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> Bosch P3955WS Cabin Air Filter Instruction Manual

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Bosch P3955WS Cabin Air Filter Instruction Manual

Model: P3955WS

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1. PRODUCT OVERVIEW

The Bosch P3955WS Cabin Air Filter is designed to enhance the air quality within your vehicle's passenger cabin. It features a multi-layer media filtration system engineered to capture a high percentage of airborne particles, including dirt, dust, pollen, and other environmental contaminants. This advanced filtration helps protect your vehicle's HVAC system and ensures a cleaner, fresher breathing environment for occupants.



Image 1: Bosch P3955WS Cabin Air Filter, showcasing its pleated design.

Key Features:

- **Multi-Layer Media:** Offers a 99 percent efficiency rate at 3 microns or greater in keeping dirt and other particles from entering vehicle heating and air vents.
- **Three Filtration Layers:**
 - *1st Layer:* Non-woven pre-filter layer captures larger particles.
 - *2nd Layer:* Electrostatically charged microfiber layer attracts and holds elusive smaller particles.
 - *3rd Layer:* Non-woven cover layers add stability to protect the microfiber layer from damage and acts as an additional barrier to harmful elements.
- **High Pleat Count:** Provides greater surface area for higher filtration capacity.
- **Foam Perimeter Gasket/Rigid Frame:** Included where specified by Original Equipment (OE) to prevent harmful particles from bypassing the filter media and add stability.

Your browser does not support the video tag.

Video 1: Official Bosch Automotive overview of HEPA Cabin Air Filters, highlighting their benefits for vehicle air quality.

2. INSTALLATION

Replacing your Bosch P3955WS Cabin Air Filter is a straightforward process that can typically be completed without

specialized tools. The filter is commonly located behind the glove compartment in most compatible vehicles. Always refer to your vehicle's owner's manual for specific instructions and diagrams related to your make and model.

General Installation Steps:

1. **Prepare the Vehicle:** Turn off the engine and ensure the vehicle is parked on a level surface.
2. **Access the Glove Compartment:** Open the glove compartment. Depending on your vehicle model, you may need to release retaining clips or a dampener arm to allow the glove compartment to swing down further or be removed entirely.
3. **Locate the Filter Housing:** Behind the glove compartment, you will find a rectangular housing that contains the cabin air filter. This housing typically has clips or tabs that secure its cover.
4. **Remove the Old Filter:** Release the clips or tabs on the filter housing cover and carefully remove the cover. Gently pull out the old cabin air filter. Note the direction of the airflow arrow on the old filter before removal. This is crucial for correct installation of the new filter.
5. **Clean the Housing (Optional):** While the old filter is out, you may wish to clean any debris or dust from inside the filter housing.
6. **Install the New Filter:** Insert the new Bosch P3955WS Cabin Air Filter into the housing, ensuring the airflow arrow on the filter points in the correct direction (typically downwards or towards the rear of the vehicle, matching the direction of the old filter). The filter should slide in smoothly without excessive force.
7. **Reattach the Cover and Glove Compartment:** Secure the filter housing cover by snapping its clips or tabs back into place. Reinstall the glove compartment by reversing the steps taken to remove it, ensuring all clips and dampener arms are correctly reattached.



Image 2: Bosch Workshop Cabin Air Filter, illustrating the filter's structure.

3. MAINTENANCE

Regular maintenance of your Bosch P3955WS Cabin Air Filter is essential for maintaining optimal air quality and the efficiency of your vehicle's HVAC system. The replacement interval can vary based on driving conditions and manufacturer recommendations.

Recommended Maintenance:

- **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, heavy traffic, or areas with high pollen counts, more frequent replacement may be necessary.
- **Inspection:** Periodically inspect the filter for excessive dirt, debris, or discoloration. A heavily soiled filter indicates it's time for replacement.



Image 3: Bosch Workshop Cabin Air Filter, potentially featuring activated carbon for enhanced odor filtration.

4. TROUBLESHOOTING

If you experience issues with your vehicle's cabin air quality or HVAC performance, the cabin air filter may be a contributing factor. Here are some common issues and potential solutions:

Common Issues:

- **Reduced Airflow:** If the airflow from your vents is weaker than usual, the filter might be clogged with debris. *Solution:* Inspect and replace the cabin air filter.
- **Unpleasant Odors:** Musty or stale odors coming from the vents can indicate a dirty filter or moisture buildup. *Solution:* Replace the filter. If odors persist, consult a professional to check for mold or mildew in the HVAC system.
- **Increased Allergies/Respiratory Issues:** If occupants experience increased allergy symptoms or respiratory discomfort inside the vehicle, the filter may be ineffective or overdue for replacement. *Solution:* Replace the filter with a new, high-quality filter like the Bosch P3955WS.
- **Excessive Noise from Blower Motor:** A heavily clogged filter can put strain on the blower motor, leading to unusual noises. *Solution:* Replace the filter to alleviate strain on the motor.

5. SPECIFICATIONS

Attribute	Detail
Brand	Bosch
Part Number	P3955WS
Item Model Number	5424WS
Product Dimensions	11.42"L x 10.24"W x 1.77"Th
Item Weight	6.4 ounces (0.18 Kilograms)
Material	Polyester, Polyurethane
Style	Workshop
Minimum Efficiency Reporting Values (MERV)	80
Compatible Devices	Air Conditioner
UPC	077212245048

6. WARRANTY & SUPPORT

The Bosch P3955WS Cabin Air Filter comes with a warranty as per the contract with Amazon. For specific details regarding warranty coverage, claims, or product support, please refer to your purchase documentation or contact Bosch Automotive customer service directly.

For additional product information or technical assistance, please visit the official Bosch Automotive website or contact their support channels.