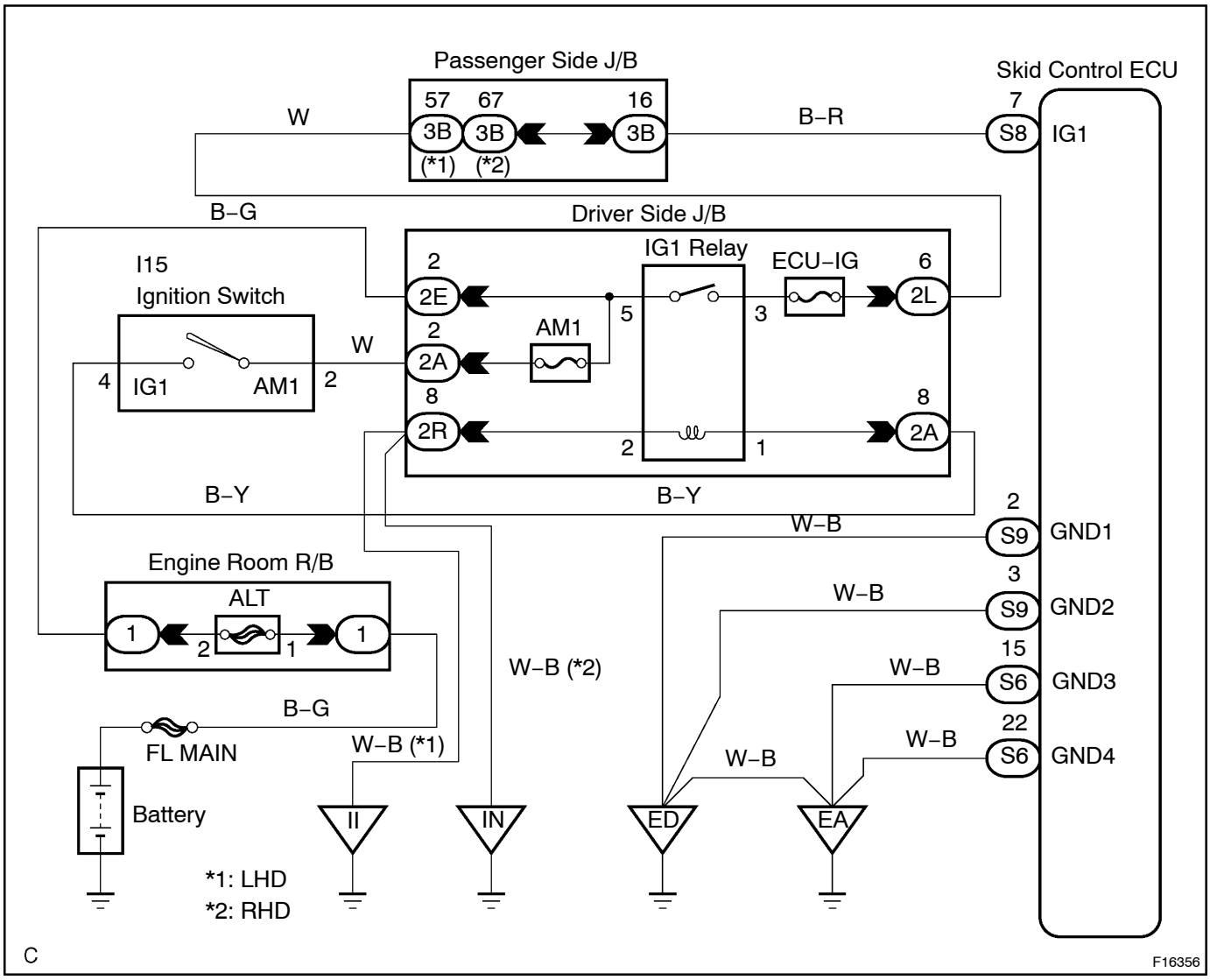
DTC	C1241/41	LOW BATTERY POSITIVE VOLTAGE OR ABNORMALLY HIGH BATTERY POSITIVE VOLTAGE

CIRCUIT DESCRIPTION

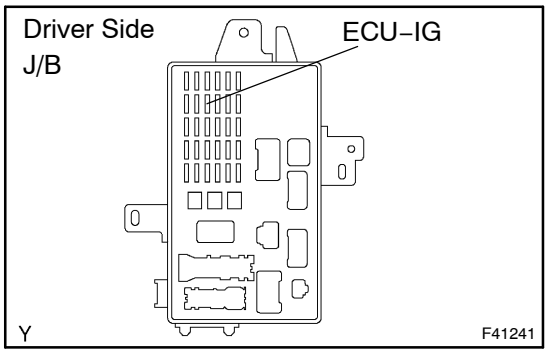
DTC No.	DTC Detecting Condition	Trouble Area
C1241/41	Detection of any of conditions 1. or 2.: 1. Vehicle speed is at 3 km/h (1.9 mph) or higher and voltage of ECU terminal IG1 remains at below 9.5 V for more than 10 sec. 2. The condition that ECU terminal IG1 voltage is more than 17.0 V continues for 1.2 sec. or more.	• Battery • IC regulator • Power source circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT FUSE(ECU–IG OF DRIVER SIDE J/B)



(a) Remove ECU–IG fuse from the driver side J/B.
(b) Check continuity of ECU–IG fuse.
OK: Continuity

NG → **INSPECT FOR SHORT CIRCUIT IN ALL HARNESS AND COMPONENTS CONNECTED TO ECU–IG FUSE**

OK

2 INSPECT BATTERY(TERMINAL VOLTAGE)

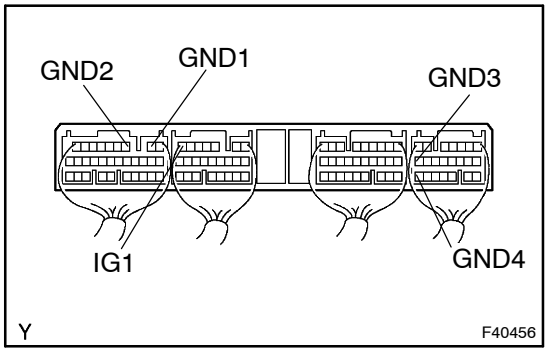
(a) Check the battery positive voltage.
OK: 10 – 14 V

NG → **CHECK CHARGING SYSTEM**

OK

3 CHECK VOLTAGE OF ECU IG POWER SOURCE

IN CASE OF USING THE HAND–HELD TESTER:
(a) Select the DATALIST mode on the hand–held tester.
(b) Check the voltage condition output from the ECU displayed on the hand–held tester.
OK: "Normal" is displayed.



IN CASE OF NO USING THE HAND–HELD TESTER:
(a) Remove the skid control ECU with connectors still connected.
(b) Turn the ignition switch ON, measure voltage between terminals IG1 and GND of skid control ECU connector.
OK: 10 – 14 V

OK → **CHECK AND REPLACE SKID CONTROL ECU ASSY**

NG

4	CHECK CONTINUITY(SKID CONTROL ECU ASSY – BODY GROUND)

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

OK

CHECK AND REPAIR HARNESS AND CONNECTOR