CRANKSHAFT POSITION SENSOR

ED035–04

INSPECTION

NOTICE:

"Cold" and "Hot" in the following sentences express the temperature of the sensors themselves. "Cold" is from –10°C (14°F) to 50°C (122°F) and "Hot" is from 50°C (122°F) to 100°C (212°F).

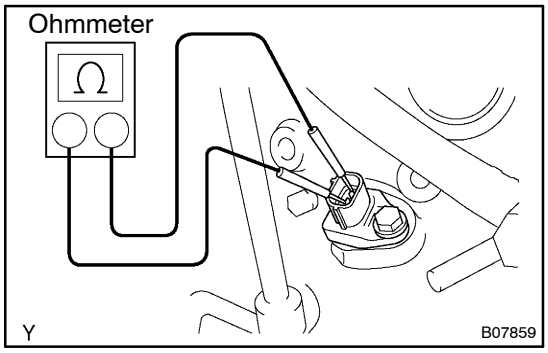
INSPECT CRANKSHAFT POSITION SENSOR

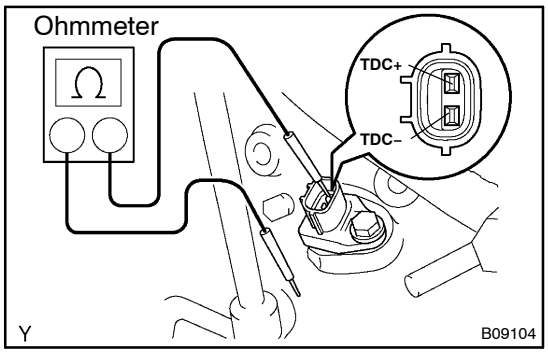
(a) Disconnect the sensor connector.

(b) Using an ohmmeter, measure the resistance between the terminals.

Resistance:

Cold	19 – 32 Ω
Hot	24 – 37 Ω





(c) Using an ohmmeter, measure the resistance between TDC– terminal and body.

Resistance: 10 MΩ or more

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

Torque: 6 N·m (60 kgf·cm, 53 in.·lbf)

HINT:

Apply engine oil to a new O–ring on the sensor, and install them.

NOTICE:

Be careful not drop and shock the sensor.

(d) Reconnect the sensor connector.