

Vehicle Diagnostics Training

Graduates of the course will be able to diagnose engine electronics, settings, comfort systems, control devices (driver assistance systems), chassis, climate control systems, safety systems, and hydraulic operating devices in motor vehicles.

Total of 40 academic hours:

Classroom: 16 hours

Practical: 24 hours

Instructors: Mairo Leht and Siim Villemson

Diagnostic Skills:

- engine electronics, power transmission;
- networks, electrical devices, settings, and comfort systems;
- control devices and chassis;
- climate systems (heating, ventilation, and cooling systems in the passenger compartment);
- safety devices;
- hydraulic operating devices in motor vehicles.

Classroom component:	Practical Component:
<ul style="list-style-type: none">● vehicle diagnostics, diagnostic tools, and methods;● on-board diagnostics (OBD) system structure and functioning;● OBD devices;● the need and operation of vehicle computer networks;	<ul style="list-style-type: none">● hands-on vehicle diagnostics;● practical work with various; diagnostic devices● practical network failure detection;● peading and clearing fault codes from memory.

<ul style="list-style-type: none">● information exchange, network speeds, and network communication in vehicle computers;● diagnosing vehicle computer networks, network failures, etc;● use of the Prodiags program.	
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