



MAHLE Insider

**MAHLE**

## Healthy air conditioning. Here's how to get it right:

### Rely on the skills and experience of the A/C experts at your specialist workshop.

Set aside a little time for some air conditioning maintenance and have your A/C system checked and serviced regularly by a specialist workshop.

#### 1. A/C check (once a year or every 15,000 km)

- Replace the cabin filter
- Visually inspect all components
- Perform function and performance test
- Where necessary, disinfect the evaporator

#### 2. A/C service (every two years)

- Perform all services included in the A/C check (see above)
- Change the refrigerant
- Check leaktightness
- Replace the filter-drier if necessary
- Disinfect the evaporator if necessary



You can find more useful  
information about  
A/C maintenance here.



## Keep cool!

It's time for the  
A/C check

- Can save you money
- Keeps you safe
- Better for your health
- Also important for electric vehicles

**BEHR®**



MAHLE Aftermarket GmbH  
Pragstraße 26–46  
70376 Stuttgart/Germany  
Phone: +49 711 501-0

[www.mahle-aftermarket.com](http://www.mahle-aftermarket.com)  
[www.mpulse.mahle.com](http://www.mpulse.mahle.com)

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# Move safely through the traffic with a clear head

Did you know that your air conditioning system can lose up to 10 percent of its refrigerant per year? This not only reduces cooling capacity, but can, in the worst case, cause damage to individual components—and even lead to total failure of the system! Regular maintenance of the air conditioning system will help to ensure that it continues to function smoothly.



An A/C check and service can **save you money**, as possible damage is detected in good time before total failure occurs.



A/C checks and services keep you **safe**, maintaining a comfortable temperature and allowing you to concentrate fully on the road.



A/C checks and services protect your **health**, keeping dust, pollen, fungi, and bacteria out of the vehicle interior.



A regularly serviced, properly functioning A/C system is also essential for the cooling of the temperature-sensitive traction battery in **electric and hybrid vehicles**. Additionally, it extends the traction battery's service life and improves the vehicle's cruising range.



With A/C maintenance



Without A/C maintenance



With A/C maintenance



Without A/C maintenance



With A/C maintenance



Without A/C maintenance

# That's why you need A/C maintenance!

## Disinfect the evaporator

Condensation builds up in the inaccessible, dark, and dank environment between the fins of the evaporator—a breeding ground for bacteria and fungi. That's why the evaporator is disinfected during the A/C check.

## Change the cabin filter

It filters dust, pollen, and dirt particles out of the air before they can reach you in the cabin. The air conditioning check therefore always includes the regular replacement of the cabin filter, improving the quality of the air and increasing safety.



Good to know! In comparison with conventional cabin filters, MAHLE's CareMetix® cabin filters ensure that no intensive odors, mold, bacteria, or allergens enter the vehicle interior.

## Replace the filter-drier

The filter-drier removes dirt particles from the refrigerant and absorbs moisture. But since its capacity is limited, precautionary replacement of the filter-drier is recommended in older vehicles and/or vehicles with high mileage in order to protect the air conditioning system against damage caused by humidity in the system.