

**Tesca Automotive Basic Hydraulic Dual Circuit Brake System Demonstrator enables:**

- To show the operation of the hydraulic brake pump.
- To demonstrate the function of the servo unit.
- To display the transformation of the brake pedal movement into a movement of the brake cylinder in the disc and the drum brake at the wheels.
- To show the function of the hand brake at the rear wheels.
- To present the inner part of the drum brake and the function of the drum brake.
- To explain the safety of two circuit braking system

**Principles of the operation of the System:**

- A graphic next to each component on the panel shows the inner part of each component.
- All functions in the brake system are available.
- A brake down valve can be used to simulate a system failure.
- All components are mounted on a single panel.
- The panel could be fixed to wall.

**Components**

- Power supply by battery.
- Vacuum pump.
- Graphic layout.
- Braking system of a 1.5cc current automobile.
- Arrangement display on a panel with additional explanation by both graphic and word.
- Brake light and the contact to activate brake light.
- Brake pump, servo unit, brake cylinder, brake disc, drum brake, hand brake, Hand Brake Liver, Twin Master Cylinder, Brake Pedal, Brake Light, Hydraulic Fluid Hose wiring and connecting hoses.

Note: Specifications are subject to change.

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