

Service Alert

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

**CHECK ENGINE LIGHT COMES ON WHEN DRIVING WITH P3400
STORED IN PCM**

Service Alert No.: SA-015/19

Last Issued: 05/20/2019

BULLETIN NOTES

This Service Alert supersedes the previously issued Service Alert(s) listed below: The changes are noted in Red.

Previous Service Alert(s):	Date(s) Issued:
SA-015/19	04/08/19

APPLICABLE MODEL(S)/VINS

2018 Mazda6
2018-2019 CX-5
2019 Mazda3

DESCRIPTION

If you receive a customer concern with the check engine light coming on and DTC P3400 (cylinder deactivation system malfunction) stored, perform the inspection in the Repair Procedure.

REPAIR PROCEDURE

1. Remove the valve cover and inspect for any rocker arms that are broken or have fallen off, especially in the cylinder deactivation area (cylinders 1 and 4). Refer to SA-041/18 if found.
2. Remove the front and rear oil control valves for cylinder deactivation and inspect the oil control valves and cylinder head port for contamination or debris (see photo).
 - If contamination or debris is found:
 - Photograph your findings and place the solenoid and debris in separate plastic bags for collection. Mark on each bag the location where contamination was found.
 - Remove oil filter and drain the oil from it. Place the oil filter in a separate bag for collection.
 - Contact Hotline for instructions on creating a case where you can attach the photos. All of the parts will be collected.
 - Collect service history.

Page 1 of 2

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.

- If there is no sign of contamination or debris, proceed with normal diagnosis for DTC P3400 according to the instructions on MGSS.



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