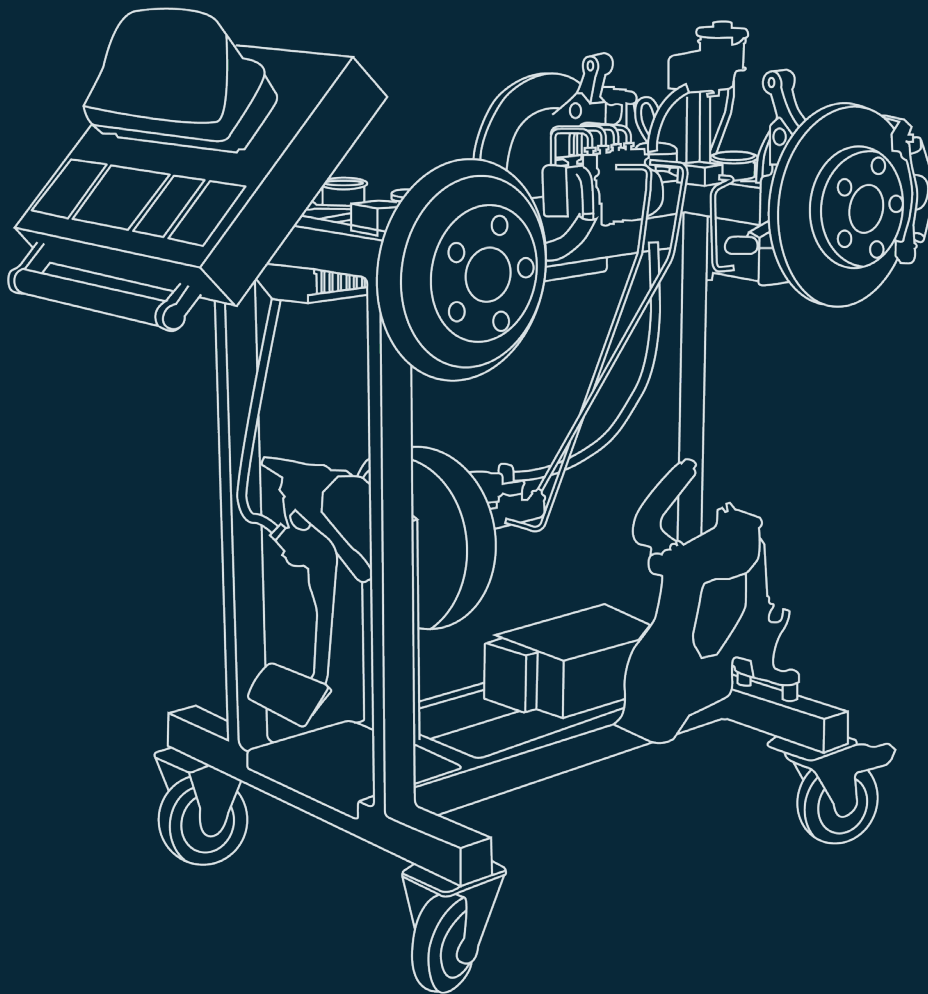




# Disc & drum ABS brake trainer + faults





The EM-122-HN02 Four-wheel Honda ABS trainer is used to demonstrate the functionality of the ABS braking system as it operates on a real vehicle. Mechanical faults in the friction components are designed to be diagnosed by students while performing a brake inspection. This trainer also comes with six insertable, electronic faults. The trainer is built with OEM components and is based on the 2006-2010 Honda Civic platform. The trainer provides a safe and effective method of demonstrating the principles of common anti-lock 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 electrical faults that are manually selected by the instructor.
- Mechanical faults in the friction components are designed to be diagnosed by students while performing a brake inspection.
- 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 ASE Education Foundation (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.

## FEATURES

- "Real" automotive components with fully functional ABS 3-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 easy connection of a DVOM or Oscilloscope.
- Hydraulic pressure gauges at each wheel (4).
- Lockable fault insertion box with 6 electrical faults.
- Mechanical faults (4).
- Disc/drum four wheel brake assemblies (NOTE- discs, drums, wheel cylinders, calipers and all friction materials are new. All other OEM components are recycled from actual vehicles).
- 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.

## APPLICATION

2006-2010 Honda Civic.

## 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).



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