

ELECTRONIC ENGINE CONTROLS – INGENIUM I6 3.0L PETROL

FRONT KNOCK SENSOR (G2344547)

REMOVAL AND INSTALLATION

18.30.28	SENSOR – KNOCK (KS) – LH/EACH – RENEW	2000 CC, INGENIUM PETROL, IC	1.50	USED WITHINS	
18.30.81	SENSOR – KNOCK (KS) – LH FRONT – RENEW	3000 CC, INGENIUM PETROL	2.20	USED WITHINS	

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.

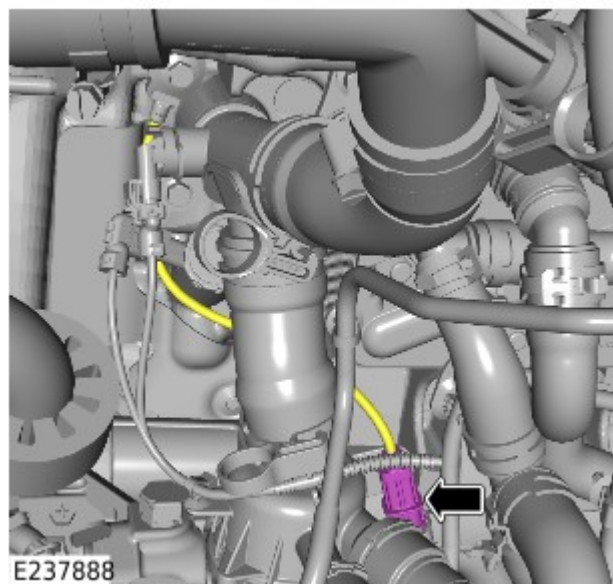
1. Disconnect the startup battery ground cable.

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

2. Remove the Belt Integrated Starter Generator (BISG).

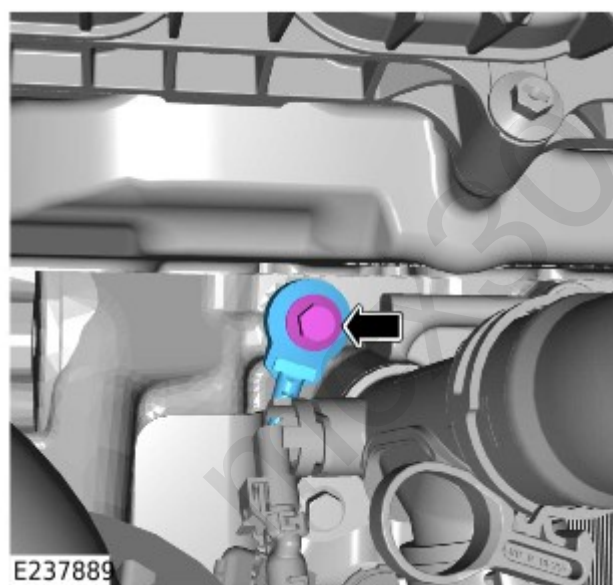
Refer to: [Belt Integrated Starter Generator](#) (414-02C Generator and Regulator - INGENIUM I6 3.0L Petrol, Removal and Installation).

3.



Disconnect the electrical connector.

4.



- Remove the bolt.
- Remove the knock sensor.

INSTALLATION

1.

- Install the knock sensor.
- Install and tighten the bolt.
Torque: 20Nm
- Connect the electrical connector.

2.

Install the Belt Integrated Starter Generator (BISG).

Refer to: [Belt Integrated Starter Generator](#) (414-02C Generator and Regulator - 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).