

Subject: CHECK ENGINE LIGHT ON WITH DTC P2096:00	Bulletin No: 01-015/16
	Last Issued: 08/25/2016

BULLETIN NOTE

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

Previously Issued TSBs:	Date(s) Issued
01-024/13	08/22/13
01-007/12	02/02/12
01-037/11	12/07/11

APPLICABLE MODEL(S)/VINS

2010 Mazda3 with 2.0L (LF) engine (US spec) with VINs lower than JM1BL*****244894 (produced before November 10, 2009)

2010-11 Mazda3 with 2.0L (LF) engine (Mexico spec) with VINs lower than JM1BL*****903616 (produced before July 13, 2011)

2010 Mazda5 with 2.3L (L3) engine

DESCRIPTION

Some vehicles may experience the Check Engine Light ON with DTC P2096:00 (Target A/F feedback system too lean). This is caused by improper control logic of the PCM. To eliminate the concern, the control logic of the PCM has been changed.

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

REPAIR PROCEDURE

1. Reboot the IDS to clear memory before reprogramming.
2. Using IDS **101.03** or later software, reprogram the PCM to the latest calibration (refer to “Calibration Information” table) by following the “Module Reprogramming” procedure.

NOTE:

- Verify the current PCM file name in the vehicle by the log view screen. If it is the same as found in the chart below (or later), it is not necessary to reprogram the PCM.
- Always update the IDS tool first, then follow the on-screen instructions to download the calibration file for PCM reprogramming.
- Refer to “Service Caution for reprogramming” on MS3 IDS Page.
- After reprogramming, verify the file name matches with the chart below.

NOTE:

- It is not necessary to remove any fuses or relays during PCM reprogramming when the IDS screen prompts you to do so. You may accidentally stop power to one of the PCM terminals and cause the PCM to be blanked, or you may receive error messages during the IDS reprogramming procedure.
- IDS shows the calibration part numbers after programming the PCM.
- Please be aware that PCM calibration part numbers and file names listed in any Service Bulletin may change due to future releases of IDS software, and additional revisions made to those calibrations for service related concerns.
- When reprogramming a PCM, IDS will always display the “latest” calibration P/N available for that vehicle. If any calibration has been revised/updated to contain new information for a new service concern/issue, it will also contain all previously released calibrations.
- **Start/Stop button vehicles only: DO NOT press the start/stop button during the reprogramming process.**
- **When performing this procedure, we recommend using the “Power Supply” mode in the Battery Management System to keep the vehicle battery up to capacity. If a different charger is used, make sure it does not exceed 20 AMPS. If it exceeds 20 AMPS, it could damage the VCM.**

3. After performing the PCM reprogramming procedure, clear DTCs.
4. After clearing DTCs, start the engine and confirm that no warning lights stay on.

NOTE:

- If any DTCs should remain after performing DTC erase, diagnose the DTCs using MS3 online.
- After PCM reprogramming, it is no longer necessary to road test the vehicle to “relearn” KAM (Keep Alive Memory).

CALIBRATION INFORMATION

Mazda3

Year	Engine	Transmission	Specification	File Name	New PCM Part Number
2010	2.0L	A/T	Fed	LF8M-188K2-F	LSYL-18881
			Cal	LF3T-188K2-F	LSYM-18881
			Mexico	LF8P-188K2-G	LF8P-18881-H
		M/T	Fed	LF8J-188K2-H	LSYE-18881-B
			Cal	LF8K-188K2-H	LSYF-18881-B
			Mexico	LF8L-188K2-H	LF8L-18881-J
2011	2.0L	A/T	Mexico	LFGX-188K2-E	LFGX-18881-E

Mazda5

Year	Engine	Transmission	Specification	File Name	New PCM Part Number
2010	2.3L	A/T	Fed	SW-L3DFEE000	L3DF-18881-E
			Cal	SW-L3DHED000	L3DH-18881-D
			Mexico	SW-L3DKED000	L3DK-18881-D
		M/T	Fed	SW-L3CSEE000	L3DS-18881-E
			Cal	SW-L3DGED000	L3DG-18881-D
			Mexico	SW-L3DJED000	L3DJ-18881-D

NOTE: It is not necessary to order a PCM for this repair procedure.

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 Emissions Warranty (long term). It will also be covered under CA Emissions or PZEV (Partial Zero Emission) 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	5555-RP-PCM
Quantity	0
Operation Number / Labor Hours	XXG64XRX (Mazda3) / 0.3 Hrs. XXH1RXFX (Mazda5) / 0.3 Hrs.