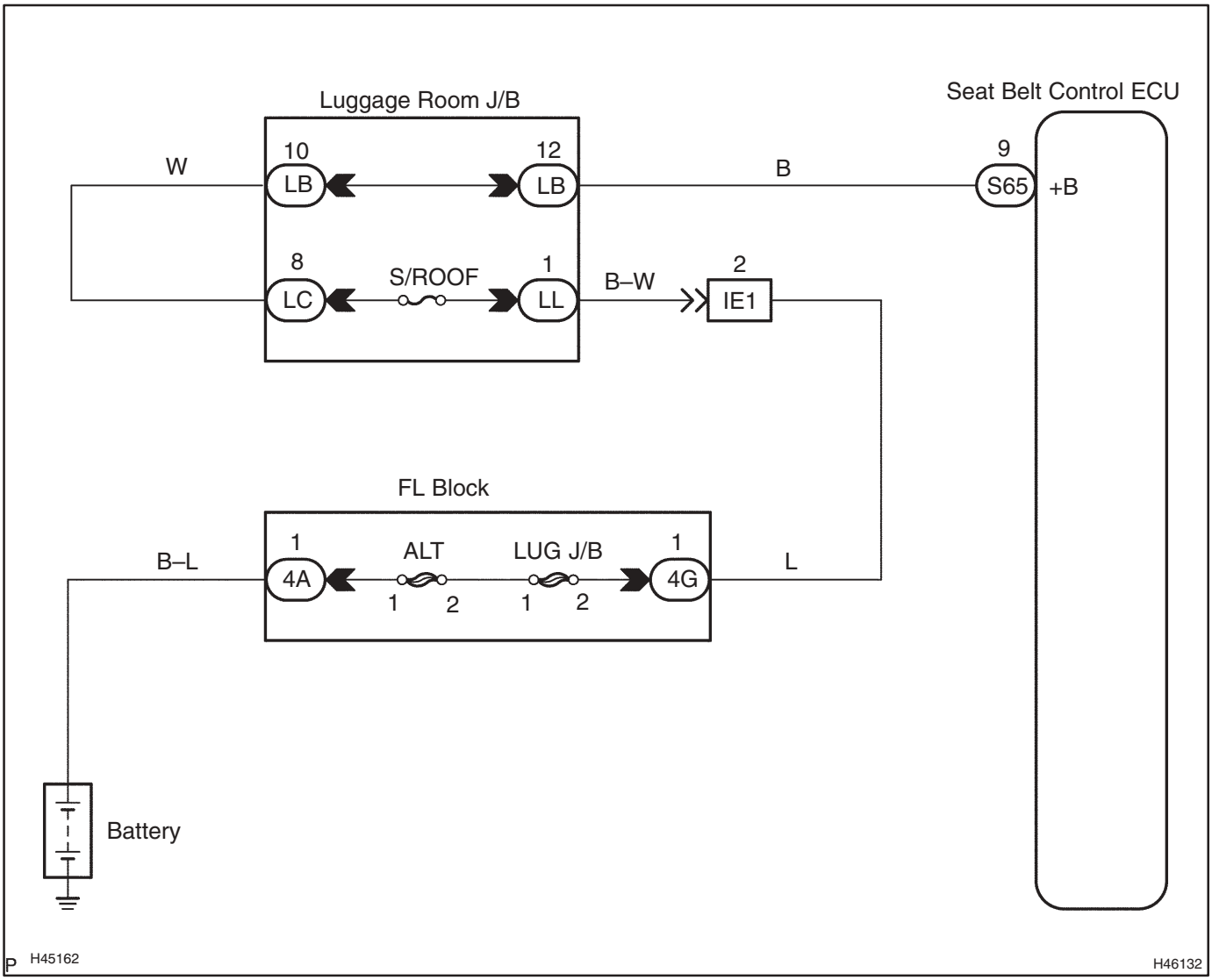
| DTC | B2043 | FALL OF THE +B VOLTAGE |
|---|---|---|

## CIRCUIT DESCRIPTION

This DTCs is output when one of the following occurs:1) the voltage of the seat belt control ECU's +B terminal and IG terminal are not the same, 2) a seat belt control ECU malfunction is detected, or 3) a seat belt control ECU power supply circuit malfunction is detected.

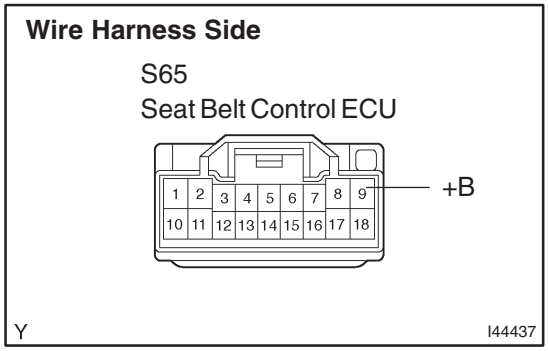
| DTC No. | DTC Detection Condition | Trouble Area |
|---|---|---|
| B2043 | • Voltage of +B terminal and IG terminal of seat belt control ECU are not same<br>• Seat belt control ECU malfunction is detected<br>• Seat belt control ECU power supply circuit malfunction is detected | • Seat belt control ECU<br>• Wire harness (Seat belt control ECU – Battery)<br>• Battery |

## WIRING DIAGRAM



# INSPECTION PROCEDURE

## 1 CHECK WIRE HARNESS (SEAT BELT CONTROL ECU – BATTERY)




(a) Turn the ignition switch OFF.
(b) Disconnect the cable from the negative (–) battery terminal.
(c) Disconnect the S65 ECU connector.
(d) Connect the cable to the negative (–) battery terminal.
(e) Measure the voltage of the wire harness side connector.
**Standard:**

| Tester Connection | Specified Condition |
|---|---|
| S65–9 (+B) – Body ground | 10 to 14 V |

**NG** → **REPAIR OR REPLACE HARNESS AND CONNECTOR (SEAT BELT CONTROL ECU – BATTREY) OR BATTERY**

**OK**

## 2 CHECK DTC

(a) Turn the ignition switch OFF.
(b) Disconnect the cable from the negative (–) battery terminal.
(c) Connect the connector to the seat belt control ECU.
(d) Connect the cable to the negative (–) battery terminal.
(e) Turn the ignition switch ON.
(f) Clear DTCs (see page 05–96).
(g) Turn the ignition switch OFF.
(h) Turn the ignition switch ON.
(i) Check for DTCs (see page 05–96).
**OK: DTC is not output.**

**NG** → **REPLACE SEAT BELT CONTROL ECU (See page 61–1)**

**OK**

**END**