



Ford VCM IDS

The Vehicle Communication Module (VCM) is a high performance, rugged, vehicle serial communications gateway. This device provides multiple vehicle serial communication interfaces to meet the requirements of all Ford Motor Company vehicles.

The VCM unit is housed in a magnesium enclosure with a tough, protective, plastic cover for the PCMCIA expansion slot which can, for example, be used for wireless LAN cards or memory expansion.

The VCM device contains five LED status indicators to provide the user with a visual mode of internal VCM, vehicle, and host device (e.g. NGS Classics T-Handle, PC, Pocket PC/PDS, and Laptop/IDS) operation.

The VCM also has detachable cables for connection to industry standard high-speed host interfaces as well as to the vehicle under test.

The VCM 2008.5 DVD includes both **IDS** (Integrated Diagnostic Software) and **PDS** (Portable Diagnostic Software) tools.

Diagnostic coverage includes most **1996 - 2010 MY** (produced 1995 - 2009) Ford, Mazda & Jaguar, Land Rover.

Application Overview

Integrated Diagnostic Software (IDS) is the next generation diagnostic tool. IDS integrates WDS software modified to run on an off-the-shelf laptop with the Vehicle Communication Module (VCM) currently used in NGS+ and PDS, and a new Vehicle Measurement Module (VMM).

Vehicle Diagnostic Connectors

The VCM 16-pin DLC cable is used to connect the VCM to the vehicle. The VCM and VMM connect to the laptop through the Ethernet-USB Adapter Cable (H406/H416).

Interface Devices

The interface devices that are used with this application are:

VCM - Vehicle Communication Module-communicates with all Ford vehicles via the 16-pin diagnostic link. This single device is used by all Ford diagnostic software and is the core of the modular strategy. VCM ownership provides access to all the VCM software including IDS, PDS and Calibrations

VMM-Vehicle Measurement Module -handles electronic and transducer based measurements.
The VMM connected to a laptop offers the following functionality:

Ignition System Test

Fuel Pressure Test

Fuel Leak-down Test

Injector Flow Test

Secondary Ignition

Current Probe Functionality

Oscilloscope

Digital Multi-Meter

Note that the application will detect the interface device that is connected to the laptop. Indicator icons will appear at the bottom right-hand corner of the IDS screen when the VCM and/or VMM are connected.

Supported languages:

Dutch, English, French, German, Italian, Japanese, Russian, Spanish



Local : (450) 654-3301

Sans Frais : 1-866-654-3301

www.autotechconnexion.com