



Feature

- Diesel engine simulator that equipped with fuel, cooling, intake, exhaust panel so that allows theoretical training and experiments.
- Easy to check and diagnose all faults that can happen in an actual vehicle system so that it's able to do effective education concerning maintenance system.
- Check terminal box is attached for the test of electronic circuits and sensors with diagnose devise.

Specification

■ Composition

- 1) 4 Cylinders New CRDI Diesel engine assembly
 - 2) All Startup-related electric devices
 - 3) Electronic injector, Fuel Filter, Fuel Tank, Fuel Pump, Fuel Equipment, DC 12V/90A Battery for Vehicles, Generator
 - 4) Water Cooling System such as Radiator, Overflow Tank, Relay, Electric Fan
 - 5) Exhaust System such as Catalytic Converter, Emission, Silencer
 - 6) Start Switch (Operating Key S/W) Anti-vibration dampers and on stand with a urethane wheels
 - 7) Control box, fuel tank with all fuel connections , accelerator pedal
 - 8) Full Electric circuit with fuse box
 - 9) Full charging circuit
 - 10) Installment of safety guide of stainless molding type
 - 11) Radiator-only stand and laser processed protection panel
 - 12) Temperature indicator
 - 13) Fuel level indicator
 - 14) Charging indicator
 - 15) RPM indicator
 - 16) Oil level indicator
 - 17) Equipped with all sensors included: Crank sensor, Cam sensor, Temperature sensor, Air volume sensor, Gate sensor
- Size : Approx. 1,800 X 1,800 X 1,600 mm
 - Weight : Approx. 450 kg

Training Contents

- Various practices by self-diagnosis.
- Operation, measurement and inspection of auto transmission.
- Measurement of exhaust, Measurement and inspection of compression pressure of cylinder.
- Measurement of radiator cap pressure and inspection of the leakage from the radiator.
- Operation test of Fuel pump, Measurement and inspection of Oil pressure.
- Measurement and adjustment of tensions of timing chain and fan belt.
- Measurement and adjustment of voltage and current in such as a charging circuits, start circuits.
- Connector checking terminal for inspection of sensors and actuator.
- Inspection of every part of intake and exhaust system.
- Inspection of every part of each automotive electricity, fuel system, ECU, sensors and actuator.
- Inspection of belts in cooling system and pumps.
- Inspection of the rest of parts.