Notonmek 6667352

Notonmek Fuel Filter Instruction Manual

Model: 6667352

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Notonmek Fuel Filter, Part Number 6667352. Designed for various Bobcat skid-steer loaders and excavators, this filter ensures clean fuel delivery to your engine, promoting optimal performance and longevity. Please read this manual thoroughly before installation and use.

Product Overview

The Notonmek Fuel Filter (Part Number 6667352) is a high-quality replacement component designed to effectively remove contaminants from your vehicle's fuel system. It is crucial for protecting sensitive engine components from damage caused by dirt, rust, and other particles found in fuel.



Figure 1: Two Notonmek Fuel Filters, Part Number 6667352. These filters are designed for efficient fuel filtration in compatible Bobcat machinery.

Compatibility

This fuel filter is compatible with a wide range of Bobcat models, including but not limited to:

- **Skid-Steer Loaders:** S70, S100, S130, S150, S160, S175, S185, S205, S220, S250, S300, S330, S450, S510, S530, S550, S570, S590, S630, S650, S750, S770, S850, A220, A300, A770
- **Compact Track Loaders:** T110, T140, T180, T190, T200, T250, T300, T320, T550
- **Excavators:** 319, 320, 321, 322, 323, 325, 328, 331, 337, 341, 425, 428, 435, E08, E10, E14, E16, E17, E19, E20, E25, E26, E32, E45, E50, E55

Setup and Installation

Proper installation is critical for the fuel filter's performance and the longevity of your engine. Always refer to your Bobcat machine's service manual for specific instructions and safety precautions. The following steps provide a general guide for replacing the fuel filter.



Figure 2: Fuel filter dimensions and visual instructions for replacement. Dimensions are approximately 3 1/2 inches (77.58 mm) in height and 3 3/5 inches (92.37 mm) in width.

Replacement Procedure (Service Only With Part No. 6667352)

1. **Preparation:** Ensure the engine is off and cool. Locate the fuel filter housing. Place a drain pan underneath to catch any spilled fuel.
2. **Drain Filter:** Carefully open the drain valve or plug on the bottom of the filter to drain the fuel into the pan. (Refer to Figure 2, step 1: "DRAIN FILTER DAILY" icon).
3. **Remove Old Filter:** Unscrew the old fuel filter from its housing. Be prepared for residual fuel to spill. (Refer to Figure 2, step 2: filter removal icon).
4. **Clean Housing:** Clean the filter housing and sealing surface thoroughly to remove any debris.
5. **Lubricate Gasket:** Apply a thin film of clean diesel fuel or engine oil to the new filter's gasket. (Refer to Figure 2, step 3: gasket lubrication icon).
6. **Install New Filter:** Screw the new filter onto the housing until the gasket makes contact. Then, tighten it an additional 3/4 to 1 full turn by hand, or as specified by your machine's manual. Do not overtighten. (Refer to Figure 2, step 4: filter installation icon).
7. **Fill Filter:** If applicable, pre-fill the new filter with clean fuel before installation to aid in priming the system.
8. **Prime System:** After installation, prime the fuel system according to your Bobcat machine's manual to remove any air. This usually involves cycling the ignition or using a hand primer pump. (Refer to Figure 2, step 5: priming icon).
9. **Check for Leaks:** Start the engine and check for any fuel leaks around the new filter. Run the engine for a few minutes to ensure proper operation. (Refer to Figure 2, step 6: engine running/check icon).

Operating Principles

The fuel filter operates by trapping contaminants present in the fuel before they reach the engine's fuel injection system. Fuel enters the filter, passes through a specialized filtration medium, and then exits as clean fuel. This process is continuous during engine operation. A clean fuel filter is essential for maintaining proper fuel flow, engine power, and preventing damage to fuel injectors and pumps.

Maintenance

Regular maintenance of your fuel filter is crucial for the health of your Bobcat machinery. A clogged fuel filter can lead to reduced engine performance, difficulty starting, and potential damage to the fuel system.

Recommended Maintenance Schedule:

- **Daily:** Drain any accumulated water or sediment from the fuel filter's water separator (if equipped). This is indicated by the "DRAIN FILTER DAILY" instruction on the filter itself (see Figure 2).
- **Regular Intervals:** Replace the fuel filter at the intervals recommended in your Bobcat machine's operator's manual. This typically ranges from 250 to 500 operating hours, or annually, whichever comes first.
- **As Needed:** Replace the filter immediately if you notice signs of fuel starvation, reduced engine power, or excessive black smoke from the exhaust, as these can indicate a clogged filter.

Always use genuine or high-quality aftermarket replacement filters like the Notonmek Part Number 6667352 to ensure proper fit and filtration efficiency.

Troubleshooting

If you experience issues related to fuel delivery, the fuel filter is often a primary suspect. Here are some common problems and potential solutions:

Problem	Possible Cause	Solution
Engine loses power or stalls	Clogged fuel filter, air in fuel system	Replace fuel filter, bleed air from fuel system
Difficulty starting engine	Clogged fuel filter, fuel system not primed	Replace fuel filter, prime fuel system
Fuel leaks around filter	Improperly installed filter, damaged gasket	Ensure filter is tightened correctly, replace filter if gasket is damaged
Excessive exhaust smoke	Restricted fuel flow due to clogged filter	Replace fuel filter

If these steps do not resolve the issue, consult a qualified mechanic or your Bobcat service center.

Specifications

Attribute	Detail
Part Number	6667352
Brand	Notonmek

Attribute	Detail
Product Grade	Replacement Part
Item Weight	1.52 pounds (approx. 0.69 kg)
Package Dimensions	8.43 x 3.46 x 3.23 inches (approx. 21.4 x 8.8 x 8.2 cm)
UPC	720455746130
Manufacturer	Notonmek
Vehicle Service Type	Passenger Car (*Note: Also widely used in Bobcat heavy machinery as indicated by compatibility list*)

Warranty and Support

Specific warranty details for this Notonmek product are typically provided at the point of purchase or on the product packaging. Please retain your proof of purchase for any warranty claims.
For technical support or inquiries regarding this fuel filter, please contact the seller, Notonmek Parts, or refer to their official website for contact information. Always provide the part number (6667352) and your machine's model information when seeking support.

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