



## Feature

- As an education unit for understanding comprehensive wiring structure of 1,500cc gasoline vehicle, it's manufactured in a way that students are able to get various theory educations and do practices.
- Components are arranged in same locations with an actual vehicle so that operation of parts can be done for effective education.
- 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.
- Able to practice fault tests (can make failure condition on purpose)
- Unique wiring of vehicle used. For education, wiring is manufactured in order for us to see it straight.
- Checking pins for measuring waveforms are installed at each sensor for wiring protection.
- Sparkling at spark plug can be observed with naked eye and safety cover is equipped.
- Able to observe the fuel injection with the naked eye and LED light works during injector operation.

## Specification

- Composition
  - 1) Switch board : Approx. over 2,500 X 800 X 1,700 mm
  - 2) Attached circuit : Ignition circuit, charging circuit, circuit of indicating direction and emergency light, horn circuit, door lock circuit, head light circuit, washer circuit, wiper circuit, starting circuit, fuel circuit, sidelight circuit, antenna circuit, audio system circuit, various sensors and switch, ECU, key box, combination switch, relay box, battery, combination switch relay, fuse box and fuel tank
  - 3) Distributor and wipers operate normally by motor and spark at plug can be checked with naked eye
  - 4) Steering handle, surge tank, throttle body, injector and AFS light attached
  - 5) Battery and charger
  - 6) Charging Device : with extra Charger or 2HP motor operation
  - 7) 1,500cc Engine Type

## Training Contents

- Various practices by self-diagnosis.
- Waveform measurement of each sensor.