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Nayuank SBA314531174 47792101

Nayuank Air Filter Instruction Manual

Model: SBA314531174 47792101

Product Overview

The Nayuank Air Filter, identified by part numbers SBA314531174 and 47792101, is a replacement air filter designed to ensure optimal engine performance and longevity by filtering air intake. This product is compatible with specific New Holland tractor models.



Image: The Nayuank Air Filter set, showing both the main air filter and the inner safety filter.

Specifications

Attribute	Value
Brand	Nayuank

Part Numbers	SBA314531174, 47792101
Item Weight	11.7 ounces
Package Dimensions	7.6 x 3.62 x 3.62 inches
Manufacturer	Nayuank

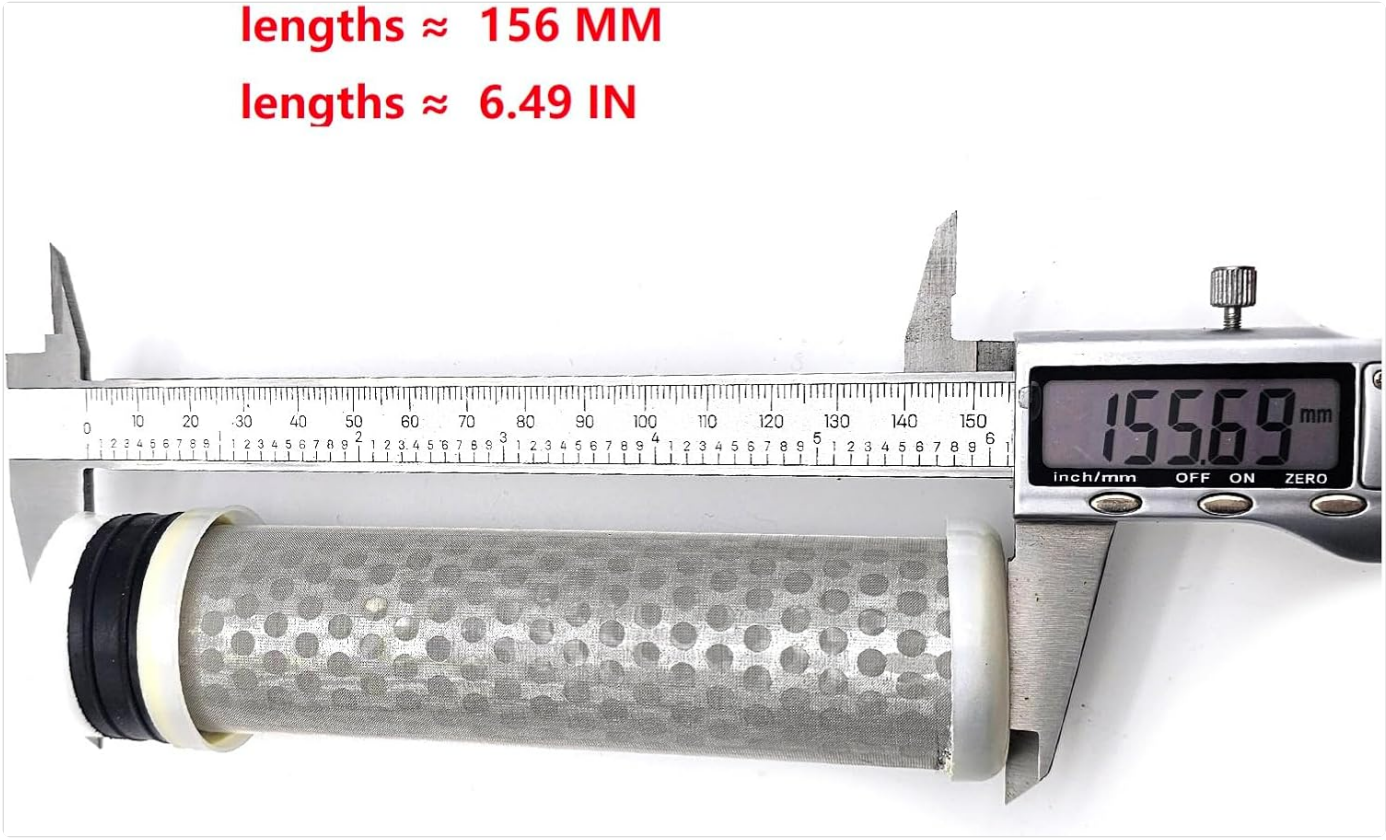


Image: Measurement of the inner filter, showing a length of approximately 156 mm (6.49 inches).



Image: Measurement of the main air filter, showing a length of approximately 175.7 mm (6.91 inches).



Image: Measurement of the main air filter's diameter, showing approximately 89 mm (3.5 inches).

Compatibility

This air filter is compatible with the following New Holland tractor models:

- TC18
- TC21
- TC21D
- TC23DA
  TC24DA
- TZ21D
- TZ22DA
- TZ24DA
- TZ25DA
- TC26DA
- TZ18A

Setup and Installation

While this kit does not include specific installation instructions, professional installation is recommended to ensure correct

fitment and optimal performance. Air filter replacement typically involves locating the air filter housing, removing the old filter, and inserting the new filter. Always refer to your equipment's service manual for detailed, model-specific instructions. To minimize error rates, it is advisable to provide your engine model or a view of the engine nameplate when ordering this item.



Image: Top-down view of both the main air filter and the inner safety filter, showing their respective openings.



Image: Close-up top view of the main air filter, highlighting its black rubber seal and internal structure.



Image: An overhead perspective of both air filters, showing their relative sizes and top surfaces.



Image: An overhead perspective of both air filters, showing their relative sizes and bottom surfaces.

Operating Principle

The air filter functions by trapping airborne contaminants such as dust, dirt, and debris before they can enter the engine's combustion chamber. A clean air filter ensures a proper air-fuel mixture, which is crucial for efficient engine operation, fuel economy, and reduced emissions. The main filter handles the primary filtration, while the inner safety filter provides an additional layer of protection in case the main filter is compromised.

Maintenance

Regular inspection and replacement of the air filter are vital for maintaining engine health. The frequency of replacement depends on operating conditions, such as dusty environments, and the manufacturer's recommendations for your specific equipment model. Signs that an air filter may need replacement include decreased engine performance, reduced fuel efficiency, or visible dirt and debris on the filter element.
Always replace both the main air filter and the inner safety filter simultaneously for comprehensive protection.

Troubleshooting

- **Reduced Engine Power:** A clogged air filter can restrict airflow to the engine, leading to a noticeable decrease in

power. Inspect and replace the filter if it appears dirty.

- **Increased Fuel Consumption:** An engine struggling to draw air through a dirty filter may consume more fuel. Check the air filter as a potential cause.
- **Black Smoke from Exhaust:** This can indicate an overly rich fuel mixture due to insufficient air, often caused by a severely clogged air filter.
- **Unusual Engine Noises:** While less common, a very dirty filter can sometimes cause the engine to run roughly.

Product Video

Your browser does not support the video tag.

Video: A brief 15-second overview of the Nayuank Air Filter, showcasing its appearance and components. This video is a short preview.

Warranty and Support

Specific warranty information for this product is not provided in the available documentation. For details regarding warranty coverage or technical support, please contact the manufacturer, Nayuank, or your product retailer directly.

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Details

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