

# FMB001 firmware errata

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## Introduction

We are always improving our devices performance, stability and reliability. That's why Teltonika is one of the leading GNSS trackers manufacturers in the world.

This document describes **FMB003, FMC003 and FMM003** devices firmware improvements, changes, new features implementations as well as current firmware release version.

<b>FIRMWARE VERSION</b>	<b>SUPPORTED HARDWARE</b>
03.25.XX	FMB001, FMB003
03.27.XX	FMB001, FMB003
03.28.XX	FMB001, FMB003, FMC003, FMM003
<b>03.29.XX</b>	FMB001, FMB003, FMC003, FMM003

## Firmware versioning

- Structure

FMB(T) . VER. [XX] . [YY] . [ZZ] . Rev. [##] \_ [ID###]

- Syntax description
  - XX - major FW version.
  - YY - branch number, shows major changes in firmware, i.e. new module support added or new major feature added.
  - ZZ - major changes like bigger fixes, improvements and new features addition.
  - ## - minor changes like small fixes and improvements.
  - ID[###] - Spec ID KEY - Specific clients FW changes.

## Firmware versions

<b>FIRMWARE VERSION</b>	<b>RELEASE DATE</b>	<b>CHANGES</b>
<b>03.29.00.Rev.359</b> (recommended for FMB003, FMB001)	2024.07.22	• AXL testing in factory issue fixed

<b>03.29.00.Rev.358</b> (recommended for FMC003, FMM003)	2024.06.10	<ul style="list-style-type: none"> <li>• Base update to 03.29.00.Rev.14</li> <li>• Added secondary fuel tank added to the IO elements</li> <li>• Added automatic VIN detection for Tesla VIN cars</li> <li>• Added OEM response parsing improvements from solving FMB150 issues</li> <li>• Added OEM requests for VIN reading</li> <li>• Fix: VIN request in Medium Speed and Single Wire CAN</li> <li>• Fix: time synchronization - rare cases of future time occurrence</li> <li>• Fix: wakeup failure in Ultra deep sleep mode</li> <li>• Fix: KIA vehicles sending max fuel level value when ignition is off</li> <li>• Fix: 100 percent fuel level not being shown in OEM parameter</li> <li>• Fix: trip odometer value not being counted</li> <li>• Fix: negative value handling from CAN</li> </ul>
<b>03.28.03.Rev.97</b> (recommended for FMB003)	2023.04.12	<ul style="list-style-type: none"> <li>• Performance improvements and bug fixes</li> </ul>
<b>03.28.03.Rev.94</b>	2022.08.30	<ul style="list-style-type: none"> <li>• Added OEM Reset button</li> <li>• FMM003 BG95-M6 modem support</li> <li>• Port COLD/WARM/HOT fix tests via SMS</li> </ul>
<b>03.28.00.Rev.107</b>	2022.06.28	<ul style="list-style-type: none"> <li>• <b>Added FMC003 support</b></li> <li>• <b>Added FMM003 support</b></li> </ul>
<b>03.27.12.Rev.93</b>	2022.04.27	<ul style="list-style-type: none"> <li>• Ultra-deep sleep improvements</li> <li>• Periodic record sending improvements</li> <li>• OBD functionality improvements</li> <li>• Changed default configuration value ranges for eco driving scenario</li> <li>• Improved CAN data reading via Single Wire</li> <li>• AGPS functionality improvements</li> <li>• Improved system stability and fixed general bugs</li> </ul>
<b>03.25.17.Rev.95</b>	2020.12.02	<ul style="list-style-type: none"> <li>• Added new OBD interface support.</li> <li>• Added Low Speed CAN support.</li> <li>• Improved ISOTP protocol communication</li> <li>• Improved movement detection according to the accelerometer.</li> <li>• Added Total Mileage reading from 0xA6 PID (OBDII)</li> <li>• AGPS functionality added.</li> <li>• Factory testing software optimized.</li> </ul>
<b>03.25.15.Rev.97</b>	2020.05.20	<ul style="list-style-type: none"> <li>• <b>Added FMB003 support</b></li> </ul>