

Subject: ROUGH IDLE AND/OR MIL ON WITH DTC P0300, P0301, P0302, P0303 OR P0304 IN COLD TEMPERATURE	Bulletin No: 01-002/17 Last Issued: 01/13/2017
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BULLETIN NOTE

This bulletin supersedes the previously issued bulletin(s) listed below: The changes are noted in Red beside the change bars.

Previously issued TSBs:	Date issued:
01-011/16	06/20/2016, 04/15/2016

APPLICABLE MODEL(S)/VINS

2014-2016 Mazda3

2014-2016 Mazda6

2016-2017 CX-3

2013-2016 CX-5

DESCRIPTION

When the engine is started for the first time after parking the vehicle overnight in cold conditions (below 32 degrees Fahrenheit / 0 degrees Celsius), some vehicles may exhibit a rough idle and/or the check engine light on with any of the following DTC(s) stored in memory.

- P0300 - Random misfire detected
- P0301 - Cylinder No.1 misfire detected
- P0302 - Cylinder No.2 misfire detected
- P0303 - Cylinder No.3 misfire detected
- P0304 - Cylinder No.4 misfire detected

This may be caused by frozen water accumulated in the main silencer, restricting exhaust flow.

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

REPAIR PROCEDURE

1. Verify customer concern of water accumulated and frozen in the main silencer and the tail pipe.



2. Replace the main silencer. Refer to MS3 online or Workshop Manual section 01-15:
 - Mazda3 - EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.5]
 - Mazda6 - EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.5]
 - **CX-3 - EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0]**
 - CX-5 - EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]
3. Inspect the engine oil level. If the engine oil level is above the F mark, replace the engine oil.
4. Erase any stored DTC(s).
5. Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.	Notes
PEY7-40-100	SILENCER ASSY-MAIN	1	Mazda3 4 door
PEY8-40-100	SILENCER ASSY-MAIN	1	Mazda3 5 door
PYY3-40-100	SILENCER ASSY-MAIN	1	Mazda6
PEZ2-40-100	SILENCER ASSY-MAIN	1	CX-3 2WD
PEZ3-40-100	SILENCER ASSY-MAIN	1	CX-3 4WD
PEY6-40-100	SILENCER ASSY-MAIN	1	CX-5 2.0L
PYY1-40-100	SILENCER ASSY-MAIN	1	CX-5 2.5L 2WD
PYY2-40-100	SILENCER ASSY-MAIN	1	CX-5 2.5L 4WD
PE23-40-305	GASKET-EXH PIPE	1	---
9994-61-000	NUT-SELFLOCK	2	---

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 term.
- Additional diagnostic time cannot be claimed for this repair.

	Replace main silencer	Replace main silencer and engine oil
Warranty Type	A	
Symptom Code	03	
Damage Code	9W	
Diagnostic Trouble Code (DTC)	P0300, P0301, P0302, P0303, or P0304	
Part Number Main Cause	****-40-100	
Quantity	1	
Operation Number / Labor Hours:	XXM1GARX / 0.4 Hrs.	XXM1GBRX / 0.6 Hrs.

NOTE:

- Warranty claim submission will require entry of a valid DTC.
- Attach the IDS session file with FFD and Mode 6 to the RO.