ST0NZ–02

INSPECTION

1. INSPECT LIGHTING TIME OF INTAKE HEATER (GLOW) INDICATOR LIGHT

Turn the ignition switch ON, and measure the lighting time.

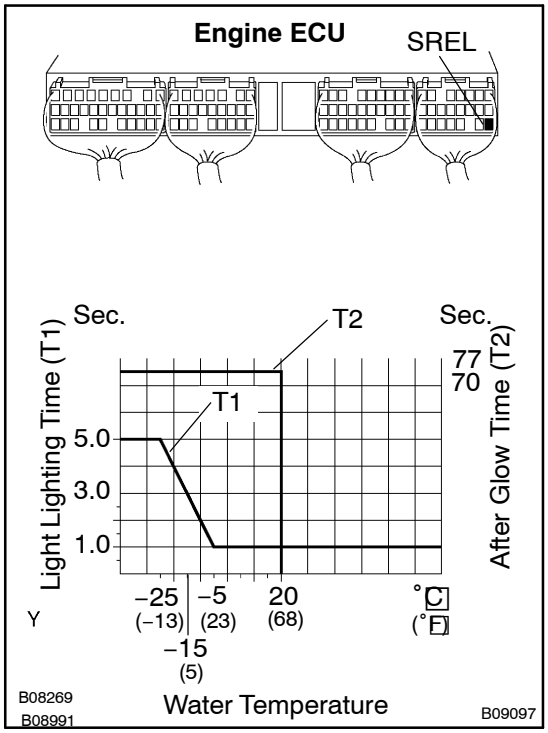
Light lighting time (T1): Refer to the chart graph

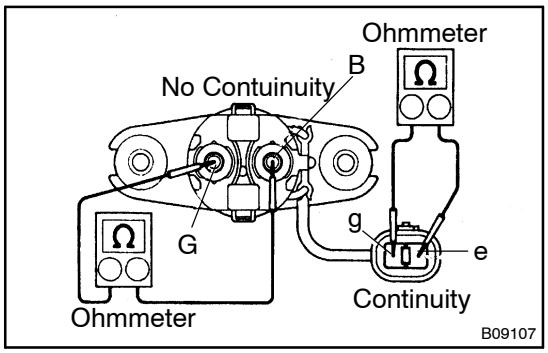
2. INSPECT AFTER GLOW TIME

Turn the ignition switch to START, after the engine starts, measure the time when the battery voltage is applied to terminal SREL of the engine ECU after stating the engine.

After glow time (T2): Refer to the chart graph

3. INSPECT ENGINE ECU (See page ED–31)





4. INSPECT INTAKE HEATER (GLOW MEIN) RELAY

(a) Remove the relay.

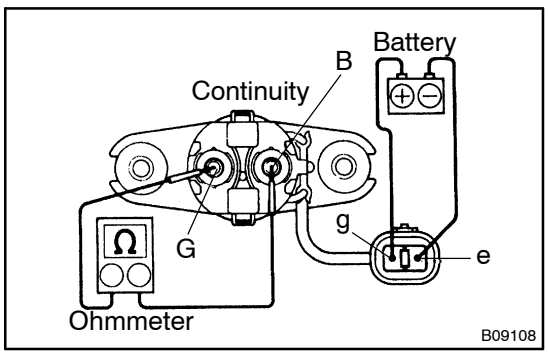
Location: (See page DI–15)

(b) Inspect the relay continuity.

(1) Using an ohmmeter, check that there is continuity between terminals e and g.

(2) Check that there is no continuity between terminals B and G.

If continuity is not as specified, replace the relay.



(c) Inspect the relay operation

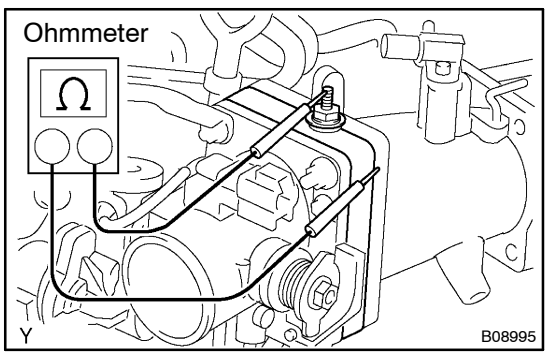
(1) Apply battery voltage across terminals e and g.

(2) Using an ohmmeter, check that there is continuity between terminals B and G.

If operation is not as specified, replace the relay.

(d) Reinstall the relay.

5. INSPECT WATER TEMPERATURE SENSOR (See page ED–15)



6. INSPECT INTAKE HEATER

Using an ohmmeter, check that there is continuity between the intake heater terminal and ground.

If there is no continuity, replace the intake heater.