NAPA 7182

Napa Gold 7182 Oil Filter User Manual

Brand: NAPA
Model: 7182

Product Overview

The Napa Gold 7182 is a high-quality spin-on oil filter designed for various heavy-duty applications. It serves as a direct cross-reference to the Wix 57182 filter, ensuring compatibility and reliable performance for your engine's lubrication system.

Key Features

- Our HD Oil Filters Feature a Cellulose/Poly Media w/ Contaminant Holding Capacity That Out Performs Many of Our Top Competitors
- 10 Micron filtration capability for superior oil cleanliness
- Compatible with Apache, Case, Cummins B Series Engines, Freightliner, Komatsu, and other heavy-duty vehicles.

Installation Guide

Proper installation of your Napa Gold 7182 oil filter is crucial for optimal engine performance and longevity. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions.

1. **Preparation:** Ensure the engine is cool. Place a drain pan beneath the oil filter to catch any residual oil.
2. **Remove Old Filter:** Carefully unscrew the old oil filter using an oil filter wrench. Be prepared for oil to drain out.
3. **Clean Mounting Surface:** Wipe the engine's filter mounting surface clean with a rag, ensuring no old gasket material remains.
4. **Lubricate New Gasket:** Apply a thin film of clean engine oil to the rubber gasket of the new Napa Gold 7182 filter. This helps ensure a proper seal.
5. **Install New Filter:** Screw the new filter onto the engine by hand until the gasket makes contact with the mounting surface. Then, tighten it an additional 3/4 to 1 full turn, or as specified by your vehicle's manual. Do not overtighten.
6. **Check for Leaks:** Start the engine and check for any oil leaks around the new filter. Turn off the engine and recheck the oil level, adding more if necessary.



Image: Front view of the Napa Gold 7182 Oil Filter, showing the brand and model number.



Image: Bottom view of the Napa Gold 7182 Oil Filter, highlighting the gasket and internal components.

Operation and Function

The Napa Gold 7182 oil filter is designed to remove contaminants from engine oil, ensuring clean oil circulates through the engine. This process is vital for protecting engine components from wear and tear caused by dirt, metal particles, and other debris that accumulate during engine operation.

The filter utilizes a cellulose/poly media, engineered to provide a high contaminant holding capacity. With a 10-micron rating, it effectively captures even fine particles, contributing to extended engine life and maintaining optimal lubrication.

Maintenance and Replacement

Regular oil filter replacement is a critical part of routine vehicle maintenance. The frequency of replacement depends on your vehicle's manufacturer recommendations, driving conditions, and the type of oil used. Generally, it is recommended to replace the oil filter every time you change your engine oil.

Failure to replace the oil filter at recommended intervals can lead to a clogged filter, which may restrict oil flow to the engine, potentially causing severe engine damage. Always use a quality replacement filter like the Napa Gold 7182 to ensure continued protection.

Troubleshooting

While the Napa Gold 7182 oil filter is designed for reliable performance, certain issues can arise during or after installation. Here are some common troubleshooting tips:

- **Oil Leaks After Installation:**
  - Ensure the old gasket was completely removed from the engine block.
  - Verify the new filter's gasket was properly lubricated with oil before installation.
  - Check if the filter was tightened correctly (hand-tight plus 3/4 to 1 full turn). Overtightening or undertightening can cause leaks.
  - Inspect the filter for any visible damage or defects.
- **Low Oil Pressure Warning:**
  - Ensure the oil level is correct after changing the filter.
  - A severely clogged filter (if not replaced regularly) can restrict oil flow, leading to low pressure. Replace the filter immediately if suspected.
- **Filter Does Not Fit:**
  - Double-check that you have the correct filter model (Napa Gold 7182) for your specific vehicle application. Refer to your vehicle's manual or a reliable parts catalog.

If issues persist, consult a certified mechanic or refer to your vehicle's service manual for further diagnosis.

Technical Specifications

Specification	Value
Brand	NAPA
Model Number	7182
Material	Paper (Cellulose/Poly Media)
Product Grade	Performance Part
Vehicle Service Type	Bus (and other heavy-duty applications)
Item Dimensions (L x W x H)	6 x 6 x 2 inches
Item Weight	2.5 Pounds
Manufacturer	Napa
Number of Items	1
UPC	765809180185
Filter O.D.	3.67 in. (93 mm)
Flow Rate	18 gpm
Gasket I.D.	2.459 in. (62 mm)
Gasket O.D.	2.829 in. (72 mm)
Height	6.94 in. (176 mm)
Micron Rating	10
Style	Spin-On Oil Filter
Thread Size	1 1/8-16 in.

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