

## Gasoline Engine Training System

### ■ Introduction

● The training set adopt Toyota Corolla electronical controlled engine assembly, with complete accessories, can be used to complete various training Content of engine load (start, acceleration, deceleration, idling etc). All components adopt original parts, QC strictly testified, in accordance with Production Quality Management standard of ISO9001:2008, suit for car engine structure and maintenance practical training in the medium and senior vocational schools and car training institutions, satisfy the requirement of teaching training project on the electronic controlled engine structure, working principle, fault diagnosis, fault setting and exclusion assessment.



#### Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

### ■ DLQC-FDJ006 Toyota Corolla Electronical Controlled Engine Training Set

#### ■ Features

- Demonstrate the engine work, run smoothly, truly reflect the EFI gasoline engine structure and working principle
- Show engine oil pressure, vacuum pressure, oil pressure normal operating pressure
- Equipped with digit display meter to display the related sensor working static value and dynamic value
- Equipped with electronic engine control system schematics and detection terminal, through a variety of professional instruments to detect the signal parameters of sensors, actuators etc. such as voltage, resistance, frequency etc.
- Equipped with diagnostic blocks can be connected to a dedicated or general-auto decoders, to complete reading fault codes of engine electronic control system, clearing fault codes, reading data stream, matching adjustment, programming, testing, testing terminal components etc engine diagnostic function.

#### ■ Technique Features

- Support frame adopt imported panit special for car, high temperature coating, with anti-corrosion function
- Support frame material is welded with quality square tube(40\*60\*3mm)
- Size: 1580\*880\*1780mm

#### ■ Basic Configuration

- Corolla engine assembly, engine control unit, engine circuit plug, combination instrument, training panel, diagnostic block, tank assembly, up and down pipe, Kettle, thermostat switch, cooling fan assembly and bracket, pressure gauge, vacuum gauge, ignition switch, battery, starter, generator, fuel pump assembly, fuel filter, air filter, Ignition key with a chip, anti-theft control unit, anti-theft Identification coil, intake and exhaust manifolds, catalytic assembly, oil tank, movable bench and mobile casters, general power switch, relay and fuse box, instruction manual and user training guide etc.

#### ■ Training Content

- Engine structure and composition training
- Engine component setup position training
- Engine sensor voltage, resistance, signal testing training
- Engine fuel pressure, Vacuum pressure, oil pressure training
- Engine Schematics analysis training
- Engine control unit fault code reading, fault code eliminate, data flow reading, Anti-theft matching adjustment, programming, terminal component testing training
- Engine troubleshooting and confirmation training
- Engine fault setting and exclusion training Engine practical operation and theoretical exam training