



RELEASE NOTES



ECU Firmware / PC Link Software

Release Date: 29/04/26

PC Link Version: 7.8.2

G5 Firmware Version 7.8.2

G4X Firmware Version 6.31.2

New Features

- Added Support for G5 Voodoo Pro V2. This includes functionality in PCLink to automatically shuffle tune file output pin allocations when loading a tune from a G5 Voodoo Pro or from a G4X ECU.
- Added several new new Minimum Torque runtimes, renamed several existing Torque runtimes to be explicitly Maximum Torque values and added an Overall Torque Request runtime.
- Added more Driver Torque Request Table options and renamed associated settings and runtimes to emphasise their use.
- Made overrun Fuel Cut disabled when Overall Torque Request value is greater than 0Nm.
- Added Rev-matching functionality to GT86/BRZ Vehicle CAN for automatic vehicles (using the new Transmission Minimum Torque Request runtime value). Sample tune files have been updated to match.
- Added more CAN DI inputs to GT86/BRZ Vehicle CAN for rear window demister, VSC and ABS.
- Added the new Transmission Minimum Torque Request runtime to the GM Transmission Control CAN mode.
THE OLD MINIMUM TORQUE REQUEST METHOD HAS BEEN REMOVED AND THE CAN AN AND CAN DI ALLOCATIONS HAVE BEEN CHANGED. If you are updating to this firmware or newer and are using this Vehicle CAN mode you will need to change your Transmission Temperature input, your sport mode input and your method of responding to minimum torque requests.
- Added more Porsche Vehicle CAN Modes and renamed existing modes.
- Added more data to the Mini R56 CAN Vehicle Mode.
- Added 'CAN Vehicle Mode' option to Cruise Control Switch Type, this new mode gets the cruise button statuses directly from certain CAN Vehicle Modes.
- Added 'Cancel' input to Euro Cruise Switch Types.
- Added 'Save All Log Files' buttons and functionality to PCLink.

- Added Configurable Logging Crosshair colour to PCLink. The colour can be configured in Options -> Colour Theme -> Theme Items -> Logging Crosshair. Note the regular crosshair colour is controlled by the 'Cursors' colour setting.
- Added another Gear selection [K] for Gear Detection Modes 'Analog Position Sensor', 'Auto Digital', 'Auto Analog' and 'Auto Digital/Analog'.
- Added a Low Oil Pressure Fault Code that is triggered by the Oil Pressure Switch function and added some extra settings to it to prevent false faults.
- Added CAN TC Max, Min and Average runtime values.
- Added new CAN write-able Dyno runtime values.
- Added new '.lcs' files for Mainline CSS Dyno and DYNOLYZE CAN.
- Added setting for controlling engine braking in Jatco 4 Speed Automatic Transmission Control mode.
- Added BMW S62 Trigger Mode.
- Added TB48 plug-in ECU sample tune file to PCLink install.
- Made Cruise Max Acceleration and the Acceleration runtime "mph/s" when "mph" speed units are selected.
- Made CAN Test Calculator display base units (what is in the ECU and what the ECU will transmit over CAN) instead of user selected units.
- Improvements to GP H-Bridge operation around changing frequency and power cycling.

Fixes

- Fixed Pre-Throttle Pressure pin label.
- Fixed Fuel Pump Priming issues with Voodoo NEO ECUs (when powering up over USB before powering up through 12V power).
- Fixed Injector Test function not respecting "Inversed with pull-up" DI Injector drive mode.
- Fixed Gear position not displaying properly in the cluster for Manual GT86/BRZ Vehicle CAN.
- Fixed some Parameter Properties windows not updating values based on selected display units.
- Fixed Mitsubishi Colt trigger mode syncing in the wrong place sometimes.
IF YOU ARE UPDATING TO THIS FIRMWARE OR NEWER AND YOU ARE USING THIS TRIGGER MODE THEN YOU WILL NEED TO SET YOU TRIGGER 1 EDGE TO FALLING, TRIGGER 2 EDGE TO RISING AND THEN REDO YOUR TRIGGER OFFSET.