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## Wix 42748

# Wix Air Filter 42748 Instruction Manual

Essential guidelines for installation, operation, and maintenance of your Wix Air Filter.

## 1. PRODUCT OVERVIEW

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The Wix Air Filter 42748 is designed to provide superior filtration for your vehicle's engine. It effectively captures harmful particles such as dust, pollen, and debris, preventing them from entering the engine and causing wear. Regular replacement ensures optimal engine performance, fuel efficiency, and longevity.



Image 1: The Wix Air Filter 42748, a cylindrical filter with a mesh exterior and a dark gray rubber seal on one end, designed for engine air intake filtration.

## 2. INSTALLATION INSTRUCTIONS

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### General Guidelines

- Always refer to your vehicle's specific service manual for detailed instructions and safety precautions.
- Ensure the engine is turned off and cool before beginning any work.
- Wear appropriate personal protective equipment, such as gloves and eye protection.

### Step-by-Step Installation

1. **Locate the Air Filter Housing:** The air filter housing is typically a large plastic box located under the hood, connected to the engine's air intake system.
2. **Open the Housing:** Unclip or unscrew the fasteners securing the air filter housing cover. Carefully remove the cover.
3. **Remove the Old Filter:** Take out the old air filter. Note its orientation to ensure the new filter is installed correctly.
4. **Clean the Housing:** Inspect the air filter housing for any debris, leaves, or dust. Clean the interior of the housing with a clean cloth or vacuum if necessary.

5. **Install the New Filter:** Insert the Wix Air Filter 42748 into the housing, ensuring it fits snugly and is oriented correctly. The rubber seal should sit flush within the housing.
6. **Close the Housing:** Replace the air filter housing cover and secure all clips or screws. Ensure the housing is properly sealed to prevent unfiltered air from entering the engine.
7. **Verify Installation:** Double-check all connections and fasteners to ensure they are secure.

### 3. OPERATION

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The Wix Air Filter 42748 operates passively as a critical component of your vehicle's air intake system. Once installed, it continuously filters incoming air, removing contaminants before they reach the engine's combustion chambers. There are no user-controlled operational settings for the air filter itself.

### 4. MAINTENANCE

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Regular maintenance of your air filter is crucial for maintaining engine health and performance.

- **Inspection:** Inspect the air filter every 12,000 to 15,000 miles or as recommended by your vehicle manufacturer. Check for excessive dirt, debris, or damage.
- **Replacement:** Replace the air filter every 15,000 to 30,000 miles, or more frequently if driving in dusty conditions or areas with high air pollution. A dirty air filter can restrict airflow, leading to reduced engine power and decreased fuel efficiency.
- **Cleaning:** Do not attempt to clean a paper air filter by washing or using compressed air, as this can damage the filter media and reduce its effectiveness. Replacement is the recommended maintenance action.

### 5. TROUBLESHOOTING

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If you experience any of the following issues, a clogged or improperly installed air filter may be a contributing factor:

- **Reduced Engine Performance:** A dirty air filter restricts airflow, leading to a lack of power, especially during acceleration.
- **Decreased Fuel Economy:** The engine may consume more fuel to compensate for insufficient air intake.
- **Engine Misfires or Rough Idling:** In severe cases, a heavily clogged filter can cause the engine to run unevenly.
- **Unusual Engine Noises:** A whistling or sucking sound might indicate an improperly sealed air filter housing.

**Solution:** Inspect the air filter for cleanliness and proper installation. Replace the filter if it is dirty or damaged. Ensure the air filter housing is securely closed and sealed.

### 6. PRODUCT SPECIFICATIONS

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Specification	Detail
Brand	Wix

Specification	Detail
Model Number	42748
Product Type	Engine Air Filter
Item Weight	2 pounds
Product Dimensions	8.1 x 8.1 x 6.3 inches
Item Package Quantity	1
Automotive Fit Type	Vehicle Specific Fit

## 7. WARRANTY AND SUPPORT

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Wix products are manufactured to high-quality standards. For specific warranty information regarding your Wix Air Filter 42748, please refer to the packaging or the official Wix website. In most cases, manufacturer warranties cover defects in materials and workmanship.

For technical support, product inquiries, or warranty claims, please visit the official Wix Filters website or contact their customer service department directly. You can find contact information and additional resources at: [www.wixfilters.com](http://www.wixfilters.com)