

# LJ Create Engine Training Systems

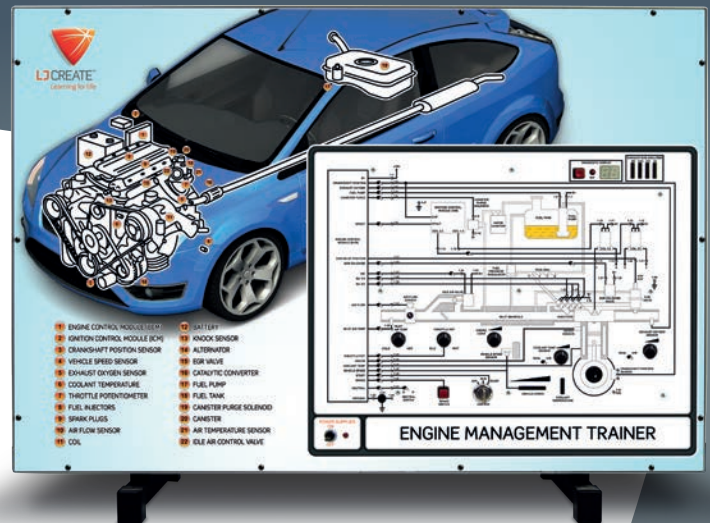
## Engine Management Systems Panel Trainer (751-01)

This trainer provides students and instructors with the opportunity to demonstrate, investigate, and fault-find a simulation of a typical engine management system.

It allows access to a variety of test points for engine components and the ECU system, and provides an understanding of the overall system layout and configuration.

Order as:

- 751-01 Engine Management Systems Panel Trainer



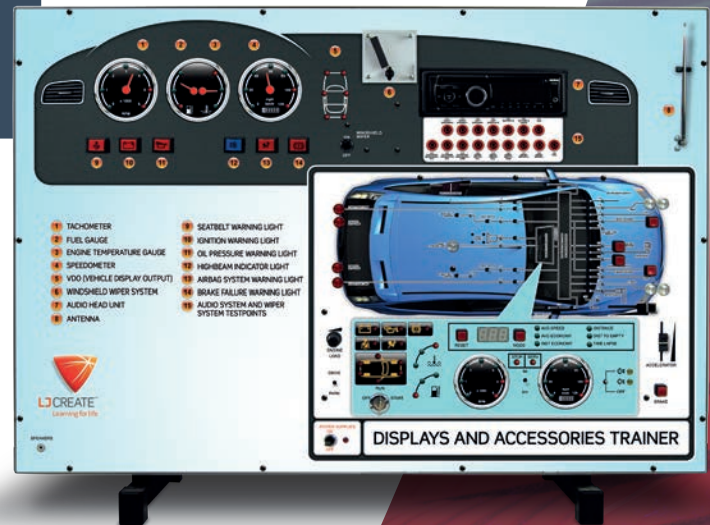
## Displays and Accessories Systems Panel Trainer (752-01)

This trainer provides students and instructors with the opportunity to demonstrate, investigate, and fault-find a simulation of typical automotive display systems.

The trainer is designed to allow access to a variety of test points for vehicle electrical components and explore how they relate to dashboard displays and warning lights.

Order as:

- 752-01 Displays and Accessories Systems Panel Trainer



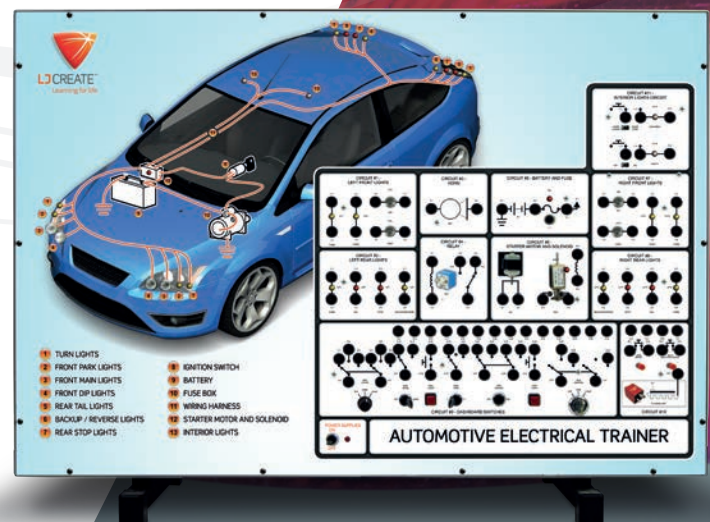
## Automotive Electrics Panel Trainer (753-01)

This trainer provides students and instructors with the opportunity to demonstrate, investigate, and fault-find a simulation of typical automotive electrical systems.

The trainer is designed to allow access to a variety of test points for vehicle electrical components, as well as provide an understanding of the overall system layout and configuration.

Order as:

- 753-01 Automotive Electrics Panel Trainer





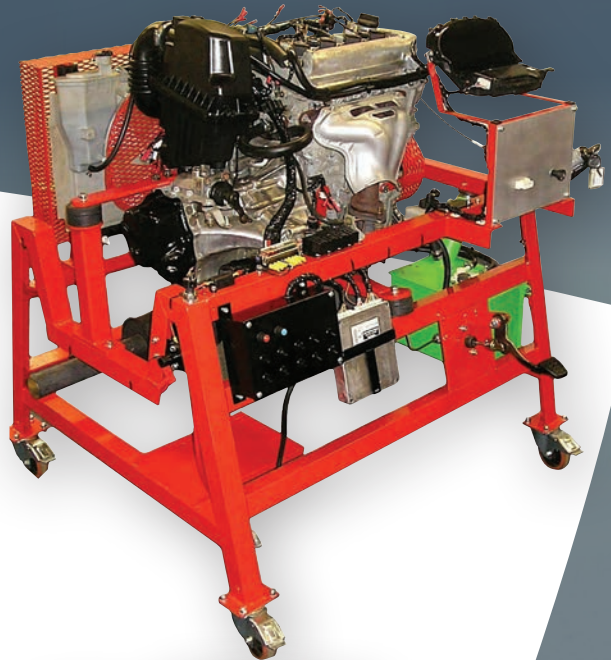
## Gasoline Engine Trainer (761-01)

This trainer provides the instructor with a complete working engine with an engine management system for group or whole-class demonstration.

It is mounted on a moveable, heavy-duty, steel frame. The system comprises all the elements that control the air-fuel ratio, the ignition timing, and the exhaust emissions together with the ECU and all the sensors and actuators associated with the control system.

Order as:

- 761-01 Gasoline Engine Trainer



## Common Rail Diesel Engine (CAN Control) Trainer (762-01)

This trainer provides the instructor with a complete common rail diesel engine with an engine management system for group or whole-class demonstration.

It comprises all the elements that control the injector timing and the exhaust emissions together with the ECU and all the sensors and actuators associated with the control system.

Order as:

- 762-01 Common Rail Diesel Engine (CAN Control) Trainer



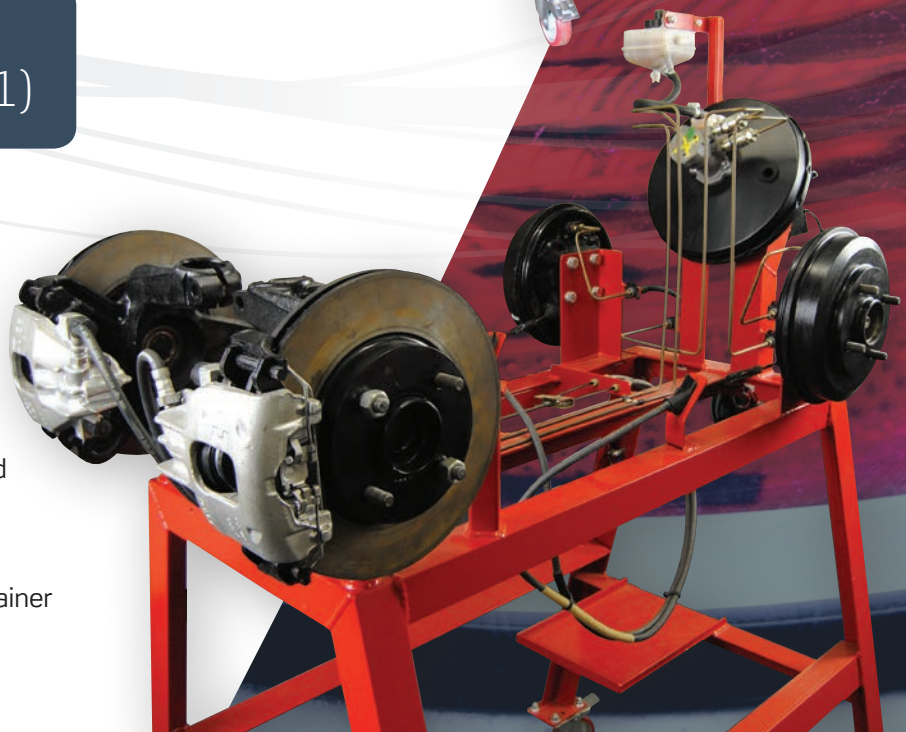
## Disc and Drum Braking System Trainer (763-01)

This real component-based trainer provides students and instructors with the opportunity to demonstrate and investigate the operation of a typical automotive braking system.

The trainer is designed to allow access to disc and drum brake components, as well as providing the opportunity to understand the operation of the hydraulic circuit.

Order as:

- 763-01 Disc and Drum Braking System Trainer



# Light Vehicle System and Component Rigs

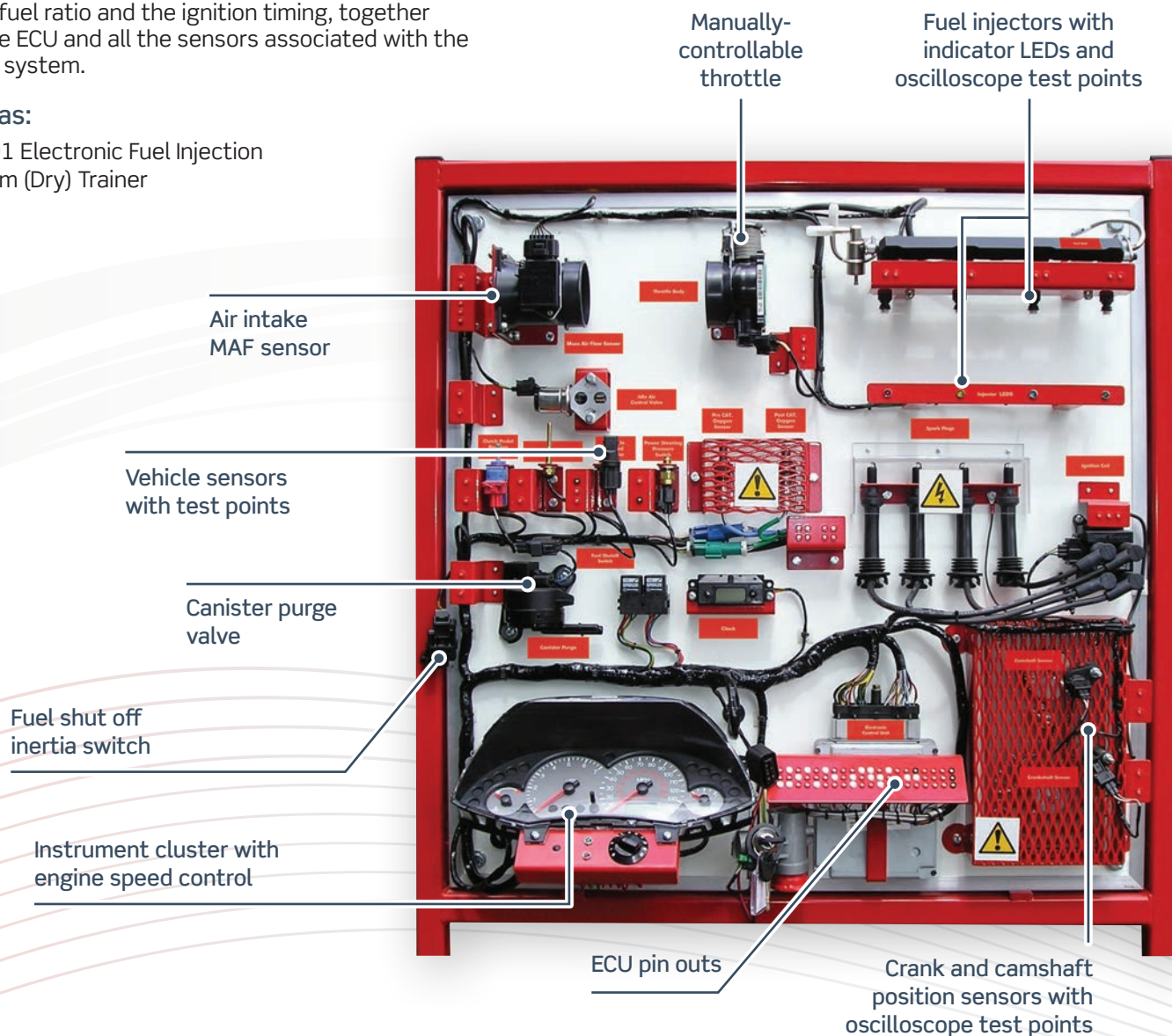
## Electronic Fuel Injection System (Dry) Trainer (767-01)

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

The system comprises all the elements that control the air-fuel ratio and the ignition timing, together with the ECU and all the sensors associated with the control system.

### Order as:

- 767-01 Electronic Fuel Injection System (Dry) Trainer





## Distributorless Ignition System Trainer (765-01)

This real component trainer provides the instructor with a working distributorless ignition system for group or whole-class demonstration.

This includes all the individual components of the system presented on a steel turret so that each component can be clearly identified.

Order as:

- 765-01 Distributorless Ignition System Trainer



## Electronic Fuel Injection System (Wet) Trainer (767-02)

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

The system comprises all the elements that control the air-fuel ratio and the ignition timing, together with the ECU and all the sensors associated with the control system.

Order as:

- 767-02 Electronic Fuel Injection System (Wet) Trainer



## Anti-Lock Braking System (Bosch) Trainer (769-01)

This trainer will provide the instructor with a simulated anti-lock braking system for group or whole-class demonstration, using components from a commercial ABS.

The system will demonstrate the basic principles of ABS, including wheel speed sensing, signal processing, fluid pressure and modulation, together with brake pressure measurement.

Order as:

- 769-01 Anti-Lock Braking System (Bosch) Trainer

