



Cabin / Pollen Filter

General

Passenger compartment filters (Pollen or Cabin filter) improve the incoming air into the vehicle interior and thereby the comfort of the vehicle passengers.

Function

The passenger compartment filter is located in the vehicle fan air intake duct where it filters out dust, contamination, pollen and bacteria. If a filter element with a layer of activated charcoal is used, even gases with unpleasant odours can be eliminated from the vehicle interior.

A paper filter element consists of a micro-fibre mat using a sandwich construction.

For an activated charcoal filter element an additional layer is required as the carrier element for the activated charcoal.

Effects and Causes of Wear

A worn passenger compartment filter can be identified as follows:

- Limited air flow (high load on fan motor)
- Noise development in vehicle interior
- Heavy contamination
- Not changed at the correct time

Diagnostics

A worn passenger compartment filter can be recognised with a visual check.

