

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.

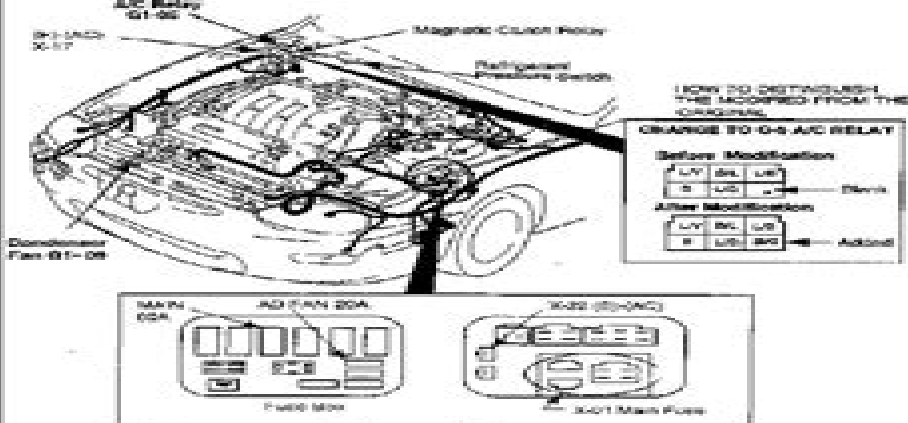
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PARTS INFORMATION

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: 1N00090X
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 Bulletin

Jiyuan Zhang

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 Jiyuan Zhang.

Mazda3 Technical Service Bulletin:

Mazda3 Technical Service Bulletin Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Mazda3 Technical Service Bulletin**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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