



RELEASE NOTES

Release Date: 13/04/2022

PC Link Version: 6.22.25

Firmware Version: 6.22.8

IF YOU ARE UPGRADING TO 6.22 FIRMWARE AND ARE USING GEARSHIFT CONTROL YOU WILL NEED TO RE-TUNE YOUR GEARSHIFT CONTROL WITH THE NEW SETUP.

New features:

- Added Paddle Shift Control and completely reworked gearshift control.
- Added Alternator Control function.
- Added built-in CAN Keypad support.
- Added CAN Bridge support for CAN Keypads (CAN Devices tab in CAN Setup window can find keypads and be used to change their configuration).
- Added estimated fuel and air mass runtimes (g/s).
- Added a setting for controlling when accumulated fuel usage and accumulated distance runtimes are reset, values can now remain over power cycles.
- Added Power Management function for Drag Racing use.
- Added a VVT Startup Lockout Delay setting and functionality.
- Added a setting to allow forcing CAN Lambdas on before the engine starts.
- Added RZR XP and Baleno G16 Trigger Mode.
- Added temperature hysteresis to TGV.
- Added BA Falcon AC Request and Evap Temperature as CAN DI 1 and CAN An 1 respectively.
- Added Math Blocks and CAN Analog inputs as options for Gear Detection Source.
- Added 5 and 8 Bar Variohm Euro Sensor calibrations.

Changes:

- Moved BA Falcon CAN Mode wheel speeds from CAN Frequency 4-7 to CAN Frequency 1-4.
- Changed Lambda Overlay Table setting from off/on to a DI selection so that the overlay table values are only applied when the input is active.
- Increased E-Throttle idle limit from 20% to 35%.
- Increased maximum Stoichiometric Ratio from 25 to 50.
- Increased maximum Lambda Target to 5.0 and maximum Lambda Overlay range to +/-2.0, Also increased resolution to 0.001.
- Changed Closed Loop Fuel Pump control loop rate from 10Hz to 125Hz, and Open Loop from 10Hz to 50Hz. I and D multipliers were adjusted to suit.
- Changed Ethanol Sensor to have a slightly larger allowable range before faulting.
- Idle Ignition is now affected by engine speed lockout while in startup and startup decay Idle states.
- Made 350Z CAN Mode force Fans and AC Clutch off when the Ignition switch input becomes Inactive.
- Made Cal Tables and Linear Cals work with CAN Analogs.
- Improved Accelerometer calibration.
- Increased maximum MAP Limit value from 500kPa to 1000kPa.
- Updated USB Drivers for Windows 11.



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Fixes:

- Fixed PWM channels flashing on for 100ms at power on.
- Fixed 350Z/G35 AC Pressure calibration.
- Fixed CAN Lambda transmit message exhaust pressure compensation value.
- Fixed MAP Limit Statistics issue.
- Fixed a Traction Control issue where it could remain active after slip had stopped or had entered a lockout.
- Fixed Runtime View not closing when pressing F12 while it's open.
- Fixed Ctrl click whole folder opening not showing all sub folders.