

Subject:

BSM OFF INDICATOR ON WITH DTC U1A4B:97 OR U3000:97

Bulletin No: 15-002/15

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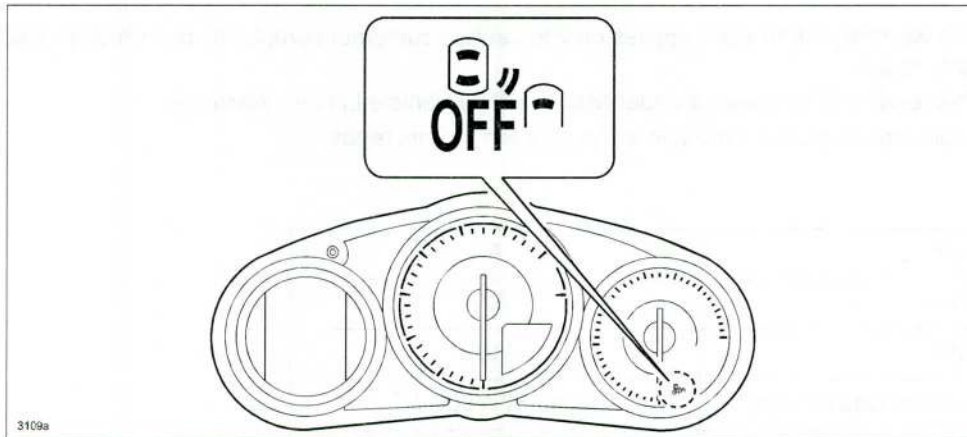
APPLICABLE MODEL(S)/VINS

2016 MX-5 vehicles with VINs lower than JM1ND*****104338 (produced before August 20, 2015)

DESCRIPTION

Some vehicles with Blind Spot Monitoring (BSM) may experience the following conditions (similar to when the BSM control modules detect dirt on the rear bumper surface):

- The BSM turns "OFF" and the BSM OFF indicator turns "ON" in the instrument cluster while driving
- The BSM will not turn on again during the drive cycle
- After cycling the ignition switch off and on again, the BSM operates normally
- DTC U1A4B:97 or U3000:97 is stored in memory
 - DTC U1A4B:97 - Radar sensor sensitivity temporarily decreases depending on various external and environmental factors (blind spot monitoring (BSM) control module (RH))
 - DTC U3000:97 - Radar sensor sensitivity temporarily decreases depending on various external and environmental factors (blind spot monitoring (BSM) control module (LH))



To correct this problem, the control logic of the BSM control modules has been changed.

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

REPAIR PROCEDURE

1. Verify customer concern.
2. Replace both the BSM control modules with modified ones according to the instructions on MS3 online or the Workshop Manual (section 09-10 BLIND SPOT MONITORING (BSM) CONTROL MODULE REMOVAL/INSTALLATION).

NOTE: The Doppler Radar Simulator Tool, required for radar aiming of the BSM system, is available for loan on Mazda e-store. Refer to TSB 00-001/15 - Special Service Tool Loaner Announcement - August 2015.

3. Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.
N243-67-Y80C	Module (R), Lane Change Aid	1
N243-67-Y90C	Module (L), Lane Change Aid	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.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	62
Damage Code	9W
Part Number Main Cause / Qty.	N243-67-Y80C / 1
Operation Number / Labor Hours:	XXL93XRX / 1.1 Hrs. (Includes rear bumper assembly removal/installation and BSM radar sensor aiming)