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mobil one oil filter cross reference guide

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Mobil One Oil Filter Cross Reference Guide: The Complete Resource for Every Vehicle Owner

When it comes to maintaining your vehicle's engine, the oil filter is one of the most crucial components that often gets overlooked. A clogged or incompatible filter can lead to reduced engine performance, increased wear, and even costly repairs. For anyone who has ever struggled to find the right Mobil One oil filter for a specific make or model, the search can feel like a maze of part numbers, codes, and confusing cross references.

That's why we've compiled a comprehensive, user friendly Mobil One oil filter cross reference guide. Whether you're a seasoned mechanic, a DIY enthusiast, or simply a car owner looking to keep your vehicle running smoothly, this article will walk you through everything you need to know about Mobil One filters, how to use cross reference tables, and how to make the best choice for your engine.

In this guide, we'll cover:

- What Mobil One oil filters are and why they matter
- The importance of cross referencing filter part numbers
- Step by step instructions on how to use a cross reference guide
- Detailed Mobil One filter tables for a range of popular vehicles
- Tips for selecting the right filter and avoiding common mistakes
- Where to buy Mobil One filters and how to keep your engine healthy

Let's dive in and make sure your engine gets the clean, reliable filtration it deserves.

What is a Mobil One Oil Filter?

Mobil One is a brand of high performance oil filters manufactured by ExxonMobil. These filters are designed to remove contaminants such as dirt, metal particles, and sludge from engine oil, protecting internal components and extending the life of the engine. Mobil One filters are known for their advanced filtration technology, including:

- Multi stage filtration that captures particles as small as 5 microns
- Durable filter media that resists clogging and maintains pressure drop
- Compatibility with a wide range of gasoline, diesel, and heavy duty engines

Because Mobil One offers a broad range of filter styles—such as standard, high flow, and specialty filters—finding the exact part that matches your vehicle's specifications can be challenging without a reliable cross reference guide.

The Importance of Cross Referencing Filters

Every vehicle manufacturer specifies a particular oil filter part number that is guaranteed to fit and perform optimally. However, OEMs often change part numbers over the life of a model, and aftermarket suppliers may use alternative codes. A cross reference guide bridges the gap between OEM part numbers, aftermarket equivalents, and Mobil One's catalog numbers.

Using a cross reference table ensures that:

- You avoid purchasing an incompatible filter that may not fit or could damage the engine
- You get the correct filtration capacity for your engine's oil volume and pressure requirements
- You can confidently replace a filter with a Mobil One equivalent, often at a lower cost without sacrificing quality

In short, a Mobil One oil filter cross reference guide is the key to accurate, cost effective, and reliable filter replacement.

How to Use a Cross Reference Guide

While the concept is simple, many people still find cross reference tables confusing. Follow these clear steps to make the most of your Mobil One oil filter cross reference guide:

1. Identify your vehicle's exact make, model, year, and engine type. Check the owner's manual or the engine compartment for a stamped part number.
2. Locate the OEM oil filter part number. This is usually found on the filter itself or listed in the service manual.
3. Open the Mobil One cross reference table. It may be in a PDF, online database, or printed catalog.
4. Match the OEM number to the Mobil One equivalent. The table will list the OEM code on one column and the corresponding Mobil One part number on another.
5. Verify the filter's specifications. Check the filter's oil capacity, flow rate, and dimensions to ensure they match your engine's requirements.
6. Purchase the Mobil One filter. Use the part number from the cross reference to order from a reputable supplier.
7. Install the filter following the manufacturer's recommended procedure and replace the oil at the same time if needed.

By following these steps, you'll avoid costly mistakes and ensure your engine receives the best filtration possible.

Mobil One Oil Filter Cross Reference Guide

Below is a curated selection of Mobil One oil filter cross reference tables for some of the most popular vehicles in the United States and Canada. These tables include the OEM part number, the Mobil One equivalent, and key specifications such as filter capacity and size. Use them as a starting point, but always double check with the vehicle's service manual or an authorized dealer.

1. Passenger Cars

- Ford F Series (2009 2023)

OEM: 00G-10-100-1
- Mobil One: 0C0-00-000-1
- Filter Capacity: 6.5 /L (1.7 /gal)
- Flow Rate: 6.7 /L/min

- OEM: 00G-10-100-2
- Mobil One: 0C0-00-000-2
- Filter Capacity: 6.0 /L (1.6 /gal)
- Flow Rate: 6.5 /L/min

- OEM: 00G-10-200-1
- Mobil One: 0C0-00-200-1
- Filter Capacity: 5.0 /L (1.3 /gal)
- Flow Rate: 5.8 /L/min

2. Light Commercial Vehicles

- Ford Transit (2016 2023)

OEM: 00G-20-300-1
- Mobil One: 0C0-00-300-1
- Filter Capacity: 8.0 /L (2.1 /gal)
- Flow Rate: 7.5 /L/min

- OEM: 00G-20-400-1
- Mobil One: 0C0-00-400-1
- Filter Capacity: 9.0 /L (2.4 /gal)
- Flow Rate: 8.0 /L/min

3. Heavy Duty Trucks

- Volvo FH (2018 2023)

OEM: 00G-30-500-1
- Mobil One: 0C0-00-500-1
- Filter Capacity: 10.5 /L (2.8 /gal)
- Flow Rate: 9.0 /L/min

- OEM: 00G-30-600-1
- Mobil One: 0C0-00-600-1
- Filter Capacity: 11.0 /L (2.9 /gal)
- Flow Rate: 9.5 /L/min

Note: The part numbers listed above are for illustration purposes and may not reflect current catalog values. Always verify with the latest Mobil One product data sheet or the vehicle's service manual.

Tips for Choosing the Right Mobil One Oil Filter

Choosing the correct Mobil One oil filter involves more than just matching part numbers. Consider the following factors to ensure optimal performance:

- Engine Type and Size: Diesel engines often require filters with higher pressure tolerance and larger capacities compared to gasoline engines.
- Operating Conditions: Heavy duty or off road vehicles may need high flow or specialty filters that handle extreme temperatures and contaminants.
- Manufacturer Recommendations: Always follow the OEM's suggested oil filter type and oil grade. Mobil One offers a range of filter designs—standard, high flow, and specialty—to meet these recommendations.
- Filter Life: Some filters are engineered for extended intervals (e.g., 10,000 /km or 12 /months). Check the filter's rating and compare it with your maintenance schedule.
- Price vs. Quality: While aftermarket filters can be cheaper, they may not match Mobil One's filtration performance. Use the cross reference guide to find the best balance.

Common Mistakes When Selecting Oil Filters

Even seasoned mechanics can fall into these pitfalls. Avoid them by double checking each step:

1. Assuming All Filters Are Interchangeable: Not all filters fit every engine. Even minor dimensional differences can cause leaks or improper sealing.

2. Ignoring OEM Codes: OEM part numbers are the most reliable indicator of fitment. Skipping them can lead to mismatched filters.

3. Using the Wrong Oil Capacity: Always match the filter's oil capacity to the engine's requirement. Using a filter with too little capacity can lead to oil starvation.

4. Overlooking Filter Life: Do not replace filters more often than necessary. Over replacement wastes money and can shorten filter life if the oil is not changed.

5. Skipping the Cross Reference Step: Never buy a filter solely based on brand or price. Use the Mobil One oil filter cross reference guide to confirm fitment.

Where to Buy Mobil One Filters

Purchasing the correct Mobil One filter is just as important as selecting it. Here are trusted sources:

- Authorized Dealers: Dealerships guarantee OEM compatibility and offer warranties.
- Reputable Online Retailers: Websites such as Amazon, RockAuto, and MobilOne's official online store provide detailed product listings and user reviews.
- Auto Parts Stores: Chains like AutoZone, O'Reilly Auto Parts, and NAPA carry a wide selection of Mobil One filters.
- Direct from Mobil One: Ordering through Mobil One's official portal ensures you receive the latest part numbers and technical support.

Tips for Online Purchases

- Always enter the Mobil One part number from the cross reference guide.
- Check the seller's rating and return policy.
- Verify the filter's specifications against your vehicle's requirements.
- Look for bundle deals that include oil and filter for a full maintenance package.

Maintenance and Replacement Schedule

Adhering to a consistent oil filter replacement schedule protects your engine and maintains optimal performance. Mobil One filters typically recommend the following intervals, but always check your vehicle's owner's manual:

- Every 5,000 /km (3,000 /mi) or 3 /months: Standard gasoline engines.

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