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Wix 46474

WIX Radial Seal Outer Air Filter User Manual

Model: 46474

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your WIX Radial Seal Outer Air Filter, Model 46474. Please read this manual thoroughly before installation to ensure optimal performance and longevity of the product.

Product Overview

The WIX 46474 is a high-quality radial seal outer air filter designed for heavy-duty applications, specifically noted for use with Caterpillar Equipment (outer used with 46475). It is engineered to provide superior filtration, protecting your engine from harmful contaminants and ensuring efficient operation.



Figure 1: Front view of the WIX 46474 Radial Seal Outer Air Filter. This image shows the cylindrical filter with a black rubber seal on one end and a metal mesh exterior.



Figure 2: Two WIX air filters, one lying horizontally showing the radial seal, and another standing vertically showing the top handle and mesh exterior. This illustrates the typical appearance of the filter and its companion.

Safety Information

Always follow safety precautions when working with vehicle components. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection. Ensure the engine is off and cooled down before attempting any installation or maintenance.

Setup and Installation

Proper installation is crucial for the air filter's effectiveness. Refer to your vehicle or equipment's service manual for specific instructions regarding air filter housing access and removal procedures.

1. **Locate the Air Filter Housing:** Identify the air filter housing in your vehicle or equipment. This is typically a large plastic or metal box connected to the engine's air intake system.
2. **Open the Housing:** Unlatch or unbolt the air filter housing cover.
3. **Remove Old Filter:** Carefully remove the old air filter. Note its orientation for correct installation of the new filter.
4. **Clean Housing:** Inspect the inside of the air filter housing for any debris, dust, or leaves. Clean thoroughly with a damp cloth if necessary, ensuring no foreign objects remain.
5. **Install New Filter:** Insert the WIX 46474 Radial Seal Outer Air Filter into the housing, ensuring the radial seal is properly seated to prevent unfiltered air from bypassing the filter. The filter should fit snugly.
6. **Secure Housing:** Close and secure the air filter housing cover, ensuring all latches or bolts are fastened correctly.
7. **Verify Fit:** Double-check that the housing is sealed and the filter is securely in place.

Note: *This filter is designed as an outer filter and is often used in conjunction with an inner filter (e.g., WIX 46475) in dual-stage filtration systems. Ensure both filters are correctly installed if applicable to your system.*

Operating Considerations

Once installed, the WIX 46474 air filter operates passively as part of your engine's air intake system. No specific user operation is required beyond proper installation and regular maintenance checks.

- Ensure the air intake system is free from obstructions.
- Monitor engine performance for any signs of restricted airflow, which may indicate a clogged filter.

Maintenance

Regular maintenance of your air filter is essential for engine longevity and efficiency. The frequency of replacement depends on operating conditions and manufacturer recommendations.

- **Inspection:** Periodically inspect the air filter for signs of excessive dirt, debris, or damage. A visual inspection can often indicate if a replacement is needed.
- **Replacement Schedule:** Follow the vehicle or equipment manufacturer's recommended service intervals for air filter replacement. In dusty or harsh environments, more frequent replacement may be necessary.
- **Cleaning:** Air filters are generally not designed to be cleaned. Attempting to clean a dirty air filter can damage the filtration media and reduce its effectiveness. Always replace with a new filter.

Troubleshooting

If you experience issues related to engine performance that might be linked to the air filter, consider the following:

Symptom	Possible Cause	Solution
Reduced Engine Power / Poor Fuel Economy	Clogged or dirty air filter.	Inspect and replace the air filter if necessary.
Engine Misfires / Rough Idling	Severely restricted airflow due to a very dirty filter.	Replace the air filter immediately.
Visible Dirt in Air Intake System	Improperly seated filter or damaged filter media.	Re-install the filter ensuring a proper seal, or replace if damaged.

If troubleshooting steps do not resolve the issue, consult a qualified mechanic or refer to your equipment's service manual.

Specifications

Attribute	Value
Brand	Wix
Model Number	46474
Product Type	Engine Air Filter
Dimensions (L x W x H)	14.29" x 10.69" x 10.69"
Item Weight	4.55 Pounds (Package Weight)
OEM Part Number	46474
UPC	765809464742
Automotive Fit Type	Vehicle Specific Fit
Compatibility	Caterpillar Equipment (Outer used w/46475)

Warranty Information

WIX Filters products are manufactured to high standards and are warranted against defects in material and workmanship. For specific warranty terms and conditions, please refer to the official WIX Filters website or contact their customer support. Keep your purchase receipt as proof of purchase.

Customer Support

For technical assistance, product inquiries, or warranty claims, please contact WIX Filters customer support through their official channels. Visit the WIX Filters website for contact information and additional resources.
Website: www.wixfilters.com
Note: Specific contact details may vary by region.

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