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2020.0 DEFENDER (LE), 303-01C

ENGINE – INGENIUM I6 3.0L PETROL

CRANKSHAFT FRONT SEAL (G2344456)

REMOVAL AND INSTALLATION

12.21.14	CRANKSHAFT FRONT OIL SEAL – RENEW	2000 CC, INGENIUM DIESEL	1.60	USED WITHINS	
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SPECIAL TOOL(S)



PART(S)

STEP	PART NAME	QUANTITY
Installation Step 1	Crankshaft front oil seal	1

REMOVAL

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).

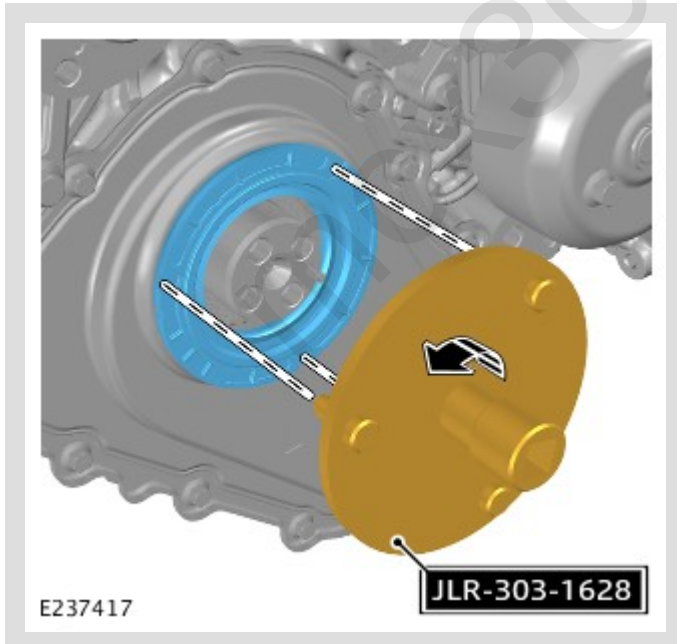
2. Disconnect the startup battery ground cable.

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.



- Use the special tool to remove the crankshaft front seal.
Special Tool(s): [JLR-303-1628](#)
- Discard the crankshaft front seal.

INSTALLATION

1.

⚠ CAUTIONS:

- Make sure that the area around the component is clean and free of foreign material.
- Take extra care not to damage the seal.

Use the special tool to install the new crankshaft front seal.

Special Tool(s): [JLR-303-1628](#)

Renew Part: [Crankshaft front oil seal](#) *Quantity:* **1**.

Torque: **30Nm**

2.

Install the crankshaft pulley.

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

3.

Connect the startup battery ground cable.

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

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