DTC	B1796	Sleep Operation Failure of Occupant Classification ECU

DESCRIPTION

During sleep mode, the occupant classification ECU monitors the condition of each sensor while the ignition switch is off. In this mode, if the occupant classification ECU detects an internal malfunction, DTC B1796 is set.

DTC No.	DTC Detections Conditions	Trouble Areas
B1796	Occupant classification ECU malfunction	Occupant classification ECU

HINT:
• When DTC B1650/32 is detected as a result of troubleshooting the supplemental restraint system, perform troubleshooting for DTC B1796 of the occupant classification system.
• Use the intelligent tester to check for DTCs of the occupant classification ECU, otherwise the DTCs cannot be read.

1	CHECK DTC

(a) Turn the ignition switch to the ON position.
(b) Clear any DTCs stored in the memory (See page RS-365).
HINT:
• First clear DTCs stored in the occupant classification ECU and then in the center airbag sensor assembly.
• Use the intelligent tester to clear the DTCs of the occupant classification ECU, otherwise the DTCs cannot be cleared.
(c) Turn the ignition switch to the LOCK position, and wait for at least 10 seconds.
(d) Turn the ignition switch to the ON position.
(e) Using the intelligent tester, check for DTCs of the occupant classification ECU (See page RS-365).
   OK:
      DTC B1796 is not output.
HINT:
DTCs other than B1796 may be output at this time, but they are not related to this check.

OK >	USE SIMULATION METHOD TO CHECK

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2	REPLACE OCCUPANT CLASSIFICATION ECU

(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
(c) Replace the occupant classification ECU (See page RS-631).
HINT:
Perform the inspection using parts from a normal vehicle when possible.

NEXT

3	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 the zero point calibration (See page RS-357).
OK:
   COMPLETED is displayed on the tester.

NEXT

4	PERFORM SENSITIVITY CHECK

(a) Using the intelligent tester, perform the sensitivity check (See page RS-357).
Standard :
   Standard value: 27 to 33 kg (59.52 to 72.75 lb)

NEXT

END

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