

TOYOTA PRIUS III PETROL/ELECTRIC/LPG HYBRID ¾ EDUCATIONAL TRAINER



L3

Product number
PMTPK05



Fully functional hybrid car training model, mounted on a mobile chassis, integrates all hybrid car systems. Presenting hybrid systems, LPG supply, body, and chassis structures, as well as passive and active safety systems.



Features

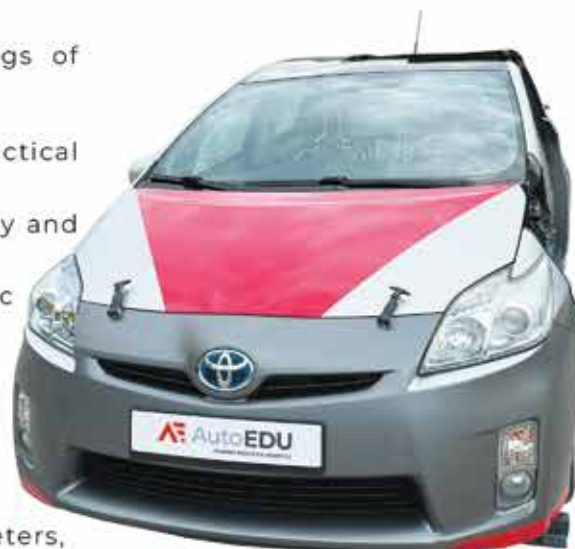
- Based on the Toyota Prius III with a hybrid system and LPG supply system.
- Open sections of roof, fender, door trim, high voltage battery, LPG system for clear visibility and safe learning.
- Integrated LPG system with gas equipment and safety elements with visible pressure gauge, gas filling and supply lines, safety valve.
- Complete climate control system.
- ABS, stability control, and SRS airbag systems with exposed components for training.
- CAN Bus Network. Facilitates understanding of data communication within the vehicle.
- Safe access to high-voltage battery, fuses, inverter, vires with plexiglass covers for safe educational purposes.
- OBD 16-pin diagnostic connector for ECU identification, fault code management, and live data display.





Value for instructors

- Fully functional model to demonstrate the workings of hybrid car systems, LPG supply system, body, chassis structures, passive and active safety systems.
- Uses OEM automotive parts for an authentic and practical learning experience with real electric car.
- Mobile chassis for easy classroom integration, mobility and longevity.
- Diagnostics and troubleshooting using OBD diagnostic tool, oscilloscope, the gas analyzer, the exhaust extraction system or air conditioning service station and more.
- Mobile and space saving in the classroom, allows concurrent use by multiple students, promoting collaborative learning and practical training opportunities.
- Requires small adjustments to reset to default parameters, making it easy to prepare and start each lesson.



Value for students

- Based on the Toyota Prius III with a hybrid system and LPG supply system.
- Open sections of roof, fender, door trim, high voltage battery, LPG system for clear visibility and safe learning.
- Integrated LPG system with gas equipment and safety elements with visible pressure gauge, gas filling and supply lines, safety valve.
- Learn the specifics of OEM hybrid systems, including operation modes and diagnostic procedures.
- High voltage wires running from the battery to the engine compartment are visible through safety glass. Safe and convenient access for maintenance high voltage fuse that disconnects battery. The inverter, with the top cover removed for structural learning and covered with safety glass.
- Measure systems and monitor real parameters using multiple tools like OBD diagnostic scan tool, oscilloscope, the gas analyzer, the exhaust extraction system or air conditioning service station and more.
- ABS, stability control, and airbag systems with exposed and deactivated components for detailed study.



Specifications

- Dimensions: 4460 x 1745 x 1510 mm (175.59x68.70x59.45 in)
- Weight: approx. 1805 kg (3979 lb)
- Power supply: 12V battery, high-voltage battery pack (~200V), gasoline A91 or higher
- Additional safety equipment: protective tools set EHVS01
- Product number: PMTPK05

