

Engine Performance Trainers & Curriculum Guide

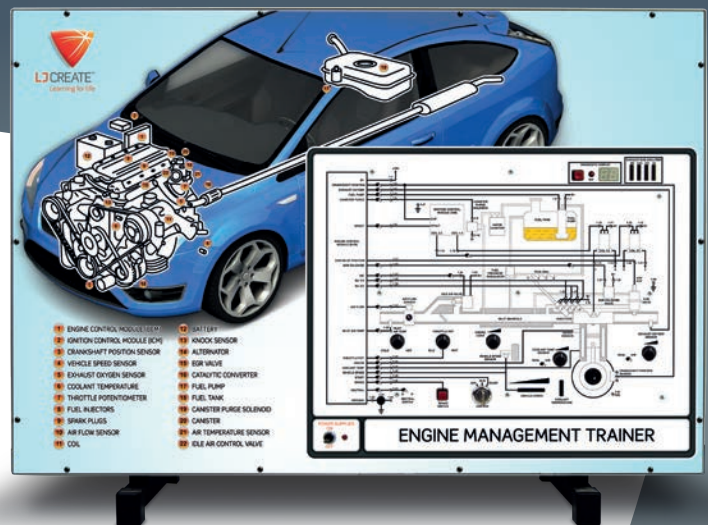
Engine Management Systems Panel Trainer (751-01)

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



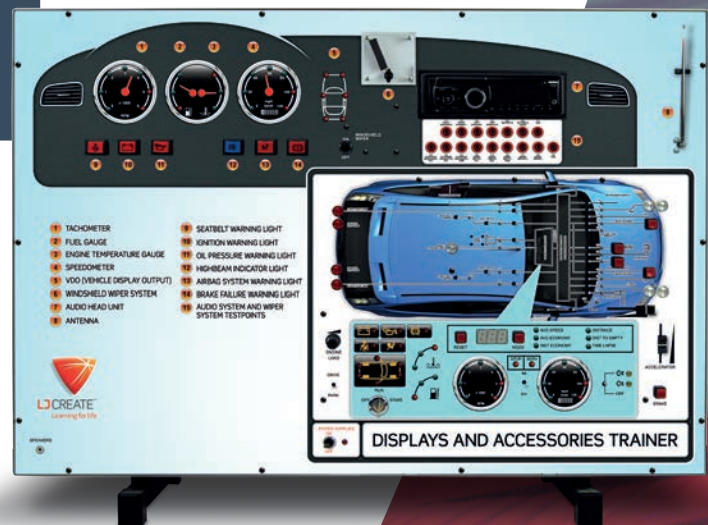
Displays and Accessories Systems Panel Trainer (752-01)

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



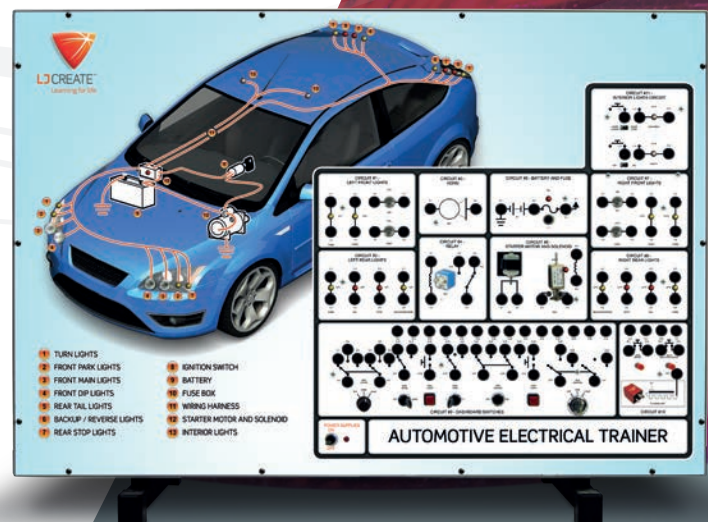
Automotive Electrics Panel Trainer (753-01)

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.

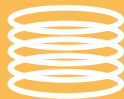
Order as:

- 753-01 Automotive Electrics Panel Trainer



NATEF Crosswalk

				Panel Trainers			System Rigs		
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IV. Suspension and Steering	MLR	AST	MAST	751-01	752-01	755-01	763-01	764-01	784-01
			4.A.2					•	
	4.B.8							•	
	4.A.2	4.B.1	4.B.1						•
		4.B.2	4.B.2					•	•
		4.B.3	4.B.3					•	
		4.B.5	4.B.5					•	
		4.B.6	4.B.6					•	
		4.B.7	4.B.7					•	
		4.B.8	4.B.8					•	
		4.B.9	4.B.9					•	
		4.B.10	4.B.10					•	
		4.B.11	4.B.11					•	
		4.B.17	4.B.17					•	
		4.C.6	4.C.6					•	
		4.C.10	4.C.10					•	
		4.D.1	4.D.1					•	
V. Brakes		5.A.0	5.A.1		•		•		
	5.A.1	5.A.3	5.A.3			•			
	5.B.1	5.B.2	5.B.2			•			
		5.B.10	5.B.10		•				
	5.B.5	5.B.11	5.B.11		•	•			
	5.C.1	5.C.2	5.C.2				•		
	5.C.3	5.C.4	5.C.4				•		
	5.C.5	5.C.6	5.C.6				•		
	5.D.1	5.D.2	5.D.2				•		
	5.D.2	5.D.3	5.D.3				•		
	5.D.3	5.D.4	5.D.4				•		
	5.D.4	5.D.5	5.D.5				•		
	5.D.5	5.D.6	5.D.6				•		
	5.D.6	5.D.7	5.D.7				•		
	5.F.2	5.F.3	5.F.3				•		
	5.F.4	5.F.5	5.F.5			•			
		5.G.1	5.G.1			•			
			5.G.8	•		•			





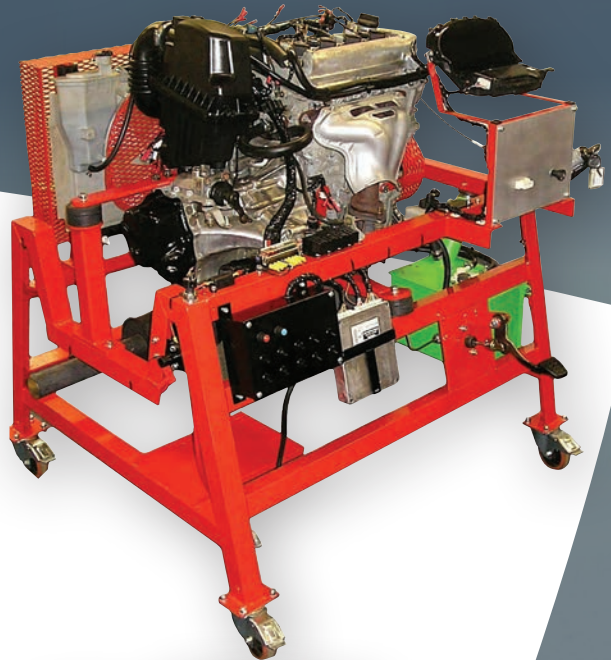
Gasoline Engine Trainer (761-01)

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

