

Service Bulletin

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Subject:

LDWS OR ALH WARNING LIGHT ON WITH DTC C1001:92

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APPLICABLE MODEL(S)/VINS

2016 CX-3 vehicles equipped with Mazda Radar Cruise Control (MRCC) system and VINs lower than JM1 DK ***** 110912 (produced before July 22, 2015)

2016 CX-5 vehicles with VINs from JM3 KE ***** 600001-688684 (produced before July 06, 2015)

2016 Mazda6 vehicles with VINs from JM1 GJ ***** 400001-440633 (produced before July 06, 2015)

DESCRIPTION

Some vehicles may experience one of the following 2 symptoms, even though the windshield is clear:

	Model	Symptom	Warning Light
1	CX-3 CX-5 Mazda6	Lane Departure Warning System (LDWS) warning light turns on at idle. DTC C1001:92 (Poor functioning of Forward Sensing Camera (FSC)) is stored in memory.	
2	CX-5 Mazda6	Adaptive LED Headlights (ALH) warning light turns on while driving. DTC C1001:92 (Poor functioning of Forward Sensing Camera (FSC)) is stored in memory.	

Under certain driving conditions, the Forward Sensing Camera (FSC) may detect a dirty windshield (not clear). Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.
2. Replace the forward sensing camera (FSC). Refer to MS3 online or Workshop Manual section 15-20:
 - CX-3 (w/MRCC) - FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - CX-5 - FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
 - Mazda6 - FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
3. Verify repair.

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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.

PART(S) INFORMATION

Model	Part Number	Description	Qty.	Notes
CX-3	DD2J-67-XCX	CAMERA, FORWARD SENSING	1	Modified part can be identified with following conditions: - Last three digits of Serial Number (A) are 215. - Last three digits of Serial Number (A) are 100 and a green dot marking (B) on the label. 
CX-5 Mazda6	GMG6-67-XCXC	CAMERA, FORWARD SENSING	1	With SBS
	GML8-67-XCXC	CAMERA, FORWARD SENSING	1	Without SBS

NOTE: Use GEPC with VIN to lookup the latest part number.

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.

	CX-3	CX-5, Mazda6
Warranty Type	A	A
Symptom Code	6X	6X
Damage Code	9W	9W
Diagnostic Trouble Code (DTC)	C1001:92	C1001:92
Part Number Main Cause	DD2J-67-XCX	GMG6-67-XCXC or GML8-67-XCXC
Quantity	1	1
Operation Number / Labor Hours:	XXL7TXRX / 0.4 Hrs.	XXL7TXRX / 0.5 Hrs.

NOTE:

- Warranty claim submission will require entry of a valid DTC.
- Labor Hours includes DTC reading and FSC aiming.