



TOYOTA PRIUS II HYBRID 1/2 EDUCATIONAL TRAINER

L3

Product number
PMTMP01

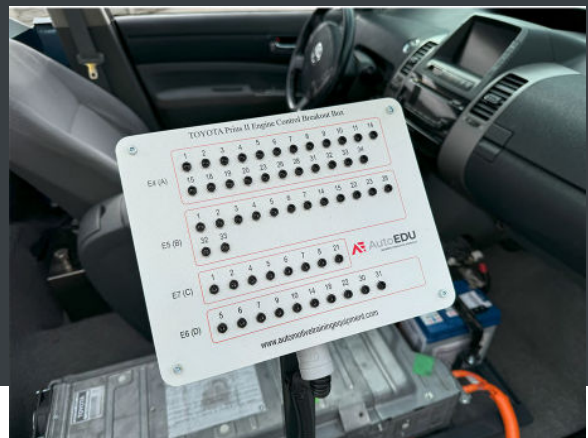


The Toyota Hybrid Educational Trainer PMTP01 provides an advanced, hands-on learning platform for understanding hybrid vehicle technologies. This functional model replicates the essential components and systems of a Toyota Prius II hybrid vehicle, including the petrol(gasoline)/electric control system, automatic gearbox, and various diagnostic features. Engineered for educational settings, it combines a space-saving design with comprehensive diagnostic and measurement capabilities to enhance automotive training.



Features

- Includes Toyota's petrol(gasoline)/electric hybrid control system (THS-II), automatic gearbox, and climate control system.
- Features OBD II 16-pin diagnostic connector for ECU identification, fault code reading/erasing, live data display, and actuator testing.
- Simulates faults in the engine control system, climate control, and SRS airbag system.
- Equipped with built-in measuring boxes for engine control, climate control, and SRS airbag systems, each with wiring diagrams and open contacts for comprehensive analysis.
- Includes a CAN Gateway network for studying data communication within the hybrid vehicle system.





Value for Students

- Experience practical training with a Toyota Prius II hybrid system, including petrol(gasoline)/electric control, automatic transmission, and climate control.
- Gain proficiency in diagnosing and measuring the vehicle's engine, ABS, air conditioning, and SRS airbag systems using real-world diagnostic tools and fault simulation.
- Study the CAN Gateway network to understand data communication between various vehicle components.
- Learn to simulate and troubleshoot faults in the engine control system, climate control, and SRS airbag system, enhancing problem-solving skills.
- Utilize built-in measuring boxes with wiring diagrams to analyze live data and diagnostic parameters for each system.



Value for Instructors

- Offers an all-in-one solution for teaching hybrid vehicle systems and diagnostics in a controlled, practical environment.
- The compact, cabrio version with front wheels and rear rollers ensures easy mobility and optimal use of classroom space.
- Provides students with authentic diagnostic experiences using OBD II 16-pin connectors for ECU identification, fault code management, and parameter monitoring.
- Facilitates effective demonstrations of complex automotive systems with integrated measurement and fault simulation features.
- Constructed with high-quality materials, ensuring long-term use and safety during educational sessions. The enclosed design protects internal components, while the optional EHVS01 Protective Tools Set ensures maximum safety for users.

Specifications

- Dimensions: approx. 1300 x 2900 x 1700 mm (51.18 in x 114.17 in x 66.93 in)
- Weight: approx. 900 kg (1985 lb)
- Product number: PMTP01

