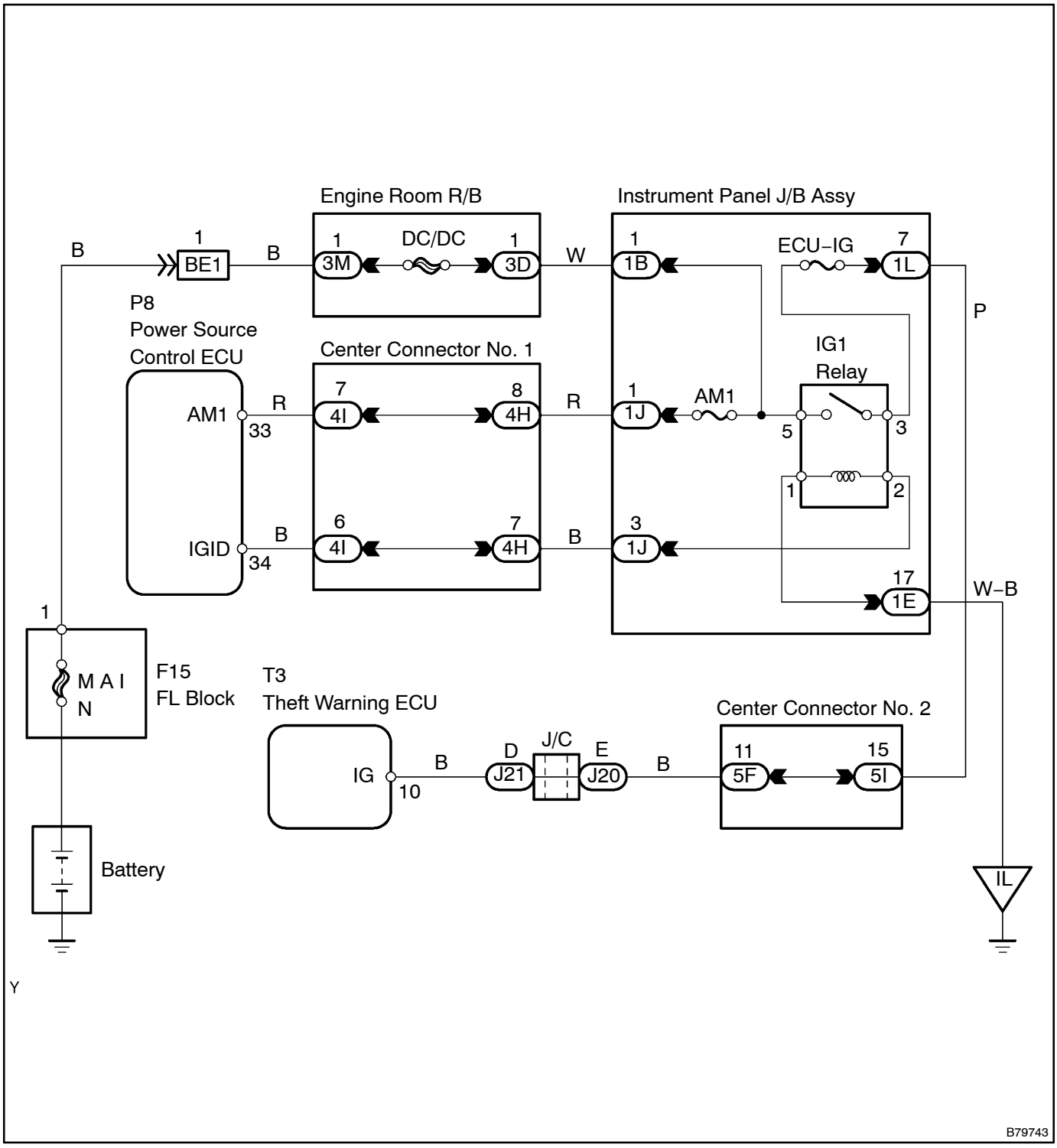
IGNITION CIRCUIT

CIRCUIT DESCRIPTION

When the power switch is set to ON (IG), the battery positive voltage is applied to terminal IG of the theft warning ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

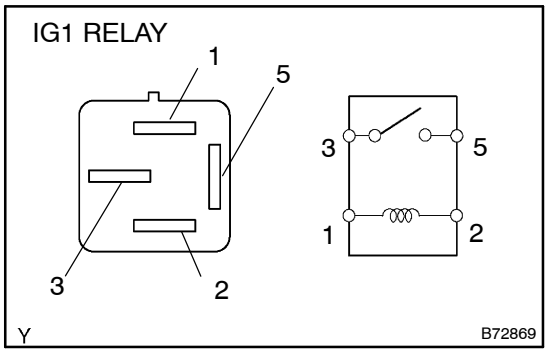
1 INSPECT FUSE (ECU–IG, AM1)

(a) Remove the ECU–IG and AM1 fuses from the instrument panel J/B.
(b) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

2 INSPECT RELAY (IG1)



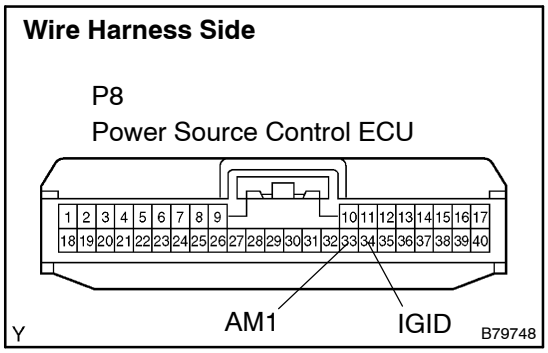
(a) Remove the IG1 relay from the instrument panel J/B.
(b) Measure the resistance.
Standard:

Tester Connection	Specified Condition
3 – 5	10 kΩ or higher
3 – 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

NG → **REPLACE RELAY**

OK

3 INSPECT POWER SOURCE CONTROL ECU



(a) Measure the resistance.

Tester Connection	Power Switch Condition	Specified Condition
P8–33 (AM1) – T8–34 (IGID)	ON (IG)	Below 1 Ω

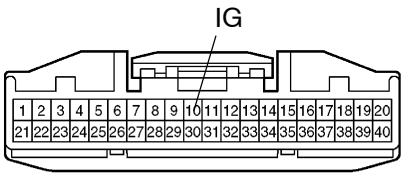
NG → **PROCEED TO PUSH BUTTON START SYSTEM** (see page 05–2131)

OK

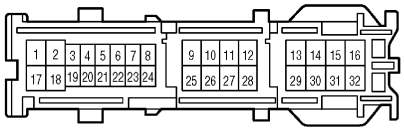
4 CHECK WIRE HARNESS

Wire Harness Side

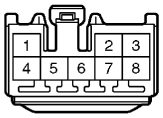
T3
Theft Warning ECU



1E
Instrument Panel J/B Assy



1J
Instrument Panel J/B Assy



Y

B79749

(a) Disconnect the T3 ECU connector.
(b) Measure the voltage and resistance of the wire harness side connector.

Standard:

Tester Connection	Condition	Specified Condition
T3–10 (IG) – Body ground	Power switch ON (IG)	10 to 14 V
1E–17 – Body ground	Constant	Below 1 Ω
1J–1 – Body ground	Constant	10 to 14 V
1J–3 – Body ground	Power switch ON (IG)	10 to 14 V

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (see page 05–2209)