

Subject: POOR A/C PERFORMANCE	Bulletin No: 07-004/15
	Last Issued: 09/29/2015

APPLICABLE MODEL(S)/VINS

2016 MX-5 vehicles with VINs lower than JM1ND*****103904 (produced before July 29, 2015)

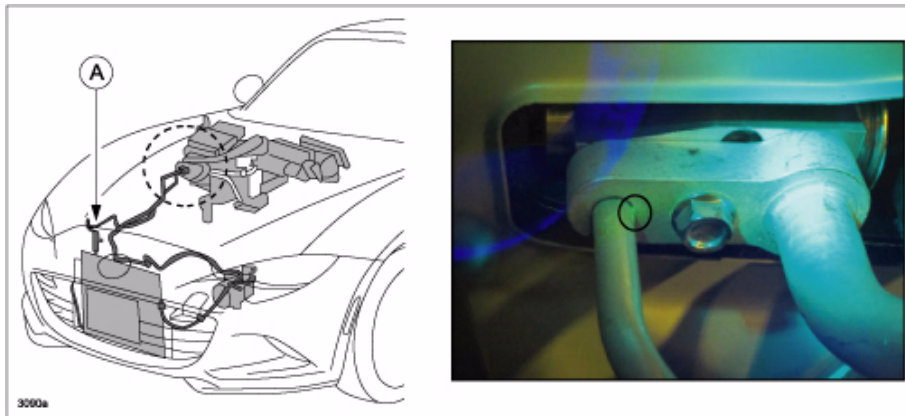
DESCRIPTION

Some vehicles may experience poor A/C performance due to a slow refrigerant leak from the O-ring groove on the cooler pipe (high pressure side) at the expansion valve.

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

REPAIR PROCEDURE

1. Verify customer concern.
2. Using a refrigerant leak detector or a black light, determine where the leakage is coming from.
 - If the leak is detected at the connection where the “Cooler Pipe (HI) C” connects to the expansion valve, replace the “Cooler Pipe (HI) C” (A) with a new one according to the instructions on MS3 online or the Workshop Manual (section 07-11 REFRIGERANT LINE REMOVAL/INSTALLATION).



- If the leak is NOT detected at the connection where the “Cooler Pipe (HI) C” connects to the expansion valve, troubleshoot the climate control system according to the instructions on MS3 online or the Workshop Manual (section 07-03 AIR FROM VENTS NOT COLD ENOUGH [CLIMATE CONTROL SYSTEM]).
3. Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.	Notes
NA9C-61-465	Pipe No.2, Cooler	1	Replace if necessary
S31P-61-J17	O-ring	1	For cooler hose (LO) at expansion valve

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	97
Part Number Main Cause	NA9C-61-465 (Cooler pipe)
Qty.	1
Operation Number / Labor Hours:	XXL7EXRX / 1.7 Hrs. (Includes A/C refrigerant charging)

NOTE: Claim refrigerant (max. 14 ounces) and compressor oil (max. 0.067 ounces) as related part.