

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: 04/08/2019

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, then contact Hotline for instructions on creating a case where you can attach the photos.
- 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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