

GASOLINE ENGINE ASSEMBLY AND DISASSEMBLY EQUIPMENT

REFERENCE : Y3140



Non contractual photo

SERVICE :

- Gasoline Engine Assembly and Disassembly Type Equipment that equipped with fuel, cooling, intake, exhaust panel so that it can be used for variety of theoretical training and simulating.
- 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.
- Ideal model of starting gasoline engines and able to assemble and disassemble.
- 360-degree rotating stand for assembly and disassembly practice convenience.
- Exhaust muffler is specially designed with heat-resisting paint to be maintained at high temperatures up to 600?.
- The entire process of ISO9001 and D.C.C.A.P.T of TQC method of YES01 are applied in manufacturing.

Educational Objectives :

- Various practices by self-diagnosis.
- Various practices by Electric-controlled gasoline engine tune-up.
- Measurement and adjustment of voltage and current in such as a charging circuits, start circuits.
- Connector checking terminal for inspection of sensors and actuator.
- Measurement of exhaust, Measurement and inspection of compression pressure of cylinder.
- Operation test of Fuel pump, Measurement and inspection of Oil pressure.
- Measurement and adjustment of tensions of timing chain and fan belt.
- Inspection of every part of each automotive electricity, fuel system, ECU, sensors and actuator.
- Inspection of all kinds of belts and pumps.
- Inspection of the rest of parts.

Technical specifications :

- Composition
1. Electrical Control Gasoline Engine Assembly, 1,600cc, Solitary Startup Type
 2. Electrical and electronic devices such as, ECM, TCM, AFS, CKP, CMP, O₂Sensor, WTS, Control Relay and etc.
 3. Injector, Fuel Filter, Fuel Tank, Fuel Pump, Fuel Equipment, DC 12V/60A Battery for Vehicles, Generator
 4. Ignition coil, Spark Plug, High Voltage Cables etc.
 5. Exhaust System such as, Catalytic Converter, Emission, Silencer
 6. Start Switch (Key S/W) Anti-vibration dampers and a urethane wheels
 7. Fuel pressure gauge ?1 (1Mpa)
 8. Battery voltage gauge ?1 (30V)
 9. Cabinet type storage space with 2 door

10. Separate Engine/Control Stand
 11. Gasoline Engine
 12. Removable Oil Reservoir Base
 13. Stand: Reducer, 100 :1 (360°reverse)
 14. Maximum load: 500 kg
- Size : Approx. 1,500 X 1,400 X 1,300 mm
 - Weight : Approx. 400 kg