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Mann Filter MA 1156

Mann-Filter MA 1156 Air Filter Instruction Manual

Model: MA 1156 | Brand: Mann Filter

1. PRODUCT OVERVIEW

The Mann-Filter MA 1156 is a high-quality air filter designed to protect your engine from harmful contaminants. It ensures a clean air supply to the engine, which is crucial for optimal performance, fuel efficiency, and longevity. Regular replacement of the air filter is a key component of vehicle maintenance.

2. INSTALLATION (SETUP)

Proper installation of the air filter is essential for its effective operation. Always refer to your vehicle's specific owner's manual or service guide for detailed instructions and safety precautions before proceeding with the replacement.

General Installation Steps:

- Safety First:** Ensure the vehicle's engine is turned off and cool. Disconnect the negative terminal of the battery if instructed by your vehicle's manual.
- Locate the Air Filter Housing:** The air filter is typically located in a plastic housing under the hood, connected to the engine's air intake system.
- Open the Housing:** Unclip or unscrew the fasteners securing the air filter housing cover. Carefully remove the cover.
- Remove Old Filter:** Take out the old air filter. Note its orientation to ensure the new filter is installed correctly.
- Clean Housing:** Inspect the air filter housing for any debris, leaves, or dust. Clean it thoroughly before installing the new filter.
- Install New Filter:** Insert the Mann-Filter MA 1156 into the housing, ensuring it fits snugly and is oriented correctly. The rubber seal around the filter should sit flush within the housing.
- Secure Housing:** Replace the housing cover and secure all clips or screws. Ensure the housing is properly sealed to prevent unfiltered air from entering the engine.
- Final Check:** Double-check all connections and ensure no tools or loose items are left in the engine bay.



Figure 1: The Mann-Filter MA 1156 Air Filter. This image shows the rectangular filter element with its pleated media, designed to capture airborne particles before they reach the engine. The black frame provides structural integrity.

3. OPERATION

Once installed, the Mann-Filter MA 1156 operates continuously whenever the engine is running. Its primary function is to filter incoming air, removing dust, pollen, debris, and other airborne particles. This clean air is then mixed with fuel for combustion, ensuring efficient engine operation and preventing wear on internal engine components. A clean air filter allows for optimal airflow, contributing to better engine performance and fuel economy.

4. MAINTENANCE

Regular inspection and timely replacement of your air filter are crucial for maintaining vehicle health. The frequency of replacement depends on driving conditions and manufacturer recommendations.

Maintenance Guidelines:

- **Inspection:** Visually inspect the air filter every 10,000 to 15,000 miles (or as recommended by your vehicle manufacturer). Look for excessive dirt, debris, or discoloration of the filter media.
- **Replacement Interval:** Replace the air filter every 15,000 to 30,000 miles, or more frequently if you drive in dusty conditions, off-road, or in areas with high air pollution. Always consult your vehicle's owner's manual for specific service intervals.
- **Signs of a Clogged Filter:** Reduced engine performance, decreased fuel efficiency, unusual engine noises, or the illumination of a 'Check Engine' light can indicate a clogged air filter.

5. TROUBLESHOOTING

If you experience issues after air filter replacement or suspect a problem related to the air filter, consider the following:

- **Engine Performance Issues:** If the engine runs rough or lacks power, ensure the air filter is correctly seated and the housing is properly sealed. An improperly sealed housing can allow unfiltered air to bypass the filter.
- **Whistling or Hissing Noises:** These sounds might indicate an air leak around the filter housing. Recheck all clips and screws to ensure a tight seal.
- **Check Engine Light:** While many factors can trigger this light, an extremely clogged air filter or an improperly sealed air intake system can sometimes contribute. Consult a qualified mechanic if the light persists.
- **Incorrect Filter Size:** Ensure the MA 1156 is the correct filter for your specific vehicle model. An incorrect size can lead to poor fitment and reduced filtration effectiveness.

6. SPECIFICATIONS

Key specifications for the Mann-Filter MA 1156 Air Filter are provided below:

Attribute	Value
Brand	Mann Filter
Model Number	MA 1156
Item Weight	1.13 pounds
Product Dimensions	13.39 x 2.88 x 13.39 inches
Manufacturer Part Number	MA1156
OEM Part Number	04864442AB
UPC	802265001897
Product Grade	Replacement Part

7. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official Mann-Filter website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Mann Filter

