

Carry out an A/C check!

Read on to find out why ...

Your air conditioning ensures safety and comfort—but only if it's well maintained. That's why it's important to carry out an A/C check regularly!

Air conditioning check

Once a year or every 15,000 km

What's involved?

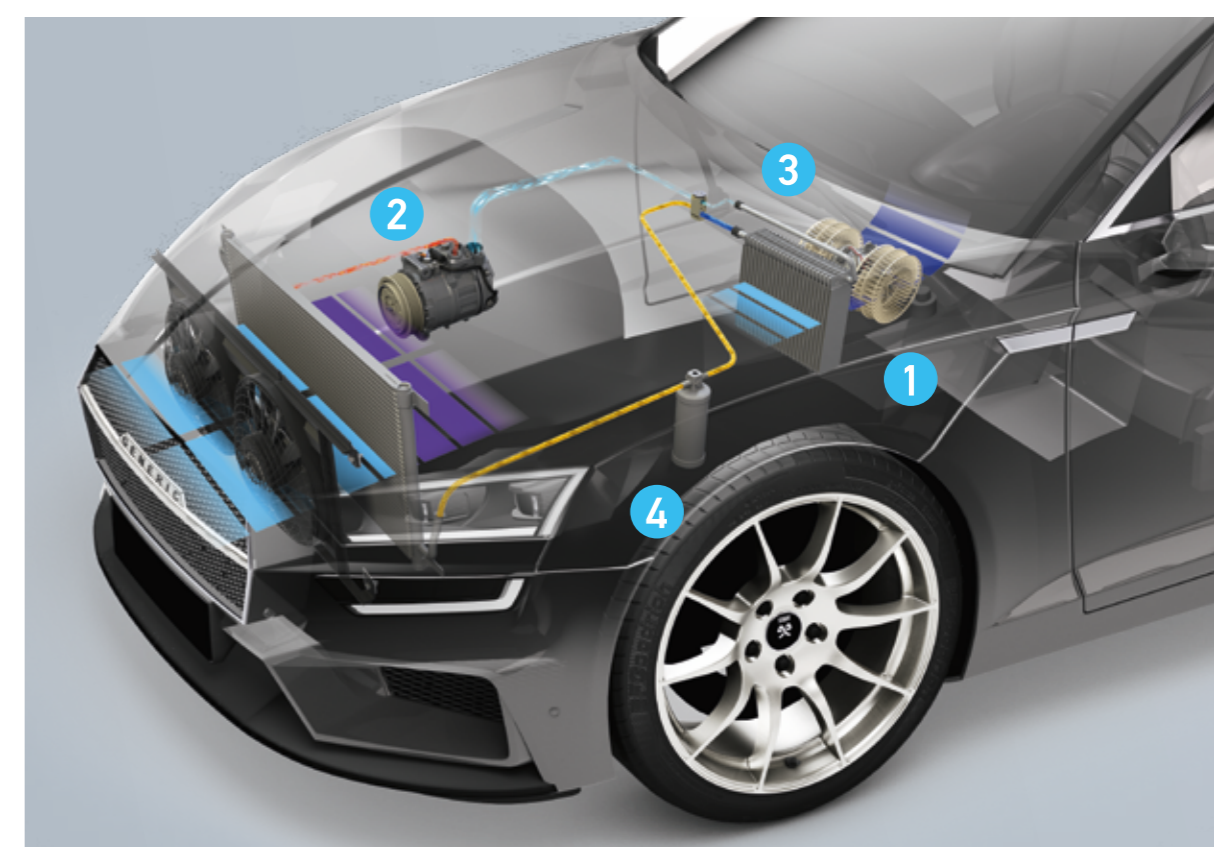
- Visually inspect all components
- Perform function and performance test
- Replace the cabin filter
- Where necessary, disinfect the evaporator

Air conditioning service

Every two years

What's involved?

- Carry out an A/C check (see left)
- Change the refrigerant
- Perform a leakage test
- Replace the filter-drier



1 Evaporator



With A/C check



Without A/C check



Evaporator

- Fitted below the dashboard, integrated in the ventilation system
- The dark, humid environment creates an ideal breeding ground for bacteria, fungi, and micro-organisms
- Risk of musty odors or allergic reactions
- This can be prevented by disinfection

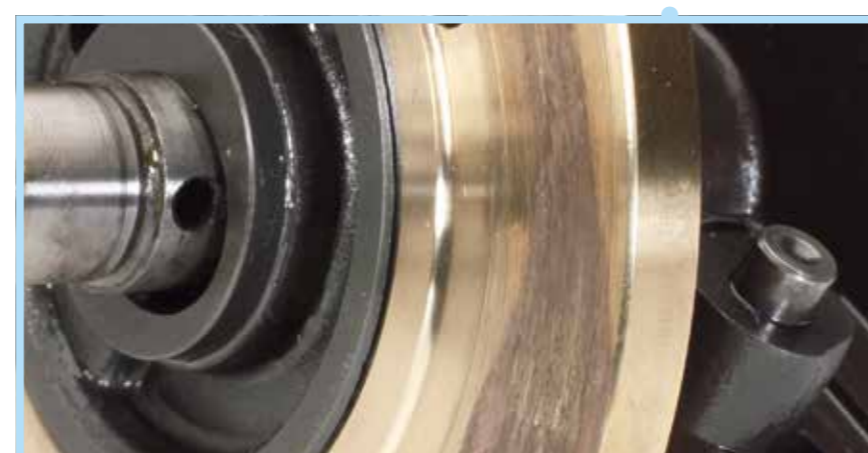
2 Compressor



With A/C check



Without A/C check



Compressor

- Heart of the A/C system; driven by the engine and the transportation of refrigerant oil
- Refrigerant oil, which circulates with the refrigerant, is used for lubrication
- Approx. 10% refrigerant loss per year
- Inadequate lubrication leads to risk of compressor damage
- This can be prevented by A/C maintenance

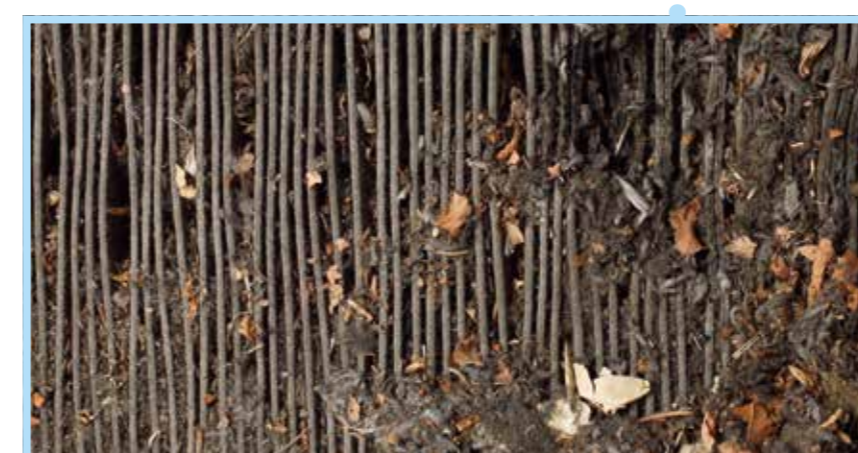
3 Cabin filter



With A/C check



Without A/C check



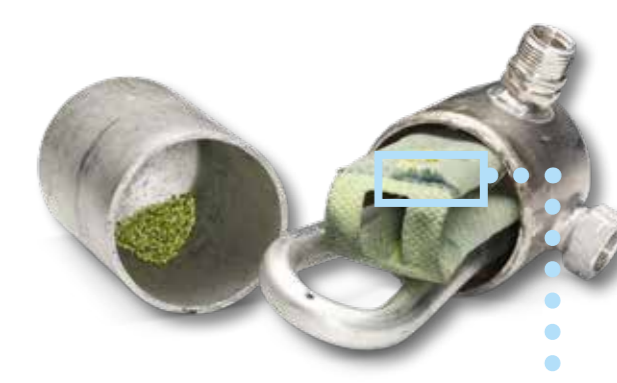
Cabin filter

- Air flow approx. 300 m³ per hour
- Retains dust, dirt, and pollen
- Optional activated carbon canister to absorb gases such as ozone
- Replace after 1 year or 15,000 km because of saturation

4 Filter-drier



With A/C check



Without A/C check



Filter-drier

- Filters moisture from the refrigerant as well as dirt particles and chips from the A/C system
- Both can cause damage to the A/C system or compressor
- Capacity limited, depending on engine type
- Replace after approx. 2 years

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