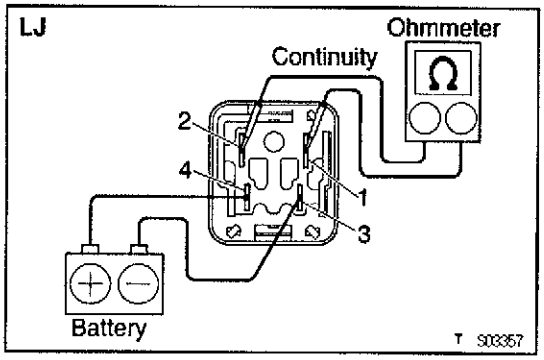


B. Inspect relay operation

(a) Apply battery voltage across terminals 3 and 4.

(b) Using an ohmmeter, check that there is continuity between terminals 1 and 2.
If there is no continuity, replace the relay.

3. REINSTALL GLOW PLUG RELAY

ST

Glow Plug Relay (LH)

ST0FR–01

(See No.2 glow plug relay (LH) in pre–heating system (super glow type/with resistor)

Glow Plug Relay (LN)

ST0FS–01

(See No.2 glow plug relay (LH) in pre–heating system (super glow type/with resistor)

Glow Plug Relay (LY)

ST0FT–01

(See No.2 glow plug relay (LH) in pre–heating system (super glow type/with resistor)

Water Temperature Sensor

ST0FU–01

(See pre–heating system (super glow type/with resistor))

Glow Plugs

ST0FV–01

(See pre–heating system (super glow type/with resistor)

PRE–HEATING SYSTEM (Variable Delay Type)

On–Vehicle Inspection

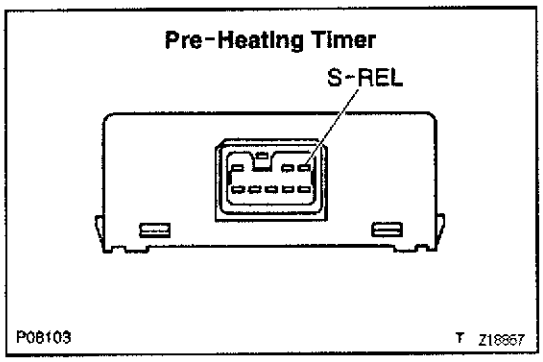
ST0GJ–03

1. INSPECT LIGHTING TIME OF GLOW INDICATOR LIGHT

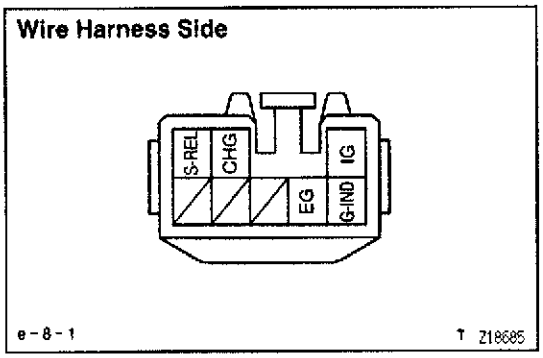
Turn the ignition switch ON, and measure the lighting time.

Light lighting time:

Approx. 5 seconds



2. **INSPECT AFTER GLOW TIME**
Turn the ignition switch ON, and measure the time battery voltage is applied to terminal S–REL of the pre–heating timer.
After glow time:
Approx. 18 seconds



ST

ST0B0-05

Pre–Heating Timer

PRE–HEATING TIMER INSPECTION

1. **DISCONNECT PRE–HEATING TIMER CONNECTOR**
LOCATION: See relay locations in Electrical Wiring Diagram.
2. **INSPECT PRE–HEATING TIMER CIRCUIT**
Check the connector on the wire harness side as shown in these chart:

Check for	Tester connection	Condition	Specified value
Voltage	G-IND - Ground	Ignition switch OFF	No voltage
		Ignition switch ON	Battery voltage
Voltage	IG - Ground	Ignition switch OFF	No voltage
		Ignition switch ON	Battery voltage
Continuity	S-REL - Ground	—	Continuity
Continuity	EG - Ground	—	Continuity

T V08083

3. **RECONNECT PRE–HEATING TIMER CONNECTOR**

ST0CL-03

Glow Plug Relay (LH)

(See No.2 glow plug relay (LH) in pre–heating system (super glow type/with resistor))

ST0FW-01

Glow Plug Relay (LJ)

(See No.2 glow plug relay (LJ) in pre–heating system (super glow type/without resistor))

ST0CL-04

Glow Plug Relay (LN)

(See No.1 and No.2 glow plug relays (LN) in pre–heating system (super glow type/with resistor))