

PUBLISHED: 08-JUL-2020
2020.0 DEFENDER (LE), 303-03C

ENGINE COOLING – INGENIUM I6 3.0L PETROL

COOLANT PUMP (G2300894)

REMOVAL AND INSTALLATION

26.50.01	COOLANT PUMP – RENEW	2000 CC, INGENIUM DIESEL	1.20	USED WITHINS	
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PART(S)

STEP	PART NAME	QUANTITY
Installation Step 1	Engine coolant pump O-ring seal	1
Installation Step 1	Coolant pump bolts	3

REMOVAL

⚠ CAUTION:

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 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).

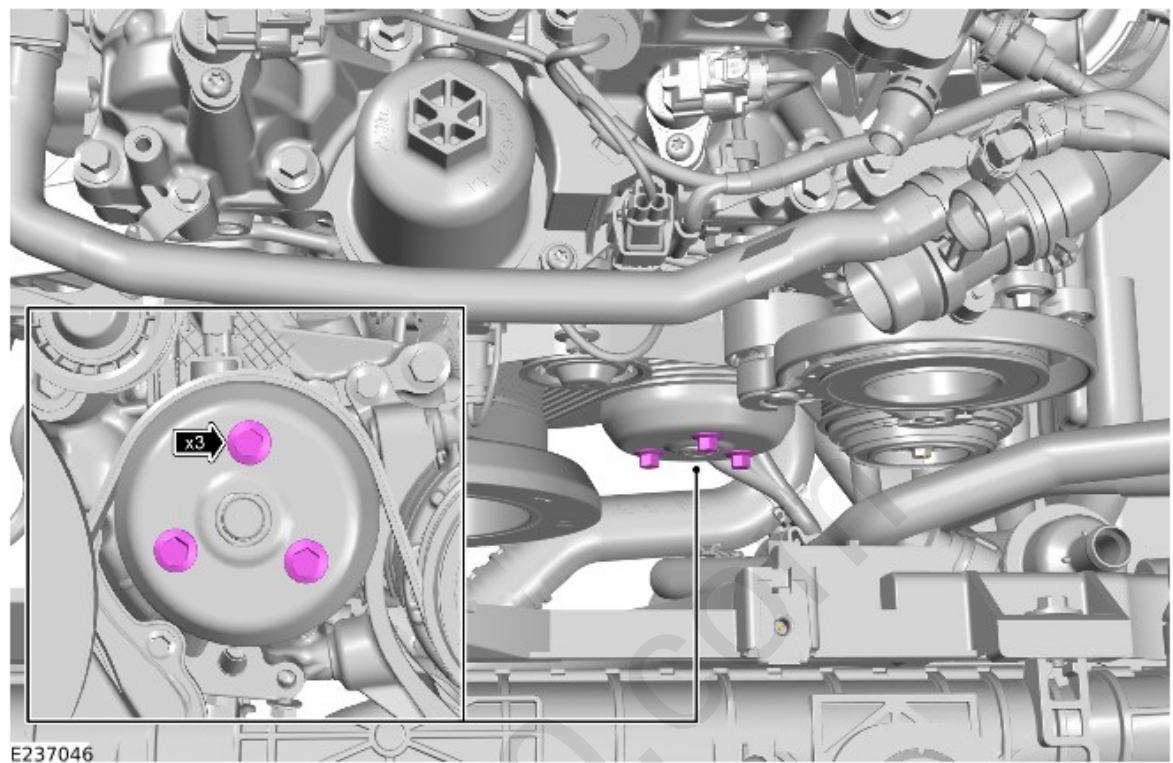
2. Raise and support the vehicle on a suitable 2-post lift.

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

3. Partially drain the engine cooling system.

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

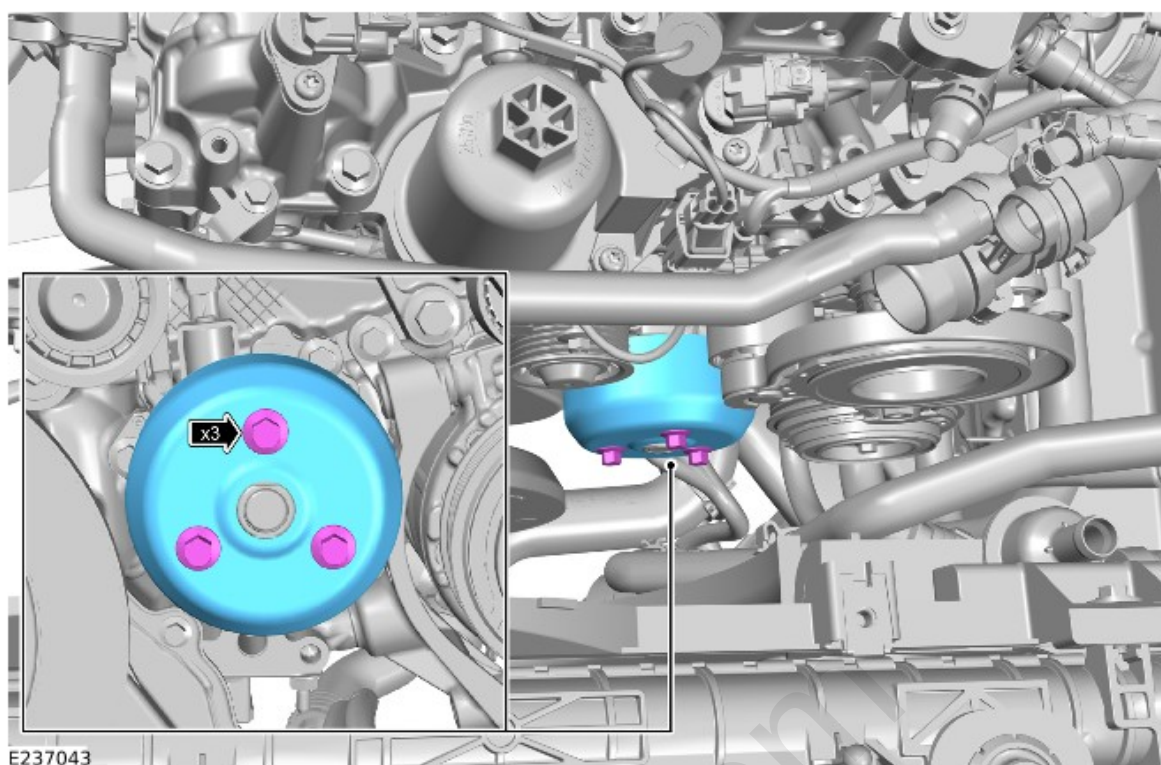
- 4.



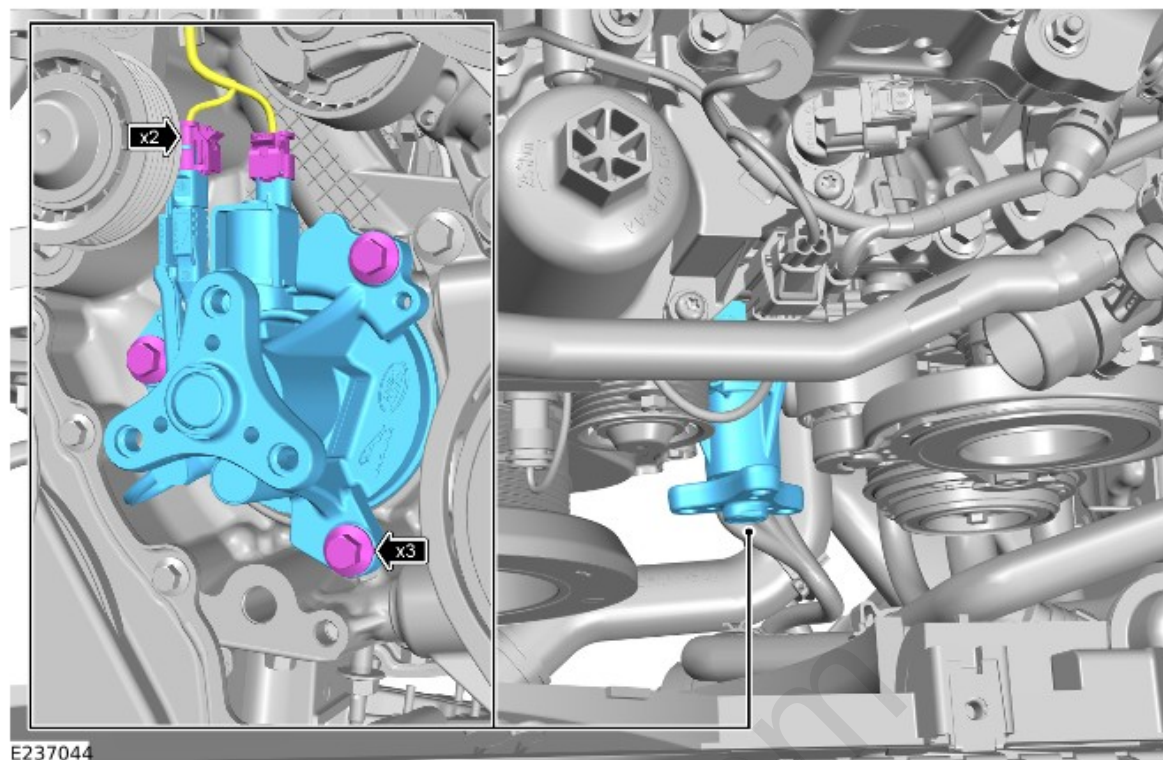
Loosen, but do not fully remove the 3 bolts.

5. Remove the accessory drive belt.

Refer to: [Accessory Drive Belt](#) (303-05C Accessory Drive - INGENIUM I6 3.0L Petrol, Removal and Installation).



- Remove the 3 bolts.
- Remove the coolant pump pulley.



- Disconnect the 2 electrical connectors.
- Remove and discard the 3 bolts.
- Remove the coolant pump.
- Remove and discard the O-ring seal.

INSTALLATION

1.

- Install the new O-ring seal.

Renew Part: [Engine coolant pump O-ring seal](#) *Quantity:* 1.

- Install the coolant pump.
- Install and tighten the 3 new bolts.
Renew Part: [Coolant pump bolts](#) *Quantity:* 3.
Torque: **25Nm**
- Connect the 2 electrical connectors.

2.

- Install the coolant pump pulley.
- Install the 3 bolts finger tight at this stage.

3.

Install the accessory drive belt.

Refer to: [Accessory Drive Belt](#) (303-05C Accessory Drive - INGENIUM I6 3.0L Petrol, Removal and Installation).

4.

Tighten the coolant pump pulley bolts.

Torque: **25Nm**

5.

Fill the engine cooling system with the correct amount of coolant fluid.

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

6.

Connect the startup battery ground cable.

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