



Mazda MX-5 Cup Car Technical Service Bulletin #2021-01-22

Required: Mazda MX-5 Cup ND2, Bosch MS6 Cup ECU Update, Release 0108

This TSB describes:

An Update is available for the Bosch MS6 Cup ECU for the Mazda MX-5 Cup ND.2. This update includes the following:

- **User Download Availability – Please read the information below!**
- Pit road speed limiter trigger marker (for competitors)
- AiM to Bosch communication for multiple channels
- Cam shaft actual and target, added for data logger parameters

NOTE: AiM Configuration must be updated to the newest release for this ECU Flash. AiM Configuration can be found on the Flis Performance Website.

The EUC update will show as Software ID “MS6A_MX5CUP_0108” and the Software Version will show as “MX50039” under the Calibration/Measuring tab.

Calibration / Measuring

Analyst Tools

CAR ID	Flis_2020
SOFTWARE ID	MS6A_MX5CUP_0108
ECU Serial Num.	2066

Software ID: MS6A_MX5CUP_0108

v	M
e	X
r	5
s	0
i	0
o	3
n	9

Software Version: MX50039

Analyst Tools

Ready. An error needs your attention



Analyst Tools:

Located in Calibration/Measurement tab (Shows Live Data)

Engine Measurement

- **SW Update** (Car ID, Software ID, ECU Serial Number, and Software Version – as shown above)
- **Engine** (Driver Controls, Other Controls, and Cam Controls)
- **Gear Detection** (Shift Voltages, Shift Force sensor notes, Gear Position Sensor Setup, Gear Detected by Sensor, Shift Force Sensor, and Gear Position Sensor)
- **Errors** (Engine, Injection, Ignition, Throttle, Cam Control, Gear, Error State, Can, Power, Switches, and Wheel Speed)

Calibration

- rl, Ignition, Injector, Lambda Control, Rail Pressure, Start/idle, Rev/Speed Limit, Throttle and Pedal, Intake CAM, Exhaust CAM, Sync, Cam Edges and ADAP, ECUSEC, Shift Parameters, Torque, and ALTCO.

Inputs/Outputs

- Gear Detection CAN, Sensors and Switches, Lambda Sensor, Univ Outputs, Wheel Speed, Speed Limitation, Sadev, Alternator Ctrl

Errors

- Errors, Active Errors, and Error Monitors

User Download Availability

Teams now have access to download **Logger 1 (Engine)** in WinDarab

Logging 1 Engine:

PW = GMX5_Team

Hint = Team

The Update Instructions and all supporting files can be found on the ND.2 Documentation page of the Flis Performance website. If you have any questions, please call Ashli.



Global MX-5 Cup ND.2 ECU Update Instructions 0108 Document- [LINK](#)

Global MX-5 Cup ND.2 ECU Update Instructions 0108 Video - [LINK](#)

TEAM License file: MazdaMX_2020_TEAM.lic - [LINK](#)

TEAM Project file: MX5 Cup_0108_Release_TEAM_03_10_2020- [LINK](#)

Firmware file: MS6A_MX5CUP_0108.psv- [LINK](#)

RaceCon Overview: MX5 RaceCon Overview - TEAM FP- [LINK](#)

If you have any questions about this Technical Bulletin, please contact Flis Performance at:
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