

# Technical Service Bulletin

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b> <b>AIR CONDITIONER DOES NOT BLOW COLD AIR DUE TO CRACKED COOLER PIPE (HI) A (REFRIGERANT LEAK)</b>	<b>Bulletin No.:</b> 07-002/21
	<b>Last Issued:</b> 02/01/2021

## BULLETIN NOTES

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

Previously issued TSBs:	Date(s) issued:
07-004/18	08/01/18
07-004/1807-004/18	05/18/18
07-004/18	05/10/18

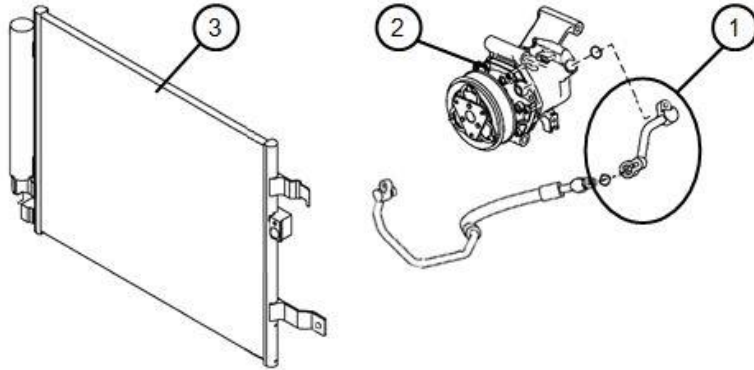
## APPLICABLE MODEL(S)/VINS

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).

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

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.

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- 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.

## 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	9A
Part Number Main Cause	NA6W-61-466B
Quantity	1
Operation Number / Labor Hours:	XXP3RARX / 1.2 Hrs. Includes: Cooler pipe (HI) A replacement and refrigerant recharge

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