

Wix 33122

Wix Filters - 33122 Heavy Duty Spin-On Fuel Filter User Manual

Brand: Wix

1. PRODUCT OVERVIEW

The Wix 33122 Heavy Duty Spin-On Fuel Filter is designed to protect your vehicle's fuel system components from contaminants that may be present in the fuel. This filter ensures clean fuel delivery to the engine, contributing to optimal performance and longevity of fuel system parts. It is constructed from corrosion-resistant materials for long-lasting durability and features built-in gaskets for a secure fit.

2. KEY FEATURES

- Designed to protect fuel system components from contaminants that may be present in the fuel.
- Made from corrosion resistant material for long lasting durability.
- Features built-in gaskets and reduces the possibility of misinstalled cover gaskets.
- Long life and the possibility of extended service interval.
- Facilitates hassle-free installation.
- Vehicle Specific Fit.

3. SPECIFICATIONS

Attribute	Value
Brand	Wix
Model	33122 (Fuel Filter)
Outer Material	Metal
Vehicle Service Type	Vehicle Specific
Item Weight	0.9 Pounds (14.4 ounces)

Attribute	Value
Style	Heavy Duty
Product Dimensions	4.06 x 4.13 x 4.61 inches
UPC	765809331228
Country of Origin	China

4. WHAT'S IN THE BOX

- 1 x Wix 33122 Heavy Duty Spin-On Fuel Filter

5. INSTALLATION INSTRUCTIONS

- Important Safety Note:** Always ensure the engine is off and cool before beginning any maintenance. Disconnect the battery's negative terminal. Fuel systems are under pressure and contain flammable liquids. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves. Have a fire extinguisher nearby. Refer to your vehicle's service manual for specific procedures and torque specifications.
1. **Preparation:** Locate the existing fuel filter. Place a drain pan underneath to catch any spilled fuel.
 2. **Remove Old Filter:** Carefully loosen and remove the old fuel filter. Be prepared for fuel spillage.
 3. **Gasket Check:** Ensure the old gasket is completely removed from the filter base. A common mistake is leaving the old gasket, which can lead to leaks.
 4. **Lubricate New Gasket:** Lightly lubricate the new gasket on the Wix 33122 filter with clean diesel fuel or engine oil. This helps ensure a proper seal and prevents damage during installation.
 5. **Install New Filter:** Thread the new Wix 33122 fuel filter onto the filter base. Hand-tighten until the gasket makes firm contact with the base.
 6. **Final Tightening:** Tighten the filter an additional 1/2 to 3/4 turn past hand-tight, or as specified by your engine manufacturer's service manual. **Do not overtighten.**
 7. **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. Start the engine and re-check for leaks.



This image displays two views of the Wix 33122 Heavy Duty Spin-On Fuel Filter. On the right, the filter is shown upright, featuring the 'WIX FILTERS' logo and '33122 FUEL FILTER' text prominently. On the left, the filter is tilted, revealing its top surface with the central threaded opening and multiple smaller holes, surrounded by a black rubber gasket. The side of this tilted filter also shows printed installation instructions.

6. OPERATION

Once installed, the Wix 33122 fuel filter operates continuously as part of your vehicle's fuel delivery system. It filters out harmful particles, rust, dirt, and other contaminants from the fuel before it reaches sensitive engine components like the fuel injectors or carburetor. This ensures a clean fuel supply, which is critical for efficient combustion, optimal engine performance, and preventing damage to the fuel system.

7. MAINTENANCE

Regular replacement of the fuel filter is crucial for maintaining the health of your vehicle's fuel system and engine. The service interval for the Wix 33122 fuel filter will vary depending on your vehicle's manufacturer recommendations, fuel

quality, and operating conditions. It is generally recommended to replace fuel filters every 15,000 to 30,000 miles, or as part of your vehicle's scheduled maintenance. Consult your vehicle's owner's manual for precise maintenance schedules.

8. TROUBLESHOOTING

If you experience any of the following symptoms after fuel filter replacement or during normal operation, it may indicate an issue with the fuel filter or fuel system:

- **Engine Stalling or Misfiring:** A clogged fuel filter can restrict fuel flow, leading to an insufficient supply to the engine.
- **Reduced Engine Performance:** Sluggish acceleration, loss of power, or rough idling can be symptoms of a restricted fuel filter.
- **Difficulty Starting:** If the engine cranks but struggles to start, especially after sitting for a while, a faulty fuel filter might be the cause.
- **Fuel Leaks:** Immediately check for leaks around the filter if you smell fuel or see drips. This could indicate improper installation or a damaged gasket.

If you encounter these issues, first re-check the installation for proper seating and tightness. If symptoms persist, it is recommended to consult a qualified mechanic for diagnosis and repair.

9. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling fuel and automotive components.
- Fuel is highly flammable. Work in a well-ventilated area away from open flames, sparks, or other ignition sources.
- Ensure the engine is cool and depressurized before working on the fuel system.
- Dispose of old filters and contaminated fuel/rags according to local environmental regulations.
- Keep out of reach of children.

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