

Subject: A/C BLOWS WARM AIR WHILE IDLING AFTER RESTARTED WARM ENGINE	Bulletin No.: 07-005/20
	Last Issued: 10/12/2020

APPLICABLE MODEL(S)/VINS

- 2019-2020 Mazda3 (Japan built US spec with active air shutter) with VINS lower than JM1BP**M***163205 (produced before January 11, 2020)
- 2019-2020 Mazda3 (Mexico built US spec with active air shutter) with VINS lower than 3MZBP**M***131964 (produced before January 11, 2020)
- 2020 CX-30 (US spec with active air shutter) with VINS lower than 3MVDM**M***137194 (produced before March 26, 2020)

DESCRIPTION

Some customers may complain that the A/C blows warm air while idling after restarting a warm engine. This is caused by improper control software of the PCM not allowing the active air shutter to open properly, resulting in lower cooling performance at idle. To eliminate this concern, the control software of the PCM has been modified.

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

REPAIR PROCEDURE

1. Verify customer concern.
2. Reprogram the PCM using the Mazda Diagnostic And Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure.

NOTE:

- If current calibration file name in the ECU FILENAME screen is the same as shown in Calibration Files Information or with later suffix, reprogramming is not necessary.
 - After reprogramming, pending DTC P2610:00 [PCM] will be stored without the Check Engine light ON. Start the engine and clear the DTC.
 - After reprogramming, if DTC U2120:00 and/or U2500:82 are stored and the i-ACTIVSENSE warning light (amber) turns ON, refer to SA-043/20.
3. Clear the DTC and turn the ignition off and get out of the vehicle.
 4. Close and lock the doors.
 5. Wait for ten minutes or more.

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6. Verify the repair by starting the engine and making sure the Check Engine light is OFF and no abnormal warning lights are ON.

NOTE: If any DTCs should remain after performing DTC deletion, diagnose the DTCs according to the appropriate Troubleshooting section on MGSS.

CALIBRATION INFORMATION

Japan built

Model	Transmission	Drive	File Name	Note
Mazda3	MT	2WD	PX58-188K2-K	Mitsubishi
			PX59-188K2-K	Denso
	AT	2WD	PX05-188K2-L	Mitsubishi
			PX06-188K2-L	Denso
		4WD	PX07-188K2-N	Mitsubishi
			PX08-188K2-N	Denso

Mexico built

Mazda3	AT	2WD	PX13-188K2-F	Mitsubishi
			PX14-188K2-F	Denso
		4WD	PX15-188K2-F	Mitsubishi
			PX16-188K2-F	Denso
CX-30	AT	2WD	PXH7-188K2-D	Mitsubishi
			PXH8-188K2-D	Denso
		4WD	PXJ9-188K2-D	Mitsubishi
			PXK1-188K2-D	Denso

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

Warranty Type	A
Symptom Code	59
Damage Code	9W
Part Number Main Cause	5555-18-881
Quantity	0
Operation Number / Labor Hours:	XXS75XFX / 0.3 Hrs.

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