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Subject: ENGINE RUNS ROUGH AND CHECK ENGINE LIGHT ON WITH DTCS P0201 AND P0204 OR P0202 AND P0203	Bulletin No: 01-017/16
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APPLICABLE MODEL(S)/VINS

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

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

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

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

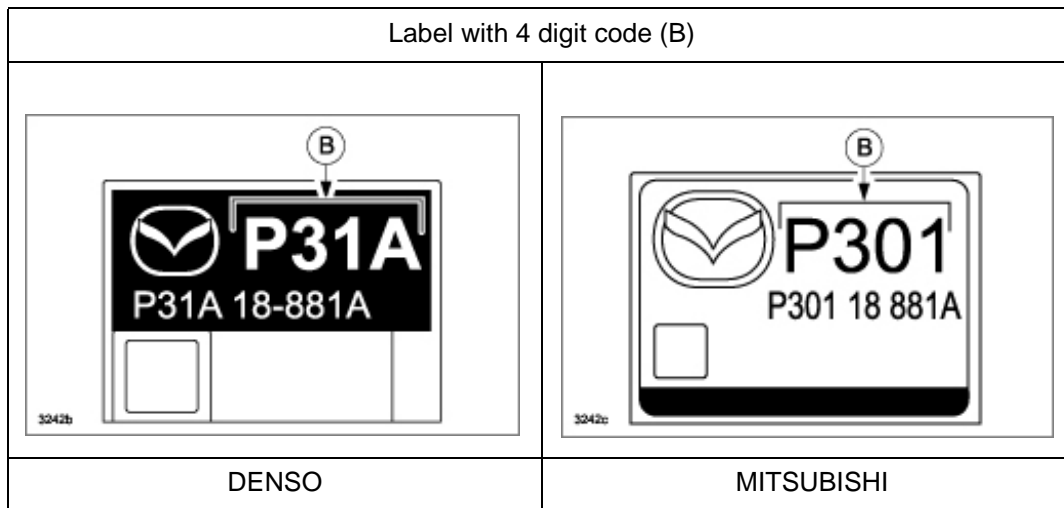
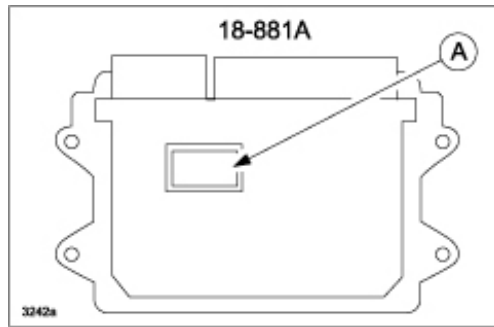
This concern may be caused by an internal failure of the PCM (DENSO produced only). To correct the concern, the PCM internal failure has been eliminated.

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

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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.



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

PART(S) INFORMATION

Part Number	Description	Qty.	Notes
****-18-881*	PCM	1	"DENSO" make PCM

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.
- 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)