

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

SBS/SCBS, LAS/LDWS AND/OR HBC WARNING LIGHTS ON WITH
DTC U3000:04-0A [FORWARD SENSING CAMERA (FSC)] STORED

Bulletin No.: 15-002/21

Last Issued : 07/09/2021

BULLETIN NOTES

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

Previous TSBs:	Date(s) Issued:
15-002/19	02/04/19 and 03/22/19

APPLICABLE MODEL(S)/VINS

2020-2021 Mazda2 (Mexico built) vehicles with VINs lower than 3MDDJ*****407509 (produced before Feb. 25, 2021)
2017-2018 Mazda3 (Japan built) vehicles with VINs lower than JM1BN*****199538 (produced before Oct. 31, 2018)
2017-2018 Mazda3 (Mexico built) vehicles with VINs lower than 3MZBN*****277187 (produced before Dec. 20, 2018)
2017-2021 Mazda6 vehicles with VINs lower than JM1GL*****610739 (produced before Feb. 22, 2021)
2018-2021 CX-3 vehicles with VINs lower than JM1DK*****513108 (produced before Feb. 22, 2021)
2017-2020 CX-5 vehicles with VINs lower than JM3KF*****869654 (produced before Aug. 24, 2020)
2021 CX-5 (with 8" center display) vehicles with VINs lower than JM3KF*****128714 (produced before Feb. 22, 2021)
2021 CX-5 (with 10.25" center display) vehicles with VINs lower than JM3KF*****382235 (produced before Feb. 22, 2021)
2018-2020 CX-9 vehicles with VINs lower than JM3TC*****424641 (produced before Jul. 13, 2020)
2021 CX-9 (with 7" or 9" display) vehicles with VINs lower than JM3TC*****454269 (produced before Feb. 22, 2021)
2021 CX-9 (with 10.25" display) vehicles with VINs lower than JM3TC*****521780 (produced before Feb. 22, 2021)
2019-2021 MX-5 vehicles with VINs lower than JM1ND*****454945 (produced before Feb. 22, 2021)

NOTE: This Service Information is only applicable to vehicles equipped with Forward Sensing Camera (FSC).

DESCRIPTION

Some customers may experience a SBS/SCBS, LAS/LDWS and/or HBC warning light on. A system error message may also be found in the center display.




- DTC U3000:04-0A (Forward sensing camera (FSC) internal malfunction)



Master Warning Light

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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.

	Smart Brake Support/Smart City Brake Support (SBS/SCBS) Indicator Light
	Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) Warning Light
	High Beam Control (HBC) system Warning Light (amber)

DTC U3000:04-0A (Forward sensing camera (FSC) internal malfunction) is stored in the FSC module and cannot be erased. This concern may be caused by a hardware failure of an internal device of the FSC, which results in a malfunction detection. To eliminate this concern, the production process of the FSC has been modified.

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

REPAIR PROCEDURE

1. Verify the customer concern.
2. Using Mazda Modular Diagnostic System (M-MDS), verify DTC U3000:04-0A (FSC) is stored in memory.
 - If other DTC(s) are stored, diagnose them according to the instructions on MGSS online.
3. Replace the FSC with a modified one according to the instructions on MGSS online:
 - **Mazda2:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - **Mazda3:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - **Mazda6:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - **CX-3:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - **CX-5:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - **CX-9:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - **MX-5:** FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
4. Verify the repair.

PARTS INFORMATION

Parts Number	Description	Qty.	Notes
KDD1-67-XCX	Forward Sensing Camera	1	Also for B61L-67-XCX*
GSH7-67-XCXN	Forward Sensing Camera	1	---

NOTE: Use the VIN to look up the correct part number in the GEPC.

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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	62
Damage Code	9W
Part Number Main Cause	KDD1-67-XCX or GSH7-67-XCXN
Quantity	1
Operation Number / Labor Hours:	XXPBMXRX / 0.4 Hrs.

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