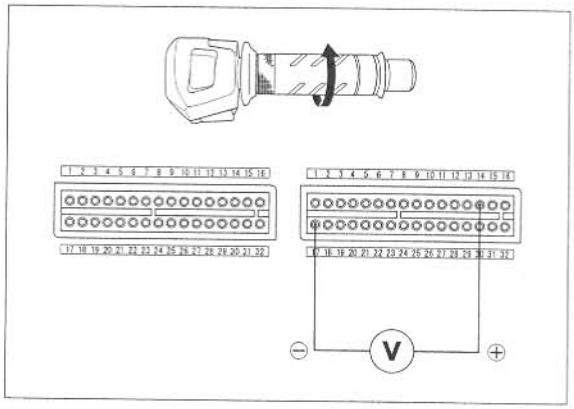
OUTPUT VOLTAGE INSPECTION WITH THE THROTTLE FULLY CLOSED

Turn the ignition switch ON and measure and record the output voltage with the throttle fully closed.

Connection: B14 (+) – B17 (–)

Measuring condition:
At throttle fully closed



CALCULATE RESULT COMPARISON

Compare the measurement to the result of the following calculation.

With the throttle fully opened:
Measured input voltage X 0.824 = Vo

The sensor is normal if the measurement output voltage is within 10% of Vo.

With the throttle fully closed:
Measured input voltage X 0.1 = Vc

The sensor is normal if the throttle closed output voltage is within 10% of Vc.

Using an analog meter, check that the needle of the voltmeter swings slowly when the throttle is opened gradually.

CONTINUITY INSPECTION

Lift and support the fuel tank (page 6-61).

Disconnect the ECM 32P connectors and the TP sensor 3P connector.
Check for continuity between the ECM 32P (Light gray) connector and TP sensor 3P connector terminal of the wire harness.

Connection: Yellow/red – B14

If there is no continuity, check the open or short circuit in wire harness.