

Practical training courses, technical foundations and examples of our product lines



Technical training courses by experts

Content:

Wheel bearing

Chassis

Brake

Water pump

Belt drive

Technology evening - engine control

Technology evening - wheel suspension

Competent and very well trained employees are one of the most important prerequisites for any garage and parts dealer.

The rapid development of new vehicles and models as well as the use of state-of-the-art technologies demand a high level of competence from the workers employed by garages and parts dealers.

And this is where our training programmes come into play. They give valuable tips and assembly instructions from everyday workshop routine and are practical, entertaining and easy to follow. They provide information such as how to avoid assembly errors and optimise procedures.

Take advantage of this offer to exchange information and keep up-to-date. And thus continue to impress your customers.

We look forward to seeing you!



Wheel bearings

Topics:

Wheel bearings

- Requirements
- Definition
- Wheel bearing types

Sensors and transmitters

- Passive
- Active

Damage symptoms

Tips and tricks

OPTIMAL

Aims:

- To brush up on existing knowledge
- To learn new things
- To recognise influencing factors in the wheel bearing environment
- To get tips and tricks for your daily work
- To receive suggestions on installation and how to use special tools properly
- To reconstruct causes of damage using typical damage profiles

Duration: About an hour and a half





Technical training Chassis

Topics:

Foundations of axle geometry

Chassis parts

- Requirements
- Structure

Elasto-kinematics

Please note / damage profiles

Vehicle-specific characteristics

Wheel suspension

- Shock absorbers
- Chassis springs

Additional components

- Suspension strut support bearing
- Service kit

Completely pre-assembled suspension struts OPTIMAL

Aims:

- To brush up on existing knowledge
- To learn new things
- To recognise influencing factors in the chassis environment
- To get tips and tricks for your daily work
- To receive suggestions on installation and how to use special Tools properly
- To reconstruct causes of damage using typical damage profiles
- To correctly assess malfunctions occurring with steering and chassis parts

Duration: About 2 hours







Technical training Brake

Topics:

Brake system

Definition

Brake calliper

- Designs
- Special characteristics

Brake disc

- Function
- Designs
- Possible damage

Brake lining

- Function
- Designs
- Possible damage

Routine trap

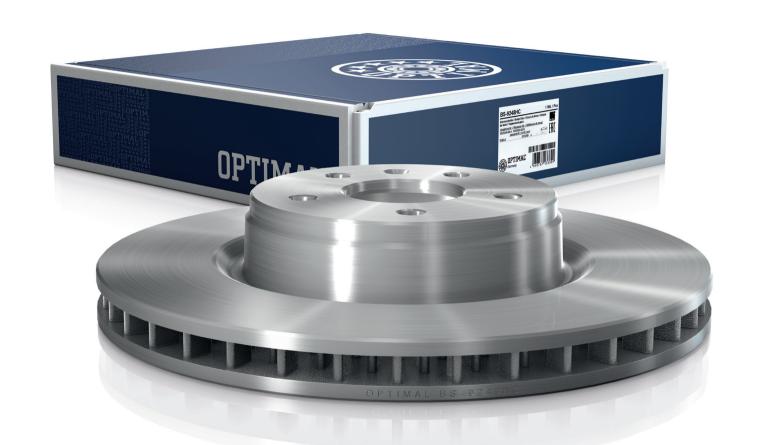
Wear contact / sensors

OPTIMAL

Aims:

- To brush up on existing knowledge
- To learn new things
- To get tips and tricks for your daily work
- To receive suggestions on installation and how to use special tools properly
- To reconstruct causes of damage using typical damage profiles

Duration: About an hour and a half



Water pump

Topics:

Cooling circuit

Water pump

- Structure
- Axial face seal
- Water pump bearing
- Impeller
- Housing

Peripherals

- Viscous coupling
- Cooling fluid
- Torsional vibration damper / decoupled torsional vibration damper
- Overrunning alternator pulley

OPTIMAL

Aims:

- To brush up on existing knowledge
- To learn new things
- To recognise influencing factors in the water pump environment
- To get tips and tricks for your daily work

Duration: About an hour and a half



Technical training Belt drive

Topics:

Belt drive requirements

Tensioner pulley

- Mechanical
- Semiautomatic
- Automatic

Routine trap

Definition - why?

Damage profiles

Auxiliary drive

OPTIMAL

Aims:

- To brush up on existing knowledge
- To learn new things
- To recognise influencing factors in the belt drive environment
- To get tips and tricks for your daily work
- To receive suggestions on installation and how to use special tools properly
- To reconstruct causes of damage using typical damage profiles

Duration: About 2 hours



Motor control

Topics:

Water pump

- Structure
- Axial face seal
- Water pump bearing
- Impeller

Belt drive

Tensioner pulley

- Mechanical
- Semiautomatic
- Automatic

Routine trap

Definition - why?

Damage symptoms

Auxiliary drive

OPTIMAL

Aims:

- To brush up on existing knowledge
- To learn new things
- To recognise influencing factors in the water pump and belt drive environment
- To get tips and tricks for your daily work
- To receive suggestions on installation and how to use special tools properly
- To reconstruct causes of damage based on typical damage symptoms

Duration: About 2 hours 30 mins



Wheel suspension

Topics:

Foundations of axle geometry

Elasto-kinematics

Vehicle-specific characteristics

Wheel suspension

- Shock absorbers
- Chassis springs

Additional wheel suspension components

- Suspension strut support bearing
- Service kit

Wheel bearings

- Different executions
- Sensors and transmitters

Completely pre-assembled suspension struts

OPTIMAL

Aims:

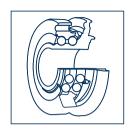
- To brush up on existing knowledge
- To learn new things
- To recognise influencing factors in the chassis environment
- To get tips and tricks for your daily work
- To receive suggestions on installation and how to use special tools properly
- To reconstruct causes of damage based on typical damage symptoms
- To correctly assess malfunctions occurring with steering and chassis parts

Duration: About 2 hours 30 mins



Your Notes



















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