



DEGEM SYSTEMS

AT-5102

Autotronics

Emission Control

Advanced Autotronics Simulator

Multipoint injection demonstrator

Electronic injection demonstrator

ABS 4 channel system demonstrator

Engine controls & sensors simulator

Car air-conditioning & climate control simulator

Suspension simulator

Transmission simulator

Safety systems simulator

Automotive electrical accessories

Diesel Electrical Wiring Simulator

Diesel Starting & Charging Simulator

Hydraulic Brakes Demonstrator

Smart Gasoline Car Fault Insertion system

Smart Truck Fault Insertion system

Smart Tractor Fault Insertion system

Smart Motorcycle Fault Insertion system

Common Rail Injection

Main Panel

Multipoint Fuel Injection

Emission Control

Airbag Systems

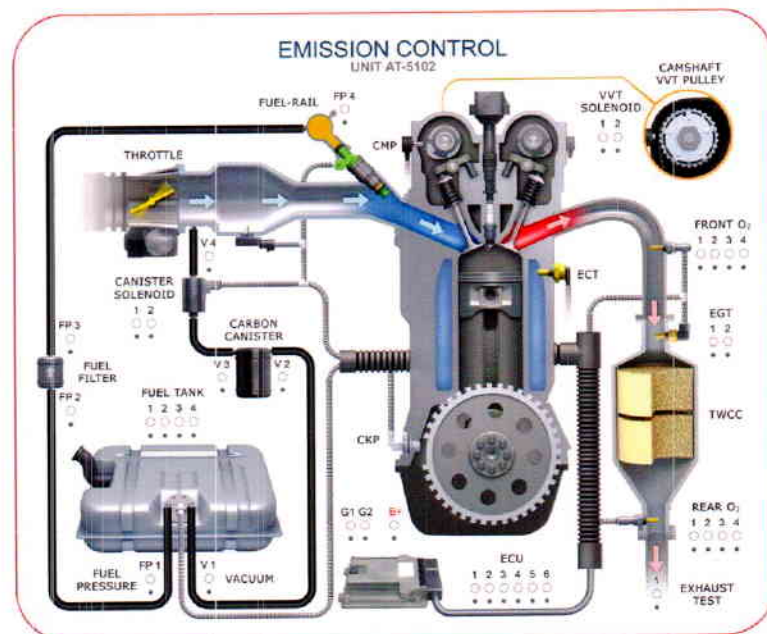
Electronic Stability Program

Hybrid Vehicle Systems

Degem's AT-5102 Emission Control course consists of a module and computer courseware. The module, which plugs into any free compartment in the AT-5000 main panel, contains multicolor graphic of the entire EMISSION CONTROL system, several test points and LED indicators.

The interactive courseware contains essential theory enhanced with vivid simulations, guided exercises that interact with the EMC module, guided diagnostic exercises and self assessment exercises

All of these provide the ideal learning environment to provide valuable true-to-life diagnostic exercises to train competent autotronics technicians.



Specifications

THEORY LESSONS COVER

- Fuel tank ,fuel pump and fuel filter
- Variable valve timing (VVT)
- Front and rear O2 sensors
- Carbon canister and purge valve
- EGT: Exhaust gas temperature sensor
- Exhaust gas analyzers
- Three way catalytic converter

TESTING AND MEASUREMENT GUIDE

Using virtual test instruments, such as digital multimeter and oscilloscope, at designated test points, for observing normal operating condition.

DIAGNOSTIC PROCEDURES

Teach the student various logical diagnostic methods through detailed step-by-step diagnostic procedures.

FAULT FINDING

- Faults are inserted in random order
- Student needs to identify fault by himself.