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› Wix Air Filter Panel - Model 46390 User Manual

Wix 46390

Wix Air Filter Panel - Model 46390 User Manual

Your guide to installation, maintenance, and optimal performance.

1. INTRODUCTION

This user manual provides essential information for the proper installation, operation, and maintenance of your **Wix Air Filter Panel, Model 46390**. Designed for automotive applications, this air filter is engineered to provide superior filtration, protecting your engine from harmful contaminants and ensuring optimal performance. Please read this manual thoroughly before installation to ensure correct usage and longevity of the product.

2. PRODUCT OVERVIEW

The Wix Air Filter Panel 46390 is a high-quality replacement air filter designed to meet or exceed OEM specifications. It is a critical component in your vehicle's air intake system, preventing dust, pollen, and other airborne particles from entering the engine.



Image 1: Wix 46390 Air Filter Panel. A rectangular air filter panel featuring a vibrant red frame and a light-colored, finely woven mesh filter media. The filter media is visible through the frame, indicating its primary function in air purification.

Key Features:

- **Air Filter Panel:** Specifically designed as a panel-style air filter.
- **Compact Dimensions:** Item package dimensions are approximately 11.59 inches (L) x 7.0 inches (W) x 1.8 inches (H).
- **Lightweight:** Weighs approximately 0.5 pounds.
- **Quantity:** Each package contains one (1) air filter panel.
- **Product Type:** Classified as an automotive part, ensuring compatibility with specified vehicles.

3. SETUP AND INSTALLATION

Installing the Wix Air Filter Panel 46390 is a straightforward process, typically requiring basic hand tools. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions before beginning any work.

General Installation Steps:

1. **Locate the Air Filter Housing:** The air filter housing is usually found under the hood, connected to the engine's air intake system.
2. **Open the Housing:** Depending on your vehicle model, this may involve unclipping latches, unscrewing fasteners, or removing clamps.
3. **Remove the Old Filter:** Carefully lift out the old, dirty air filter. Note its orientation for correct installation of the new filter.
4. **Clean the Housing:** Wipe down the inside of the air filter housing to remove any accumulated dust or debris.

- 5. **Insert the New Filter:** Place the Wix 46390 Air Filter Panel into the housing, ensuring it sits flush and is oriented correctly. Do not force the filter into place.
- 6. **Secure the Housing:** Close the air filter housing, re-engaging all clips, screws, or clamps. Ensure it is securely sealed to prevent unfiltered air from entering the engine.
- 7. **Verify Installation:** Double-check all connections and ensure no tools or loose items are left in the engine bay.

Important: This air filter is designed for a vehicle-specific fit. Ensure compatibility with your vehicle's make, model, and year before purchase and installation.

4. OPERATING PRINCIPLES

The Wix Air Filter Panel 46390 operates passively as a critical component of your vehicle's engine air intake system. Its primary function is to filter incoming air before it reaches the engine's combustion chambers. By trapping harmful particles such as dust, dirt, pollen, and debris, the filter ensures that only clean air is supplied to the engine. This process is continuous whenever the engine is running, contributing to efficient combustion and protecting internal engine components from abrasive wear.

5. MAINTENANCE

Regular maintenance of your air filter is crucial for maintaining engine performance and fuel efficiency. The Wix Air Filter Panel 46390 is a disposable component and should not be cleaned or reused.

Recommended Maintenance Schedule:

- **Inspection:** Inspect your air filter every 12,000 to 15,000 miles or annually, whichever comes first. More frequent inspection may be necessary if you drive in dusty conditions or areas with high air pollution.
- **Replacement:** Replace the air filter according to your vehicle manufacturer's recommendations, typically every 15,000 to 30,000 miles, or when it appears visibly dirty or clogged. A dirty filter can restrict airflow, leading to decreased engine performance and increased fuel consumption.

Note: A visual inspection can often indicate the need for replacement. If the filter media appears dark, heavily soiled, or clogged with debris, it is time for a new filter.

6. TROUBLESHOOTING

While the air filter itself is a passive component, issues related to a dirty or improperly installed filter can manifest as vehicle performance problems.

Symptom	Possible Cause	Solution
Reduced Engine Performance (e.g., sluggish acceleration)	Clogged or dirty air filter restricting airflow to the engine.	Inspect and replace the air filter if necessary.
Decreased Fuel Efficiency	Engine working harder due to restricted airflow from a dirty filter.	Inspect and replace the air filter.
Engine Misfires or Rough Idling	Severely clogged filter causing an improper air-fuel mixture.	Replace the air filter immediately.
Unusual Engine Noises	Improperly installed air filter housing allowing unfiltered air or vibrations.	Re-check air filter installation and ensure housing is securely sealed.

If symptoms persist after replacing the air filter, consult a qualified automotive technician.

7. SPECIFICATIONS

Detailed specifications for the Wix Air Filter Panel 46390:

- Brand:** Wix
- Model:** Air Filter
- Item Model Number:** 46390
- OEM Part Number:** 46390
- Manufacturer Part Number:** 46390
- Manufacturer:** Wix
- UPC:** 765809463905
- Global Trade Identification Number (GTIN):** 00765809463905
- Automotive Fit Type:** Vehicle Specific Fit
- Item Weight:** 8 ounces (0.5 pounds)
- Product Dimensions:** 7 x 1.75 x 1.73 inches
- National Stock Number (NSN):** 2940-01-445-7422
- ASIN:** B000C9Y0SC
- Date First Available:** November 11, 2005

8. WARRANTY AND SUPPORT

For detailed information regarding the warranty coverage for your Wix Air Filter Panel 46390, please refer to the official Wix Filters website or contact their customer service directly. Warranty terms and conditions may vary.

If you require technical assistance or have questions about product compatibility, please visit the [Wix Filters official website](#) or contact their customer support channels. Ensure you have your product model number (46390) and any relevant vehicle information ready when seeking support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question