



The diesel engine trainer is a fully operational engine mounted on a mobile stand. The trainer is based on 2010-2014 VW Jetta or Golf TDI 2.0L global engine platform. The trainer is easy to work on and all major components, wiring and connectors match OEM configuration. Trainer is mounted on a mobile stand constructed of 2" (5 cm) tubular steel equipped with four 5" (12.5 cm) phenol casters (2-fixed and 2-swivel w/ locks). Students can perform many NATEF related Engine Performance and Electrical/Electronic tasks using this trainer. Trainer is equipped with safety guards covering all rotating components.

### EDUCATIONAL ADVANTAGES

- Demonstration of systems to groups of students without the access limitations of a complete vehicle
- Engine system responds to inserted faults with real world symptoms, OEM DTC's and check engine light operation

### APPLICATION

- 2010-2014 VW Jetta/Golf TDI 2.0L diesel engine

### FEATURES

- Common rail injection system with Piezo fuel injectors
- Diesel particulate filter with upstream oxidation catalyst
- Intake manifold with flap valve control
- Electric exhaust gas return valve
- Adjustable exhaust gas turbocharger with displacement feedback
- Low and high pressure Exhaust Gas Recirculation (EGR) system
- 1 Year warranty on parts and labor

### STANDARD EQUIPMENT

- 2010-2014 VW TDI 2.0L, 4-cylinder diesel engine
- Automatic or manual transaxle
- OBDII data link connector
- Integrated ECM breakout box w/ test points and
- ECM terminals identified with OEM terminology
- Automatic regulated battery charger
- 12 V Battery
- Fuel tank
- Exhaust system w/ catalytic converter
- Safety covers for all rotating components
- HD 2" square tubing mobile stand with 5" (12.5 cm) phenol casters (2-fixed and 2- swivel w/locks)
- Scanner shelf for handheld scan tools
- Comes with only one OEM key (additional keys optional)

### OPTIONAL EQUIPMENT

- Electronic programmable fault box with 16 faults capable of programming intermittent fault insertion (EM-250-2)
- Manual fault box for engine (EM-250)
- Vinyl dust cover (24082)
- Fork lift bars (52827)
- Secondary key for engine bench with programming (53150)

### TECHNICAL INFORMATION

- **Dimensions:** 45 x 60 x 51 (112.5 x 150 x 127.5 cm) / 48 x 66 x 54 (120 x 165 x 135 cm) with packaging
- **Weight:** 915 lbs / 1025 lbs with packaging