

1SYSTEM®

Release Notes - TPMS

from

bf1systems

1 Modifications

| Date | Modifications | Author | Version | Modified Sheets | Approved | | |
|------------|---------------|--------|---------|-----------------|----------|------------|--------|
| | | | | | By | Date | Signed |
| 9/12/2024 | New Document | GA | V4.8 | All | GU | 16/12/2024 | GU |
| 23/05/2025 | Added v4.9 | GA | V4.9 | 2 | GU | 23/05/2025 | GU |
| | | | | | | | |

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2 History

v4.9 – 23rd May 2025

- Improve energy used calculate for more accurate RBL.
- Added ability to clear out the logged faults over BLE – FACTORY RESET.
- Error writing buffered until sensors falls below 85°C.
- Improved error logging.
- Modified default Idle Pressure delta reduced to 200mbar.

v4.8 – 24th September 2024

- Sensor Idle State implementation to improve battery life.
- Fault state behaviour changes to improve battery life.

v4.7 – 21st August 2024 (OEM)

- OEM specific data packet changes to align pressure scaling to OEM specification.
Not relevant for Motorsport applications.
- Unresponsive WS bug fix. BT library update.

v4.6 – 14th December 2023

- Extend Temperature compensation to match OEM specification of -40°C to +125°C.
Not relevant for Motorsport applications.

v4.5 – 25th August 2023

- Re-evaluate entry conditions for burst when in slow state.
Not relevant for Motorsport applications.

v4.4 – 18th May 2023

- Add OEM application support (BURST_TX_MODE).
Not relevant for Motorsport applications.

v4.3 – 12th April 2023

- Fault handling, logging, and reporting implemented.
- Over the air updates prohibited when the sensor is above 85 °C.
- Additional reset DIAGS.
- Default Activation Acceleration changed from 2g to 8g (as per spec).

v4.2 – 24th December 2021 (OEM)

- OEM encryption key added.
Not relevant for Motorsport applications.

v4.1 – 28th September 2020

- Initial Release.