

Product name:
Electronical Controlled Engine Training Set for Passat

Product code:
CIVIL-ECE-132-0001



Description

Electronical Controlled Engine Training Set for Passat

Technical specification

Ignition switch
Battery
Starter
Generator
Fuel pump assembly
Fuel filter
Air filter
Ignition key with a chip
Intake and exhaust manifolds
Catalytic assembly
Oil tank
Movable bench and mobile casters
General power switch
Relay and fuse box
Instruction manual
User training guide

Features of the Electronical Controlled Engine Training Set for Passat B5 1.8T

1. Demonstrate the engine work, smooth operation, and accurate reflection of an EFI gasoline engine structure and working principle
2. Demonstrate engine oil pressure, vacuum pressure, oil pressure and normal operating pressure
3. Equipped with a digit display meter to display the related sensor working static values and dynamic values.
4. The training sets are equipped with electronic engine control system schematics and detection terminals, as well as a variety of professional instruments to detect the signal parameters of sensors, actuators and other components, including voltage, resistance, and frequency.
5. The diagnostic blocks can be connected to dedicated or general-auto decoders in order to complete reading fault codes of engine electronic control systems, clearing fault codes, reading data streams, matching adjustment, programming, testing, testing terminal components and engine diagnostic functions
6. Fault setting and assessment system (please refer to the detailed function introduction of fault setting and assessment)
7. Rotating positions of training sets are equipped with safety shields to keep safe.
8. Training sets are equipped with gasoline extinguishers and short circuit self-protection devices
9. With locking casters for mobile devices, the engines are easy to move for teaching

Training Content

1. Engine structure and composition training
2. Engine component setup position training
3. Engine sensor voltage, resistance, and signal testing training
4. Engine fuel pressure, vacuum pressure, oil pressure training
5. Engine schematics analysis training
6. Engine control unit fault code reading?fault code elimination, data flow reading, anti-theft matching adjustment, programming, terminal component testing training
7. Engine troubleshooting and confirm training
8. Engine fault setting and exclusion training
9. Engine practical operation and theoretical exam training

Technical Parameters of the Electronical Controlled Engine Training Set

Engine Model: Volkswagen AWL
Engine Location: Front

Engine type: L
Aspiration: Turbocharged
Number of cylinders: 4
Displacement: 1.781L
Emission standard: Euro 2
Fuel type: Above No.90 unleaded gasoline
Compression ratio: 9.3: 1
Maximum torque: 210 / 1750-4600N.m
Maximum speed: 5700rpm

Introduction to the Electronical Controlled Engine Training Set

The training set uses a Passat B5 (1.8T) electronically controlled engine assembly, with complete accessories in order to complete various training content of engine loads. It satisfies the requirements for teaching and training projects on the electronically controlled engine structure, working principle, fault diagnosis, fault setting and exclusion assessment.

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