

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

BUMPERS

FRONT BUMPER (G2430827)

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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.

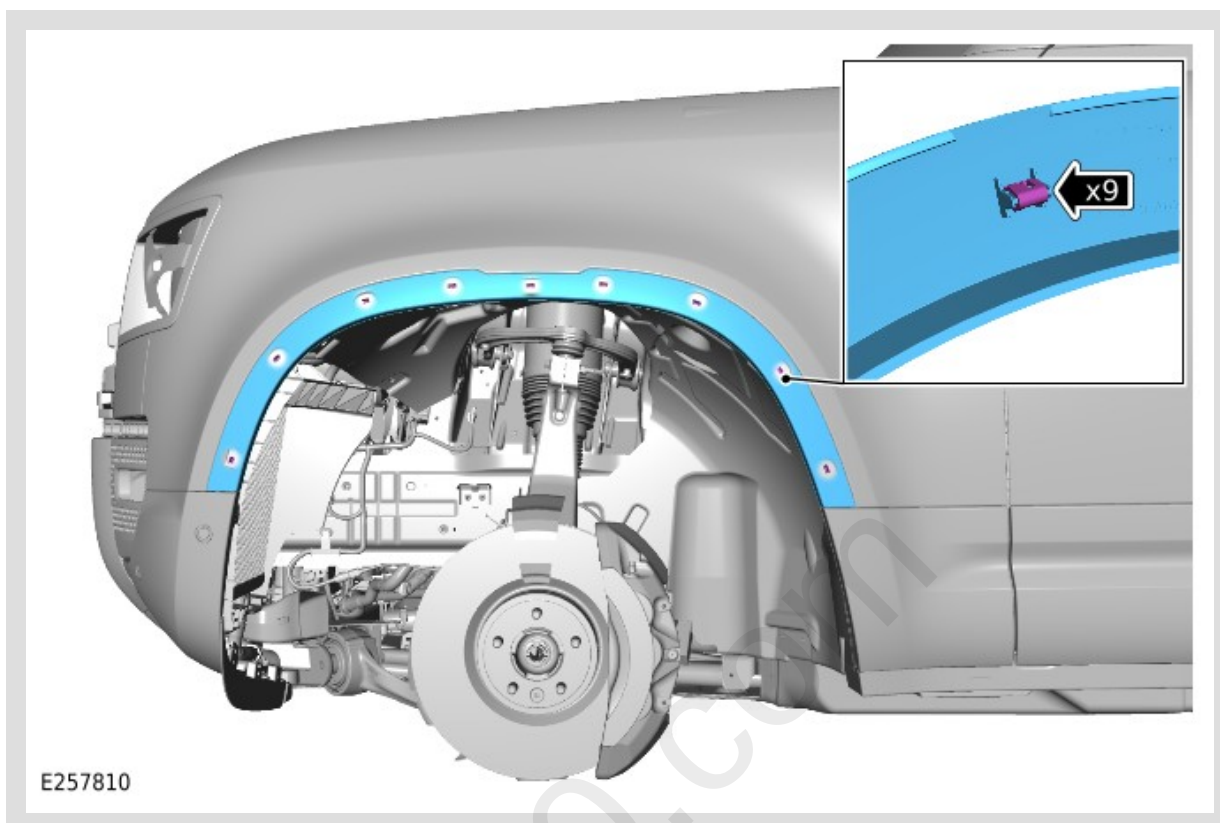
Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

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.

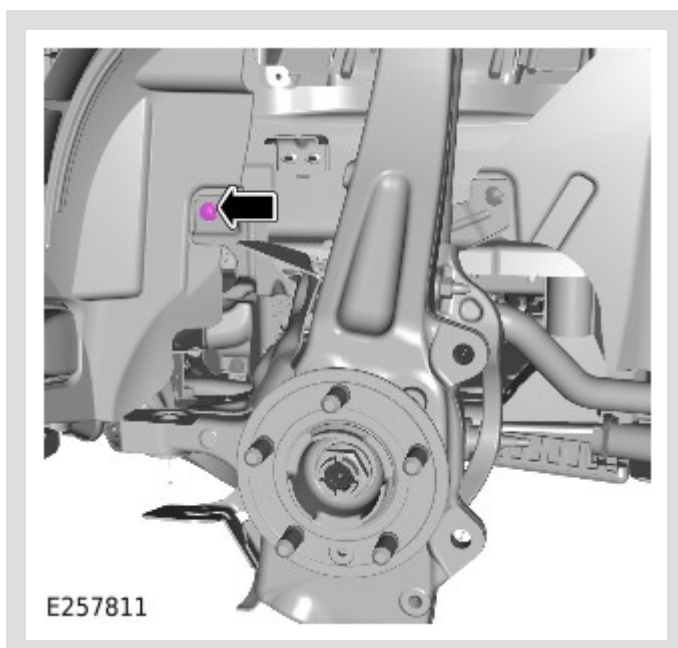


- Release the 9 clips.
- Remove the front fender trim panel.

5.

 **NOTE:**

Repeat the step for the other side.

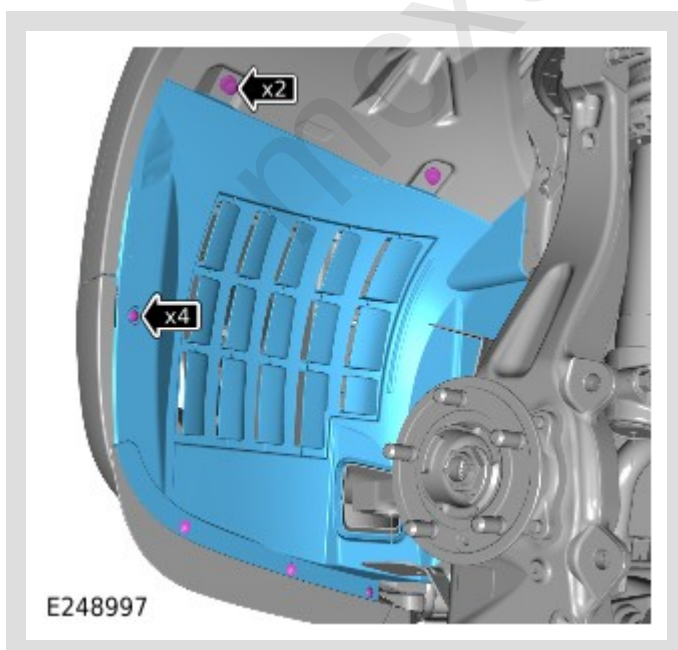


Release the clip

6.

 **NOTE:**

Repeat the step for the other side.



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

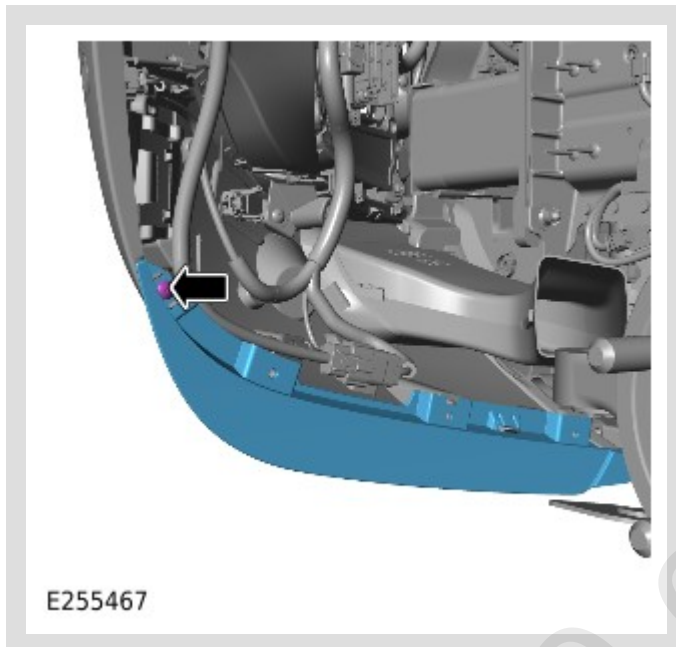
7. Remove the front bumper lower cover.

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

8.

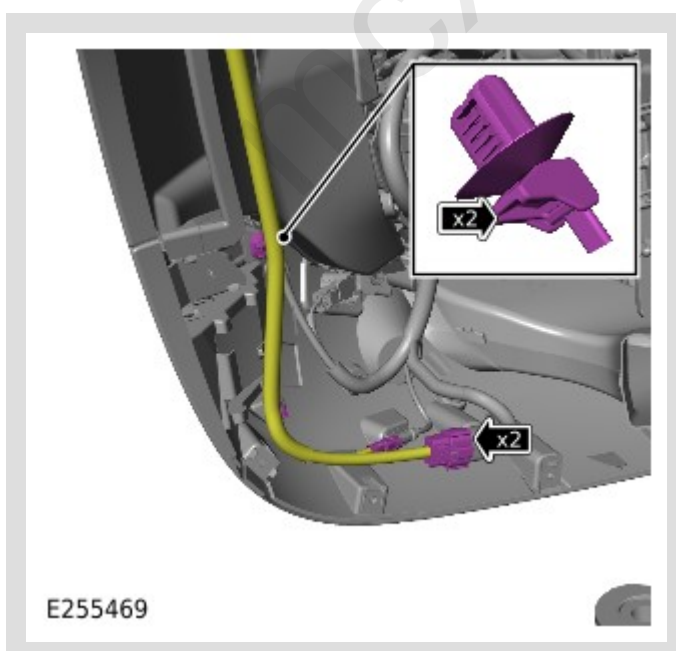
 NOTE:

Repeat the step for the other side.



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

9.

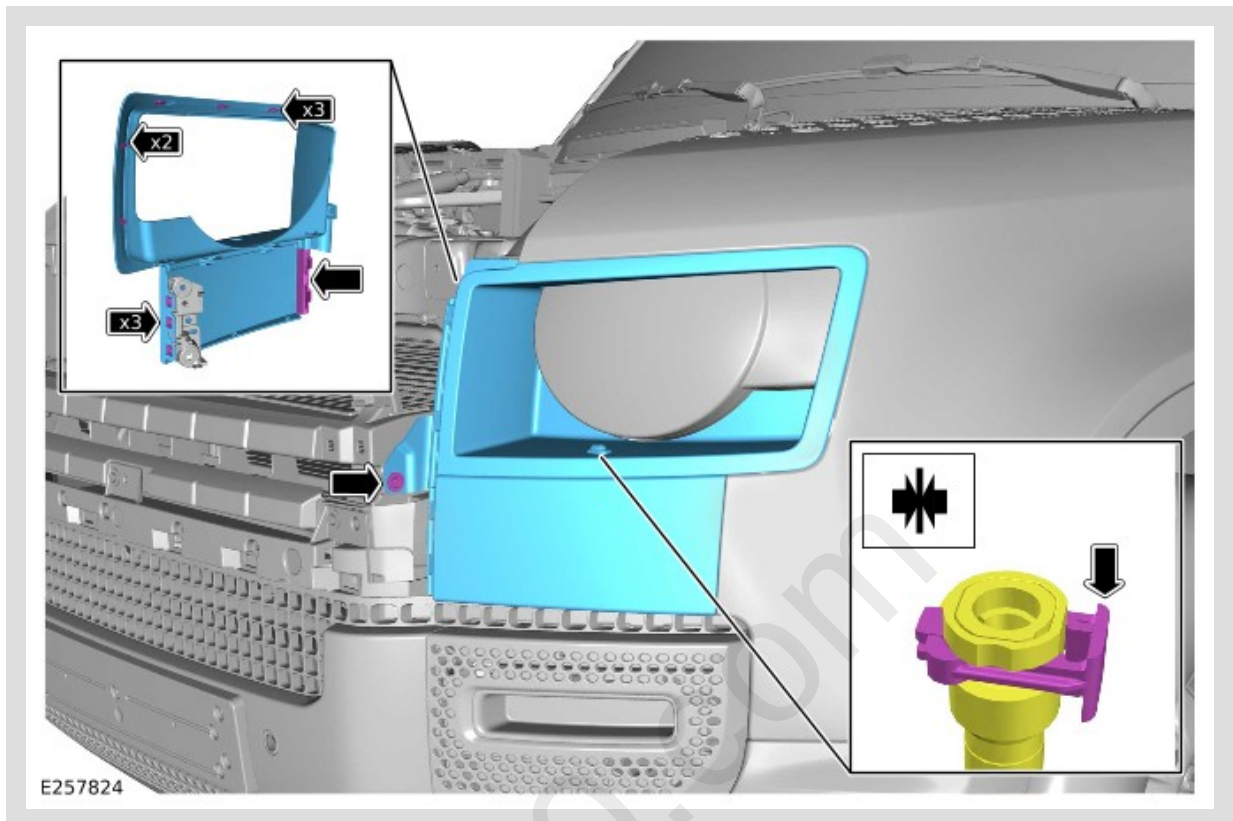


- Disconnect the 2 electrical connectors.
- Release the 2 wiring harness clips.

10.

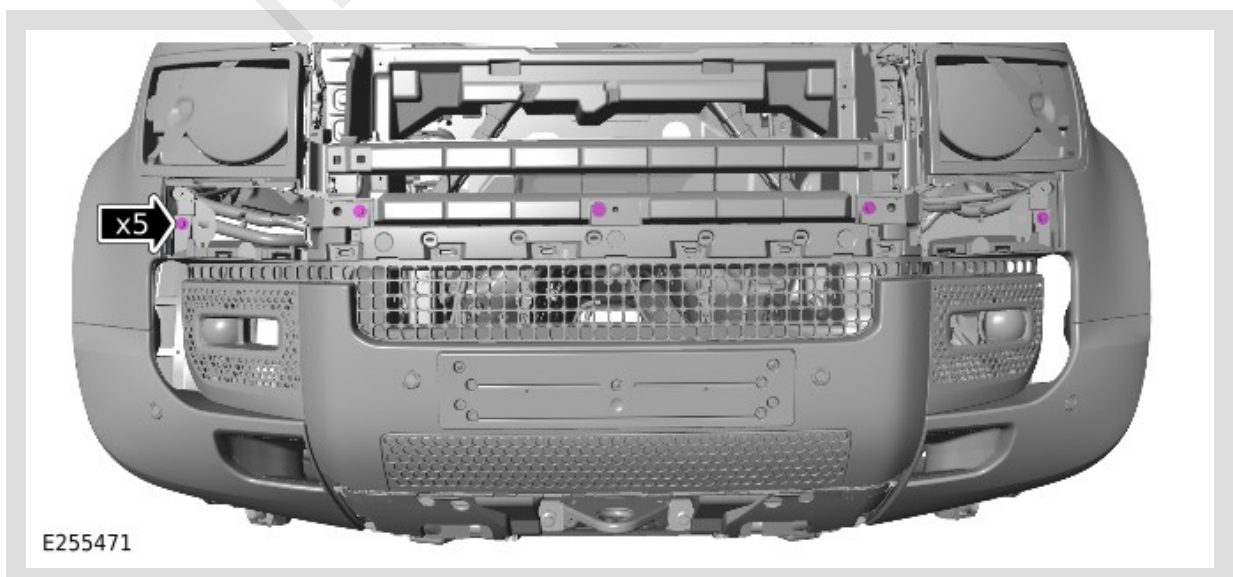
 NOTE:

Repeat this step for the other side.



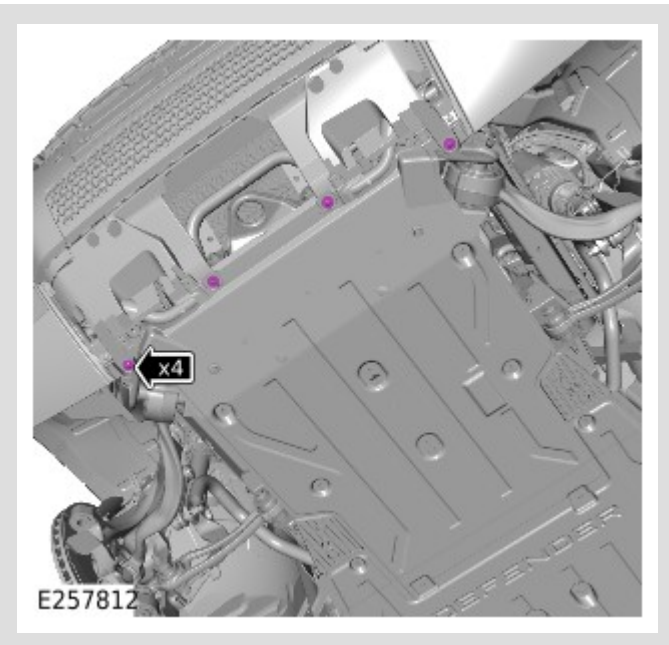
- Remove the bolt.
- Release the 9 clips.
- Disconnect the headlamp washer jet hose.
- Remove the headlamp finisher assembly.

11.



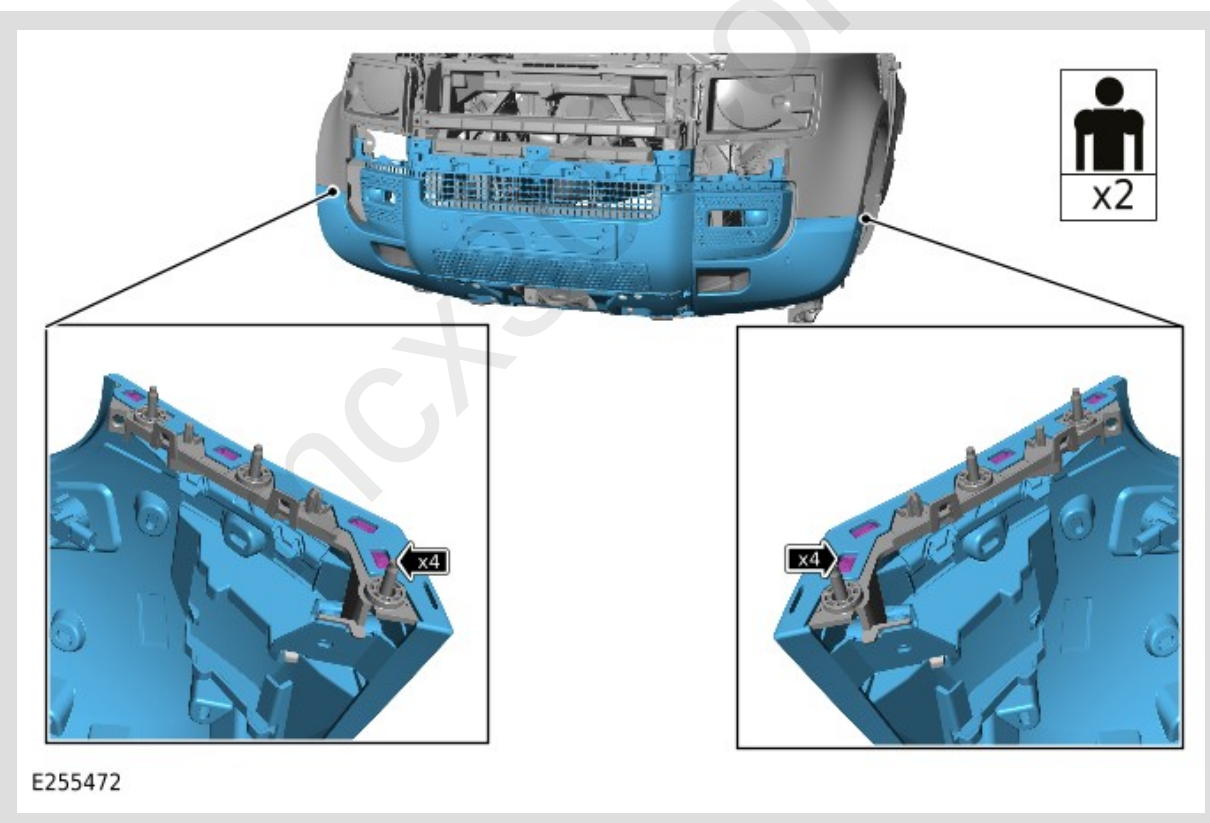
Remove the 5 bolts from the front bumper upper section.

12.



Remove the lower 4 clips from the front bumper.

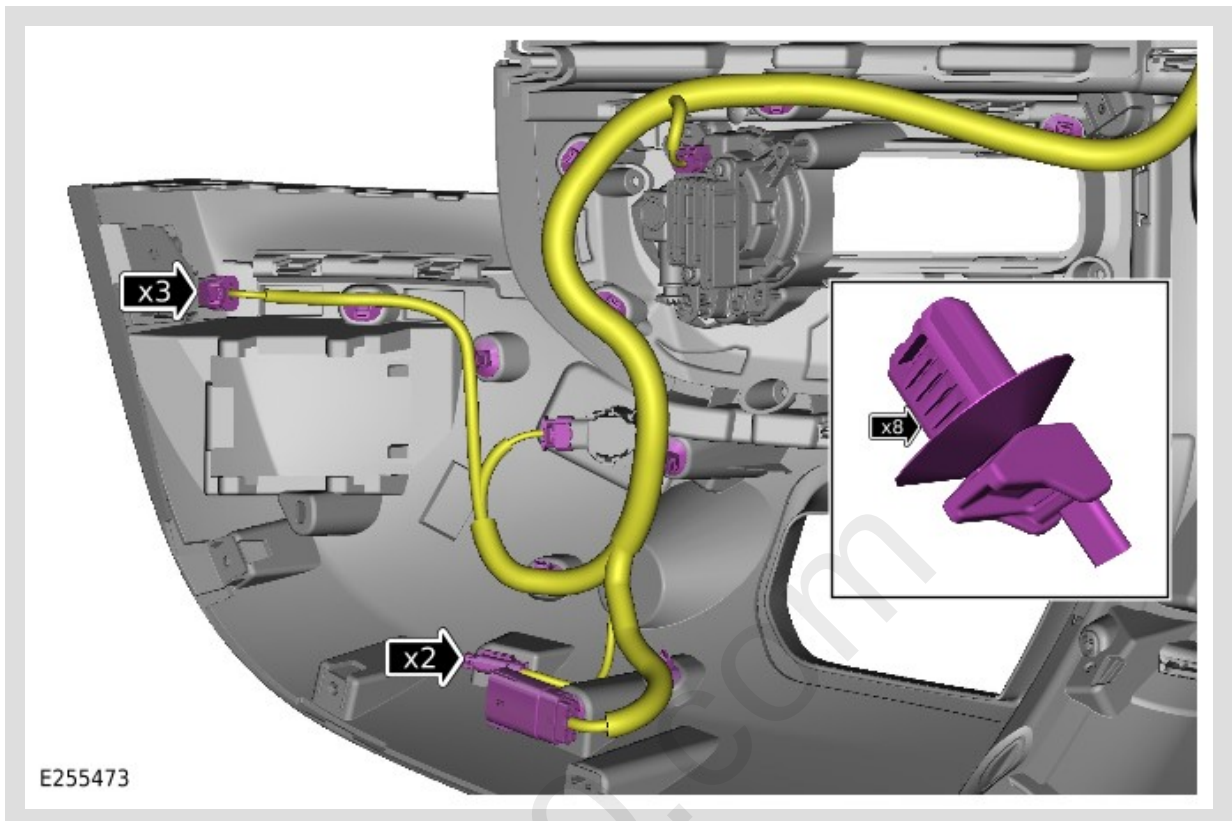
13.



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

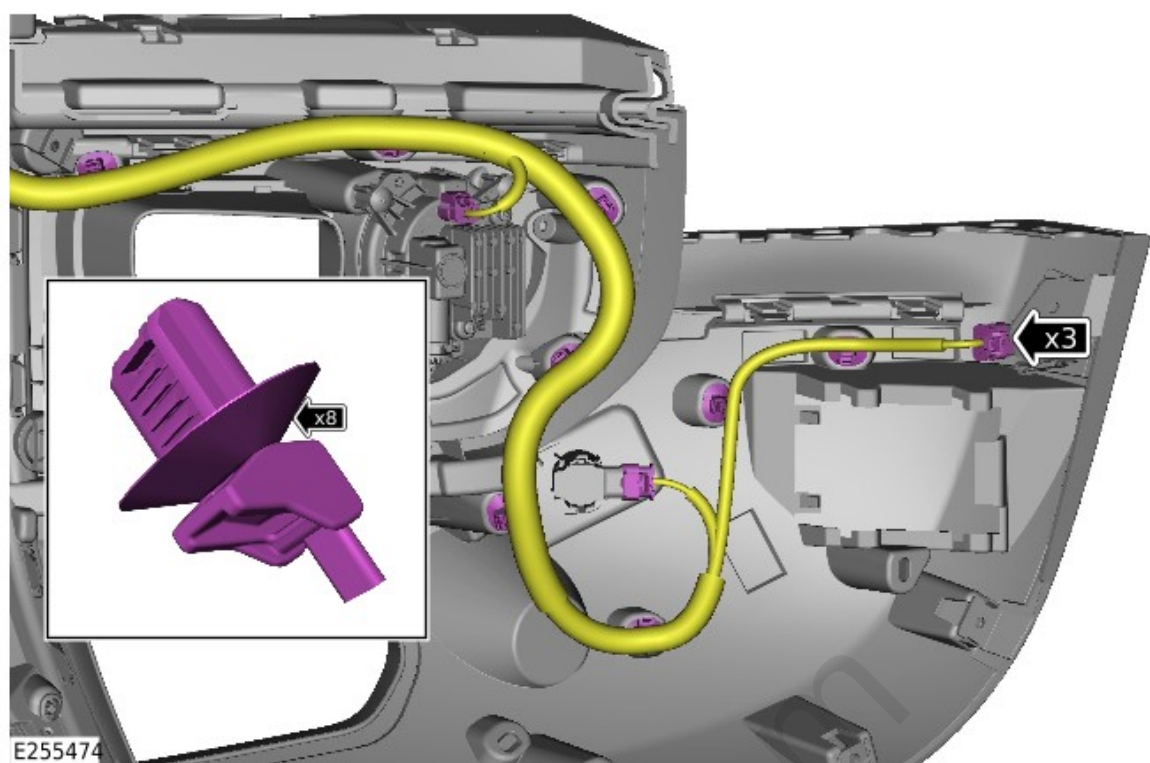
 NOTE:

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



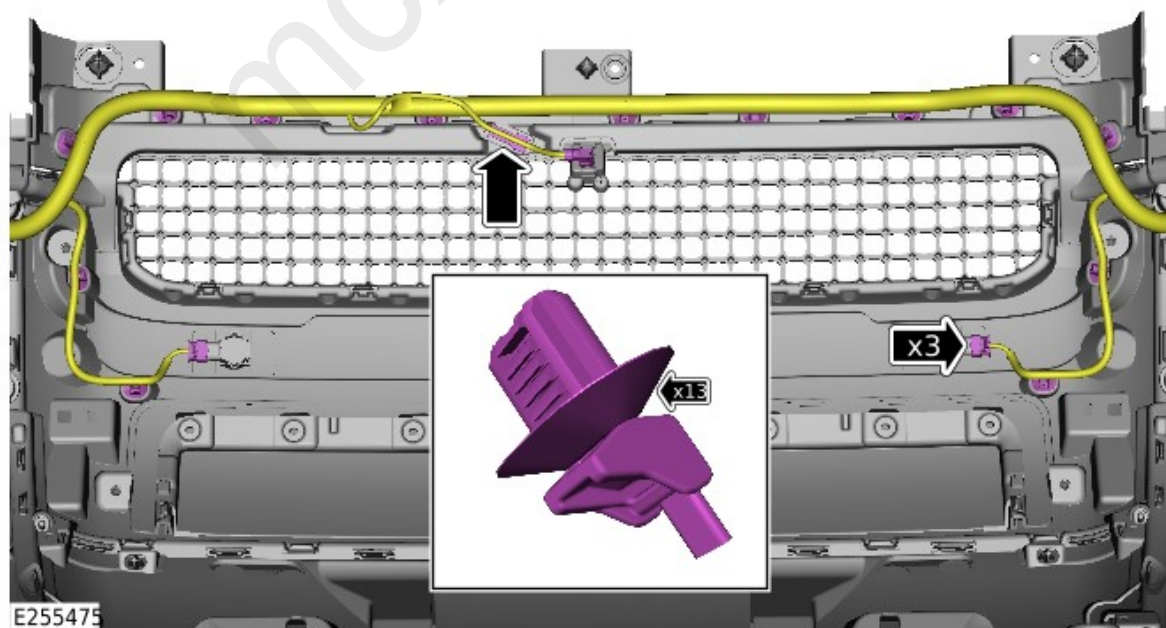
- Disconnect the 3 electrical connectors.
- Release the 8 wiring harness clips.
- Release the 2 electrical connectors from front bumper.

15.



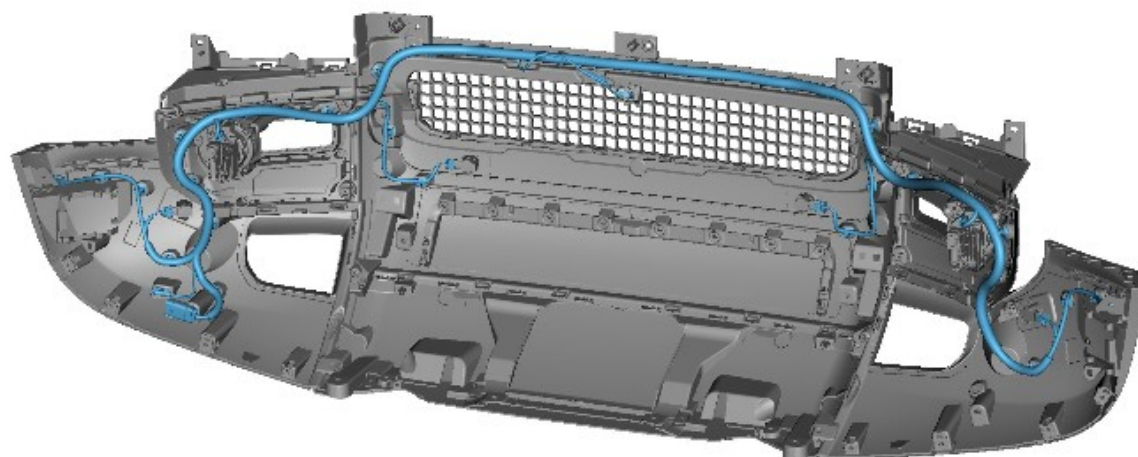
- Disconnect the 3 electrical connectors.
- Release the 8 wiring harness clips.

16.



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

17.



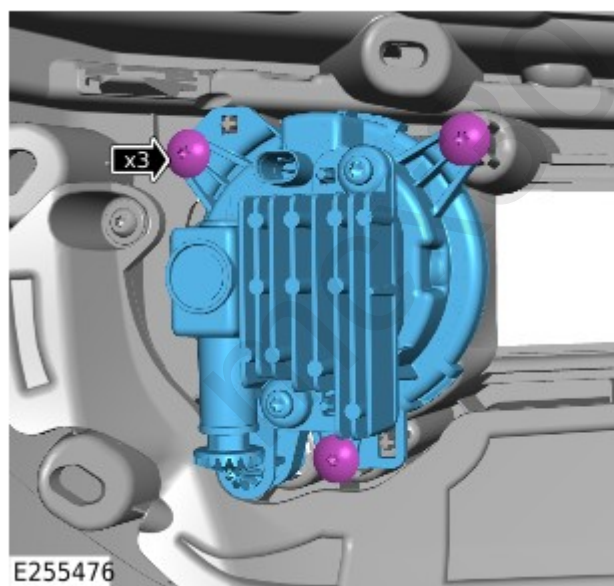
E255908

Remove the front bumper wiring harness.

18.

△ NOTE:

Repeat the step for the other side.

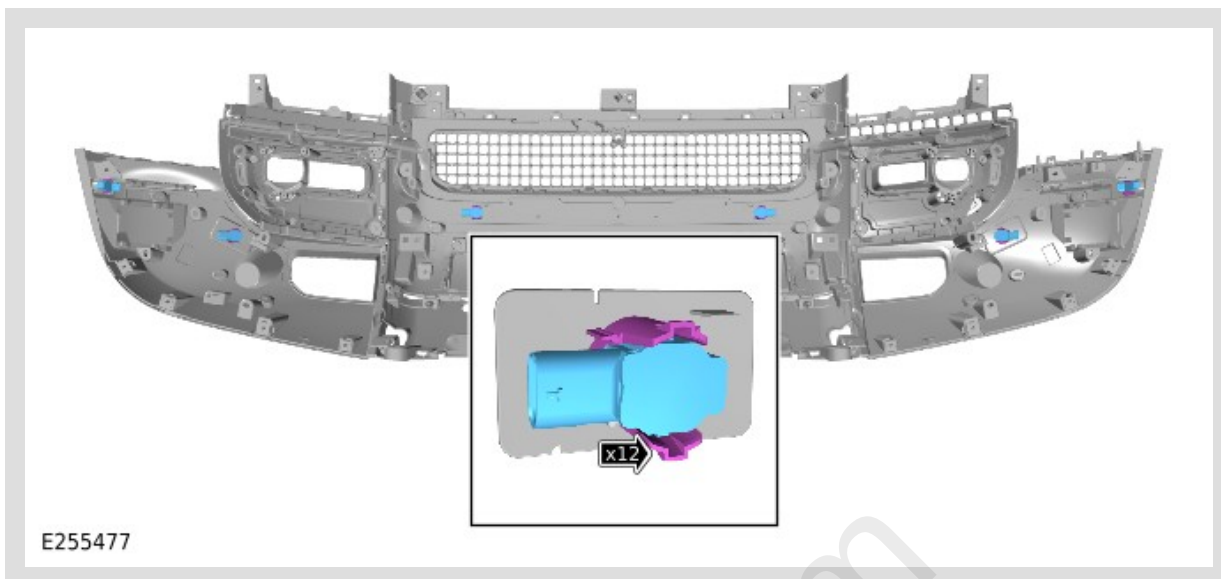


E255476

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

 NOTE:

Take extra care when releasing the clips.



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

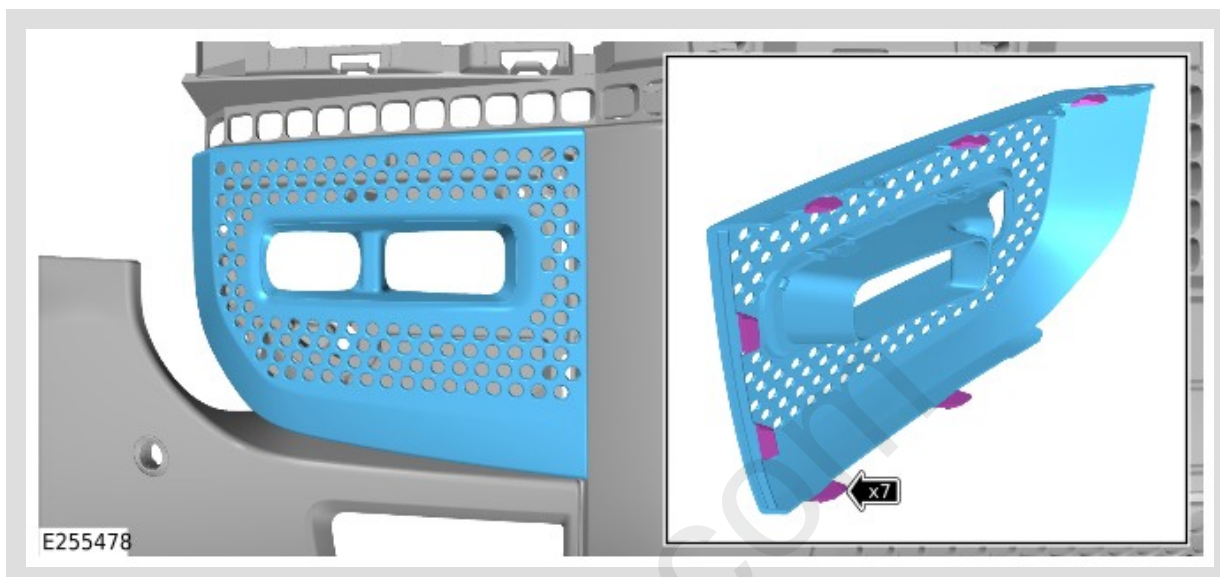
20.

⚠ CAUTION:

Take extra care not to damage the clips.

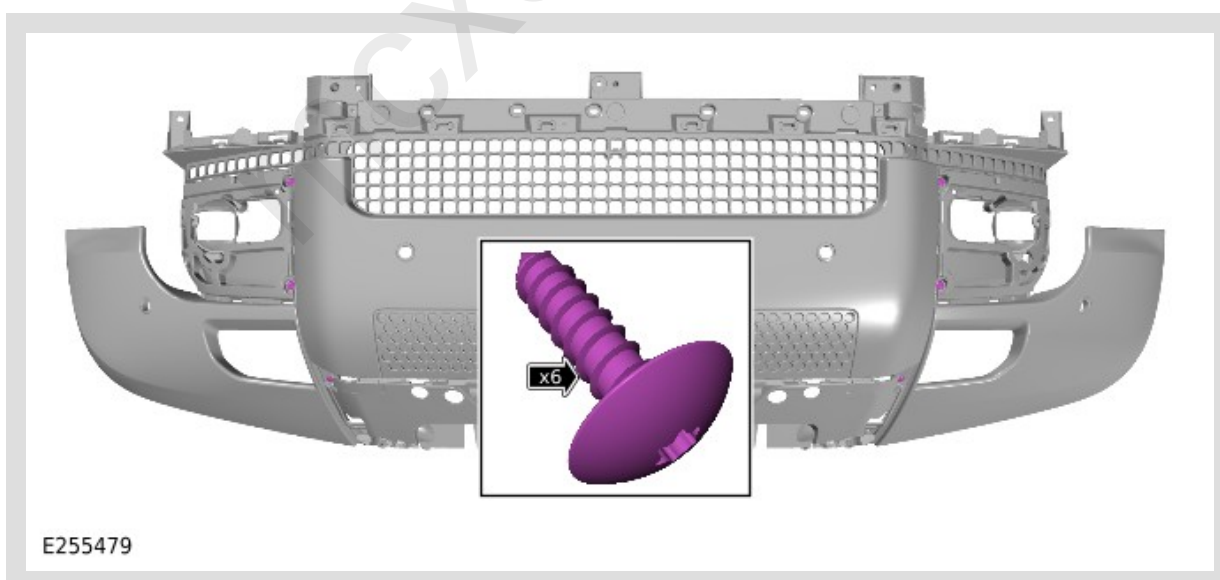
△ NOTE:

Repeat this step for the other side.



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

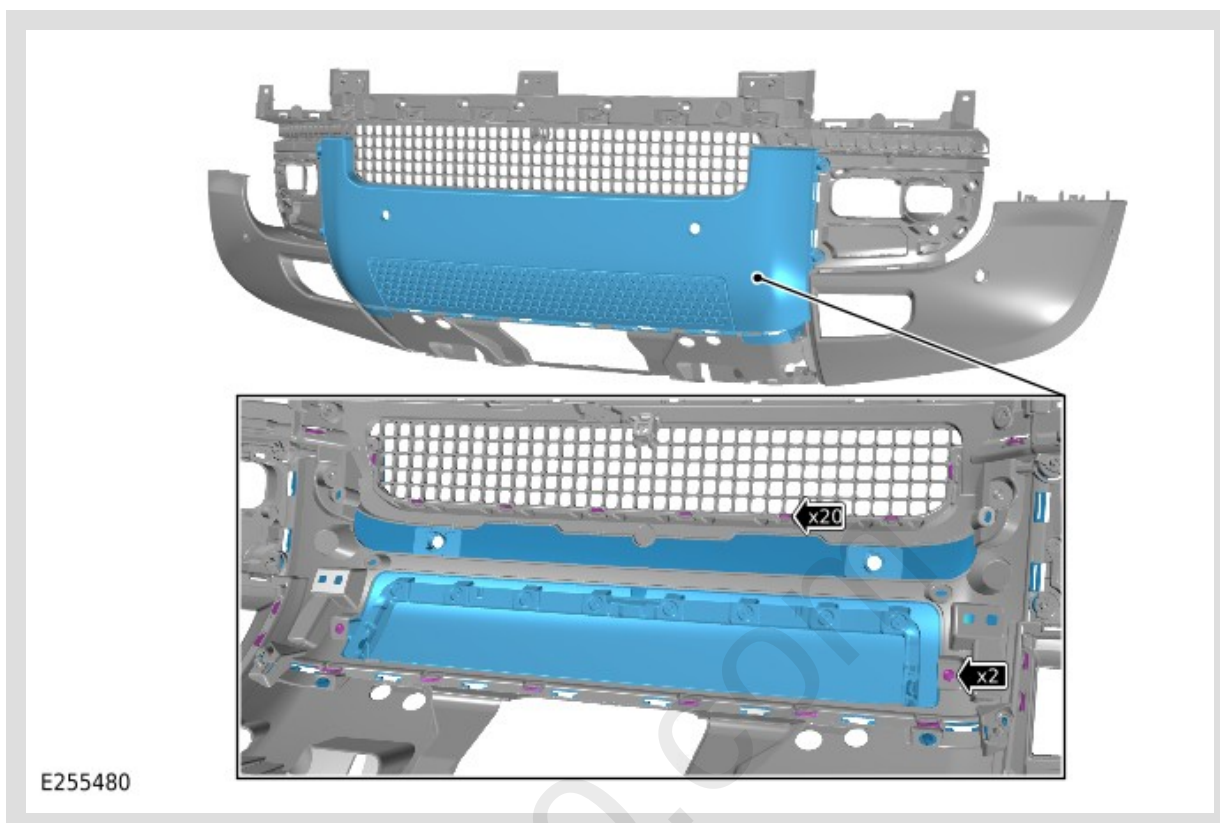
21.



Remove the 6 screws.

ⓘ CAUTION:

Take extra care not to damage the clips.

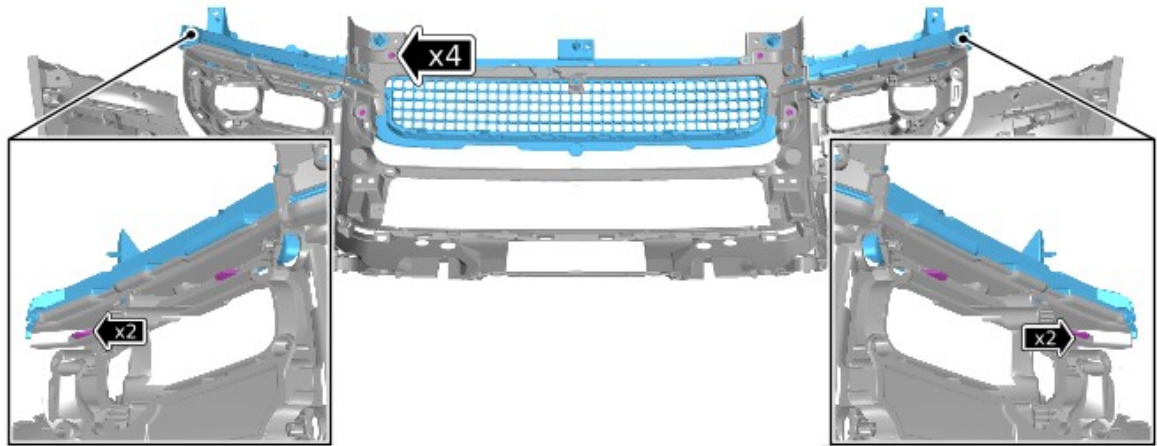


- Remove the 2 screws.
- Release the 20 clips.
- Remove the front bumper protector.

23.

⚠ CAUTION:

Take extra care not to damage the clips.



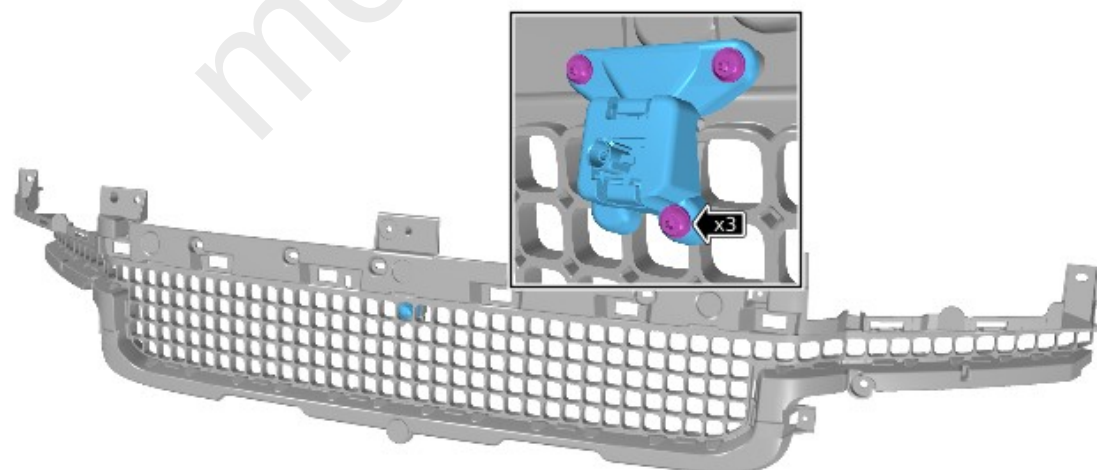
E255481

- 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).

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