



DEGEM SYSTEMS

AT-5202

Autotronics

Electronic Stability Program

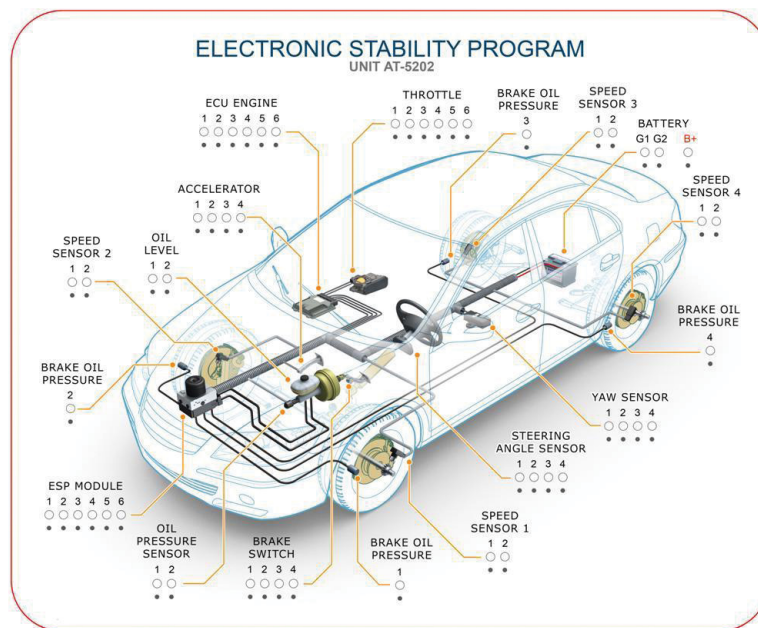
Advanced Autotronics Simulator

- Multi-point injection
- Electronic ignition
- ABS 4 channel system
- Engine controls & sensors
- Car air-conditioning & climate control
- Suspension
- Transmission
- Safety systems
- Automotive accessories
- Main Panel
- Multipoint Fuel Injection
- Emission Control
- Airbag Systems
- Electronic Stability Program
- Hybrid Vehicle Systems

Degem's AT-5202 Electronic Stability Program(ESP/ESC) 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 electronic stability system, several LED indicators to illustrate system operation and test points to measure appropriate signals and parameters during the learning process.

The interactive courseware contains essential theory enhanced with vivid simulations, guided exercises that interact with the ESP 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

- Electronic stability control systems
- Wheel speed sensor
- Yaw (vehicle rotation) rate sensor
- Steering wheel angle optical sensor
- Brake oil pressure sensor
- Brake pedal switch
- Throttle position sensor
- ESP control module for the hydraulic unit

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.