



<b>Subject:</b>  <b>TCS/DSC AND SCBS WARNING WITH DTC C0051:62</b>	<b>Bulletin No.:</b> 04-006/20
	<b>Last Issued:</b> 05/06/2020

## APPLICABLE MODEL(S)/VINS

### Mexico / Puerto Rico Spec.:

2016-2019 Mazda2 (with DSC) vehicles with VINs lower than 3MDDJ\*\*\*\*\*318274 (produced before Sep. 26, 2019)

## DESCRIPTION

Some customers may experience a TCS/DSC warning light and SCBS warning light (amber) illumination with DTC C0051:62 stored in PCM memory.

- **DTC C0051:62** - EPS control module[when the vehicle is driven in a straight line, the difference between the steering angle (calculated by each sensor) and the steering angle (from the steering angle sensor) is greater than the specification].

This concern most likely occurs during the following situations:

- When the vehicle is turning in reverse, right after starting the engine.
- When the vehicle is going over a bump or a curb, right after starting the engine.

This concern may be caused when the DSC HU/CM performs the steering center position calibration. During the learning process, if a shock is applied to the vehicle by a bump or curb etc., the steering center position may not be properly detected and creates a steering center position error. To eliminate this concern, the DSC HU/CM control software 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 DSC HU/CM with a modified one according to MGSS online (DSC HU/CM REMOVAL/INSTALLATION).
3. Verify the repair.

**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.

**PARTS INFORMATION**

Parts Number	Description	Qty.	Notes
DBY1-43-7A0B	Hydraulic Unit	1	Mexico
DBY4-43-7A0B	Hydraulic Unit	1	Puerto Rico
DGY6-43-7A0A	Hydraulic Unit	1	North America (with TPMS)
DGY7-43-7A0A	Hydraulic Unit	1	All except Europe

**NOTE:** Use the VIN to look up the applicable part number in the GEPC.

**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	****-43-7A0A*
Quantity	1
Operation Number / Labor Hours:	XXS2XNRX / 1.1 Hr. (with rear drum brakes) XXS2XRRX / 1.7 Hr. (with rear disc brakes)

**NOTE:** Claim brake fluid for brake fluid air bleeding as necessary using p/n 5555-BK-001 (qty. 1L max.)

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