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2020.0 DEFENDER (LE), 412-01

CLIMATE CONTROL

AIR CONDITIONING CONDENSER – INGENIUM I6 3.0L PETROL (G2416431)

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REMOVAL

 CAUTION:

Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all components must be sealed.

 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).

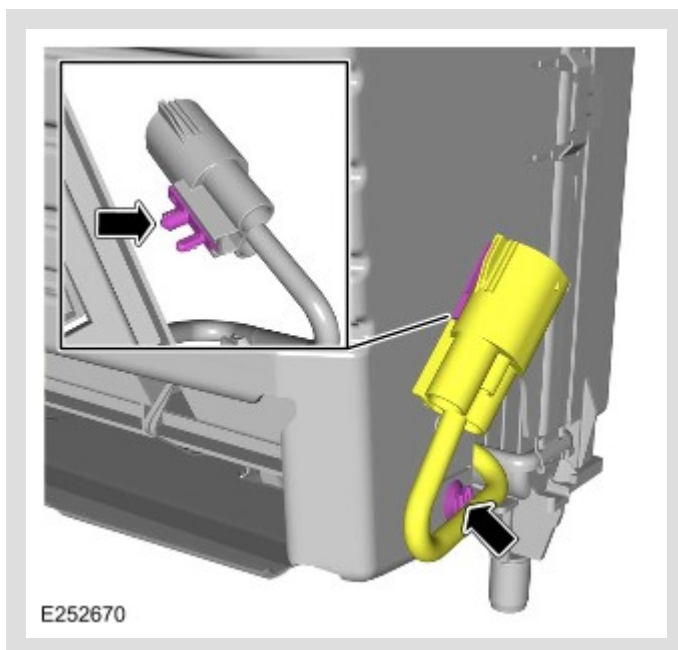
2. Raise and support the vehicle on a suitable 2-post lift.

Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

3. Remove the cooling module.

Refer to: [Cooling Module](#) (303-03C Engine Cooling - INGENIUM I6 3.0L Petrol, Removal and Installation).

4.

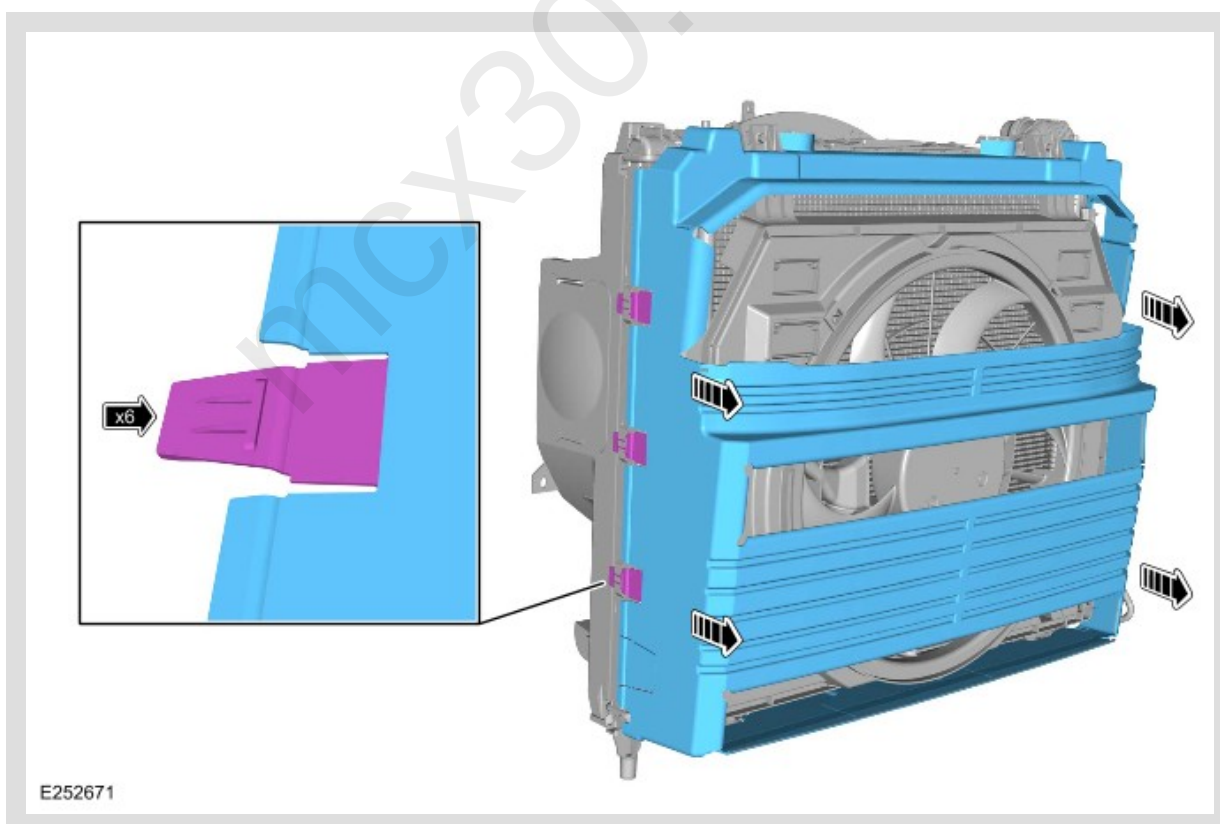


Release the 2 wiring harness clips from the radiator air deflector.

5.

⚠ CAUTION:

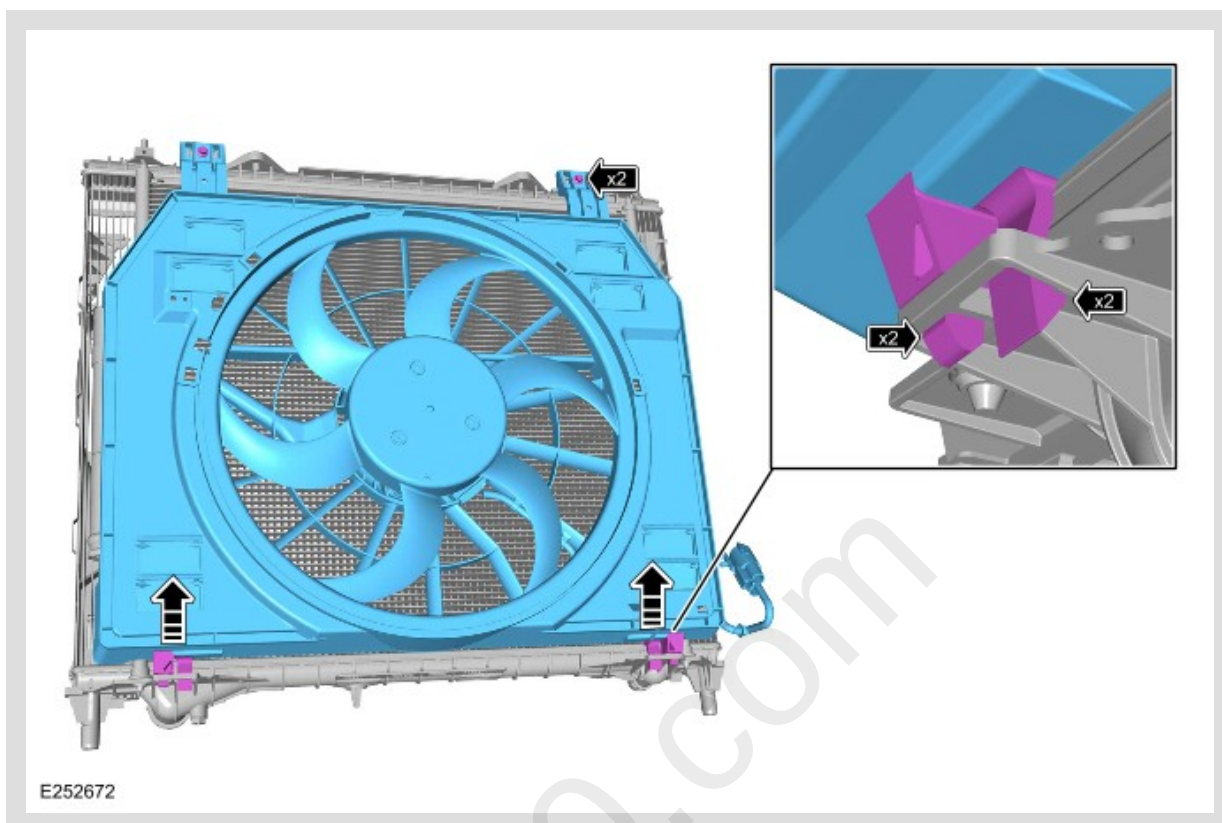
Take extra care not to damage the component.



Remove the radiator air deflector at the 6 clips.

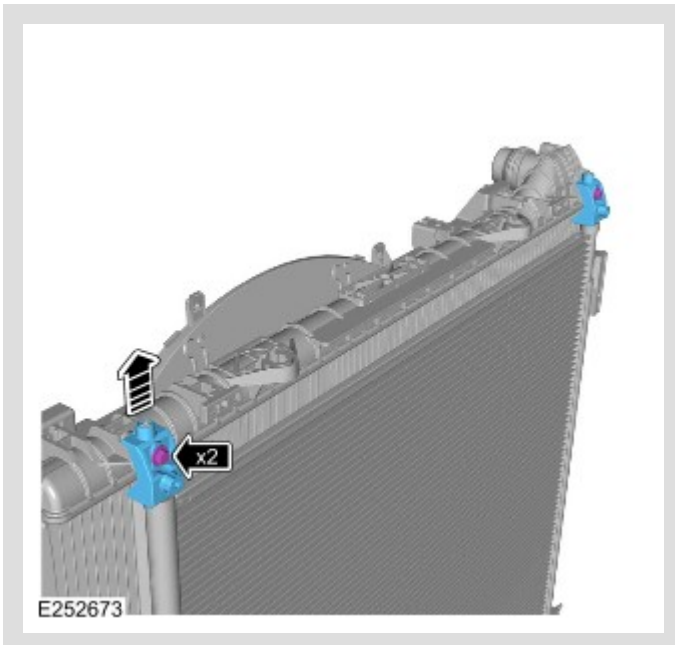
⚠ CAUTION:

Take extra care not to damage the component.



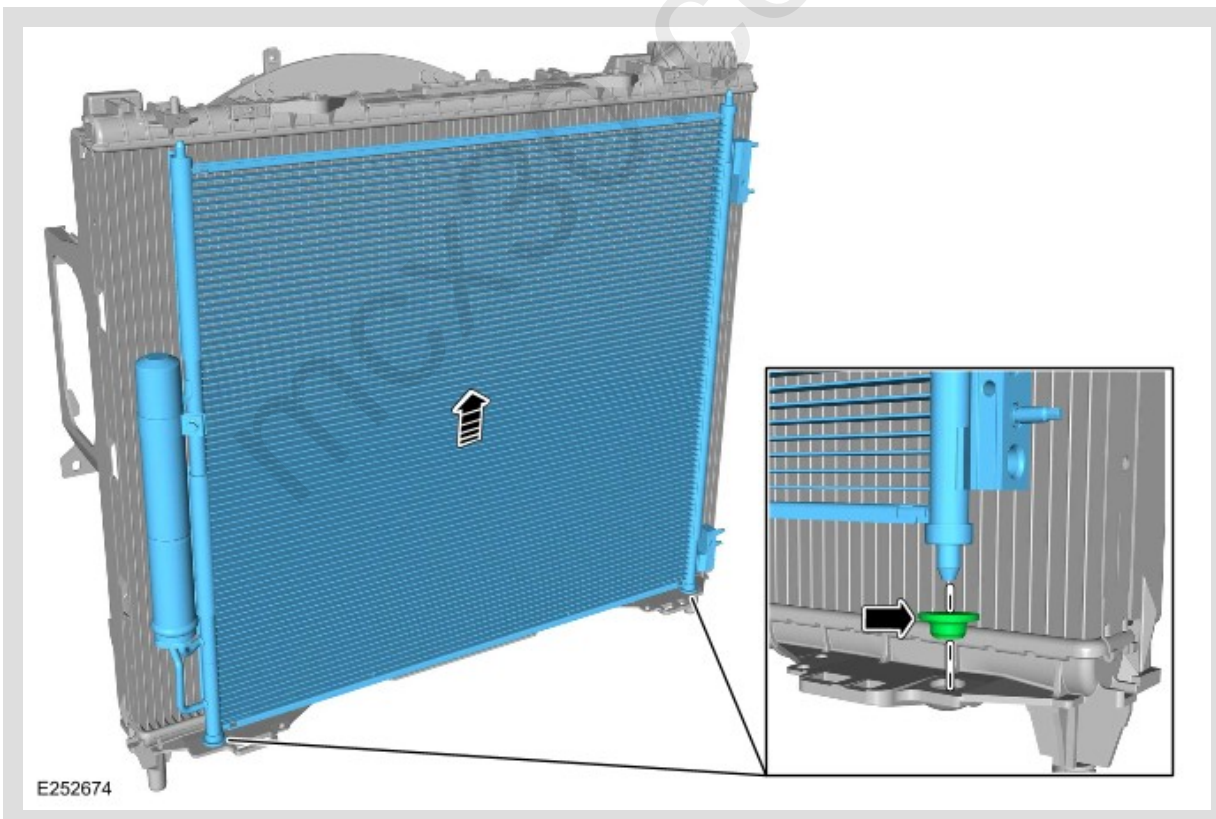
- Remove the 2 bolts.
- Carefully release the 2 clips.
- Remove the front electric cooling fan.

7.



- Remove the 2 bolts.
- Remove the 2 upper mounting brackets from the Air Conditioning (A/C) condenser.

8.



- Remove the A/C condenser.
- Remove the 2 bushes.

INSTALLATION

1.

- Install the 2 bushes to the radiator.
- Install the Air Conditioning (A/C) condenser.
- Install the 2 upper mounting brackets to the A/C condenser.
- Install and tighten the 2 bolts.

Torque: 4.5Nm

2.

- Install the front electric cooling fan at the 2 clips.
- Install and tighten the 2 bolts.

Torque: 7Nm

3.

CAUTION:

Take extra care not to damage the component.

Install the radiator air deflector at the 6 clips.

4.

Secure the wiring harness to the radiator air deflector at the 2 clips.

5.

Install the cooling module.

Refer to: [Cooling Module](#) (303-03C Engine Cooling - INGENIUM I6 3.0L Petrol, Removal and Installation).

6.

Connect the startup battery ground cable.

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