

Subject: NO COOL AIR FROM AIR CONDITIONER (LEAK FROM EVAPORATOR)	Bulletin No: 07-002/14
	Last Issued: 10/23/2014

APPLICABLE MODEL(S)/VINS

2013-15 CX-5 vehicles with VINs lower than JM3KE*****450217 (produced before February 24, 2014)

2014-15 Mazda6 vehicles with VINs lower than JM1GJ*****174072 (produced before February 24, 2014)

2014 Mazda3 vehicles with VINs lower than JM1BM*****187223 (produced before February 24, 2014)

DESCRIPTION

Some customers may complain about no cool air from the vents when the air conditioner (A/C) is ON. This concern may be caused by A/C refrigerant leaking from the evaporator. Some deformed evaporator tubes slipped through quality inspection and were used during production. A/C refrigerant leaks from improper brazing at a joint. To correct the problem, the production and inspection control of the evaporator have been improved.

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

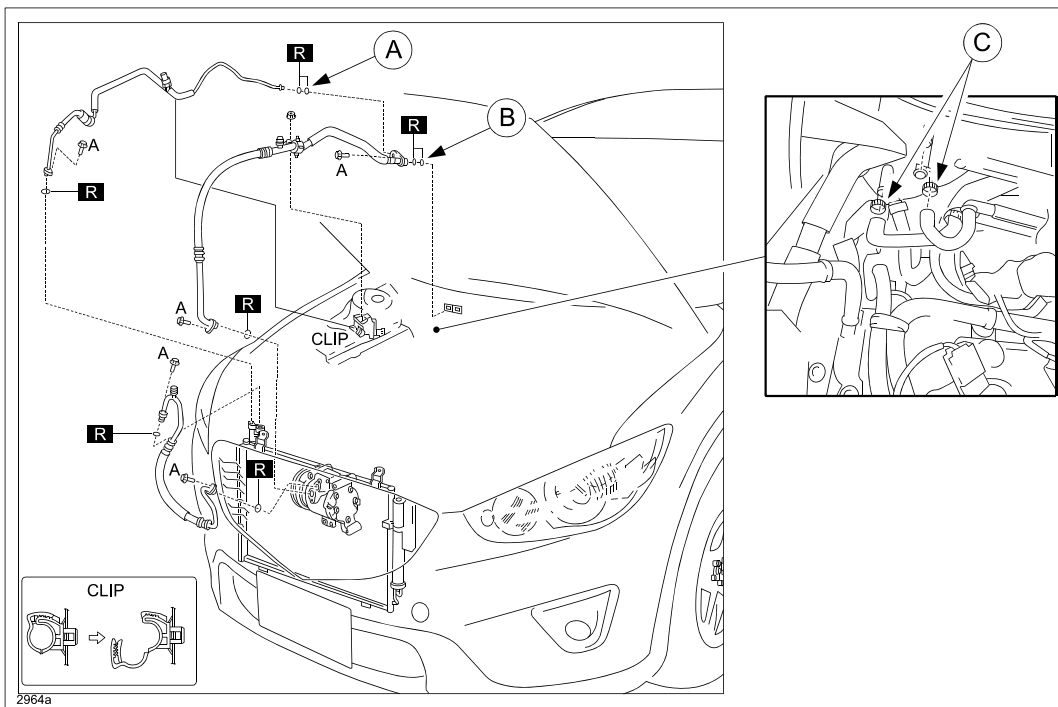
REPAIR PROCEDURE

1. Verify customer concern.
2. Verify that the level of A/C refrigerant charge is low (The A/C refrigerant high and low pressures are both low).
3. Check for refrigerant leakage from any part of the system, using a colored dye.
 - If leakage is found from the A/C unit drain hose, check the A/C unit inside. If leakage is detected from the evaporator, replace it with a modified one according to the instructions on MS3 online or the Workshop Manual (section 07-11, A/C UNIT DISASSEMBLY/ASSEMBLY).
 - If leakage is found from other than evaporator, repair or replace it according to the instructions on MS3 online or the Workshop Manual.
4. Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.	Notes
KD45-61-J10	Evaporator	1	CX-5
GHP9-61-J10	Evaporator	1	Mazda6 and Mazda3
GJ6A-61-J19	O-ring (Cooler Pipe)	1	A (Common for all models)
GJ6E-61-J19	O-ring (Expansion Valve)	1	A (Common for all models)
BBM4-61-J17	O-ring (Cooler Hose-Low and Expansion Valve)	2	B (Common for all models)
BP4K-61-242	Hose Clamp	2	C (Common for all models)

NOTE: Confirm the location of the replacement parts in the following figure.



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

Warranty Type	A
Symptom Code	59
Damage Code	9G
Part Number Main Cause	****-61-J10* (Evaporator)
Quantity	1
Operation Number / Labor Hours:	XXK9RBRX (Evaporator replacement) / 3.2 Hrs (CX-5) 3.1 Hrs (Mazda6 and Mazda3) XXK9RARX (Refrigerant recharge) / 0.7 Hrs (All models)

NOTE:

- Claim the replacement parts as related parts.
- Claim the A/C refrigerant by entering the applicable part number and the quantity used as related part.