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2020.0 DEFENDER (LE), 303-14B

ELECTRONIC ENGINE CONTROLS – INGENIUM I6 3.0L PETROL

PRE CATALYST HEATED OXYGEN SENSOR (G2344544)

REMOVAL AND INSTALLATION

17.50.42	SENSOR – HEATED OXYGEN (HO2S) – PRE CATALYST – RIGHT – RENEW	2000 CC, INGENIUM PETROL	0.10	USED WITHINS	
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SPECIAL TOOL(S)



E213446

JLR-303-1666

Remover/Installer, NOx/Oxygen Sensor

REMOVAL

WARNING:

Observe due care when working near a hot exhaust system.

 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. Remove the engine cover.

Refer to: [Engine Cover - INGENIUM I6 3.0L Petrol](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

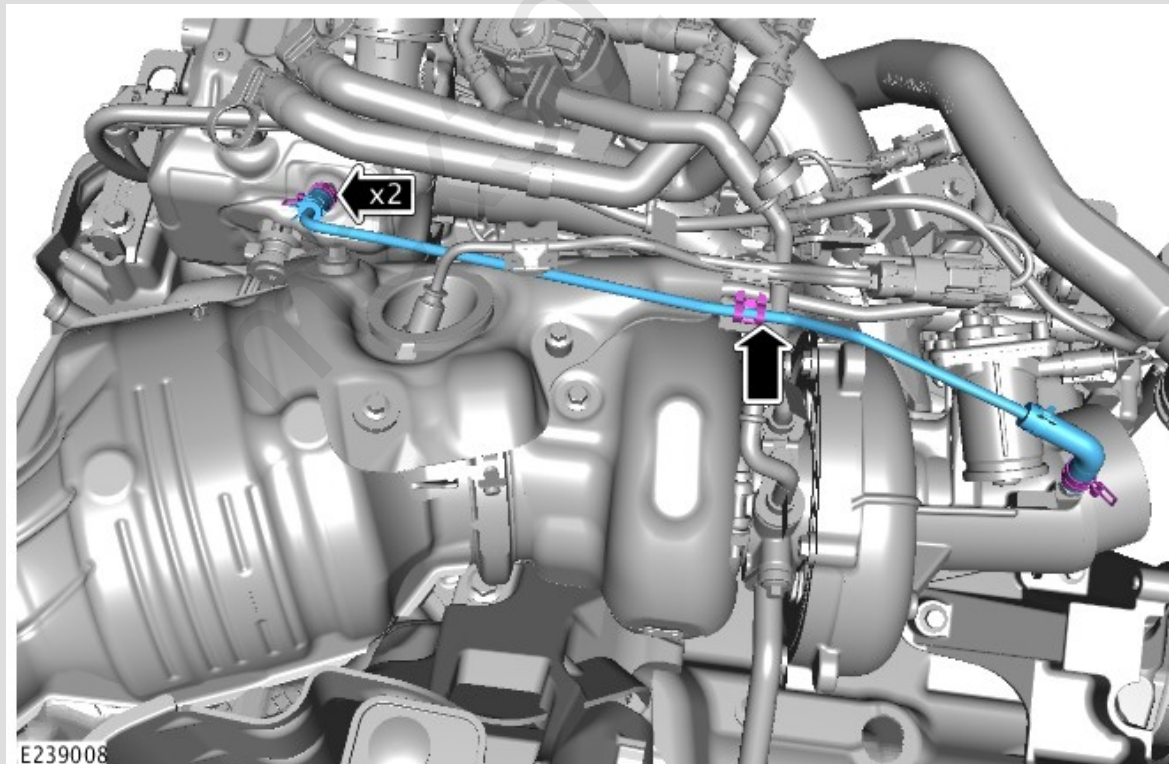
2. Remove the right air filter outlet pipe.

Refer to: [Air Filter Outlet Pipe](#) (303-12C Intake Air Distribution and Filtering - INGENIUM I6 3.0L Petrol, Removal and Installation).

3. Remove the right air filter housing.

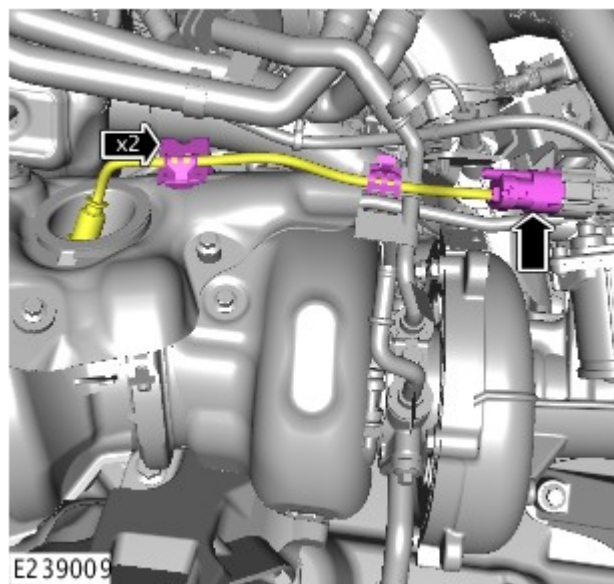
Refer to: [Air Filter Housing](#) (303-12C Intake Air Distribution and Filtering - INGENIUM I6 3.0L Petrol, Removal and Installation).

- 4.



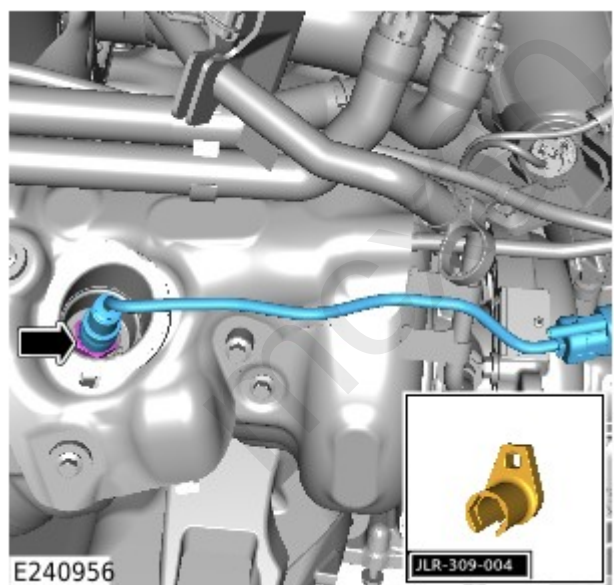
- Release the 2 clips.
- Release the pipe from the clip.
- Remove the pipe assembly.

5.



- Disconnect the electrical connector.
- Release the wiring harness from the 2 clips.

6.



Use the special tool to remove the pre catalyst heated oxygen sensor.

Special Tool(s): [JLR-303-1666](#)

INSTALLATION

1.

CAUTION:

- Make sure that the mating faces are clean and free of foreign material.
- If accidentally dropped or knocked install a new sensor.

Use the special tool to install and tighten the pre catalyst heated oxygen sensor.

Special Tool(s): [JLR-303-1666](#)

Torque: **48Nm**

2.

- Connect the electrical connector.
- Install the wiring harness into the 2 clips.

3.

- Install the pipe assembly.
- Install the 3 clips.

4.

Install the right air filter outlet pipe.

Refer to: [Air Filter Outlet Pipe](#) (303-12C Intake Air Distribution and Filtering - INGENIUM I6 3.0L Petrol, Removal and Installation).

5.

Install the right air filter housing.

Refer to: [Air Filter Housing](#) (303-12C Intake Air Distribution and Filtering - INGENIUM I6 3.0L Petrol, Removal and Installation).

6.

Install the engine cover.

Refer to: [Engine Cover - INGENIUM I6 3.0L Petrol](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).