

## Crankshaft position sensor

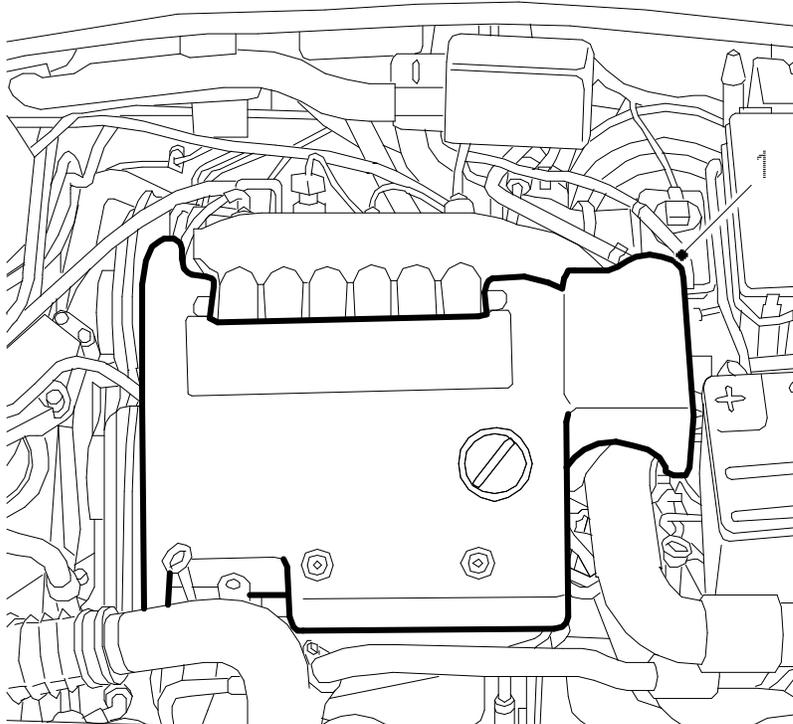


### Warning

Be very careful as the exhaust pipe from the turbo can become extremely hot.

### To remove

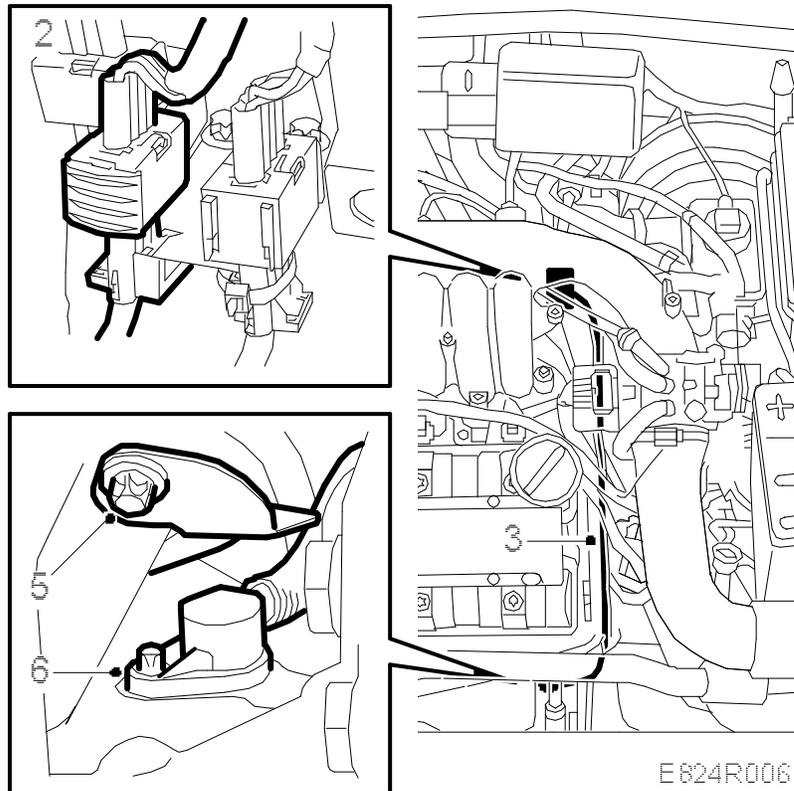
1. Remove the engine cover.



E824R005

- 2.

Undo and separate the connector.

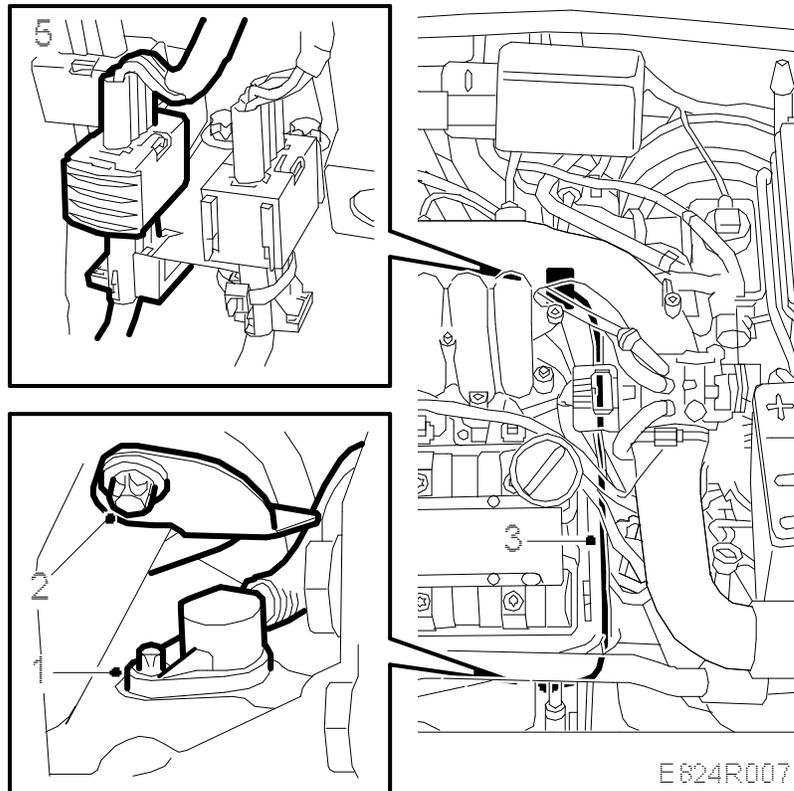


3. Loosen the securing points on the cable.
4. Raise the car.
5. Loosen the upper bolt on the turbo bracket and the position sensor heat shield, remove the shield.
6. Remove the sensor and O-ring.

#### To fit

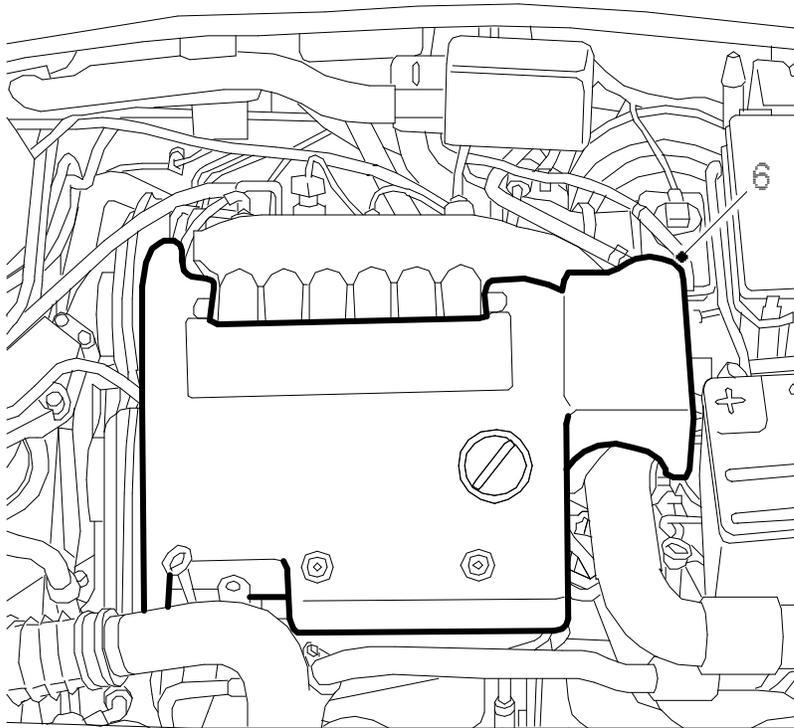
- 1.

Fit the sensor with a new O-ring and apply engine oil.



2. Fit the sensor heat shield and bracket.
3. Insert and secure the cable. Be careful not to let the cable jam or become damaged.
4. Lower the car to the floor.
5. Secure the cable, spray the connector with Kontakt 61 (part no. 30 04 520), plug in the connectors and fit the holder.
- 6.

Start the engine and check for any leaks. Fit the engine cover.



E824R008

**Tightening torque 50 Nm (36 lbf ft)**