Product name:	Product code:
4-Cylinder Truck Diesel Engine (Common Rail) Trainer	AUT0-0030



Description

4-Cylinder Truck Diesel Engine (Common Rail) Trainer

Technical specification

The electronic control unit (ECU)

Sensor components

Actuator components

Pressurized fuel systems

Fuel injection components

Fault diagnosis

This trainer provides the instructor with a complete working 4-cylinder heavy vehicle diesel engine with a Bosch EDC engine management system and high-pressure common rail fuel injection system.

The trainer is mounted on a moveable, heavy-duty steel frame.

The system comprises all components that control the air, fuel, injection, and exhaust emissions, together with the Bosch ECU and all the sensors and actuators associated with the control system.

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The system has manually-inserted faults that allow the instructor to demonstrate troubleshooting techniques on a fully operational engine.

This resource is supplied with a manual containing practical tasks and activities.

Trainer enables demonstrations of the following:-

The position and mounting of all engine components

Engine management system fundamentals