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› Mann Filter H601/4 Oil Filter Element User Manual

Mann Filter H601/4

Mann Filter H601/4 Oil Filter Element User Manual

Brand: Mann Filter | Model: H601/4

1. INTRODUCTION

This user manual provides essential information for the proper use, installation, and maintenance of your Mann Filter H601/4 Oil Filter Element. Please read this manual thoroughly before installation and retain it for future reference. This oil filter element is designed to ensure optimal filtration for compatible vehicle systems, protecting your engine from contaminants.

2. PRODUCT OVERVIEW

The Mann Filter H601/4 is a high-quality replacement oil filter element designed for various automotive applications. It is constructed from durable paper material, engineered to effectively remove impurities from engine oil, thereby contributing to engine longevity and performance.



Figure 2.1: Front view of the Mann Filter H601/4 Oil Filter Element, showing its cylindrical shape and perforated metal casing.



Figure 2.2: The Mann Filter H601/4 Oil Filter Element alongside its distinctive green and yellow Mann Filter packaging box.

3. COMPATIBILITY

The Mann Filter H601/4 Oil Filter Element is compatible with a range of vehicles. Please verify your vehicle's specific requirements before purchase and installation. Known compatible models include:

- **CHEVROLET:**
 - 10 S;rie Pick-up 3.9 (D): HP 90
 - 20 S;rie Pick-up 3.9 D: 4 x 4 HP 90
 - BONANZA Gel ndewagen 4.0 closed D: HP 92

- VERANEIO 4.1: 124 HP, HP: 121

- **FORD:**

- F1000 3.9 D: 4 x 4 HP 122
- F1000 3.9 (D) HP 87
- F1000 4.3 D: 4 x 4 HP: 135
- F1000 3.9 HP 90 (D)
- F1000 3.9 D: 4 x 4 HP 124
- Galaxy 5.0 lcool: 204 HP, HP 5.0: 199

- **IVECO DAILY I:**

- Van / Estate 30-8: HP 72
- Van / Estate 35-10: HP 92
- Van / Estate 40-8 V: HP 72
- Flatbed / Chassis 30-8: HP 72
- Flatbed / Chassis 35-10: HP 92
- Flatbed / Chassis 40-8 HP b: 72

Note: This list may not be exhaustive. Always consult your vehicle's service manual for the correct part number.

4. INSTALLATION INSTRUCTIONS

Safety First: Always ensure the vehicle is safely supported on jack stands or a lift. Allow the engine to cool down before beginning any work. Wear appropriate personal protective equipment, including gloves and eye protection.

1. **Locate the Oil Filter Housing:** Refer to your vehicle's service manual to identify the exact location of the oil filter housing.
2. **Drain Engine Oil:** It is recommended to drain the engine oil before replacing the filter. Place a suitable drain pan beneath the oil pan and remove the drain plug.
3. **Remove Old Filter Element:** Using an appropriate wrench or tool, carefully open the oil filter housing. Remove the old filter element and any associated O-rings or gaskets. Dispose of the old filter and oil responsibly according to local regulations.
4. **Clean Housing:** Thoroughly clean the inside of the oil filter housing and the cap. Ensure no debris or old gasket material remains.
5. **Install New Filter Element:** Lubricate the new O-rings and gaskets (if supplied with the filter) with clean engine oil. Install the new Mann Filter H601/4 element into the housing, ensuring it seats correctly.
6. **Reassemble Housing:** Reinstall the oil filter housing cap, tightening it to the torque specifications provided in your vehicle's service manual. Overtightening can damage the housing or filter.
7. **Refill Engine Oil:** Replace the oil drain plug and refill the engine with the correct type and amount of new engine oil as specified by your vehicle manufacturer.
8. **Check for Leaks:** Start the engine and allow it to run for a few minutes. Check for any oil leaks around the new filter housing. Turn off the engine and recheck the oil level, adding more if necessary.

Important: *If you are unsure about any step, it is highly recommended to seek assistance from a qualified mechanic or automotive service professional.*

5. MAINTENANCE

Regular maintenance of your oil filter is crucial for engine health. The oil filter should be replaced at intervals recommended by your vehicle manufacturer, typically every oil change or as specified in your vehicle's service schedule. Ignoring oil filter replacement can lead to reduced oil flow, increased engine wear, and potential engine damage.

Checking Oil Level: Regularly check your engine oil level and condition. If the oil appears excessively dirty or gritty, it may indicate a need for an oil and filter change, even if not yet at the scheduled interval.

6. TROUBLESHOOTING

While oil filter elements are generally reliable, issues can arise, often related to installation or overdue replacement.

Symptom	Possible Cause	Solution
Oil Leak from Filter Housing	Improperly seated O-ring/gasket, damaged O-ring/gasket, overtightened/undertightened housing cap.	Recheck installation, replace O-rings/gaskets, ensure correct torque.
Low Oil Pressure Warning Light	Severely clogged filter, incorrect oil level, faulty oil pressure sensor.	Replace filter, check oil level, consult a mechanic.
Engine Noise (e.g., Tapping)	Insufficient oil lubrication due to clogged filter or low oil level.	Immediately check oil level and filter condition. Replace filter if clogged.

If you experience persistent issues or symptoms not listed here, consult a professional mechanic.

7. SPECIFICATIONS

Key specifications for the Mann Filter H601/4 Oil Filter Element:

Attribute	Value
Brand	Mann Filter
Model	H601/4
Material	Paper
Product Grade	Replacement Part
Vehicle Service Type	Truck
Item Dimensions (L x W x H)	3.98 x 2.36 x 3.98 inches
Item Weight	3.87 ounces (0.11 Kilograms)
Outside Diameter	6 Centimeters
Thread Size	M16x1.5
OEM Part Numbers	0001842225, 0004660204, 0229348, 1083258, 1296311510
Manufacturer	Mann Filter

8. WARRANTY AND SUPPORT

Specific warranty information for the Mann Filter H601/4 Oil Filter Element is not provided within this manual. For details regarding product warranty, technical support, or further inquiries, please refer to the official Mann Filter website or contact their customer service directly.

Always ensure you purchase genuine Mann Filter products from authorized distributors to ensure product authenticity and eligibility for warranty support.

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This manual is for informational purposes only. Always consult a qualified professional for vehicle maintenance.