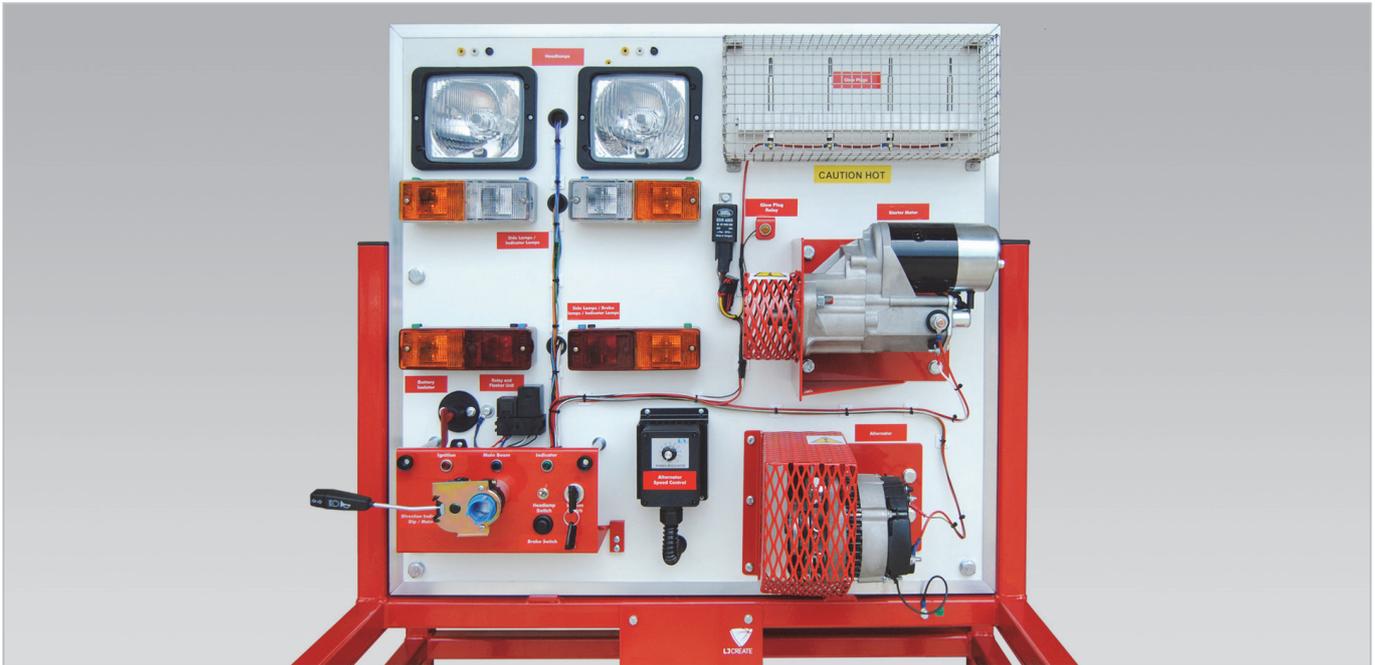


## Product Information Sheet

### 24 Volt Electrical System Trainer



This real component trainer offers a fully operational heavy vehicle electrical system designed for teaching basic electrical principles. Investigations and demonstrations allow students to acquire an understanding of how simple electrical circuit theory is key to developing sound fault-finding techniques.

Full operation of headlamps, side lamps, brake lamps, indicators, and alternator via a speed controller 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 link directly to the practical activities carried out using this resource.

#### The following vehicle circuits and systems are included:

- Starting
- Charging
- Glow plugs
- Lighting

#### Mounted on Trainer:

- Alternator 24V motor driven
- Headlamp, sidelamp, indicators and stop lights: 24V
- Ignition starter motor 24V, start solenoid
- Control dash panel
- Generic diesel pre-heat glow plug system
- Variable speed control for alternator

#### Items Included:

- Trainer
- Practical activity manual

#### Other Items Required:

- Automotive workshop tools
- Batteries (2 x 12V 44Ah)
- AC supply outlet (110V / 230V options available)

#### General Information:

Trainer Dimensions (W x D x H):  
1100 x 750 x 1800 mm / 39 x 30 x 71 inches

Packed Volume: Approx. 2.07m<sup>3</sup> / 73ft<sup>3</sup>

Packed Weight: Approx. 210kg / 465lb

Packed Dimensions (W x D x H):  
1334 x 1074 x 1444 mm / 53 x 43 x 57 inches

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

**Order Code: 770-02**

P9260-D

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