

Platinum Sprint 500

Engine Suitability:

- 1 to 8 Cylinder engines
- Normally Aspirated or forced induction
- Load sensing by throttle position or manifold pressure (MAP)
- Sequential, semi-sequential, batch or multi-point injection patterns
- Distributor ignition systems or multi-coil systems

Trigger Types:

- Hall Effect
- Optical
- Inductive Magnetic Reluctor

Trigger Patterns:

- Single Pulse per cylinder
- Multi-tooth
- Bosch Motronic
- Ford
- GM
- Honda
- Mazda
- Mitsubishi
- Nissan Optical
- Subaru
- Toyota
- Volkswagen

Features:

- Windows 2000, XP, Vista compatible software
- Real time programming, instant hesitation free adjustment while engine is running
- Fully user definable 16 x 16 mapping
- Tuning via Volumetric Efficiency (VE), Injection time
- Selectable onboard internal MAP sensor rated to 150kPa (up to 1.5 Bar or 22psi boost)
- USB and CAN Communication Port
- Custom sensor calibration allows for most factory sensors to be used
- 2 x User programmable outputs

ECU Fixed Outputs:

- 4 x Fuel Injector outputs (**for high impedance injectors only (ie: above 8Ω)**)
- 4 x Ignition outputs
- Tacho
- Thermo Fan
- Fuel Pump

ECU Programmable Outputs:

- 2 x Programmable Outputs

ECU Inputs:

- Air Temperature
- Aux Rev Limiter
- Coolant Temperature
- Manifold Absolute Pressure
- Roadspeed
- Throttle Position
- O2 Sensor (Narrowband or Wideband)

Functions:

- CAN Communication
- O2 Control
- Over Boost
- Gear Setup
- Decel Cut
- Transient Throttle Enhance
- Rev Limiter

Correction Tables: Fuel / Ignition:

- Air Temp Correction
- Barometric Correction
- Coolant Temperature Correction



- Injector Dead Time
- Map Correction
- Post Start
- Prime Pulse
- Wide Open Throttle
- Zero Throttle

Miscellaneous:

- Tune can be password protected in software
- Small and compact design
- Rugged anodized aluminum casing

Power Requirements:

Source: 8.6 to 16.5 Volts DC

Consumption: 360mA @ 12Volts DC

Physical Dimensions:

ECU Dimensions Length: 134mm (154mm with MAP nipple)

Width: 64mm Height: 28mm Weight: 195g (0.43 lb)

Specification Sheet:

[Platinum Sprint 500 Specifications](#) (150KB)

The Platinum Sprint 500 Kit includes:

Platinum Sprint 500 ECU, Platinum Sprint 500 Flying Loom, USB Cable, Programming Software CD, Quick Start Guide, Instruction Manual (on CD), Haltech Sticker