

Motorsport Electronics ME442 Plug-In ECU Specifications

The ME442 Honda Plug-In is the latest plug-in Engine Management System for the 2000-2004 Honda S2000 (AP1).

(Now INCLUDES a wideband sensor kit consisting of a Bosch LSU4.9 Wideband Lambda Sensor and a Lambda sensor to ECU cable to give highly accurate closed loop fuelling. Just plug it in at the sensor and ECU ends!)

ME442 version includes the following features:

- On-board Bosch Wideband Lambda O2 Controller
- On-board Real-Time-Clock and SD Card Data Logging
- Drive-by-Wire Support
- K-Type EGT Input
- CAN Bus for external dashboards and expandability

The ME core has as standard:

- Uses the ME ECU Core (180Mhz 32-bit NXP Automotive Processing Power)
- Standalone replacement ECU board which supports all factory sensors.
- Truly Plug-In : Supports both switched TPS and linear TPS conversions.
- USB Connectivity
- 16×16 Fuel and Ignition Tables (with dual table switching)
- VE based fuelling algorithm.
- Run any type of high impedance injectors.
- DSP Knock Control
- On-board 60psi MAP sensor (or use your factory AFM)
- Closed Loop Boost, Lambda, VVT and DSP Knock Control
- Extensive spare I/O for extra features, sensors and actuators.
- In the field regular free firmware updates and improvements
- Uses the powerful MEITE tuning studio.
- An open approach to firmware/software features.
- Supplied with rolling road developed basemaps for either turbo or NA setups.