

MAHLE

ENGINE COMPONENTS · ENGINE PERIPHERALS · GASKETS · FILTERS · ELECTRICAL · E-MOBILITY & ELECTRONICS · THERMAL MANAGEMENT · WORKSHOP EQUIPMENT & DIAGNOSTICS



TRAINING *UNCHAINED*

MAHLE Training Courses 2026/2027

Expert knowledge on products and workshop equipment

MAHLE Training Courses

Theory and practical training for workshop heroes and sales professionals

Our training courses help workshop heroes and sales professionals to improve, not only in theory but also in practice.

All training courses in one brochure

In this brochure, we have compiled all the **training courses on our products and our workshop equipment** that we will be offering **on site or as live online training** in 2026. In addition to a whole range of new MAHLE training courses, this year we are also offering **practical training courses in cooperation with Schaeffler REXPERT**, covering topics such as damage diagnostics for engine components, transmission flushing for double clutch systems, and transmission flushing.

On site or online

On-site training takes place in our new **Global Training Center**, at **our sales partners' facilities**, and, upon request, **at your location**. Many of the courses are offered either alternatively or additionally as **live online training**.

From pros for pros

Our training courses are aimed at **automotive and commercial vehicle professionals of all qualification levels**—from first-year trainees to experienced master mechanics, experts, and students in degree programs with a focus on the automotive industry, as well as **sales, wholesale, and service employees**.

Training courses ranging from compact to comprehensive

Our training courses are designed in such a way that participants from different target groups can build up **practical knowledge** in a structured manner. You can find out which training courses are suitable for which target groups and what the requirements are in the detailed description of each training course.

Just book

In the MAHLE **training portal**, you can **book all the training courses** in this brochure **online** and **discover many more learning opportunities**. Alternatively, you can also book through your MAHLE Lifecycle and Mobility trading partner.

Have fun and enjoy the process of getting even better!
Your MAHLE Lifecycle and Mobility training team



MAHLE training system

Training options, content, and target groups

MAHLE training system	
Compact training courses	<ul style="list-style-type: none"> ▪ Provide a condensed overview of a topic ▪ Provide either information on the design, functions, and common causes of failure of vehicle systems and components, or focus on the advantages, highlights, and sales opportunities associated with products ▪ Are often offered as on-site or live online training ▪ Are equally suitable for workshop and sales employees ▪ Certify completion of the qualification with a certificate of participation in hands-on training
Hands-on training courses	<ul style="list-style-type: none"> ▪ Provide extensive knowledge on products and their application ▪ Demonstrate the most important functions of products in theory and practice ▪ Are offered as on-site courses or as a combination of on-site and live online training ▪ Are equally suitable for workshop and sales employees ▪ Certify completion of the qualification with a certificate of participation
Intensive training courses	<ul style="list-style-type: none"> ▪ Provide in-depth practical knowledge on products and their application ▪ Are focused on practical application (participation only possible in work clothing and safety shoes) ▪ Provide in-depth information on the functions and applications of products ▪ Demonstrate how to use additional tools and services, and provide basic information on troubleshooting, maintenance, and cleaning ▪ Are aimed at workshop employees ▪ Certify completion of the qualification with a certificate of participation
Certification training courses	<ul style="list-style-type: none"> ▪ Provide comprehensive theoretical and practical knowledge ▪ Qualify automotive professionals for special tasks with special skills ▪ Are special courses based on recognized standards ▪ Provide targeted and practical training in preparation for the final exam (participation only possible in work clothing and safety shoes) ▪ Are aimed at experienced workshop employees ▪ Include a certificate of competence to confirm successful qualification (after passing the exam)


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General Terms and Conditions

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Do you have any questions about training or individual training courses?

We are happy to help:
trainings.portal@mahle.com

MAHLE Global Training Center

Practical professional training in a workshop environment

MAHLE's Global Training Center is a professional training facility that simulates real-world conditions.

New challenges

Due to the growing number of assistance systems and vehicles with alternative drive systems, the range of tasks that workshops need to perform keeps expanding. As a strong partner to workshops, trading partners, and fleet operators, MAHLE offers comprehensive solutions consisting of products, services, and practical training courses.



New training opportunities

The MAHLE Global Training Center in Stuttgart-Bad Cannstatt/Germany offers five fully equipped workshop areas and space for practical training for up to 15 people in an area covering more than 1,500 square meters. Simply perfect for gaining a knowledge advantage through professional training courses in real working conditions.



The MAHLE Training Portal

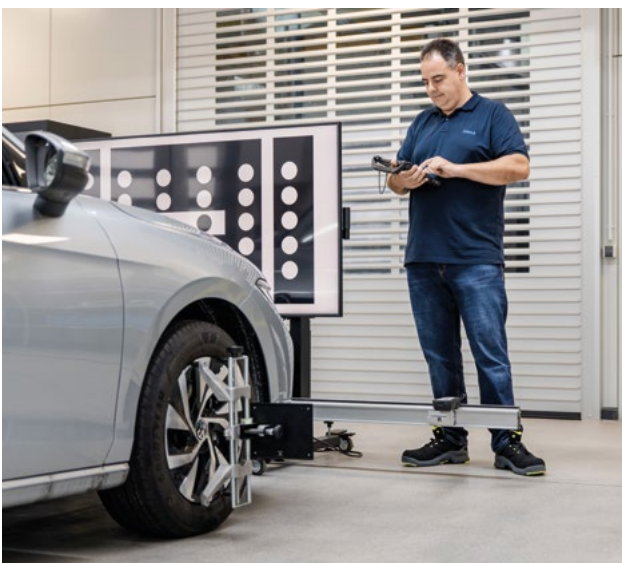
Book training courses online and benefit from free e-learning modules

In the MAHLE training portal, you can book training courses easily and benefit from free online e-learning modules that will help you expand your expertise at a time that suits you.



On-site training

- At MAHLE training centers or at your company
- Compact training courses for workshops and sales
- Intensive training courses with a strong practical focus
- Certification training courses on high-voltage systems or air conditioning
- Sales training
- Hands-on training courses for workshop equipment

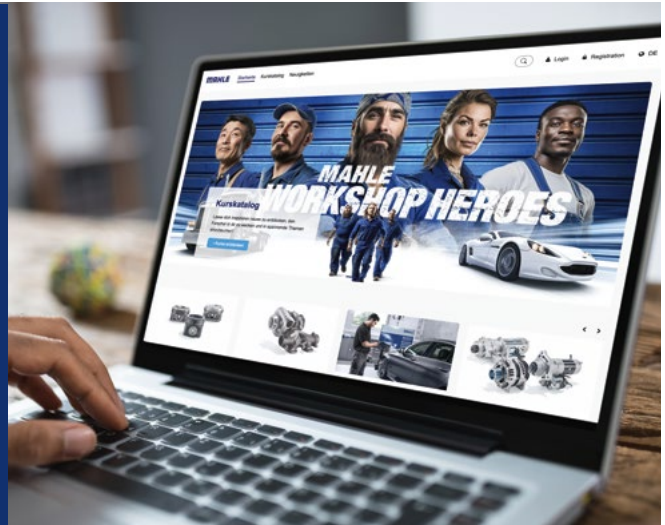


Live online training courses

- Free online training—all you need is internet access
- Any number of participants possible
- Weekly, one-hour compact training courses and monthly live formats with MAHLE experts



Link to the training portal
<https://training.mahle.com/>



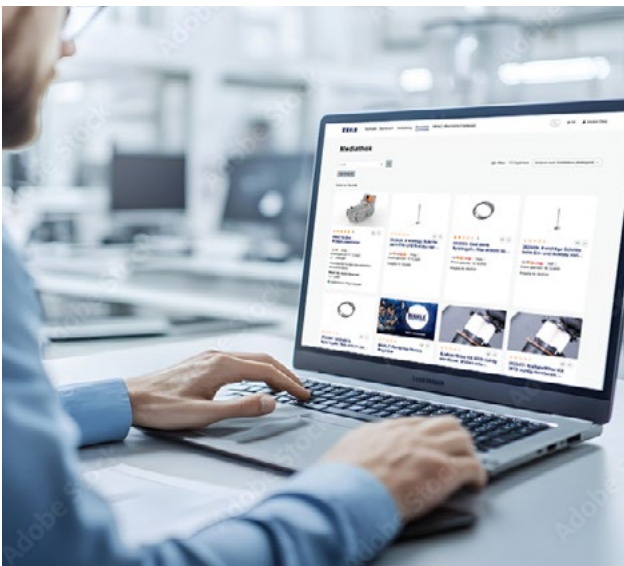
E-learning modules

- Browser-based—accessible anytime and anywhere via PC, tablet, or smartphone
- Free, condensed, (15–20 min.) interactive e-learning modules
- An easy way to expand or refresh your knowledge



Media library

- Includes many technical documents in PDF and video format
- Features integrated keyword search
- Includes the Technical Messenger, fast facts, technical brochures, videos, and much more



MAHLE Services

Information and services for professionals

MAHLE Insider

Our monthly newsletter for automotive professionals covers technology and workshop topics, complete with new products, the latest Technical Messenger, and much more.



Straight to the
MAHLE Insider

MAHLE TechTool

Get thermal management know-how for passenger cars and commercial vehicles online, as well as detailed insights into technical processes and support for troubleshooting.



Straight to the
MAHLE TechTool

MAHLE Technical Messenger

From automotive pros for automotive pros: information, tips, and tricks for the maintenance and repair of MAHLE Lifecycle and Mobility products. The latest can always be found in the MAHLE Insider newsletter!



Straight to the MAHLE
Technical Messenger

MAHLE filling quantity tool

With our online tool, you can find the right filling quantities for refrigerant oils and air conditioning compressor oil for the most common vehicle types.



Straight to the MAHLE
filling quantity tool

MAHLE Aftermarket Catalog

Get the best parts faster: You can find information about top-quality spare parts in TecDoc format online in the MAHLE eCat.



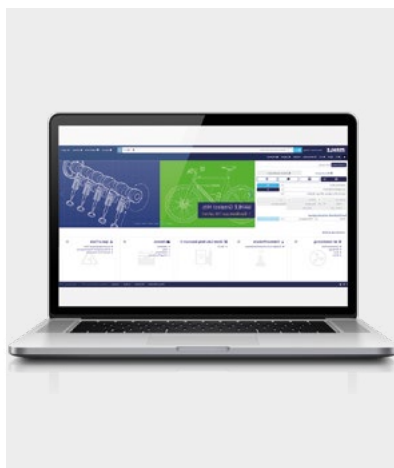
Straight to the MAHLE
Aftermarket Catalog

Damage brochures

Our damage brochures and posters explain in detail how to analyze, repair, and avoid common damage scenarios.



Straight to the
media center



MAHLE YouTube channel

For everything from restoring a classic car to the future of mobility: you can find videos on all topics occupying the minds of automotive professionals on our YouTube channel.



Straight to the MAHLE
YouTube channel



MAHLE Technical Hotline

Get answers to all your vehicle spare parts and workshop equipment questions

Call **+49 1806 115599*** and our MAHLE pros with workshop experience will answer all your questions about vehicle spare parts and now also about workshop equipment—simply, directly, and expertly.

For answers around the clock, e-mail product.support@mahle.com

MAHLE Technical Hotline

Phone: +49 1806 115599*

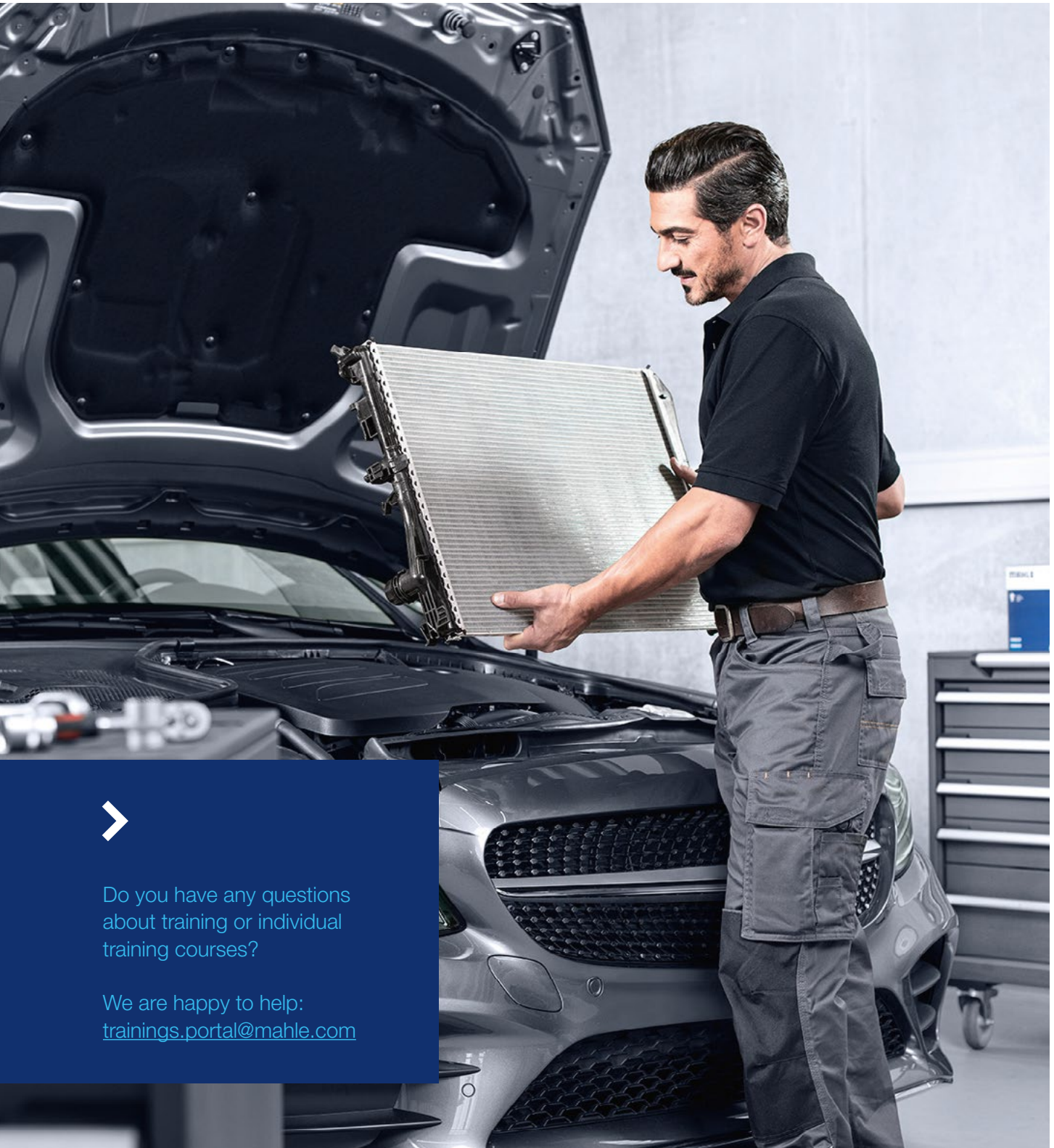
E-mail: product.support@mahle.com

Monday to Friday, 08:00–12:30 and 13:00–17:00

* From Germany: EUR 0.20 per call from a landline, max EUR 0.60 per call from a cell phone (charges from other countries may vary)



Training Courses on Thermal Management



Do you have any questions
about training or individual
training courses?

We are happy to help:
trainings.portal@mahle.com

Air conditioning in the vehicle

Design, functions, and common causes of failure

Objectives

- Understanding the design and function of a vehicle's air conditioning system
- Executing professional maintenance and repair work
- Identifying and preventing damage to components of the refrigerant circuit

Contents

- Design and function of an air conditioning system
- Air conditioning requirements in current and future vehicles
- Function of the individual components of an air conditioning system
- Types of refrigerant and their differences
- Compressor oils and their differences
- Common causes of failure and damage in a refrigerant compressor
- Important steps during repair and assembly of the individual components
- Proper maintenance of the A/C system
- Avoidance of consequential damage
- Support in the event of damage

Participation info

Course name: T-AC

Format: On-site training
or
Live online training

Duration: 2 hours /
1 hour (online)

Participants: Maximum 30 /
Unlimited (online)

Fee per person: Euro 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Modern cooling circuits in the vehicle

Design, functions, and common causes of failure

Objectives

- Understanding the design and function of the coolant circuit and its components
- Executing professional maintenance and repair work
- Analyzing the causes of damage and explaining how to avoid consequential damage

Contents

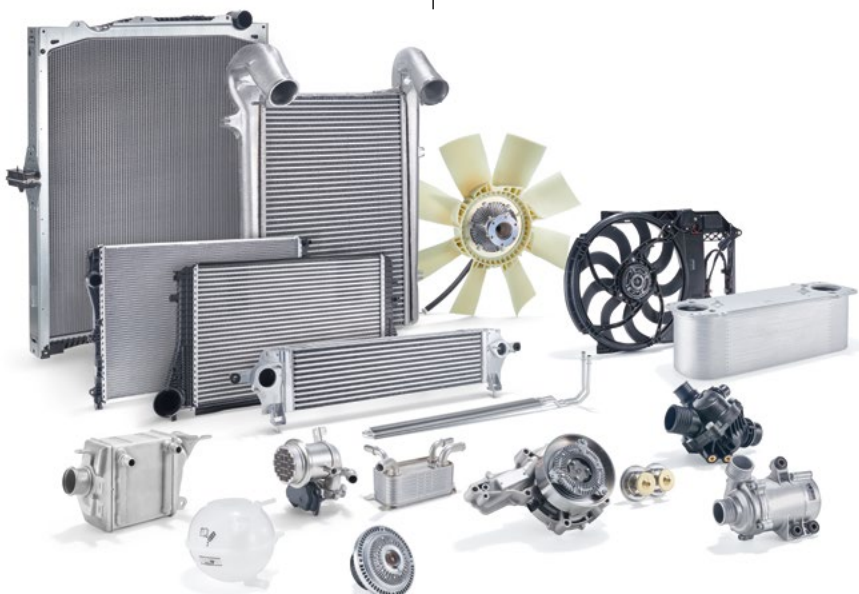
- Coolant circuit
- Design and function of:
 - Radiators
 - Charge air coolers
 - Oil coolers
 - Exhaust gas coolers
 - Thermostats
 - Water pumps and kits
 - Switches and sensors
- Correct assembly and maintenance
- Cooling electronic components
- Typical cooling circuit damage scenarios
- Support in the event of damage

Participation info

- Course name:** T-TH
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery—from trainees to experienced master mechanics and experts
- Employees working in sales or service



Damage prevention: engine cooling and air conditioning

Real practice cases, servicing and installation instructions

Objectives

- Identifying the most common damage scenarios
- Systematically analyzing defective parts and diagnosing reasons for failure
- Knowing the most important steps for professional maintenance, service, and installation

Contents

- Practical assessment of damage to engine cooling and air conditioning components such as:
 - Air conditioning compressors
 - Air conditioning condensers
 - Thermostats
 - Radiators
 - Coolant pumps
 - Fans and blowers
 - Electronic components
 - Chillers, indirect condensers, and electric air conditioning compressors
- Recognizing common damage scenarios and their causes
- Diagnosing different causes of failure
- Failure prevention during maintenance, service, and installation

Teilnahme-Infos

- Course name:** P-TH
Format: On-site training
Duration: 7 hours
Participants: Max. 15
Fee per person: EUR 159.90 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery – from trainees to experienced master mechanics and experts

- Lots of practical training.**
 Participants must wear work clothes and safety shoes.



Expertise in vehicle air conditioning systems (Initial training and refresher)

Certification in accordance with the German Chemicals Climate Protection Ordinance (Chem-KlimaschutzV) in conjunction with regulations (EU) No. 2025/1893 and (EC) No. 573/2024

Objectives

- Understanding the design and function of a vehicle's air conditioning system
- Understanding the range of application, characteristics, and impact of fluorinated greenhouse gases (F-gases) on the environment
- Acquiring basic knowledge of Regulation (EU) No. 517/2014 and Directive 2006/40/EC
- Learning how to work independently on the air conditioning service station and the recovery unit as well as how to handle the refrigerant container

Note:

Successful completion of this course is a requirement for participating in the MAHLE Compressor Guarantee Plus training course.
For more information, see p. 18.

Contents

- Operating principles of A/C systems in motor vehicles
- Use and properties of fluorinated greenhouse gases
- Impact of emissions of F-gases on the environment
- Basic knowledge of relevant provisions of Regulations (EU) No. 517/2014 and 2006/40/EC
- Knowledge of the common processes for recovery of fluorinated greenhouse gases
- Handling a refrigerant container
- Working with the A/C service unit
- Operating a recovery unit

Teilnahme-Infos

- Course name:** C-SK
Format: On-site training
Duration: 7 hours
Participants: Max. 7
Fee per person: EUR 229.00 plus VAT
Valid for: 7 years after the training date

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts

* The German Chemicals Climate Protection Ordinance



After passing the qualification examination, held in accordance with Regulations (EC) No. 2024/573 and (EU) No. 2025/1893, you will be certified for repair and maintenance work on air conditioning systems in motor vehicles that fall within the scope of EC Directive 2006/40/EC, namely passenger cars, vans with a gross vehicle weight of up to 3.5 tonnes, and campers.



ACX 380

POE
UV

R134a

MAHLE

ArcticPRO®

MAHLE Compressor Guarantee Plus



MAHLE Compressor Guarantee Plus certification (only for Germany and Austria)

Objectives

- Understanding the design and function of a vehicle's air conditioning system
- Identifying the most common types of damage to air conditioning components
- Learning how to use the A/C service unit and diagnostic tools safely
- Learning how to properly flush the air conditioning system independently
- Learning how to handle claims under the Compressor Guarantee Plus program



Please note:

- After successfully completing this training course you are automatically certified for the MAHLE Compressor Guarantee Plus.

Contents

- The air conditioning system and associated components
- Typical component damage
- Correct flushing of the air conditioning system
- Correct replacement of the air conditioning compressor
- Correct use of A/C service units and diagnostic tools
- Conversations with customers and sales aids
- Handling a warranty claim covered by Compressor Guarantee Plus

Participation info

- Course name:** C-CG
Format: On-site training
Duration: 7 hours
Participants: Max. 12
Fee per person: EUR 229.00 plus VAT

Prerequisites

Participants must have passed the exam held in accordance with Regulations (EU) 2025/1893 and (EG) Nr. 573/2024

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts



Find out more and benefit now!

You can find out more about the benefits of the MAHLE Compressor Guarantee Plus, the next available training dates, and a whole lot more at www.mahle-aftermarket.com/garantieplus



What the MAHLE Compressor Guarantee Plus offers you

Expert knowledge, greater customer satisfaction, and acceptance of all complaints

The unique combination of **expert knowledge and guarantee services** makes the MAHLE Compressor Guarantee Plus program **a must for automotive professionals**. Workshops that send at least one person to participate in our one-day certification training course benefit from the services of the MAHLE Compressor Guarantee Plus program **for up to four years**, including **guaranteed acceptance of all air conditioning compressor complaints** within the scope of the guarantee.

More knowledge

In our training course, we will provide you with real expert knowledge, give you important practical tips, and show you step by step how to replace an air conditioning compressor professionally.

More efficient work

Our training course will help you avoid potential causes of failure and the resulting frustration and unnecessary costs and time spent on repairs—thus boosting customer satisfaction.

Faster service

Complaints from workshops in the MAHLE Compressor Guarantee Plus program are guaranteed to be accepted by us. This means that you can complain about a defective air conditioning compressor quickly and with minimal paperwork, and you will receive a credit note for the air conditioning compressor, related parts, and the working hours spent as quickly as possible.

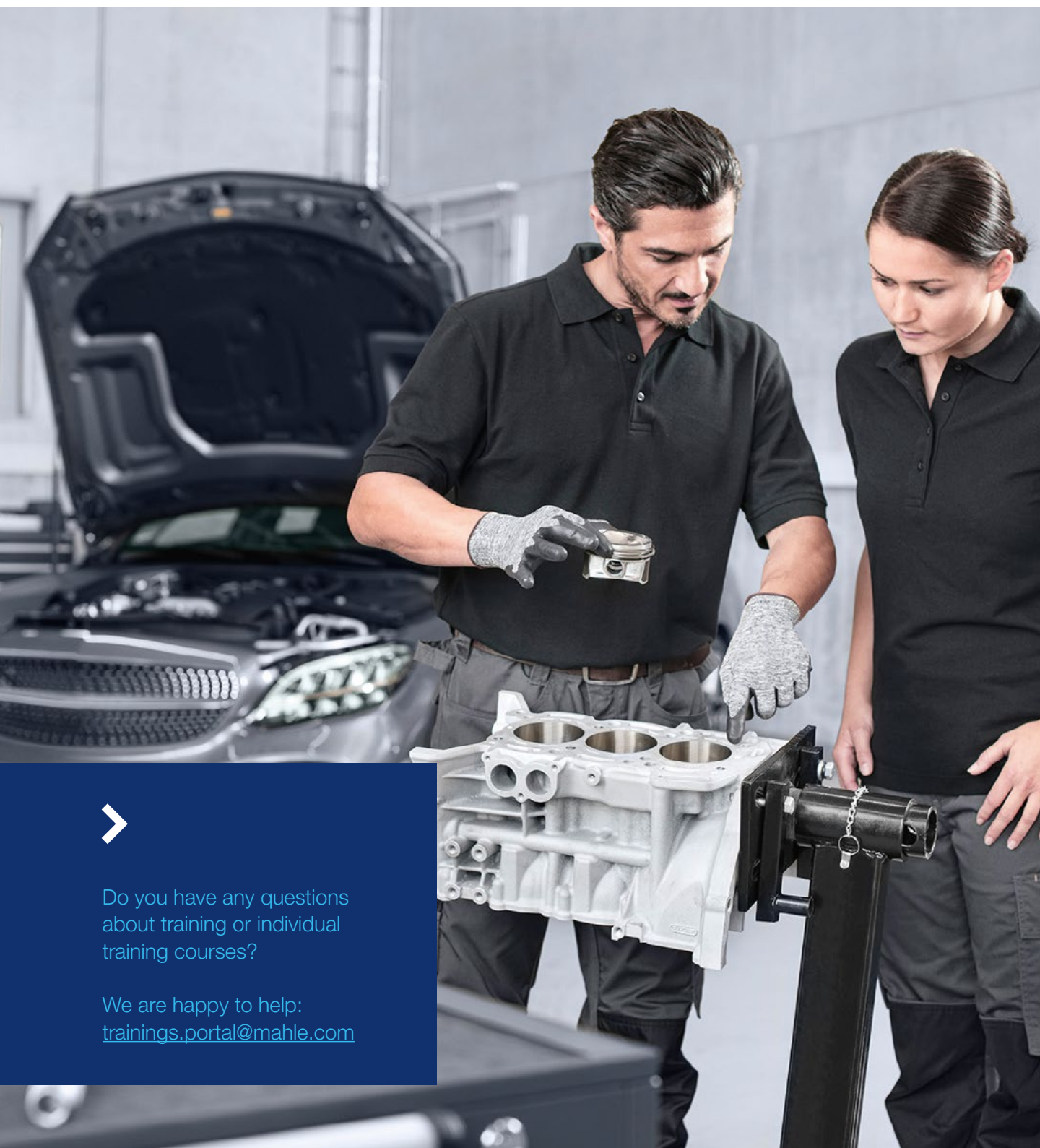


The major plus for your workshop:

- No rejected warranty claims
- Guaranteed credit note
- Long-lasting qualifications



Training Courses on Engine Components and Peripherals



Do you have any questions about training or individual training courses?

We are happy to help:
trainings.portal@mahle.com

Engine components: design and functions

Design, function, and common causes of failure

Objectives

- Understanding the design of an internal combustion engine and the function of its parts
- Learning about the most important repair work when installing engine parts and how to avoid consequential damage
- Identifying the most common causes of failure of engine parts and learning how to carry out failure diagnostics based on damage characteristics
- Learning about services and support in the event of damage

Contents

- MAHLE engine components in the combustion engine
- Design and function of:
 - Pistons
 - Valves
 - Bearings
 - Cylinder liners
- Correct installation
- Failure diagnostics
- Common causes of failure and damage
- Support in the event of damage

Participation info

- Course name:** T-EC
Format: On-site training
or
 Live online training
Duration: 2 Hours /
 1 hour (online)
Participants: Max. 30 /
 Unlimited (online)
Fee per person: EUR 39.90 plus VAT /
 Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Turbochargers in detail

Design, function, and common causes of failure

Objectives

- Understanding the design and function of a turbocharger
- Identifying the most important steps involved in installing and repairing turbochargers
- Identifying what must be checked in the event of turbocharger damage and how to avoid consequential damage
- Identifying the most common causes of turbocharger failure and learning how to carry out failure diagnostics based on damage characteristics
- Learning about services and support in the event of damage

Contents

- Turbocharger design
- Detailed principles of operation
- Different types and models
- Code of conduct and important service work on turbocharged engines
- Common causes of failure in the turbocharger environment
- Possible causes of poor performance, noises, and other complaints
- Diagnosing damage in the engine periphery
- Consequential damage following turbocharger failure
- Support in the event of damage

Participation info

- Course name:** T-TC
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Starter motors and alternators in detail

Design, function, and common causes of failure

Objectives

- Understanding the design and function of starter motors and alternators
- Identifying the most important steps involved in assembly and repair
- Identifying the most common causes of starter motor and alternator failure
- Learning how to carry out failure diagnostics based on damage characteristics and how to avoid consequential damage
- Learning about services and support in the event of damage

Contents

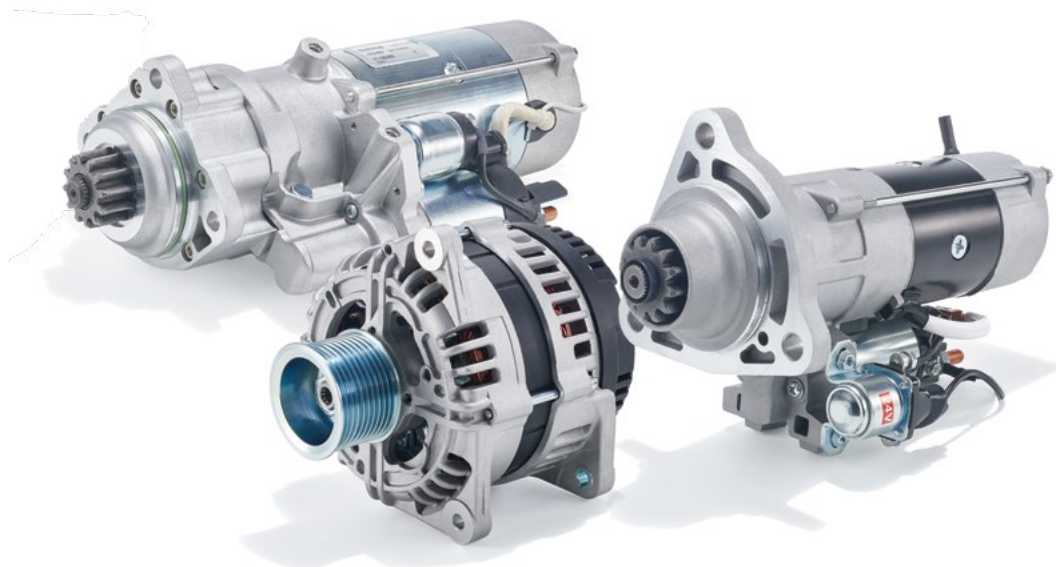
- Design and function of:
 - Starter motors
 - Alternators
- Distinguishing and identifying characteristics
- Important steps during assembly
- Common causes of failure and damage
- Failure prevention during repair
- Support in the event of damage

Participation info

- Course name:** T-SA
Format: On-site training
or
 Live online training
Duration: 2 hours /
 1 hour (online)
Participants: Max. 30 /
 Unlimited (online)
Fee per person: EUR 39.90 plus VAT /
 Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Filtration in the vehicle

Design, function, and common causes of failure

Objectives

- Understanding the requirements for modern filtration in vehicles
- Understanding the structure of different filter types and the differences in quality
- Identifying typical filter damage scenarios and what must be checked in the engine area in the event of damage
- Learning about services and support in the event of damage

Contents

- Requirements for modern filtration in vehicles
- Design and function of:
 - Oil filters
 - Fuel filters
 - Cabin filters
 - Air filters
- Automotive air conditioning
- Quality and distinguishing characteristics
- Typical filter damage scenarios
- Consequential damage in the engine periphery
- Support in the event of damage

Participation info

- Course name:** T-FI
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Lubrication and fuel supply in the powertrain

Design, functions, and common causes of failure

Objectives

- Understanding the design and functions of the lubrication and fuel systems
- Discovering the advantages of a CleanLine filter
- Understanding the differences between dynamic and static transmission oil changes
- Identifying the most important steps involved in dynamic oil changes
- Identifying the most common causes of failure in lubrication and fuel systems
- Learning how to carry out failure diagnostics based on damage characteristics and how to avoid consequential damage
- Learning about services and support in the event of damage

Contents

- Design and function
- Oil filter and module
- Fuel filters
- CleanLine filters
- Water separators
- Transmission oil filters
- Quality and distinguishing features
- Correct assembly and maintenance
- Difference between static and dynamic transmission oil changes
- Fields of application for CleanLine filters
- Typical damage scenarios
- Common causes of failure and damage
- Support in the event of damage

Participation info

- Course name:** T-SK
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Air supply and exhaust gas aftertreatment in combustion engines

Design, function, and common causes of failure

Objectives

- Understanding the design and functions of air supply and exhaust gas aftertreatment systems
- Identifying the most common causes of failure
- Learning how to carry out failure diagnostics based on damage characteristics
- Learning about services and support in the event of damage

Contents

- Design and function of air and AdBlue filters
- Function of the swirl/tumble flap control
- Design of the intake modules
- Function of the exhaust gas recirculation
- Difference between low- and high-pressure EGR
- Benefits of AdBlue exhaust gas aftertreatment
- Common causes of failure and damage
- Support in the event of damage

Participation info

- Course name:** T-LA
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts
- Employees working in sales or service

NEW!



Exhaust gas aftertreatment and pneumatics in commercial vehicles

Design, functions, and common causes of failure

Objectives

- Understanding the design and functions of exhaust gas aftertreatment and pneumatic systems
- Identifying the most common causes of failure in both systems
- Learning how to carry out failure diagnostics based on damage characteristics
- Learning about services and support in the event of damage



Contents

- Design and function of AdBlue filters and air drier cartridges
- Function of the exhaust gas recirculation
- Difference between low- and high-pressure EGR
- Benefits of AdBlue exhaust gas aftertreatment
- Overview of functions of compressed-air system in trucks
- Pressure buildup and regeneration of the pneumatic system
- Common causes of failure and damage
- Support in the event of damage

Participation info

- Course name:** T-AP
Format: On-site training
or
 Live online training
Duration: 2 hours /
 1 hour (online)
Participants: Max. 30 /
 Unlimited (online)
Fee per person: EUR 39.90 plus VAT /
 Free of charge (online)

Target group

- Mechatronics engineers for commercial vehicles, and agricultural and construction machinery—from trainees to experienced master mechanics and experts
- Employees working in sales or service



Damage prevention: engine components

Real practice cases, servicing and installation instructions

Objectives

- Identifying the most common damage scenarios
- Systematically analyzing damaged parts and diagnosing reasons for failure
- Understanding how to avoid damage during installation, repair, and service

Contents

- Practical assessment of damage to combustion engine components such as:
 - Pistons and cylinders
 - Bearings
 - Valves
 - Filters
 - Thermostats and thermal switches
 - Turbochargers
 - Other components in the engine environment
- Common causes of failure and damage
- Diagnostic options and measures
- Failure prevention during maintenance, service, and installation

Participation info

- Course name:** P-DP
Format: On-site training
Duration: 7 hours
Participants: Max. 15
Fee per person: EUR 159.90 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts

Lots of practical training.
Participants must wear work clothes and safety shoes.



Damage prevention: turbochargers

Real practice cases, servicing and installation instructions

Objectives

- Identifying the most common damage scenarios
- Systematically analyzing damaged parts and diagnosing reasons for failure
- Understanding how to avoid damage during installation, repair, and service

Contents

- Practical assessment of damage to:
 - Exhaust gas turbochargers
 - Charge air coolers
 - Control and regulation
 - Other components in the turbo-charger environment
- Checking the complete system prior to repair
- Common causes of failure and damage
- Diagnostic options and measures
- Failure prevention during maintenance, service, and installation

Participation info

- Course name:** P-TC
Format: On-site training
Duration: 7 hours
Participants: Max.15
Fee per person: EUR 159.90 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts

- ▮ Lots of practical training.**
 ▮ Participants must wear work clothes and safety shoes.



Damage prevention: starter motors and alternators

Real practice cases, servicing and installation instructions

Objectives

- Identifying the most common damage scenarios
- Systematically analyzing damaged parts and diagnosing reasons for failure
- Understanding how to avoid damage during installation, repair, and service

Contents

- Practical assessment of damage to mechatronic components:
 - Starter motors
 - Alternators
- Common causes of failure and damage
- Diagnostic options and measures
- Failure prevention during maintenance, service, and installation

□ Lots of practical training.
Participants must wear work clothes and safety shoes.

Participation info

Course name: P-SA
Format: On-site training
Duration: 7 hours
Participants: Max. 15
Fee per person: EUR 159.90 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts



Professional transmission oil change

Transmission oil service on automatic and DSG transmissions in theory and practice

Objectives

- Understanding the differences between dynamic and static transmission oil changes
- Identifying the most important steps involved in dynamic oil changes
- Knowing how to perform a dynamic oil change on a vehicle
- Learning how to carry out failure diagnostics based on damage characteristics and how to avoid consequential damage
- Learning about services and support in the event of damage

Contents

- Basic design of an automatic and DSG transmission
- Differences between dynamic and static transmission oil changes
- Consolidating knowledge and performing a dynamic oil change on a vehicle
- Correct assembly and maintenance
- Typical damage scenarios
- Common causes of failure and damage
- Support in the event of damage

Participation info

- Course name:** P-FP
Format: On-site training
Duration: 4 hours
Participants: Max. 12
Fee per person: EUR 79.90 plus VAT

Target group

- Mechatronics engineers for passenger cars —from trainees to experienced master mechanics and experts



- Lots of practical training.**
- Participants must wear work clothes and safety shoes.





Timing chain, valves, and pistons

From error code to mechanics: damage diagnostics for engine components in theory and practice

Objectives

- Understanding the design and functions of the timing chain, valves, and pistons, as well as how they interact
- Identifying the most common causes of failure in the engine environment
- Learning how to carry out failure diagnostics based on damage characteristics
- Learning about services and support in the event of damage

Contents

- Design and function of the engine and timing chain
- Replacing the timing chain
- Valve installation
- Practical and damage diagnostics for engine components
- Typical damage scenarios
- Common causes of failure and damage
- Support in the event of damage

Participation info

- Course name:** P-MS1
Format: On-site training
Duration: 7 hours
Participants: Max. 12
Fee per person: EUR 189.00 plus VAT

Target group

- Mechatronics engineers for passenger cars —from trainees to experienced master mechanics and experts



- Lots of practical training.**
 Participants must wear work clothes and safety shoes.

MAHLE Lifecycle & Mobility and Schaeffler REPERT:

As an original equipment manufacturer and supplier in the independent spare parts business, we collectively cover the entire spectrum in terms of systems expertise for engines. We pass on this knowledge to automotive professionals in collaborative practical training courses.



Transmission flushing for dual-clutch systems

Maintenance and repair instead of replacement

Objectives

- Understanding the design and functions of dual-clutch systems and transmissions
- Learning how to maintain and replace transmissions and dual clutches
- Learning how to carry out failure diagnostics based on damage characteristics
- Learning about services and support in the event of damage



Contents

- Design and function of dual-clutch systems and transmissions
- Transmission flushing
- Gearbox maintenance
- Replacement of the dry dual clutch (Volkswagen DQ200) and the wet dual clutch (Volkswagen DQ381/500)
- Diagnostics of typical damage scenarios
- Common causes of failure and damage
- Support in the event of damage

Lots of practical training.
Participants must wear work clothes and safety shoes.

Participation info

Course name: P-MS2
Format: On-site training
Duration: 7 Hours
Participants: Max. 12
Fee per person: EUR 189.00 plus VAT

Target group

- Mechatronics engineers for passenger cars —from trainees to experienced master mechanics and experts

MAHLE Lifecycle & Mobility and Schaeffler REPERT:

As an original equipment manufacturer and supplier in the independent spare parts business, we collectively cover the entire spectrum in terms of systems expertise for engines. We pass on this knowledge to automotive professionals in collaborative practical training courses.



Training Courses on Hybrids and High-Voltage



Do you have any questions about training or individual training courses?

We are happy to help:
trainings.portal@mahle.com

Engine cooling and air conditioning in hybrid and electric vehicles

Design and functions of thermal management systems

Objectives

- Understanding the design and function of thermal management systems in different drive types
- Becoming familiar with the components and functions of the cooling system, air conditioning, and heat pump in hybrid and electric vehicles
- Understanding what is required of employees and workshop equipment in order to do good maintenance work

Contents

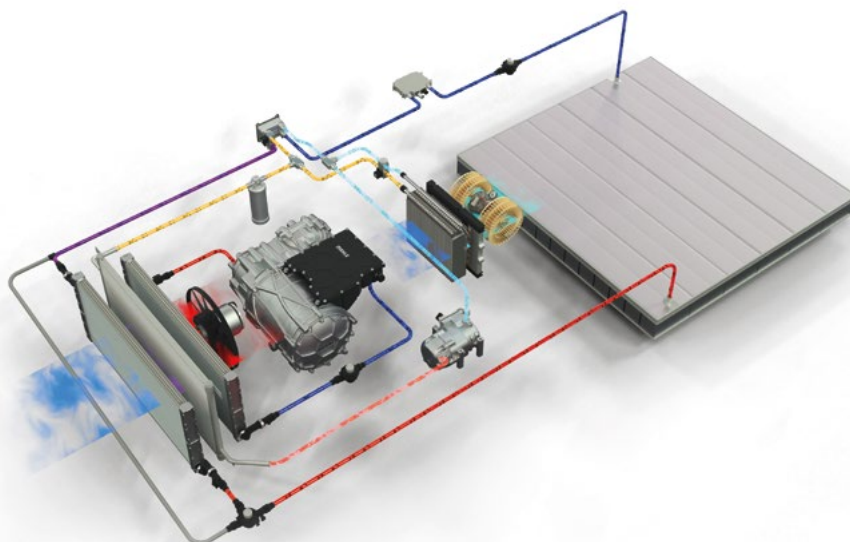
- Thermal management in hybrid and electric vehicles
- Comparison of drive types
- Cooling circuit: components and functions
- Air conditioning: components and functions
- Heat pump: purpose and function
- Requirements for maintenance, personnel, and workshop equipment

Participation info

- Course name:** T-TA
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Workshop of the future

Challenges and opportunities for the workshop of tomorrow

Objectives

- Identifying and understanding future challenges and opportunities for workshops
- Understanding the requirements for employees and workshop equipment
- Learning about innovations and digitalization options
- Understanding the requirements for maintenance and repair work on the latest driver assistance systems

Contents

- The workshop over time
- Changes in the automotive sector
- Future requirements for personnel and equipment
- Important changes and new developments in the market
- Digitalization of processes and procedures
- Driver assistance systems: maintenance and repair

Participation info

- Course name:** T-WF
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person:** EUR 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Modern and alternative drives

Structure, functions, potential, and challenges

Objectives

- Identifying and understanding future challenges and opportunities for workshops
- Discovering the development potential of combustion engines
- Getting an overview of electric drives as well as other alternative drive concepts and fuels
- Understanding the function of new engine cooling and air conditioning concepts

Contents

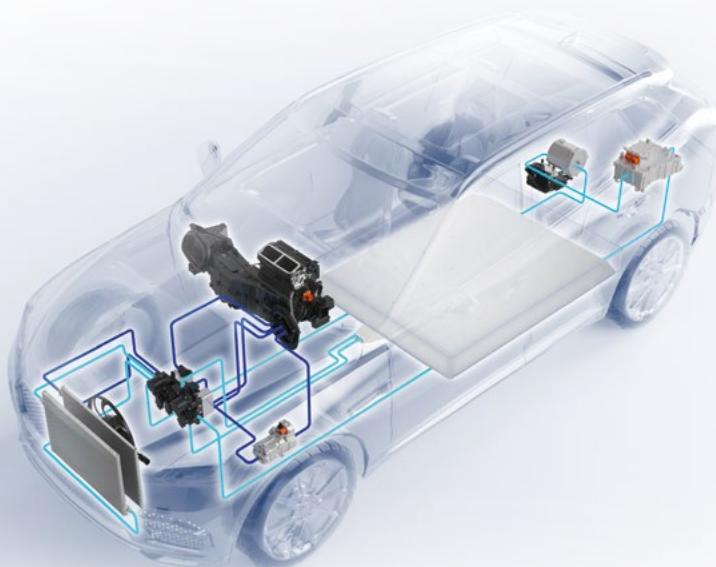
- Automotive trends and challenges
- Ongoing development of the combustion engine
- Alternative fuels
- Alternative drives
- Electrification of the powertrain
- Engine cooling and air conditioning

Participation info

- Course name:** T-NT
- Format:** On-site training
or
Live online training
- Duration:** 2 hours /
1 hour (online)
- Participants:** Max. 30 /
Unlimited (online)
- Fee per person** 39.90 plus VAT /
Free of charge (online)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Employees working in sales or service



Expert for work on HV systems — level 2S

Certification in accordance with DGUV I 209-093, level 2S
(only for Germany)

Objectives

- Safely meeting the requirements for high-voltage experts
- Understanding the HV system and its components
- Learning how to switch off current to the HV system and work on the de-energized system

Contents

- Basic knowledge of electronics
- Electrical hazards and first aid measures
- Protective measures against electric shocks and arcs
- Proper health and safety procedures when working on the HV system and the responsibilities of professionals
- Design and functions of electrical systems and practical procedures for working on them
- HV systems and the latest automotive engineering
- Practical vehicle training with introduction to the HV system and test equipment to switch off the current
- Ideal preparation for the high-voltage experts exam (expert for work on HV systems)



Lots of practical training.

Participants must wear work clothes and safety shoes.

Participation info

- Course name:** C-H2
Format: On-site training
Duration: 2 days
Participants: Max. 12
Fee per person: EUR 450.00 plus VAT

Prerequisites

Students must have one of the following qualifications to qualify for this training course:

- Automotive mechatronics engineer
- Automotive electrician
- Automotive mechanic (qualification after 1973)
- Car body and vehicle construction mechanic
- Car body maintenance mechanic (qualification after 2002)

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts



After obtaining certification in accordance with DGUV I 209-093, level 2S, you will be approved to switch off current to the HV system and to work on the de-energized system.



Expert for work on HV systems — level 3S

Certification in accordance with DGUV I 209-093, level 3S (only for Germany)

Objectives

- Acquiring expertise on risk assessments and work on live HV components
- Identifying the dangers associated with battery assembly and recycling
- Learning how to inspect, replace, and repair high-voltage batteries and components



Contents

- Basics and regulations
- Types, design, specific characteristics, and potential hazards of HV energy storage systems
- Safe working procedures for live HV components
- Practical work on live HV components
- Ideal exam preparation in theory and practice

Lots of practical training.

Participants must wear work clothes and safety shoes.

Participation info

- Course name:** C-H3
Format: On-site training
Duration: 3 days
Participants: Max 12
Fee per person: EUR 690.00 plus VAT

Prerequisites

- High-voltage system experts, level 2S
- Current first aid course (not older than two years)
- Minimum age: 18 years
- Recommended: G25 examination to confirm medical suitability

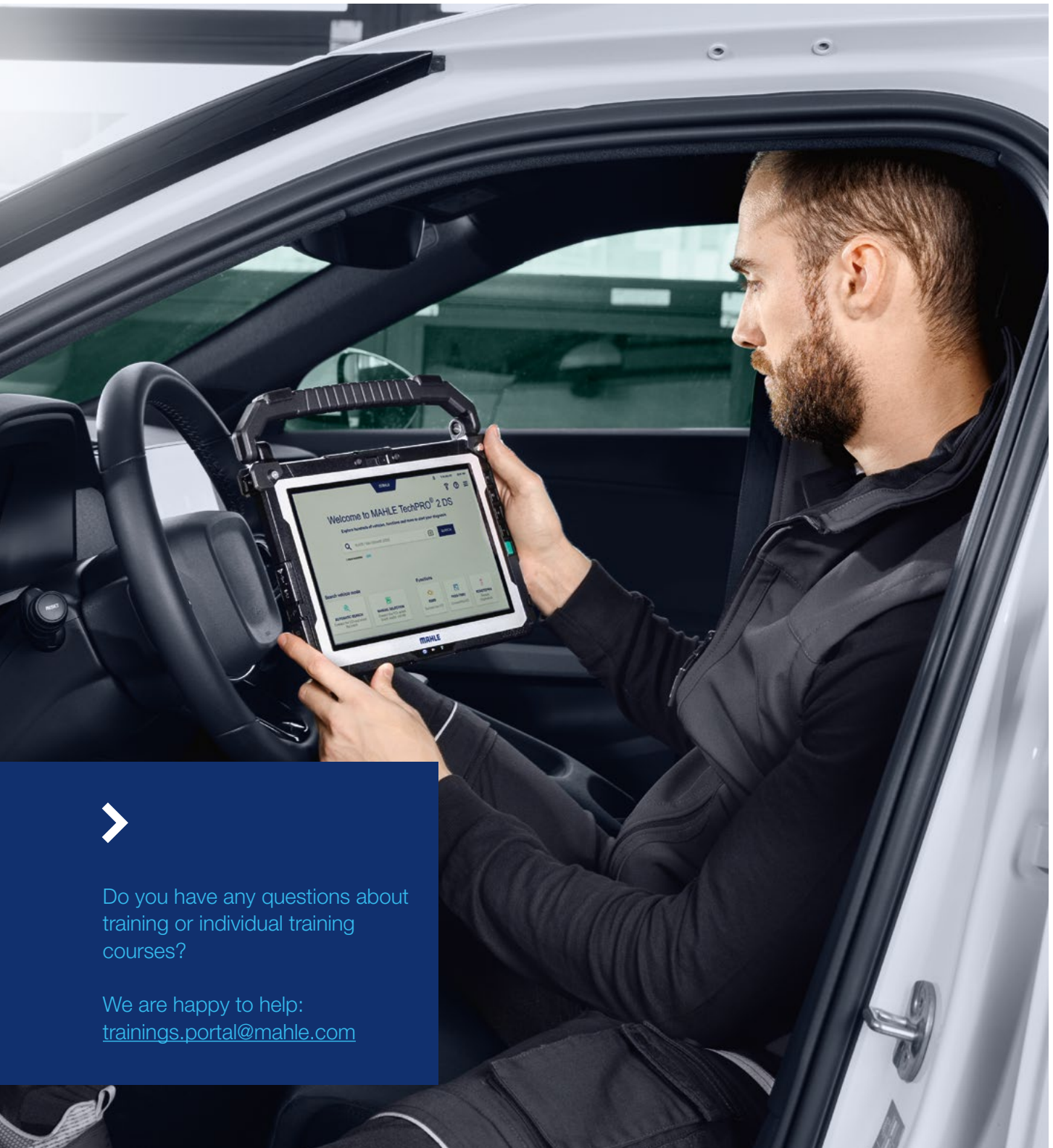
Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts



After obtaining certification in accordance with DGUV I 209-093, level 3S, you will be able to assess risks associated with the HV system and will therefore be entitled to carry out tests and repairs on live HV components, including the high-voltage battery.

Training Courses on Vehicle Diagnostics



Do you have any questions about training or individual training courses?

We are happy to help:
trainings.portal@mahle.com

TechPRO® sales training

Product benefits, highlights, and sales strategies

Objectives

- Providing an overview of driver assistance systems and common calibration procedures
- Providing information on currently available automated diagnostic tools and relevant future trends
- Developing a good understanding of the product, its core features, and successful sales strategies

Contents

- Overview of vehicle diagnostics technologies
- TechPRO® in detail—understanding licensing models
- Using GoLive
- Market overview and benchmarks
- Highlights and unique selling points
- Sales opportunities

Participation info

- Course name:** TPL1
- Format:** On-site training
or
Live online training
- Duration:** 2 hours
- Participants:** Max. 10 /
Unlimited (online)
- Fee per person:** Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees



TechPRO® hands-on training

Vehicle diagnostics with TechPRO® in theory and practice

Objectives

- Understanding the unit and its main functions and applying them in practice
- Explaining the most important steps and procedures for diagnosing and coding control units and performing vehicle diagnostics

Contents

- The most important diagnostic steps
- Reading ECU parameters
- Activation of ECU functions
- Regulation of ECU functions
- Security gateways
- Integrating the RMI database
- Introduction to MAHLE MCS Pass

Participation info

- Course name:** TPL2
Format: On-site training
Duration: 4 hours
Participants: Min. 4 – max. 10
Fee per person: 89.99 plus VAT

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts
- Commercial employees and other sales, wholesale, and service employees



TechPRO® technical training

Commissioning, configuration, troubleshooting, and repairs

Objectives

- Explaining how to set up and configure the unit and do troubleshooting
- Teaching the procedure for repair support

Contents

- Configuring TechPRO®
- Activating the licenses
- Troubleshooting
- Principles of repairs
- Using GoLive



Lots of practical training.

Participants must wear work clothes and safety shoes.

Participation info

Course name: TPL3

Format: On-site training

Duration: 6 hours

Participants: Min. 4 – max. 10

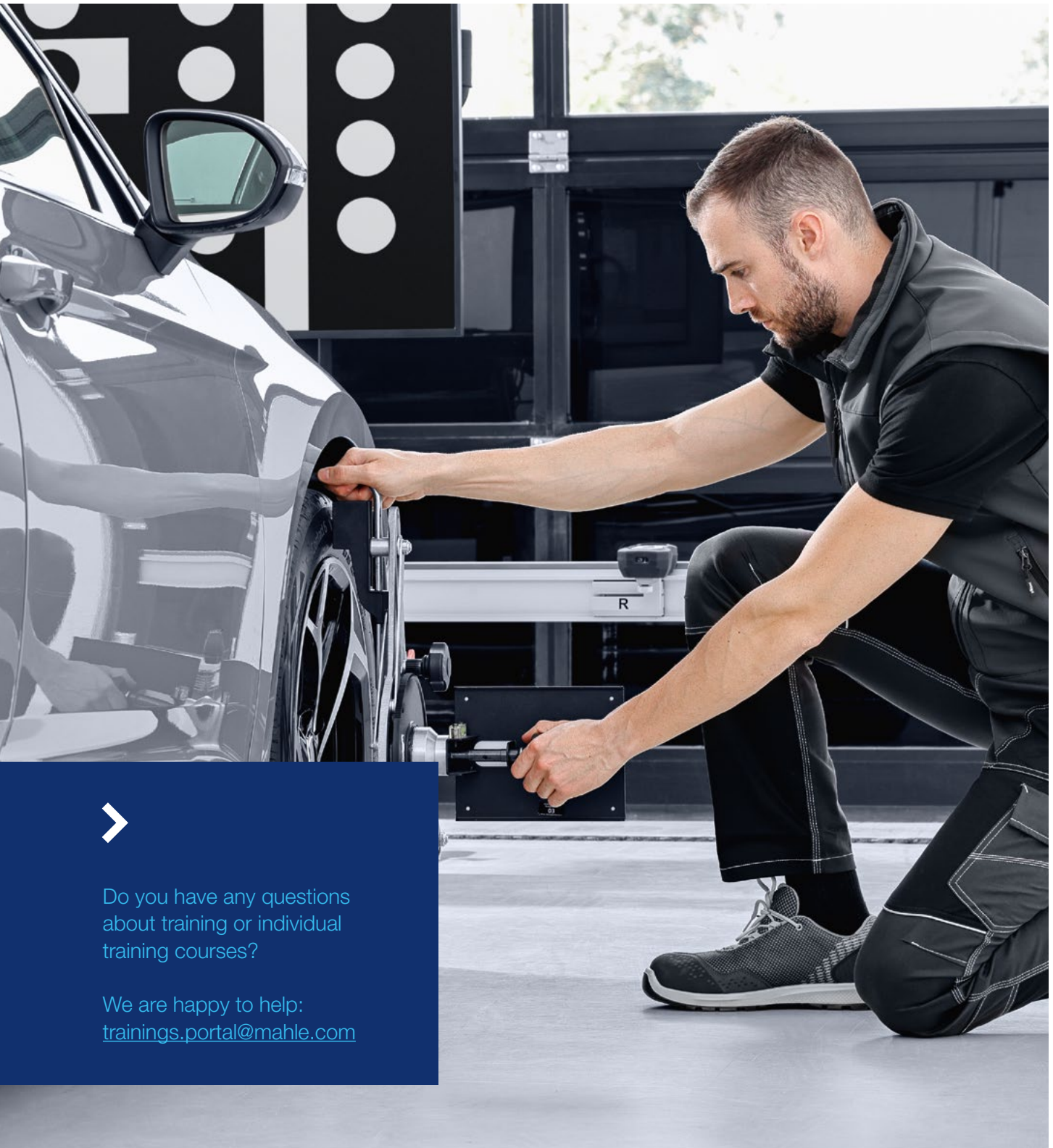
Fee per person: 250.00 plus VAT

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts



Training Courses on Vehicle Calibration



Do you have any questions
about training or individual
training courses?

We are happy to help:
trainings.portal@mahle.com



TechPRO® Digital ADAS sales training

Product benefits, highlights, and sales strategies

Objectives

- Providing an overview of driver assistance systems and common calibration procedures
- Providing information on currently available automated diagnostic tools and relevant future trends
- Developing a good understanding of the product, its core features, and successful sales strategies

Contents

- Overview of driver assistance systems
- Introduction to calibration procedures
- TechPRO® Digital ADAS in detail
- Market overview and benchmarks
- Highlights and unique selling points
- Sales opportunities

Participation info

- Course name:** DAL1
Format: On-site training
Duration: 2 hours
Participants: Max. 10
Fee per person: Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees





TechPRO® Digital ADAS hands-on training

Calibration of driver assistance systems
with TechPRO® Digital ADAS in theory and practice

Objectives

- Understanding the unit and its main functions and applying them in practice
- Explaining the most important steps and procedures for diagnosing and coding control units and performing vehicle diagnostics

Contents

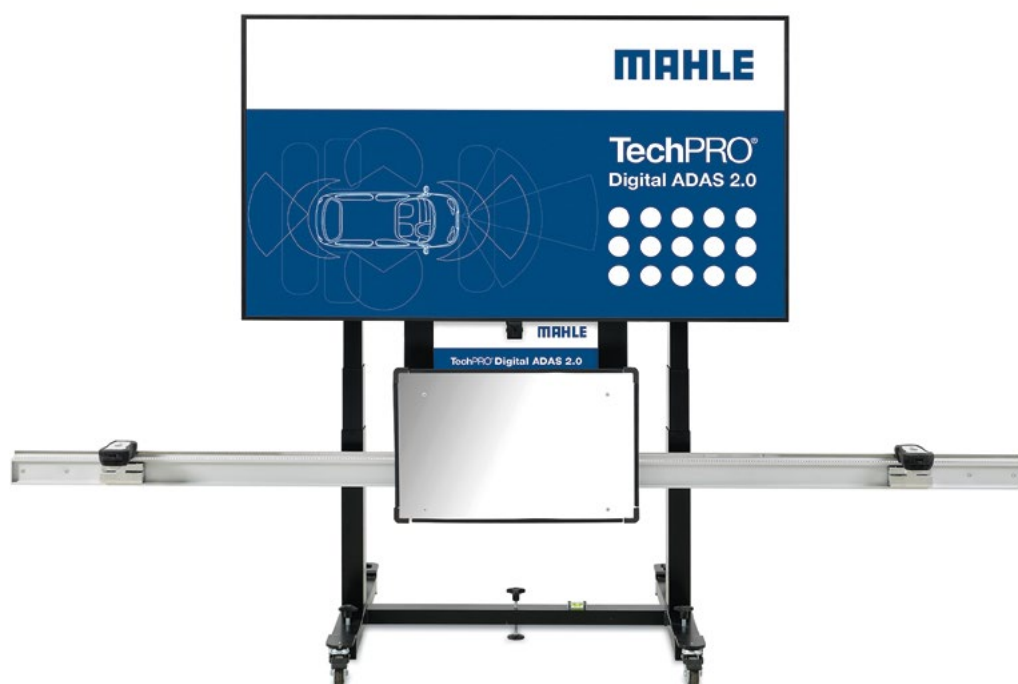
- Market overview of driver assistance systems
- Principles of vehicle diagnostics and system calibration
- Calibrating the static front camera
- Calibrating the static front radar
- Radar calibration for vehicles from Asian manufacturers

Participation info

- Course name:** DAL2
Format: On-site training
Duration: 4 hours
Participants: Min. 4 – max. 8
Fee per person 89.99 plus VAT

Target group

- Mechatronics engineers for passenger cars and commercial vehicles—from trainees to experienced master mechanics and experts
- Commercial employees and other sales, wholesale, and service employees





TechPRO[®] digital ADAS technical training


Commissioning, configuration, troubleshooting, and repairs

Objectives

- Explaining how to set up and configure the unit and do troubleshooting
- Explaining how to set up TechPRO[®] Digital ADAS for use in the workshop
- Learning how to troubleshoot and do repairs when necessary

Contents

- Installation and setup of TechPRO[®] Digital ADAS
- Configuration of the unit
- Pairing the diagnostic tool
- Testing and troubleshooting

 **Lots of practical training.**
Participants must wear work clothes and safety shoes.

Participation info

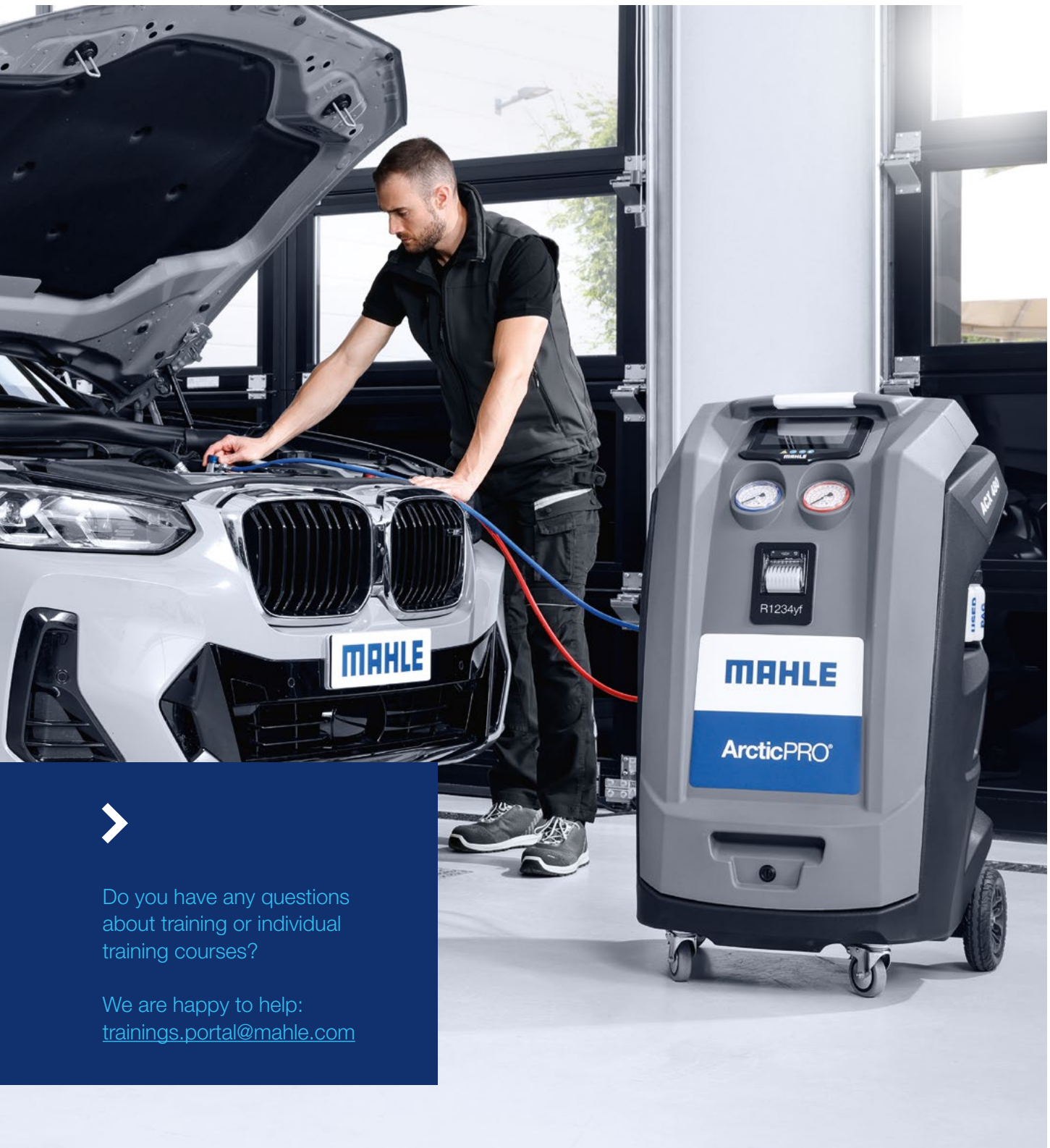
Course name: DAL3
Format: On-site training
Duration: 6 hours
Participants: Min. 4 – max. 8
Fee per person 250.00 plus VAT

Target group

- Mechatronics engineers for passenger cars and commercial vehicles—from trainees to experienced master mechanics and experts



Training Courses on Air Conditioning Servicing



Do you have any questions
about training or individual
training courses?

We are happy to help:
trainings.portal@mahle.com

ArcticPRO® ACX sales training

Product benefits, highlights, and sales strategies

Objectives

- Providing information on currently available automated air conditioning service units
- Gaining insight into methods and technologies used to perform air conditioning services
- Developing a good understanding of the product, its key features and developing successful sales strategies

Contents

- Overview of A/C service units
- ArcticPRO® product line in detail
- Understanding licensing models
- Using GoLive
- Market overview and benchmarks
- Highlights and unique selling points
- Sales opportunities

Participation info

- Course name:** APL1
Format: On-site training
or
 Live online training
Duration: 3 hours
Participants: Max. 10 /
 Unlimited (online)
Fee per person: Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees



ArcticPRO® ACX hands-on training

Air conditioning services with ArcticPRO® ACX
in theory and practice

Objectives

- Providing comprehensive, practical expertise in the field of air conditioning servicing
- Understanding all the steps involved in full servicing of automotive A/C systems
- Learning how to do an A/C service with units from the ArcticPRO® product line

Contents

- Performing automated standard A/C services
- Understanding manual service options
- Flushing the system
- Using external kits

Participation info

- Course name:** APL2
Format: On-site training
Duration: 4 hours
Participants: Min. 4 – max. 8
Fee per person 89.99 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Commercial employees and other sales, wholesale, and service employees



ArcticPRO® ACX technical training

Commissioning, configuration, troubleshooting, maintenance, and repairs

Objectives

- Explaining how to set up and configure the unit and do troubleshooting
- Learning how to troubleshoot and do certain repairs

Contents

- Configuring ArcticPRO®
- Activating the licenses
- Activating and updating the database
- Troubleshooting
- Principles of repairs
- Service Work and Intervals



Lots of practical training.

Participants must wear work clothes and safety shoes.

Participation info

- Course name:** APL3
Format: On-site training
Duration: 7 hours
Participants: Min. 4 – max. 8
Fee per person 250.00 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts



Training Courses on Transmission Oil Servicing



Do you have any questions
about training or individual
training courses?

We are happy to help:
trainings.portal@mahle.com



FluidPRO® ATX sales training

Product benefits, highlights, and sales strategies

Objectives

- Gaining insight into methods and technologies for changing transmission oil and flushing automatic transmissions
- Learning about the latest transmission flushing units and market trends
- Developing a good understanding of the product, its core features, and successful sales strategies

Contents

- Overview of devices used for transmission oil changes
- FluidPRO® product range in detail
- Understanding licensing models
- Using GoLive
- Database and connection options
- Market overview and benchmarks
- Highlights and unique selling points
- Sales opportunities

Participation info

- Course name:** FPL1
Format: On-site training
or
 Live online training
Duration: 3 hours
Participants: Max. 10 /
 Unlimited (online)
Fee per person Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees



FluidPRO® ATX hands-on training

Transmission oil change with FluidPRO® in theory and practice

Objectives

- Acquiring theoretical and practical knowledge on transmission oil changes using the FluidPRO® flushing system
- Learning how to configure the product, activate the licenses, and perform some troubleshooting

Contents

- Performing standard automated oil services
- Understanding manual service options
- Connecting the flushing unit to the gearbox
- Configuring FluidPRO® units
- Troubleshooting
- Database and connection options

Participation info

- Course name:** FPL2
Format: On-site training
Duration: 4 hours
Participants: Min. 4 – max. 10
Fee per person: EUR 89.99 plus VAT

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts
- Commercial employees and other sales, wholesale, and service employees



FluidPRO® ATX technical training

Commissioning, configuration, troubleshooting, maintenance, and repairs

Objectives

- Learning how to change transmission oil using the FluidPRO® flushing system
- Understanding how each valve works, explaining the hydraulic schematic, and calibrating the scales
- Acquiring comprehensive and practical know-how required to repair and maintain a transmission oil change unit

Contents

- Explanation of the valves
- Explanation of the hydraulic schematic
- Calibrating the scales
- Vehicle connection options
- Adapter selection
- Troubleshooting and component testing

□ Lots of practical training.
Participants must wear work clothes and safety shoes.

Participation info

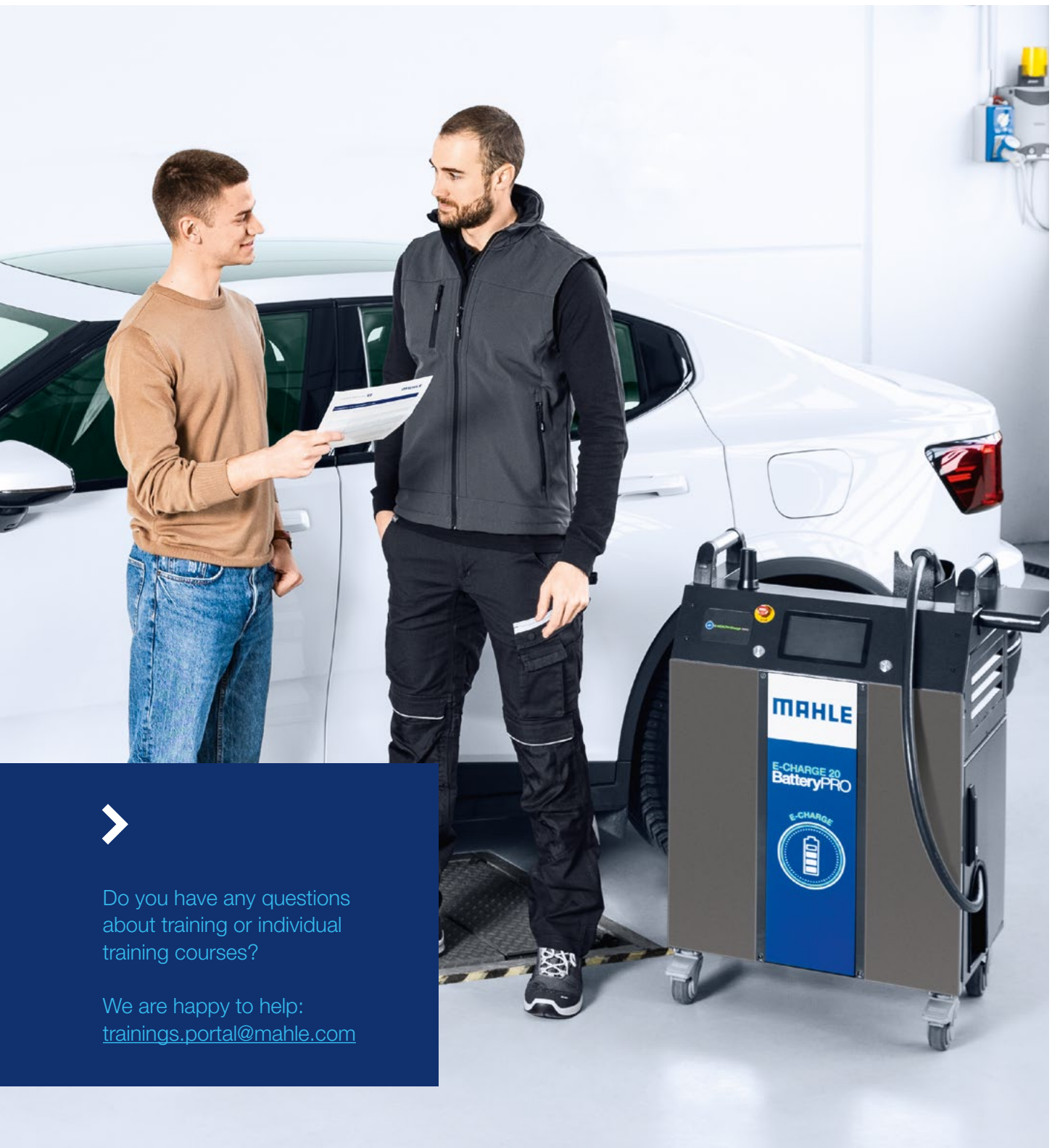
Course name: FPL3
Format: On-site training
Duration: 6 hours
Participants: Min. 4 – max. 8
Fee per person: EUR 250.00 plus VAT

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts



Training Courses on Battery Diagnostics



Do you have any questions
about training or individual
training courses?

We are happy to help:
trainings.portal@mahle.com

BatteryPRO[®] E-HEALTH Charge sales training

Product benefits, highlights, and sales strategies

Objectives

- Learning about currently available battery diagnostic options and market trends
- Providing an overview of battery diagnostics and how it benefits workshops, dealerships, and end customers
- Developing a good understanding of the product, its unique selling points, and successful sales strategies

Contents

- Overview of battery diagnostics
- TechPRO[®] 2 and E-HEALTH Charge in detail
- Understanding licensing models
- Using GoLive
- Market overview and benchmarks
- Highlights and unique selling points
- Sales opportunities

Participation info

- Course name:** FPL1
Format: On-site training
Duration: 1 hour
Participants: Max. 10
Fee per person: Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees





BatteryPRO® E-CARE Fluid sales training

Product benefits, highlights, and sales strategies

Objectives

- Providing an overview of the benefits of coolant replacement for workshops, dealerships, and end customers
- Understanding E-CARE Fluid and its unique selling points and advantages
- Learning about sales opportunities and sales strategies

Contents

- Why coolant needs to be replaced
- Overview of equipment used for coolant replacement
- Introduction to E-CARE Fluid (coolant replacement, cooling system cleaning, adapter case)
- Understanding licensing models and using GoLive
- Highlights and unique selling points
- Benchmarks and sales opportunities

Participation info

- Course name:** FPL1
Format: On-site training
Duration: 1 hour
Participants: Max. 10
Fee per person: Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees



BatteryPRO® E-CARE Fluid hands-on training

Coolant replacement with E-CARE Fluid in theory and practice

Objectives

- Acquiring theoretical and practical knowledge on coolant replacement with E-CARE Fluid in automatic and manual mode
- Learning how to configure the product, activate the licenses, and perform some troubleshooting

Contents

- Performing automated coolant services
- Understanding manual service options
- Cleaning the cooling system
- Maintenance of the unit (cleaning)
- Adapter cases and universal adapters



Lots of practical training.

Participants must wear work clothes and safety shoes.

Participation info

Course name: FPL2

Format: On-site training

Duration: 4 hours

Participants: Min. 4 to max. 10

Fee per person: EUR 89.99 plus VAT

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts
- Commercial employees and other sales, wholesale, and service employees



BatteryPRO® E-CARE Fluid technical training

Commissioning, configuration, troubleshooting, maintenance, and repairs

Objectives

- Learning how to set up and configure E-CARE Fluid
- Learning how to replace coolant using E-CARE Fluid in automatic and manual mode
- Providing information on how to do troubleshooting and repair work

Contents

- Configuring E-CARE Fluid
- Activating the licenses
- Activating and updating the database
- Debug mode: scale calibration, control of valves and pumps
- Technical inspection of supply pump, vacuum pump, and scales
- Internal vacuum and pressure testing
- Troubleshooting
- General repair instructions

- Lots of practical training.**
- Participants must wear work clothes and safety shoes.

Participation info

- Course name:** FPL3
- Format:** On-site training
- Duration:** 6 hours
- Participants:** Min. 4 to max. 10
- Fee per person:** EUR 250.00 plus VAT

Target group

- Mechatronics engineers for passenger cars—from trainees to experienced master mechanics and experts



Training Courses on Exhaust Gas Measurement



Do you have any questions about training or individual training courses?

We are happy to help:
trainings.portal@mahle.com



EmissionPRO® sales training

Training currently
only available for
Germany and Austria.
Other countries by
request for quotation.

Product benefits, highlights, and sales strategies

Objectives

- Providing an overview of emissions-testing units and common calibration procedures
- Learning about currently available emissions-testing devices and relevant future trends, and discussing regional emissions regulations
- Developing a good understanding of the product, its core features, and successful sales strategies

Contents

- Overview of emissions-testing devices and emissions specifications
- Future developments
- EmissionPRO® product line in detail
- Understanding the configuration
- Market overview and benchmarks
- Highlights and unique selling points
- Sales opportunities

Participation info

- Course name:** EPL1
Format: On-site training
Duration: 2 hours
Participants: Max.10
Fee per person: Free of charge

Target group

- Commercial employees and other sales, wholesale, and service employees



Training currently
only available for
Germany and Austria.
Other countries by
request for quotation.

EmissionPRO® hands-on training

Emissions testing with EmissionPRO® in theory and practice

Objectives

- Acquiring comprehensive theoretical and practical knowledge on emissions testing with EmissionPRO®
- Configuring the unit, performing exhaust gas measurements, and troubleshooting

Contents

- Configuring EmissionPRO®
- Performing emissions testing

Participation info

- Course name:** EPL2
Format: On-site training
Duration: 4 hours
Participants: Min. 4 to max. 10
Fee per person: EUR 89.99 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts
- Commercial employees and other sales, wholesale, and service employees



EmissionPRO® technical training

Training currently
only available for
Germany and Austria.
Other countries by
request for quotation.

Commissioning, configuration, troubleshooting,
maintenance, and repairs

Objectives

- Acquiring practical knowledge on emissions testing with EmissionPRO®
- Configuring and calibrating the unit, performing exhaust gas measurements, and troubleshooting
- Understanding current legislation on emissions testing

Contents

- Troubleshooting instructions
- Calibration and configuration in theory and practice
- Performing adjustments and repairs
- Current legislation
- Country-specific specifications

□ Lots of practical training.
Participants must wear work
clothes and safety shoes.

Participation info

Course name: EPL3
Format: On-site training
Duration: 1,5 days
Participants: Max. 5
Fee per person: EUR 375.00 plus VAT

Target group

- Mechatronics engineers for passenger cars, commercial vehicles, and agricultural and construction machinery— from trainees to experienced master mechanics and experts



General terms and conditions for participation in technical training courses by MAHLE Aftermarket GmbH (valid from 01/2026)

These general terms and conditions for participation from MAHLE Aftermarket GmbH, Pragstr. 26–46, 70376 Stuttgart (“MAHLE”) apply to all training services to be provided. They apply in particular to registration for, the provision of, and participation in technical training courses, which are offered both as in-person and online events, and they supplement the “General Terms of Sale and Delivery for the Spare Parts Business of MAHLE Aftermarket GmbH.”

The terms and conditions and the general terms and conditions for participation can be found at <https://www.mahle-aftermarket.com/eu/de/catalog/terms-and-conditions/#>.

1. Registration and conclusion of contract

You can register for MAHLE technical training courses in the following ways:

- By e-mail to: trainings.portal@mahle.com
- By mail to: MAHLE Aftermarket GmbH
Department: MEST
Schorndorfer Str. 96
73614 Schorndorf
- Via the training portal: <https://training.mahle.com/>

The registration deadline for a training course is specified in the relevant course information. Unless a different deadline is specified, registration closes five (5) working days before the start of the event in question.

For live online training courses, registration and cancellation can take place up until the start of the respective online training course.

Our training offers are subject to change and are nonbinding. A contractual relationship shall only come into effect upon written order confirmation by MAHLE, which is usually sent by e-mail.

2. Requirements for participation

To participate in technical training courses, the registered person must have the technical knowledge and qualifications required for the respective training course, as specified in the respective training course description.

Additional documentation may be required for certain certification training courses (e.g., a certificate of competence, high-voltage qualifications, a first aid certificate, a master craftsman’s certificate, or comparable qualifications). The applicable requirements

are specified in the training catalog or in the training description and must be met and verified before the start of training.

Persons under the age of 18 may only participate with the written consent of a parent or legal guardian. This consent must be submitted together with the registration form.

In addition, the safety and occupational health regulations specified in the training program must be observed. This particularly applies to the wearing of prescribed safety clothing during in-person training sessions. MAHLE reserves the right to exclude participants from training if they violate these regulations. In such cases, the obligation to pay the participation fee remains in force.

3. Changes to training content

MAHLE reserves the right to change or supplement the training content at any time with or without prior notice, particularly to tailor the training to the group of participants.

4. Payment terms

The prices listed in the training catalog apply. Unless otherwise indicated, all prices are in EUR (euros) and exclude the applicable statutory value added tax.

Unless otherwise agreed in writing, payment shall be due immediately upon receipt of invoice, without deduction.

5. Cancellation policy

The cancellation deadline for a training course is specified in the relevant course information. Unless otherwise specified, cancellations can be made free of charge in writing or digitally up to five (5) business days before the start of the respective event.

For online training courses, cancellations are only possible up until the start of the course. The date of receipt of the cancellation by MAHLE shall be decisive.

For cancellations received after five working days before the start of the course—or later than the start of live online training—and in the case of no-shows by the participant, MAHLE reserves the right to charge the participant a pro-rata training fee of 50%. Until the start of the event, participants may designate substitute participants free of charge. Registration must be made in writing to: trainings.portal@mahle.com.

Consumers within the meaning of Section 13 of the German Civil Code (BGB) have a statutory right of cancellation of 14 days from the conclusion of the contract. The right of cancellation expires if the training has already been completed in full and the participant has previously expressly agreed that the service will

begin before the expiry of the cancellation period and that he thereby loses his right of cancellation.

Cancellation and withdrawal can be done as follows:

- By e-mail to: trainings.portal@mahle.com
- By mail to: MAHLE Aftermarket GmbH
Department: MEST
Schorndorfer Str. 96
73614 Schorndorf
- Via the training portal: <https://training.mahle.com/>

6. Cancellation by the organizer

MAHLE reserves the right to cancel an event for good cause.

Good causes include:

- Failure to reach the minimum number of participants specified in the offer
- Illness or unforeseeable incapacity of speakers
- Prohibition of the event due to official orders or force majeure

Cancellation will be made immediately and usually by e-mail. Participation fees already paid will be fully refunded. Any further claims, particularly claims for damages, shall be excluded.

7. Liability

The training courses constitute services within the meaning of sections 611 et seq. of the German Civil Code (BGB). MAHLE is not obligated to achieve a specific result.

The participant remains responsible for checking the content provided to ensure it is appropriate for use in specific cases.

MAHLE shall not be liable unless there is evidence of willful intent or gross negligence. In the event of a breach of essential contractual obligations, MAHLE shall also be liable for slight negligence, but only to the extent of the foreseeable damage typical for this type of contract. Liability for damages resulting from injury to life, limb, or health as well as liability under the German Product Liability Act (Produkthaftungsgesetz) shall remain unaffected.

A reversal of the burden of proof is excluded. Insofar as MAHLE's liability is limited or excluded in accordance with the above provisions, this shall also apply in favor of its corporate bodies, employees, representatives, and agents.

8. Data protection

MAHLE processes the participant's personally identifiable information exclusively for the purpose of conducting the training and in accordance with the applicable data protection laws.

Details can be found in our privacy statement on the MAHLE training portal.

9. Confidentiality and rights regarding training documents

All information, knowledge, and experience ("information") provided by MAHLE as part of the training must be treated confidentially. Participants may use this information exclusively for their own purposes and within their own company. Beyond this scope, participants are not granted any rights of use to the information. Disclosure to third parties is only permitted when necessary for the performance of the activity and when these third parties have been obligated to maintain confidentiality (e.g., in their employment contract).

This obligation does not apply to information that:

- is commonly known or becomes commonly known without involvement by the participant
- was already known by the participant prior to MAHLE's disclosure
- the participant becomes aware of outside of the training or
- was legitimately disclosed to the participant by third parties without any obligation of confidentiality or non-use

If a participant invokes an exception to the confidentiality obligation, they must prove that the conditions for such an exception are met.

In addition, participants are not permitted to make recordings, copies, or reproductions of the training content—in whole or in part—or to make them publicly available. This applies to both in-person and online training courses.

10. Choice of law and place of jurisdiction

German law shall apply exclusively, to the exclusion of the UN Convention on Contracts for the International Sale of Goods (CISG).

The exclusive local place of jurisdiction is Stuttgart/Germany, unless another place of jurisdiction is mandatory.

For consumers, the statutory places of jurisdiction apply.

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