

Category
U

Applicable Model/s
1992-93 MX-3 with 1.6L

Subject
POOR A/C PERFORMANCE

APPLICABLE MODELS/VINS

All 1992 MX-3 vehicles with a 1.6L 4 cylinder engine.

All 1993 MX-3 vehicles with a 1.6L 4 cylinder engine and a VIN of 3M1EC433*P021451S and lower.

DESCRIPTION

Some vehicles may experience poor A/C performance. The cause is insufficient air flow across the A/C condenser.

A modified sub-harness has been developed to allow both A/C and engine cooling fans to operate simultaneously and improve condenser air flow.

NOTE:

Prior to installing the sub-harness, verify the A/C system contains the correct amount of refrigerant charge and check for any other conditions that may contribute to poor A/C performance (i.e., refrigerant leak or poor A/C connections).

REPAIR PROCEDURES

1. Record preset audio stations.
2. Disconnect negative battery terminal.
3. Examine the couplers at the ends of the sub-harness.
 - One end of the harness has two (2) 6-pin connectors with four (4) terminals each.

Image:

- The other end has two (2) 6-pin connectors, one with five (5) terminals, the other with six (6) terminals. Refer to Fig. 1.
4. Locate the A/C relay (near the passenger side shock tower).
 - Disconnect the relay from the existing harness.
5. Connect the six (6) terminal male connector of the sub-harness into the relay.
6. Connect the five (5) terminal female connector of the sub-harness into the existing A/C harness.
7. Remove the coolant reservoir and fresh air duct.
8. Route the sub-harness along the existing A/C harness.
 - Tie-wrap the sub-harness to the A/C harness at the nine (9) existing locations.
9. Disconnect the existing A/C harness at the main fuse box.
 - The connector is located in the front portion of the fuse box and is closest to the fender.
10. Connect the four (4) terminal male connector of the sub-harness into the main fuse box.
11. Connect the four (4) terminal female connector of the sub-harness into the existing A/C harness.
12. Connect the battery negative connector.
13. Start engine and operate the A/C.
 - Confirm cooling fan operation.
14. Install coolant reservoir
15. Reset audio stations and clock.

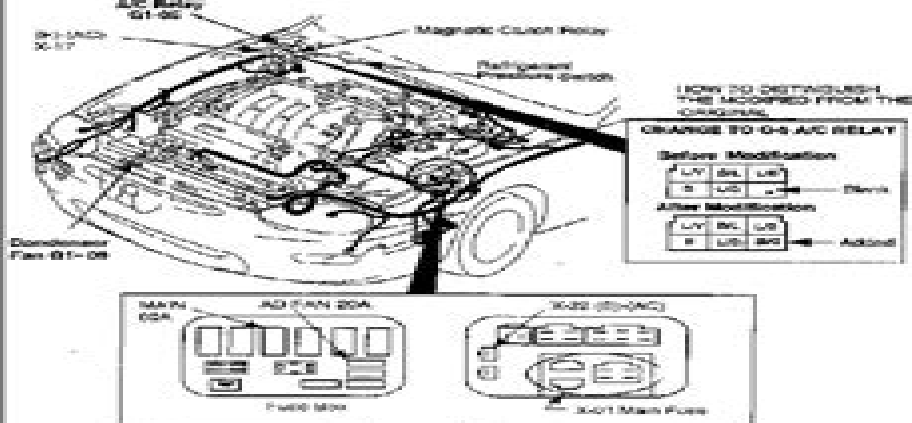
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PARTS INFORMATION

WARRANTY INFORMATION

(Applies To Verified Customer Complaints On Vehicles Covered Under Normal Warranty. Refer To The SRT Monocle For Warranty Term Information.)

Warranty Type: A
Symptom Code: A1
Damage Code: A5
Part Number Main Cause: EAY1 61 54X
Operation Number: 1N000000
Labor Hours: 0.34hrs.
Location Code: H00



Part Number	Description	Qty	Applicable Models
EAY1 61 54X	Harness	1	1992-93 MX-3 (w/ 1.6L)

Mazda3 Technical Service Bulletins

Louis-Philippe Edmonston

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the name bar.

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