

## Kawasaki PWC Plug-In ECU

Part Number #13042

### Basic Specifications

#### Outputs

- 4 x Injector outputs—high or low ohm
- 4 x Ignition outputs
- 8 x Auxiliary outputs—for functions such as boost control, nitrous injection, idle speed stepper motor and many more

#### Inputs

- 8 x Analogue voltage inputs—fully configurable, use for e.g.:
  - jet outlet pressure
  - jet intake pressure
  - steering position
  - lateral G force
- 6 x Analogue temperature inputs—fully configurable, use for e.g.:
  - multiple configuration maps
  - extra air or water temperature
  - exhaust temperature
- 1 x Wideband Lambda input—for Lambda measurement and control
- 4 x Digital/speed inputs—for use with OEM factory speed paddle wheel and function activation e.g. launch control, anti lag and dual RPM limit

#### Communications

- 1 x CAN
- 1 x RS232—for use with GPS  
To wire a 5 Hz MoTeC GPS-G1 direct to the M400 for logging of accurate speed and position

#### Physical

- Case size 147 x 105 x 40 mm
- Weight 900 gram
- 1 x 34 pin and 1 x 26 pin waterproof connector with gold plated contacts

The **Kawasaki PWC Plug-In ECU** is a fully programmable, direct replacement for the factory ECU on a Kawasaki Ultra 250X and 260X PWC.

The Plug-In ECU eliminates the need to rewire the PWC; it simply plugs into the factory wiring harness using the original sensors and fuel system.

### Components

#### ECU

- M400 Marine ECU



#### Installation Set

- 1 x Adaptor Loom
- 1 x KTC (K-Line to CAN module)
- 1 x KPE (Pulse Extender)
- 1 x Bosch Ignition Module 200



#### Mounting Set

- 1 x ECU mounting bracket
- 1 x Ignition mounting plate
- mounting bolts and screws



On request the Kawasaki PWC Plug-In ECU is available with the M800 Marine ECU.

### Installation

Detailed installation instructions can be found in the PWC Plug-In ECU manual available from [www.motec.com/downloads](http://www.motec.com/downloads).