

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

i-ACTIVSENSE/ALH WARNING LIGHTS ON WITH DTC U3000:04
[FORWARD SENSING CAMERA (FSC)] STORED

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BULLETIN NOTES**APPLICABLE MODEL(S)/VINS**

2019-2021 Mazda3
2020-2021 CX-30
2022 MX-30

DESCRIPTION

Some vehicle may experience the i-ACTIVSENSE/ALH warning lights on and a system error messages may be found in the center display as well.

- DTC U3000:04 (FSC) is stored in memory
- DTC U3000:04 (FSC) - Forward sensing camera (FSC) internal malfunction

This may be caused by a hardware failure in an internal device of the FSC that results in the malfunction detection. To eliminate this concern, the production process of the FSC has been modified.

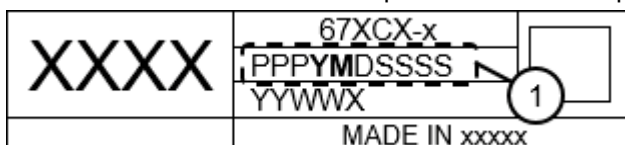
Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Replace the FSC with a modified one according to the instructions on MGSS.
 - Mazda3 (FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION)
 - CX-30 (FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION)
 - MX-30 (FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION)
3. Verify the repair.

PARTS INFORMATION

[Mazda3 (Japan built) and MX-30] The part number has not been changed for the modification. If the serial number (1) on the label attached to the service part has a date of April 2021 or later, it is a modified part.



4th letter of the serial number (Y)

L: 2021, M: 2022

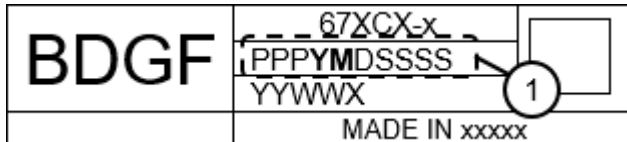
5th letter of the serial number (M)

4: April, 5: May,...A: October,...

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If the obtained part has a part number with a later suffix (such as “BDGF-67-XCXP or later”, “DFR5-67-XCXK or later”, or “BEST-67-XCXD or later”), it is a modified part. There is no need to check the serial number.

[Mazda3 (Mexico built) and CX-30] The part number has not been changed for the modification. If the serial number (1) on the label attached to the service part has a date of February 2021 or later, it is a modified part.



4th letter of the serial number (Y)

L: 2021, M: 2022

5th letter of the serial number (M)

2: February, 3: March,... A: October,...

[All vehicles]

Use VIN to lookup correct part number in GEPC.

Parts Number	Description	Qty.	Notes
BDGF-67-XCXN	Camera, Forward Sensing	1	Mazda3 (Mexico built) and CX-30
DFR5-67-XCXJ	Camera, Forward Sensing	1	Mazda3 (Japan built)
BEST-67-XCXC	Camera, Forward Sensing	1	MX-30

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	****-67-XCX*
Quantity	1
Operation Number / Labor Hours:	XXT88ARX / 0.4 Hrs. (Mazda3) XXT88XRX / 0.5 Hrs. (CX-30 and MX-30)

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