Service Bulletin

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Subject:	Bulletin No: 04-003/13
TCS / DSC INDICATOR LIGHT ON WITH DTC C0051:62 / TPMS WARNING LIGHT ON	Last Issued: 09/17/2013

APPLICABLE MODEL(S)/VINS

2013-2014 CX-5 vehicles with VINs lower than JM3KE******327882 (produced March 4, 2013)

DESCRIPTION

Some vehicles may experience the TCS/DSC indicator light and the TPMS warning light both ON with DTC C0051:62 stored in memory.

- DTC C0051:62 - The difference between the initial learned value of the steering angle (as calculated by each sensor) and the steering angle (as calculated by the steering angle sensor) while driving in a straight line, has exceeded its allowable tolerance (or threshold).

NOTE: For vehicles equipped with the Smart City Brake System (SCBS), the master warning light also comes ON with the message "SCBS Inspection Required" in the display.

The symptoms may occur when the following conditions are met:

- After starting the engine, the vehicle is driven backwards while the steering wheel is turned to the left or to the right. The vehicle is then driven forward and begins accelerating while the steering wheel is still turned.

To eliminate this concern, the DSC HU/CM software has been changed.

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

REPAIR PROCEDURE

1. Verify the customer concern.
2. Verify that DTC C0051:62 is stored in memory.
3. Verify that all of the following statements are true:
   - The customer stated that the symptom occurred after the vehicle was driven backwards with the steering wheel turning.
   - There are no EPS CM related DTCs stored in memory.
   - Even if an EPS CM related DTC is stored in memory, there is no failure found with the EPS CM.
4. If the statements above are found to be true, replace the DSC HU/CM with a modified part according to the on-line instructions on MS3 or the Workshop Manual (section 04-15 DSC HU/CM REMOVAL/INSTALLATION).
5. 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.

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PART(S) INFORMATION

Model Year	Part Number	Description	Qty.
2013 CX-5	K0Y1-43-7A0C	Hydraulic Unit-ABS	1
2014 CX-5	KJY1-43-7A0B	Hydraulic Unit-ABS	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 the New Vehicle Limited Warranty and California Emission Warranty (long term), where applicable.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
DTC	C0051
Part Number Main Cause	K0Y1-43-7A0C or KJY1-43-7A0B
Quantity	1
Operation Number / Labor Hours	XXJ9YXRX / 1.0 Hrs.