# Fram ph8170 cross reference

**fram ph8170 cross reference**: Your Comprehensive Guide to Finding the Right Replacement Filter When it comes to maintaining optimal engine performance and ensuring your vehicle runs smoothly, choosing the correct oil filter is crucial. The FRAM PH8170 cross reference is a common query among car owners and mechanics seeking compatible alternatives for the renowned FRAM PH8170 oil filter. This article provides an in-depth overview of the FRAM PH8170, its specifications, compatible cross references, and tips on selecting the best replacement filter for your vehicle.

## Understanding the FRAM PH8170 Oil Filter

### Overview of the FRAM PH8170

The FRAM PH8170 is a high-quality oil filter designed to provide excellent engine protection by effectively trapping dirt, debris, and other contaminants. It is part of FRAM’s line of durable filters built for a range of automotive applications, particularly for light trucks, SUVs, and passenger vehicles. Key features include: - Advanced filter media for superior dirt-holding capacity - Synthetic blend media for increased efficiency - Durable steel baseplate for strength and reliability - Anti-drain back valve to prevent oil leakage during shutdown - Premium silicone anti-drain back valve for longevity

### Applications and Compatibility

The FRAM PH8170 is compatible with various vehicles, especially those requiring a 3/4-inch-16 thread size, with a height of approximately 3.00 inches and an outer diameter of about 3.15 inches. It is mainly used in: - Certain Honda models - Some Toyota vehicles - Other light trucks and SUVs However, it's essential to consult your vehicle's owner manual or a trusted mechanic to verify compatibility before purchasing.

## Why Cross-Reference the FRAM PH8170?

Cross-referencing allows you to find alternative oil filters that meet or exceed the specifications of the FRAM PH8170. Reasons to seek cross references include: - Availability: The original filter may be out of stock or discontinued. - Price considerations: Some alternatives may offer cost savings. - Brand preferences: Choosing a different reputable brand. - Specific vehicle requirements: Certain models may have recommended alternatives.

## Common Cross References for the FRAM PH8170

Identifying suitable cross-reference filters involves comparing specifications such as thread size, filter height, diameter, and filtration media. Here are some popular alternatives:

### 1. Bosch 3300 Premium Oil Filter

- Thread Size: 3/4-16 UNC - Height: 3.00 inches - Outer Diameter: 3.15 inches - Features: Advanced synthetic media, silicone anti-drain back valve, high dirt-holding capacity - Compatibility: Many Honda, Toyota, and other Asian vehicle models

### 2. Wix 51334 Oil Filter

- Thread Size: 3/4-16 - Height: 3.00 inches - Outer Diameter: 3.15 inches - Features: Microfiber media, metal end caps, reinforced center tube - Compatibility: Broad vehicle range, including Honda and Toyota

## 3. Purolator L14476 PureONE Oil Filter

- Thread Size: 3/4-16 - Height: 3.00 inches - Outer Diameter: 3.15 inches - Features: High-efficiency synthetic media, silicone anti-drain back valve - Compatibility: Compatible with numerous Asian and domestic vehicles

## 4. Motorcraft FL-910S

- Thread Size: 3/4-16 - Height: 3.00 inches - Outer Diameter: 3.15 inches - Features: Multi-layered synthetic media, durable construction - Compatibility: Ford, Lincoln, Mercury vehicles, and some Asian models

# How to Confirm Cross-Reference Compatibility

When selecting a cross reference filter, consider the following factors:

1. **Thread Size:** Must match your vehicle's specifications, typically 3/4-16 UNC for many models.
2. **Filter Dimensions:** Height and diameter should be similar to ensure proper fit.
3. **Filtration Media:** Synthetic media generally offers better filtration and longevity.
4. **Anti-Drain Back Valve:** Essential for preventing oil leakage, especially in cold starts.
5. **Brand Reputation:** Opt for trusted brands known for quality and durability.

Consult your vehicle's owner manual or the manufacturer’s specifications to verify these details before purchasing an alternative filter.

# Benefits of Using the Correct Cross Reference

Choosing an appropriate cross reference for the FRAM PH8170 offers several benefits: - Ensures proper fit and seal: Prevents leaks and ensures effective filtration. - Maintains engine health: Proper filtration prolongs engine life by preventing contaminants. - Optimizes performance: Clean oil improves fuel efficiency and engine responsiveness. - Cost-effectiveness: Finding compatible, affordable alternatives without sacrificing quality. - Availability: Easier access to substitutes when original filters are unavailable.

# Tips for Maintaining Your Oil Filter and Engine

To maximize the lifespan of your oil filter and keep your engine running smoothly, follow these best practices:

1. **Change oil and filter regularly:** Follow manufacturer recommendations, typically every 3,000 to 5,000 miles.
2. **Use quality filters:** Opt for reputable brands and verified cross references.
3. **Check for leaks after replacement:** Ensure the filter is properly installed and sealed.
4. **Monitor engine performance:** Address any unusual noises or oil pressure drops promptly.
5. **Keep records:** Maintain a log of oil changes for future reference and vehicle maintenance planning.

# Conclusion

The fram ph8170 cross reference is an essential search for vehicle owners seeking compatible oil filters that match the performance and quality standards of the original. Whether you opt for Bosch 3300, Wix 51334, Purolator L14476, or Motorcraft FL-910S, ensure the specifications align with your vehicle’s requirements. Proper selection and timely replacement of your oil filter can significantly impact engine health, efficiency, and longevity. Always verify compatibility through your vehicle’s manual or consult a professional mechanic to ensure you choose the best cross-reference for your specific make and model. By doing so, you safeguard your engine and maintain peak performance with ease and confidence.

fram ph8170 cross reference is a topic of significant interest for automotive enthusiasts, mechanics, and vehicle owners who seek reliable and compatible oil filters for their engines. The FRAM PH8170 is a popular model, known for its durability,

efficiency, and affordability. However, understanding its cross-reference options is crucial for those looking to replace or upgrade their filters without compromising performance. This detailed review explores everything you need to know about the fram ph8170 cross reference, including its specifications, compatible alternatives, and practical considerations for choosing the right filter.

## Overview of the FRAM PH8170 Oil Filter

**The FRAM PH8170 is a high-quality oil filter designed primarily for use in various vehicles, including trucks, SUVs, and passenger cars. It is engineered to provide superior filtration, protecting your engine from dirt, debris, and harmful contaminants that can cause wear and tear over time. Key Features of the FRAM PH8170 - Filtration Efficiency: Designed to trap small particles and prevent them from circulating in the engine oil. - Durability: Built with high-quality materials that withstand high pressure and temperature conditions. - Compatibility: Suitable for a variety of vehicle makes and models, especially those requiring a 3/4-inch diameter threaded connection. Technical Specifications - Dimensions: Approximate height of 3.6 inches and a diameter of about 3.2 inches. - Filter Media: Synthetic blend media that offers improved flow rates and filtration capacity. - Thread Size: 3/4-inch -16 UNF, making it compatible with many vehicle oil filter mounts. - Part Number: PH8170, manufactured by FRAM, a well-known brand in automotive filtration.**

## Understanding Cross Reference for FRAM PH8170

**Cross referencing is the process of finding alternative oil filters that fit the same specifications and meet similar**

**performance standards as the original. For the FRAM PH8170, this means identifying filters from other brands or models that share dimensions, thread sizes, filtration media, and compatibility with vehicle engines. Why Cross Reference Matters - Availability: Sometimes, the original filter may be out of stock or discontinued, making cross-reference essential. - Cost Efficiency: Alternative brands may offer similar quality at lower prices. - Performance Matching: Ensuring the replacement filter provides comparable filtration efficiency and durability. How to Find Cross References - Manufacturer's Cross-Reference Guides: Many brands publish cross-reference tables. - Online Databases: Websites like Wix, NAPA, or Bosch provide cross-reference tools. - Automotive Forums and Communities: Experienced users often share compatible alternatives. - Part Number Compatibility: Comparing part numbers across brands to identify matches.**

**Common Cross Reference Alternatives to FRAM PH8170**

**Numerous brands manufacture oil filters compatible with the FRAM PH8170 specifications. Here are some notable cross-reference options: 1. Bosch 3330 Premium Oil Filter - Features: Multi-layered filter media, high filtration efficiency. - Compatibility: Fits many vehicles requiring a 3/4-inch threaded oil filter similar to PH8170. - Pros: - Excellent filtration capacity - Durable construction - Good flow rates 2. WIX 51334 Spin-On Oil Filter - Features: Advanced synthetic media, high dirt-trapping efficiency. - Compatibility: Suitable as a replacement for PH8170 in compatible vehicles. - Pros: -**

**Long-lasting performance - Reliable sealing - Easy to install 3. Purolator L35221 - Features: Synthetic blend media, high dirt-holding capacity. - Compatibility: Comparable in size and threading. - Pros: - Good filtration efficiency - Cost-effective - Trusted brand 4. Motorcraft FL-910S - Features: High-quality filtration, designed for Ford vehicles but compatible elsewhere. - Compatibility: Similar dimensions and thread size. - Pros: - OEM quality - Proven durability - Efficient oil flow 5. K&N HP-1008 - Features: High-performance synthetic media, reusable design. - Compatibility: Fits many vehicles with similar specifications. - Pros: - Reusable and washable - High flow rate - Superior filtration**

**Factors to Consider When Choosing a Cross Reference**

**Selecting the right cross-reference oil filter involves more than matching part numbers. Here are essential factors to ensure optimal performance: Compatibility with Your Vehicle - Confirm the filter's thread size, diameter, height, and mounting style. - Check your vehicle’s owner manual for specifications. Filtration Efficiency - Look for filters with high dirt-holding capacity and filtration media quality. - Synthetic media generally offer better performance compared to cellulose. Durability and Build Quality - Opt for filters made with high-quality materials that withstand engine heat and pressure. - Consider the brand's reputation for reliability. Cost and Availability - Balance cost with quality; cheaper filters may compromise performance. - Choose brands with good availability in your region. Environmental Considerations**

**- Reusable filters like K&N can be more eco-friendly. - Ensure proper disposal of used filters.**

**Benefits of Using Cross-Reference Oil Filters**

**Switching to a compatible cross-reference filter provides several advantages: - Cost Savings: Often cheaper than OEM or original filters. - Wider Selection: Access to a broader range of brands and features. - Maintained Performance: When chosen correctly, cross-references can match or surpass original specifications. - Flexibility: Easier to find replacements in remote areas or during emergencies.**

**Potential Drawbacks and Precautions**

**While cross-referencing offers benefits, there are some considerations: Risks of Mismatched Filters - Using a filter with incompatible dimensions or thread sizes can lead to leaks or engine damage. - Ensure the filter's specifications strictly match the original. Quality Variability - Not all aftermarket filters meet the same standards; always choose reputable brands. - Read reviews and product specifications carefully. Warranty Implications - Check if using a cross-reference filter affects your vehicle's warranty. - OEM filters might be preferred for warranty purposes.**

**Conclusion and Recommendations**

**The fram ph8170 cross reference offers a wealth of options for vehicle owners seeking reliable, cost-effective, and high-performance oil filters. Understanding the specifications and**

**compatibility factors is crucial for making informed choices that protect your engine and extend its lifespan. Summary of key points: - The FRAM PH8170 is a trusted oil filter with specific size and threading standards. - Numerous reputable brands like Bosch, WIX, Purolator, and Motorcraft offer compatible filters. - Always verify dimensions, thread size, and filtration media when selecting a cross-reference. - Prioritize quality and brand reputation to ensure engine protection. - Cross-referencing can lead to savings and increased options but requires careful selection. Final advice: Before replacing your oil filter with an alternative to the FRAM PH8170, consult your vehicle's manual, verify specifications, and choose reputable brands. Proper maintenance with the right filter can significantly improve engine performance and longevity, making cross-referencing a valuable tool in your automotive care arsenal. If you want to ensure the best fit and performance, consider consulting with a professional mechanic or automotive specialist. Keeping your engine properly filtered and maintained is essential for reliable operation and cost-effective vehicle ownership.**

**Access to Fram Ph8170 Cross Reference has quietly reshaped how people relate to written knowledge. Reading is no longer confined to fixed schedules or specific places. Instead, it adapts to personal routines, individual curiosity, and changing priorities.**

**What stands out most is control. Readers decide when to start, where to pause, and which parts deserve more**

**attention. This sense of control often leads to better focus and stronger retention, especially when dealing with complex or layered material.**

**Unlike traditional reading habits that demand long, uninterrupted sessions, downloadable books support flexible engagement. A chapter can be explored briefly, revisited later, and reflected upon over time. Understanding develops gradually, shaped by repetition rather than pressure.**

**The reliability of PDF format reinforces this experience. Layout, diagrams, and references remain intact across devices. Readers encounter the same structure each time, allowing ideas to feel familiar and easier to navigate. This stability is particularly valuable for academic, instructional, and reference-based content.**

**Interaction further deepens involvement. Highlighting key passages or writing marginal notes turns reading into an active process. Over time, the book reflects the reader’s evolving understanding, capturing insights that may not surface during a single reading.**

**Search functionality adds practical value. Readers do not need to rely on memory alone. Important sections can be located instantly, making the book useful both for study and quick consultation. This efficiency encourages repeated use rather than one-time consumption.**

**Legitimate platforms play a vital role in maintaining quality and trust. Libraries, open-access repositories, and academic institutions provide carefully curated collections. By relying on these sources, readers ensure accuracy while supporting responsible distribution.**

**Affordability expands opportunity. When financial barriers are reduced, exploration increases. Readers are more willing to engage with unfamiliar subjects, discover new perspectives, and broaden their intellectual range without hesitation.**

**For students, this access supports consistent learning habits. Materials remain available beyond classroom hours, allowing concepts to be reinforced at a comfortable pace. Notes and highlights stay organized, helping structure revision and review.**

**Professionals use downloadable books differently. They approach them as tools rather than assignments. Sections are consulted as needed, insights applied directly, and references revisited when challenges arise. Learning integrates naturally into work routines.**

**Personal development also benefits. Reading becomes less about completion and more about reflection. Ideas are allowed to linger, connect, and mature. Over time, this leads to a deeper relationship with the subject matter.**

**Accessibility features quietly increase inclusivity. Adjustable**

**display options and reading assistance tools ensure that more people can engage comfortably. Knowledge becomes easier to approach without drawing attention to limitations.**

**Organization supports continuity. A personal library grows alongside interests, preserving progress and context. Returning to a familiar book feels seamless, even after long breaks.**

**There is also a shift in mindset. When access is consistent, learning feels less urgent and more intentional. Readers engage because they want to, not because they must.**

**Global availability further enriches the experience. People from different backgrounds interact with the same material, bringing diverse interpretations and insights. This shared access strengthens the collective value of knowledge.**

**Over time, books stop feeling temporary. They remain available as references, reminders, and sources of renewed understanding. The relationship extends beyond a single reading session.**

**Downloading Fram Ph8170 Cross Reference supports this evolving relationship. It respects how people learn, adapt, and revisit ideas. The book remains present without demanding attention, ready whenever curiosity returns.**

**What develops is not just familiarity with content, but**

**confidence in learning itself. The reader knows that understanding can grow gradually, shaped by patience and repeated engagement.**

**And in that steady rhythm—open, pause, return—knowledge finds its place naturally.**

## Questions & Answers About fram ph8170 cross reference

| No | Question | Answer |
|---|---|---|
| 1 | What is the Fram PH8170 cross reference for other filter brands? | The Fram PH8170 is commonly cross-referenced with filters like the Wix 57070, Baldwin B140, Carquest 85370, and NAPA 13670, among others. Always verify compatibility with your vehicle's specifications. |
| 2 | How do I find the correct cross reference for the Fram PH8170? | You can consult manufacturer cross-reference charts, online filter databases, or automotive parts stores to find compatible filters. Providing your vehicle details ensures accurate matching. |
| 3 | Is the Fram PH8170 compatible with all vehicle makes and models? | No, the Fram PH8170 is designed for specific applications. Always check your vehicle’s owner manual or consult with a parts specialist to confirm compatibility. |
| 4 | What are the key specifications of the Fram PH8170 that help in cross-referencing? | Key specifications include filter dimensions, thread size, and filtering capacity. Comparing these details with other filters ensures proper fit and performance. |
| 5 | Can I use a different cross-reference filter if the Fram PH8170 is unavailable? | Yes, you can use a compatible alternative if it matches the required specifications and is approved for your vehicle. Always verify the cross-reference before installation. |
| 6 | Where can I find a reliable cross-reference chart for Fram filters? | Reliable sources include the official Fram website, automotive parts retailer websites, and trusted online forums dedicated to vehicle maintenance. |
| 7 | Are there any common issues when using a cross-referenced filter for the Fram PH8170? | Common issues include improper fit, reduced filtration efficiency, or compatibility problems. Always double-check specifications and consult professionals if unsure. |
| 8 | How often should I replace the filter cross-referenced to the Fram PH8170? | Follow your vehicle manufacturer’s recommended maintenance schedule, typically every 3,000 to 5,000 miles, or as specified for the specific filter used. |

fram ph8170, fram filter, ph8170 cross, filter replacement, oil filter, fram oil filter, ph8170 specifications, fram filter part number, oil filter cross reference, engine oil filter

# Fram Ph8170 Cross Reference eBook

# Resource

Fram Ph8170 Cross Reference eBooks provide structured digital knowledge.

## Core Discussion

Digital books help readers maintain productivity.

## Practical Use

Fram Ph8170 Cross Reference eBooks support consistent study routines.

## Conclusion

Digital reading improves access to information.

Digital learning with Fram Ph8170 Cross Reference eBooks reduces reliance on fragmented external resources.

Accessibility across age groups and experience levels enhances inclusivity.

Anchored knowledge supports adaptability.

Readers can easily search within Fram Ph8170 Cross Reference eBooks, reducing time spent locating specific information.

Fram Ph8170 Cross Reference eBooks help bridge the gap between theory and practice through structured explanations.

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Readers can study Fram Ph8170 Cross Reference at their own pace, revisiting complex sections while skipping familiar topics to optimize learning efficiency and personal relevance.

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Modern learners increasingly value flexibility, immediacy, and control over how they access educational materials.

This ensures learning continuity in low-connectivity situations.

For educators, Fram Ph8170 Cross Reference eBooks provide a reliable medium to distribute standardized learning materials consistently.

Centralized content improves trust and reliability.

Fram Ph8170 Cross Reference eBooks align with sustainable learning practices.

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Digital formats ensure identical learning materials for all participants.

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Extended focus improves comprehension and retention.

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Methodical study improves mastery.

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The structured chapters of Fram Ph8170 Cross Reference eBooks guide readers through progressive learning stages.

Readers use Fram Ph8170 Cross Reference eBooks to revisit core principles.

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**Sharing and Collaboration**

Sharing and collaboration are increasingly important aspects of how Fram Ph8170 Cross Reference is used in modern digital environments. Whether for academic study, professional projects, or group learning, the ability to share content responsibly and collaborate effectively enhances understanding and productivity. However, it is essential that sharing practices always comply with legal and ethical standards, particularly regarding copyright and licensing.

When sharing Fram Ph8170 Cross Reference with peers, users should ensure that the copy being shared is legally permitted for distribution. Public domain works, open-access materials, or files explicitly licensed for sharing can be distributed freely. For paid or copyrighted editions, sharing should be limited to official links, publisher platforms, or access methods allowed by the license. Respecting copyright protects creators and ensures the continued availability of high-quality content.

Collaborative annotation is one of the most valuable features of digital documents. Using cloud-based PDF readers or note-sharing applications, multiple users can highlight text, add comments, and discuss specific sections of Fram Ph8170 Cross Reference in real time or asynchronously. This approach is particularly effective for study groups, research teams, and classroom environments, where shared insights deepen comprehension and encourage critical discussion.

Cloud platforms enable version consistency across collaborators. When everyone accesses the same file stored online, updates and annotations remain synchronized, reducing confusion and duplication. Clear communication about annotation conventions—such as color coding or labeling comments—further improves collaboration and keeps discussions organized.

**Best practices for collaborative use**

To ensure smooth collaboration, users should define roles and expectations in advance. Establishing guidelines for who can edit, comment, or view the document prevents accidental changes or conflicts. Regular reviews of shared annotations help

maintain clarity and ensure that discussions remain focused and productive.

**Finding Updates**

Staying informed about updates to Fram Ph8170 Cross Reference is essential for users who rely on accurate and current information. Unlike printed books, digital editions can be revised and updated without requiring a full reprint. Publishers may release corrected versions, expanded content, or supplemental materials that enhance the value of the original work.

Checking official publisher websites is the most reliable way to find updates. Publishers often announce new editions, revisions, or errata directly on their platforms. Subscribing to newsletters or update notifications ensures that users are alerted when new versions become available.

Digital marketplaces and eBook platforms may also provide update notifications. Some services automatically update purchased digital copies, while others allow users to download revised editions manually. Understanding how a particular platform handles updates helps users maintain the most current version of Fram Ph8170 Cross Reference.

In academic and professional contexts, using the latest edition is particularly important. Updated versions may include revised data, corrected errors, or new chapters that reflect recent developments. Relying on outdated information can lead to inaccuracies in research, teaching, or decision-making.

**Managing multiple editions**

When multiple editions of Fram Ph8170 Cross Reference are available, proper version management becomes crucial. Clearly labeling files with edition numbers or publication dates prevents confusion and ensures that references remain consistent. Archiving older versions separately allows users to retain historical context without cluttering active working files.

**Device Flexibility**

One of the greatest advantages of digital Fram Ph8170 Cross Reference is device flexibility. Users can access content across a wide range of devices, including smartphones, tablets, laptops, desktops, and dedicated e-readers. This flexibility supports learning and productivity in various environments, from classrooms and offices to travel and home settings.

Mobile devices offer convenience and portability, making it easy to read Fram Ph8170 Cross Reference on the go. Tablets provide a larger screen for comfortable reading and annotation, while computers offer advanced tools for research, editing, and multitasking. Dedicated e-readers deliver a distraction-free experience with long battery life and eye-friendly displays.

Format compatibility plays a key role in device flexibility. PDFs are widely supported across platforms, ensuring consistent formatting. ePub formats adapt to different screen sizes and allow customizable text settings. If a device does not support a particular format, conversion tools can bridge the gap and enable access without sacrificing usability.

Synchronizing progress across devices enhances continuity. Cloud-based reading apps often track bookmarks, highlights, and notes, allowing users to resume reading exactly where they left off. This seamless transition between devices improves efficiency and reduces friction in daily workflows.

**Optimizing cross-device experiences**

To maximize device flexibility, users should keep reading applications updated and ensure that files are properly synced. Testing Fram Ph8170 Cross Reference on multiple devices helps identify formatting or compatibility issues early, preventing disruptions during critical use.

**Security and access control across devices**

Accessing Fram Ph8170 Cross Reference on multiple devices also requires attention to security. Using secure accounts, strong passwords, and trusted networks protects files from unauthorized access. Logging out of shared or public devices prevents accidental exposure of personal or proprietary information.

Encryption and secure cloud storage further enhance protection. Many platforms offer built-in security features that

safeguard files while allowing convenient access across devices. Understanding and configuring these options helps balance accessibility with data protection.

**Collaborative learning across platforms**

Device flexibility supports collaboration by allowing participants to contribute using their preferred hardware. A student on a tablet, a researcher on a laptop, and a reviewer on a smartphone can all engage with Fram Ph8170 Cross Reference simultaneously. This inclusivity enhances participation and ensures that collaboration is not limited by device constraints.

**Long-term usability and adaptability**

As technology evolves, device flexibility ensures that Fram Ph8170 Cross Reference remains usable across new platforms and operating systems. Choosing widely supported formats and maintaining updated software extends the lifespan of digital content and protects long-term investments in learning and research materials.

**Final thoughts on sharing, updates, and device flexibility of Fram Ph8170 Cross Reference**

Effective sharing and collaboration, awareness of updates, and flexible device access significantly enhance the value of Fram Ph8170 Cross Reference. By sharing responsibly, collaborating thoughtfully, staying current with revisions, and leveraging cross-device compatibility, users can fully integrate Fram Ph8170 Cross Reference into modern digital workflows. These practices support ethical use, accurate knowledge, and seamless access, making Fram Ph8170 Cross Reference a powerful resource for individual and collective growth.