



MICROTEC

MON226_MV

DESCRIPTION

This ECU is a complete replacement solution for the original MV F4 (until MY09) and BRUTALE (all MY) engine control unit.

It implements all the functions and security strategies given by the original one, and is supplied with the original maps, completely configurable.

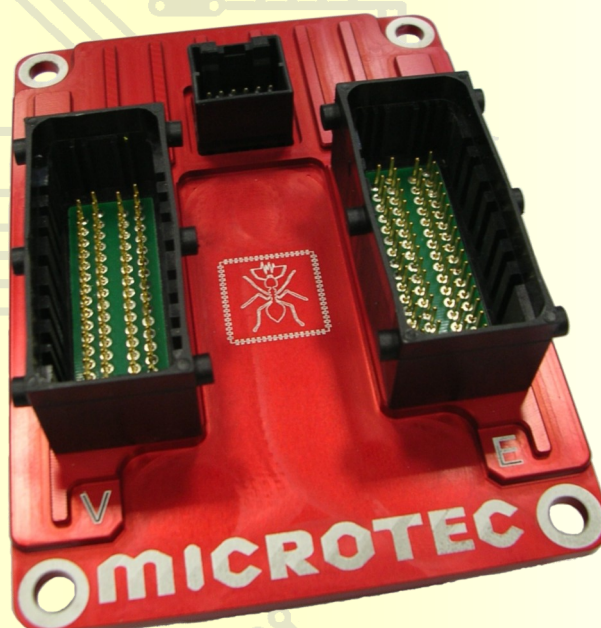
Heart of the ECU is the MPC5534 Power PC from Freescale, and with the 80Mhz system clock guarantee high calculation performances.

Complete management of ignition / injection parameters, and the automapping feature, available after purchase of a suitable lambda sensor, are the keys for maximum flexibility and performance.

On-board CAN and RS232 lines, provide a simple and standard way to connect the ECU to a data logger system or a common PC

A 3D Windows application, purposely developed for this unit, is designed for customize and monitor all the system parameters and the external sensors data.

The red box is fully anodized in aluminum material, and is simple and immediate to install into the original housing.



TECHNICAL DATA

Mechanical data

Dimensions (BOX only)	128 x 95 x 22
BOX material	Red anodized aluminum
Main Connectors	2 x 64 ways AMP
AUX Connector	12 vie AMP 040-174973
Weight	300g

Inputs

Analogic	10
Digital	10
Lambda sensor	1
Pick-up inductive / hall	1 + 1
Battery level	1
Wheel speed	2
Lambda sensor	2 (UEGO via CAN BUS)

Outputs

Injector Drivers	4
Coil Drivers	4
Fuel Pump	1
Fan	1
RPM	1
Warning Lamp	1
Light	1

Options

Electronic shift	
Data acquisition	
Auto-mapping lambda sensor	

Communication

CAN Line (1Mbit/s)	1
RS232 Line	1

Electrical Data

Power Supply	8 - 18Vdc
Temperature Range	-20 / +85°C

Software

Windows application MON226, with 3D maps viewer