



## SNIPER EFI FIRMWARE & SOFTWARE REVISION LOG

The latest Sniper EFI ECU Firmware, Sniper EFI Handheld Firmware and Sniper EFI PC Software is available for download at [www.Holley.com](http://www.Holley.com). The ECU and Handheld firmware are included in the Sniper EFI SD Card Contents.

It is recommended to update to the latest firmware on both the ECU and the Handheld at the same time. When updating the ECU the current calibration will be removed, requiring that the wizard be re-run or a saved calibration be loaded. It is recommended to download the calibration and save it to a computer before updating the ECU, you can then upload it back to the Sniper EFI.

Instructional Video of how to Update Firmware: [How to Update Firmware on Sniper EFI](#)

### **BUILD VERSION 0:**

#### **HANDHELD FIRMWARE:**

- FW\_01\_00\_0020.fwu – Initial Sniper EFI Handheld Firmware
- FW\_01\_00\_0040.fwu – Data Monitor Channel Ranges Updated
- FW\_01\_00\_0060.fwu – Updated Default Idle Table built by the Wizard
- FW\_01\_00\_0090.fwu – Changes for Manufacturing
- FW\_01\_00\_0150.fwu – Support for 2300 Sniper EFI

#### **SNIPER EFI ECU FIRMWARE:**

- SNIPER\_01000020.eep – Initial Sniper EFI ECU Firmware
- SNIPER\_01000040.eep – Changes for Manufacturing
- SNIPER\_01000080.eep – Sensor Based Safety's Enabled
- SNIPER\_01000090.eep – Corrected Output #6 Functionality
- SNIPER\_01000170.eep – Support for 2300 Sniper EFI

#### **SNIPER EFI PC SOFTWARE:**

- VERISON 1.0 BUILD: 4 – Initial Sniper EFI PC Software Release

### **BUILD VERISON 1:**

#### **HANDHELD FIRMWARE:**

- FW\_01\_01\_0020.fwu – Backwards compatibility, Build 1 Handheld Firmware usable with Build Version 0 ECU Firmware
- FW\_01\_01\_0070.fwu – Support for 4150 Super Sniper, Altitude Referenced Base Calibrations
  - Different fuel map scaling appropriate for the altitude when Wizard is Run
- FW\_01\_01\_0150.fwu – Support for Sniper Stealth 4500, ICF Based Wizard, Improved Data Logging Setup
  - Triggered Logging & Datalog Saves on Power Off
- FW\_01\_01\_0200.fwu – Support for BBD Sniper for Jeep CJ, New "Vitals" Multi-Gauge Screen
  - Monitors > Multi-Gage > "Vitals" Replaces the "Misc" Screen
- FW\_01\_01\_0250.fwu – Support for Sniper EFI Quadrajel, Improved Parameter Editing
  - Numerical Editor allowing both arrows and key pad to edit parameters
  - Display Temperatures in F° & C°
  - Screen Brightness Adjustment
- FW\_01\_01\_0290.fwu – Support for Sniper EFI 2x4, Sniper EFI 2GC & Super Sniper 2300 4 Inj
- FW\_01\_01\_0320.fwu – Support for Sniper EFI XFlow
  - Using 3.5" TSLCD to adjust "Actual system fuel pressure" has a Bug Fix
- FW\_01\_01\_0330.fwu – Support for Sniper Stealth 4150 System Types
- FW\_01\_01\_0350.fwu – Support for Sniper Autolite 1100 System Type
  - Non Timing Control Ignition Choices now Display "N/A" in Monitors for the "Ign Timing, deg" parameter

#### **SNIPER EFI ECU FIRMWARE:**

- SNIPER\_01010000.eep – Support for 4150 Super Sniper
- SNIPER\_01010060.eep – Support for the Sniper Stealth 4500 & BBD Sniper for Jeep CJ
- SNIPER\_01010140.eep – Support for the Sniper EFI Quadrajel ONLY\*
  - \*Not to be Used in Anything but Quadrajel Sniper EFI
- SNIPER\_01010150.eep – Support for Sniper EFI Quadrajel and All Other Sniper EFI System Types
- SNIPER\_01010160.eep – Support for Sniper EFI 2GC & Super Sniper 2300 4 Inj
- SNIPER\_01010170.eep – Support for Sniper EFI 2x4 & Super Sniper EFI 2x4 & XFlow & Sniper Stealth 4150
- SNIPER\_01010230.eep – Support for Sniper Autolite 1100

#### **SNIPER EFI PC SOFTWARE:**

- VERISON 1.1 BUILD: 2 – Initial Software for Build Version 1
- VERISON 1.1 BUILD: 3\*\* – Support for the Sniper Stealth 4500
- VERISON 1.2 BUILD: 4\*\* – Support for Sniper EFI 2x4, Sniper EFI 2GC & Super Sniper 2300 4 Inj
- VERISON 1.2 BUILD: 17\*\* – Support for Sniper XFlow

\*\*ECU must be using SNIPER\_01010060.eep or Later