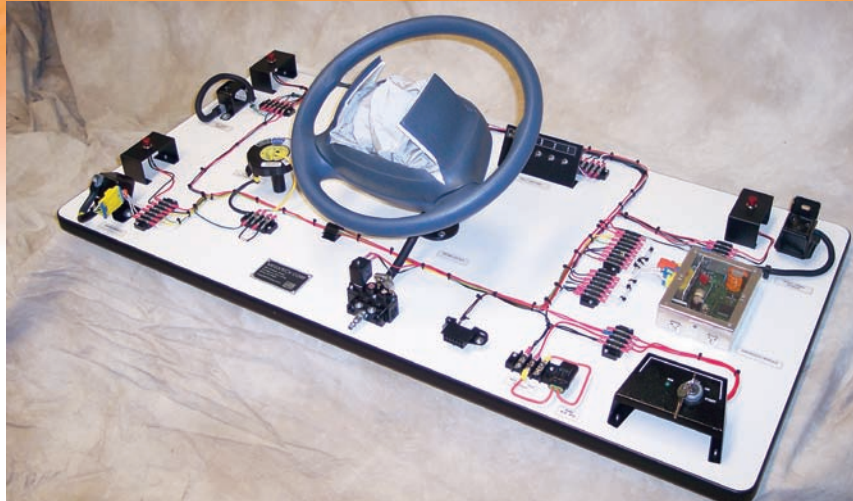


# ELECTRICAL/ELECTRONIC SYSTEMS



## AIR BAG TRAINER, REDEPLOYABLE (S.R.S) MEG80115

### DESCRIPTION:

With the Megatech (S.R.S.) Air Bag Trainer, the student can learn the operation, testing and troubleshooting of an actual operating deployable air bag. Because of the dangers involved with automotive live air bags, it is important that the student have the necessary knowledge and skills to practice with the Megatech trainer.

The trainer has a quick disconnect fitting to allow compressed air to be hooked into the trainer so that the air bag can have a controlled “blow-out”. The timing mechanism is part of the design for safely opening the air valve that can be set to slower/higher air flow rates. A bank of switches can provide fault insertion and have the student do the diagnostics. The impact sensors, the wiring diagram and other components are based on G.M. parts that are readily available from local suppliers or from our factory. This trainer comes with student manual and teacher’s guide. The technical writing was done in partnership with a Canadian Technical College.

### FEATURES/BENEFITS:

- Pneumatic operated deployable air bag has a flow rate valve that controls the speed of deployment into a safe range of operation.
- Diagnostic Monitoring is performed with a microprocessor which checks the wiring and electrical components.
- Components are displayed and accessible.
- Crash and safety sensors are directly available on the board, without the student getting involved with a live vehicle.
- The teachings of “Back-Up” power supply are shown on the board with relative ease, in case of battery destruction.
- The unit provides for an Air Bag indicator light that flashes trouble codes.
- A Fault Box is standard.
- Requires 12 VDC.