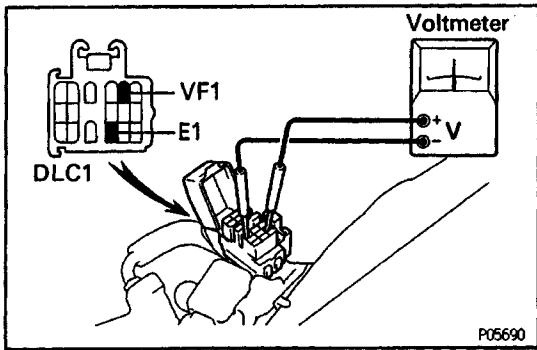
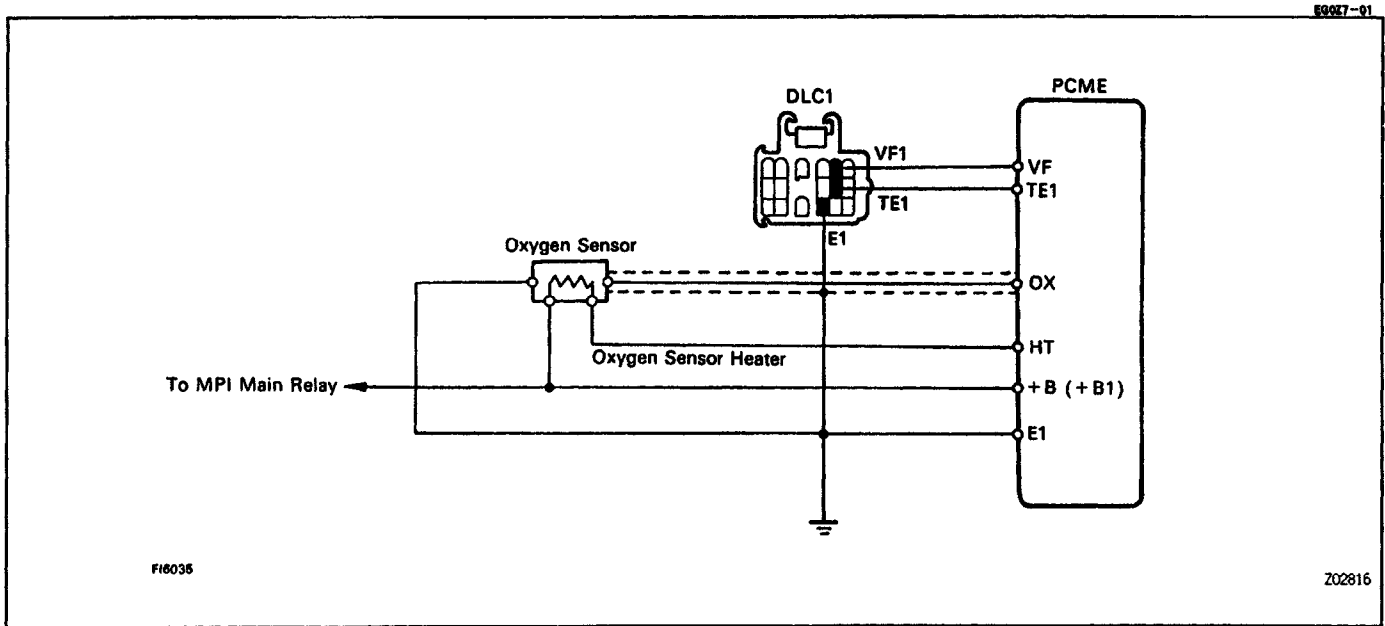


OXYGEN SENSOR



OXYGEN SENSOR INSPECTION

1. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

2. INSPECT FEEDBACK VOLTAGE

Connect the positive (+) probe of a voltmeter to terminal VF1 of the data link connector 1, and negative (-) probe to terminal

E1. Perform the test as follows:

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

Using SST, connect terminals TO and E1 of the data link connector 1.
SST 09843-18020
And maintain engine speed at 2,500 rpm.

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

Less than 8 times

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

①

Replace the PCME .

Zero again. After replacing the oxygen sensor

8 times or more

Normal

②

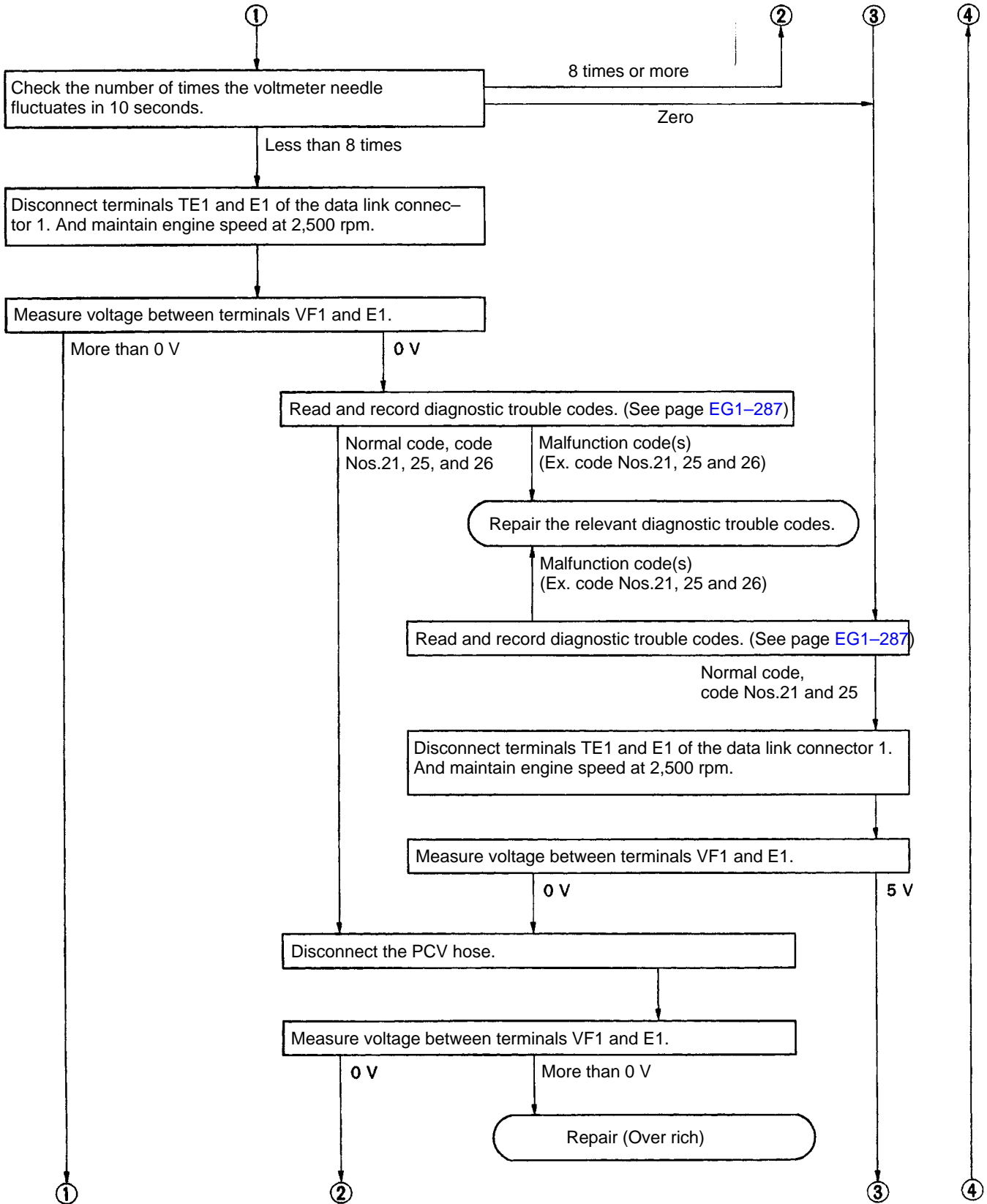
Zero

③

④

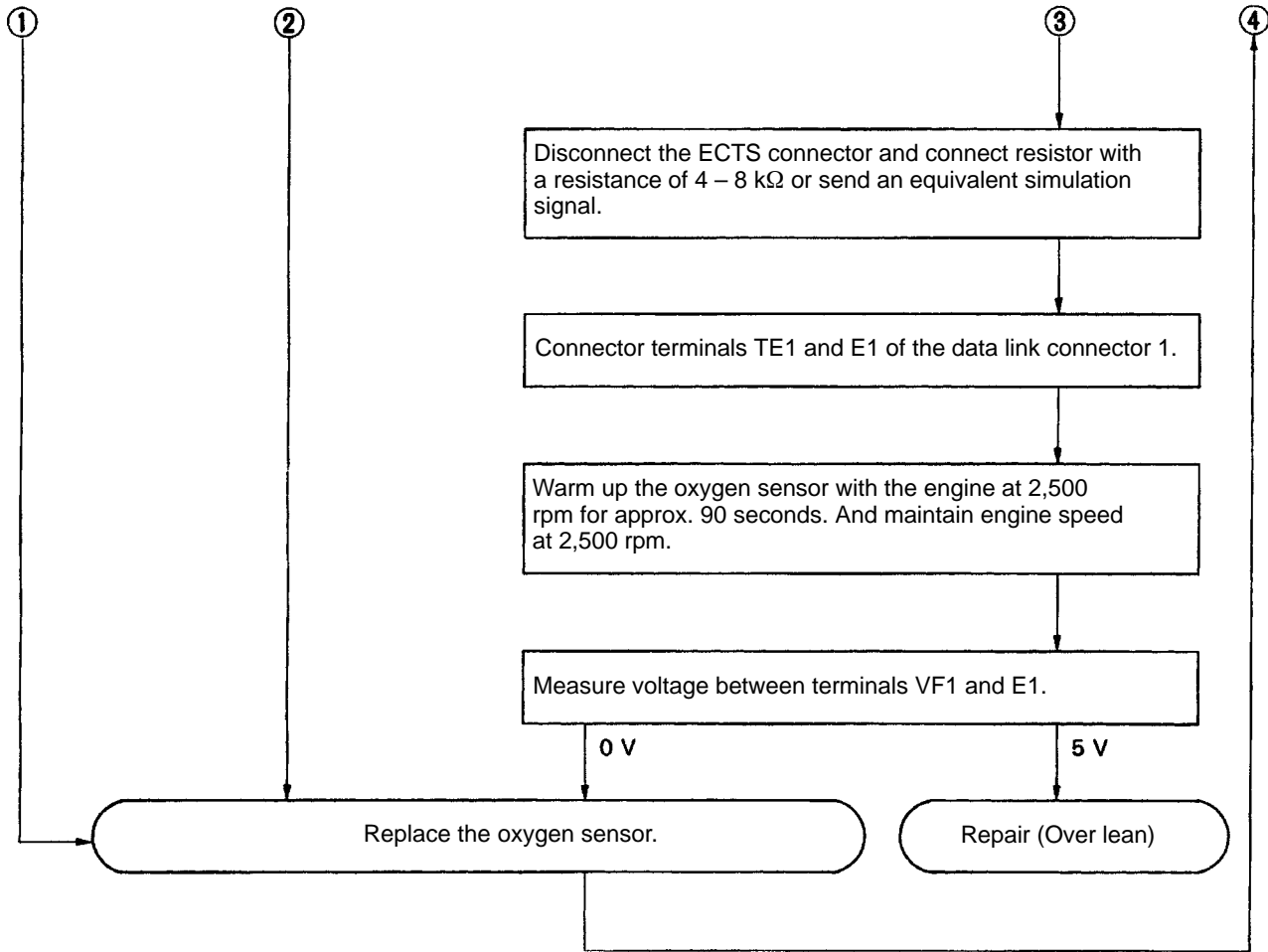
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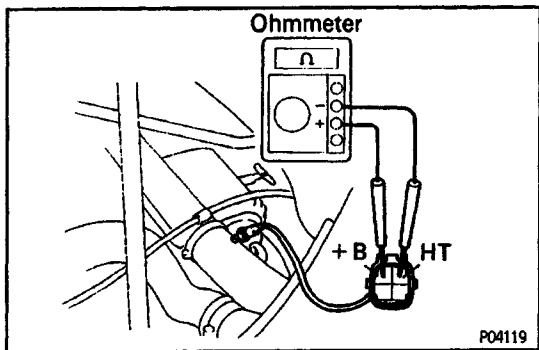


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V00885



3. INSPECT HEATER RESISTANCE OF OXYGEN SENSOR

- (a) Disconnect the oxygen sensor connector.
- (b) Using an ohmmeter, measure the resistance between terminals +B and HT.

Resistance:

5.1 – 6.3 Ω at 20° C (68° F)

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

- (c) Reconnect the oxygen sensor connector.