

Yamaha Apex 2006-2010 Snowmobile Plug-In ECU Kit

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, example use includes:
 - boost pressure
 - ride height
 - steering position
 - lateral G force
- 6 x Analogue temperature inputs—fully configurable, example use includes:
 - 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 sensor and function activation, e.g. launch control, anti lag and dual RPM limit

Communications

- 1 x CAN
- 1 x RS232—for use with MoTeC GPS-L5, connected direct to the M400 for logging of accurate speed and position

Physical

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

The **Apex 2006-2010 Snowmobile Plug-In ECU** is a fully programmable, direct replacement for the factory ECU on the 2006-2010 Yamaha Apex RTX, RTX ER, GT, ER, LTX, LTX GT and MTX models.

No rewiring is necessary. The Plug-In ECU simply plugs into the stock 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 Waterproof Relay
- 1 x IGN4 Ignition Module



Mounting Set

- 2 x ECU mounting brackets
- Mounting bolts and screws
- 1 x Rubber backing pad



On request the Apex 2006-2010 Snowmobile Plug-In ECU is available with the M800 Marine ECU.

Installation

Detailed installation instructions can be found in the Snowmobile Plug-In ECU Installation Manual available from www.motec.com/downloads.