



# LPG TRAINING BOARD

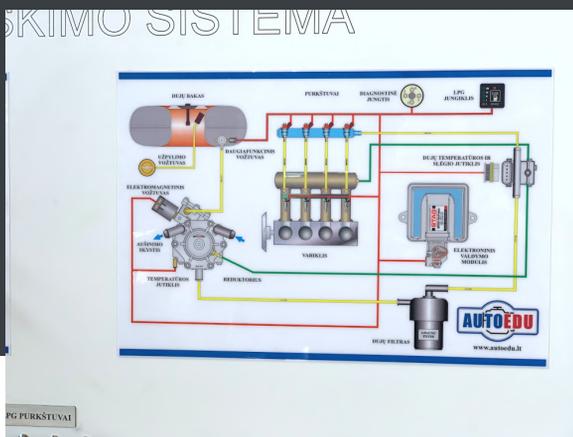
A1 | Product number | MSLPG01

Liquefied petroleum gas (LPG) Training Board demonstrates the structure and operation of automotive LPG systems. This trainer features a robust frame, detailed electrical schematics, a gas supply system, and integrated diagnostic connectors, providing a comprehensive platform for hands-on learning. It is equipped with essential components such as a gas reducer, electronic control module, injectors, and sensors, making it an ideal resource for technical automotive education.



## Features

- Complete LPG system includes a fully operational LPG system with key components such as the gas reducer, injectors, electronic control module, and gas tank.
- Integrated diagnostic connector allows for comprehensive system monitoring and fault code analysis.
- Simulated engine conditions, gearbox temperature simulator and other sensors enable the study of LPG system responses under different engine conditions.
- Equipped with a STOP switch and safety valves to ensure safe operation during training sessions.
- Mobile and flexible design, mounted on a sturdy frame with transport wheels for easy mobility and classroom flexibility.





## Value for Students

- Engage directly with a fully functional LPG system, including gas injectors, reducers, and the electronic control module, providing realistic and practical insights into automotive gas systems.
- Utilize the board to perform detailed measurements and diagnostics, including monitoring LPG system parameters such as pressure, temperature, and fuel type switching.
- Learn advanced diagnostic techniques by simulating faults and analyzing system behavior through the diagnostic connector, honing skills critical for automotive technicians.
- Explore the effects of LPG on engine performance, such as fuel efficiency, emissions reduction, and engine power loss, providing a solid foundation in alternative fuel technologies.
- Study the interplay between key components like the gas reducer, temperature sensors, and the electronic control module to understand their roles in maintaining stable engine operations under varying conditions.



## Value for Instructors

- Clearly demonstrate the construction, operation, and maintenance of LPG systems, enabling students to gain a thorough understanding of this alternative fuel technology.
- Ensure student safety and enhance learning with a trainer that replicates real-world automotive LPG systems using authentic components.
- The mobile stand design, equipped with transport wheels, allows for easy integration into various classroom setups, making it convenient to use in different teaching scenarios.
- Facilitate active participation and collaboration among students by allowing multiple learners to engage with the trainer simultaneously, promoting a hands-on educational experience.
- Adapt the trainer to various instructional needs, from basic understanding to advanced troubleshooting, catering to different learning levels within automotive programs.
- Plug and play design, requiring no additional mountings, assembly, or special preparation for operation.



## Specifications

- Dimensions: 980 x 500 x 1820 mm (38.58 in x 19.69 in x 71.65 in)
- Power source: 12V battery
- Product number: MSLPG01