Product name:	Product code:
Gasoline Engine (CAN and Climate Control) Trainer	AUT0-0032

Description

Gasoline Engine (CAN and Climate Control) Trainer

Technical specification

CAN bus

Sensor components

Actuator components

Pressurized fuel systems

Fuel injection components

Exhaust emission control components

Climate control system

Fault finding

This trainer provides a complete working engine with an engine management system incorporating CAN bus control technology.

It also includes a fully-functional climate control system for group or whole class demonstration.

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The engine incorporates heavy duty test manufacturer variable camshaft timing (MAVT) technology to optimize performance, reduce emissions and increase fuel efficiency.

The engine and climate control system are 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 also enables fault conditions to be inserted and for these faults to be diagnosed with specialist workshop test equipment.

The trainer enables demonstrations of the following:-

The position and mounting of all engine components

Engine management system fundamentals

The electronic control unit (ECU)