

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

**ENGINE RUNS ROUGH AND CHECK ENGINE LIGHT ON WITH DTCS
P0201 AND P0204 OR P0202 AND P0203**

Bulletin No.: 01-004/17

Last Issued: 07/05/2017

BULLETIN NOTES

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

Previously issued TSBs:	Date issued
01-004/17	02/21/2017
01-017/16	08/26/2016

DESCRIPTION

APPLICABLE MODEL(S)/VINS

2016-17 CX-3 vehicles with VINs lower than JM1DK*****146490 (produced before June 16, 2016)

2013-16 CX-5 vehicles (Japan built) with VINs lower than JM3KE*****820183 (produced before May 23, 2016)

2016-17 Mazda2 vehicles (Mexico/Puerto Rico) with VINs lower than 3MDDJ*****109542 (produced before November 14, 2016)

2014-16 Mazda3 vehicles (Japan built) with VINs lower than JM1BM*****352403 (produced before May 23, 2016)

2014-16 Mazda3 vehicles (Mexico built) with VINs lower than 3MZBM*****330109 (produced before August 29, 2016)

2014-16 Mazda6 vehicles (Japan built) with VINs lower than JM1GJ*****484154 (produced before May 23, 2016)

DESCRIPTION

Some vehicles may experience an engine that runs rough and the check engine light on with DTCs P0201 and P0204 or P0202 and P0203.

NOTE: Engine misfire related DTCs (P0301, P0302, P0303, P0304) are usually stored at the same time.

P0201:00 : Fuel injector circuit/open cylinder No.1

P0202:00 : Fuel injector circuit/open cylinder No.2

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P0203:00 : Fuel injector circuit/open cylinder No.3

P0204:00 : Fuel injector circuit/open cylinder No.4

This concern may be caused by an internal failure of the PCM (DENSO produced only). To correct the concern, the PCM internal failure has been eliminated.

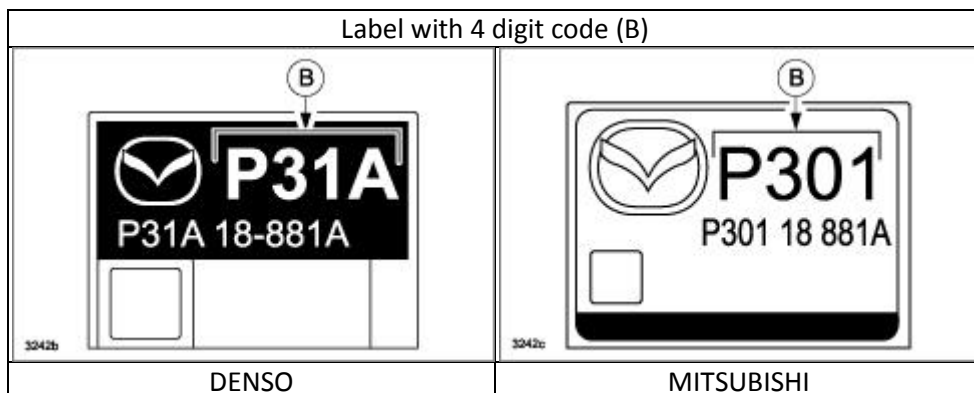
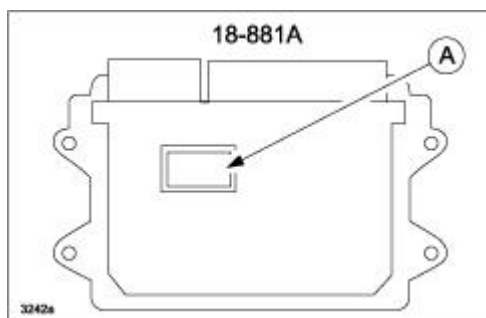
Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.

- The engine runs rough.
- The check engine light is on with DTCs P0201:00 and P0204:00 or P0202:00 and P0203.

2. Check if the PCM is "DENSO" produced. Inspect the PCM label (A) and check the 4-digit code (B) to confirm this code matches with the first 4 digits of DENSO PRODUCED PCM part numbers specified in the GEPC.



- CX-5: PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]
- Mazda3: PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]
- Mazda6: PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.5]
- If the PCM is "DENSO", replace the PCM according to the instructions on MS3 online.

Note: PCM unit replacement requires Major Assembly Service Hotline (MASH) authorization prior to

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repairs. Obtain a Hotline Control Number (HCN), then contact MASH at 888 832-8477, option 2, to obtain authorization.

- If the PCM is NOT "DENSO", this TSB is not applicable. Perform diagnosis for other concerns according to the instructions on MS3 online.

3. Verify repair.

PARTS INFORMATION

Part Number	Description	Qty.	Notes
****-18-881*	PCM	1	DENSO Requires MASH authorization

NOTE: The PCM part numbers have not been changed by this mass-production change. Check the GEPC for the latest PCM part number applicable to the VIN and place the part order accordingly.

WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Federal Emission Warranty or PZEV Warranty, where applicable.
- PCM unit replacement requires MASH authorization prior to repairs. Obtain a Hotline Control Number (HCN), then contact MASH at 888 832-8477, option 2, to obtain prior authorization.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
Part Number Main Cause	****-18-881* (Enter the latest PCM part number applicable to the vehicle in repair.)
Qty.	1
Operation Number / Labor Hours:	XXM65ARX / 0.3 Hrs. (PCM Cover with standard bolts/nuts)

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