CRANKSHAFT POSITION SENSOR

ED035–02

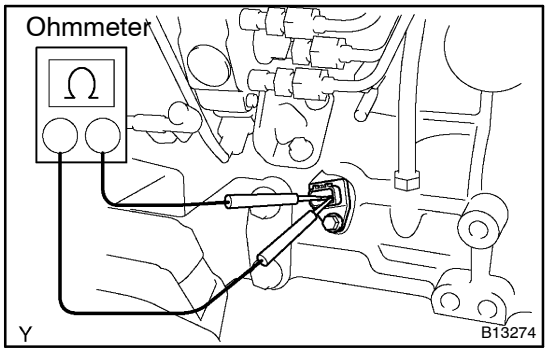
INSPECTION

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

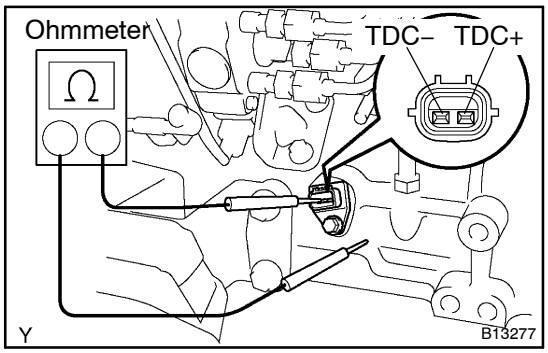
(a) Disconnect the crankshaft position sensor connector.



(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 crankshaft position sensor.

Torque: 5 N·m (50 kgf·cm, 43 in.·lbf)

HINT:

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

NOTICE:

Be careful not drop and shock the sensor.

(d) Reconnect the crankshaft position sensor connector.