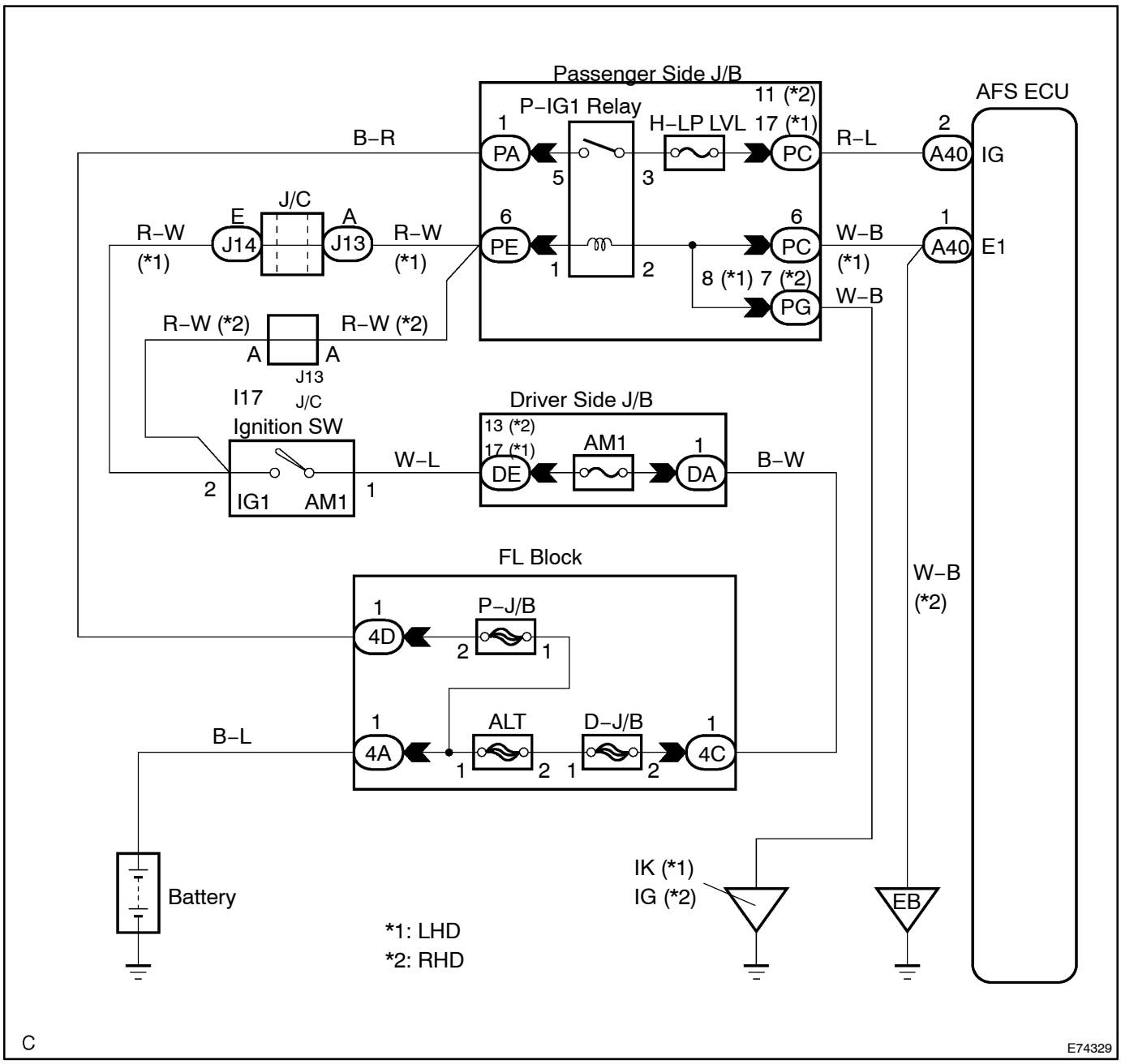
AFS ECU POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

This circuit detects the state of the ignition switch. AFS ECU receives it from ignition switch.

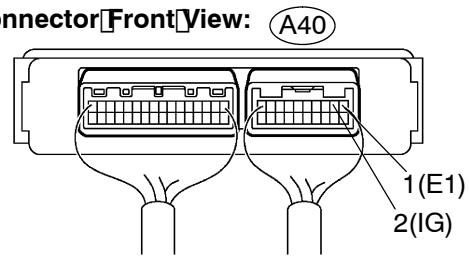
WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT AFS ECU

AFS ECU
Connector Front View:



(a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specified Condition
A40–1 – A40–2	Ignition switch OFF	Below 1 V
A40–1 – A40–2	Ignition switch ON	10 to 14 V

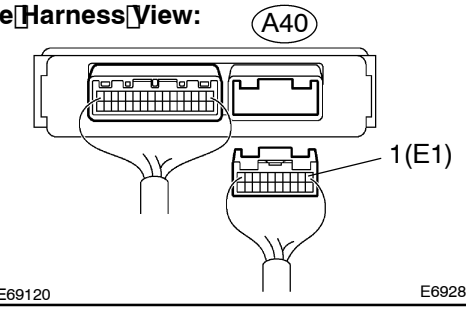
NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1369)

2 CHECK HARNESS AND CONNECTOR(GROUND CIRCUIT)

AFS ECU
Wire Harness View:



(a) Disconnect the A40 connector from the AFS ECU.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Condition	Specified Condition
A40–1 – Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (GROUND CIRCUIT)**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (IGNITION SWITCH CIRCUIT)