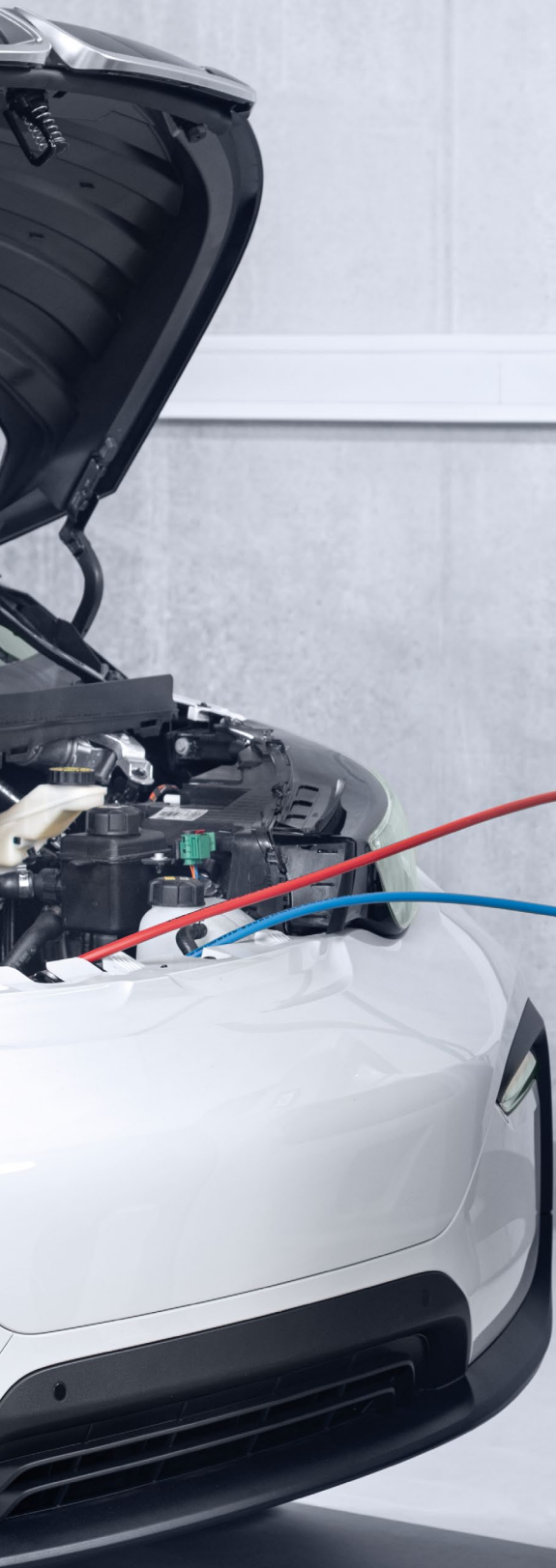


A/C Essentials Line

Products and accessories
for A/C and cooling systems



MAHLE A/C Essentials Line

MAHLE's service does not come to an end once you have bought our equipment. Our A/C Essentials Line, which was specially developed to keep things running smoothly at the workshop, includes all the products and accessories you will need for A/C and cooling systems. A/C Essentials Line products have been developed for intensive professional use in our stations, but also bring out the best in other devices that are available on the market.

Products and accessories from the A/C Essentials Line:

- PAG/POE oils for refrigerant R134a and R1234yf
- Sanitizing line
- UV test line
- Leak test devices
- Filters
- Pump oil
- Special functions Kits

>

New in program

We guarantee that with our products your Station will perform its best everyday.



MAHLE

BEHR®



BrainBee®
WORKSHOP SOLUTIONS

Product overview

A/C compressor oil



PAG oil/POE oil
Hybrid vehicles
for refrigerant R134a



PAG oil
for refrigerant R1234yf

UV test



Fluorescent dye/
Fluorescent dye
Hybrid vehicles
for refrigerant R134a



Fluorescent dye
for refrigerant
R1234yf



Fluorescent dye
remover trigger



Sanitising products



A/C system sanitary spray

Service



Expert Kit

Oil Care System



Oil Care Cartridge

Leak test



Nitrogen/Hydrogen leak detector Kit

Flushing



Flushing Kit

Hybrid systems



Hybrid Kit

Filters



Dryer filter

Pump oil



Vacuum Pump Oil

Warranty Extension



Warranty Extension

A/C compressor oil

Our compressor oils for A/C systems guarantee reliable and profitable work on A/C stations. These oils are compatible with all the components of our A/C stations, extending their service life and protecting against compressor wear.

Chemical composition specially for new generation systems

Refrigerant R134a



PAG oil ISO 46

Item no. 1010350038XX

250 ml bottle

Minimum order quantity:
6 bottles



PAG oil ISO 100

Item no. 1010350039XX

250 ml bottle

Minimum order quantity:
6 bottles



PAG oil ISO 150

Item no. 1010350040XX

250 ml bottle

Minimum order quantity:
6 bottles



POE oil 80 Hybrid

Item no. 1010350279XX

250 ml bottle

Minimum order quantity:
6 bottles

Refrigerant R1234yf



PAG oil 46 HFO 1234yf

Item no. 1010350283XX

250 ml bottle

Minimum order quantity:
6 bottles



PAG oil 100 HFO 1234yf

Item no. 1010350284XX

250 ml bottle

Minimum order quantity:
6 bottles



The 250 ml bottle offers practical advantages.

The smaller size has an advantage over the 1-litre bottle, because you are recommended to use up the oil within approximately one month of opening.* With 1 litre of oil at 20 ml per charge, you can charge around 50 A/C systems.

* Depending on environmental conditions.

UV test

Our fluorescent dye is a special tracer oil that becomes fluorescent under UV light. It is ideal for visual searches for possible leaks in the A/C circuit. Its chemical composition means it is compatible with the components of our A/C stations and suitable for every circuit.

Refrigerant R134a



Fluorescent dye

Item no. 1010350041XX

250 ml bottle

Minimum order quantity:

1 bottle



Fluorescent dye hybrid

Item no. 1010350281XX

250 ml bottle

Minimum order quantity:

1 bottle



Fluorescent dye with dispenser – 7.5 ml + hose

Item no. 1010350285XX

7.5 ml syringe

Minimum order quantity:

6 syringes



- Fluorescent dye is the key to avoiding damage due to leaks in the system.
- Choose a bottle size that best fits in with your usual recharging methods.

Refrigerant R1234yf



Fluorescent dye HFO1234YF

Item no. 1010350282XX

250 ml bottle

Minimum order quantity:

1 bottle



Fluorescent dye with dispenser – 7.5 ml + hose

Item no. 1010350286XX

7.5 ml syringe

Minimum order quantity:

6 syringes

Fluorescent dye bottle:

The handy dispenser and chemical composition have been tested to ensure there is no corrosion or damage to system components, and guarantee maximum efficiency during leak tests.

Fluorescent dye syringe:

Using the single-use syringe ensures no refrigerant is removed from the system. When the compressor is switched on, the additive is squirted into the low-pressure port, without the need for any further steps.

UV test



Fluorescent dye remover trigger

Item no. 1010350287XX

250 ml bottle

Minimum order quantity:

1 bottle

The Fluorescent dye remover gets rid of residues of fluorescent dye (tracer oil). Its chemical composition has been tested to ensure no corrosion or damage is caused to system components.

We look forward to your request: info.aftermarket@mahle.com



Since it does not contain any propellant and is non-flammable, there are no restrictions regarding its storage and transport.

Valves Kit



Valves Kit

Item no. 1010350280XX

The Kit contains 6 different types of needle valves that can be useful during the pre-re-charge phase to avoid leaks at a later stage.

We look forward to your request: info.aftermarket@mahle.com



If you have all the resources you need for a service, you will save both time and money!

Expert Kit



Expert Kit

Item no. 1010350289XX

This is your complete package of everything you need for your A/C station.

Content:

- 2 bottles PAG Oil ISO 46
- 2 bottles PAG Oil ISO 100
- 1 bottle PAG Oil ISO 150
- 1 bottle Fluorescent Dye
- 2 bottles Cabin Sanitary Agent
- 1 bottle POE Oil 80 Hybrid
- 1 bottle PAG Oil 46 Hfo1234yf
- 6 x Fluorescent Dye Hybrid in Syringe – 7.5 ml + Hose
- 6 x Fluorescent Dye HFO 1234yf in Syringe – 7.5 ml + Hose
- 1 Valve Kit
- 1 bottle Fluorescent Dye Remover Trigger



By using original products for A/C stations, you are demonstrating responsible workmanship to the customer.

Sanitising products



A/C System Sanitary Spray

Item no. 1010350046XX

400 ml bottle

Minimum order quantity:

4 bottles

Sanitary spray for car A/C systems.



Cabin Sanitary Agent

Item no. 1010350047XX

200 ml bottle

Minimum order quantity:

6 bottles

Special sanitary spray for the interior of vehicles. The Cabin Sanitary Agent can be added to a full service package for A/C systems, without any waste.



Condenser Cleaner

Item no. 1010350048XX

400 ml bottle

Minimum order quantity:

4 bottles

Special, degreasing cleanser for the condenser. The condenser cleaner cleans the condenser to keep it in tip-top condition.



Finishing the recharging process by sanitising the circuits for the passenger interior is a sign of high-quality work.

Oil Care System



Oil Care Cartridge

Cod. 1010350329XX

3 pcs-box

We look forward to your request: info.aftermarket@mahle.com

The "Oil Care System" consists of a special cork material that separates humidity from air during oil suction phase – this way it avoids that the humidity contaminates the oil.

Why it is so important?

Oil is hygroscopic and if it absorbs humidity, electric conductivity increases, which is very dangerous for hybrid and electric vehicles. One of the objectives of the maintenance service is to dehumidify the system, therefore using "damp" oil would make no sense.



Leak test



Choose the right tool and detect leakage problems immediately.



UV Kit

Complete solution for traditional leak detection using fluorescent dye and a UV lamp. The Kit is enhanced by a special product for subsequently cleaning the system, to ensure the very best results.

This special Kit contains everything you need for tests using fluorescent dye and the UV lamp. Once the dye has been squirted into the system, the UV lamp enables all leaks to be detected. The Kit comes with protective goggles and a special universal degreasing cleanser.
Item no. 1010350033XX



Nitrogen/Hydrogen Leak Detector Kit

For use with smaller leaks that are difficult to find with fluorescent dye. For a clean system without residues.

This Kit version for detecting nitrogen/hydrogen leaks is to be combined with the Nitrogen Leak Detector Kit for leak tests.

The Kit comprises: Nitrogen/Hydrogen Cylinder, hydrogen leak detector and pressure regulator.

Item no. 1010350288XX



Nitrogen Leak Detector Kit

For use during the first overall analysis or for larger leaks. It can be used to test for leaks in A/C systems that are under pressure.

Item no. 1010350130XX



Nitrogen Leak Test 134 to 1234 Kit

Conversion couples for the leak tests on A/C 1234 stations

Item no. 1010350262XX

- A software function integrates all A/C Essentials Line Kits in the MAHLE stations.
- The nitrogen leak test and nitrogen/hydrogen leak detector Kits can deliver significant savings, as unlike free-standing Kits they use the station's own pressure gauges. They also offer a report printout feature.

Nitrogen/Hydrogen Cylinder

1-l spare cylinder for the nitrogen/hydrogen leak detector Kit.

Item no. 1010350296XX



Flushing



Flushing Kit

Item no. 1010350053XX



Flushing Kit R1234 M

Item no. 1010350198XX



VAS Flushing Kit 134a/1234yf

Item no. 1010350150XX

The MAHLE flushing process offers various advantages:

- Special software enables use of the flushing feature from the stations
- Option of printing a report when the process is complete
- Help with removing repair residues



Regular flushing reduces the risk of damage to the system and the station due to impurities.

Our Flushing Kits:

Our flushing Kits include the special filters and valves required for flushing, whereby refrigerant is repeatedly flushed into the circuits of the vehicle recharge stations. They have higher filtration, improved efficiency, more precise cleaning and higher safety levels for protection against possible damage due to impurities in the recharge station.

Hybrid systems



Hybrid Kit

Item no. 1010350129XX

The Hybrid Kit is an accessory that enables the use of the Reset feature. This is vital for replacing the residues of PAG oil in the station. It is therefore essential to switch correctly and safely from servicing a traditional engine to servicing a hybrid vehicle.

Filters



Dry filter MY 2018

Item no. 1010350402XX



Dry filter MPP/HPP Line

Item no. 1010350420XX



Dry filter LPP Line

Item no. 1010350421XX



Make sure that you always have a moisture filter to hand so that you can replace them regularly.

All MAHLE recharge stations are equipped with software that indicates when routine replacement of moisture filters is due.

Vacuum pump oil



Vacuum pump oil

Item no. 1010350037XX

500 ml bottle

Minimum order quantity:

2 bottles

The quality of our vacuum pump oil cannot fail to impress. It ensures equipment has a long life and protects it from internal damage.



This pump oil mixture is certified for use with HPV pumps and guarantees the best performance.

Warranty Extension

A/C recharge stations require inordinate quantities of consumables and regular routine maintenance. Continually using high-quality products keeps your equipment performing at its best, reduces the costs of consumption and, above all, endows the equipment with a longer service life.



WARRANTY EXTENSION 36:

Item no. 1010601601EE

- Dryer filter
- 500 ml vacuum pump oil (2 bottles)
- Database (2 updates)
- 3-year warranty (in total)*

To sum up: the most profitable use of investments, and fewer problems. This was the idea behind the A/C Essentials Line. All recharge stations that were routinely serviced using high-quality A/C Essentials Line products are guaranteed a longer life.

* Can be activated within 30 days of initial installation



The Warranty Extension Kit offers a three-year extension*, a database that is constantly updated, and immediate availability of consumables.

Technical data

Item no.	Description	Qty. per pack
1010350038XX	Pag Oil ISO 46 250 ml	6
1010350039XX	Pag Oil ISO 100 250 ml	6
1010350040XX	Pag Oil ISO 150 250 ml	6
1010350279XX	Poe Oil 80 Hybrid	6
1010350283XX	Pag Oil 46 Hfo1234yf – 250 ml	6
1010350284XX	Pag Oil 100 Hfo1234yf – 250 ml	6
1010350041XX	Fluorescent Dye – 250 ml	1
1010350281XX	Fluorescent Dye Hybrid – 250 ml	1
1010350285XX	Fluorescent Dye Hybrid In Syringe – 7.5 ml + Hos	6
1010350282XX	Fluorescent Dye Hfo1234yf – 250 ml	1
1010350286XX	Fluorescent Dye 1234yf In Syringe – 7.5 ml + Hose	6
1010350287XX	Fluorescent Dye Remover Trigger – 250 ml	1
1010350280XX	Valves Kit	1
1010350047XX	Cabin Sanitary Agent – 200 ml	6
1010350048XX	Condenser Cleaner – 400 ml	4
1010350289XX	Expert Kit	1
1010350329XX	Oil Care Cartridge	3
1010350130XX	Nitrogen Leak Test Kit	1
1010350033XX	UV Kit	1
1010350288XX	Nitrogen/Hydrogen Leak Detector Kit	1
1010350296XX	Nitrogen/Hydrogen Cylinder – 1 l	6
1010350262XX	Nitrogen Leak Test 134 to 1234 Kit	1
1010350053XX	Flushing Kit	1
1010350198XX	Flushing Kit 1234 M Series	1
1010350150XX	Vas Flushing Kit	1
1010350129XX	Hybrid Pro Kit	1
1010350402XX	Dry filter MY 2018	1
1010350420XX	Dry filter MPP/HPP Line	1
1010350421XX	Dry filter LPP Line	1
1010350037XX	Vacuum Pump Oil – 500 ml	2
1010601601EE	Warranty Extension 36	1

MAHLE Aftermarket Italy S.r.l.
Via Rudolf Diesel 10/a
43122 Parma
Italy
Tel. +39 0521 9544-11
Fax +39 0521 9544-90
info.aftermarket@mahle.com

MAHLE Aftermarket Deutschland GmbH
Dürrheimer Straße 49a
D-78166 Donaueschingen
Germany
Tel. +49 771 89653-24200
Fax +49 771 89653-24290
mss.sales.de@mahle.com

MAHLE Aftermarket S.L.U.
C/Mario Vargas Llosa 13
Pol ind Casablanca
28850 Torrejón de Ardoz, Madrid
Spain
Tel. + 34 91 888 6799
Fax + 34 91 888 6311
administracion.iberica@mahle.com

www.mahle-aftermarket.com
www.mpulse.mahle.com