

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: AIR CONDITIONER DOES NOT BLOW COLD AIR DUE TO CRACKED COOLER PIPE (HI) A (REFRIGERANT LEAK)	Bulletin No.: 07-002/21
	Last Issued : 10/08/2021

BULLETIN NOTES

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

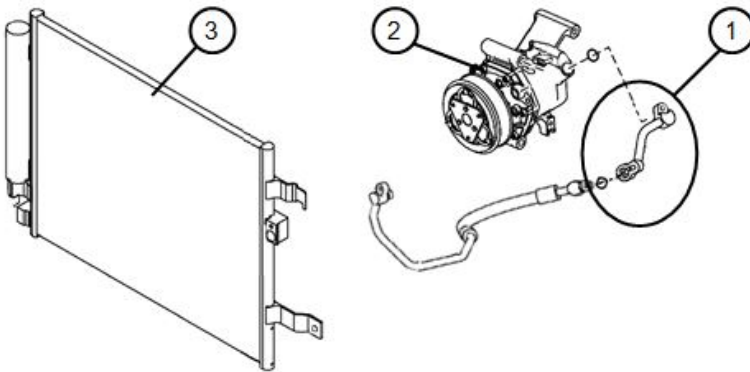
Previously issued TSBs:	Date(s) issued:
07-002/21	02/01/21
07-004/18	08/01/18, 05/18/18 and 5/10/18

APPLICABLE MODEL(S)/VINS

2016-2020 MX-5 with VINs lower than JM1ND*****418386 (built before Sep. 10, 2020)

DESCRIPTION

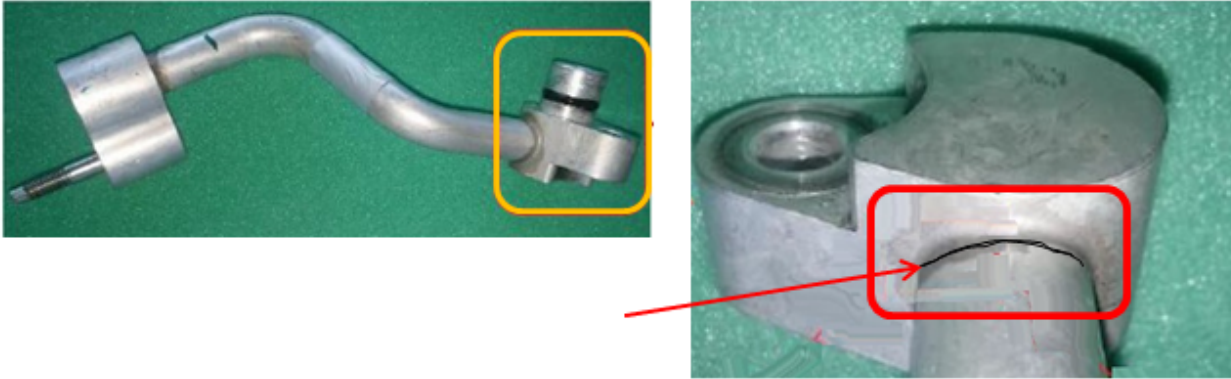
Some vehicles may experience that the A/C does not blow cold air (blows warm air) due to a refrigerant leak. This is caused by a crack in the cooler pipe (HI) A (1) due to engine vibration. To correct this issue, the material and thickness of the cooler pipe (HI) A has been changed to increase durability (pipe diameter has been changed from 12mm to 16mm).



(1)	Cooler pipe (HI) A
(2)	A/C compressor
(3)	Condenser

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Location of cracking



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

REPAIR PROCEDURE

1. Verify customer concern.
2. Inspect the cooler pipe (HI) A.
 - If the cooler pipe (HI) A is cracked, replace the cooler pipe (HI) A with a modified one according to the instructions on MGSS (REFRIGERANT LINE REMOVAL/INSTALLATION).
 - If the cooler pipe (HI) A is not cracked, this TSB is not applicable. Refer to troubleshooting procedure on MGSS (NO COOL AIR [CLIMATE CONTROL SYSTEM]).
3. Verify repair.

PARTS INFORMATION

Part Number	Description	Qty.	Notes
NA6W-61-466B	Cooler pipe (HI) A	1	Includes 1 O-ring (S33P-61-J17)
S33P-61-J17	O-Ring	1	[R] Replacement Part
5555-FG-002	A/C Refrigerant	As required	

NOTE: Two O-rings (S33P-61-J17) are required for repair.

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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.
- Additional diagnostic time cannot be claimed for this repair.
- **This repair with P/N NA6W-61-466B will only be covered once under warranty for MX-5's that have suspension modifications and/or engine modifications such as PCM calibration, supercharger/turbocharger setup, engine mounts, headers etc.**

Warranty Type	A
Symptom Code	59
Damage Code	9A
Part Number Main Cause	NA6W-61-466B
Quantity	1
Operation Number / Labor Hours:	XP3RARX / 1.2 Hrs. Includes: Cooler pipe (HI) A replacement and refrigerant recharge

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