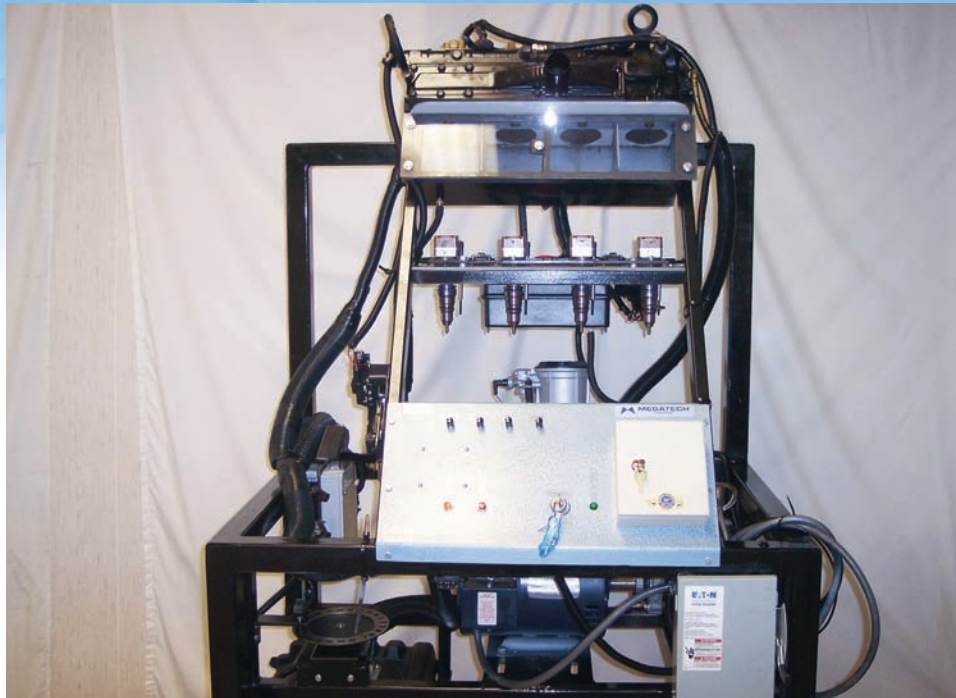


# TRUCK / HEAVY DIESEL



## FORD DIESEL FUEL INJECTION TRAINER: MEG550D

### DESCRIPTION:

The MEG550D trainer is constructed from a late model FORD Powerstroke type vehicle, which has a fully electronically controlled Diesel fuel injection system. The trainer is built with genuine equipment and includes educational materials to teach the fundamentals of HUEY or Common Rail fuel injection and engine control. The trainer offers hands on activities for diesel engine diagnosis by introducing faults into the fuel system.

The trainer has a complete operational fuel injection system with "built-in" fault simulation, ECM computer system, sensors, actuators and controls. The trainer has a provision for a DLC connection for scan tool hook-up and diagnosis.

All controls for the sensors are conveniently located on the front panel of the portable cabinet. Fuel injectors to operate so that students can view the injector spray patterns inside the clear Lexan tank. The electronic control module gives the 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 remote control operated fault module located on the front panel allows the operator to insert fault codes by remote for troubleshooting and diagnosing.

The program includes the following items:

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

Requires 12VDC