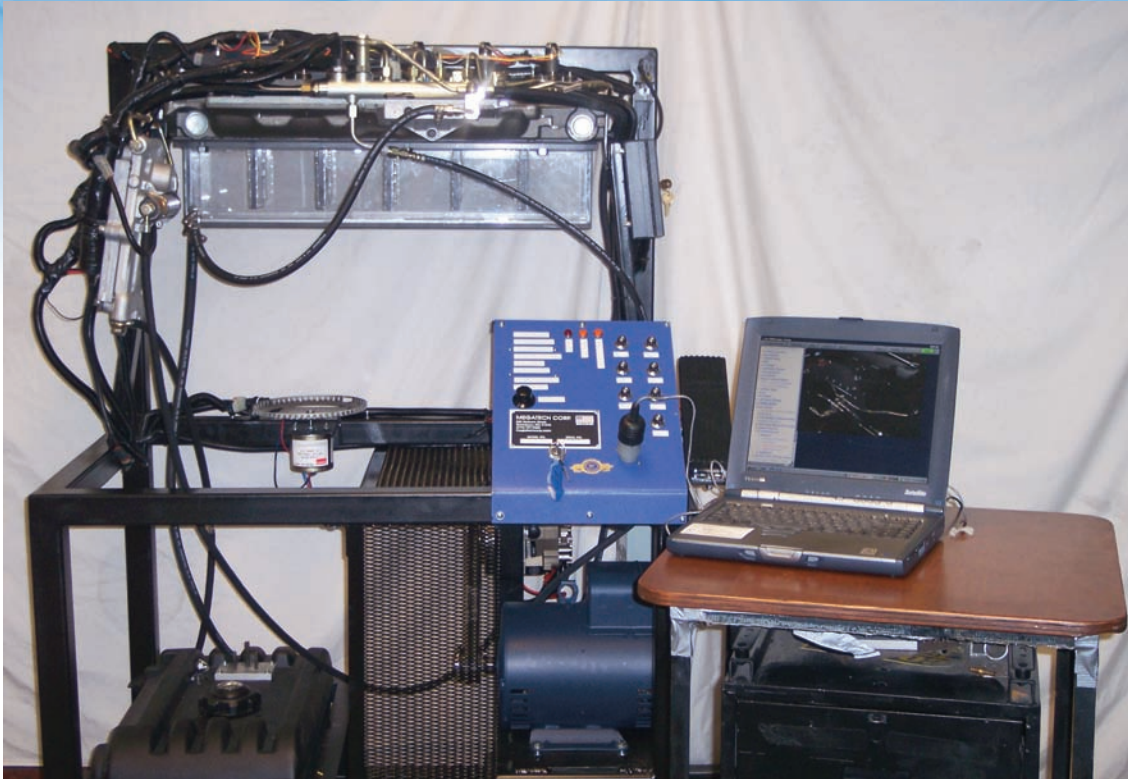


TRUCK / HEAVY DIESEL



CUMMINS DIESEL TRAINER: ELECTRONICALLY CONTROLLED COMMON RAIL MEG550DCR6

DESCRIPTION:

The MEG550DCR-6 trainer is constructed from a late model Cummins ISB type vehicle, using an electronically controlled Diesel fuel injection system. The program consists of a trainer built with genuine equipment and educational materials to teach the fundamentals of Common Rail fuel injection and engine control. The electronics are faulted in order to create problems in the fuel system for student diagnosis and practice.

Trainer has a complete operational fuel injection system with "built-in" fault simulation, ECM computer system, sensors, actuators and controls. The system has the provision for the proprietary ISB computer connection and includes the basic Insite software for hook-up and diagnostics.

All controls for the sensors are conveniently located on the front panel of the portable cabinet. Fuel injectors operate so that students can view the injector spray patterns inside the clear Lexan tank. The electronic control module simulates input signals from the sensors to demonstrate the different fuel injection functions and simulate engine load demands. On the trainer there is a complete fuel control system with fully accessible testing points.

The system can be connected to diagnostic test equipment for monitoring and troubleshooting 6 code and non-code faults. A fault module located on the front panel allows the operator to insert fault codes by remote for troubleshooting and diagnosing. The program to include the following items:

- A. Common rail diesel trainer student manual
- B. Common rail diesel trainer instructor's guide
- C. Manufacturer's service manual as Reference Manual
- D. Diagnostic Control Panel

Requires 12VDC