

OXYGEN SENSOR

OXYGEN SENSOR INSPECTION

1. INSPECT HEATER RESISTANCE OF OXYGEN SENSOR

Using an ohmmeter, measure the resistance between the terminals +B and HT.

Resistance: 5.1.–6.3 Ω at 20°C (68°F)

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

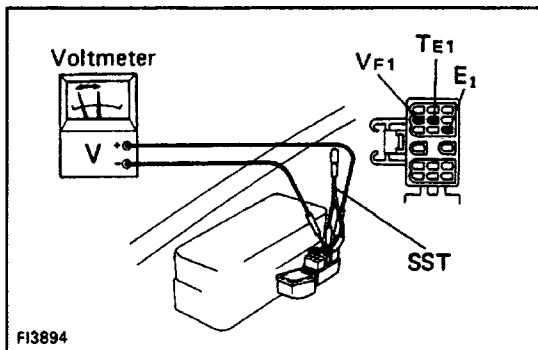
2. INSPECTION OF FEEDBACK VOLTAGE (VF1)

(a) Warm up the engine.

(b) Connect the voltmeter to the DLC1 terminals VF, and E1.

HINT: Use SST when connecting between terminals TE1 and E1 of the DLC1.

SST 09843-18020



Warm up the oxygen sensor with the engine at 2,500 rpm for approx. 90 seconds.

Connect terminals TE1 and E1 of the DLC1. And maintain engine speed at 2,500 rpm.

Check the number of times the voltmeter needle fluctuates in 10 seconds.

Less than 6 times

Warm up the oxygen sensor with the engine at 2,500 rpm for approx. 94 seconds. And maintain engine speed at 2,500 rpm.

Check the number of times the voltmeter needle fluctuates in 10 seconds.

Less than 6 times

Disconnect terminals TE1 and E1 of the DLC1. And maintain engine speed 2,500rpm.

①

Replace the ECM.

After replacing the oxygen sensor

Normal

6 times or more

Zero

Zero

②

③

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