Description

Technical Specifications and Functions

Training equipment for educational activities. It is a visual tool for explaining and demonstrating the structure and operation of various automotive parts, assemblies, structures, and systems. The equipment is used as a teaching and learning tool for monitoring and analysis of various car systems work processes. It is possible to perform various measurements of the system installed in the training equipment, parameters of ongoing processes, to perform fault simulations, to diagnose. A variety of laboratory tasks can be performed using the training equipment. The equipment is designed and manufactured in order to provide learners with the clearest and most convenient information about the structure of the unit, the composition of the system and the principle of operation.
The training equipment is intended for demonstration, training and learning of the construction, structure, principle of operation, settings and adjustments of the FORD C-MAX vehicle with a plug-in hybrid system (PHEV) version.

- Educational fully operational hybrid vehicle based on FORD C-Max.
- Hybrid system, Plug-in (PHEV) version
- Engine, Hybrid system, ABS, AC, Air BAG's and etc. diagnostics
- Built in measuring box with open contacts and wiring diagram for 2 electronic systems (choose 2 systems PMTP-ENG /Box, PMTP-AC/Box, PMTP-SRS/Box or PMTP-HY/Box)
- Fault code simulations for 2 electronic systems
- Factory charger for household included

Sectioned Parts For Training Purposes:

- Sections of the car bonnet, grill, front and back fenders, passenger doors and side mirror for demonstration.

Control Unit Diagnosis

- Diagnosis through OBD 16 – pin diagnostic connector
- Electronic control unit (ECU) identification
- Reading/erasing fault codes
- Displaying the operating system parameters (live data)
- Actuator test (depends on the control unit)
- Control unit coding/configuration (depends on the control unit)
- Tesca search of ECU's (depends on scan tools possibility)

Optional Accessories

- Built in measuring box with open contacts and wiring diagram for 2 electronic systems (please choose 2 systems: PMTP-ENG /Box, PMTP-AC/Box, PMTP-SRS/Box or PMTP-HY/Box)
- Fault code simulations for 2 electronic systems
- Faults on Hybrid HIGH VOLTAGE side should be ordered additionally (not included)

Note: Specifications are subject to change.

15.07.2024
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Optional Tools and Equipment For Measurement and Services:

- Oscilloscope
- OBD Diagnostic scan tool
- The gas analyzer
- The exhaust extraction system
- Air Conditioning service station

Other

- Dimensions approx.: 4409 x 2085 x 1620 (h) 1700 x 2900 x 1700 mm
- Netto weight approx.: 1620 Kg

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