

Yamaha PWC Plug-In ECU

Part Number #13041

Basic Specifications

Outputs

- 4 x Injector outputs—high or low ohm
- 4 x Ignition outputs
- 8 x Auxiliary outputs—for functions such as camshaft control, drive by wire throttle, 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 **Yamaha PWC Plug-In ECU** is a fully programmable, direct replacement for the factory ECU on a Yamaha FX-SHO, FZS or FZR Jet Ski.

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 Immobiliser Bypass



Mounting Set

- 2 x ECU mounting brackets
- 4 x mounting bolts
- 1 x rubber backing pad



On request the Yamaha 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.