



Preventing NovaLink™/ESC Memory Data Corruption

NovaLink USB Device to ESC Harness Update:

The NovaLink™ Programming Interface's USB device uses the ESC's RX wire to perform updates and adjustments on the speed control. Novak has discovered an anomaly on the USB driver for the NovaLink with some computer operating systems, leading to corruption of the firmware on the speed controller brain board. The following information will help you in preventing these data communication errors by using a programming harness.

Building Your Own Programming Harness

Items you will need:

- 1 ESC/RX Harness.
- 1 Simple On/Off Switch.
- Small Shrink Tubing

Take the ESC/RX Harness and cut the red wire roughly in the middle. Strip a small section of each cut end, and install the Simple On/Off Switch. Use the shrink tubing to prevent the connections from being touched during operation.

Updated Operational Information

When using the NovaLink™ to adjust your ESC's profile, start with the switch in the OFF position. Start your NovaLink™. First connect your USB device, and then connect to the ESC. To allow the speed control to connect to the NovaLink™ software, simply turn the switch to the ON position. Make your desired adjustments, upload the profile, and then click on the disconnect button at the top of the screen. Lastly, turn OFF the harness switch.

While using the NovaLink, the ESC fan should be disconnected, and there should never be a battery pack connected to the speed control during these steps.

Updated Firmware Installation Information

Update your Novalink Files with the following steps: Open the Novalink Software. Connect your NovaLink™ USB device; the switch harness should be in the OFF position. Click on the "Launch Firmware Updater" icon at the top of the screen.

The counter will run to "999", and then say, "Connect Your Speed Controller." Then turn the switch harness to the ON position. The updater will start immediately and begin updating. This process should take a few minutes and will notify you when it is complete.

If you need assistance with your harness, please contact our Customer Service department by emailing tech@teamnovak.com or calling (949) 833-8873.