Mazda North American Operations Irvine, CA 92618-2922



Subject: ENGINE RUNS ROUGH AND/OR LACK OF POWER WITH DTCs P0340:00, P0304:00, P3400:00, P349B:00, P3498:00	Service Alert No.: SA-022/19
	Last Issued: 05/29/2019

## **BULLETIN NOTES**

This service alert supersedes the previously issued service alert(s) listed below. The changes are noted in Red text.

Previous Service Alerts:	Date(s) Issued:
SA-041/18	12/06/2018

#### APPLICABLE MODEL(S)/VINS

2018-2019 CX-5 with cylinder deactivation 2018-2019 Mazda6 with cylinder deactivation

## DESCRIPTION

If you receive a customer complain of lack of power, rough idle, engine noise with stored DTC's P0340:00, P0304:00, P3400:00, P349B:00, and/or P3498:00, perform the following.

# **REPAIR PROCEDURE**

### **INSPECTION PROCEDURE**

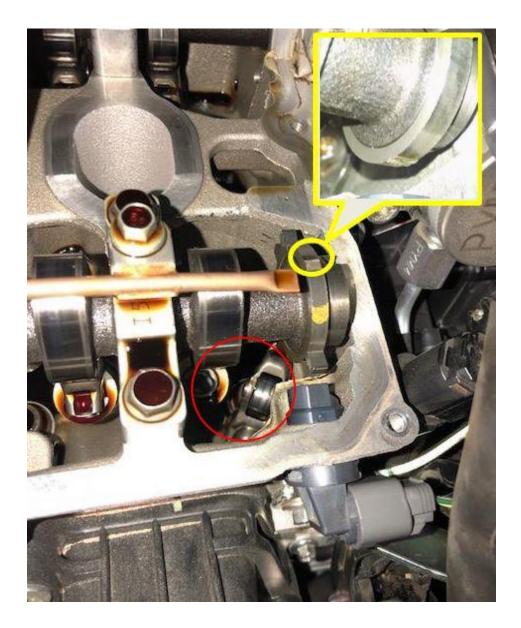
- 1. Remove cylinder head cover and inspect valvetrain area.
- 2. Inspect for fallen or broken rocker arm, especially in cylinder deactivation area (cylinders 1 and 4).
- 3. Verify engine oil change records.
- 4. Submit pictures of fallen rocker arm, camshaft trigger wheel and engine oil filter cartridge to Siebel.

### **REPAIR PROCEDURE**

- 1. Collect ODR.
- 2. Contact Technical Assistance Hotline for engine replacement authorization via MASH.

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