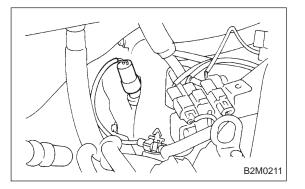
14. Vehicle Speed Sensor 2 A: GENERAL PRECAUTIONS

- 1) Be careful not to drop or bump sensor as this may break built-in magnet.
- 2) Drive key is designed to separate from vehicle speed sensor 2. Be careful not to lose it or forget to install.
- 3) Vehicle speed sensor 2 is installed in part (which contains bearings, etc., finished to a high degree of accuracy). Do not allow foreign matter (filings, sand, etc.) to get into it.
- 4) When checking output of vehicle speed sensor 2 as a single unit, ensure test leads are connected to their correct terminals. Failure to do this may damage internal IC.
- 5) Discard vehicle speed sensor 2 after removal; replace with new one.

B: REMOVAL

CAUTION:

- Be careful when removing vehicle speed sensor 2 immediately after driving vehicle for a while, as temperature around it is high.
- Before removing vehicle speed sensor 2, clean dirt, etc. from surrounding areas. Take care not to allow foreign matter to get into mounting hole.



- 1) Remove collector cover.
- 2) Disconnect vehicle speed sensor 2 connector.
- 3) Turn and remove vehicle speed sensor 2.
- 4) Remove key and packing.

C: INSTALLATION

CAUTION:

- Ensure sensor mounting hole is clean and free of foreign matter.
- Apply grease to tip end of key to prevent key from falling off sensor.
- Align tip end of key with key groove on end of speedometer shaft during installation.
- 1) Hand tighten vehicle speed sensor 2, then tighten it using suitable tool.

Tightening torque required for sensor to reach bottom of transmission is as follows:

Tightening torque:

0.39 — 0.88 N·m (4.0 — 9.0 kg-cm, 3.5 — 7.8 in-lb)

CAUTION:

- When torque must be applied that exceeds 0.88 N⋅m (9.0 kg-cm, 7.8 in-lb), the key and key groove on end of speedometer may not be aligned properly. Remove the key, align it correctly and reassemble.
- Sensor threads are secured by Locktite. The reassembly must be completed within 5 minutes before Locktite dries.
- 2) Tighten vehicle speed sensor 2 further to specified torque.

Tightening torque:

5.9±1.5 N m (60±15 kg-cm, 52±13 in-lb)