



ELECTROMECHANICAL STEERING RIG EDUCATIONAL TRAINER

A4

Product number
MSEVS01



Fully functional trainer that replicates an electromechanical power steering system, featuring an electric motor, steering torque sensor, steering column, and power steering control unit. It includes an OBD 16-pin diagnostic connector, a potentiometer for vehicle speed simulation, and integrated sensors such as the G85 steering angle sensor and motor rotor speed sensor. This trainer allows for in-depth analysis, diagnostics, and simulation of real driving conditions, offering students a comprehensive understanding of modern automotive steering systems.



Features

- Complete electric steering system, includes key components such as the steering wheel, steering column, torque sensor (J269), electric motor (V187), and power steering control unit (J500).
- Equipped with a 16-pin diagnostic connector for system diagnostics, fault code management, and live data monitoring.
- Features a potentiometer for adjusting vehicle speed, enabling the study of steering dynamics under various conditions.
- Demonstrates the electromechanical power steering's active centering function and power assist in response to crosswinds and road gradients.
- Incorporates sensors for measuring steering torque, rotation angle, and motor speed, providing detailed data for analysis.

