

INSPECTION

1. INSPECT HEATER RESISTANCE OF HEATED OXYGEN SENSORS (BANK 1, 2 SENSOR 1)

- Disconnect the 2 oxygen sensor connectors.
- Using an ohmmeter, measure the resistance between the terminals +B and HT.

Resistance:

11 – 16 Ω at 20°C (68°F)

If the resistance is not as specified, replace the sensor.

Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)

- Reconnect the 2 oxygen sensor connectors.

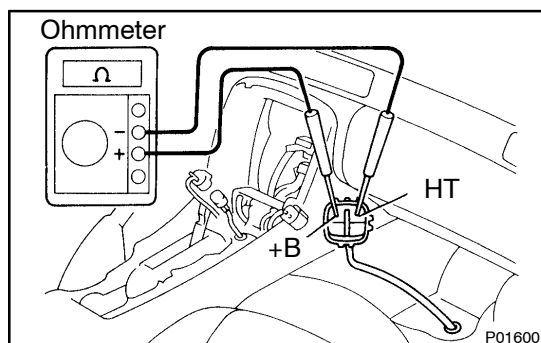
2. INSPECT HEATED OXYGEN SENSORS (BANK 1, 2 SENSOR 2)

- Cancel diagnostic trouble code.
(See DI section)
- Allow the engine to warm up to normal operating temperature.
- Drive for 5 minutes or more between 80 km/h (50 mph) and 100 km/h (62 mph) in "D" position.
- Following the conditions in step (c), press fully on the accelerator pedal for 2 seconds or more.

HINT:

Do not exceed 100 km/h (62 mph), or diagnostic trouble code will be cancelled.

- Stop the vehicle, and turn the ignition switch to OFF.
- Carry out steps (b), (c) and (d) again to test acceleration. If code Nos. 27 and 29 reappears again, check the 2 heated oxygen sensor circuit. If the circuit is normal, replace the heated oxygen sensor.

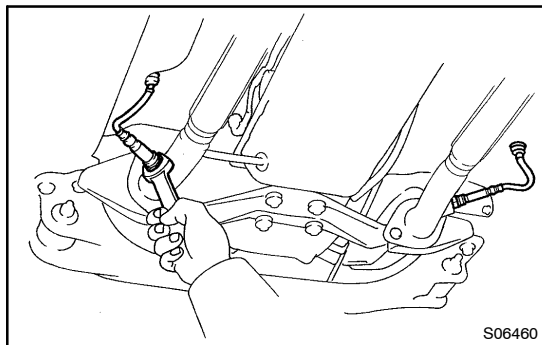


3. INSPECT HEATER RESISTANCE OF HEATED OXYGEN SENSORS (BANK 1, 2 SENSOR 2)

- Remove the radio with A/C control panel.
(See page [BO-88](#))
- Disconnect the 2 oxygen sensor connectors.
- Using an ohmmeter, measure the resistance between the terminals +B and HT.

Resistance:

11 – 16 Ω at 20°C (68°F)



If the resistance is not as specified, replace the sensor as follows:

- Disconnect the wire grommet from the floor panel.
- Remove the heated oxygen sensor.
- Reinstall a new heated oxygen sensor.

Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)

- Run the wire of the heated oxygen sensor through the hole in the floor panel.
 - Reinstall the wire grommet to the floor panel.
- (d) Reconnect the 2 oxygen sensor connectors.
- (e) Reinstall the radio with A/C control panel.
- (See page [BO-94](#))