

DTC	42	IG2 Power Source Circuit
------------	-----------	---------------------------------

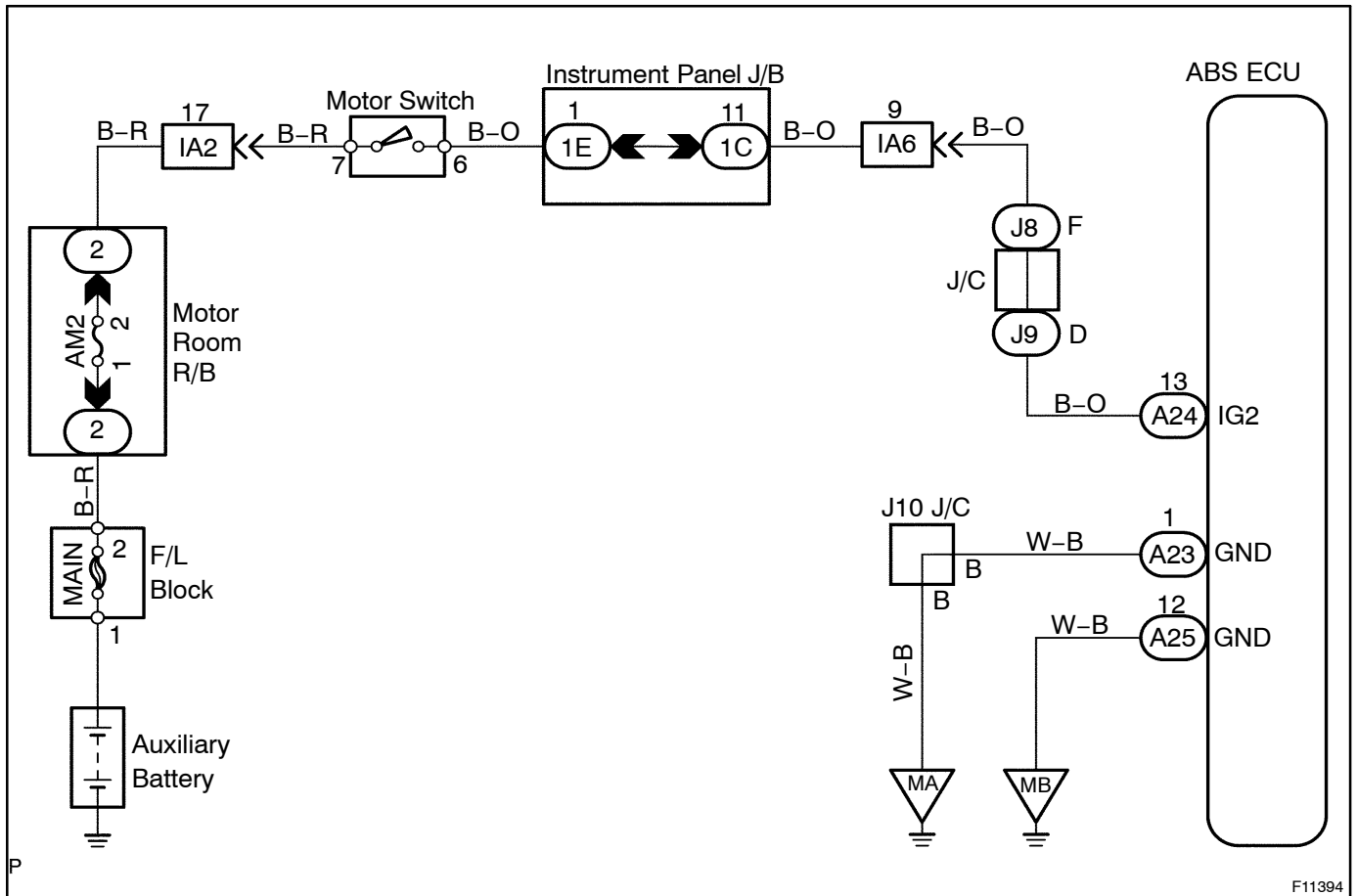
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
42	With vehicle running, open circuit in IG2 is detected for more than 7 sec.	<ul style="list-style-type: none"> • Battery • Charging system • IG2 circuit • ABS ECU

Fail safe function:

If trouble occurs in the power source circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS control and the brake system becomes normal.

WIRING DIAGRAM



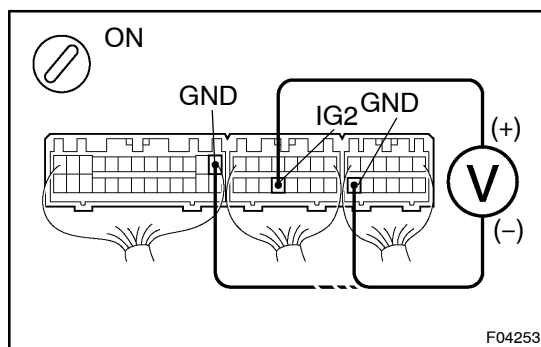
F11394

INSPECTION PROCEDURE

1	Check battery positive voltage.
---	--

OK:**Voltage: 10 – 14 V****NG****Check and repair charging system.****OK**

2	Check voltage between terminals IG2 and GND of ABS ECU connector.
---	--

**PREPARATION:**

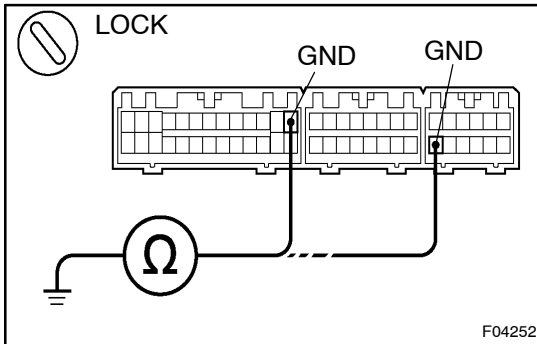
Remove ABS ECU with connectors still connected.

CHECK:

- (a) Turn the motor switch ON.
- (b) Measure voltage between terminals IG2 and GND of ABS ECU connector.

OK:**Voltage: 10 – 14 V****OK****Turn motor switch OFF, check and replace ABS ECU.****NG**

3 Check continuity between terminal GND of ABS ECU connector and body ground.



CHECK:

Measure resistance between terminal GND of ABS ECU connector and body ground.

OK:

Resistance: 1 Ω or less

NG

Repair or replace harness or connector.

OK

Check for open circuit in harness and connector between ABS ECU and auxiliary battery (See page [IN-28](#)).