

Product Information Sheet

Anti-lock Braking System (Bosch) Trainer



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.

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

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

It is possible to introduce controlled faults into the system, which can be monitored by means of a diagnostic plug.

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 will allow the instructor to demonstrate the following:

- ABS fundamentals
- The electronic control unit (ECU)
- Electronic wheel speed sensor components
- Modulator and hydraulic control units
- Actuator circuits and components
- The effects of wheel locking
- Self diagnosis & fault codes

Trainer System Includes:

- ABS pump
- Brake circuit
- Master cylinder
- Pressure gauges
- Electronic control unit
- Wheel sensors
- Diagnostic socket
- 6 fault switches

Items Included:

- Trainer
- Practical activity manual

Other Items Required:

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

General Information:

Trainer Dimensions (W x D x H):
1000 x 1000 x 1300 mm / 39 x 39 x 51 inches

Packed Volume: Approx. 2.07m³ / 73ft³

Packed Weight: Approx. 180kg / 395lb

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: 769-01

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For more information visit www.ljcreate.com