

ELECTRONIC ENGINE CONTROLS – INGENIUM I6 3.0L PETROL

CYLINDER HEAD TEMPERATURE SENSOR (G2344551)

REMOVAL AND INSTALLATION

18.30.31	SENSOR – CYLINDER HEAD TEMPERATURE (CHT) – RENEW	2000 CC, INGENIUM DIESEL	0.20	USED WITHINS	
18.30.31	SENSOR – CYLINDER HEAD TEMPERATURE (CHT) – RENEW	2000 CC, INGENIUM PETROL, IC	0.20	USED WITHINS	
18.30.31	SENSOR – CYLINDER HEAD TEMPERATURE (CHT) – RENEW	3000 CC, INGENIUM PETROL	0.10	USED WITHINS	

SPECIAL TOOL(S)



E237409

303-680

Socket, Cylinder Head Temperature Sensor

REMOVAL

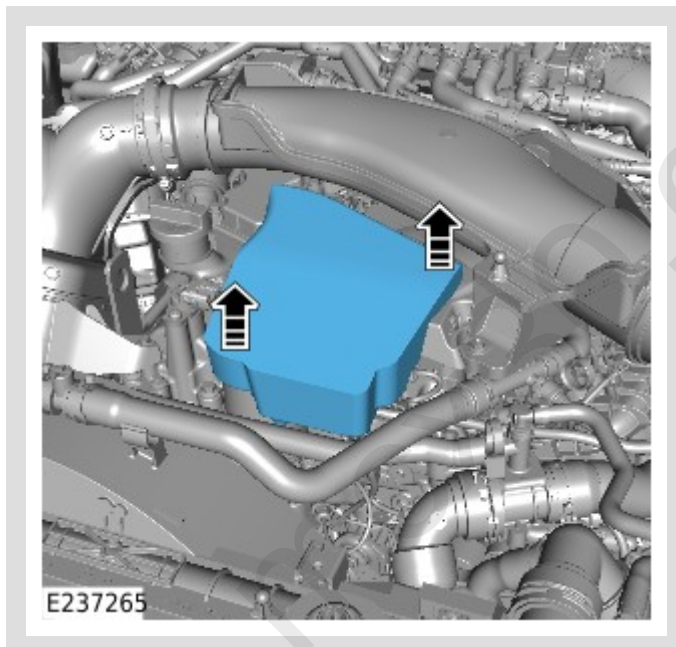
NOTE:

- 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. Remove the engine cover.

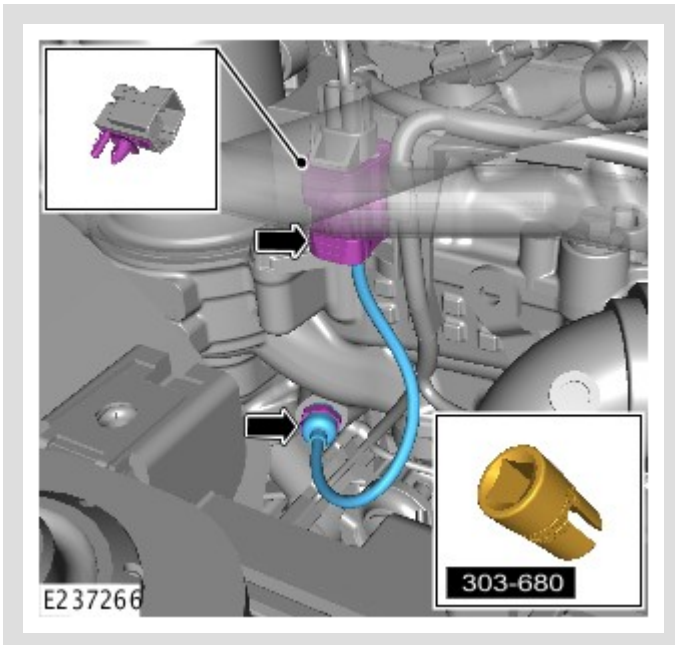
Refer to: [Engine Cover - INGENIUM I6 3.0L Petrol](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

- 2.



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

3.



- Disconnect the electrical connector.
- Use the special tool to remove the cylinder head temperature sensor.
Special Tool(s): [303-680](#)
- Discard the cylinder head temperature sensor.

INSTALLATION

1.

ⓘ CAUTION:

Make sure all the mating faces are clean and free from foreign material.

- Use the special tool to install and tighten the new cylinder head temperature sensor.
Special Tool(s): [303-680](#)
Torque: **10.5Nm**
- Connect the electrical connector.

2. Install the Noise, Vibration and Harshness (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).