ST0HI–01

INSPECTION

1. INSPECT LIGHTING TIME OF GLOW INDICATOR LIGHT

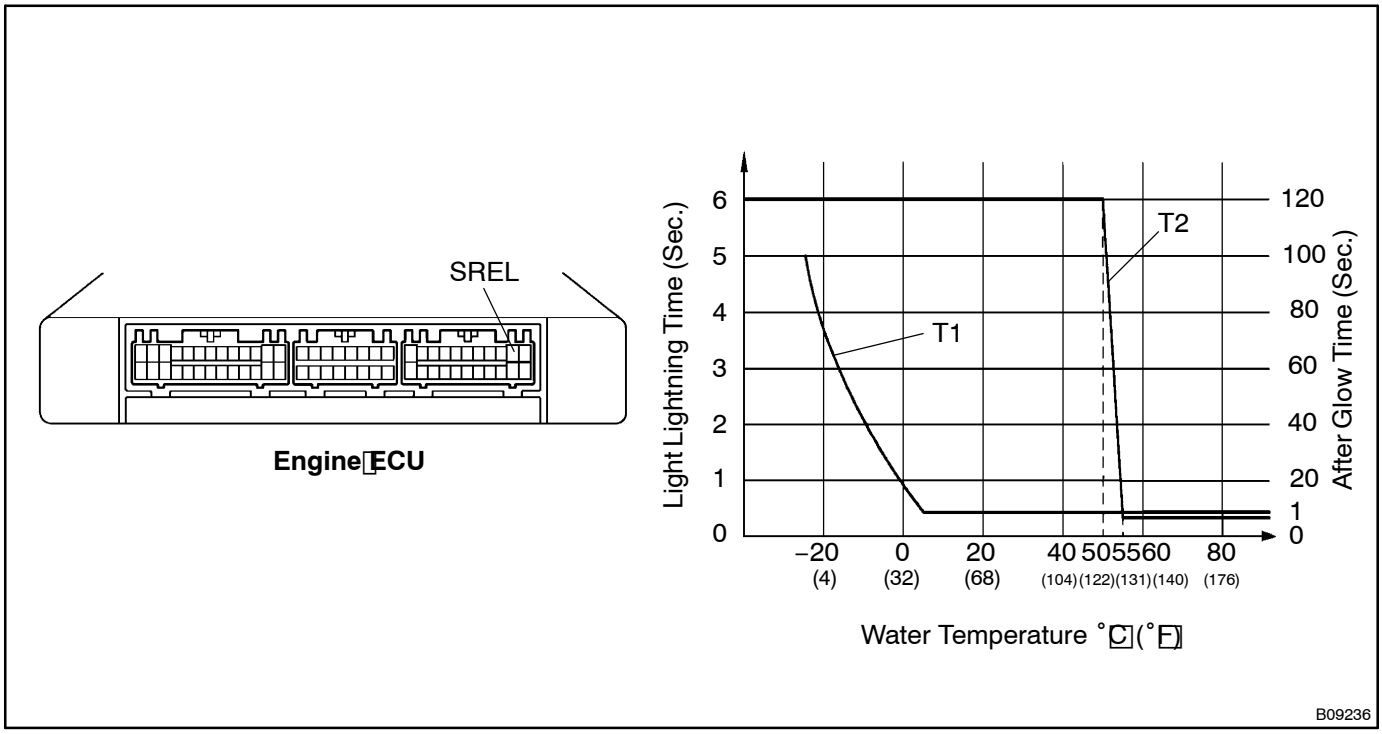
Turn the ignition switch ON, measure the lighting time.

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

2. INSPECT AFTER GLOW TIME

Turn the ignition switch ON, measure the time battery voltage is applied to terminal SREL of the preheating timer.

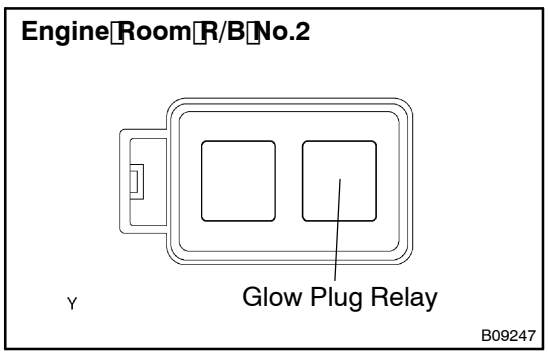
After glow time (T2): Refer to the chart graph

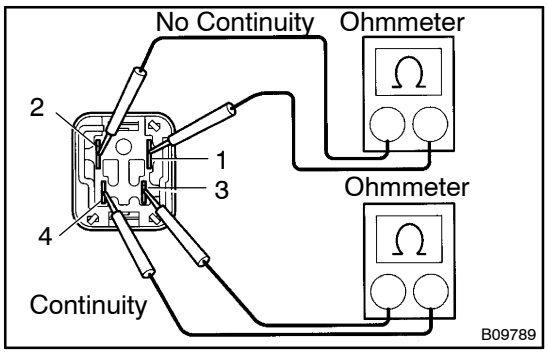


3. INSPECT ENGINE ECU (See page DI–15)

4. INSPECT GLOW PLUG RELAY

(a) Remove the glow plug relay. (Marking: SUB GLW RLY)





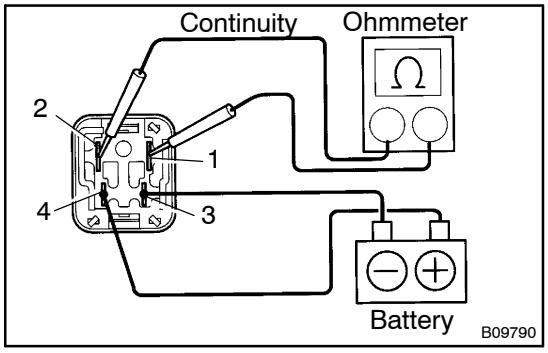
(b) Inspect the glow plug relay continuity.

(1) Using an ohmmeter, check that there is no continuity between terminals 1 and 2.

If there is continuity, replace the relay.

(2) Check that there is continuity between terminals 3 and 4.

If there is no continuity, replace the relay.

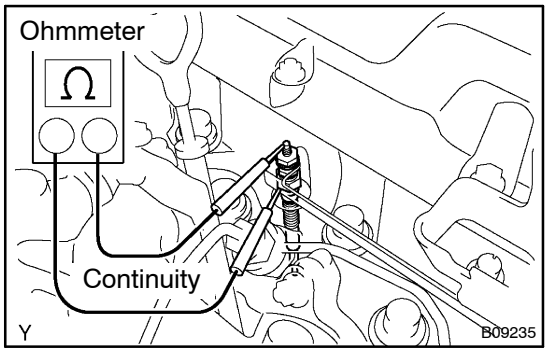


(c) Inspect the glow plug relay operation.
(1) Apply battery voltage across terminals 3 and 4.
(2) Using an ohmmeter, check that there is continuity between terminals 1 and 2.

If there is no continuity, replace the relay.

(d) Reinstall the glow plug relay.

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



6. INSPECT GLOW PLUGS

NOTICE:

- **Be careful not to damage the glow plug pipes as it could cause an open circuit or shorten life of the glow plugs.**
- **Avoid getting oil and gasoline on the glow plug when cleaning.**
- **During inspection, be sure to wipe any oil of the terminal and bakelite washer with a dry cloth.**
- **Be careful not to apply more than 11 V to the glow plug as it could cause an open circuit.**

Using an ohmmeter, check that there is continuity between the glow plug terminal and ground.

Standard resistance: Approx. 0.72 Ω at 20°C (68°F)

If there is no continuity, replace the glow plug (See page ST–4).

Torque: 13 N·m (130 kgf·cm, 10 ft·lbf)