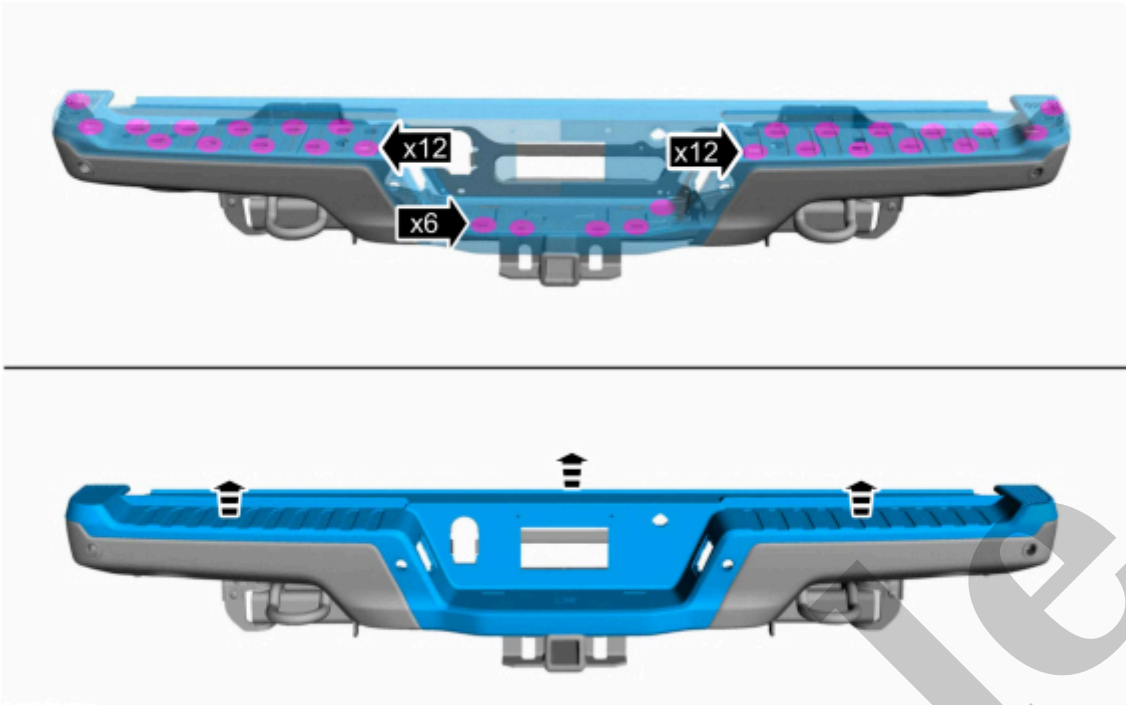


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All vehicles

6. Remove the lock set.

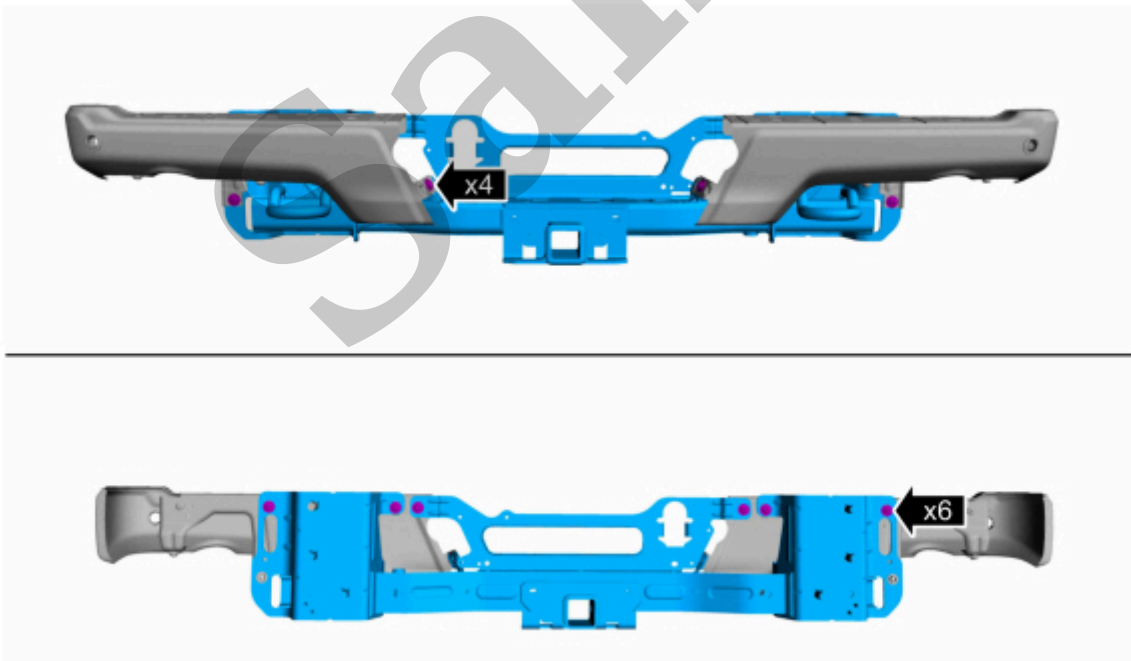


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9. Remove the screws and the trailer hitch assembly.

Torque : 18 lb.ft (25 Nm)



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Rear Bumper

501-19 Bumpers	2022 F-150
Disassembly and Assembly	Procedure revision date: 10/2/2020

Rear Bumper

DISASSEMBLY

NOTE

Disassembly steps in this procedure may contain assembly details.

All vehicles

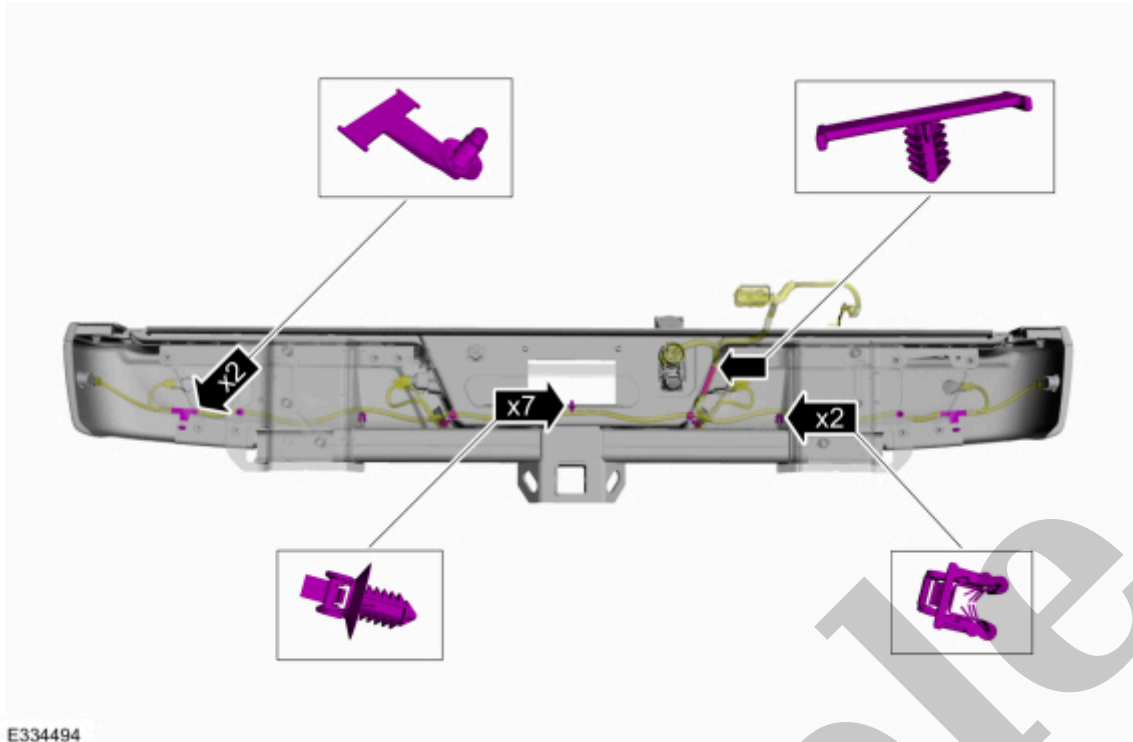
1. Remove the rear bumper.

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

2. **NOTE**

The number and location of electrical connectors will vary depending on option content.

1. Disconnect the trailer brake electrical connector.
2. Disconnect the license plate lamp electrical connectors.
3. Disconnect the rear park aid sensor electrical connectors.
4. Disconnect the rear active park assist sensor electrical connectors.

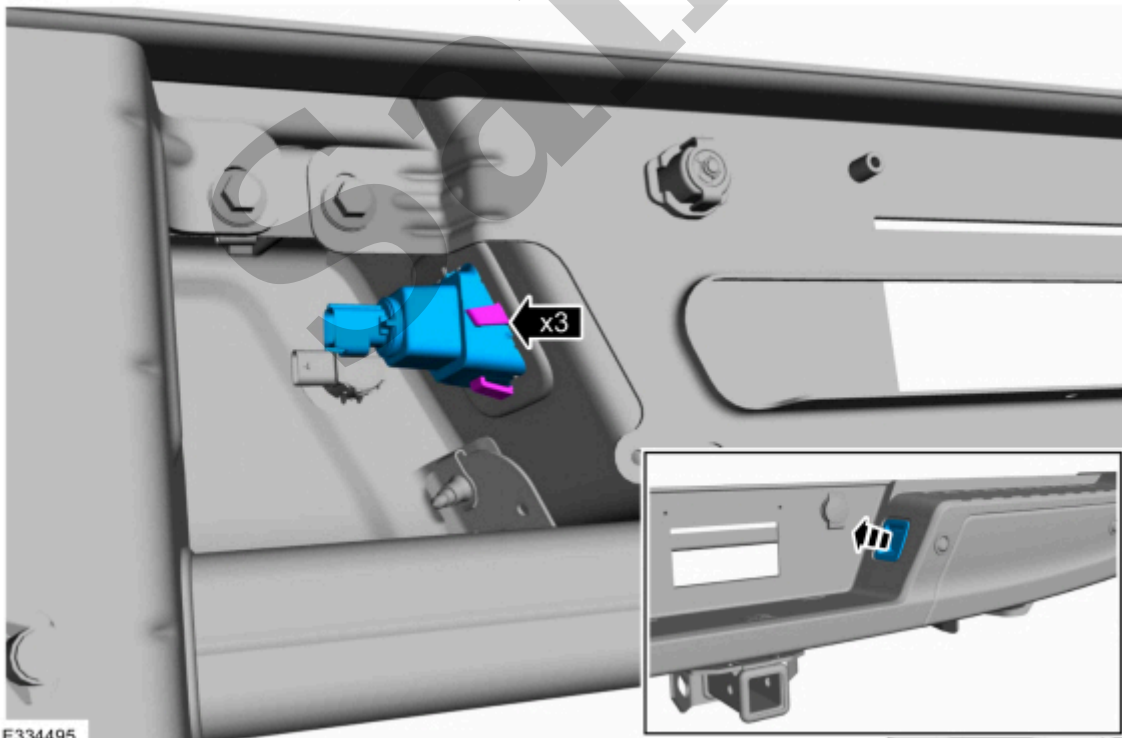


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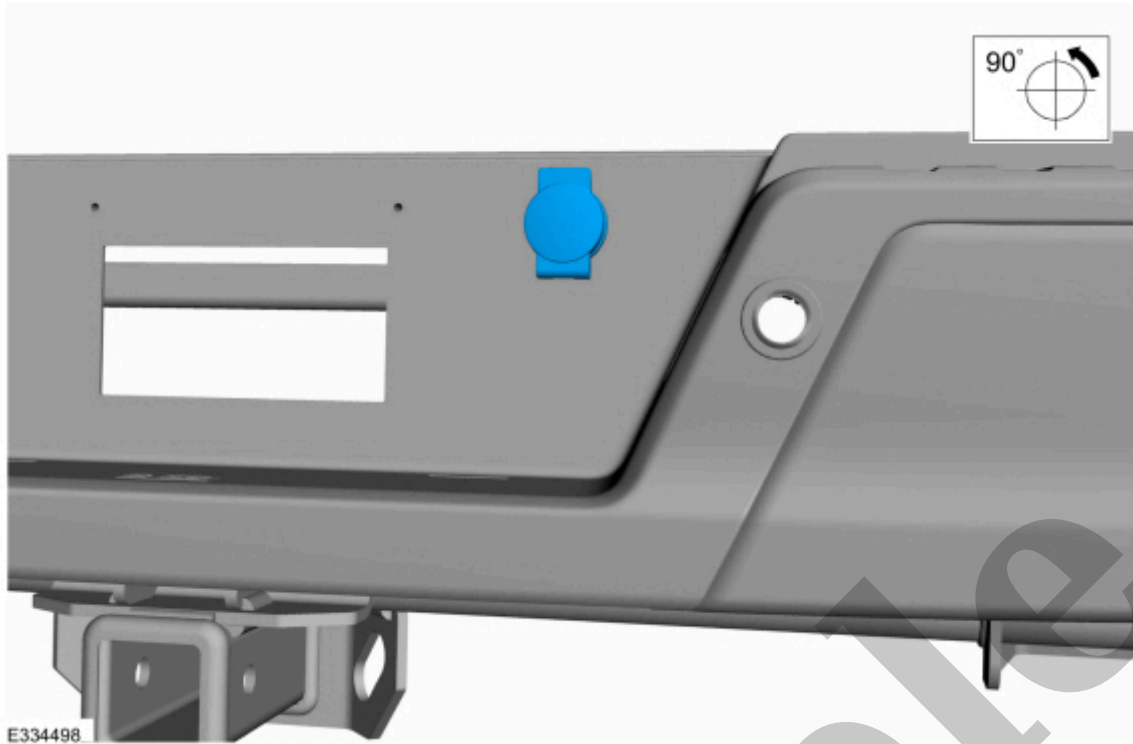
4. On both sides.

Release the tabs and remove the license plate lamp.



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7. If equipped.

Remove the trailer ball access cover.

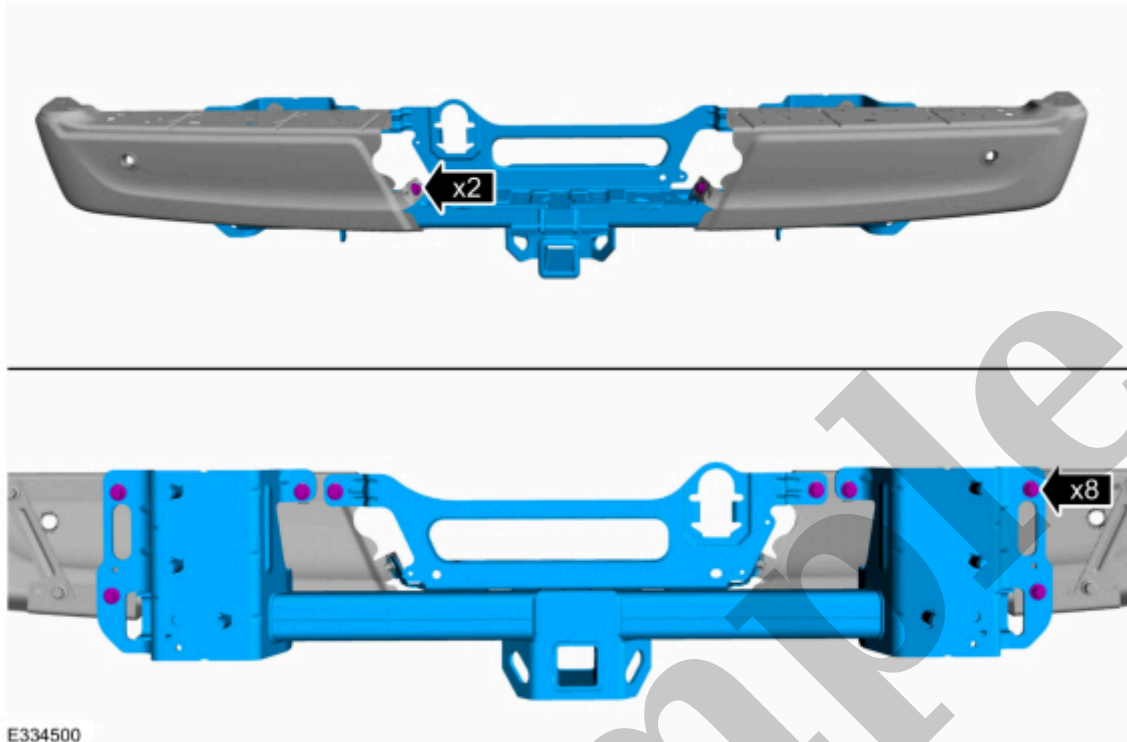


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[Click here to learn about symbols, color coding, and icons used in this manual.](#)

10. Remove the bolts and the trailer hitch assembly.

Torque : 18 lb.ft (25 Nm)

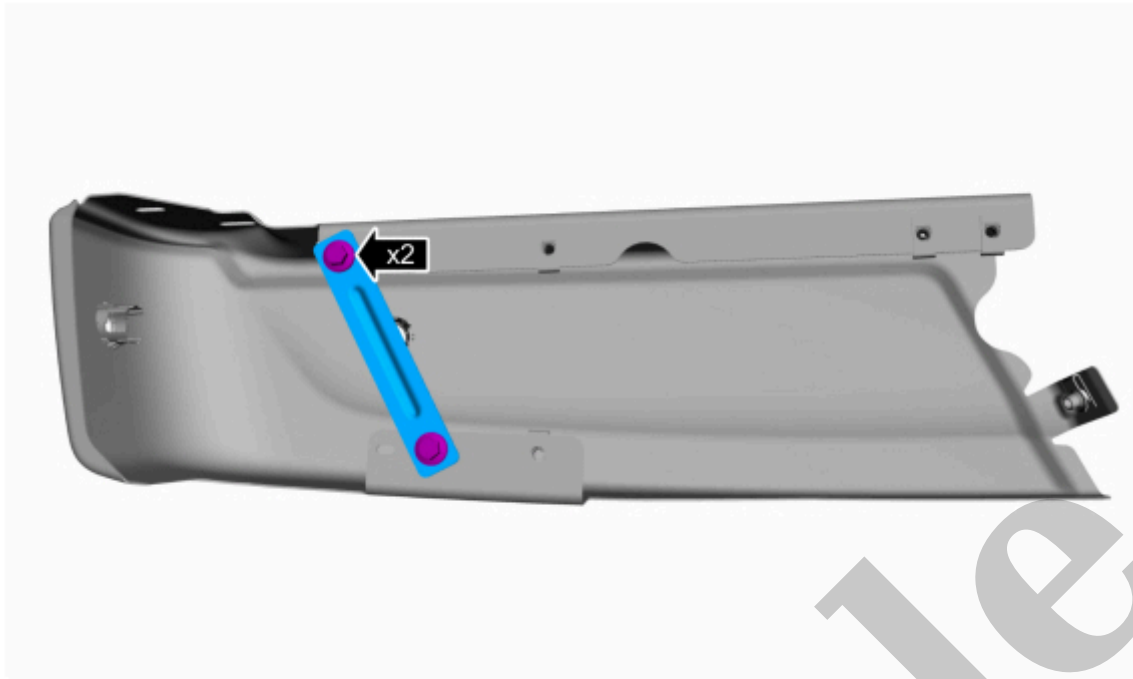


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Vehicles Without: Trailer Tow

11. Remove the bolts and the rear bumper bar.

Torque : 18 lb.ft (25 Nm)



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ASSEMBLY

All vehicles

1. To assemble, reverse the disassembly procedure.

Vehicles With: Active Park Assist/Rear Parking Aid

2. Check the alignment of the rear parking aid and rear active park assist sensors.

Refer to: [Azimuth System Check](#)(413-13A Parking Aid - Vehicles With: Rear Parking Aid, General Procedures).

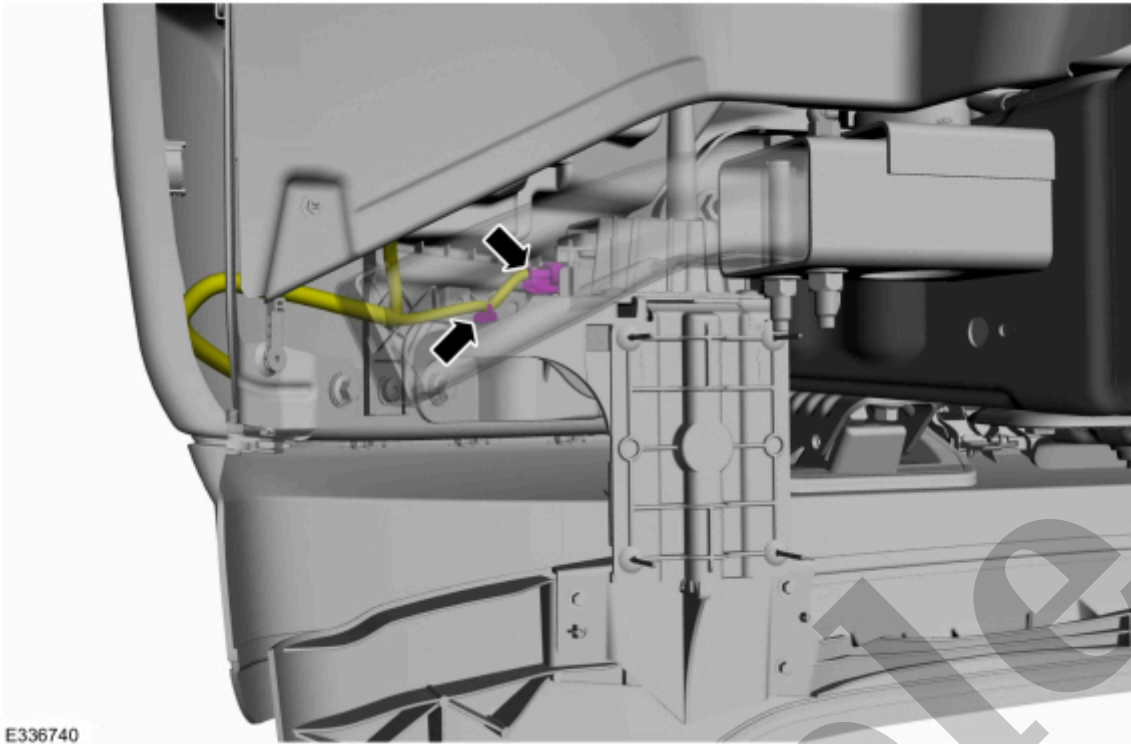
Refer to: [Elevation System Check](#)(413-13A Parking Aid - Vehicles With: Rear Parking Aid, General Procedures).

Refer to: [Azimuth System Check](#)(413-13C Parking Aid - Vehicles With: Active Park Assist, General Procedures).

3. If any sensor fails the check, diagnose the sensor fault.

Refer to: [Parking Aid](#)(413-13A Parking Aid - Vehicles With: Rear Parking Aid, Diagnosis and Testing).

Refer to: [Parking Aid](#)(413-13C Parking Aid - Vehicles With: Active Park Assist, Diagnosis and Testing).

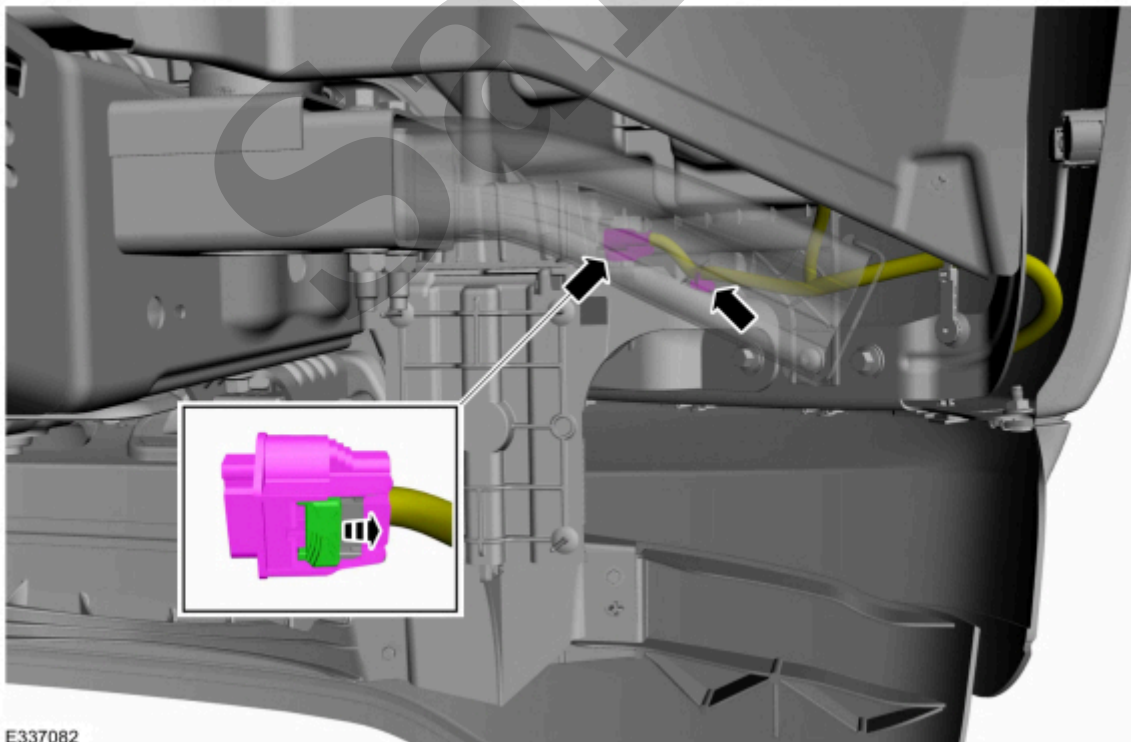


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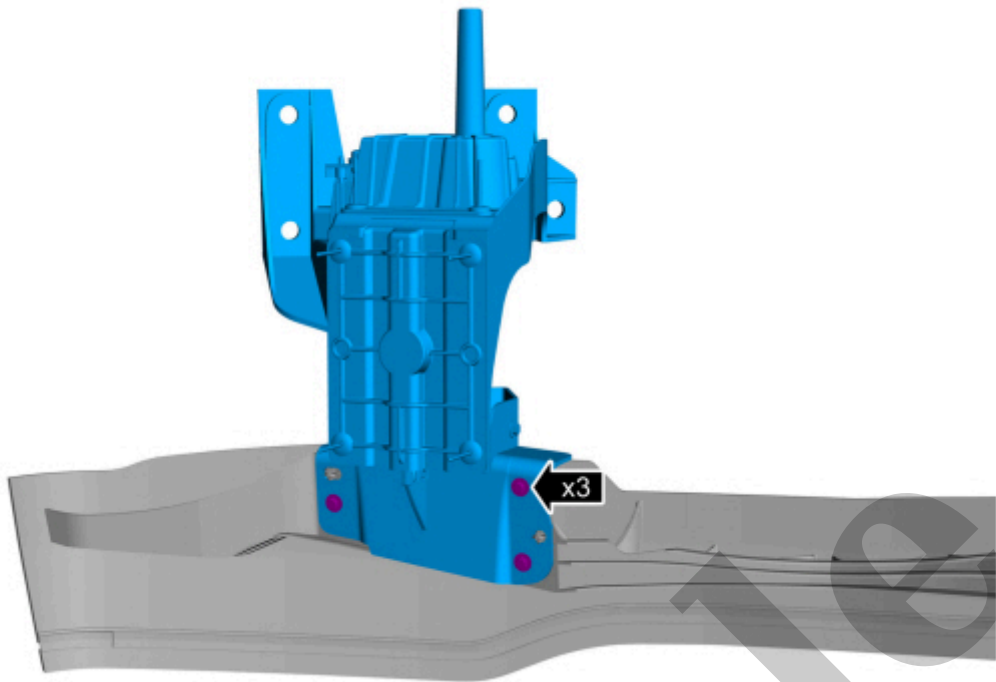
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3. On RH (right-hand) side.

Release the locking tab and disconnect the AAD (active air dam) electrical connector. Detach the retainer and position the wiring harness aside.



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Installation

1. To install, reverse the removal procedure.

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