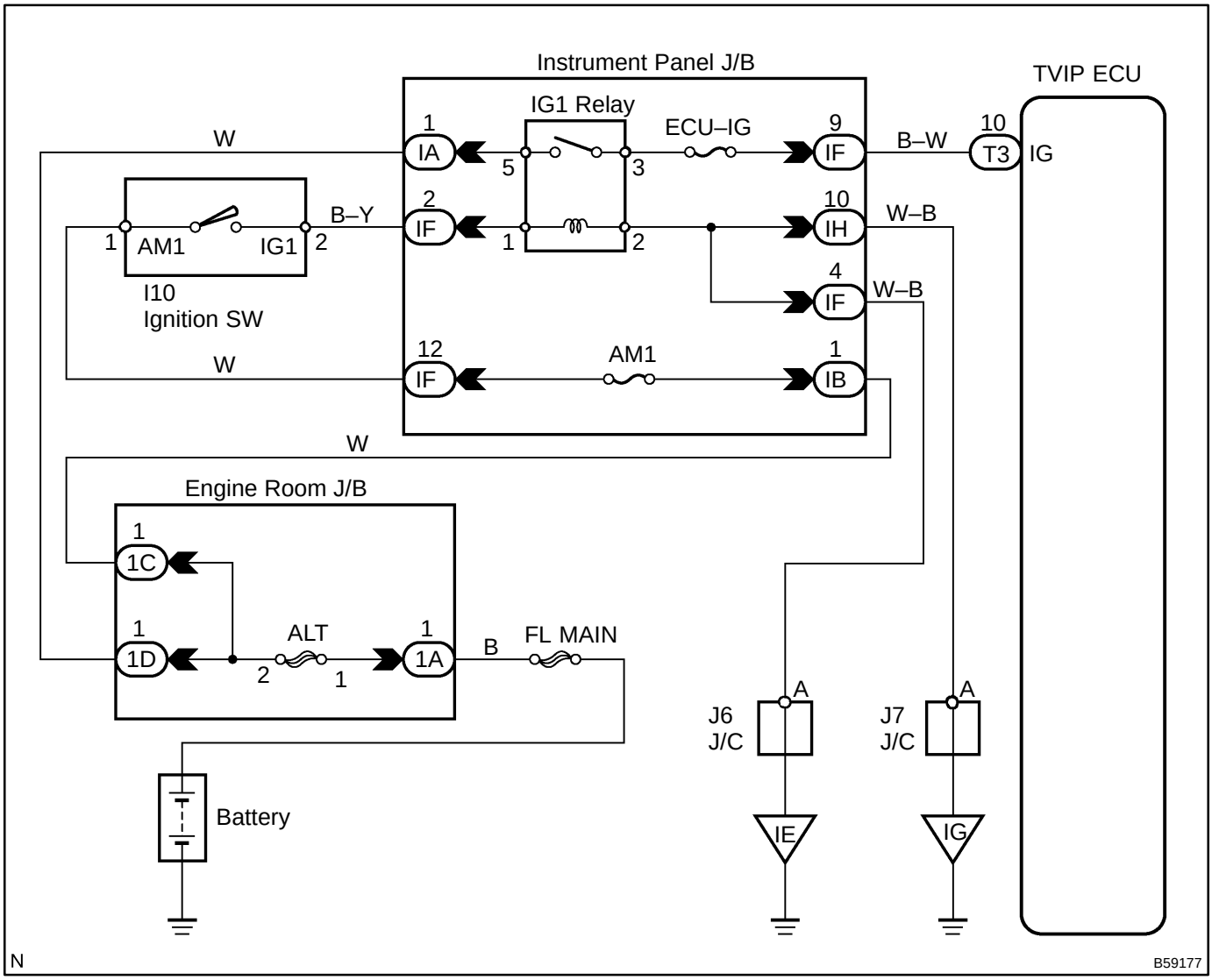
IGNITION SWITCH CIRCUIT

CIRCUIT DESCRIPTION

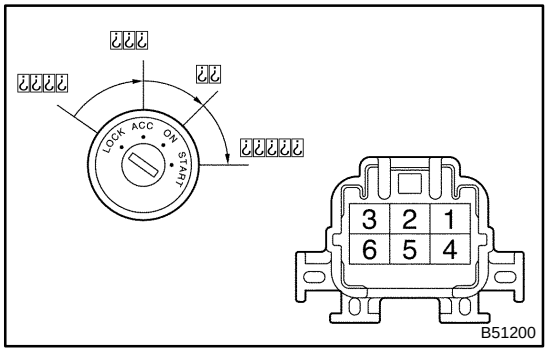
If the ignition switch is turned to the ON position, battery positive voltage is applied to the switches, such as terminal IG of the ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK IGNITION OR STARTER SWITCH ASSY



(a) Check the ignition switch, as shown in the illustration and table.

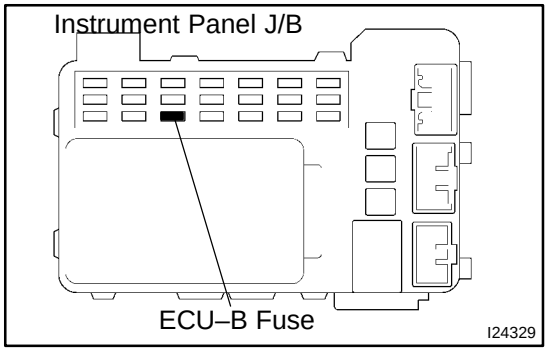
Standard:

Terminal No.	Switch position	Specified condition
–	LOCK	–
1 ⇔ 3	ACC	Continuity
1 ⇔ 2 ⇔ 3 5 ⇔ 6	ON	Continuity
1 ⇔ 2 4 ⇔ 5 ⇔ 6	START	Continuity

NG → **REPAIR OR REPLACE IGNITION OR STARTER SWITCH ASSY**

OK

2 CHECK FUSE (ECU–B)



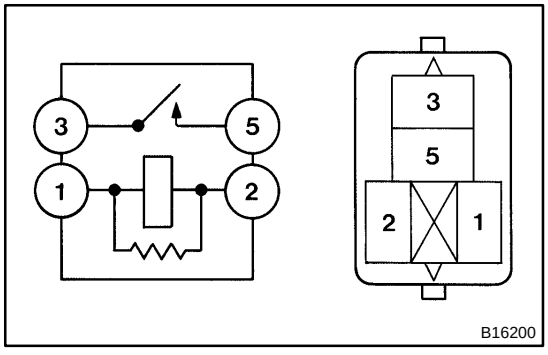
(a) Remove the fuse from the instrument panel J/B.
(b) Check the continuity of the fuse.

Standard: Continuity

NG → **REPLACE FUSE**

OK

3 CHECK RELAY (Marking: IG1)



(a) Remove the relay from the instrument J/B.
(b) Inspect the relay continuity, as shown in the illustration and table.

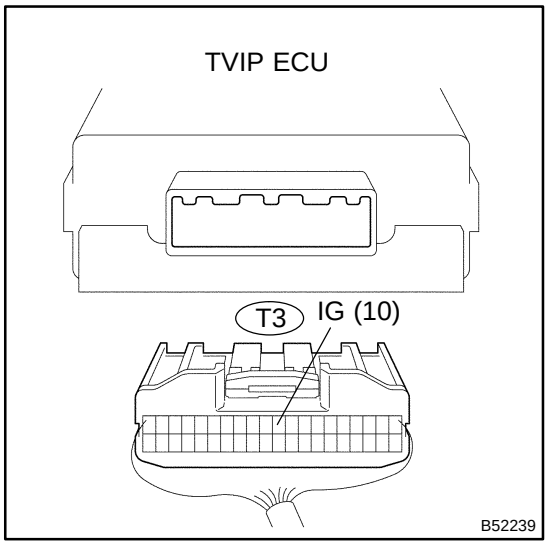
Standard:

Terminal No.	Condition	Specified condition
1 ⇔ 2	Constant	Continuity
3 ⇔ 5	Apply B+ between terminals 1 and 2	Continuity

NG → **REPLACE RELAY**

OK

4 CHECK TVIP ECU



(a) Disconnect the TVIP ECU connector.
(b) Turn the ignition switch ON.
(c) Measure the voltage between the terminal of the ECU connector and the body ground, as shown in the illustration and table.

Standard:

Symbols (Terminal No.)	Specified condition
IG (T3–10) ⇔ Body ground	10 – 14 V

NG → **REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR**

OK

CHECK AND REPLACE TVIP ECU (See page 01–30)