

ELECTRONIC ENGINE CONTROLS – INGENIUM I6 3.0L PETROL

INTAKE CAMSHAFT POSITION SENSOR (G2344548)

REMOVAL AND INSTALLATION

18.30.22	INTAKE CAMSHAFT POSITION SENSOR – RENEW	2000 CC, INGENIUM PETROL, IC	0.10	USED WITHINS	
18.30.22	INTAKE CAMSHAFT POSITION SENSOR – RENEW	3000 CC, INGENIUM PETROL	0.10	USED WITHINS	

REMOVAL

⚠ CAUTION:

Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all openings must be sealed.

⚠ 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.

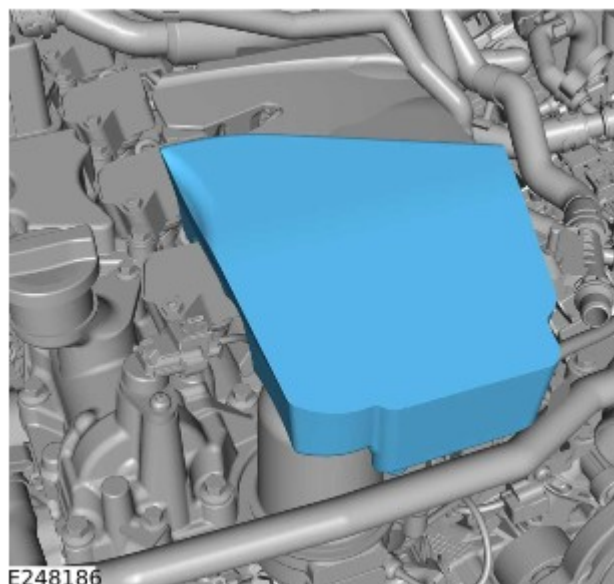
1. Disconnect the startup battery ground cable.

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

2. Remove the engine cover.

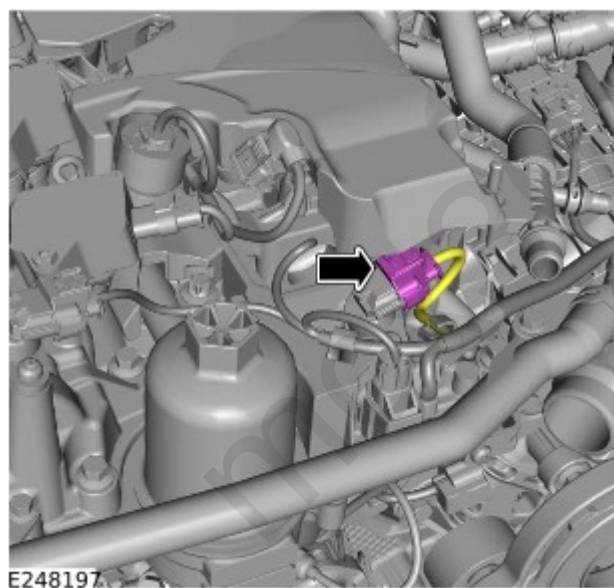
Refer to: [Engine Cover - INGENIUM I6 3.0L Petrol](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

3.



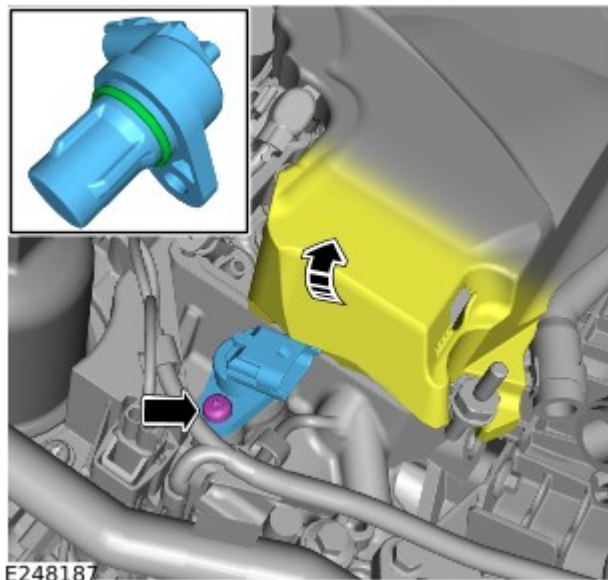
Remove the Noise, Vibration and Harshness (NVH) material.

4.



Disconnect the electrical connector.

5.



- Remove the bolt.
- Release the NVH material.
- Remove the intake camshaft position sensor.

INSTALLATION

1.

- Lubricate the O-ring seal with clean engine oil.
Refer to: [Specifications](#) (303-01C Engine - INGENIUM I6 3.0L Petrol, Specifications).
- Release the Noise, Vibration and Harshness (NVH) material.
- Install the intake camshaft position sensor.
- Install and tighten the bolt.
Torque: 8Nm

2.

- Connect the electrical connector.
- Install the NVH material.

3.

Install the engine cover.

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

4.

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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