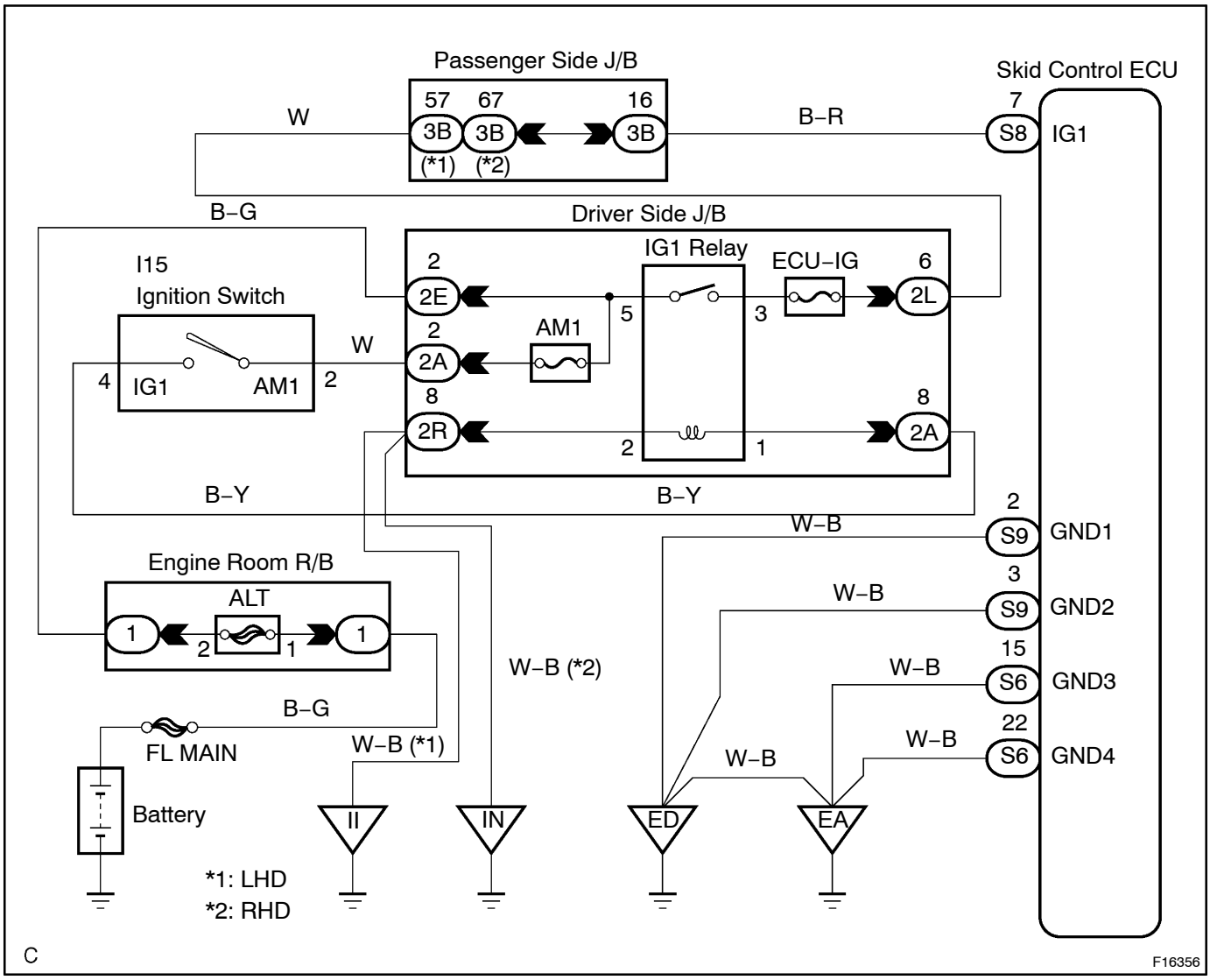
| DTC | C1241/41 | LOW BATTERY POSITIVE VOLTAGE OR ABNORMALLY HIGH BATTERY POSITIVE VOLTAGE |
|---|---|---|

## CIRCUIT DESCRIPTION

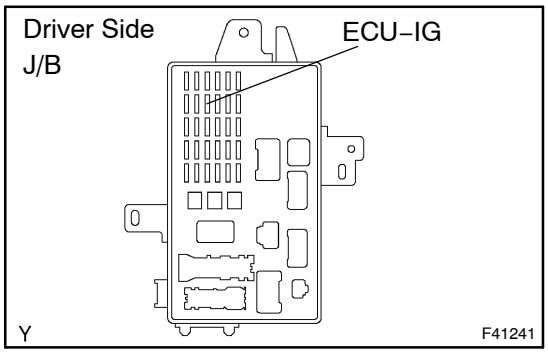
| DTC No. | DTC Detecting Condition | Trouble Area |
|---|---|---|
| C1241/41 | Detection of any of conditions 1. or 2.:<br>1. Vehicle speed is at 3 km/h (1.9 mph) or higher and voltage of ECU terminal IG1 remains at below 9.5 V for more than 10 sec.<br>2. The condition that ECU terminal IG1 voltage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

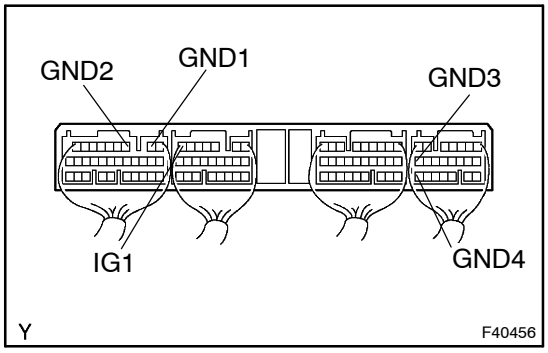
(a) Check the battery positive voltage.
**OK: 10 – 14 V**

**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**