



ENGINE MANAGEMENT SYSTEM BOSCH MOTRONIC (FSI)

L3

Product number

PMTP04-PLUG



Fully functional hybrid vehicle training model based on the Toyota Prius IV. It is designed for study of hybrid technology, vehicle structure, internal combustion engine components, and safety-related systems. The trainer is particularly suited for vocational and technical education institutions.



Features

- Plug-in hybrid system with direct charging capability.
- Fully working OEM petrol engine with inverter, electric motor, and hybrid components.
- Exposed high-voltage battery with visible structure, service key, and wiring (protected for safety).
- Original OBD 16-pin connector for diagnostics and live data reading.
- Compact design with shortened rear end for classroom use.
- Rear castor wheels for easy mobility.
- Two default measuring and fault simulation systems (excluding high-voltage), selectable from:
 - Engine control
 - Braking
 - Climate control
 - SRS airbag
 - Hybrid system
 - High-voltage hybrid system. (Optional additional simulation systems available.)
- Detailed study of hybrid system layout and functions.
- Hands-on diagnostics and measurements using real tools.
- Understanding of engine, suspension, wiring, and sensors.
- Safe learning environment with exposed components for clear demonstration.
- Real car structure ensures accurate service and maintenance training.