



Mazda MX-5 Cup Car Technical Service Bulletin # 2026-09-11

2025+ Mazda MX-5 Cup Car Heater Core Box – Blend Door Fix

This TSB describes: A mandatory modification to reset the blend door in the heater core box. All cars must run the standard factory-supplied heater core box configuration specified for their respective model year. No other modifications, substitutions, or additions are permitted unless authorized by future TSBs or homologation documents.

The 2025+ model MX-5 Cup Car does not have the vent/duct control found in previous production cars. To maintain parity across model years, this modification allows the blend door to be manually set to the closed position. This permits the most efficient airflow through the heater core, similar to earlier model-year cars when the heater is turned on.

Allowing airflow through the heater core helps maintain lower engine temperatures and supports overall vehicle thermal management. This promotes improved engine performance, reliability, and consistency across all competitors.

Important Notes: This procedure applies exclusively to 2025+ model Mazda MX-5 Cup Cars.

Preparation:

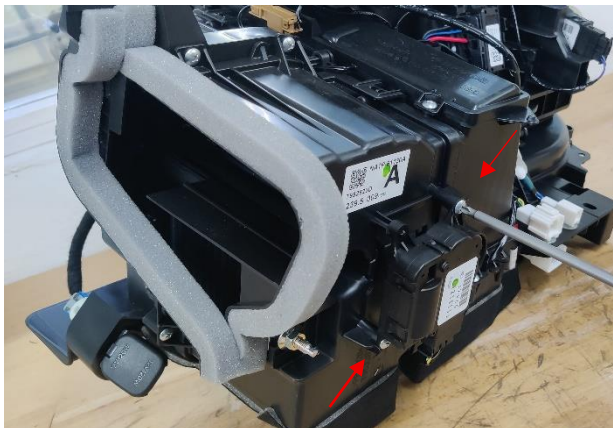
Ensure the vehicle is off and the battery disconnected.

Tools Required:

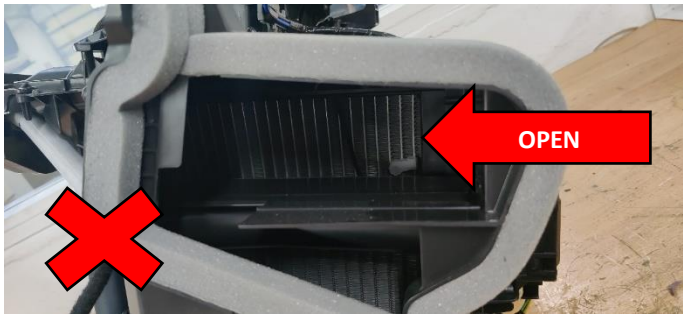
- Phillips head screwdriver (for the two motor screws)
- 10mm Deep Socket (to remove ECU bracket)
- Paint pen (for marking the gear)

Steps:

1. Remove the passenger side lower dash panel.
2. Remove the Bosch ECU and ECU bracket to gain full access to the heater core box.
3. Locate the heater core box and remove the two Phillips head screws holding the blend door actuator motor in place.



4. Using a paint pen, mark the gear on the blend door output shaft in its current position. Make sure door is OPEN



5. Rotate blend door drive gear clockwise until the blend door is fully closed and gear has stopped turning.



6. Reinstall the actuator and the two Phillips head screws. The blend door will now remain closed.

7. Reinstall the Bosch ECU bracket, ECU, and the passenger side dash panel.

Verification:

Confirm the blend door is now in the closed position.

If you have any questions about this Technical Bulletin, please contact Flis Performance at:
ashli@flisperformance.com or 386-256-7021

Ashli Richardson



386-256-7021

ASHLI@FLISPERFORMANCE.COM

WWW.FLISPERFORMANCE.COM

106 ANITA AVE
DAYTONA BEACH, FL
32114



MAZDA
MOTORSPORTS
HERITAGE COLLECTION