

Engine Teaching Board Series(Gasoline/Diesel)

■ Introduction

- The training set adopt automotive ignition physical system. All components adopt original parts, QC strictly testified, in accordance with Production Quality Management standard of ISO9001:2008, satisfy the requirement of teaching training project on the car traditional ignition system ,electronic ignition system and PC controlled ignition system structure, working principle, fault diagnosis, fault setting etc.



Note :

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

■ DLQC-FDJ-D001 Automotive Ignition System Teaching Board

■ Feature

- Teach board can demonstrate three different types of ignition system structure and working principle
- Teach board can do comparison with one or more ignition types.
- Teach board can setup fault and assessment (please refer to the detailed fault setting and assessment system introduction)
- Teach color engraved with colorful ignition system schematics, equipped with detection terminal to detect the pin and various electrical components signal such as electrical resistance, voltage, current, frequency etc, strengthen the student hand-on ability.
- Teach board installed with diagnostic block, which can connect to dedicated or universal car decoder for effect self-diagnosis functions like reading fault codes, clear fault codes, reading data streams of the electronical controlled system etc.

■ Technical Feature

- 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: 1300mm*580mm*1780mm

■ Basic Configuration

- Platinum contact distributor assembly, ignition coil assembly, high-power lines, spark plugs, engine control unit, anti-theft control unit, engine speed sensor, relay and fuse box, battery, training panel, ignition key, ignition switch, anti-theft identification coil, mobile bench and universal casters, general power switch etc.

■ Training Content

- Ignition sctructure and composition training
- Different ignition modes distinguish training
- Ignition system sensor voltage, resistance, signal testing training
- Ignition system Schematics analysis trainging
- Ignition system control unit fault code reading, fault code eliminate, data flow reading, Anti-theft matching adjustment, programming, terminal component testing training
- Ignition system troubleshooting and confirm training
- Ignition system fault setting and exclusion training
- Ignition system practical operation and theoretical exam training