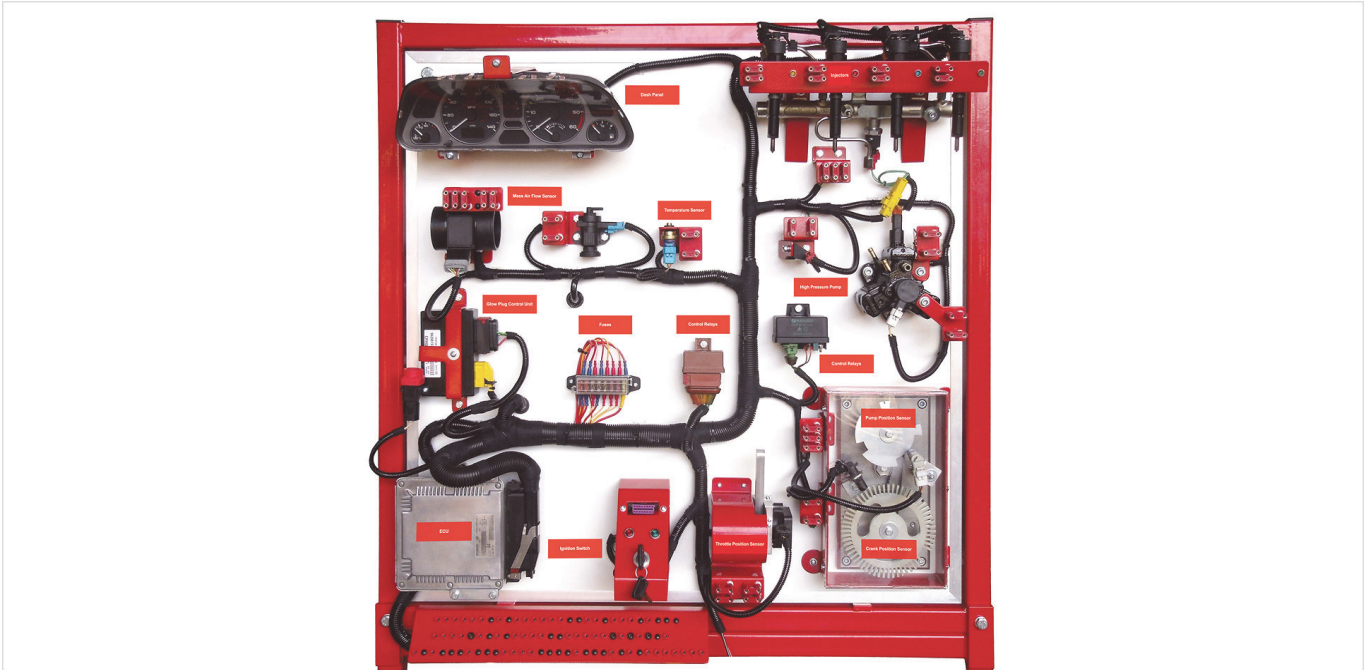


## Product Information Sheet

### HDI Common Rail Fuel Injection System Trainer



This real component trainer provides the instructor with a working HDI common rail fuel injection system for group or whole-class demonstration.

This includes all the individual components of the system presented on a moveable, steel-frame panel with each component clearly identified.

The system comprises all the elements that control the air-fuel ratio, the injectors, the ECU, and all the sensors associated with the control system. Variation of the engine speed allows the measurement of parameters within the system that are speed dependent. This is achieved by changing the rotational speed of the electric motor that drives the unit.

This is a dry-running system that uses electronic indicators to demonstrate injector operation. The system also includes a range of switchable faults for diagnostics training.

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.

#### Items Included:

- Trainer
- Practical activity manual

#### Other Items Required:

- Automotive workshop tools
- Battery (12V 44Ah)

#### General Information:

Trainer Dimensions (W x D x H):  
1030 x 750 x 1920 mm / 41 x 30 x 76 inches

Packed Volume: Approx. 2.05m<sup>3</sup> / 72ft<sup>3</sup>

Packed Weight: Approx. 140kg / 310lb

Trainer Dimensions (W x D x H):  
1430 x 810 x 2025 mm / 57 x 32 x 80 inches

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

**Order Code: 771-01**

P8499-C

**For more information visit [www.ljcreate.com](http://www.ljcreate.com)**