

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.: 15-002/19

Last Issued: 03/22/2019

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	02/04/2019

APPLICABLE MODEL(S)/VINS

US Spec.:

2017-2018 Mazda3 (Japan built) vehicles with VINs lower than JM1BM*****187513 (produced before February 19, 2018)

2017-2018 Mazda3 (Mexico built) vehicles with VINs lower than 3MZBN*****208153 (produced before February 19, 2018)

2017-2018 Mazda6 vehicles with VINs lower than JM1GL*****303942 (produced before February 19, 2018)

2018 CX-3 vehicles with VINs lower than JM1DK*****332133 (produced before February 19, 2018)

2017-2018 CX-5 vehicles with VINs lower than JM3KF*****363837 (produced before February 19, 2018)

2018 CX-9 vehicles with VINs lower than JM3TC*****224272 (produced before February 19, 2018)

Mexico Spec.:

2017-2019 Mazda6 vehicles with VINs lower than JM1GL*****303942 (produced before February 19, 2018)

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)

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.

	Master Warning Light
	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:
 - 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)
4. Verify the repair.

PARTS INFORMATION

Parts Number	Description	Qty.	Notes
B61L-67-XCXT	Forward Sensing Camera	1	---

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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	B61L-67-XCXT
Quantity	1
Operation Number / Labor Hours:	XXPBMXRX / 0.4 Hrs.

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