



Twin Tec

VRFI Gen 4 Rev 2.3 Firmware Update Tech Note

CAUTION: CAREFULLY READ INSTRUCTIONS BEFORE PROCEEDING. NOT LEGAL FOR SALE OR USE IN CALIFORNIA OR ON ANY POLLUTION CONTROLLED VEHICLES.

FIRMWARE REVISION HISTORY

- Rev 2.1 firmware is an update to the original Rev 1.0. The firmware ZIP file includes the standard Alpha-N version and both 100 kPA and 300 kPA speed-density versions of the firmware.
- Rev 2.1 adds support for VIN number entry and asynchronous fuel injection upon rapid throttle application. Refer to the Advanced Module Parameters section in the current installation instructions for details.
- Rev 2.2 provides support for reading and clearing ECM diagnostic codes via the speedometer.
- Rev 2.3 fixes a bug introduced into previous versions that prevented BLM table updates.

FIRMWARE UPDATE PROCEDURE

1. You must use PC Link VRFI Version 14.2 and VRFI Log Version 14.1 or higher. These programs are available for download from our website. You can check the version of your software by clicking on Help and About.
2. Use PC Link VRFI and download your current setup data from the VRFI unit.
3. Save your setup data to disk. **All data in the VRFI is lost during update.**
4. Update the VRFI firmware using Mega Boot Programmer software and the VRFI Gen 4 Rev 2.3 firmware files appropriate for your version (refer to the Mega Boot Programmer instructions and the firmware readme file). You can download Mega Boot Programmer and the VRFI Gen 4 Rev 2.3 firmware from our website.
5. Use PC Link VRFI to upload your saved setup data to the VRFI unit. No edits are required to the setup file.
6. If your installation required the ECM to report the VIN, you must also reprogram the VIN.