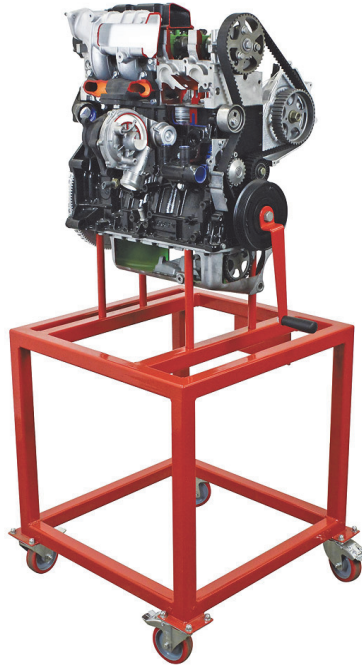


## Product Information Sheet

### Sectioned Diesel Engine (Common Rail) Trainer



This trainer provides the instructor with a complete 4-cylinder diesel engine for group or whole-class demonstration, mounted on a moveable, heavy-duty steel frame. The engine is operated by hand and is sectioned so that all moving parts can be seen and the way they interact can be observed.

This resource is supplied with a manual 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.

#### The trainer allows the instructor to demonstrate the following:

- The position and mounting of all engine components
- The operation of crankshaft and pistons
- The timing relationships between engine components

#### Trainer System Includes:

- Fully-sectioned 4-cylinder diesel engine
- Exposed colour-coded components include:
  - Cylinders
  - Pistons
  - Cylinder head and valves
  - Diesel injection system
  - Cooling system
  - Oil system
  - Alternator
- Stand with castors
- Handle for manually rotating engine

#### Items Included:

- Trainer
- Practical activity manual

#### Other Items Required:

- Automotive workshop tools

#### General Information:

Trainer Dimensions (W x D x H):  
650 x 650 x 1550 mm / 26 x 26 x 62 inches  
Packed Volume: Approx. 1.13m<sup>3</sup> / 40ft<sup>3</sup>  
Packed Weight: Approx. 210kg / 465lb

*The image shown is for illustrative purposes only – actual product may vary due to product enhancement.*

**Order Code: 773-01**

P8501-B

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