



*(indicative photo)*

## DESCRIPTION:

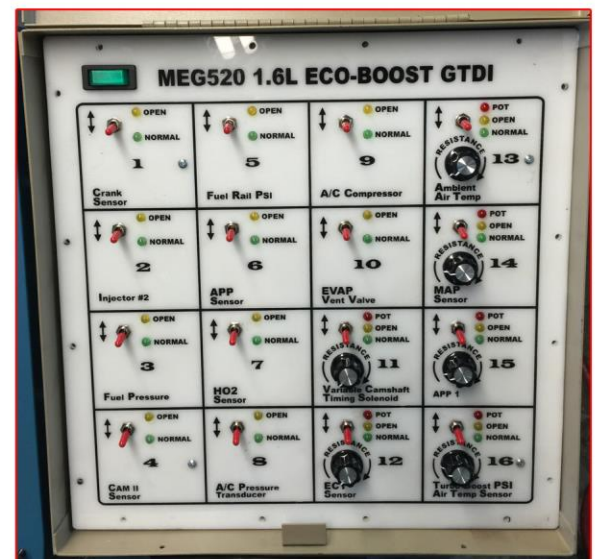
The MEG520 recycled gas engine performance program is a fully operational engine on a test stand that can be constructed from any readily available make and model engine. The exposed engine makes this trainer easy to work with. All major components, wiring and connectors match OEM configurations for easy diagnosis. The engine mount is a heavy duty test stand with mobile casters, constructed from 2" x 2" steel mechanical tubing. NATEF based training in Engine Performance, Engine Repair and Electrical/Electronics can easily be performed.

## EDUCATIONAL ADVANTAGES:

- Latest vehicle system and diagnostic technologies
- Exposed engine allows easy demonstration of the system
- Real world symptoms can be created via Fault Insertion Box (up to 12 - 20 custom faults)
- Breakout Box allows easy access to electrical circuitry for viewing with test-lights, scantools and oscilloscopes
- Depending on make and model, engine management systems may include: CANbus, EVAP, GDI, ECT, HVAC and more.

## STANDARD FEATURES:

- Fully Operational Engine (based on customers choice)
- Transaxle
- Tubular test stand specially coated to resist chemical spills/minor scratches
- Mobile heavy duty swivel casters
- Full Instrument Panel (OEM)
- Fault Insertion Box w/ LEDs (up to 16 Total Faults)
- Breakout Box with test terminals matching OEM ECM connectors
- OBDII DLC (Data Link Connector) for scantool connectivity
- OEM power distribution center w/ circuit protection
- OEM fuel pump and gas cap



*Fault Box*

## OPTIONAL FEATURES:

- Fault Box (12 - 20 custom Faults)
- Engine Coolant Sight Glass
- OEM A/C system with sight glasses
- Manual fault box for HVAC
- Instrument panel protection
- Vinyl dust cover
- Fork lift bars
- Additional instrumentation package if available
- Transport handle
- Laptop/Scan tool tray
- Emergency Stop Button



*Optional HVAC System*



*Optional AC Sight Glass*



*Optional Engine Coolant Sight Glass*

## SPECIFICATIONS:

Approx. Size: 60" x 72" x 60" (153 x 183 x 153 cm)

Approx. Weight: 1200-1500 lbs. (545 - 680 kg)