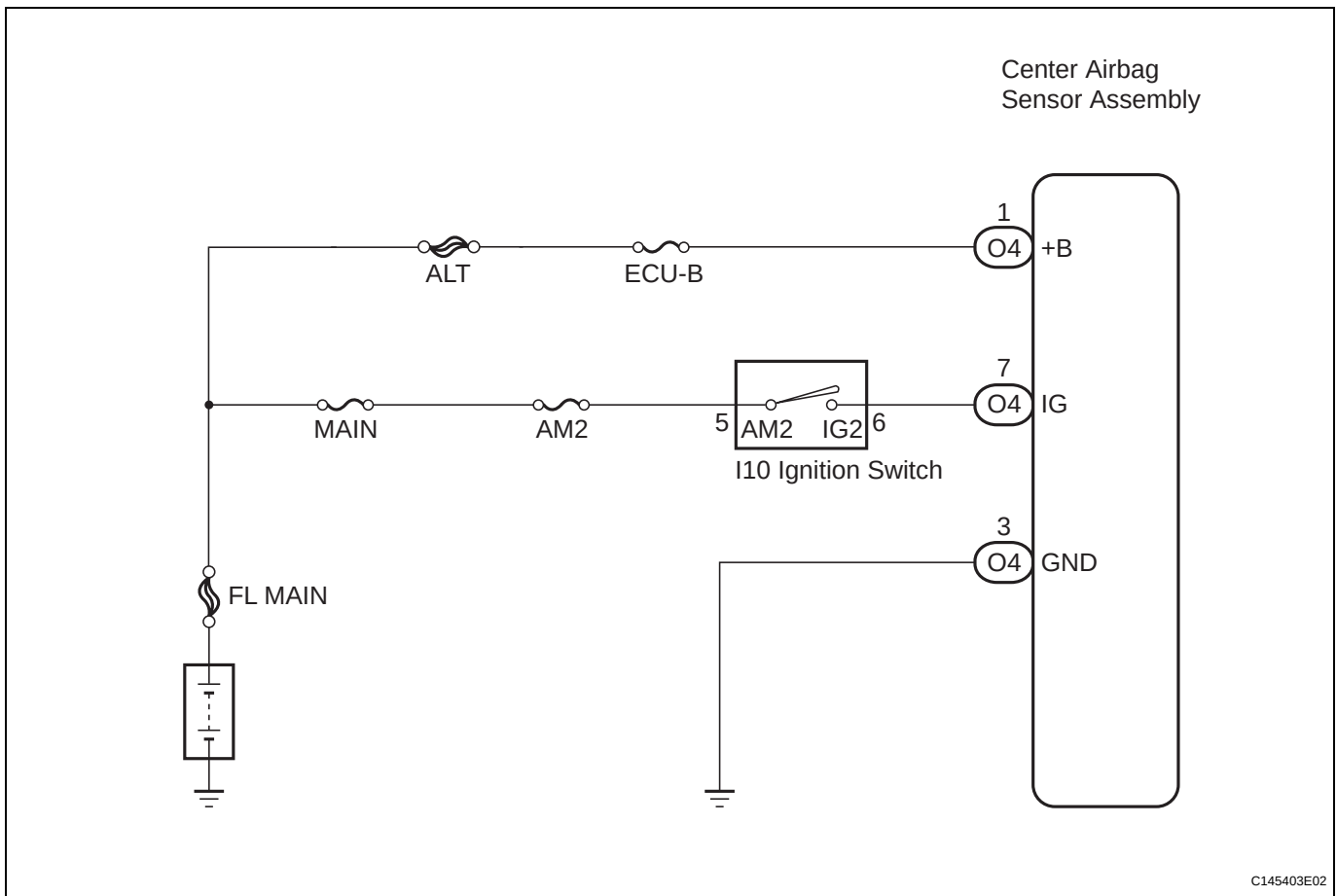


DTC**B1795****Occupant Classification ECU Malfunction****DESCRIPTION**

DTC B1795 is recorded when a malfunction is detected in the occupant classification ECU.
 Troubleshoot DTC B1771 first when the DTCs B1771 and B1795 are output simultaneously.

DTC No.	DTC Detecting Condition	Trouble Area
B1795	- The occupant classification ECU receives the ignition switch LOCK to ON signal 50 times in a row when a malfunction occurs in the power circuit for the occupant classification ECU (LOCK to ON to LOCK should be counted as 1 time). - Occupant classification ECU circuit malfunction - The occupant classification ECU receives a short circuit to ground signal in the passenger side buckle switch circuit for 2 seconds. - Occupant classification ECU malfunction	- Battery - ECU-B Fuse - Floor wire - Front seat wire RH - Front seat inner belt assembly RH (Buckle switch RH) - Occupant classification ECU

WIRING DIAGRAM**INSPECTION PROCEDURE****1****CHECK DTC**

- Turn the ignition switch to the ON position, and wait for at least 10 seconds.
- Check the DTCs (See page [RS-194](#)).

RS

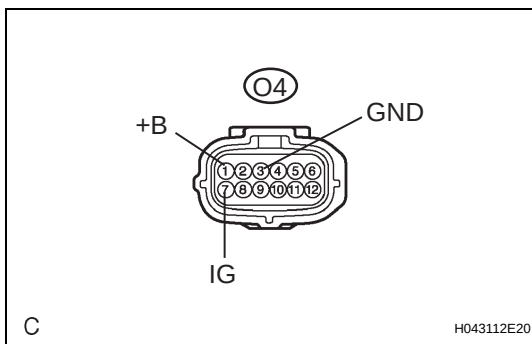
RS

Result:**A:****DTCs B1771 and B1795 are output.****B:****DTC B1795 is output.****HINT:**

Codes other than DTC B1771 and B1795 may be output at this time, but they are not related to this check.

A**GO TO DTC B1771****B****2****CHECK FUSE**

- (a) Measure the resistance of the ECU-B fuse.

Standard resistance:**Below 1 Ω** **NG****REPLACE FUSE****OK****3****CHECK WIRE HARNESS (SOURCE VOLTAGE)**

- (a) Turn the ignition switch to the LOCK position.
 (b) Disconnect the negative (-) terminal cable from the battery.
 (c) Disconnect the connector from the occupant classification ECU.
 (d) Connect the negative (-) terminal cable to the battery.
 (e) Turn the ignition switch to the ON position.
 (f) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester connection	Condition	Specified condition
O4-1 (+B) - Body ground	Always	10 to 14 V
O4-7 (IG) - Body ground	Ignition switch ON	10 to 14 V

- (g) Turn the ignition switch to the LOCK position.
 (h) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester connection	Condition	Specified condition
O4-3 (GND) - Body ground	Always	Below 1 Ω

NG**REPAIR OR REPLACE WIRE HARNESS****OK**

4 REPLACE OCCUPANT CLASSIFICATION ECU

- (a) Turn the ignition switch to the LOCK position.
 - (b) Disconnect the negative (-) terminal cable from the battery.
 - (c) Replace the occupant classification ECU (See page [RS-332](#)).
- HINT:**
Perform the inspection using parts from a normal vehicle if possible.

NEXT**5 PERFORM ZERO POINT CALIBRATION**

- (a) Connect the negative (-) terminal cable to the battery.
 - (b) Connect the intelligent tester to the DLC3.
 - (c) Turn the ignition switch to the ON position.
 - (d) Using the intelligent tester, perform "Zero point calibration" (See page [RS-187](#)).
- OK:**
The "COMPLETED" is displayed.

NEXT**6 PERFORM SENSITIVITY CHECK**

- (a) Using the intelligent tester, perform "Sensitivity check" (See page [RS-187](#)).
- Standard values:**
27 to 33 kg (59.52 to 72.75 lb)

NEXT**END****RS**