

**Product Name :**  
4-Cylinder Truck Diesel Engine (Common Rail) Trainer

**Product Code :**  
AUTO-0030



**Description :**

4-Cylinder Truck Diesel Engine (Common Rail) Trainer

**Technical Specification :**

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.

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

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

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

The electronic control unit (ECU)

Sensor components

Actuator components

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Pressurized fuel systems

Fuel injection components

Fault diagnosis

## Civil Mechanical India

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