

PUBLISHED: 14-FEB-2020
2020.0 DEFENDER (LE), 412-01

CLIMATE CONTROL

FRONT CENTER VENT (G2417041)

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REMOVAL

⚠ CAUTION:

Do not use metal tools during this operation, removal of the component(s) must be completed with a plastic trim tool.

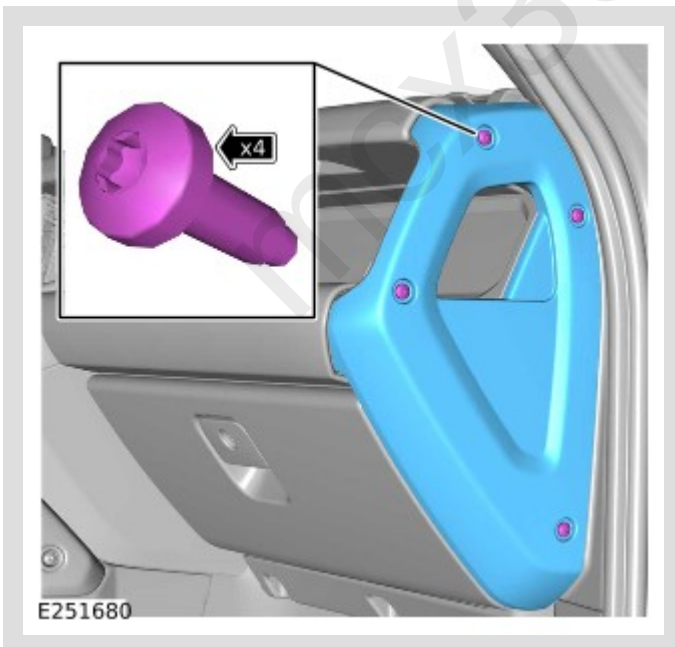
⚠ NOTES:

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1. Disconnect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

- 2.

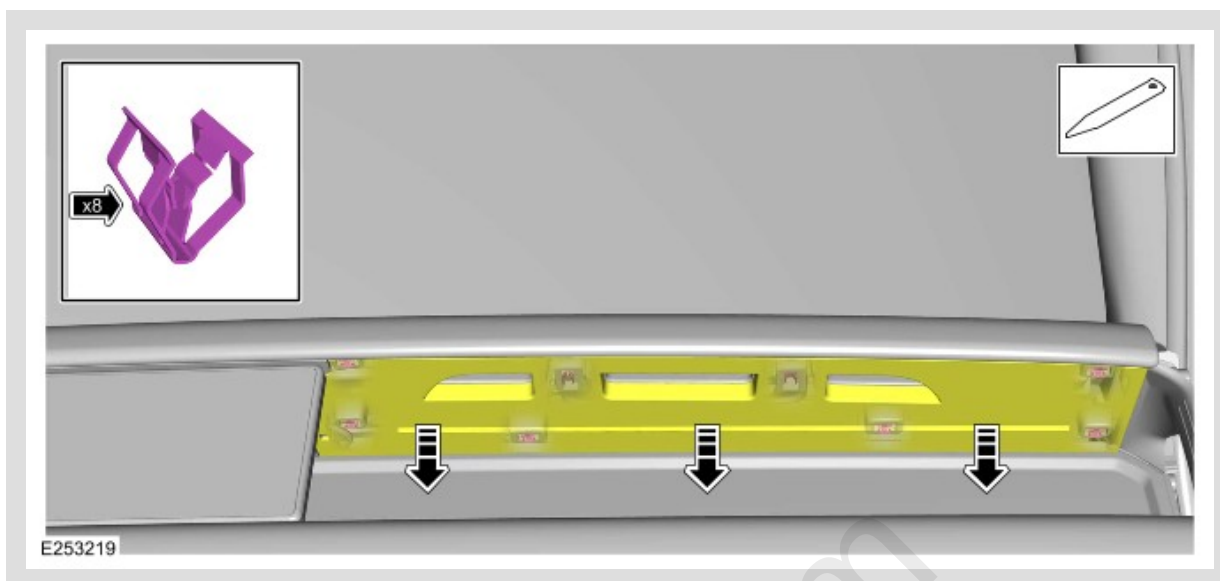


- Remove the 4 bolts.
- Remove the instrument panel passenger side trim.

3.

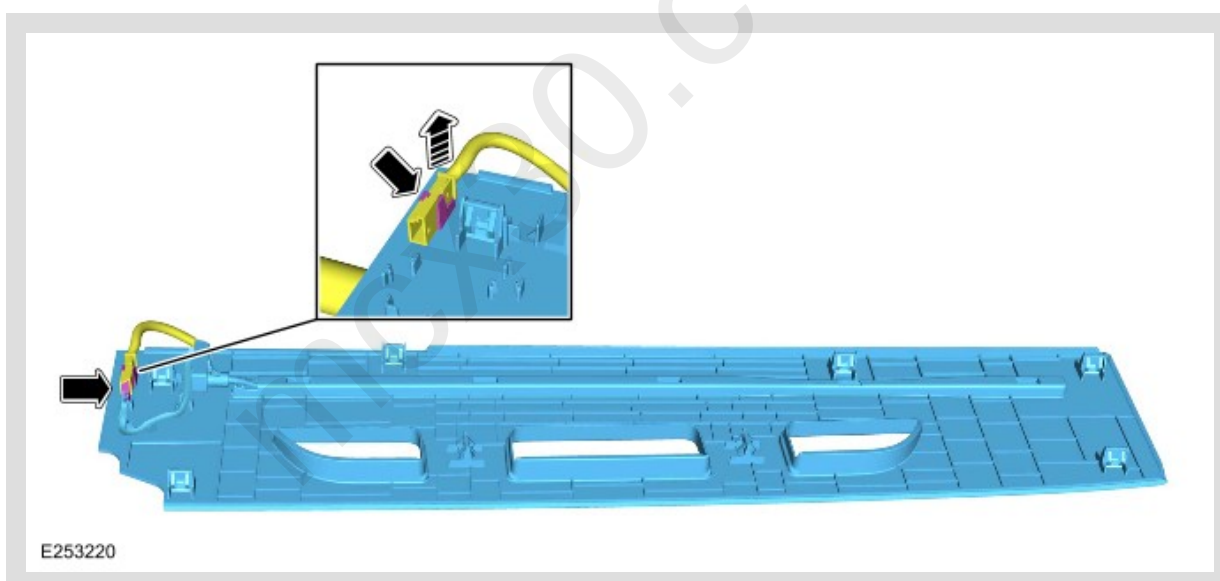
⚠ CAUTION:

Take extra care not to damage the component.

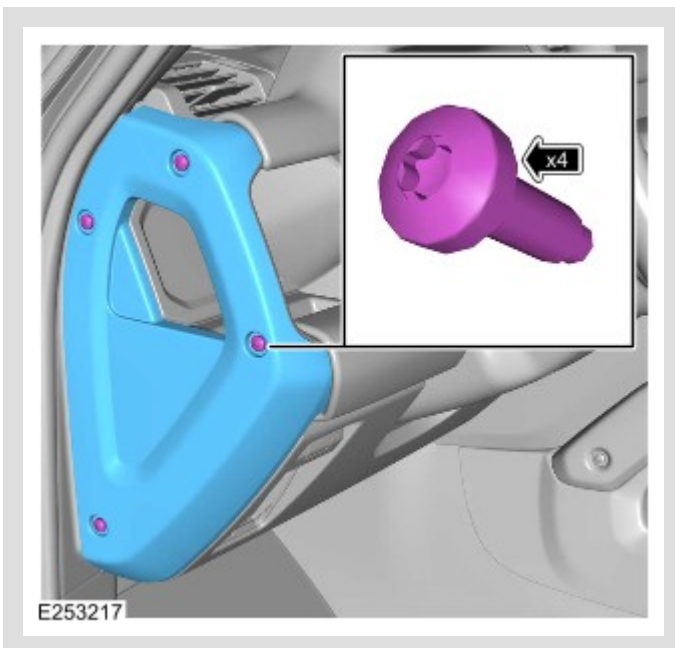


Use a suitable plastic trim tool to release the passenger side trim panel at 8 clips.

4.



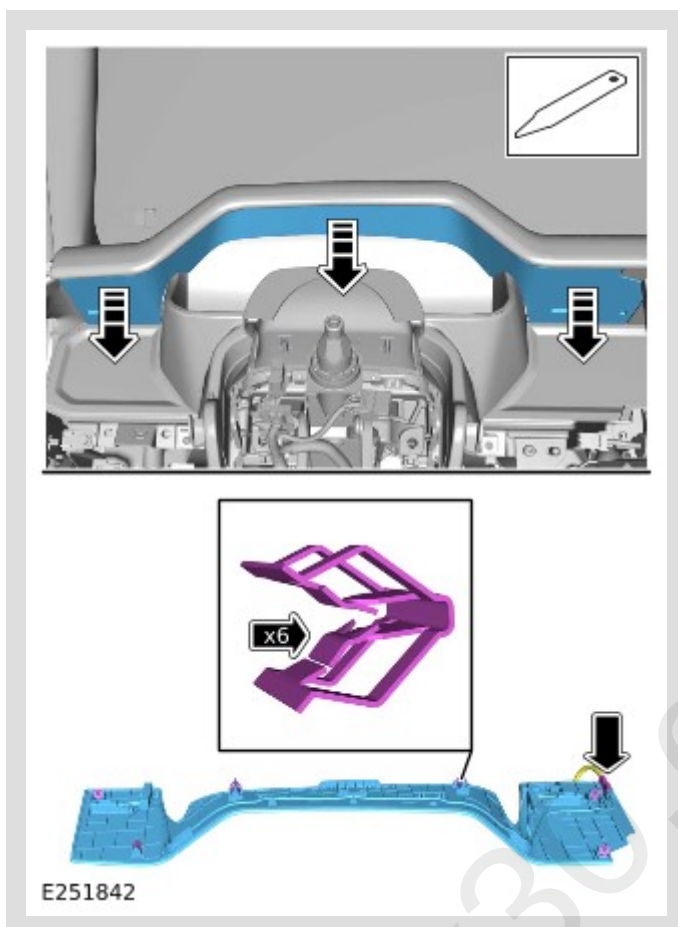
- Disconnect the ambience lighting electrical connector.
- Release the wiring harness connector from the clip.
- Remove the passenger side trim panel.



- Remove the 4 bolts.
- Remove the instrument panel driver side trim.

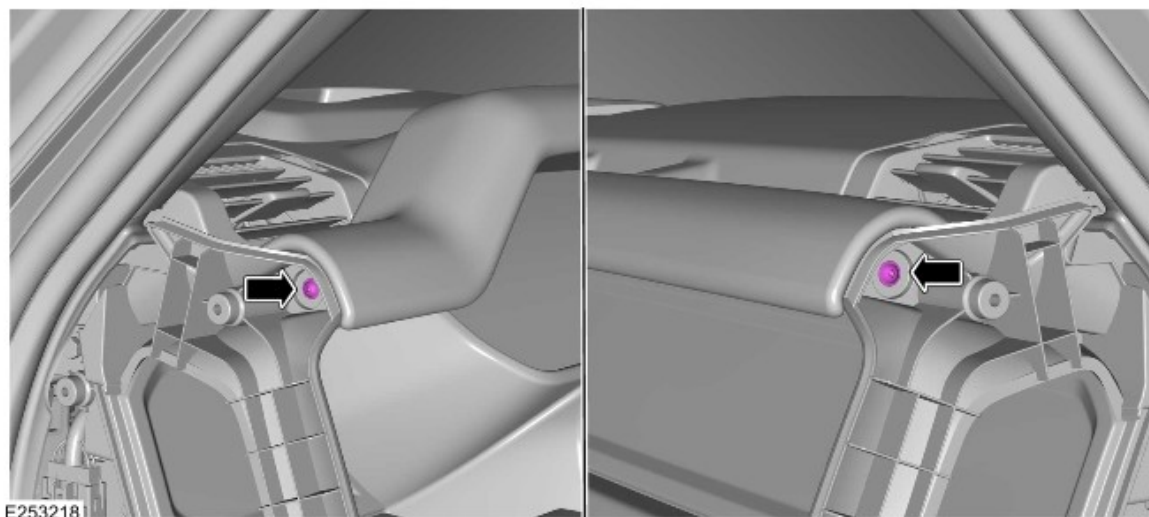
ⓘ CAUTION:

Take extra care not to damage the component.



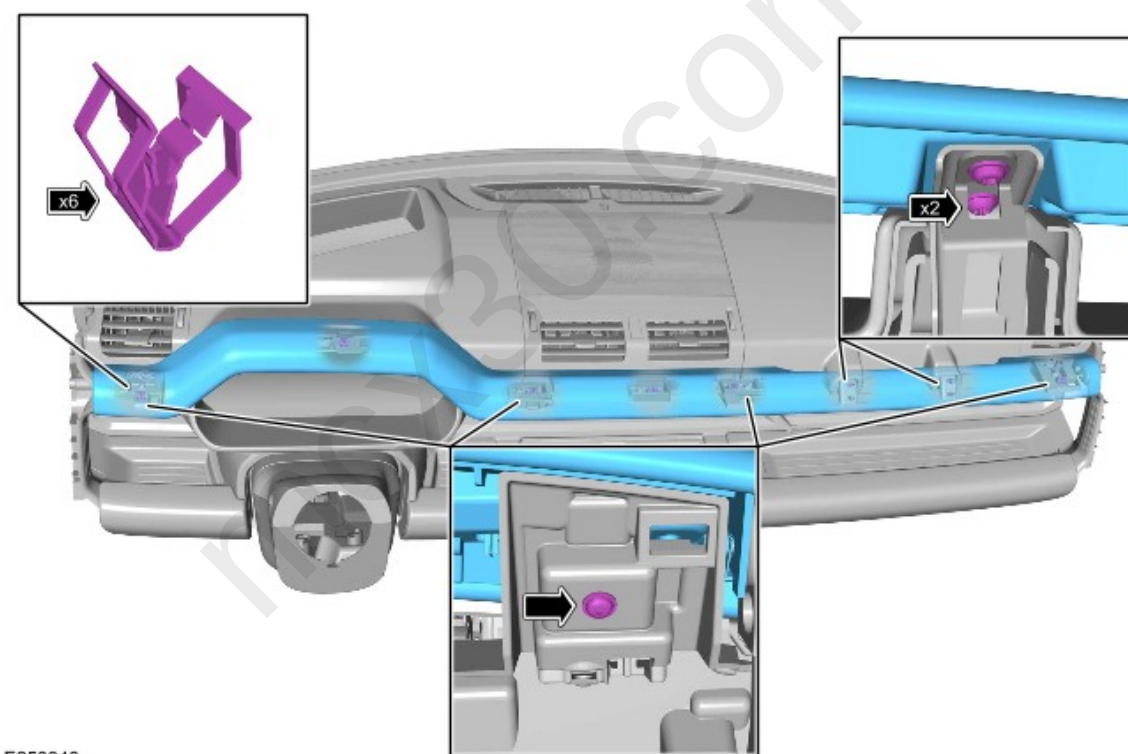
- Use a suitable plastic trim tool to release the Instrument Cluster (IC) upper trim panel at 6 clips.
- Disconnect the electrical connector from the ambience lighting wiring harness.
- Remove the IC upper trim panel.

7.



Remove the 2 bolts.

8.

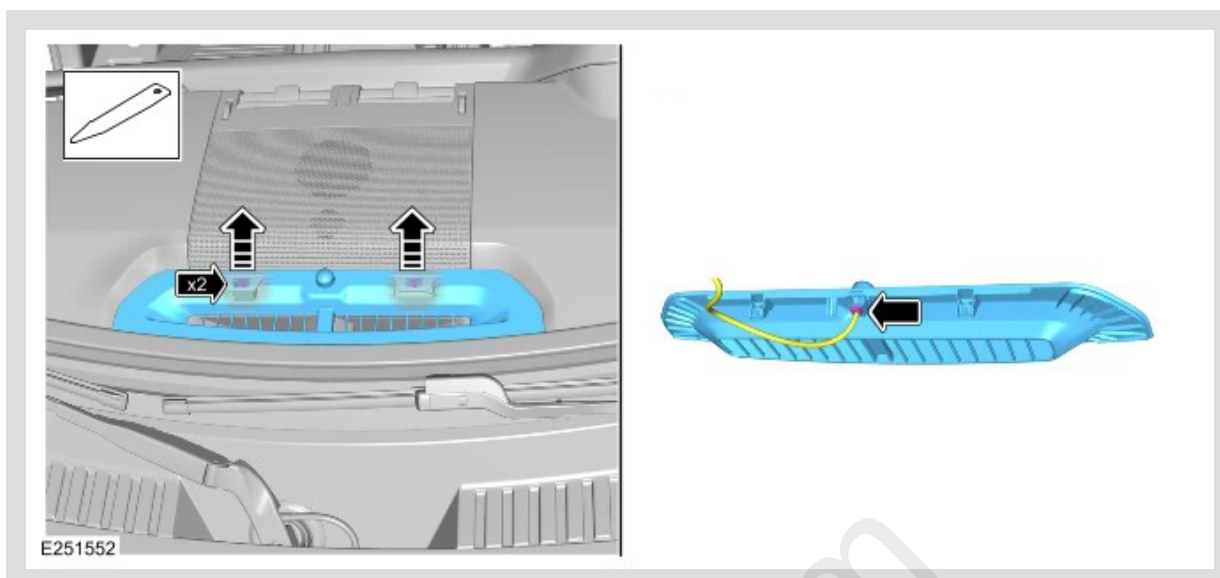


- Remove the 4 bolts.
- Remove the 4 screws.
- Remove the instrument panel upper surround trim at the 6 clips.

9.

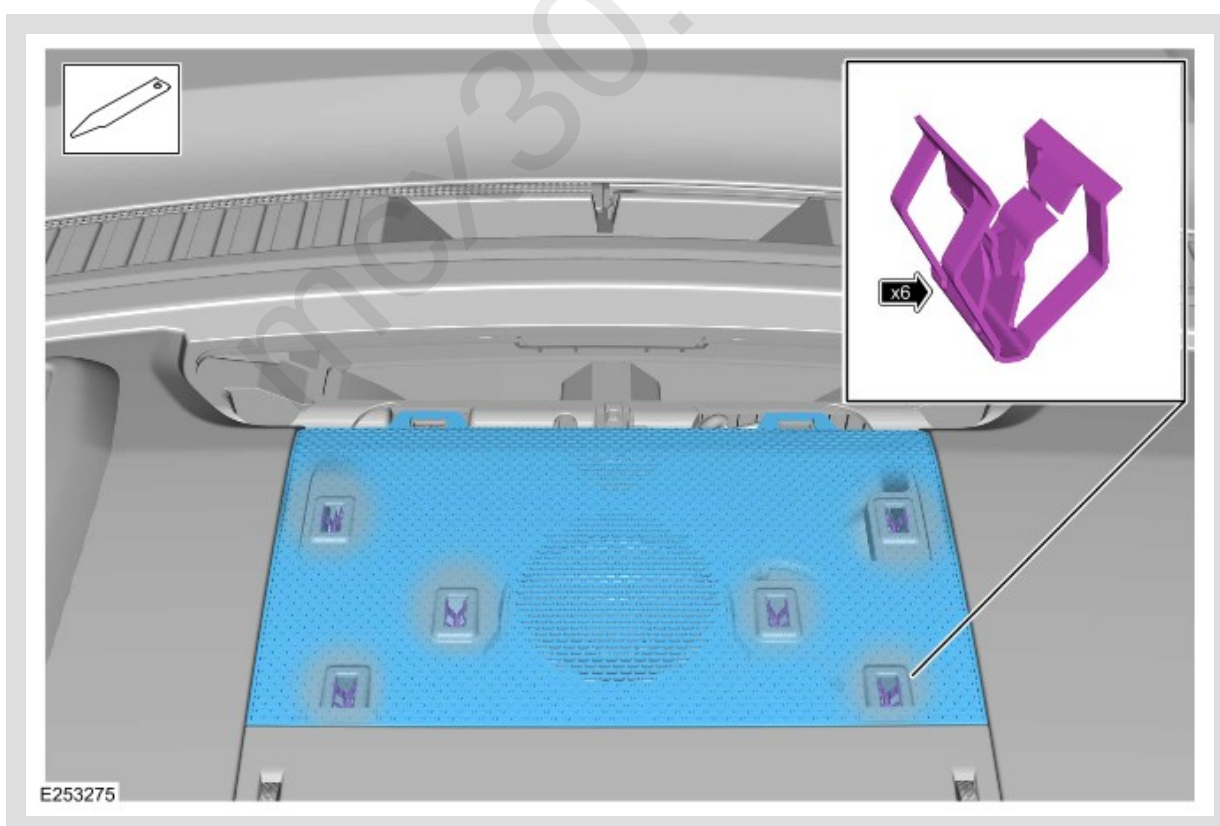
⚠ CAUTION:

Take extra care not to damage the component.

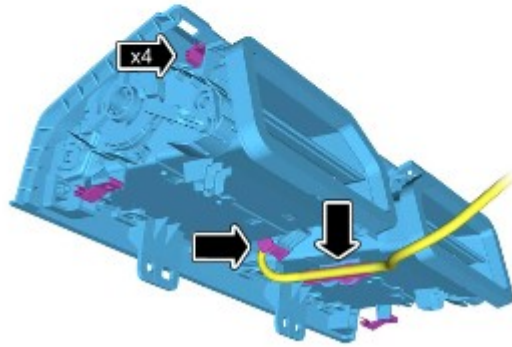
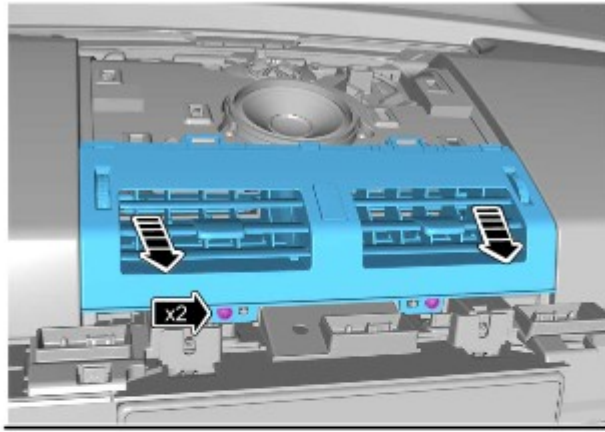


- Use a suitable plastic trim tool to remove the demist vent at the 2 clips.
- Disconnect the electrical connector from the sunload sensor.

10.



Remove the instrument panel speaker grille at the 6 clips.



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- Remove the 2 bolts.
- Release the 4 clips.
- Release the wiring harness clip.
- Disconnect the electrical connector from the switch.
- Remove the front center vent.

INSTALLATION

1.

- Connect the electrical connector to the switch.
- Secure the wiring harness clip.
- Install the front center vent to the 4 clips.
- Install and tighten the 2 bolts.

Torque: 1.7Nm

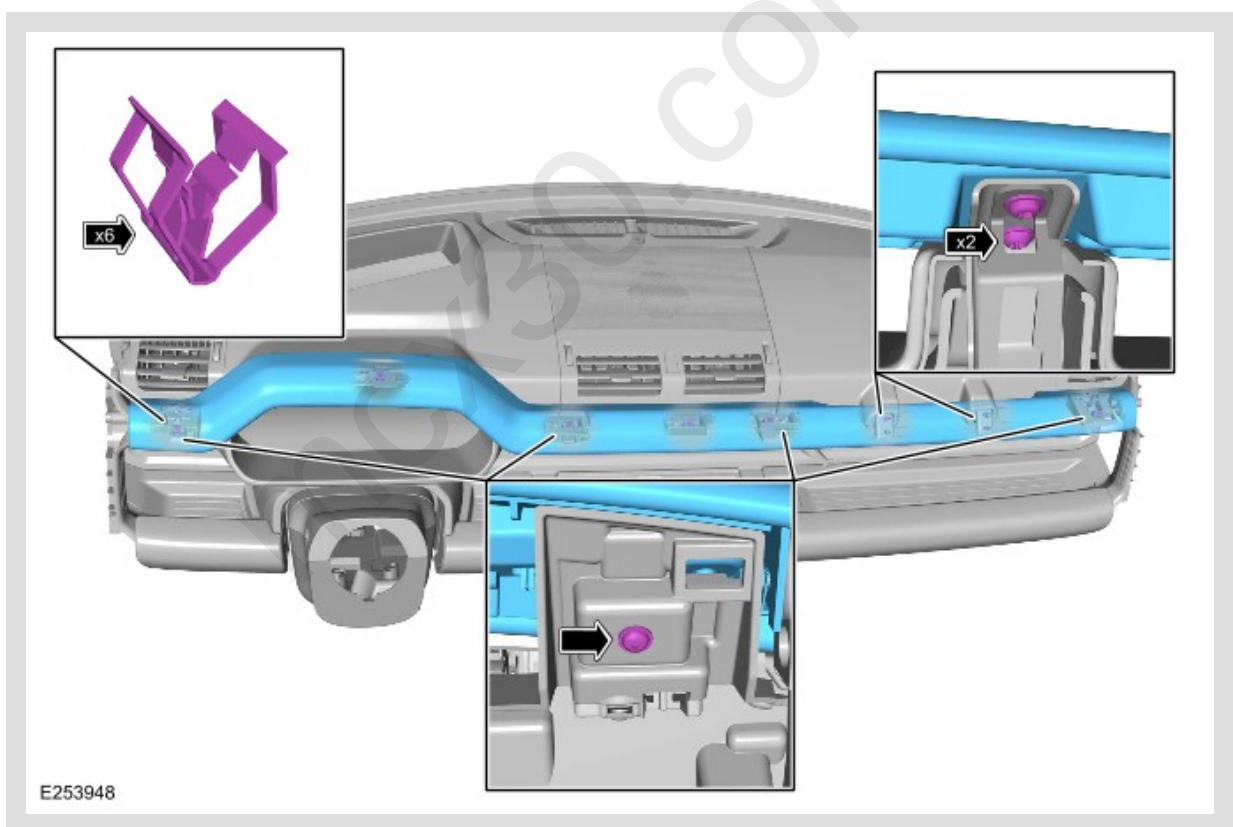
2.

Install the instrument panel speaker grille to the 6 clips.

3.

- Connect the electrical connector to the sunload sensor.
- Install the demist vent at the 2 clips.

4.



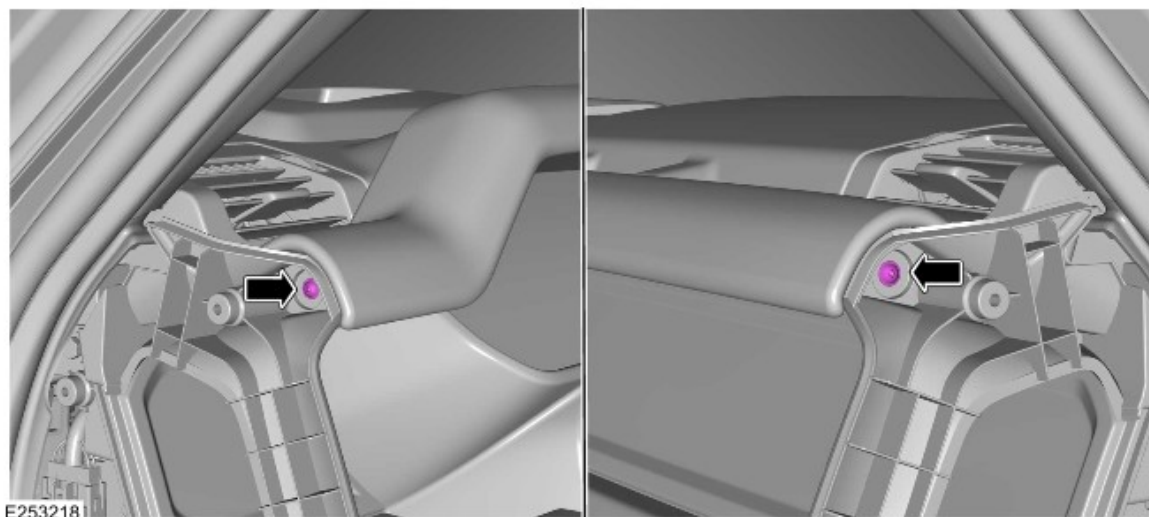
- Install the instrument panel upper surround trim to the 6 clips.
- Install and tighten the 4 screws.

Torque: 1.7Nm

- Install and tighten the 4 bolts.

Torque: 1.7Nm

5.



Install and tighten the 2 bolts.

Torque: 1.7Nm

6.

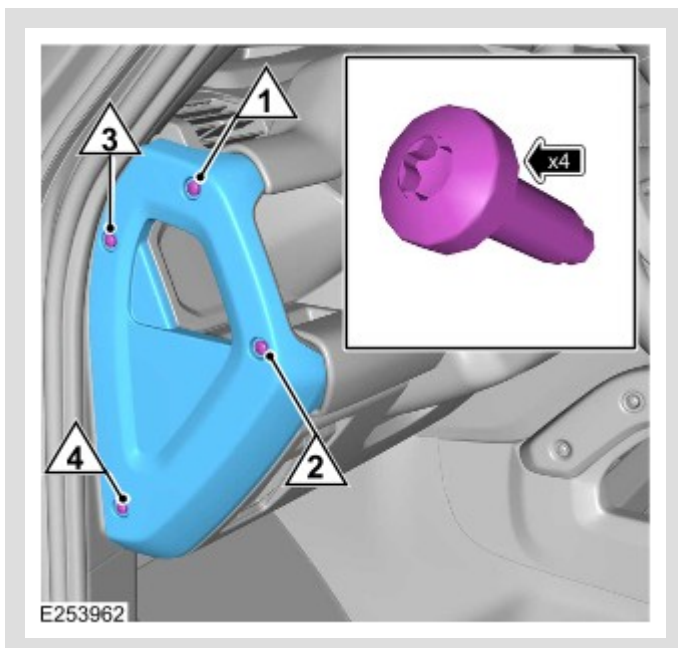
ⓘ CAUTIONS:

- Make sure the electrical connector is correctly secured.
 - Take extra care not to damage the component.
-
- Connect the electrical connector to the ambience lighting wiring harness.
 - Install the instrument cluster upper trim panel to the 6 clips.

7.

NOTE:

Make sure that the bolts are centered in the bolt hole.



- Install the instrument panel driver side trim.
- Install and tighten the 4 bolts as in illustrated sequence.

Torque: 2.5Nm

8.

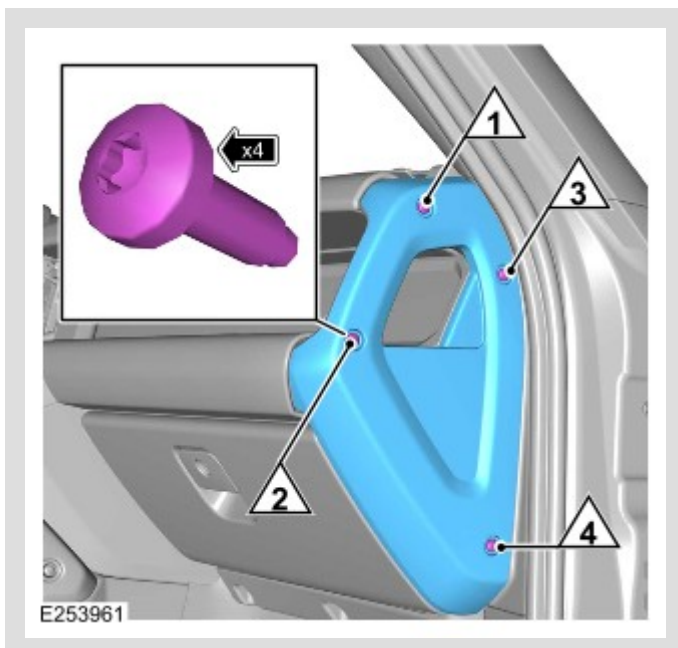
CAUTIONS:

- Make sure the electrical connector is correctly secured.
- Take extra care not to damage the component.
- Connect the electrical connector to the ambience lighting wiring harness.
- Install the wiring harness connector to the clip.
- Install the passenger side trim panel to the 8 clips.

9.

NOTE:

Make sure that the bolts are centered in the bolt hole.



- Install the instrument panel passenger side trim.
- Install and tighten the 4 bolts as in illustrated sequence.

Torque: 2.5Nm

10. Connect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).