

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

DTC B1795 is recorded when a malfunction is detected in the occupant classification ECU.

Troubleshoot the DTC B1771 first when the DTC B1771 and B1795 are output simultaneously.

DTC No.	DTC Detecting Condition	Trouble Area
B1795	- 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	- Front seat wire RH (for Power seat) - Floor wire No. 2 - Front seat inner belt assembly RH (Passenger side buckle switch) - Occupant classification ECU

INSPECTION PROCEDURE**1****CHECK DTC**

- (a) Turn the power switch on (IG), and wait for at least 10 seconds.

- (b) Check the DTCs (See page [RS-248](#)).

Result:

A:

DTC 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 (See page [RS-253](#))

B

2**CHECK FUSE**

- (a) Check the ECU-B fuse.

Resistance:

Below 1 Ω

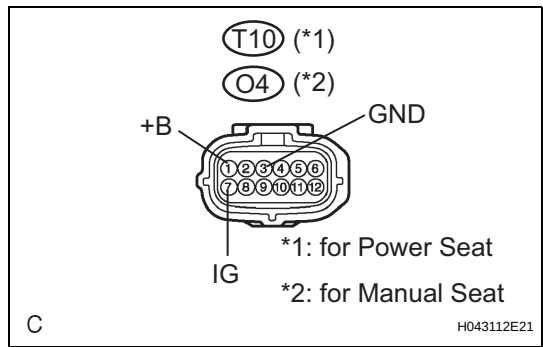
NG

REPLACE FUSE

OK

3

CHECK WIRE HARNESS (SOURCE VOLTAGE)



- (a) Turn the power switch off.
- (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 power switch on (IG).
- (f) Measure the voltage according to the value(s) in the table below.

**Standard voltage:
for Power seat**

Tester connection	Condition	Specified condition
T10-1 (+B) - Body ground	Always	10 to 14 V
T10-7 (IG) - Body ground	Power switch on (IG)	10 to 14 V

for Manual seat

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

- (g) Turn the power switch off.
- (h) Measure the resistance according to the value(s) in the table below.

**Standard resistance:
for Power seat**

Tester connection	Condition	Specified condition
T10-3 (GND) - Body ground	Always	Below 1 Ω

for Manual seat

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 power switch off.
 - (b) Disconnect the negative (-) terminal cable from the battery.
 - (c) Replace the occupant classification ECU (See page RS-248).
- 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 power switch on (IG).
- (d) Using the intelligent tester, perform "zero point calibration" (See page [RS-239](#)).

OK:**"COMPLETED" is displayed.****NEXT****6 PERFORM SENSITIVITY CHECK**

- (a) Using the intelligent tester, perform "sensitivity check" (See page [RS-239](#)).

Standard value:**27 to 33 kg (59.52 to 72.75 lb)****NEXT****END**