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2020.0 DEFENDER (LE), 311-03

AUTOMATIC TRANSMISSION COOLING

TRANSMISSION FLUID COOLER - INGENIUM I6 3.0L PETROL (G2402212)

mcx30.com

REMOVAL

 CAUTION:

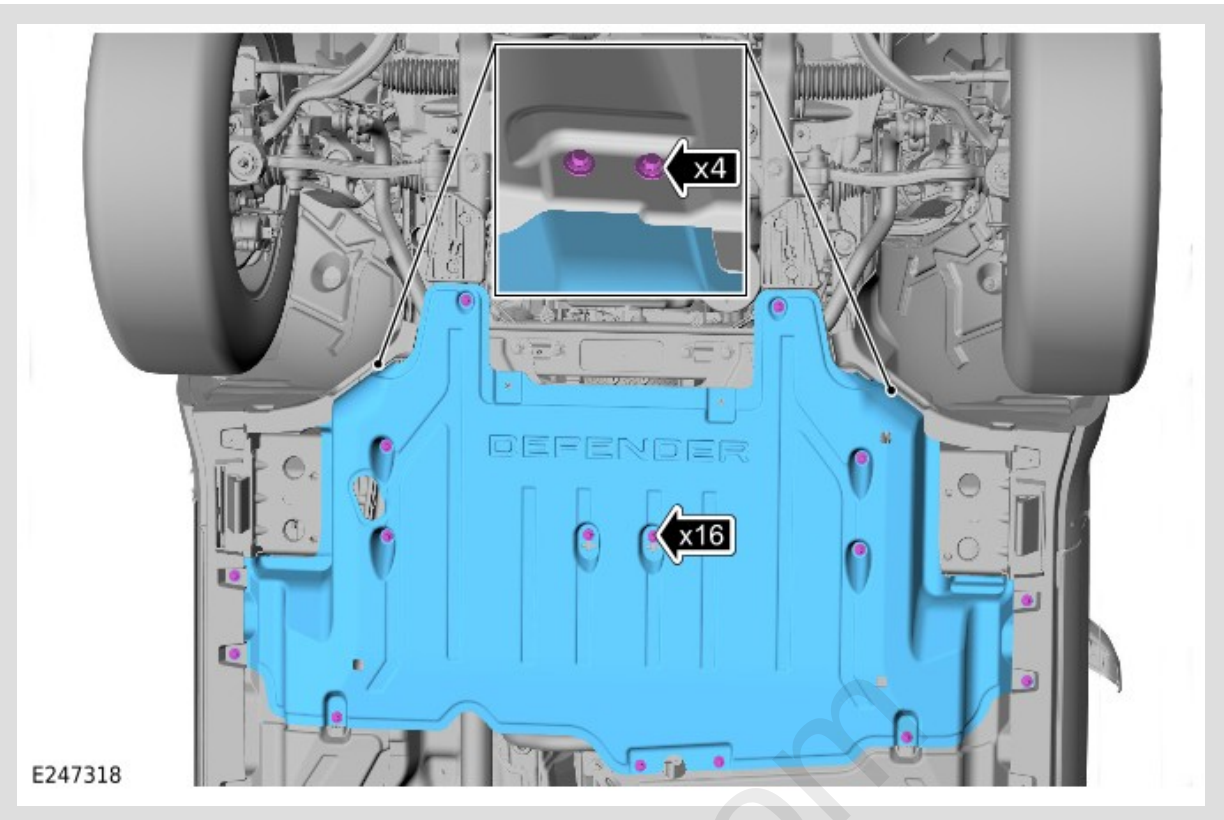
- Be prepared to collect escaping fluids.
- Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all openings must be sealed.

 NOTE:

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

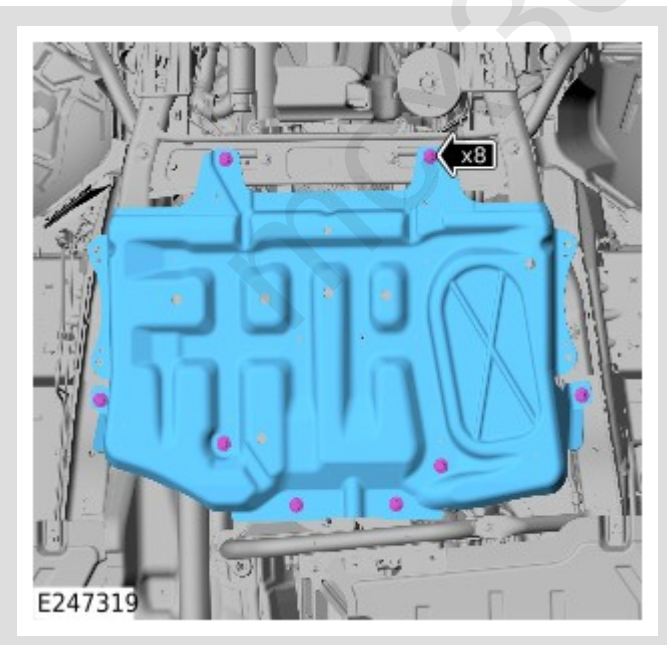
1. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. Remove the engine undershield.
Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

3.



- Remove the 20 bolts.
- Remove the transmission undershield.

4.

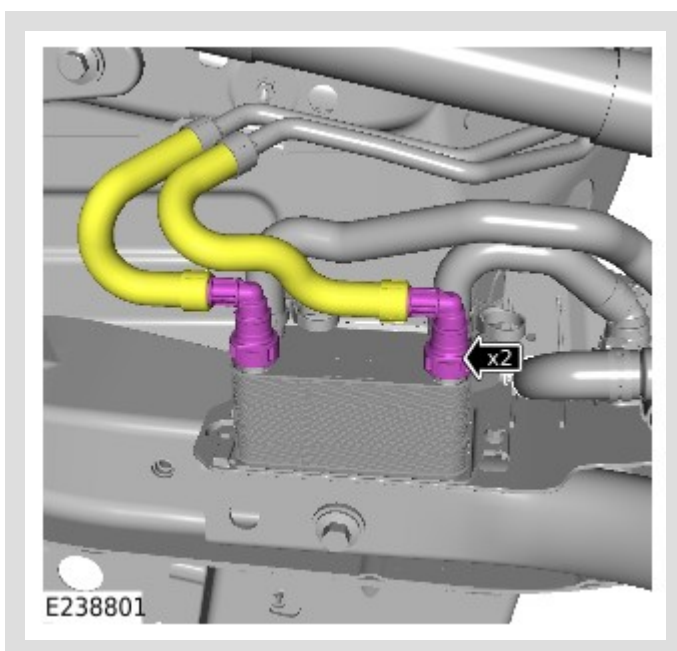


- Remove the 8 bolts.
- Remove the transmission undershield.

5. Partially drain the cooling system.

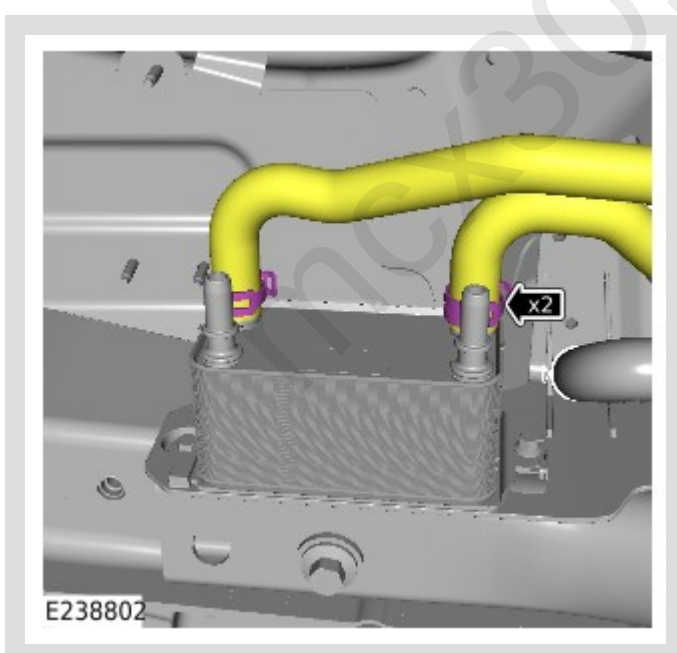
Refer to: [Cooling System Partial Draining and Vacuum Filling](#) (303-03C Engine Cooling - INGENIUM I6 3.0 L Petrol, General Procedures).

- 6.

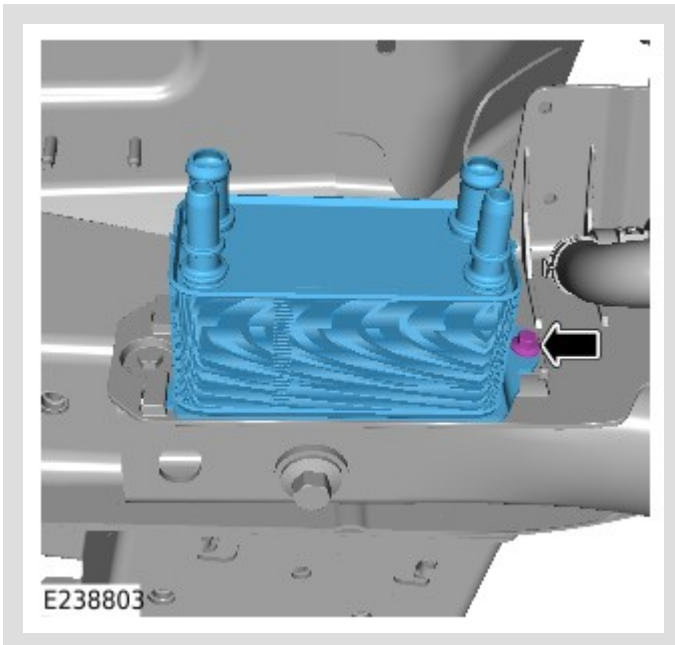


Disconnect the 2 transmission fluid cooler pipes.

- 7.



Disconnect the 2 coolant hoses.



- Remove the bolt.
- Remove the transmission fluid cooler.

INSTALLATION

1.

- Install the transmission fluid cooler.
- Install and tighten the bolt.

Torque: 10Nm

2.

Install the 2 coolant hoses.

3.

Install the 2 transmission fluid cooler pipes.

4.

Carry out a transmission fluid level check.

Refer to: [Transmission Fluid Level Check](#) (311-01 Automatic Transmission, General Procedures).

5.

Fill the cooling system.

Refer to: [Cooling System Partial Draining and Vacuum Filling](#) (303-03C Engine Cooling - INGENIUM I6 3.0 L Petrol, General Procedures).

6.

- Install the transmission undershield.
- Install and tighten the 8 bolts.

Torque: 20Nm

7.

- Install the transmission undershield.
- Install and tighten the 20 bolts.

Torque: 10Nm

8.

Install the engine undershield.

Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).