

HV 57

Heavy Vehicle Diesel Sensors

Course Category: Heavy Vehicles

Level: 3

Duration: 2 Days F2F



Course Overview:

This course provides an important introduction to heavy vehicle diesel technology and contains the foundation knowledge required to attend further Bosch courses on specific heavy vehicle diesel systems. A proven mix of classroom sessions and workshop practical tasks are combined to give a good fundamental understanding of heavy vehicle diesel engines and the exhaust after treatment components.

Course Content:

- Diesel fundamentals
- Low pressure fuel system
- High pressure fuel system
- Induction system components
- Emission control systems
- Typical diesel system sensors and actuators

Prerequisites:

Delegates should ideally be familiar with the use of a diagnostic tester and an oscilloscope (HV56) and a basic understanding of sensors and actuators would be advised but not essential

Attainment:

On successful completion of HV57, delegates will be able to:

- Identify components of typical electronic heavy vehicle diesel control systems and state their function
- Carry out fault diagnosis and test procedures on typical electronic heavy vehicle diesel control systems.
- Perform the necessary tests to effectively diagnose heavy vehicle diesel sensor system faults

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