

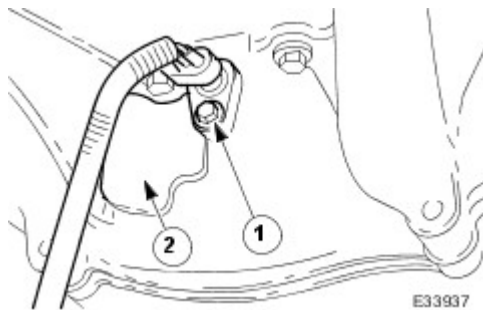
16 . Remove the camshaft locking tool 303-530.

17 . Raise the vehicle on the ramp.

18 . Remove the crankshaft setting tool 303-531.

19 . Install the crankshaft position sensor.

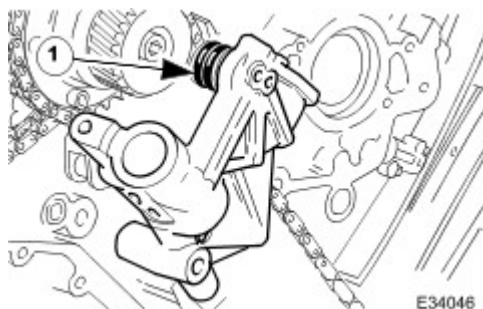
- 1) Install the sensor to the flywheel housing and install the securing bolt. Tighten to 6-8 Nm.
- 2) Install the access grommet to the housing.



20 . Lower the ramp.

21 . Install new seals to the VVT bush carrier, Bank 1.

- 1) Install the new sealing rings to the carrier bush groove.



22 . NOTE :

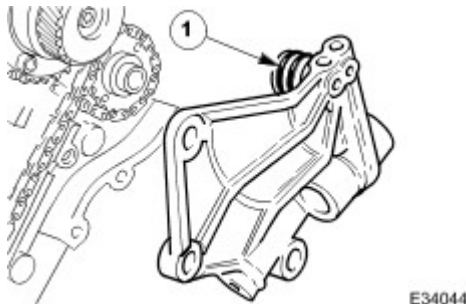
Make sure the bush carrier oil inlet filter screen is clean.

Install the VVT bush carrier to the cylinder block.

- ▶ Lubricate the seals and the bush.
- 2) Install the bush carrier assembly.
- ▶ Check that the ring dowels are engaged squarely. Fully locate the assembly as much as possible by hand pressure.
- 4) Install the three securing bolts. Tighten to 19-23 Nm.

**23 . Install new seals to the VVT bush carrier, Bank 2.**

- 1) Install the new sealing rings to the carrier bush groove.

**24 . NOTE :**

Make sure the bush carrier oil inlet filter screen is clean.

Install the VVT bush carrier to the cylinder block.

- ▶ Lubricate the seals and the bush.
- 2) Install the bush carrier assembly.
- ▶ Check that the ring dowels are engaged squarely. Fully locate the assembly as much as possible by hand pressure.
- 4) Install the two securing bolts and one nut. Tighten to 19-23 Nm.

