

Subject: ENGINE OIL FLEXIBLE MAINTENANCE DOES NOT WORK	Bulletin No: 01-019/15
	Last Issued: 08/06/2015

APPLICABLE MODEL(S)/VINS

2014-2015 Mazda3 vehicles (Japan built) with VINs lower than JM1BM*****267077 (produced before March 30, 2015)

2014-2015 Mazda3 vehicles (Mexico built) with VINs lower than 3MZBM*****207478 (produced before April 1, 2015)

2016 Mazda6 vehicles with VINs lower than JM1GJ*****425952 (produced before April 8, 2015)

2016 CX-5 vehicles with VINs lower than JM3KE*****656820 (produced before April 8, 2015)

DESCRIPTION

Some customer using "Flexible" setting for Oil Change in the maintenance monitor may notice that the oil change due notification will not work because of improper control logic of the PCM. This TSB is applicable for the following cases.

- The oil change due notification does not come on, even after mileage exceeded 10,000 miles.
- Oil life in the center display is still less than 40% even though the mileage exceeded 7,000 miles.

To display "Flexible" setting and "Oil life" on the center screen, select the "Applications" screen, "Maintenance", then "Oil Change" tab. For complete details, refer to the "MAINTENANCE MONITOR OPERATION PROCEDURE" in the Workshop Manual.

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 96.01 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 instructions or Workshop Manual section 01-02.
- After PCM reprogramming, it is no longer necessary to road test the vehicle to “relearn” KAM (Keep Alive Memory).

CALIBRATION INFORMATION

2014-15 Mazda3 (Mexico built) for VINs starting with 3MZ

Emissions	Transmission	File Name	Note
Calif (PZEV)	M/T	PELG-188K2-C	Mitsubishi
		PELH-188K2-C	Denso
	A/T	PELE-188K2-C	Mitsubishi
		PELF-188K2-C	Denso
Calif (ULEV)	M/T	PEDG-188K2-D	Mitsubishi
		PEDL-188K2-D	Denso
	A/T	PEDH-188K2-C	Mitsubishi
		PEDM-188K2-C	Denso
Fed	M/T	PEDJ-188K2-D	Mitsubishi
		PEDN-188K2-D	Denso
	A/T	PEDK-188K2-C	Mitsubishi
		PEDP-188K2-C	Denso

2014-15 Mazda3 (Japan built) for VINs starting with JM1

Engine	Emissions	Transmission	File Name	Note
2.0L	Calif (PZEV)	M/T	PELC-188K2-C	Mitsubishi
			PELD-188K2-C	Denso
		A/T	PELA-188K2-C	Mitsubishi
			PELB-188K2-C	Denso
	Calif (ULEV)	M/T	PE18-188K2-E	Mitsubishi
			PEAA-188K2-E	Denso
		A/T	PE19-188K2-D	Mitsubishi
			PEAB-188K2-D	Denso
	Fed	M/T	PE5J-188K2-E	Mitsubishi
			PEAC-188K2-E	Denso
		A/T	PE5K-188K2-D	Mitsubishi
			PEAD-188K2-D	Denso
2.5L	Calif (PZEV)	A/T	PY08-188K2-D	Mitsubishi
			PY2L-188K2-D	Denso
			PY2P-188K2-F	w/ i-ELOOP, Mitsubishi
			PYFG-188K2-A	w/ i-ELOOP, Denso
			PY2S-188K2-F	w/ i-ELOOP, Mitsubishi
			PYFJ-188K2-A	w/ i-ELOOP, Denso
	Calif (ULEV)	M/T	PYBE-188K2-C	Mitsubishi
			PYBF-188K2-C	Denso
	Fed	M/T	PYBG-188K2-B	Mitsubishi
			PYBH-188K2-B	Denso
		A/T	PY2J-188K2-D	Mitsubishi
			PY2N-188K2-D	Denso
			PY2R-188K2-F	w/ i-ELOOP, Mitsubishi
			PYFH-188K2-A	w/ i-ELOOP, Denso
			PY2T-188K2-F	w/ i-ELOOP, Mitsubishi
			PYFK-188K2-A	w/ i-ELOOP, Denso

2016 Mazda6

Emissions	Transmission	File Name	Note
Calif (PZEV)	M/T	PY9S-188K2-C	Mitsubishi
		PY9T-188K2-C	Denso
	A/T	PY9V-188K2-C	Mitsubishi
		PY9W-188K2-C	Denso
		PY9X-188K2-C	w/ i-ELOOP, Mitsubishi
		PYAA-188K2-C	w/ i-ELOOP, Denso
Fed	M/T	PYAB-188K2-B	Mitsubishi
		PYAC-188K2-B	Denso
	A/T	PYAD-188K2-B	Mitsubishi
		PYAE-188K2-B	Denso
		PYAF-188K2-B	w/ i-ELOOP, Mitsubishi
		PYAG-188K2-B	w/ i-ELOOP, Denso

2016 CX-5

Engine	Emissions	Transmission	Drive	File Name	Note
2.0L	Calif	M/T	2WD	PS32-188K2-C	Mitsubishi
				PS39-188K2-C	Denso
		A/T	2WD	PS33-188K2-C	Mitsubishi
				PS40-188K2-C	Denso
			4WD	PS34-188K2-C	Mitsubishi
				PS41-188K2-C	Denso
	Fed	M/T	2WD	PS35-188K2-C	Mitsubishi
				PS42-188K2-C	Denso
		A/T	2WD	PS36-188K2-C	Mitsubishi
				PS43-188K2-C	Denso
			4WD	PS37-188K2-C	Mitsubishi
				PS44-188K2-C	Denso
2.5L	Calif	A/T	2WD	PYAJ-188K2-C	Mitsubishi
				PYAR-188K2-C	Denso
		4WD	PYAK-188K2-B	Mitsubishi	
			PYAS-188K2-B	Denso	
	Fed	A/T	2WD	PYAL-188K2-B	Mitsubishi
				PYAT-188K2-B	Denso
		4WD	PYAM-188K2-C	Mitsubishi	
			PYAV-188K2-C	Denso	

NOTE: It is not necessary to order a PCM part 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 Mazda's Federal Emission Warranty (long term) or Calif. PZEV Emission Warranty.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	61
Damage Code	9W
Part Number Main Cause	5555-RP-PCM
Quantity	0
Operation Number / Labor Hours	XXL5GXFX / 0.3 Hrs.