

Wix 33957

WIX Filters 33957 In-Line Fuel Filter User Manual

Model: 33957

1. PRODUCT OVERVIEW

The WIX Filters 33957 is an in-line fuel filter designed to provide superior filtration for various automotive, diesel, agricultural, industrial, and specialty applications. It is engineered to protect your engine's fuel system components from contaminants, ensuring optimal performance and longevity.

Key Features:

- Integrated gaskets for a secure seal.
- Provides enhanced fuel cleaning performance.
- Designed for quick and easy filter replacements.
- Highly durable and reliable construction.
- Reduces the risk of improper gasket installation.



Figure 1: WIX Filters 33957 In-Line Fuel Filter. This image displays the cylindrical metal fuel filter with its integrated mounting bracket and two fuel line connection points.

2. INSTALLATION GUIDE

Proper installation is crucial for the safe and effective operation of your WIX fuel filter. It is highly recommended that installation be performed by a qualified mechanic or technician. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions.

General Installation Steps:

1. **Safety First:** Ensure the engine is off and cool. Disconnect the negative terminal of the vehicle's battery. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
2. **Relieve Fuel System Pressure:** Consult your vehicle's service manual for the correct procedure to safely relieve fuel system pressure. This is a critical step to prevent fuel spray and potential fire hazards.
3. **Locate and Access Filter:** Identify the location of the existing in-line fuel filter. This is typically found along the fuel line, often underneath the vehicle or in the engine bay. You may need to lift the vehicle safely using jack stands.
4. **Prepare for Fuel Spillage:** Place a drain pan or absorbent rags beneath the filter to catch any residual fuel that may spill during removal.
5. **Disconnect Fuel Lines:** Carefully disconnect the fuel lines from the old filter. Use appropriate fuel line disconnect tools if necessary. Be mindful of retaining clips or quick-connect fittings.
6. **Remove Old Filter:** Unmount the old fuel filter from its bracket or mounting points.
7. **Install New Filter:** Orient the new WIX 33957 filter correctly, noting any flow direction arrows. Securely mount the new filter into its bracket.
8. **Reconnect Fuel Lines:** Reconnect the fuel lines to the new filter, ensuring all connections are tight and secure. Verify that integrated gaskets are properly seated.
9. **Check for Leaks:** Reconnect the battery. Turn the ignition to the 'ON' position (without starting the engine) for a few seconds to allow the fuel pump to prime the system. Check for any fuel leaks around the new filter connections. Repeat priming if necessary.
10. **Start Engine:** Start the engine and allow it to run for a few minutes. Re-check for any leaks.

If you are unsure about any step, please consult a professional mechanic.

3. OPERATING PRINCIPLES

The WIX 33957 In-Line Fuel Filter operates by trapping contaminants such as dirt, rust, and other debris from the fuel before it reaches sensitive engine components like the fuel injectors and fuel pump. Fuel enters one end of the filter, passes through a specialized filtration media, and exits the other end, clean and ready for combustion. This process prevents clogging, wear, and damage to the fuel system, ensuring consistent fuel delivery and engine performance.

4. MAINTENANCE AND REPLACEMENT

Fuel filters are wear items and require periodic replacement to maintain optimal fuel system health. Over time, the filter media will accumulate contaminants, leading to reduced fuel flow and potential engine issues.

Replacement Intervals:

- Consult your vehicle's owner's manual or service schedule for the manufacturer's recommended fuel filter

replacement interval.

- Typical replacement intervals can range from every 15,000 to 30,000 miles (24,000 to 48,000 km), or every 1 to 2 years, depending on driving conditions and fuel quality.
- If you frequently drive in dusty environments or use lower quality fuel, more frequent replacement may be necessary.

Replacing the fuel filter at recommended intervals helps prevent fuel system blockages, maintains fuel efficiency, and extends the life of your fuel pump and injectors.

5. TROUBLESHOOTING

A clogged or failing fuel filter can manifest in several ways. If you experience any of the following symptoms, consider inspecting or replacing your fuel filter:

- **Engine Sputtering or Misfiring:** Especially noticeable at higher speeds or under acceleration, indicating insufficient fuel delivery.
- **Hard Starting:** The engine cranks but struggles to start, or takes longer than usual to fire up.
- **Reduced Engine Power:** A noticeable decrease in acceleration or overall engine performance.
- **Engine Stalling:** The engine may stall unexpectedly, particularly at idle or low speeds.
- **Check Engine Light:** In some modern vehicles, a severely restricted fuel filter can trigger a diagnostic trouble code and illuminate the check engine light.
- **Poor Fuel Economy:** While less common, a restricted filter can sometimes indirectly affect fuel efficiency.

If troubleshooting these issues does not resolve the problem, or if you are unsure of the cause, it is advisable to seek professional automotive diagnostic services.

6. TECHNICAL SPECIFICATIONS

Specification	Value
Manufacturer	Wix
Brand	Wix
Model	33957
Product Weight	227 g (0.5 lbs)
Product Dimensions	11.68 x 11.68 x 15.49 cm (4.6 x 4.6 x 6.1 inches)
Product Model Number	33957
Manufacturer Part Number	33957
OEM Part Number	33957
Assembly Required	No

Specification	Value
Automotive Service Type	In Line
Style	In-Line
Global Trade Item Number (GTIN)	00765809339576

7. WARRANTY AND SUPPORT

WIX Filters products are manufactured to high-quality standards. For specific warranty information regarding the WIX Filters 33957 In-Line Fuel Filter, please refer to the warranty documentation included with your purchase or visit the official WIX Filters website. For technical support, product inquiries, or assistance with installation, please contact WIX Filters customer service directly through their official channels.

WIX Filters Official Website: www.wixfilters.com

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Name

Anonymous

Email

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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

