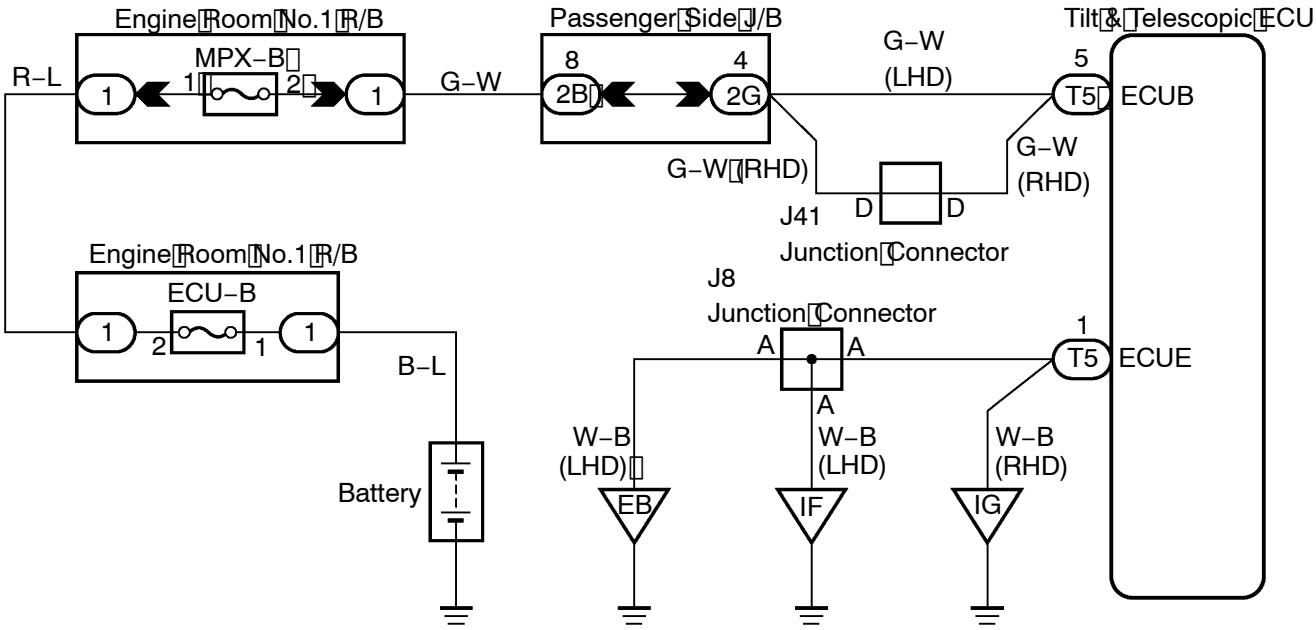
DI23K–02

ECU Power Source circuit

CIRCUIT DESCRIPTION

The ECU Power Source supplies power to the CPU and sensors, etc. Power is supplied to the ECU even when the ignition switch is in lock position.

WIRING DIAGRAM



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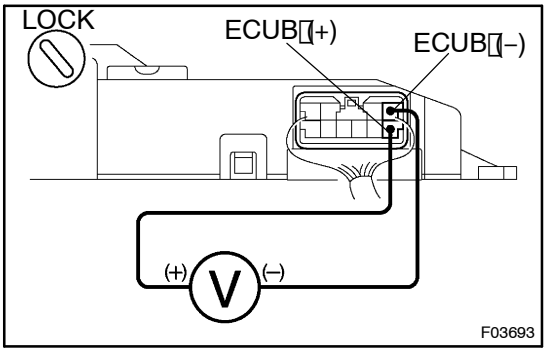
INSPECTION PROCEDURE

1	Check voltage between terminals ECUB and ECUE of ECU connector



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PREPARATION:

Remove ECU with connectors still connected.

CHECK:

Measure voltage between terminals ECUB and ECUE of ECU connector.

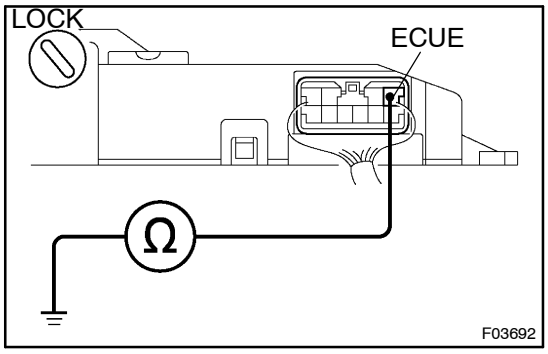
OK:

Voltage: 10 – 16 V

OK	Proceed to next circuit inspection shown on the Problem Symptom Table. (See page DI–359)

NG

2	Check continuity between terminal ECUE of ECU connector and body ground.



CHECK:

Measure resistance between terminal ECUE of ECU connector and body ground.

OK:

Resistance: 1 kΩ or less

NG → **Repair or replace harness or connector.**

OK

3	Check MPX–B fuse.

PREPARATION:

Remove MPX–B fuse from engine room R/B.

CHECK:

Check continuity of MPX–B fuse.

OK:

Continuity

NG → **Check for short in harness and all components connected to MPX–B fuse.**

OK

Check for open in harness and connector between ECU and battery. (See page IN–29)