

Subject:

**POOR A/C PERFORMANCE DUE TO LEAKING REFRIGERANT
FROM THE AIR CONDITIONER CONDENSER PIPE**

Bulletin No.: 07-003/22

Last Issued : 08/22/2022

BULLETIN NOTES**APPLICABLE MODEL(S)/VINS**

2016-2022 CX-9

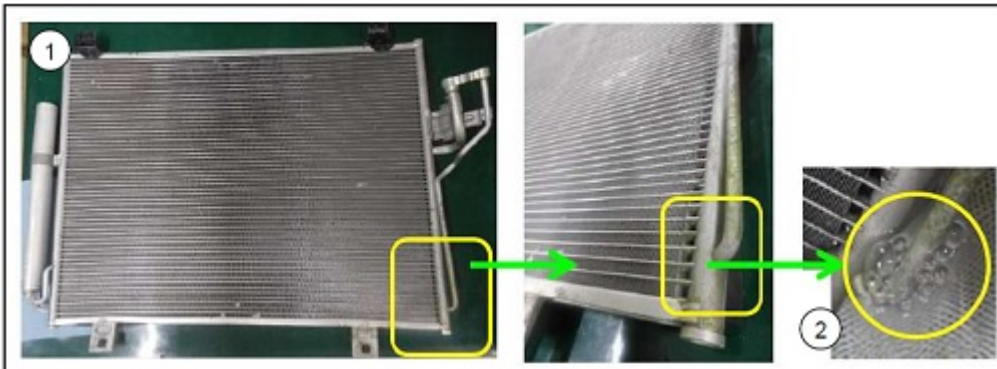
DESCRIPTION

Some customers may complain about poor A/C performance due to low refrigerant. This may be caused by the low-temperature side outlet pipe leading to the evaporator of the air conditioner condenser deteriorating because the structure around the outlet pipe on the low-temperature side of the air conditioner condenser allows mud and salt water to adhere easily. There is no mass production change, but an improved condenser was designed as needed.

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

REPAIR PROCEDURE

1. Verify the customer concern.
2. Use a gas leak tester or a fluorescent agent-detecting UV black light to check if there is a leak from the condenser (1) from the area shown (2) in the figure.



- If gas leaks from this area, replace the condenser with a modified one.
 - 2016-2020 CX-9 (CONDENSOR REMOVAL/INSTALLATION)
 - 2021-2022 CX-9 (CONDENSOR REMOVAL/INSTALLATION)
 - If there is no gas leak from this area, troubleshoot the poor A/C performance according to the instructions on MGSS.
3. Verify the repair.

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PARTS INFORMATION

Parts Number	Description	Qty.
TCYM-61-480	Condensor	1

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	77
Damage Code	9E
Part Number Main Cause	TC3M-61-480
Quantity	1
Operation Number / Labor Hours:	XXW4EARX / 2.1 Hrs. (without ATF cooler No. 2) XXW4EBRX / 2.3 Hrs. (with ATF cooler No. 2)

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