



TOYOTA PRIUS III HYBRID 1/2 EDUCATIONAL TRAINER

L3

Product number
PMTPO3



Advanced learning platform for understanding hybrid vehicle technologies. This functional model replicates the essential components and systems of a Toyota Prius III 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.
- Clearly visible hybrid system battery setup, including all necessary components such as a high-voltage battery, battery system service plug, and high-voltage wiring.
- 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 (optional).
- Includes a CAN Gateway network for studying data communication within the hybrid vehicle system.





Value for Students

- Experience practical training with a Toyota Prius III 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 (optional equipment).



Value for Instructors

- Experience practical training with a Toyota Prius III 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 (optional equipment).



Specifications

- Dimensions: 3100 x 1745 x 1510 mm (122.05 in x 68.70 in x 59.45 in)
- Weight: approx. 960 kg (2116 lb)
- Power supply: 12V battery, high-voltage battery pack (~200V), gasoline A91 or higher
- Safety equipment: protective tools set EHVS01 (optional)
- Product number: PMTP03

