

Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



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Subject: A/C AIR TEMPERATURE FLUCTUATION AND / OR LACK OF COOLING	Bulletin No: 07-002/04
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APPLICABLE MODEL(S)/VINS

2004 RX8

VIN: JM1FE17**40 000001-118171 (up to 9/11/03 production).

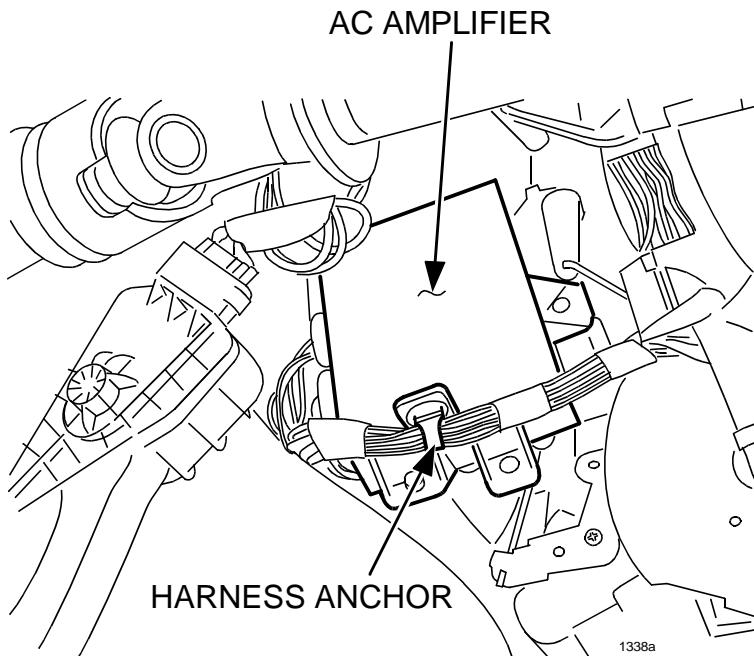
DESCRIPTION

Some customers may complain of lack of air conditioner cooling performance and / or a noticeable temperature fluctuation (cool-warm-cool) from the vents. The cause may be due to improper logic control of the AC amplifier.

Customers having this concern should have their vehicle inspected and if necessary, repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.
2. Ensure ignition switch is off and key is removed from ignition switch.
3. Locate A/C amplifier on left side of blower case near accelerator pedal.

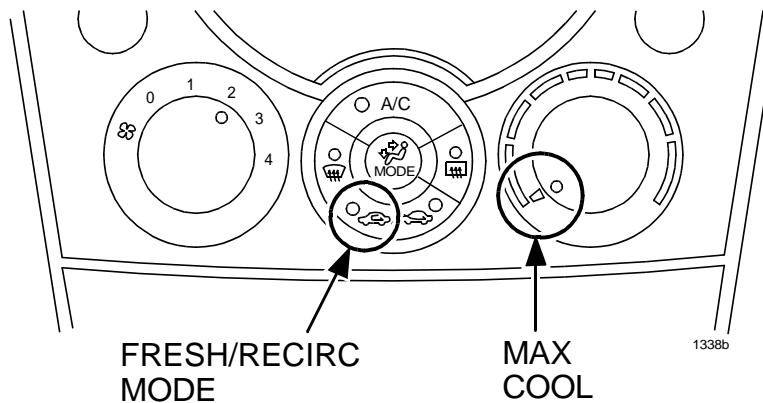


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CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions 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.

4. Remove 3 screws attaching A/C amplifier to blower case.
5. Remove harness anchor from A/C amplifier.
6. Disconnect harness connectors from A/C amplifier.
7. Replace with new A/C amplifier. To install, reverse removal procedure.
8. Verify that there is no noticeable temperature fluctuation (cool-warm-cool) from the vents.

NOTE: Make sure customer is aware that maximum cooling efficiency is achieved by setting temperature blend dial to MAX cool & "FRESH / RECIRC" mode to "RECIRC".



PART(S) INFORMATION

Part Number	Description	Qty.	Notes
FEY2-61-540	A/C Amplifier	1	

WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair. Refer to the SRT microfiche for warranty term information.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	A1
Damage Code	AB
Part Number Main Cause	FEY2-61-540
Quantity	1
Operation Number / Labor Hours:	XX663XR1 / 0.2 Hrs.