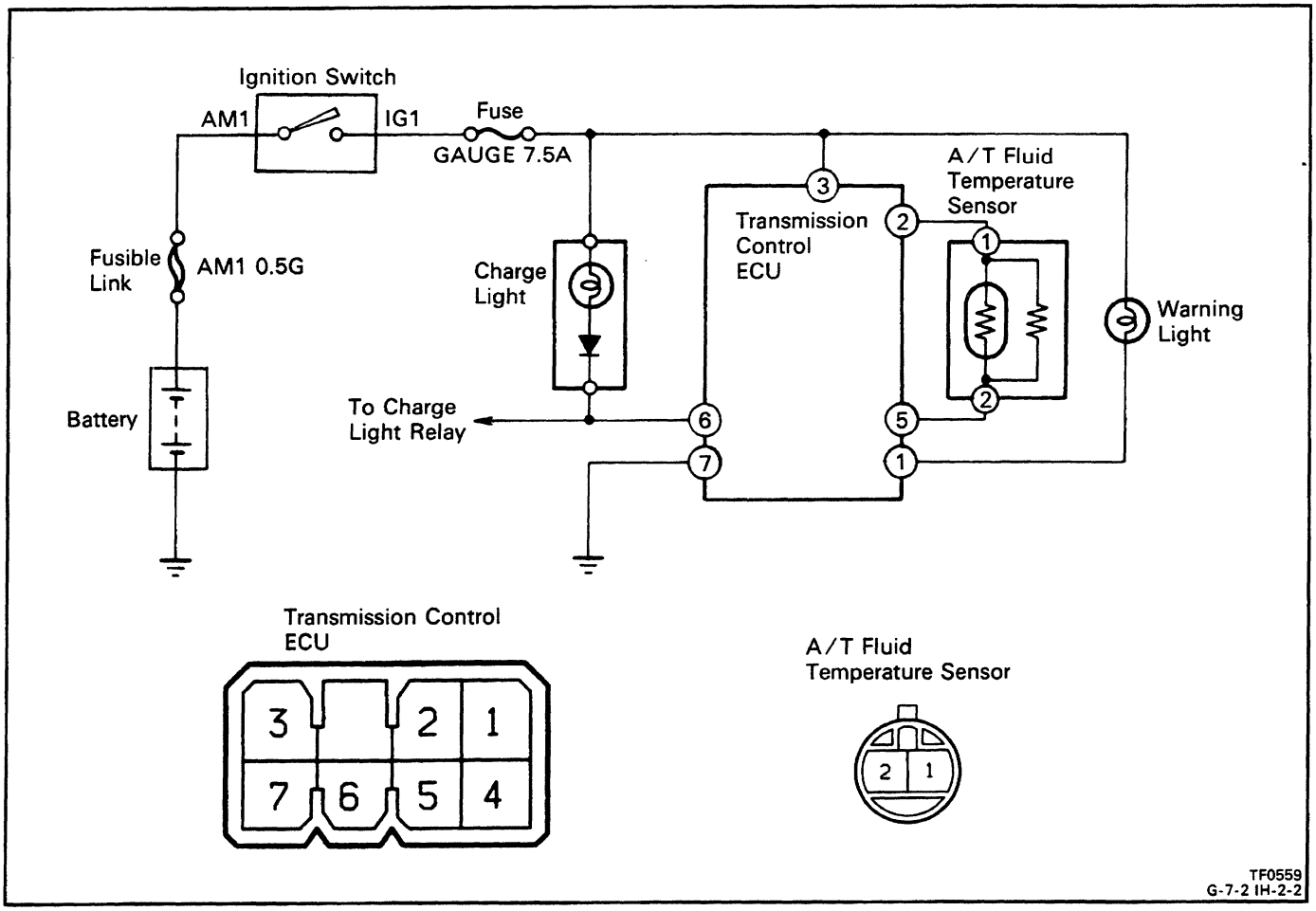
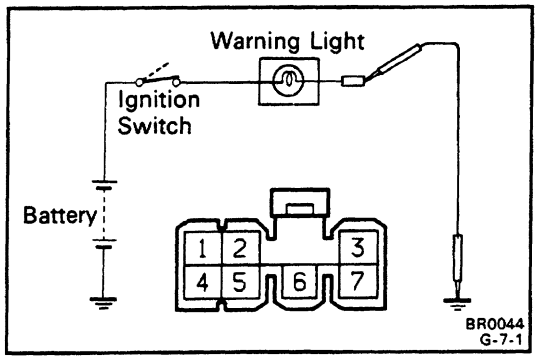
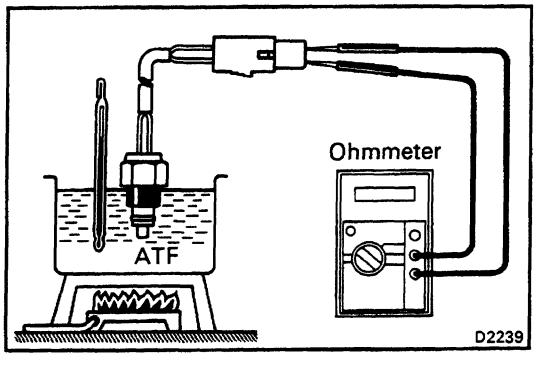
AT Fluid Temperature Warning System

AT FLUID TEMPERATURE WARNING SYSTEM CIRCUIT







INSPECTION OF A/T FLUID TEMPERATURE WARNING SYSTEM COMPONENTS

1. INSPECT A/T FLUID TEMPERATURE WARNING LIGHT

(a) Disconnect the connector from the transmission control ECU. Connect terminal 1 of the wire harness side connector and body ground.

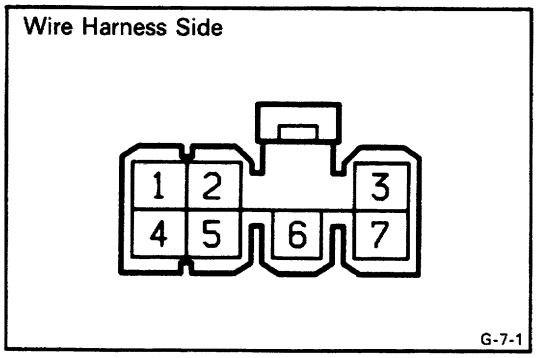
(b) Turn the ignition switch ON, check that the light lights. If warning light does not light, test the bulb.

2. INSPECT A/T FLUID TEMPERATURE SENSOR

Using an ohmmeter, measure the resistance between terminals.

Resistance: 3.38 kΩ at 25°C (77°F)
0.55 kΩ at 120°C (248°F)

If the resistance is not as specified, replace the sensor.

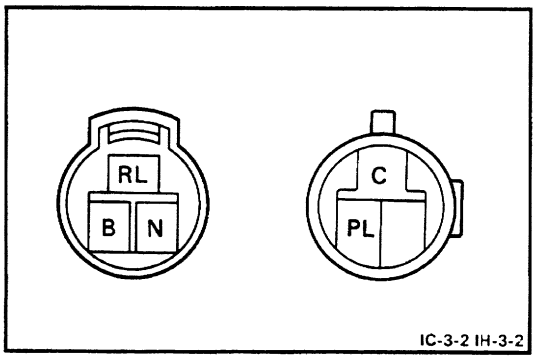


3. INSPECT TRANSMISSION CONTROL ECU

Disconnect the ECU connector and inspect the connector on the wire harness side as shown in the chart.

Check for	Tester connection	Condition	Specified value
Voltage	1 – Body ground	Turn ignition switch ON	Battery voltage
		Turn ignition switch OFF	No voltage
Continuity	2 – 5	—	3.38 kΩ at 25°C (77°F)
Voltage	3 – Body ground	Turn ignition switch ON	Battery voltage
		Turn ignition switch OFF	No voltage
Voltage	6 – Body ground	Turn ignition switch ON	No voltage
		Engine running	Battery voltage
Continuity	7 – Body ground	—	Continuity

If circuit is as specified, replace the ECU.



Neutral Start Switch

INSPECT NEUTRAL START SWITCH

Using an ohmmeter, check the continuity of the terminals for each switch position shown in the table below.

Shift position \ Terminal	C	RL	N	B	PL
P range	○		○	○	○
R range	○	○			
N range			○	○	

If continuity between the terminals is not as specified, replace the switch.