

### CUTAWAY ACTIVE BRAKE BOOSTER AND MASTER CYLINDER



The ConsuLab EC-122 cutaway allows to visually demonstrate the operation and internal parts of a vacuum brake booster and master cylinder. The trainer is equipped with a braking handle that simulates the brake pedal for educational purposes. On a vehicle when the driver depresses the brake pedal, the movement is transformed into hydraulic pressure that is delivered to hydraulic cylinders at the four wheels through pipes and hoses using an incompressible fluid.

#### EDUCATIONAL ADVANTAGES :

- Demonstration of vacuum brake booster and enhanced features to support the Advanced Trac system;
- Demonstrates how the vacuum brake booster assists the brake pedal to create system pressure.

#### MAIN FEATURES :

- Active brake booster solenoid/brake pedal force switches;
- Cutaway master cylinder;
- Brake pedal position (BPP) sensor;
- Brake booster diaphragm;
- Active brake booster solenoid.

#### PHYSICAL SPECIFICATIONS :

- Dimensions : 21 x 10 x 12 in (53.3 x 25.4 x 30.5 cm) / 23.25 x 10.50 x 18.25 po (59.1 x 26.7 x 46.4 cm) (with packaging)
- Weight : 25 lb (11.36 kg) / 29 lb (13.18 kg) (with packaging)