

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

AIRBAG WARNING LIGHT ON WITH DTC B00A0:09

Bulletin No.: 08-003/23

Last Issued : 02/28/2023

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted in Red text.

Previous TSBs:	Date(s) Issued:
08-003/22	04/26/22
08-002/21	03/25/21
08-001/20	04/15/20 and 06/10/20

APPLICABLE MODEL(S)/VINS

2016-2020 CX-3 vehicles (US spec only) with VINS lower than JM1DK*****463689 (produced before November 5, 2019)
2017-2020 CX-5 vehicles (US spec only) with VINS lower than JM3KF***** 764404 (produced before December 9, 2019)

NOTE: Mexico spec. vehicles are not applicable to this bulletin as they are not equipped with OCS.

DESCRIPTION

Some customers may experience the airbag warning light ON with DTC B00A0:09 stored in the SAS control module memory when the battery voltage is low.

- DTC B00A0:09 (Occupant classification sensor internal signal output unstable)

This concern is caused by the low voltage detection time of the occupant classification sensor (OCS) being too short during cranking, which causes detection of the DTC unnecessarily. The concern occurs more often in colder weather when greater electric current is consumed to start the vehicle. To eliminate this concern, the OCS has been modified to avoid unnecessary DTC detection.

NOTE:

- Even if the voltage is recovered after the engine is started, the airbag warning light stays ON during the drive cycle.
- When the battery voltage becomes stable after the engine is started, the airbag system will operate normally.

Customers having this concern should have their vehicle repaired using the following repair procedure.

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REPAIR PROCEDURE

1. Verify customer concern.
 2. Replace the passenger seat cushion with a modified one, which includes the modified OCS, by referring to the instructions on MGSS.

- CX-3 (FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION)
- CX-5 (FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION)

3. Verify repair.

PARTS INFORMATION

Use the VIN to lookup the correct part number in the GEPC.

Part Number	Description	Qty.	Notes
DD5C-88-11XD	Heater & Pad (R), Cushion	1	CX-3 with Leather / Leatherette
DD5D-88-11XD	Pad (R), Cushion	1	CX-3 w/out seat heater
DD5E-88-11XD	Heater & Pad (R), Cushion	1	CX-3 Cloth
KN3V-88-11XA	Heater & Pad (R), Cushion	1	CX-5 Leather with seat ventilation
KD1A-88-11XD	Heater & Pad (R), Cushion	1	CX-5 Leather w/out seat ventilation
KB7W-88-11XC	Cushion, Front Seat-Sub	1	CX-5 Cloth w/out seat heater
KB8R-88-11XC	Heater & Pad (R), Cushion	1	CX-5 Cloth with seat heater
KB8D-88-11XD	Heater & Pad (R), Cushion	1	CX-5 with Leatherette
KBY1-88-11X	Heater & Pad (R), Cushion	1	CX-5 with Leather

NOTE: KBY1-88-11X is the modified part for KB8E-88-11XC.

WARRANTY INFORMATION**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's **Safety Warranty for 5 years/60K miles**.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
Part Number Main Cause	****-88-11X*
Quantity	1
Operation Number / Labor Hours:	XXS2GXRX / 0.8 Hrs.

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