

JAKOPARTS



herthundbuss.com/filters

Filter

Cabin filters, oil filters & much more!



 **HERTH+BUSS**

The best for Asian vehicles!

We are specialists in Japanese and Korean vehicle models. With its comprehensive range and first-to-market promise, our Jako-parts range of spare parts is a real heavyweight. That's why we're always first choice.
Quality and service from specialists!

- Our services for you:**
- over 19,000 vehicle-specific parts with 475,000 vehicle links
 - exactly fitting parts allocation
 - quality even for the latest models
 - fast availability from Germany's no. 1
 - spare parts for Asian vehicles from specialist Herth+Buss


Passt immer!




ENGINE

Belts

Gaskets/Seals

Filter

Cooling system

Fuel system

BRAKE

Disc brake

Drum brake

Brake hydraulic

Parking brake

CHASSIS

Suspension parts

Steering components

Wheel bearing kits

Shock absorber

ELECTRICS

Alternators+Starters

Ignition system

Glow plug system

Switch

Actuators+Sensors

TRANSMISSION

Drive parts

Clutch parts

TOOLS

Processing+Installation

CAR BODY

Gas Spring



Filter diversity for Asians!

Automotive filters: All-round protection for vehicle and passengers

The range of filters used in cars is diverse. In our Jakoparts range we offer a wide range of filters for Asian vehicle models. In excellent quality and with a perfect fit!

Filter quality from Herth+Buss

Not all filters are the same. Durability, efficiency and an exact fit are the guarantees for long-lasting filter functions. Added to this are proven, high-quality materials such as special filter paper and corrosion-treated metals. Things that you can't see, but which guarantee a perfect, lasting function in filter operation. Looking only at the price often turns out to be saving at the wrong end. The Jakoparts range includes a wide range of oil, fuel, air, hydraulic and cabin filters for Asian vehicles in proven Herth+Buss quality.

Cabin filters - Avoiding thick air

If you want to avoid „thick air“ in the passenger compartment of your car, you should regularly change the appropriate filter. The cabin filter has the task of removing pollutants such as soot or dust from the ambient air and supplying the vehicle interior with purified air. It is particularly important for allergy sufferers that fresh air is available in the vehicle interior.

We offer three different cabin filters:

- Regular cabin filters
- Activated carbon filter
- Biofunctional filters

Cabin filter

Article number: J134*

Air filter - Clean air prevents premature engine wear

The air filter cleans dust from the intake air, preventing the small particles (between 0.005 to 0.05 mm) from entering the engine's oil circuit. The engine thanks this clean air supply by developing its full rated power, and fuel consumption can also be reduced by up to ten percent by changing the filter.

Air filter

Article number: J13*

Fuel Filter - Clean Fuel Protects Injection Pump and Injector

Fuel contamination often occurs during refuelling. Pieces of paint, rust or dirt get into the fuel tank and are caught by the fuel filter on their way into the engine. If the fuel filter is clogged, the fuel flow is impeded and leads to a noticeable reduction in engine performance. In extreme cases, no more fuel gets into the engine.

We offer three different fuel filters:

- coarse fuel filter (pre-filter)
- Fuel line filter (in-line filter), it is used for fine filtering and is completely replaced during maintenance
- Fuel change filter, complete replacement during maintenance

Fuel filter

Article number: J133*

Oil filter - change filter at every oil change

Internal combustion engines are lubricated with oil. When heat is generated, parts of the oil also burn. The particles it contains, such as soot, metal abrasion and other dirt, reduce the quality of the oil and thus increase wear in the engine. An oil filter removes the dirt particles down to a size of about ten micrometres.

Oil filter

Article number: J131*

Hydraulic filter – Cleaning the transmission oil

A hydraulic filter, also called a transmission oil filter, is needed in every hydraulic system. The job of the hydraulic filter is to clean the oil that is needed to operate the vehicle's hydraulic components. To achieve this, the fluid is passed through the filter and the filter element separates all particles above a defined size. Without the use of the hydraulic filter, the particles would collect in certain places and could lead to malfunctions.

We offer the hydraulic filters in three different versions:

- filter insert
- Strainer filter
- spin-on filter

Hydraulic filter, automatic transmission

Article number: J135*



First-to-market

Even if the vehicle has only been on the market for a short time, we can already supply the right spare part.



Quality filters from Herth+Buss

All the filters offered meet the highest quality requirements and therefore ensure longer engine running times.



High coverage

More than 13,000 filter references are linked for a comprehensive range of Asian and European vehicles.



Block exemption certified

Install Jakoparts without voiding the warranty from your vehicle manufacturer.



All information at a glance

The relevant Herth+Buss article number is noted on the filter so that you have all the crucial information at a glance.



Mapped to OE

Jakoparts products are OE equivalent and tailored directly to the original equipment parts.

High-quality oil filters

including the suitable tool



The task of oil filters is to ensure that the engine oil remains free of dirt particles, soot or unburned fuel. Clean oil and thus the use of an oil filter are essential to ensure that the engine runs smoothly. This is why the oil filter must be replaced with every oil change. This ensures improved cleaning performance and extends the service life of the engine.

The oil filters in our range impress with their high quality. Our online catalogue enables you to identify the right oil filter for your vehicle quickly and easily. In addition to the oil filters, the suitable tools required for professional oil change are also linked in our online catalogue. The tools can be found under „accessories“ in our online catalogue. The linked items include the oilfilter spanners and our repair kit for the oil drain plugs. The oilfilter spanners can be used universally and their compact design means that they require very little space during use. The oil drain plugs should, of course, also be replaced with every oil change, as the screws no longer

seal well if they are reused. The oil drain plug repair kit contains three different adapters for loosening the screws, as well as the most common oil drain plugs.

Oil Filter
Article number: J131*

Oilfilter Spanner
Article number: J9131*

Oil drain plugs repair kit
Article number: 959522006

Air filter -

protects the engine and its performance

Every vehicle with a combustion engine needs an air filter to clean the combustion air of unwanted suspended matter. A dirty filter can result in less air reaching the engine. In addition to increased fuel consumption, this can also lead to serious damage to the vehicle. The air filter must be replaced regularly to prevent this damage. The degree of contamination can depend on a variety of different factors, such as:

- Weather conditions
- Season
- Condition of the road
- Location and traffic

Our filters impress with their high filtration performance and have a high dust absorption capacity. The filters also comply with the OE standard. They guarantee reliable cleaning of the intake air. Fuel consumption can be reduced by up to 10% by changing the air filter.

Air Filter
Article number: J132*



Concentrated technical know-how from parts specialists HERTH+BUSS

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Fuel filters - precise fit & high level of protection

Fuel filters protect the fuel systems from contamination and separate water if necessary. Reliable function of the fuel injection inserts or carburettors can only be guaranteed if the fuel is clean. Dirt particles would cause wear and clog up the sometimes very small holes in the fuel treatment systems. Water can cause corrosion in the injection system and cause components to fail. This may also lead to an engine standstill in some cases. Fuel filters are therefore crucial for the correct function of the engine. Our fuel filters offer perfect fit and are available in the following three different designs:

Coarse fuel filter

Coarse fuel filters are used as prefilters, e.g. as suction filters in the fuel tank. They are usually designed as screen filters with a mesh size of around 0.06 mm and consist of a fine meshed wire or polyamide braid.

In-line filter

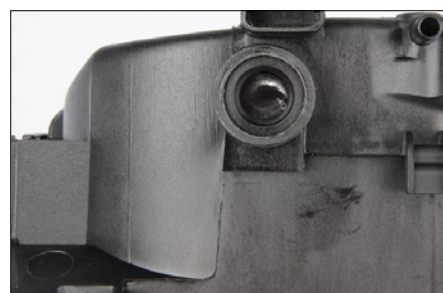
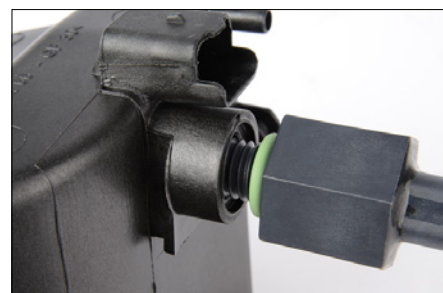
This design is used for fine filtration. Paper filters with a pore size between 0.002 and 0.0001 mm are used. They are installed in the fuel line and are replaced completely during maintenance. The in-line filter helps to ensure a long service life of the injection system.

Fuel exchange filter

The last of the possible designs are the fuel exchange filters. These form an unit consisting of a housing and filter element and are replaced as a whole during maintenance. These models also contain additional functions depending on the application.

Fuel filter

Article number: J133*



Different versions of transmission oil filters



The purity of the transmission oil is essential for the service life of the individual components. An excessively high degree of contamination or abrasion can lead directly to significant limitations in reliability of sensitive transmission elements. The transmission oil filter, also known as the hydraulic filter, is responsible for cleaning the oil. During this process, the oil is fed through the filter. The filter element separates all particles from a certain size upwards. Transmission oil filters only have a limited service life and must be replaced regularly. The manufacturer's specifications must be observed for exact information on how often the respective filter must be replaced.

Our transmission oil filters can be installed easily and meet the highest quality requirements. We offer a wide selection of different transmission oil filters with different dimensions and in different designs - you are guaranteed to find the right one for every vehicle! We offer the following three types of hydraulic filter in our product range:

- Filter insert
- Screen filter
- Screw-on filter

In addition to changing the transmission oil filter, the transmission oil should also be replaced according to the manufacturer's specifications. Our filling device for transmission oil is the perfect tool for this! The filling device impresses with a large fill quantity of 12.5 litres and has a 10-piece adaptor set for a variety of applications.

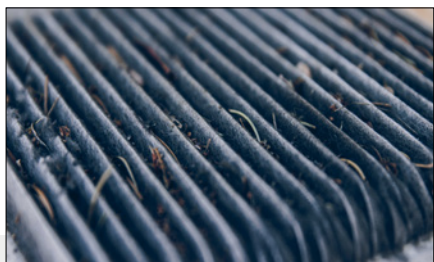
Hydraulic filter, automatic transmission

Article number: J135*

Filling Device, transmission oil

Article number: 95923007





As the perfect complement to our cabin air filters, we offer the perfect solution to disinfect the air inside the vehicle. We will explain exactly how our AirClean works on the following pages.

Fresh air with our cabin filters

Comprehensive range for Asian passenger cars

The job of the cabin filter is to remove harmful substances from the ambient air and to provide purified air in the vehicle interior. Cabin filters therefore not only increase the comfort of the vehicle occupants, but also help to keep them safe and healthy while driving. It is particularly important for allergy sufferers that a supply of fresh air in the vehicle is guaranteed. Cabin filters should be replaced once a year, as the residue they collect is not only unhygienic, but also significantly reduces the performance of the filter. In addition to the health risks, this also reduces the efficiency of the A/C system. We can offer the right cabin filter for each vehicle. While conventional filters filter pollen, dust, soot and wear particles larger than three micrometres from the air flow, activated carbon filters also protect against nasty smells, exhaust gas and ozone. In addition to cabin filters, our Jakoparts range also includes a wide selection of fuel, oil and air filters for Asian car models. This means that we can guarantee extensive vehicle coverage and the accuracy of fit and allocation quality that set us apart from our competitors.

Our AirClean air conditioning system disinfecter is the ideal device for disinfecting the vehicle interior even more effectively. You can find out more about using the AirClean on the following pages of the magazine.

Cabin filters
Article number: J134*

Spray gun, air conditioning cleaner/-disinfectant AirClean
Article number: 95921003, -005

Air Conditioning Cleaner/-Disinfecter AirClean
Article number: 95923008, -005

Breathe easy again

With our biofunctional cabin filters

Cabin filters are intended to ensure a permanent supply of fresh air. However, conventional cabin filters only prevent particles such as dust, pollen, soot or odours from getting into the interior of the vehicle. Despite the filter, bacteria or mould can spread in the vehicle interior.

The biofunctional filters bind free allergens and inhibit the growth of bacteria and moulds. The results are improved well-being inside the vehicle and fewer allergic reactions. But how can these extremely small particles be prevented from getting into the vehicle interior? The biofunctional filters are equipped with an additional coating, known as polyphenol coating. This natural layer helps to prevent the growth of mould or bacteria, which impair the respiratory tract of the passengers and can cause allergic reactions.

1 Biofunctional layer
The additional and natural polyphenol coating bonds free allergens. The growth of bacteria and moulds is also prevented.

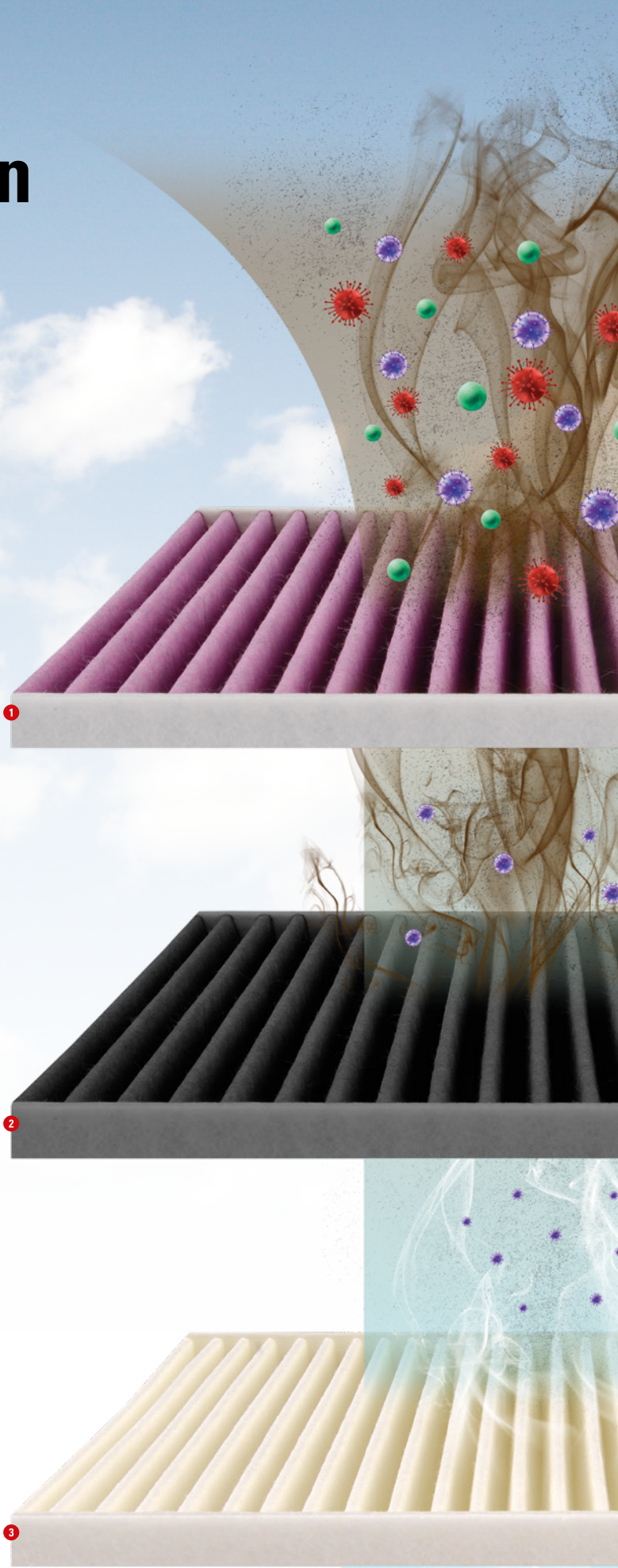
Filters active: Allergens Bacteria

2 Activated carbon layer
The activated carbon layer embedded in nonwoven absorbs harmful gases such as nitrogen oxides, methane, fuels or ozone. It also provides protection against unpleasant odours.

Filters active: Smell

3 Melt-blown electrostatic layer including protective coating
The high-quality electrostatic layer with protective coating stops even the smallest particles such as fine dust and pollen. Due to its small size, fine dust with a diameter smaller than 2.5 micrometres (PM2.5) is a health risk that can permanently damage the lungs.

Filters active: Fine dust Pollen



Air filter, passenger compartment
Biofunctional filter
Article number: J134*BF

Practical example

Ten steps for successful vehicle disinfection

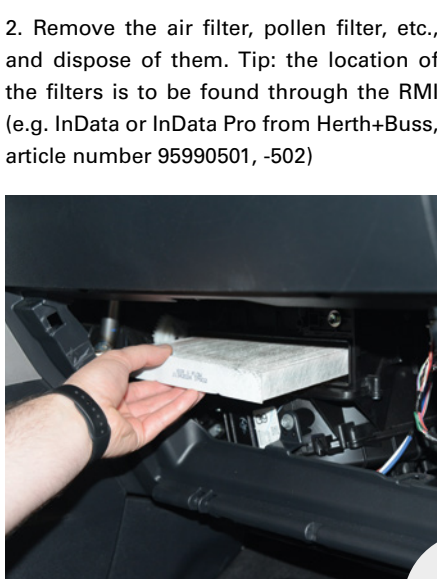
Before starting with the vehicle disinfection with AirClean, you should first clean the vehicle thoroughly as dirt cannot be eliminated by the disinfection process. Only by doing so will you achieve satisfactory results!



00:00



1. Position the vehicle in a cool, well ventilated location. It is important to always keep an eye on the temperature range during use! If it is too hot, for example, an insufficient quantity of mist will be able to form in the vehicle.



2. Remove the air filter, pollen filter, etc., and dispose of them. Tip: the location of the filters is to be found through the RMI (e.g. InData or InData Pro from Herth+Buss, article number 95990501, -502)



3. Fill your spray pistol with the disinfectant. The required quantity varies depending on the vehicle size and the strength of the odour.

4. Connect the device to an oil-free compressor. The compressor must feature adequate continuous operating ability with an effective supply quantity of >100 l/m and a set pressure of 4 bar.



5. Open the bonnet and remove the cabin filter. Clean the pollen filter box if required and disinfect it. Set the ventilation system to level 1 and spray the disinfectant into the interior of the vehicle through the air intake opening of the HVAC system. Feed the agent in until the vehicle interior has become visibly filled with mist. Leave the mist to take effect for approx. 1 minute.

6. Next comes the disinfection of the interior (seats, roof liner, footwell), the A/C system's air intake, the dashboard and the side sections. To do so, position the spray pistol in the vehicle interior. Set the blower to the medium setting at approx. 20 °C, open all air nozzles and set the ventilation to circulation mode. It's even more effective to switch through all of the settings. Doing so will feed the aerosol through all flaps and air ducts, allowing it to reach every last corner.



Set up an external power supply for the vehicle electrical system or leave the engine running. Close the doors and leave the door that the ventilation supply hose is fed through propped open in order to prevent too much of the mist from escaping. Open the compressed air supply and let the disinfectant flow in until an obvious saturation/formation of mist is visible inside the vehicle.

7. Now turn the device off and remove the spray pistol. Close the door and let the ventilation run for a further 2-5 minutes.



8. Next, open all doors and the boot in order to briefly air out the vehicle.

9. You may now install new filters in the vehicle.



15:00



10. In just 15 minutes, you have successfully disinfected the A/C system and the vehicle!

Your contact for further information:

info@herthundbuss.com

+49 (0) 6104-608-277

Your Herth+Buss partner:

Herth+Buss Fahrzeugteile GmbH & Co. KG

Dieselstraße 2-4
DE-63150 Heusenstamm

Herth+Buss France SAS

ZA Portes du Vercors, 270 Rue Col de La Chau
FR-26300 Châteauneuf-sur-Isère

Herth+Buss Belgium SRL

Rue de Fisine 9
BE-5590 Achène

Herth+Buss UK Ltd.

Unit 1 Dreadnought Business Park
GB-DY5 4TP Brierley Hill

Herth+Buss Iberica S.L.

C/ Altutzate, 44 (Poligono de Areta)
ES-31620 Huarte Navarra



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