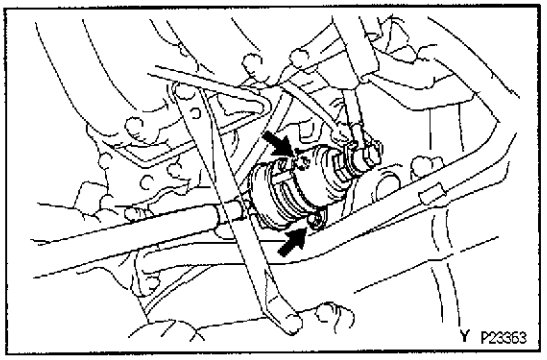
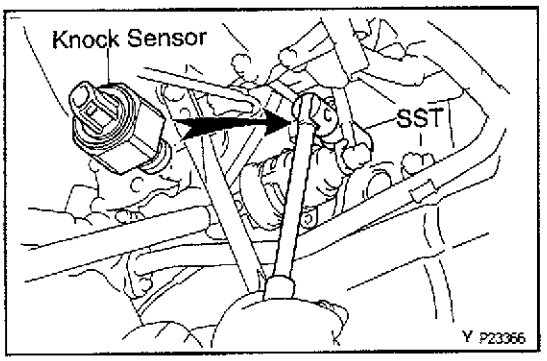


KNOCK SENSOR

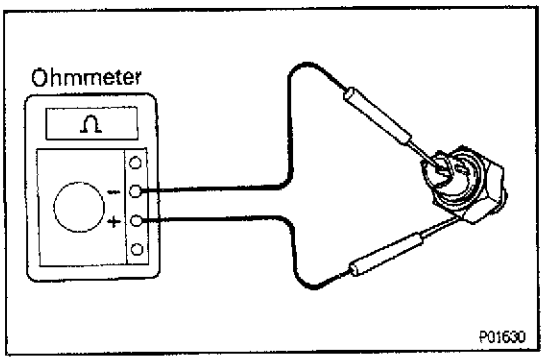
EG5NT-05

KNOCK SENSOR INSPECTION

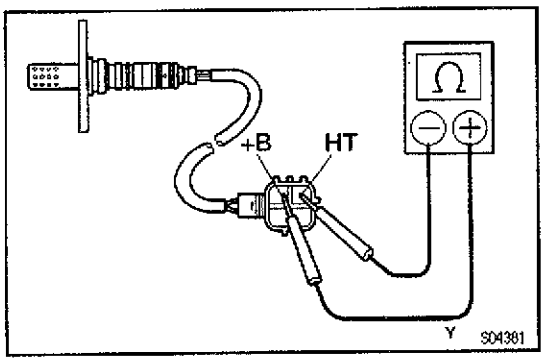
1. **REMOVE STARTER**
2. **REMOVE FUEL FILTER SET BOLTS**



3. **REMOVE KNOCK SENSOR**
(a) Disconnect the knock sensor connector.
(b) Using SST, remove the knock sensor.
SST 09816–30010
4. **INSPECT KNOCK SENSOR**
Using an ohmmeter, check that there is no continuity between the terminal and body.
If there is continuity, replace the sensor.



5. **REINSTALL KNOCK SENSOR**
(a) Using SST, install the knock sensor.
SST 09816–30010
Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)
(b) Connect the knock sensor connector.
6. **REINSTALL FUEL FILTER SET BOLTS**
Torque: 20 N·m (200 kgf·cm, 14 ft·lbf)
7. **REINSTALL STARTER**
(See starter installation in Starting System)

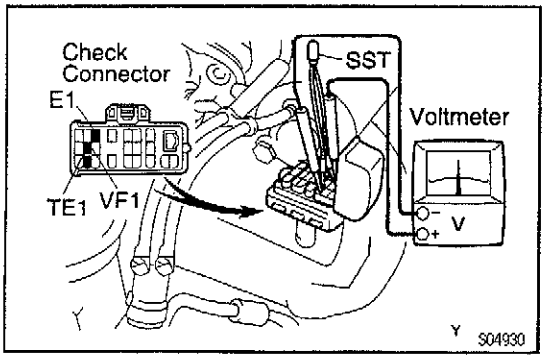


OXYGEN SENSOR

EG7DY-01

OXYGEN SENSORS INSPECTION

1. **INSPECT HEATER RESISTANCE OF OXYGEN SENSOR**
Using an ohmmeter, measure the resistance between terminals +B and HT.
Resistance:
At 20°C (68°F) :11.7 – 14.3 Ω
If resistance is not as specified, replace the oxygen sensor.
2. **WARM UP ENGINE**
Allow the engine to warm up to normal operating temperature.



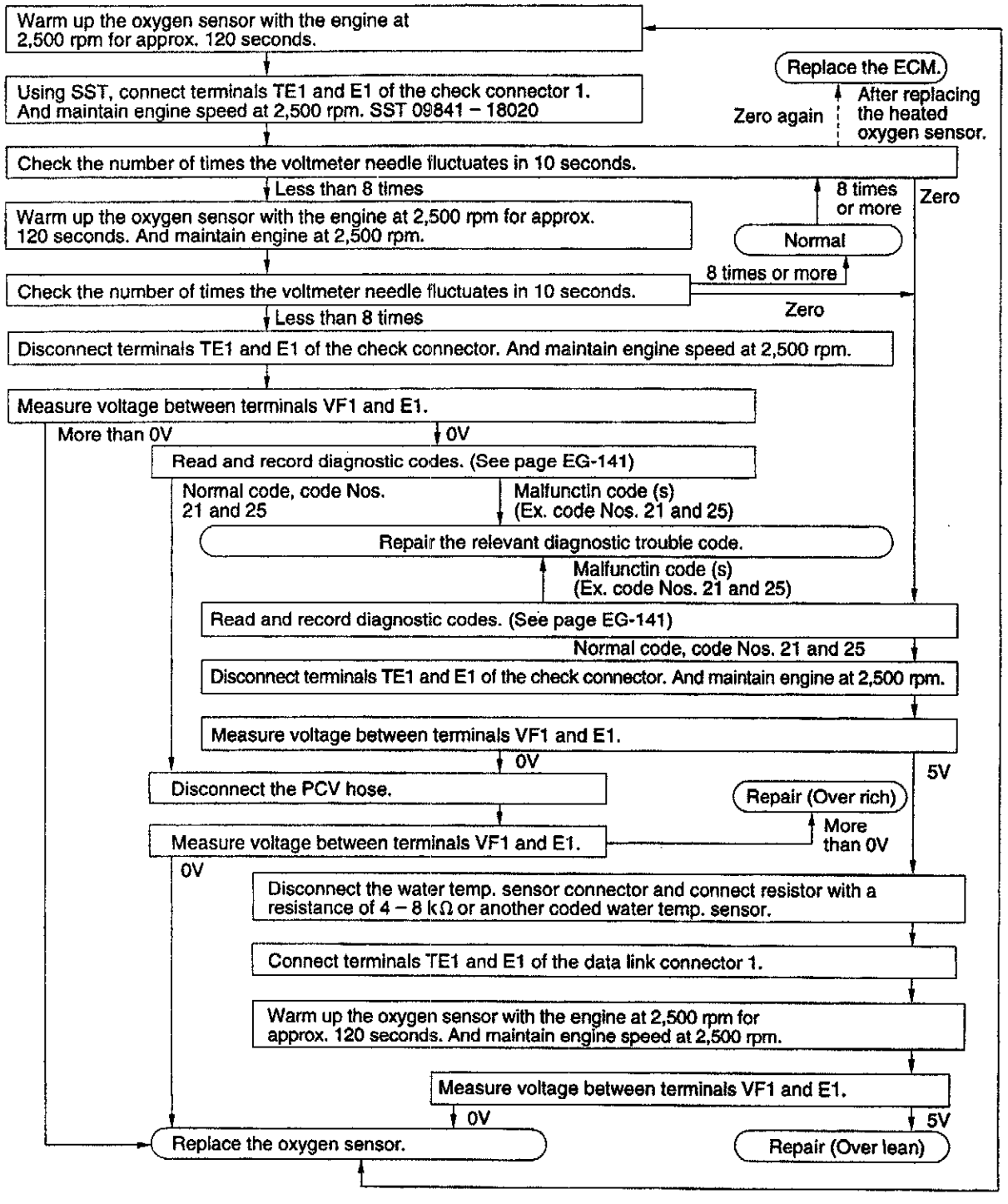
3. INSPECT FEEDBACK VOLTAGE

Connect the positive (+) tester probe of a voltmeter to terminal VF1 of the check connector, and negative (–) tester probe to terminal E1.Perform the test as follows described on the next page.

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

SST 09843–18020

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