

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: A/C BLOWS WARM AIR DUE TO REFRIGERANT LEAK FROM CONDENSER	Bulletin No.: 07-001/19
	Last Issued: 09/10/2019

BULLETIN NOTES

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

Previously issued TSBs:	Date issued:
07-001/19	01/11/2019
07-001/18	01/17/2018 and 04/19/2018
07-001/17	01/06/2017 and 02/15/2017

APPLICABLE MODEL(S)/VINS

2016-2017 CX-3 vehicles with VINs lower than JM1 DK ***** 158284 (produced before October 21, 2016)
2016-2017 CX-3 Canada vehicles with VINs lower than JM1 DK ***** 158210 (produced before October 21, 2016)

DESCRIPTION

Some customers may complain about warm air from the climate control vents when the air conditioner is ON. This may be caused by condenser corrosion, causing a refrigerant leak.

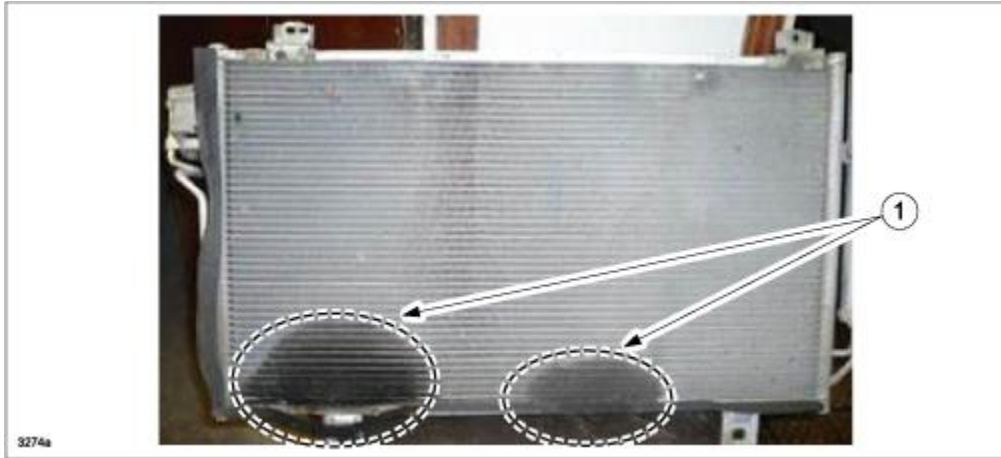
The manufacturer of the condenser has been changed and the configuration of the condenser tube has been improved.

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

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REPAIR PROCEDURE

1. Verify the customer concern.
2. Visually inspect the condenser for A/C refrigerant leak.
 - Is there a visible trace of A/C refrigerant leaking at location (1)?



- Yes - Go to step 4.
 - No - Go to step 3.
3. Use a dealer supplied UV leak detection tool. Is there a trace of fluorescent liquid at location (1)?

NOTE: UV fluorescent leak detection dye is added at the factory.

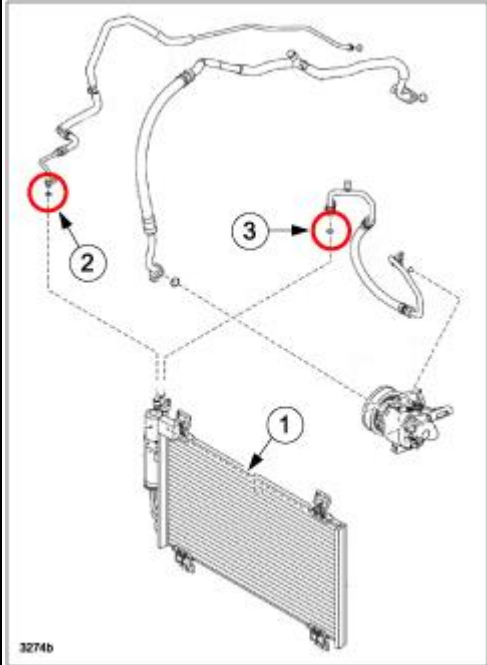

- Yes - Go to step 4.
 - No - This Service Information is not applicable. Refer to MGSS online Workshop Manual (NO COOL AIR [FULL-AUTO AIR CONDITIONER]).
4. Replace the condenser according to the instructions on MGSS online (CONDENSER REMOVAL/INSTALLATION [SKYACTIV-G 2.0]).
 5. Verify the repair.

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PARTS INFORMATION

Part Number	Description	Qty.	Notes
DB3R-61-480A	Condenser	1	---
GJ6A-61-J19	O-Ring No.1	1	Non reusable part
GJ6E-61-J19	O-Ring No.2	1	Non reusable part
5555-FG-002	A/C Refrigerant	As needed	---
D1Y1-61-K39	Compressor Oil (250 ml)	1	1 compressor oil repairs 6 vehicles (40 ml each)

REPLACEMENT PARTS LOCATION

Location	Description		
			<p style="text-align: center;">Dealer Supplied</p>  <p style="text-align: center;">UV leak detection tool</p>
1	Condenser		
2	O-Ring No.1		
3	O-Ring No.2		

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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 Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	59
Damage Code	9Y
Part Number Main Cause	DB3R-61-480A
Quantity	1
Related Part Number	5555-CP-OIL
Quantity	12 (Qty. 12 = \$12 reimbursement)
Operation Number / Labor Hours:	XXMB4XRX / 1.2 Hrs. (Condenser RR including refrigerant recharge and leak check)

NOTE:

- Claim the replacement parts as related parts.
- Claim the A/C compressor oil using 5555-CP-OIL, which will reimburse you for 1/6 of the can (1 can repairs 6 vehicles).
- Claim the A/C refrigerant by entering the applicable part number and the quantity used as related part.

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