

Vehicle Auxiliary System

Note :

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



■ Introduction

● The device is designed based on the Volkswagen Jetta manual air conditioning system to demonstrate the structure and operation of the system. All parts are original parts, before delivery through layers of inspection, production quality management according to ISO9001: 2008 standards implementation. The device applies to theoretical teaching and maintenance training of the manual air conditioner system in secondary and senior vocational skill schools, normal education and training institutions

■ Training Content

- Manual air conditioning system structure composition and working principle project training;
- Students can vacuum filling refrigerant leak detection training and other practical operation project;
- Manual air conditioning system components installed location of each component project training;
- Manual air conditioning system for each circuit element voltage, resistance, and the refrigerant pressure detection signal project training;
- Manual air conditioning system cooling and heating schematic analysis project training;
- Manual air conditioning system troubleshooting project training;
- Manual air conditioning system practical and theoretical exam project training

■ Technique Feature

- Bracket adopted imported luxury car paint, sprayed at high temperatures, with anti-corrosion function.
- Support frame material select GB high quality square tube (40 * 60 * 3mm) welding.
- Dimensions: 1000 × 1600 × 1800mm

■ DLQC-FZ003 Automobile Manual Air Conditioning System Training Platform

■ Feature

- A real and operable manual air conditioner system is used to illustrate the structure and operation of the system.
- The compressor is driven by a speed motor. A control panel can be operated to demonstrate operation and operating principle of the manual air conditioner cooling system.
- platform are protected by 3 mm-thick organic glass. The diagrams and manual air conditioner system can help trainees learn and analyze the operating principle of the system.
- The training platform is installed with detection terminals to detect electric signals, for example, resistance, voltage, current, and frequency, of circuit components of the air conditioner system.
- The training platform is installed with high and low pressure gauges and thermometers at the inlet and outlet, which display real-time pressure and temperature at the inlet and outlet of the air conditioner system.
- The training platform's base frame is made in steel and paint is sprayed on the surface. Self-retention wheels are installed to ensure that the platform is flexible, reliable and durable.
- Fault setting and appraisal system (see fault setting and appraisal Features).

■ Basic Configuration

- Motors, air conditioning evaporator tank, compressor assembly, air-conditioning control system electrical components, high and low pressure gauges, pipes, air cooler, drier, mobile stand, power supply, supporting manual and training guide book and other components