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2020.0 DEFENDER (LE), 303-01C

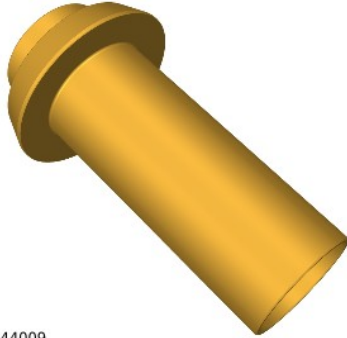
ENGINE – INGENIUM I6 3.0L PETROL

ENGINE FRONT COVER (G2327455)

mcx30.com

REMOVAL AND INSTALLATION

SPECIAL TOOL(S)



E244009

JLR-303-1672

Front Cover Alignment Tool

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 2	Engine front cover	1

REMOVAL

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.

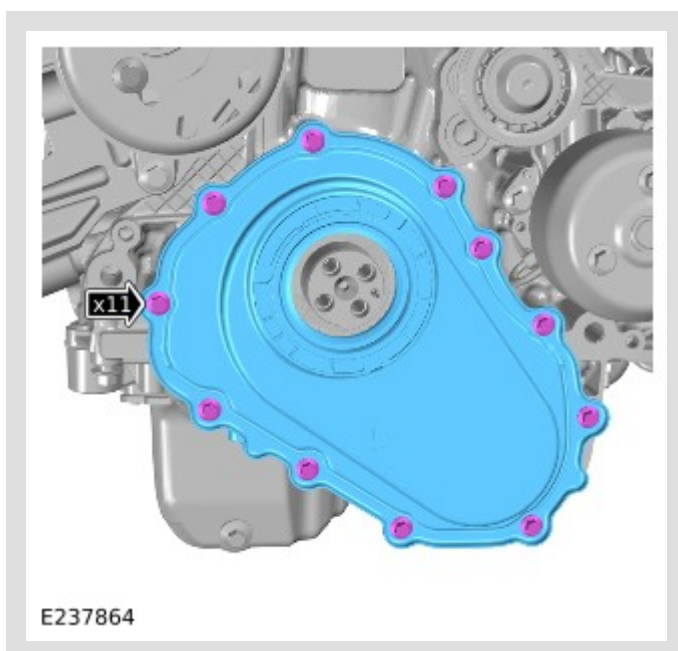
1. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

2. Disconnect the startup battery ground cable.
Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

3. Remove the crankshaft pulley.

Refer to: [Crankshaft Pulley](#) (303-01C Engine - INGENIUM I6 3.0L Petrol, Removal and Installation).

- 4.

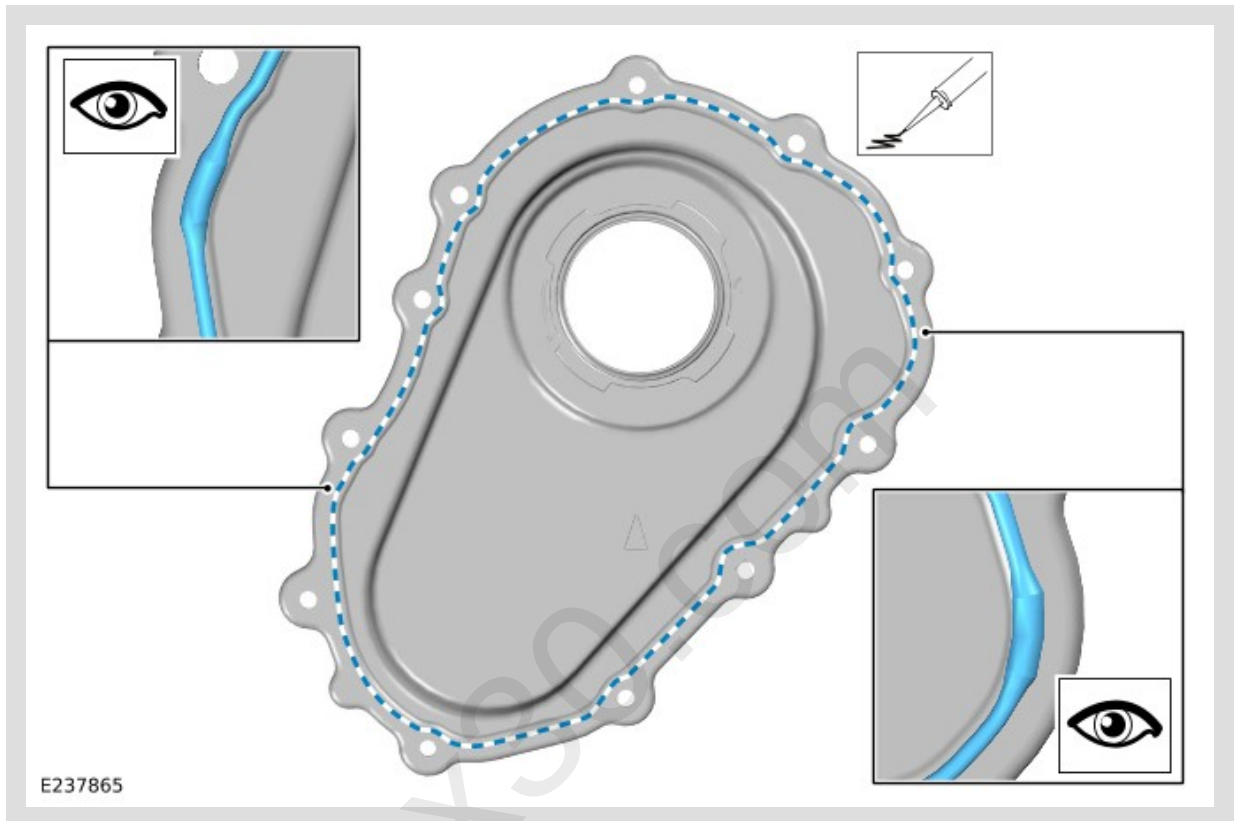


- Remove the 11 bolts.
- Remove and discard the engine front cover.

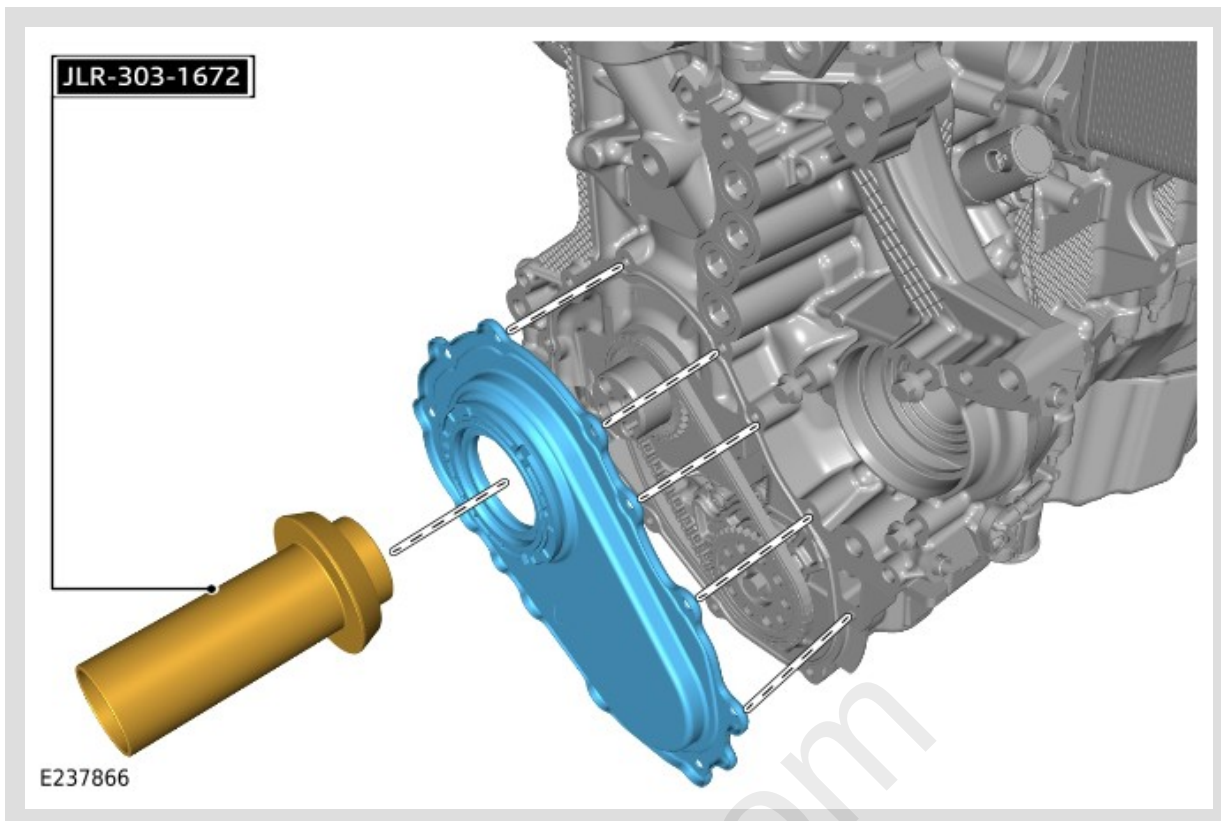
1.

⚠ CAUTION:

Make sure that the mating faces are clean and free of foreign material.



- Apply a 3 mm diameter bead of sealant, to the area shown.
Refer to: [Specifications](#) (303-01C Engine - INGENIUM I6 3.0L Petrol, Specifications).
- Thicker sealant bead width is required where the cylinder block mates with the oil pan as illustrated.

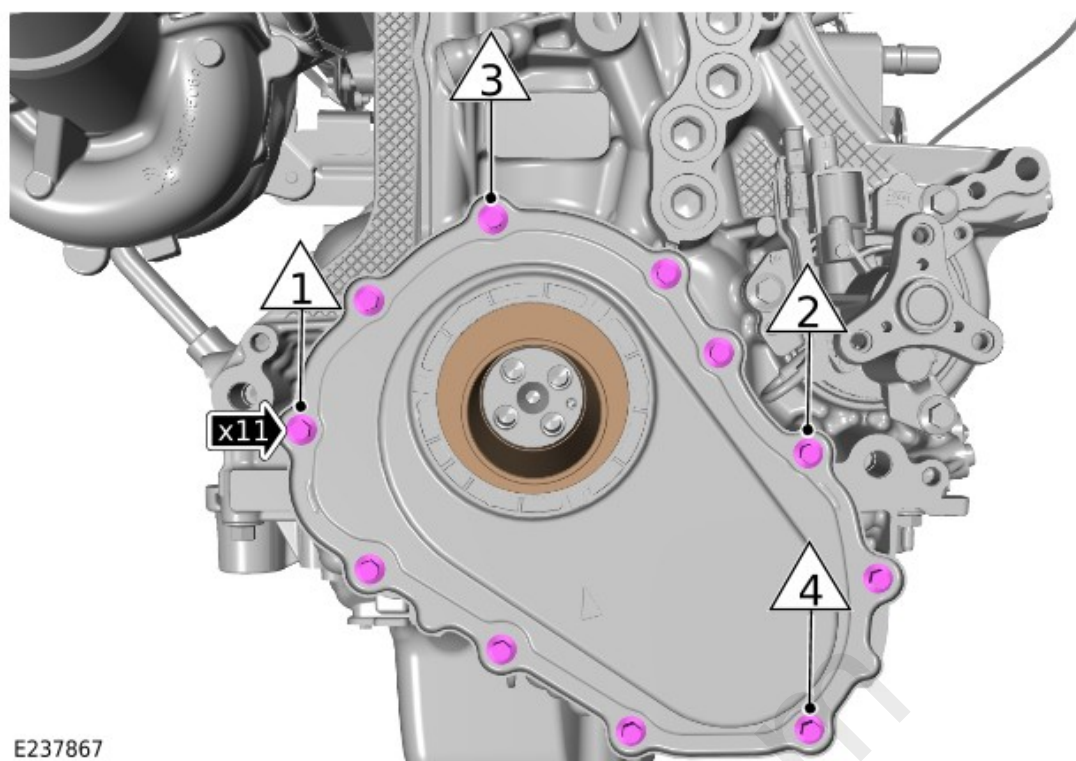


- Install the special tool as illustrated.

Special Tool(s): [JLR-303-1672](#)

- Install the new engine front cover.

Renew Part: [Engine front cover](#) Quantity: 1.



- Install and tighten the 4 bolts as illustrated.
Torque: 12Nm
- Install and tighten the remaining bolts in a diagonal sequence.
Torque: 12Nm

4. Remove the special tool.
Special Tool(s): [JLR-303-1672](#)

5. Install the crankshaft pulley.
Refer to: [Crankshaft Pulley](#) (303-01C Engine - 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).