



OVERVIEW:

The MEGABS2 was specifically designed to teach both the hydraulic and electronic aspects of the Anti-Lock Braking System (ABS). The trainer is a fully functional system, which incorporates all live components, fault insertion and complete on board computer diagnostics in order to give the student a complete understanding of the ABS system. A complex computer controlled feedback system becomes easy to learn with this totally exposed trainer and self-paced competency-based curriculum. It easily teaches a student the fundamental of hydraulic controlled brakes and leads up to electronic control.

EDUCATIONAL ADVANTAGES:

- Demonstrates the functionality of the 2-wheel ABS System.
- Students can observe truck/tractor component operation
- Uses actual RWAL (Rear Wheel Antilock) system used by GM.
- Air pressure gauges installed
- Allows faults to be placed into the system.

COMPONENTS:

- Electronic Controlled Unit (ECU)
- Master Cylinder
- Combination Valve
- Control Valve
- Dump Valve
- Vehicle Speed Sensor
- Ignition Switch
- Variable Speed Motor
- 0-300 PSI Gauge (3)

- Brake Pedal Systems
- Isolation Valve
- Accumulator
- Live Dashboard
- Emergency Brake Light Systems

REFERENCE MANUAL:

A full student manual and all relevant technical service information is included. Topics include:

- ABS Basics
- The Isolation Valve
- The Dump Valve
- The Accumulator
- The Speed Sensor
- Electronic Control Unit
- The Dashboard Brake Light
- System Diagnosis

SPECIFICATIONS:

Approx. Size: 48" x 24" x 2" (122 cm x 61 cm x 6 cm)

Approx. Weight: 55 lbs. (25 Kg)