THROTTLE BODY

ED02R–02

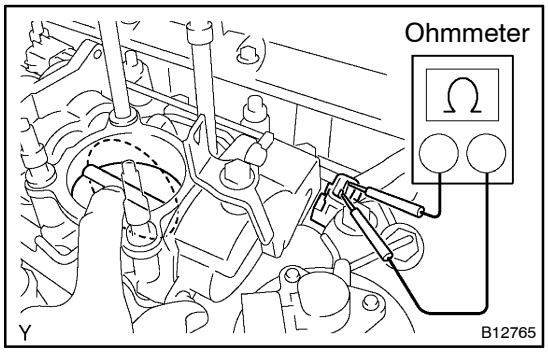
ON–VEHICLE INSPECTION

1. INSPECT THROTTLE FULL SWITCH

(a) w/ Intercooler:
Remove the intercooler assembly (See page EM–2).

(b) w/o Intercooler:
Remove the intake pipe (See page EM–2).

(c) Disconnect the switch connector.



(d) Using an ohmmeter, check the continuity between the terminals.
Continuity:

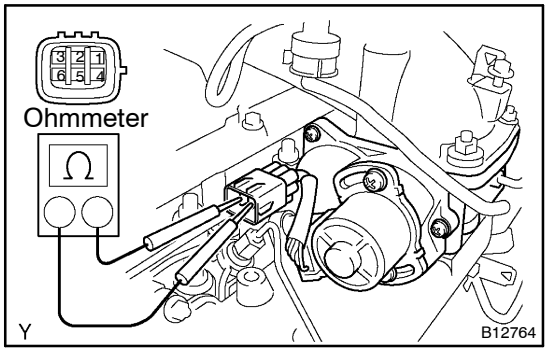
Throttle Valve	Continuity
Fully closed	No continuity
Fully open	Continuity

If the continuity is not as specified, replace the throttle body (See page ED–4).

(e) Reconnect the switch connector.

(f) w/ Intercooler:
Reinstall the inter cooler assembly (See page EM–2).

(g) w/o Intercooler:
Reinstall the intake pipe (See page EM–2).



2. INSPECT THROTTLE CONTROL MOTOR

NOTICE:
"Cold" and "Hot" in the following sentences express the temperature of the coils 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).

(a) Disconnect the motor connector.

(b) Using an ohmmeter, measure the resistance between terminals 2 and 1/3, and 5 and4/6.
Resistance:

Cold	23 – 33 Ω
Hot	29 – 39 Ω

If the resistance is not as specified, replace the throttle body (See page ED–4).

(c) Reconnect the motor connector.

(d) w/ Intercooler:
Reinstall the inter cooler assembly (See page EM–2).

(e) w/o Intercooler:
Reinstall the intake pipe (See page EM–2).