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Subject: AIR FROM VENTS NOT COLD WITH AIR CONDITIONER ON	Bulletin No: 07-002/16
	Last Issued: 08/04/2016

BULLETIN NOTE

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

Previously Issued TSBs	Date(s) Issued
07-002/16	05/17/16

APPLICABLE MODEL(S)/VINS

2014-15 Mazda3 vehicles (Mexico built) with VINs lower than 3MZBM*****174272 (produced before December 1, 2014)

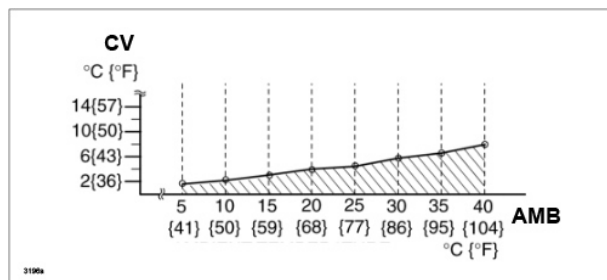
DESCRIPTION

Some customers may complain that the air from the vents is not cold when the air conditioner is on. This could be caused by dust generated during polishing of the A/C pipes at production remaining in the pipes due to insufficient washing. The dust then circulates in the A/C system causing the condenser to clog and the A/C system to become inoperative. To correct the problem, the polishing process of the A/C pipes has been improved to minimize the generation of dust.

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

REPAIR PROCEDURE

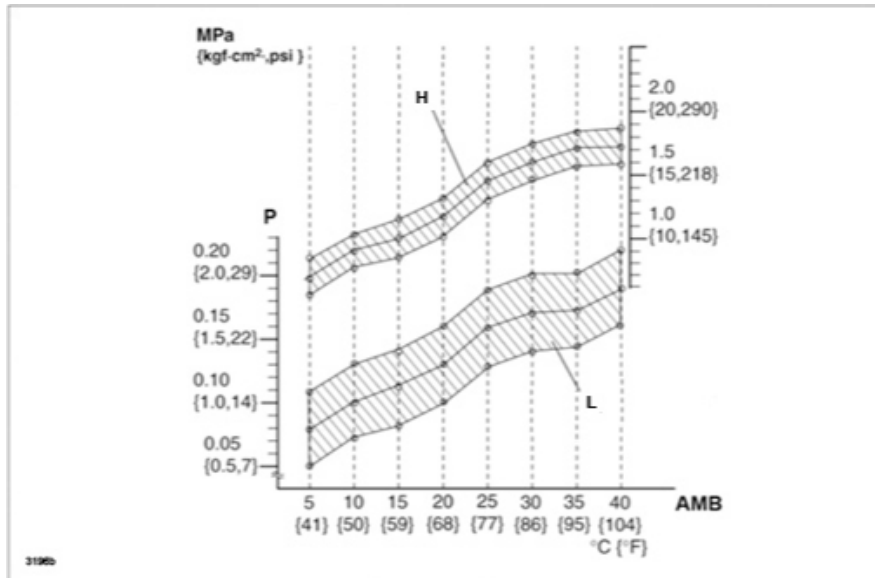
1. Verify customer concern by measuring the temperature of the air from the center vents (CV). Check to see if it is within specification of the ambient temperature (AMB) in the following chart.



- If the temperature is within specification, there is no problem with the A/C system.
- If the temperature is NOT within specification, go to next step.

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

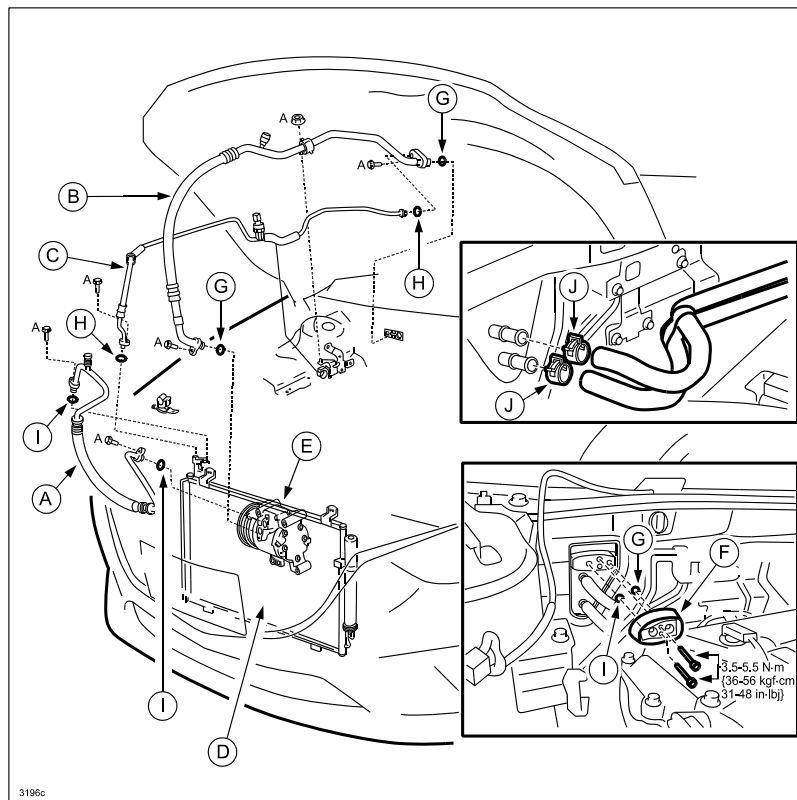
2. Perform "REFRIGERANT PRESSURE CHECK" according to the Workshop Manual . Check to see if the pressure reading of the the manifold gauge (P) is within specification of the ambient temperature (AMB) in the following chart.



- If the refrigerant high-pressure (H) is extremely high and the refrigerant low-pressure (L) is extremely low, go to next step.
 - If the refrigerant pressure is within specification, diagnose the cause using to the Workshop Manual.
 - If the refrigerant pressure is low, refill the system and inspect for the cause of the refrigerant leak.
3. Replace the whole A/C system line with new parts according to the procedures in the following sections of the Workshop Manual.
 - A/C UNIT REMOVAL/INSTALLATION
 - A/C COMPRESSOR REMOVAL/INSTALLATION
 - CONDENSER REMOVAL/INSTALLATION
 - REFRIGERANT LINE REMOVAL/INSTALLATION
 4. Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.	Notes
BJS7-61-461	Flexible Hose – HIGH	1	(A) in illustration below
BJS7-61-462	Flexible Hose – LOW	1	(B) in illustration below
BJS7-61-46X	Cooler Pipe	1	(C) in illustration below
BJS8-61-480	Condenser	1	(D) in illustration below
KD45-61-450A	Compressor	1	(E) in illustration below
BJS7-61-J10	Evaporator	1	
KF03-61-J14	Expansion Valve	1	(F) in illustration below
BBM4-61-J17	O-Ring	3	(G) in illustration below
GJ6A-61-J19	O-Ring	2	(H) in illustration below
GJ6E-61-J19	O-Ring	3	(I) in illustration below
BP4K-61-242	Hose Clip	2	(J) in illustration below



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 (Insufficient Cooling)
Damage Code	93 (Clogged)
Part Number Main Cause / Qty.	BJS7-61-462 / 1
Operation Number / Labor Hours:	XXL6FXRX / 6.3 Hrs. (For all Parts specified in "PARTS INFORMATION", R&R) XXL6FARX/ 0.7 Hrs (If refrigerant refilling was performed for low pressure).