



PETROL(GASOLINE) ENGINE TRAINER WITH LPG SYSTEM (MPI+LPG) EURO 4

A8

Product number

MVMPI01-LPG02



Fully functional EURO4 engine, ideal for hands-on automotive education. It includes an OBD 16-pin diagnostic socket for real-time data analysis, open contacts for electrical measurements, and fault simulation through removable jumpers. Mounted on a robust frame with transport wheels, it features a centralized control panel with labeled components and wiring diagrams for efficient monitoring. Safety is ensured with internal wiring and protective panels, making it durable, mobile, and perfect for collaborative learning.



Features

- Real OEM EURO4 engine with an integrated LPG system.
- Includes an OBD 16-pin diagnostic socket for comprehensive engine diagnostics and performance monitoring.
- Open contacts for detailed electrical measurements of system components and circuits.
- Simulation of engine management system faults through the removal of jumpers.
- Centralized control panel with labeled components and a wiring diagram, facilitating easy monitoring and control of the engine.





Value for Students

- Provides practical, real-world training using a fully operational EURO4 petrol(gasoline) engine combined with an LPG system.
- Utilize the OBD 16-pin diagnostic socket to monitor engine parameters, read and delete errors, live data analysis.
- Access open contacts for detailed measurements of system components and circuits, enabling students to understand and analyze electrical diagrams.
- Simulate engine management system faults by removing jumpers, allowing students to observe and diagnose changes in engine operation.
- Perform various laboratory tasks, including monitoring and analyzing car systems' work processes, enhancing technical understanding of internal combustion and LPG engines.
- Use integrated measurement tools to monitor ongoing processes and system parameters, ensuring a thorough comprehension of engine operations.



Value for Instructors

- Provides a visual tool for explaining and demonstrating the structure, operation, and settings of EURO4 petrol(gasoline) engine with LPG system.
- Uses OEM automotive parts for an authentic and practical learning experience. Students get real experience with all parts and functions exact as in real car.
- Enables the execution of various measurements, fault simulations, and diagnostic tasks, ensuring students receive a comprehensive, practical education.
- Benefit from a robust metal frame with transport wheels, ensuring both durability and mobility within the classroom. Allows concurrent use by multiple students, promoting collaborative learning and practical training opportunities.
- Ensure a safe learning environment with a closed structure with internal wiring, reducing the risk of accidental damage. Removable panels that protect against hot and rotating parts, while allowing easy access to the engine for maintenance and instructional purposes.
- The training stand is designed for simplicity, requiring only small adjustments to reset to default parameters, making it easy to prepare and start each lesson quickly and efficiently.



Specifications

- Engine dimensions: 1200 x 1000 x 1500 mm (47.24 in x 39.37 in x 59.06 in)
- Engine weight: 300 kg (660 lb)
- LPG system dimensions: 540 x 530 x 370 mm (21.26 in x 20.87 in x 14.57 in)
- LPG system weight: 30 kg (60 lb)
- Power supply: 12V integrated battery
- Fuel type: Gasoline
- Product number: MVMPI01-LPG02

