



Avy turbo 3Piston Injection

Category: Automotive · Model reference: MZM-8033



SPECIFICATIONS

DESCRIPTION

This trainer provides the instructor with a complete working engine with an engine management system for group or whole-class demonstration. It is mounted on a moveable, heavy-duty, steel frame. The system comprises all the elements that control the air-fuel ratio, the ignition timing, and the exhaust emissions together with the ECU and all the sensors and actuators associated with the control system.

The system enables fault conditions to be inserted and for these faults to be diagnosed with specialist workshop test equipment. This resource is supplied with manuals containing practical tasks and activities. The trainer can also be used in conjunction with our optional cloud-based software, which offers online interactive theory presentations, investigations, and assessments, which support the practical activities, carried out using this resource.

Trainer enables demonstrations of the following:

- The position and mounting of all engine components
- Engine management system fundamentals
- The electronic control unit (ECU)
- Sensor components
- Actuator components
- Pressurized fuel systems
- Fuel injection components
- Exhaust emission control components
- Fault finding

Trainer System Includes:



- Avy Turbo 3 Piston
- Accelerator Pedal
- Ignition Socket
- 16 Pin Diagnostic Socket
- Sensor Pin out Facility
- Stand with Castors
- 10 Fault Insertion Switches
- Mesh Guard for Rotating Parts

Items Included:

- Trainer
- Practical Activity Manual

Other Items Required:

- Fuel
- Diagnostic Equipment