

PUBLISHED: 06-APR-2020
2020.0 DEFENDER (LE), 501-19

BUMPERS

FRONT BUMPER (G 2 4 3 0 8 2 7)

REMOVAL AND INSTALLATION

76.22.72	FRONT BUMPER - RENEW	ALL DERIVATIVES	2.30	USED WITHINS	+
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REMOVAL

CAUTION:

Make sure that the vehicle paintwork is protected.

NOTE:

- 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. 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.

NOTE:

Repeat the procedure for the other side.

Remove the front wheels and tires.

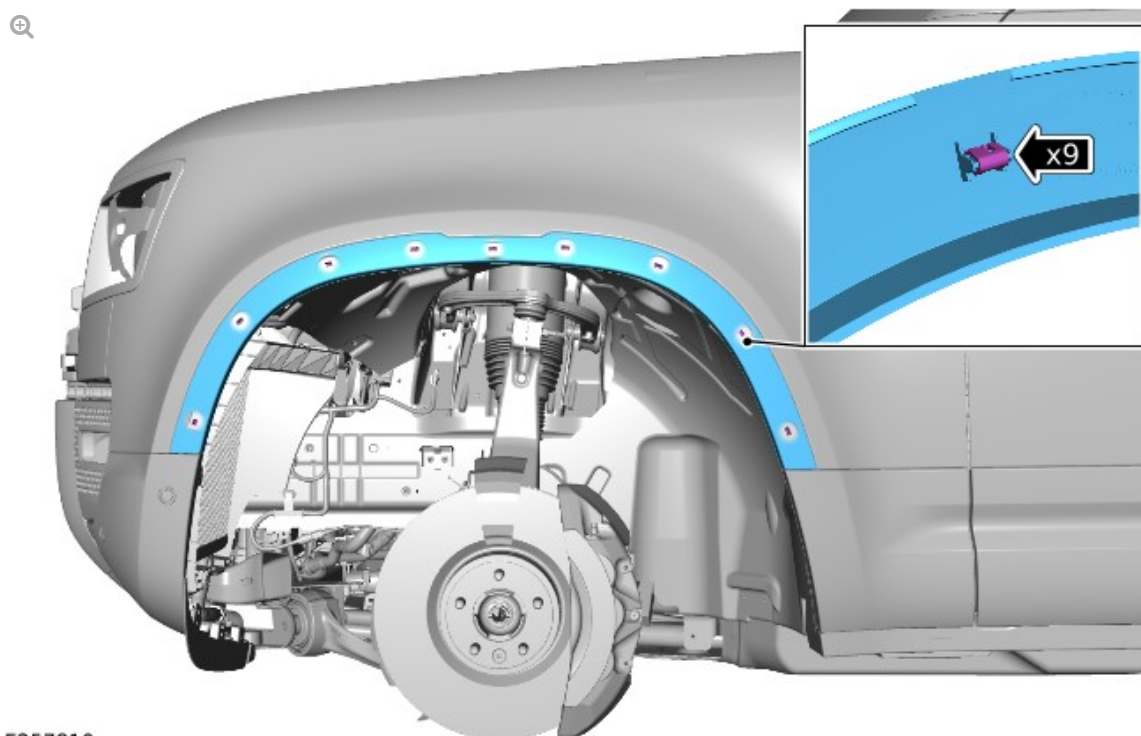
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

3. Remove the radiator grille.
Refer to: [Radiator Grille](#) (501-08 Exterior Trim and Ornamentation, Removal and Installation).

4.

NOTE:

Repeat this step for the other side.

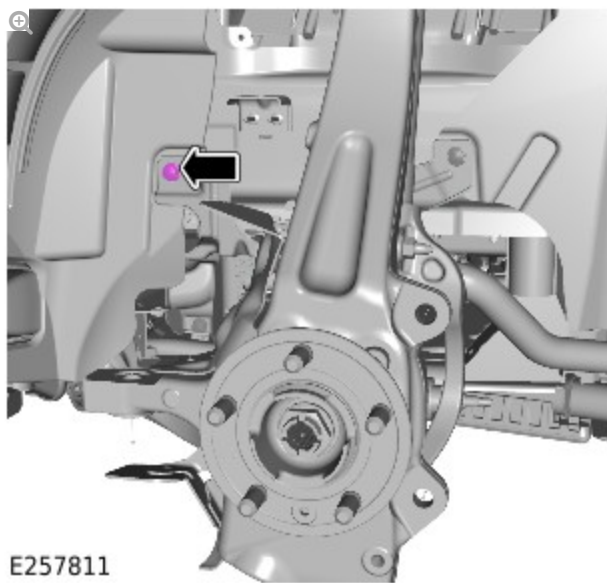
**E257810**

- Release the 9 clips.
- Remove the front fender trim panel.

5.

NOTE:

Repeat the step for the other side.

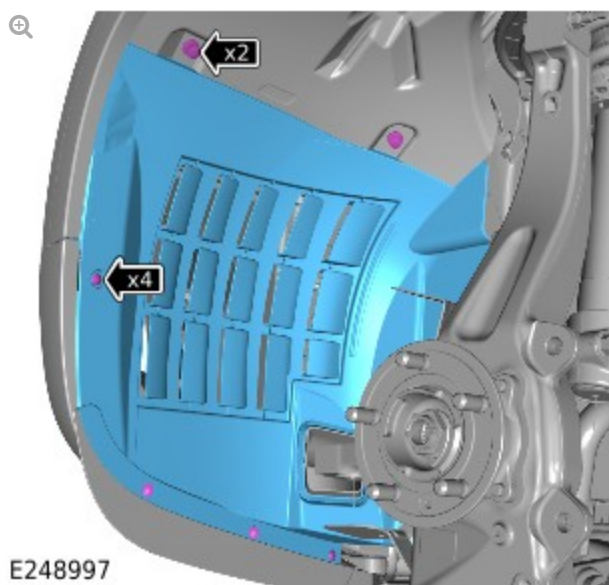


Release the clip

6.

NOTE:

Repeat the step for the other side.



- Release the 6 clips.
- Release the front section of the wheel arch liner.

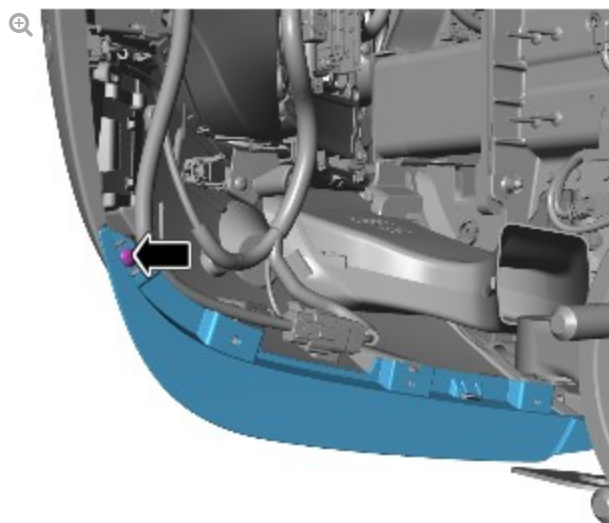
7. Remove the front bumper lower cover.

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

8.

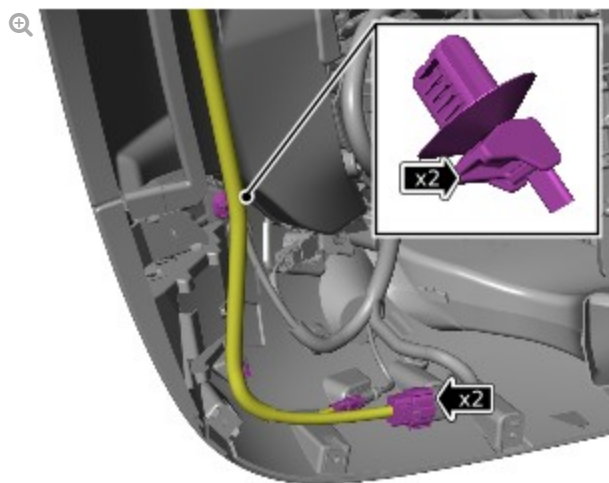
NOTE:

Repeat the step for the other side.

**E255467**

- Remove the screw.
- Remove the outside lower panel from front bumper.

9.

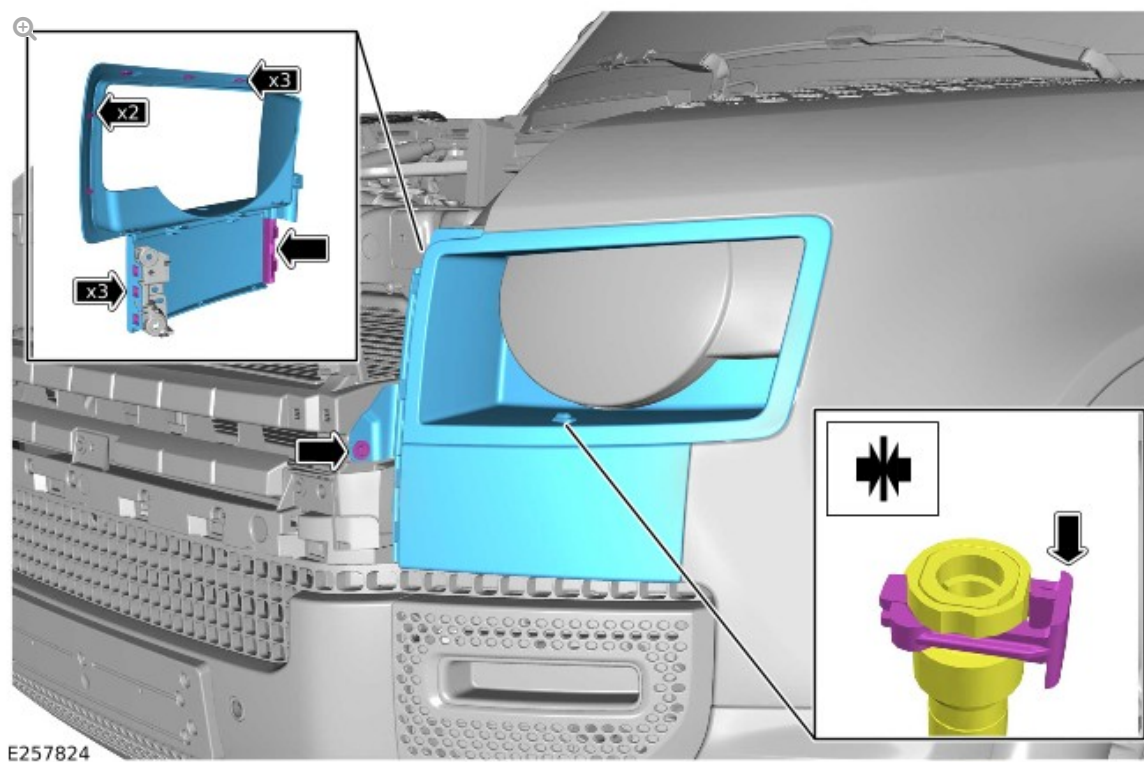
**E255469**

- Disconnect the 2 electrical connectors.
- Release the 2 wiring harness clips.

10.

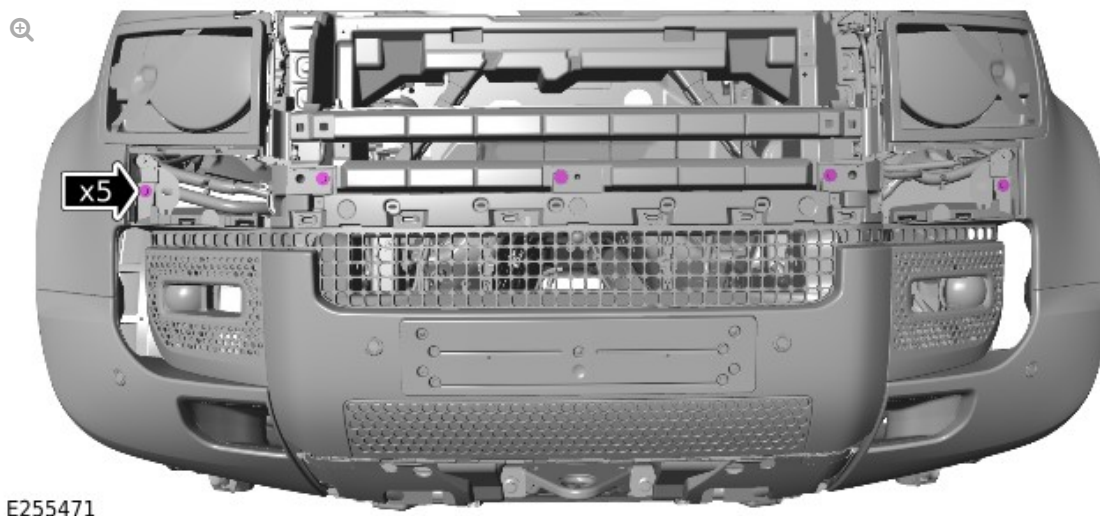
NOTE:

Repeat this step for the other side.



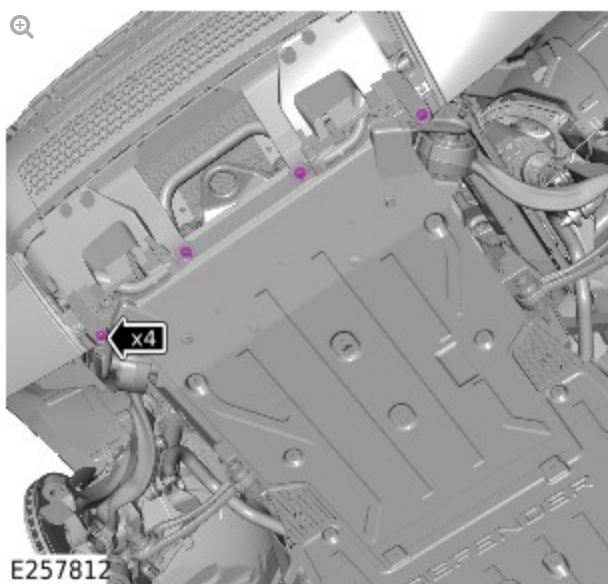
- Remove the bolt.
- Release the 9 clips.
- Disconnect the headlamp washer jet hose.
- Remove the headlamp finisher assembly.

11.



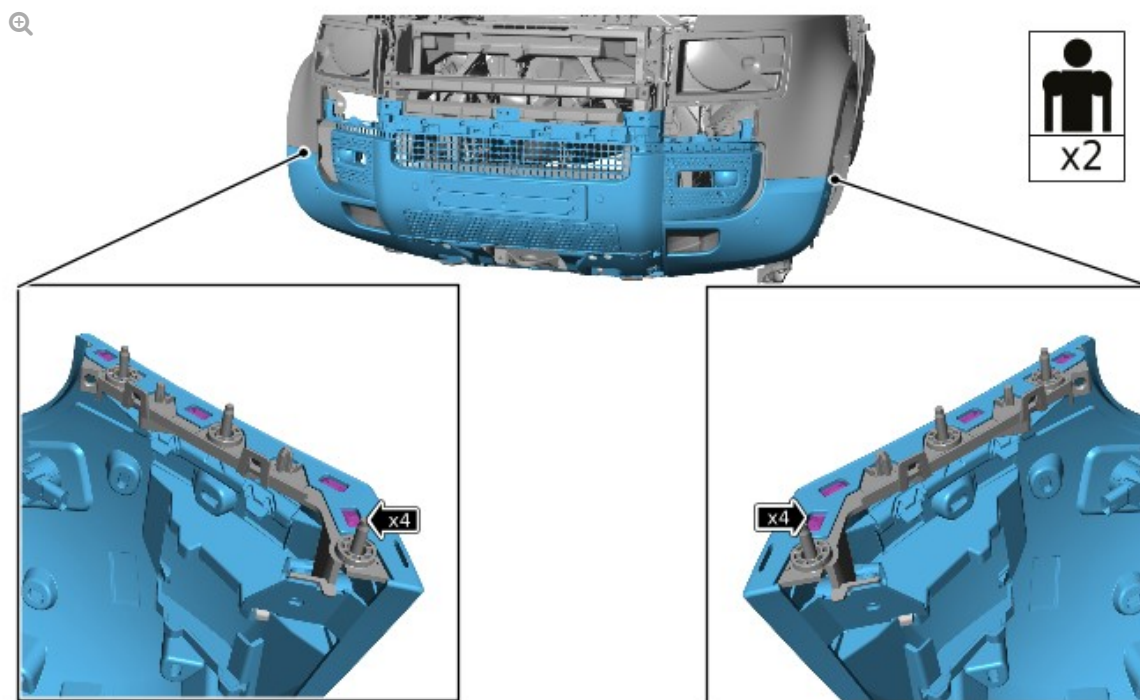
Remove the 5 bolts from the front bumper upper section.

12.



Remove the lower 4 clips from the front bumper.

13.



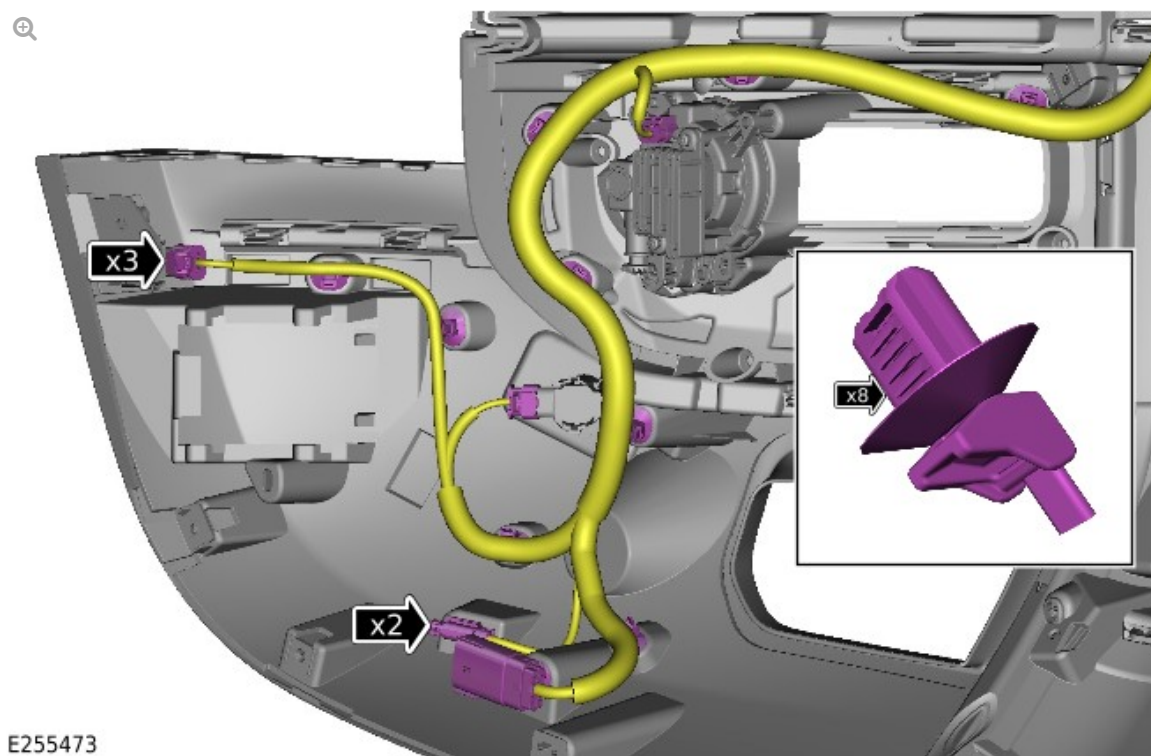
E255472

- Release the 8 clips.
- With assistance, remove the front bumper.

14.

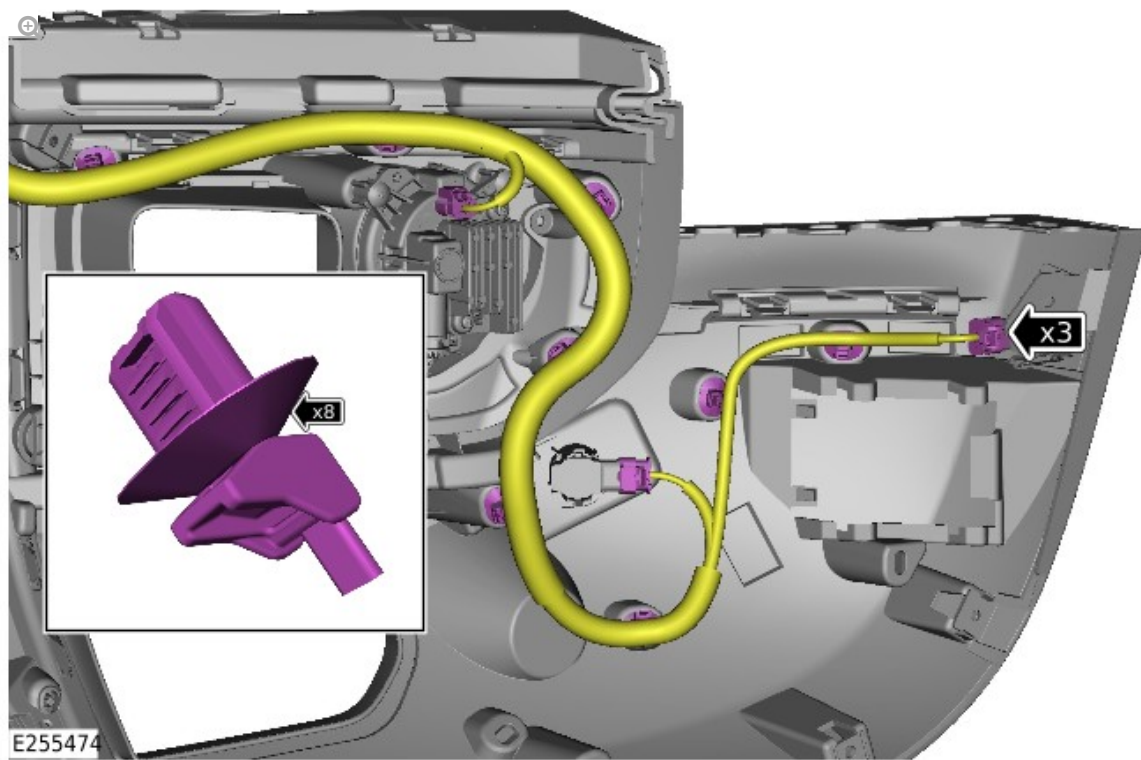
NOTE:

Only complete the following step(s) if a new component is to be installed.



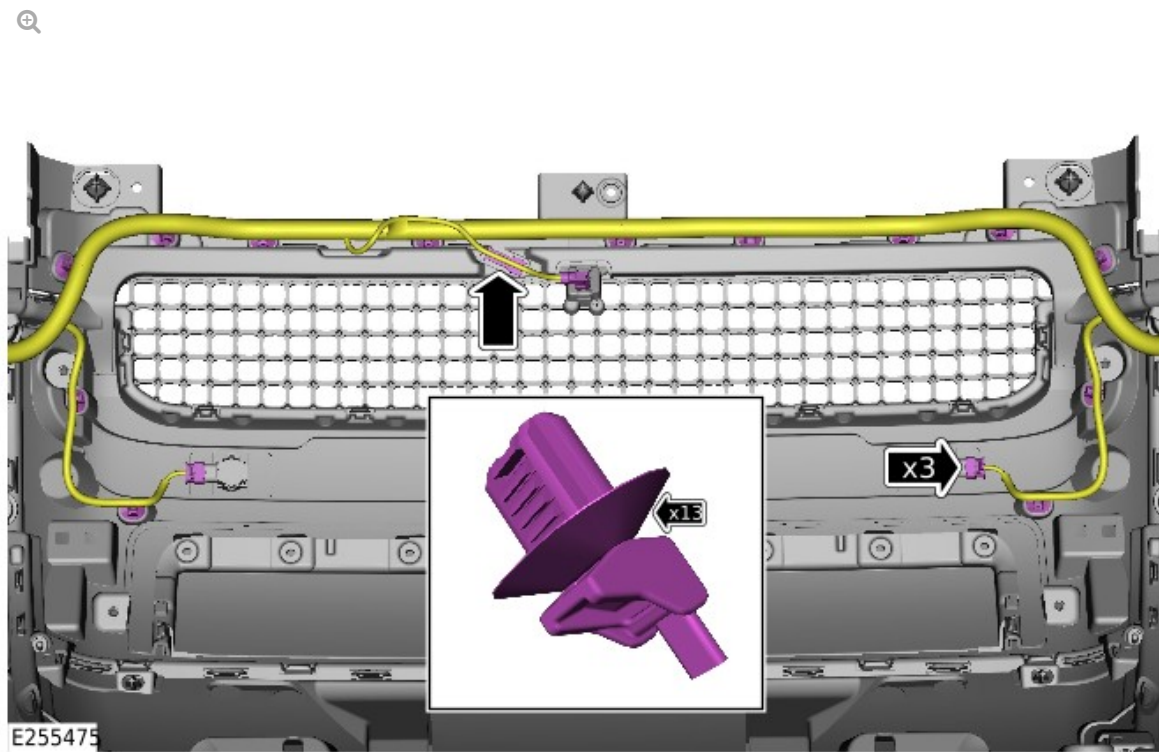
- Disconnect the 3 electrical connectors.
- Release the 8 wiring harness clips.
- Release the 2 electrical connectors from front bumper.

15.



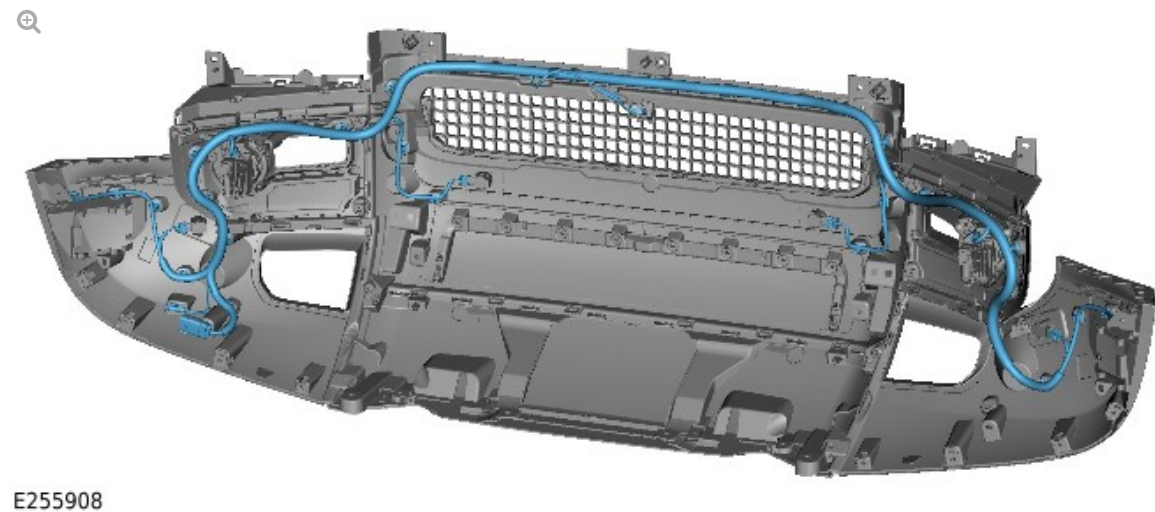
- Disconnect the 3 electrical connectors.
- Release the 8 wiring harness clips.

16.



- Disconnect the 3 electrical connectors.
- Release the 14 wiring harness clips.

17.

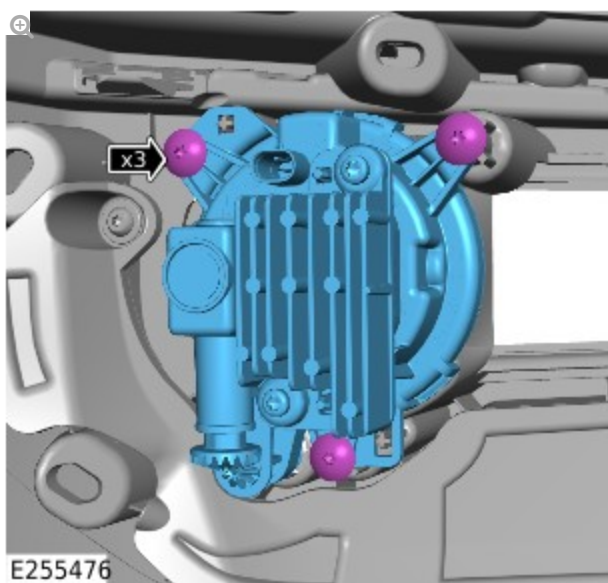


Remove the front bumper wiring harness.

18.

NOTE:

Repeat the step for the other side.

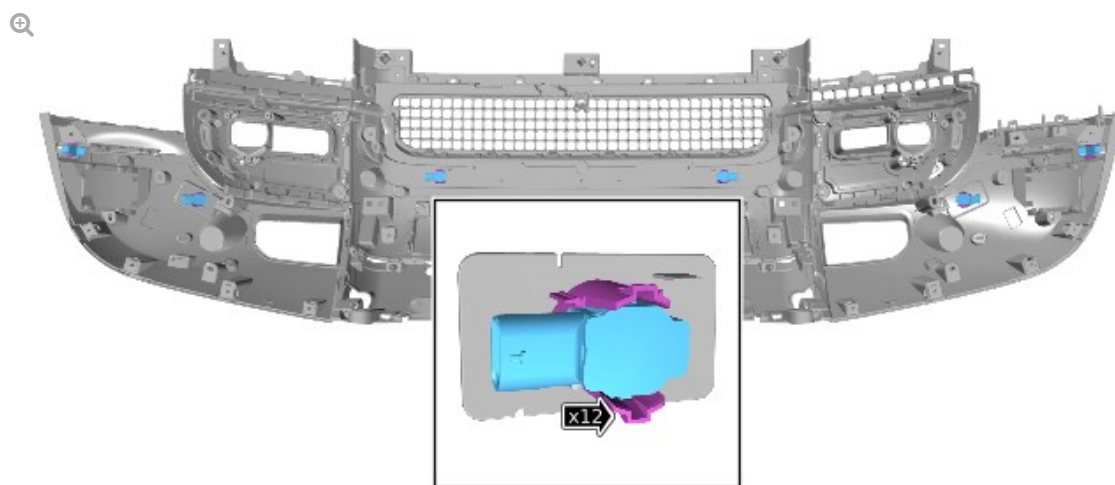


- Remove the 3 screws.
- Remove the front fog lamp.

19.

NOTE:

Take extra care when releasing the clips.



E255477

- Release the 12 clips.
- Remove the 6 parking aid sensors.

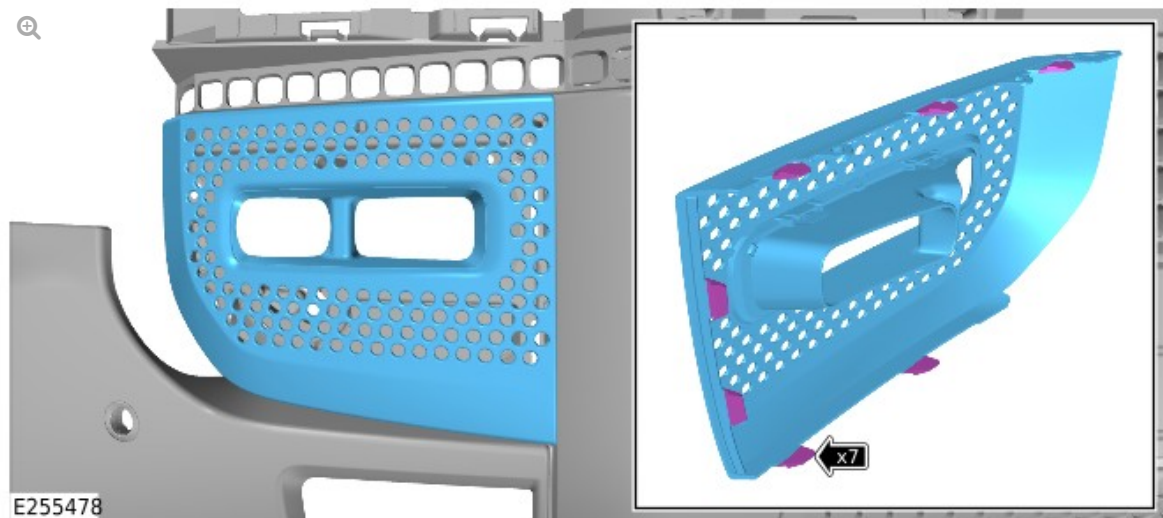
20.

CAUTION:

Take extra care not to damage the clips.

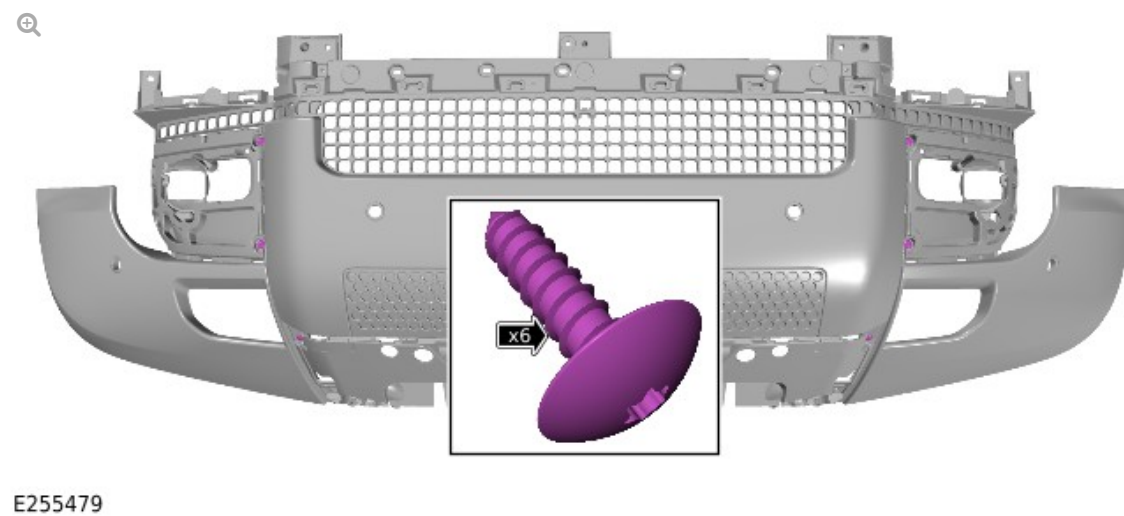
NOTE:

Repeat this step for the other side.



- Release the 7 clips.
- Remove the fog lamp finisher from front bumper.

21.

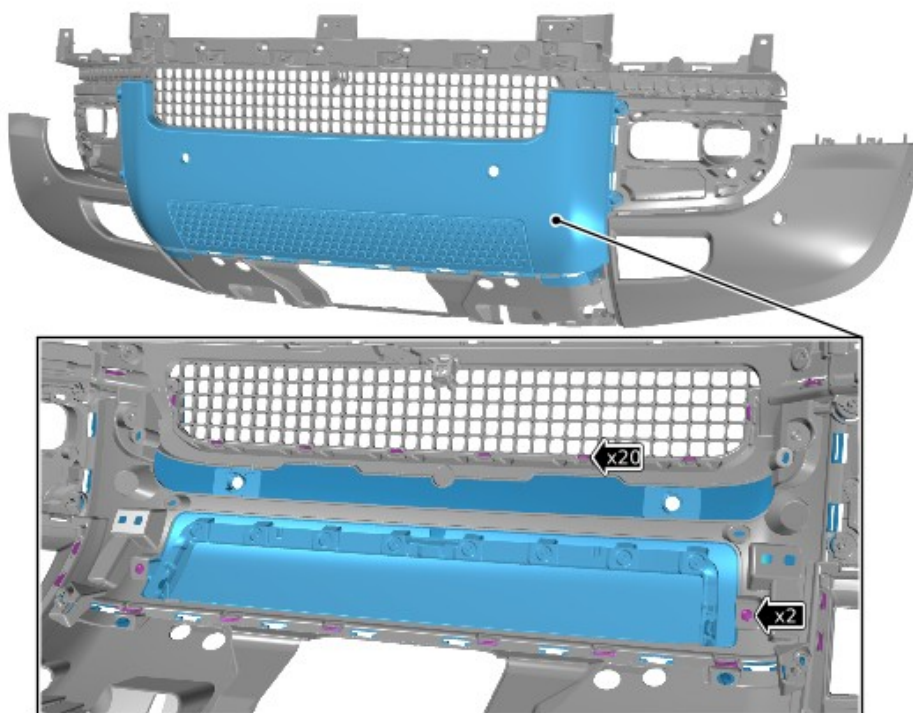


Remove the 6 screws.

22.

CAUTION:

Take extra care not to damage the clips.



E255480

- Remove the 2 screws.
- Release the 20 clips.
- Remove the front bumper protector.

23.

CAUTION:

Take extra care not to damage the clips.



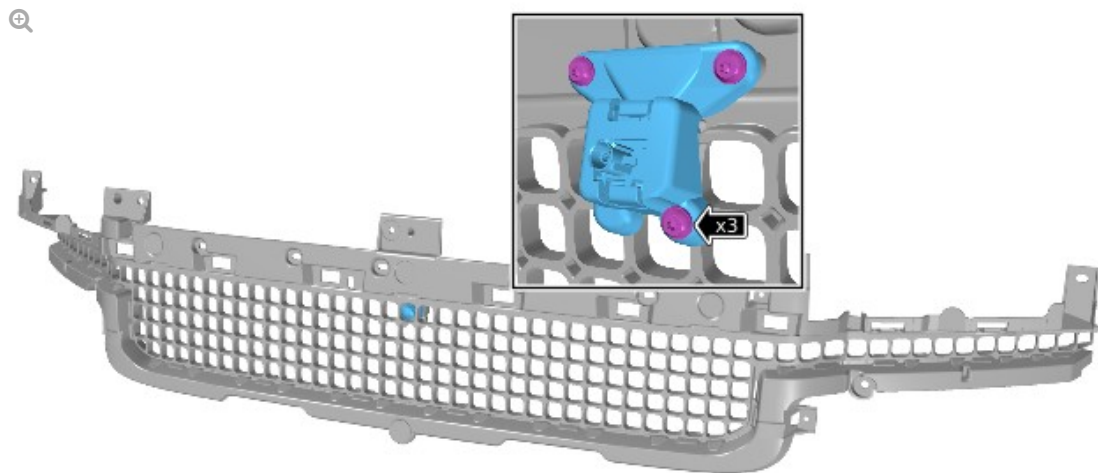
E255481

- Remove the 4 screws.
- Release the 4 clips.
- Remove the front bumper lower grille.

24.

NOTE:

Note the orientation of the component prior to removal.

**E255482**

- Remove the 3 screws.
- Remove the front proximity camera.

INSTALLATION

1.

CAUTION:

Make sure that the component is correctly located on the locating dowels.

NOTE:

Steps 1 to 7 are only required if the components were previously removed.

- Install the front proximity camera.
- Install and tighten the 3 screws.

Torque: 4Nm

2.

NOTE:

Make sure that all the clips are correctly installed.

- Install the front bumper lower grille.
- Make sure the 4 clips are correctly installed.
- Install and tighten the 4 screws.

Torque: 4Nm

3.

NOTE:

Make sure that all the clips are correctly installed.

- Install the front bumper protector.
- Make sure the 20 clips are correctly installed.
- Install and tighten the 8 screws.

Torque: 4Nm

4.

NOTE:

- Make sure that all the clips are correctly installed.
- Repeat this step for the other side.

- Install the fog lamp finisher.
- Make sure the 7 clips are correctly installed.

5.

NOTE:

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

- Install the 6 parking aid sensors.

6.

NOTE:

Repeat this step for the other side.

- Install the front fog lamp.
- Install and tighten the 3 screws.

Torque: 1.5Nm

7.

NOTE:

Make sure that all the clips are correctly installed.

- Install the front bumper wiring harness.
- Install the 30 wiring harness clips.
- Connect the 9 electrical connectors.
- Install the 2 electrical connectors to the front bumper.

8.

CAUTION:

Care must be taken to avoid damaging the surrounding paintwork.

- With assistance, install the front bumper.
- Make sure the 8 clips are correctly installed.

9. Install the 4 lower clips to the front bumper.

10. Install and tighten the upper 5 bolts to the front bumper.

Torque: 6Nm

11.

NOTE:

Repeat this step for the other side.

- Connect the headlamp washer jet hose.
- Install the front bumper finisher.
- Make sure the 9 clips are correctly installed.
- Install the bolt.

12.

- Connect the 2 electrical connectors.
- Install the 2 wiring harness clips.

13.

NOTE:

Repeat this step for the other side.

- Install the outside lower panel to front bumper.
- Install and tighten the screw.

Torque: 4Nm

14.

Install the front bumper lower cover.

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

15.

NOTE:

Repeat this step for the other side.

- Install the front section of the wheel arch liner.
- Make sure the 6 clips are correctly installed.

16.

NOTE:

Repeat this step for the other side.

Install the front wheel arch inner moulding clip.

17.

NOTE:

Repeat this step for the other side.

- Install the front fender trim panel.
- Make sure the 9 clips are correctly installed.

18.

Install the radiator grille.

Refer to:[Radiator Grille](#) (501-08 Exterior Trim and Ornamentation, Removal and Installation).

19.

NOTE:

Repeat the procedure for the other side.

Install the front wheels and tires.

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