

## TRAINING AIDS

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## EM-122 (52621)

### 4-WHEEL ABS TRAINER 2007-2010 GM CHEVROLET



The EM-122 Four-wheel GM ABS trainer is used to demonstrate the functionality of the ABS braking system as it operates on a real vehicle. The trainer is built with OEM components and is based on the 2007-2010 GM Chevrolet Cobalt platform. The trainer can be used in the classroom environment for demonstrations to students. The instructor can manually select which wheel combinations are desired to lockup prior to application of brake pedal. The trainer provides a safe and effective method of demonstrating the principles of braking systems used on today's vehicles.

#### EDUCATIONAL ADVANTAGES:

- Demonstrates full functionality of a 4-wheel ABS system
- Allows choice of wheel combinations to "lock-up" during ABS operation
- Allows choice of ABS "application" timing for clearer demonstrations
- Six system faults that are selected by the instructor
- Trainer follows OEM wiring schematics
- Trainer can be used for full mechanical service and repair operations of:
  - ▷ Front disc brakes
  - ▷ Rear drum brakes
  - ▷ Master Cylinder & Hydraulic system (w/ pedal)
  - ▷ ABS Electrical System (w/ wheel speed sensors)
  - ▷ ABS Hydraulic Control unit
  - ▷ Parking Brake system
- Many NATEF and Red Seal tasks can be accomplished using this trainer
- Trainer can fit through a standard 30" door opening
- Provides "real world" brake pedal feedback pulsations during ABS operation

#### APPLICATION:

- 2007-2010 GM Chevrolet Cobalt

#### FEATURES:

- “Real” automotive components with fully functional ABS 4-channel hydraulic system
- Equipped with DLC for scan tool data stream hookup
- OEM vehicle instrument panel with indicator lamps
- ABS Control Unit breakout box for hookup of DVOM and Oscilloscope
- Hydraulic pressure gauges at each wheel (4)
- Fault insertion box (lockable) 6 faults
- Disc/drum four wheel brake assemblies
- Fully functional parking brake system
- 55A DC power supply included
- Heavy Duty metal stand with casters for easy transport of trainer
- All routine brake service procedures can be performed on this trainer including component replacement, adjustments and hydraulic bleeding
- Power requirements: 110V @ 20 amps or 220V @ 10 amps (specify when ordering)
- Sturdy powder coated metal stand with two locking swivel and two fixed casters

#### TECHNICAL INFORMATION:

- Power requirements: 110V @ 20 amps or 220V @ 10 amps (specify when ordering)
- Sturdy powder coated metal stand with two locking swivel and two fixed casters
- Dimensions: Height: 51” Width: 24” Depth: 50” (127.5 x 60 x 125 cm)
- Weight: 325 lb (147.7 kg)