Digital Dash v4.0 Build 33

This update contains V4.0.33 software for V4 EFI connected or standalone applications.

You will need to extract the files onto the root folder of a USB memory stick. Once the update process starts, it is important to not remove power until after the update process is complete.

Installation Instructions

1. Extract the files to a USB memory stick. Ensure you eject/safely remove the USB memory stick from your computer.
2. Power off your dash
3. With the dash powered off, insert the USB memory stick into one of the USB ports on the dash
4. Power on the dash. After a short time you should see a message that it is updating the software. Wait until you see the gauge screen appear before continuing.
5. Turn off the dash and remove the USB stick.

Note to installers:

Click the 'About' button from the configuration menu of the dash after it powers back up to verify the firmware update has been applied, it should read "SW version 4.0 build 33". If it does not, with your USB stick still plugged in, go back to the main menu, choose the 'Configuration' button and select 'Update Firmware'.

There are two files in this update; the dash will automatically choose which one to install based on its revision:

- *fw-dash-4.0.33.tgz* contains the update for Rev B, C and D Digital Dash with date code lower than *160201 xxx.*
- *os-dash-4.0.33.tgz* contains the update for Rev D1 and above units.

After the update file is accepted, it will change the filename to *installed_fw-dash-4.0.33.tgz* or *installed_os-dash-4.0.33.tgz*. If you need to update multiple units, rename the file on the USB memory stick to remove the 'installed_' prefix. (i.e., rename the file back to fw-dash-4.0.33.tgz or os-dash-4.0.33.tgz)

A copy of the user manual is included with the .zip file for this update. Various improvements have been implemented to enhance the operation of the digital dash.

V4.0.33 Release:

Sniper ECU warning message is now displayed if this firmware is connected to a Sniper ECU.

Fixed display issue in analog gauges when math function was enabled

Implemented detailed error messages when processing invalid global files.

V4.0.32 Release:

Firmware update lockout fixed if disabled in security settings menu.

V4.0.31 Release:

New features since the last release (v4.0.29) include:

V4 ECU Configuration/Tuning

- ECU tuning functionality has been added allowing the user to modify parameters of an attached ECU. Refer to the user manual for more details.

Gauge Averaging

- Monitored data can now be averaged (e.g., fuel gauge)

Button inputs

- Under Dash Configuration, the Local I/O channel name for the *SW to GND* type can be set to [left], [right], [up], [down], or [ok] to emulate those functions on the main dashboard screen.

External mouse

- If an USB mouse is plugged in, the mouse pointer is automatically hidden after 10 seconds.

Odometer

- An odometer channel has been added to the list of channels. Before using, please set the *Speed/Odometer source* under the *Dash Configuration/Vehicle* tab.

Security lockout

- Various editing features can be password-protected, see user manual for more details.

Main Menu

- The main menu layout has changed to accommodate new features.