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## *DATASHEET*

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### **8801172** - 996Hs engine

*82HP BOXER 4-CYLINDER ENGINE WITH ELECTRONIC INJECTION 150A BRUSHLESS / STARTER GENERATOR*

*(AN EXTERNAL DRIVER CARD IS REQUIRED)*

#### Complete with:

- ECU.
- Fuel pump.
- Fuel regulator with Pressure Sensor.
- Spark plugs.
- HT coils.
- 150A Brushless Starter Generator.
- 120A 28V External regulator.  
*Adjustable voltage on request*
- Double ignition.
- Single throttle body, with servo and air box filter.
- Stubs.
- Ground test software, data logger and engine map upgrade system.
- CD instruction manual and software
- Pre - mounting measured tolerance certificate.
- Sensors on the engine:
  - 4 x CHT.
  - 2 x Throttle position.
  - 2 x Crankshaft position.
  - Air temperature.
  - Three Axis Accelerometer.
  - Fuel pressure.
  - Atmospheric pressure.
  - Alternator temperature.

#### Information available from external regulator via its own RS232:

- Output Voltage.
- Input Voltage.
- Temperature.
- Power in use.

#### All sensors' data are available via ECU RS232 or CANBUS plus:

- RPM.
- Fuel consumption in real time.
- Ignition Coil (diagnostic).
- Injectors (diagnostic).
- Throttle servo.  
(diagnostic with auto recovery)
- Fuel pump.  
(diagnostic with auto recovery)
- Pick up.  
(diagnostic with auto recovery)

#### Optional extras:

- 8801166  
Set of Mufflers.
- 8801167  
Harness.  
(Connection between Engine/ECU for ground test only; to be use in test cell)
- 8801160  
700A Starter driver card.