

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

15-004/17 - LDWS OR HBC WARNING LIGHT ON WITH DTC C1001:92

Bulletin No.: 15-004/17

Last Issued: 05/11/2017

BULLETIN NOTES

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

Previously issued TSBs:	Date issued:
15-001/16	03/31/2016, 01/11/2016
15-001/15	10/14/2015

APPLICABLE MODEL(S)/VINS

2016 MX-5 vehicles with VINs lower than JM1 ND ***** 109026 (produced before December 17, 2015)

DESCRIPTION

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

	Symptom	Warning Light
1	Lane Departure Warning System (LDWS) warning light turns ON while stopping or driving at a very slow speed. DTC C1001:92 (Poor functioning of Forward Sensing Camera (FSC)) is stored in memory.	
2	High Beam Control (HBC) System warning light turns ON while stopping or driving at a very slow speed. 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

NOTE FOR CUSTOMER: The FSC may not work properly under the conditions:

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- The windshield is not clear.
- The FSC lens is not clear.
- Driving in heavy rain, dense fog or snow, or into the sun.
- Driving on a road with no or blurred road lane markings.

When the windshield becomes foggy in the winter time or other cold weather conditions and LDWS/HBC warning lights turn on, drive with the defroster on for about 10 minutes. This will help clear the foggy windshield at the FSC.

1. Verify customer concern.
2. Replace the forward sensing camera (FSC). Refer to MGSSonline or Workshop Manual FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION
3. Verify repair.

PARTS INFORMATION

Model	Part Number	Description	Qty.
MX-5	N243-67-XCXA	CAMERA, FORWARD SENSING	1

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
Diagnostic Trouble Code (DTC)	C1001:92
Part Number Main Cause	N243-67-XCXA
Quantity	1
Operation Number / Labor Hours	XXL7TXRX / 0.5 Hrs.

NOTE:

- Warranty claim submission will require entry of a valid DTC.
- Labor Hours includes DTC reading and FSC aiming.
- Attach respective log file of M-MDS session.

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