

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

AIRBAG WARNING LIGHT ON WITH DTC B00A0:09

Bulletin No.: 08-002/21

Last Issued : 03/25/2021

BULLETIN NOTES

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

Previous TSBs:	Date(s) Issued:
08-001/20	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.

Page 1 of 2

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

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/o 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/o seat ventilation
KB7W-88-11XC	Heater & Pad (R), Cushion	1	CX-5 Cloth with 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 New Vehicle Limited Warranty term.
- 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.

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.