

## Yanmar 129051-12530

# Yanmar 129051-12530 Inner Air Filter Instruction Manual

Model: 129051-12530

## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation, maintenance, and troubleshooting of the Yanmar 129051-12530 Inner Air Filter. Adhering to these guidelines will help ensure optimal performance and longevity of your equipment.

## 2. PRODUCT OVERVIEW

The Yanmar 129051-12530 is an inner air filter designed to work in conjunction with an outer air filter to provide superior filtration for your engine. Its primary function is to prevent dust, dirt, and other airborne contaminants from entering the engine's combustion chamber, thereby protecting internal components from wear and ensuring efficient operation.

## 3. SAFETY INFORMATION

Always prioritize safety when working with machinery and replacement parts. Please observe the following precautions:

- Ensure the engine is turned off and cooled down before attempting any installation or maintenance.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Refer to your equipment's primary service manual for specific instructions and safety warnings related to your machine.
- Dispose of old filters responsibly according to local regulations.

## 4. INSTALLATION

Follow these general steps for installing the Yanmar 129051-12530 Inner Air Filter. Specific procedures may vary depending on your equipment model; always consult your equipment's service manual.

1. Locate the air filter housing on your equipment.
2. Open or unlatch the air filter housing cover.
3. Carefully remove the outer air filter.
4. Remove the old inner air filter. Note its orientation for correct installation of the new filter.
5. Inspect the air filter housing for any debris or damage. Clean if necessary.
6. Insert the new Yanmar 129051-12530 Inner Air Filter, ensuring it seats properly. Do not force it.
7. Reinstall the outer air filter.
8. Close and secure the air filter housing cover.



Figure 1: The Yanmar 129051-12530 Inner Air Filter shown with its original packaging. The filter is cylindrical with a blue mesh exterior and black end caps. The packaging box is brown with a Yanmar label indicating the part number.

For a visual guide on air filter replacement, refer to the video below:

Your browser does not support the video tag.

Video 1: This video demonstrates the replacement process for an air filter compatible with Yanmar engines, similar to the

## 5. MAINTENANCE

Regular maintenance of your air filter is crucial for engine health and efficiency. The inner air filter typically serves as a safety filter and is not usually cleaned. It should be replaced if it appears dirty or damaged, or if the outer filter has been replaced multiple times.

- **Inspection:** Periodically inspect the inner air filter for signs of dirt, damage, or tears.
- **Replacement:** Replace the inner air filter whenever the outer air filter is replaced for the second or third time, or immediately if the inner filter shows any signs of contamination or damage.
- **Cleaning:** Do not attempt to clean the inner air filter. Cleaning can damage the filter media and reduce its effectiveness.

## 6. TROUBLESHOOTING

If you experience issues related to air filtration, consider the following:

- **Reduced Engine Performance:** A clogged air filter can restrict airflow, leading to a loss of engine power, rough idling, or misfires. Inspect and replace both inner and outer filters if necessary.
- **Increased Fuel Consumption:** An engine struggling for air due to a dirty filter will consume more fuel.
- **Black Smoke from Exhaust:** This can indicate incomplete combustion due to insufficient air, often caused by a severely clogged air filter.
- **Unusual Engine Noises:** A damaged air filter or housing can sometimes lead to whistling or sucking sounds.

If problems persist after inspecting and replacing the air filter, consult a qualified technician.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Yanmar
Item Model Number	129051-12530
Manufacturer Part Number	129051-12530
OEM Part Number	129051-12530
ASIN	B00CSBS6GE

## 8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please contact your authorized Yanmar dealer or the point of purchase. Keep your purchase receipt and product information handy when seeking support.

