



## 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](#)

### **V1 BUILD VERSION 1.0:**

#### **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

### **V1 BUILD VERISON 1.1:**

#### **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 Quadrajet, 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 Quadrajet ONLY\*  
\*Not to be Used in Anything but Quadrajet Sniper EFI  
SNIPER\_01010150.eep – Support for Sniper EFI Quadrajet 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  
VERISON 1.2 BUILD: 26\*\* – Support for Sniper Autolite 1100 & MSD Atomic 2

## **V1 BUILD VERISON 1.3:**

### **HANDHELD FIRMWARE:**

FW\_01\_03\_0500.fwu – Wizard support for HyperSpark Ready to Run Distributors

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

SNIPER\_01030500.eep – Support for HyperSpark Ready to Run Distributors

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

VERISON 1.3 BUILD: 50 – Initial Software for Build Version 3, support for HyperSpark Ready to Run distributors, Datalogging bug fixes.

## **V2 BUILD VERISON 2.0:**

### **HANDHELD FIRMWARE:** V2 Handheld FW works with both Sniper 1 and Sniper 2 Throttle Bodies.

FW\_02\_00\_0310.fwu – Initial Sniper 2 EFI Handheld Firmware.

- FW support for Sniper 1 & Sniper 2 Throttle Bodies
- Standalone Trans Controller Support (STC)

FW\_02\_00\_0330.fwu – Ignores Status for Fan Channels for use with PDM.

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

SNIPER\_01030500.eep – Initial V2 Sniper 1 EFI ECU Firmware

### **SNIPER 2 EFI ECU FIRMWARE:**

SNIPER\_02000310.eep – Initial V2 Sniper 2 EFI ECU Firmware

SNIPER\_02000320.eep – Changes for Manufacturing

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

VERISON 2.0 BUILD: 12 – Initial Software for Version 2 Sniper EFI. Support for Sniper 2 & Sniper 1