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NAPA 1334

Napa Gold 1334 Oil Filter User Manual

Comprehensive guide for installation, maintenance, and specifications.

Product Overview

The Napa Gold 1334 Oil Filter is a high-quality spin-on oil filter designed to provide excellent engine protection. It is engineered to trap and hold contaminants effectively, ensuring clean oil circulation for optimal engine performance and longevity. This filter is a cross-reference to Wix 51334.
Key features include:

- Glass Enhanced Cellulose Media: Traps and holds 50% more contaminants than traditional economy filters.
- By-Pass Relief Valve: Features an 8-11 Lb. by-pass relief valve.
- Engine Protection: Provides excellent engine protection with conventional, synthetic, or synthetic-blended motor oils.
- Silicone Anti-Drain Back Valve: Will not harden or become brittle, offering greater value and protection over standard nitrile valves.
- High Efficiency: Traps up to 50% more dirt and contaminants than ProSelect filters, with optimal capacity and efficiency for severe conditions.

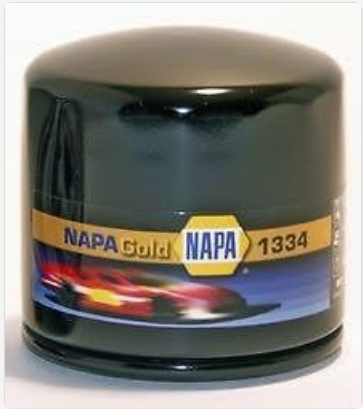


Image: Front view of the Napa Gold 1334 Oil Filter, showing the NAPA Gold branding and model number 1334.

Setup and Installation

Proper installation of the oil filter is crucial for effective engine protection and to prevent oil leaks. Always refer to your vehicle's service manual for specific instructions and torque specifications.

1. **Preparation:** Ensure the engine is cool. Place a drain pan under the oil pan. Locate the oil drain plug and the old oil filter.
2. **Drain Old Oil:** Remove the oil drain plug and allow all the old engine oil to drain completely. Once drained, replace the drain plug and tighten it to the manufacturer's specifications.
3. **Remove Old Filter:** Use an oil filter wrench to loosen and remove the old oil filter. Be prepared for some oil to spill from the filter. Dispose of the old filter and oil responsibly.
4. **Prepare New Filter:** Apply a thin film of new engine oil to the gasket of the Napa Gold 1334 Oil Filter. This helps ensure a proper seal.
5. **Install New Filter:** Carefully screw the new filter onto the engine by hand. Once the gasket makes contact with the engine block, tighten the filter according to the vehicle manufacturer's specifications, typically 3/4 to 1 full turn after gasket contact. **Do not overtighten.**
6. **Refill Engine Oil:** Add the recommended type and amount of new engine oil to your vehicle's engine.
7. **Check for Leaks:** Start the engine and let it run for a few minutes. Check for any oil leaks around the new filter and the drain plug. Turn off the engine and recheck the oil level, adding more if necessary.



Image: Bottom view of the Napa Gold 1334 Oil Filter, highlighting the gasket and threaded opening for installation.

Operating Principles

The Napa Gold 1334 Oil Filter functions by continuously filtering engine oil as it circulates through the engine. The filter media traps harmful contaminants such as dirt, metal particles, and sludge, preventing them from causing wear and damage to engine components. The silicone anti-drain back valve ensures that oil remains in the filter when the engine is off, preventing dry starts and reducing engine wear upon ignition.
The by-pass relief valve is a safety feature that opens if the filter becomes clogged or if oil viscosity is too high (e.g., during cold starts). This ensures that oil continues to flow to the engine, even if unfiltered, to prevent engine starvation. While this mechanism protects the engine from oil starvation, it is critical to replace the filter at recommended intervals to ensure continuous filtration.

Maintenance

Regular replacement of your oil filter is essential for maintaining engine health and longevity. The Napa Gold 1334 Oil Filter is designed for use with manufacturer OE recommended oil change intervals.

- **Replacement Schedule:** Always follow your vehicle manufacturer's recommended oil and filter change intervals. These intervals can vary based on vehicle model, driving conditions (normal vs. severe), and the type of oil used (conventional, synthetic blend, or full synthetic).
- **Severe Driving Conditions:** If you frequently drive in severe conditions (e.g., stop-and-go traffic, dirt roads, extreme temperatures, short trips, heavy towing), more frequent oil and filter changes may be necessary.
- **Oil Type:** This filter is compatible with conventional, synthetic, and synthetic-blended motor oils. Ensure you use the

oil type specified by your vehicle manufacturer.
- **Disposal:** Always dispose of used oil filters and engine oil responsibly at an authorized recycling center.

Troubleshooting

While the Napa Gold 1334 Oil Filter is designed for reliable performance, issues can occasionally arise. Here are common troubleshooting steps:

Problem	Possible Cause	Solution
Oil Leak from Filter Area	◦ Gasket not properly seated or damaged. ◦ Filter not tightened sufficiently. ◦ Old gasket stuck on engine block. ◦ Filter overtightened, damaging gasket or housing.	◦ Remove filter, inspect gasket for damage, ensure old gasket is removed from engine block. Reinstall with new oil on gasket, tighten correctly. ◦ Ensure proper torque.
Low Oil Pressure Light On	◦ Insufficient oil level. ◦ Incorrect filter type. ◦ Severely clogged filter (unlikely for new filter).	◦ Check oil level and add oil if low. ◦ Verify filter is the correct model for your vehicle. ◦ If persistent, consult a qualified mechanic.
Difficulty Removing Filter	◦ Filter overtightened during previous installation. ◦ Filter seized due to corrosion or long use.	◦ Use appropriate oil filter wrench. ◦ For stubborn filters, specialized tools or professional assistance may be required.

If you encounter issues not covered here or if problems persist, it is recommended to consult a certified automotive technician.

Specifications

Detailed specifications for the Napa Gold 1334 Oil Filter:

- **Brand:** NAPA
- **Model Number:** 1334
- **Material:** Silicone (for anti-drain back valve)
- **Product Grade:** Performance Part
- **Vehicle Service Type:** Car, Truck, Sports Utility Vehicle
- **Item Dimensions (L x W x H):** 6 x 6 x 2 inches
- **Outside Diameter:** 3.15 Inches (83 mm)
- **Thread Size:** M16 x 1.5 (or 20x1.5 mm)
- **OEM Part Number:** 1334
- **Manufacturer:** Wix (for NAPA Gold)

- **Number of Items:** 1
- **UPC:** 765809138117
- **Item Weight:** 12 ounces
- **Special Features:**
  - Beta Ratio: 2/20=6/20
  - Burst Pressure: 280 psi
  - Flow Rate: 9 - 11 gpm
  - Gasket I.D.: 2.01 in. (51 mm)
  - Gasket Material: Nitrile
  - Gasket O.D.: 2.49 in. (63 mm)
  - Height: 3.194 in. (81 mm)
  - Media Type: Glass Enhanced Cellulose
  - Micron Rating: 21
  - Style: Spin-On Oil Filter

Warranty and Support

Specific warranty information for the Napa Gold 1334 Oil Filter is typically provided at the point of purchase or through the official NAPA website. For detailed warranty terms and conditions, please refer to the documentation included with your purchase or contact NAPA customer support directly.

For technical support or further inquiries, please visit the official NAPA website or contact their customer service department. Always ensure you have your product details, including the model number (1334), ready when seeking support.

This manual is for informational purposes only and does not replace professional automotive advice.

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