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2020.0 DEFENDER (LE), 413-13

PARKING AID

FRONT OUTER PARKING AID SENSOR (G2323760)

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REMOVAL

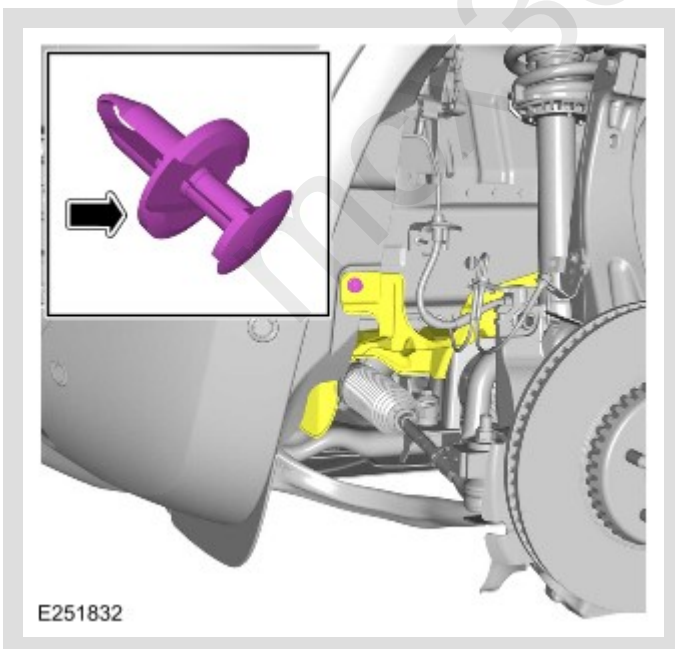
 NOTES:

- 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.
- This procedure contains illustrations for left side components, right side components are similar.
- The ignition must be switched off.

1. Raise and support the vehicle on a suitable 2-post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

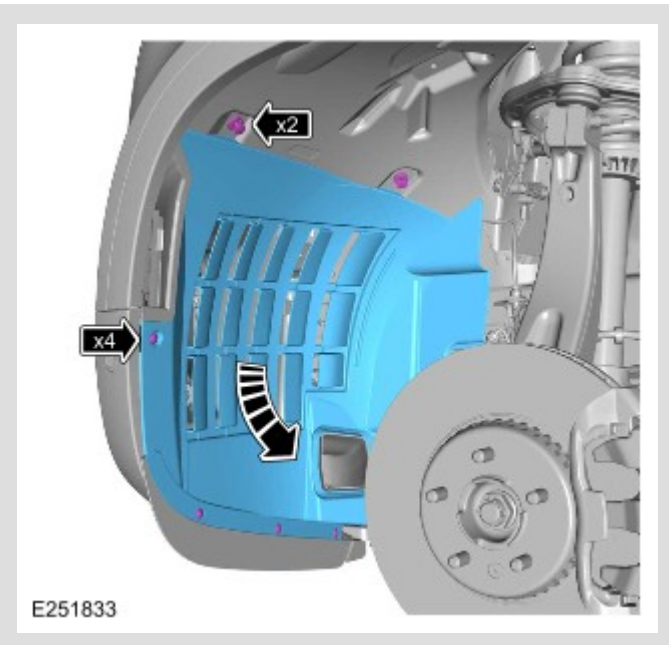
2. Remove the wheel and tire assembly.
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

- 3.



- Remove the clip.
- Release the side undershield.

4.

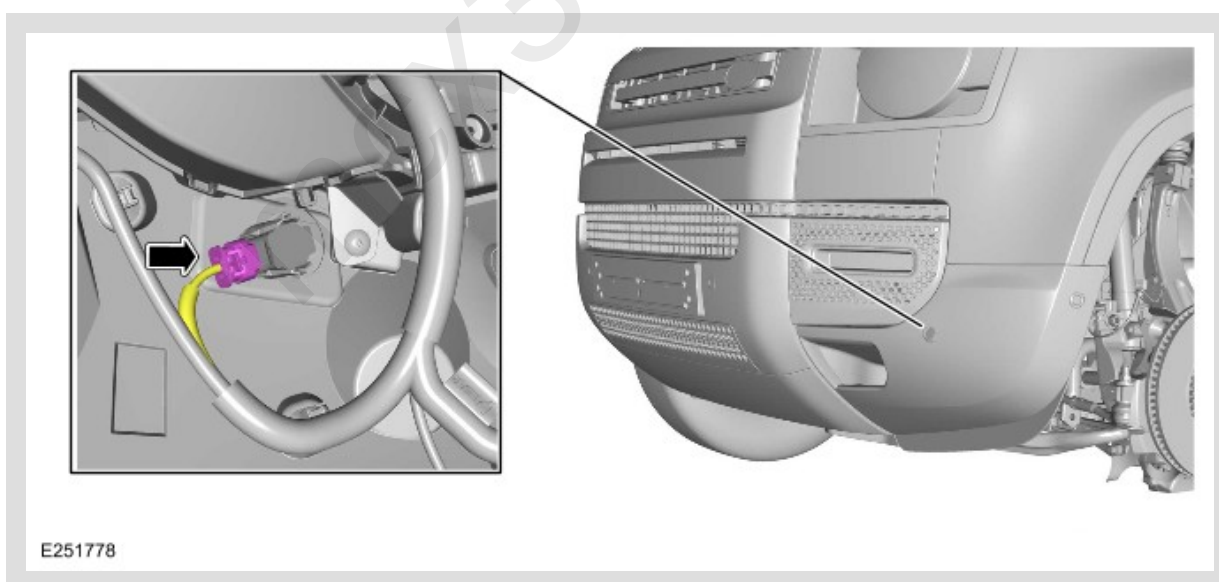


- Remove the 2 clips.
- Remove the 4 screws.
- Remove the wheel arch liner front section.

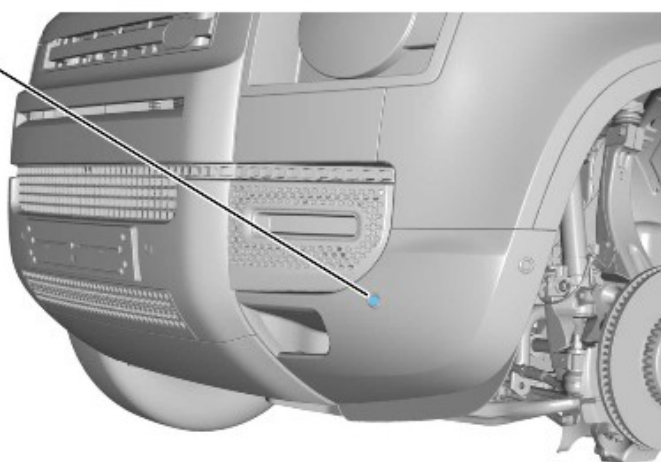
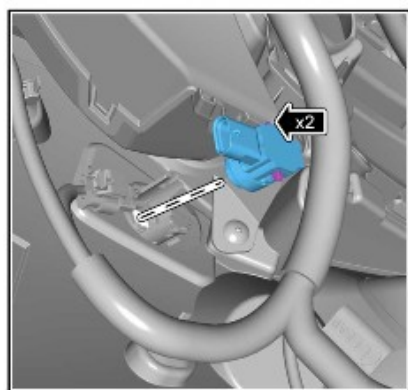
5.

If vehicle is equipped with front auxiliary cooler, remove the front bumper.
Refer to: [Front Bumper](#) (501-19 Bumpers, Removal and Installation).

6.



Disconnect the electrical connector from the front outer parking aid sensor.



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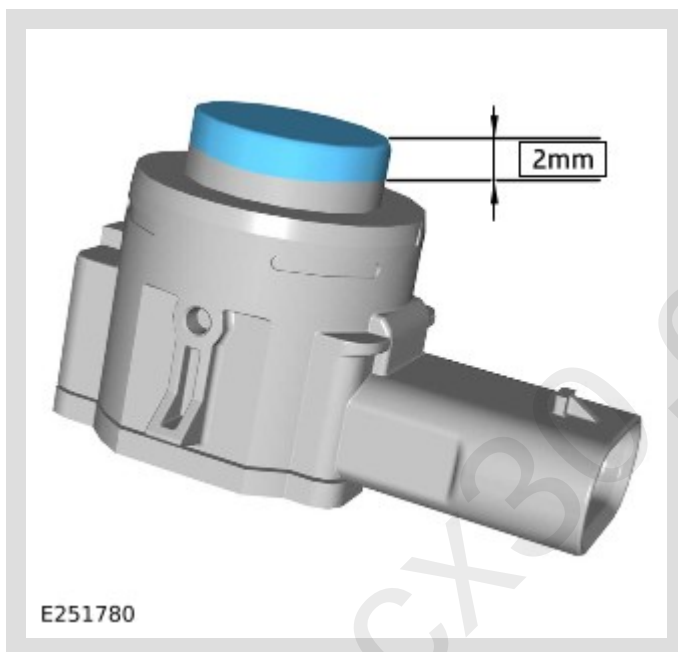
Release the 2 clips and remove the front outer parking aid sensor.

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1.

⚠ CAUTIONS:

- If a new parking aid sensor is installed, make sure that the membrane and the cylindrical edge of the membrane must be covered with a paint layer of at least 2 mm all the way around as illustrated.
- The whole paint film thickness on the membranes is up to a maximum of 120 micrometers (including the electro-coated layer) to make sure a proper sensor function.
- This is also valid for the multiple layer paints.

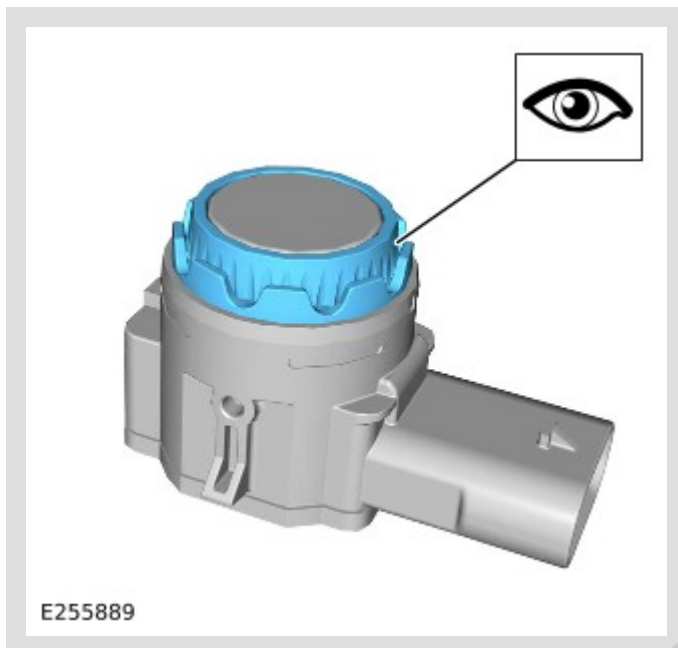


Check the paint layer of the parking aid sensor.

2.

⚠ CAUTIONS:

- Inspect the ring, replace if damaged.
- Make sure that the ring is correctly located to the sensor.



Before installing the front outer parking aid sensor, check the condition and the position of the ring.

3.

⚠ NOTE:

Make sure that the sensor is correctly located to the bracket. Audible clicks will be heard to confirm connection.

- Install the front outer parking aid sensor.
- Connect the electrical connector to the front outer parking aid sensor.

4.

If vehicle is equipped with front auxiliary cooler, install the front bumper.

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

5.

- Install the wheel arch liner front section.
- Install and tighten the 4 screws.
- Install the 2 clips.

6.

- Reposition the side undershield.
- Install the clip.

7.

Install the wheel and tire assembly.

Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

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