



|   |                                     |
|---|-------------------------------------|
| <b>Subject:</b><br><b>BLIND SPOT MONITORING (BSM) INOPERATIVE AFTER COLD SOAK</b> | <b>Service Alert No.:</b> SA-015/21 |
|   | <b>Last Issued:</b> 02/02/2021      |

## APPLICABLE MODEL(S)/VINS

2016-2017 CX-3 USA/Canada Spec  
2016-2019 CX-3 Mexico Spec  
2016-2021 MX-5

**NOTE:** For 2018-2019 CX-3 USA/Canada Spec with VINs lower than JM1DK\*\*\*\*\*421539 (produced before September 3, 2018), refer to TSB [15-004/18](#)

## DESCRIPTION

Some customers may complain that the Blind Spot Monitoring (BSM) system is inoperative. The symptoms may include:

- When the ignition is switched ON, the warning indicator light turns ON momentarily and then turns off after a few seconds.
- The BSM system does not operate after 1st key cycle (cold soak)
- No DTC's stored in memory
- BSM system will function normally after 2nd key cycle and the vehicle is driven on the street.

Use the Repair Procedure below to correct the customers concern.

## REPAIR PROCEDURE

1. Verify customer concern.

**NOTE:** For 2018-2019 CX-3 USA/Canada Spec with VINs lower than JM1DK\*\*\*\*\*421539 (produced before September 3, 2018), refer to TSB [15-004/18](#)

2. Perform DCA-8000 battery test. What are the results of the DCA-8000 battery test?

- Battery Failed: Replace the battery using standard warranty process.
- Battery Passed:
  - Contact Hotline and provide DCA-8000 battery test results.
  - Replace the battery (DSM authorization is required - see Warranty Information).

**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.

3. Verify repair.

**PARTS INFORMATION**

| Parts Number      | Description | Qty. |
|-------------------|-------------|------|
| Use GEPC with VIN | Battery     | 1    |

**WARRANTY INFORMATION**

- 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.
- DSM authorization is required for installation of a battery that passed DCA-8000 battery test.

| DCA-8000 battery test results   | ---                 | Bad                                   | Good  |
|---------------------------------|---------------------|---------------------------------------|---|
| Warranty Type                   | A                   | Use standard battery warranty process | 1. DSM authorization is required<br>2. Contact Hotline and provide DCA-8000 battery test results. |
| Symptom Code                    | 64                  |                                       |   |
| Damage Code                     | 9W                  |                                       |   |
| Part Number Main Cause          | 5555-RP-BSM         |                                       |   |
| Quantity                        | 0                   |                                       |   |
| Operation Number / Labor Hours: | XXP71XFX / 0.3 Hrs. |                                       |   |

**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.