Service Bulletin

Mazda North American Operations Irvine, CA 92618-2922



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Subject:

CHECK ENGINE LIGHT ON WITH DTC P0452:00 AND/OR P0453:00

Bulletin No: 01-008/14

Last Issued: 04/01/2014

APPLICABLE MODEL(S)/VINS

2013-2015 CX-5 with VINs lower than JM3KE*****438362 (produced before Jan. 27, 2014)

DESCRIPTION

Some vehicles may exhibit a condition where the Check Engine Light illuminates immediately after the engine is started and DTC P0452:00 and/or P0453:00 is stored in memory.

- P0452:00 Fuel tank pressure sensor low input
- P0453:00 Fuel tank pressure sensor high input

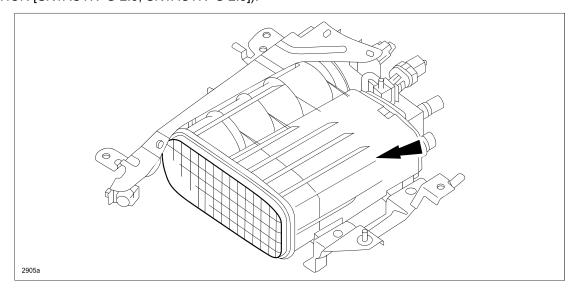
This concern may be caused by ants entering the FTP sensor through an opening (to atmosphere). The ants bite and eventually damage the wiring, which results in an improper FTP sensor output.

To eliminate this concern, the inside of the opening pipe (to atmosphere) has been modified to prevent ants from entering.

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

REPAIR PROCEDURE

- 1. Verify the customer concern.
- 2. Replace the charcoal canister assembly (includes FTP sensor) with a modified part according to the instructions on MS3 online or the Workshop Manual (section 01-16 CHARCOAL CANISTER REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]).



3. Verify the repair.

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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

Part Number	Description	Qty.	Applicable VIN Range
PE1C-13-96ZA	Charcoal Canister	1	JM3KE*****299999 and lower
PY1J-13-96ZA	Charcoal Canister	1	JM3KE*****300001 and higher

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 or Calif. Emission Warranty Short Term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
Part Number Main Cause	PE1C-13-96ZA or PY1J-13-96ZA
Quantity	1
Operation Number / Labor Hours:	XXK5BXRX / 0.4 Hrs.