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MAHLE LAO62

MAHLE LAO 62 Cabin Air Filter User Manual

Model: LAO62

1. Product Overview

The MAHLE LAO 62 Cabin Air Filter is designed to provide a cleaner and healthier cabin environment for vehicle occupants. This advanced filter system effectively prevents various airborne contaminants from entering the vehicle's interior through the ventilation system.
Key features of the LAO 62 filter include:

- **Allergen Protection:** Filters out common allergens such as pollen, providing relief for allergy sufferers.
- **Bacteria Protection:** Helps to inhibit the growth and spread of bacteria within the cabin air system.
- **Odor Protection:** Utilizes specialized media to absorb and neutralize unpleasant odors, including exhaust fumes and other environmental smells.
- **Fine Particulate Filtration:** Captures fine dust, soot, and other microscopic particles that can affect air quality.



Figure 1: MAHLE LAO 62 Cabin Air Filter, showing its pleated blue filter media and white frame.

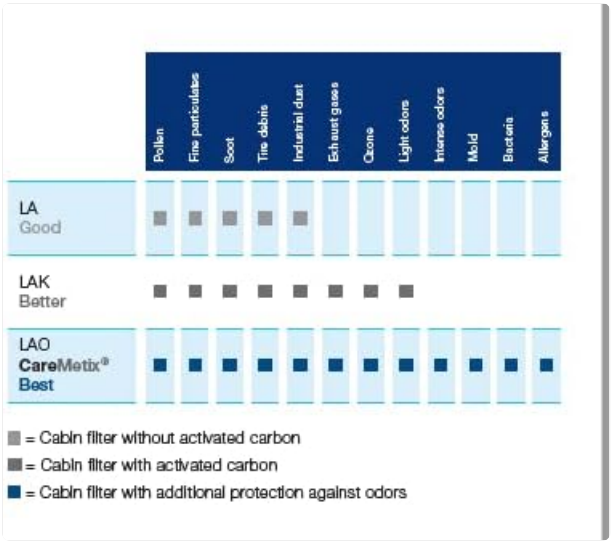


Figure 2: Performance comparison chart illustrating the filtration capabilities of MAHLE LA, LAK, and LAO (CareMetix®) cabin filters. The LAO filter provides the best protection against pollen, fine particulates, soot, tire debris, industrial dust, exhaust gases, ozone, light odors, intense odors, mold, bacteria, and allergens.

2. Installation Instructions

Replacing your cabin air filter is a routine maintenance task that can significantly improve the air quality inside your vehicle. The exact location and procedure for replacing the cabin air filter vary by vehicle make and model. Always consult your vehicle's owner's manual for specific instructions and safety precautions before proceeding.

General Steps:

1. **Locate the Cabin Air Filter:** In most vehicles, the cabin air filter is located behind the glove compartment, under the hood near the windshield, or under the dashboard. Refer to your vehicle's manual for the precise location.
2. **Access the Filter Housing:** This may involve opening or removing the glove compartment, or detaching a cover. Some vehicles may require simple tools like a screwdriver.
3. **Remove the Old Filter:** Carefully pull out the old cabin air filter. Note the direction of the airflow arrow on the old filter, as the new filter must be installed in the same orientation.
4. **Clean the Housing (Optional):** While the housing is open, you may wish to wipe away any dust or debris that has accumulated.
5. **Install the New MAHLE LAO 62 Filter:** Insert the new MAHLE LAO 62 filter into the housing, ensuring the airflow arrow on the filter points in the correct direction (typically towards the vehicle's interior). Ensure it fits snugly without bending or forcing.
6. **Reassemble:** Close the filter housing cover and reattach any components that were removed, such as the glove compartment.

If you are unsure about any step, it is recommended to seek assistance from a qualified automotive technician.

3. Operation and Benefits

Once installed, the MAHLE LAO 62 Cabin Air Filter operates continuously whenever your vehicle's ventilation system is active. Air entering the cabin passes through the multi-layered filter media, which traps harmful particles and neutralizes odors before the air reaches the passenger compartment.
The primary benefits of using the MAHLE LAO 62 filter include:

- Improved indoor air quality for all occupants.

- Reduced exposure to allergens, beneficial for individuals with respiratory sensitivities.
- A more pleasant driving experience due to the reduction of unpleasant smells.
- Protection of the vehicle's HVAC system components from dust and debris buildup.

4. Maintenance and Replacement

To ensure optimal performance and maintain healthy cabin air quality, regular inspection and replacement of your MAHLE LAO 62 Cabin Air Filter are essential. Over time, the filter media will accumulate contaminants, leading to reduced airflow and filtration efficiency.

Recommended Replacement Interval:

- It is generally recommended to replace your cabin air filter every 12,000 to 15,000 miles or once a year, whichever comes first.
- For vehicles frequently driven in dusty environments, areas with high pollen counts, or heavy urban traffic, more frequent replacement may be necessary.
- Consult your vehicle's owner's manual for specific manufacturer recommendations regarding cabin air filter service intervals.

Signs of a Clogged Filter:

- Reduced airflow from the vehicle's vents.
- Persistent unpleasant odors inside the cabin, even with the ventilation system on.
- Increased fan noise as the system struggles to push air through the clogged filter.
- Visible dirt or debris on the filter when inspected.

5. Troubleshooting

If you experience issues with your vehicle's cabin air quality or ventilation system after installing or using the MAHLE LAO 62 filter, consider the following:

Problem	Possible Cause	Solution
Reduced Airflow from Vents	Filter is clogged with debris. Filter installed incorrectly (airflow direction).	Inspect and replace the filter if heavily soiled. Re-install the filter, ensuring the airflow arrow points correctly.
Persistent Unpleasant Odors	Filter is saturated with odors or mold. Odor source is not airborne (e.g., spill in cabin).	Replace the filter. Identify and clean the source of the odor within the vehicle.
Increased Fan Noise	Clogged filter causing the fan to work harder.	Inspect and replace the filter.

If issues persist after troubleshooting, it is advisable to consult a professional automotive service center.

6. Specifications

Attribute	Detail

Attribute	Detail
Brand	MAHLE
Model Number	LAO62
Part Number	LAO 62
Item Weight	6.1 ounces (171.88 Grams)
Product Dimensions	20.87 x 9.49 x 1.18 inches (53.01 x 24.10 x 3.00 cm)
Material	Paper (Filter Media)
Style	Allergen, bacteria and odor protection
Included Components	Cabin air filter
Manufacturer	MAHLE Original

7. Warranty Information

Specific warranty terms for the MAHLE LAO 62 Cabin Air Filter are typically provided at the point of purchase or included with the product packaging. For detailed information regarding warranty coverage, duration, and claims procedures, please refer to the documentation supplied with your filter or visit the official MAHLE website.

8. Customer Support

For further assistance, technical inquiries, or support regarding your MAHLE LAO 62 Cabin Air Filter, please contact MAHLE customer service or visit their official website:
MAHLE Official Website: www.mahle.com
When contacting support, please have your product model number (LAO62) and any relevant purchase information ready.

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