

Product Name :
Astra Scientific Working Model of Abs Braking System

Product Code :
AutomobileLab0027



Description :

Astra Scientific Working Model of Abs Braking System

Technical Specification :

The Educational model demonstrate 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 2006-and above vehicles model 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.

The training brake rig is a great educational tool that allows students to learn the structure of hydraulic braking system, study its components, perform various measurements, tests and other service and diagnostic procedures.

FEATURES:

- "Real" automotive components with fully functional ABS 4-channel hydraulic system
- 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
- Four (4) hubs equipped with brakes (2 discs and 2 drums)(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
- All routine brake service procedures can be performed on this trainer including component replacement, adjustments and hydraulic bleeding

SPECIFICATIONS:

- Fully functional, cross diagonal, hydraulic braking system with ABS is installed in a mobile solid frame.
- 55A DC power supply included
- 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

- 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



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