



Dear Partner,

we would like to inform you that there is a new release coming today, July 26th 2024.

This release represents an immediate removal of the grounding of the combination Vector Skynode with SB180 with the update to version 2.5.2.30.

Please inform your customers immediately.

Vector Skynode | Autopilot QOS | 2.5.2.30

General

- Re-tuning of low-level timing for Vector R20 front and rear motors
- Improved motor run stability and performance

Bug Fix

- Bugfix in CAN timing
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Our philosophy at Quantum Systems is to be transparent about all issues, therefore we would like to provide you with a technical explanation of the improvements that were implemented to reinsure the safety of the Vector Skynode in combination with the battery SB180.

Under certain circumstances the Vector system has shown drive train issues in recent weeks. The combination of certain conditions such as hot temperatures, demanding flight profiles and the use of the SB180 battery caused the drive system and its controller to incorrectly commute.

In order to improve this commutation behavior extensive tuning and testing was required. During this time we asked you not to operate your Vector Skynode with the SB180.

The parameter tuning of the ESC was finished last week and Quantum Systems conducted more than 100 test flights with more than 30 different Vector systems on two continents. We can confidently say that this new firmware update will resolve the problem described above and reinsure the flight safety.

For this circumstance we would like to apologize sincerely.

Thanks for your understanding and sorry for the inconvenience caused.

Happy Landings
your Quantum-Systems Support Team

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