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> Part Synergy Generator Air Filter Instruction Manual for Cummins Onan HGJBB RV QG Generators (Model 1064-A030Y328)

Part Synergy 1064-A030Y328

Part Synergy Generator Air Filter Instruction Manual

For Cummins Onan HGJBB RV QG Generators (Model 1064-A030Y328)

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Part Synergy Generator Air Filter. This air filter is designed to fit Cummins Onan Model HGJBB RV QG Generators, ensuring optimal performance and longevity of your generator. Please read these instructions carefully before proceeding with installation or maintenance.

SAFETY INFORMATION

- Always ensure the generator is completely shut off and cooled down before attempting any maintenance or installation.
- Disconnect the spark plug wire or battery to prevent accidental starting.
- Wear appropriate personal protective equipment, such as gloves and eye protection, when handling generator components.
- Refer to your generator's owner's manual for specific safety procedures related to your model.

COMPATIBILITY

This Part Synergy air filter is specifically designed for direct replacement in the following generator models:

- Cummins Onan Model HGJBB RV QG Generators

It features a rectangular foam element with a pre-cleaner, engineered for RV applications.

SETUP AND INSTALLATION

Follow these steps to replace your generator's air filter:

1. **Prepare the Generator:** Ensure the generator is turned off, cool, and disconnected from any power source. Locate the air filter housing, typically found near the carburetor or intake manifold.

2. **Access the Air Filter:** Open the air filter housing. This usually involves unlatching clips, unscrewing fasteners, or removing a cover. Refer to your generator's manual for exact instructions.
3. **Remove Old Filter:** Carefully remove the old air filter and pre-cleaner. Note its orientation for correct installation of the new filter. Dispose of the old filter responsibly.
4. **Clean Housing:** Inspect the air filter housing for any debris, dust, or dirt. Clean the housing thoroughly with a damp cloth, ensuring no foreign material enters the carburetor.
5. **Install New Filter:** Place the new Part Synergy air filter (Model 1064-A030Y328) into the housing, ensuring it fits snugly and is oriented correctly. The foam pre-cleaner should be positioned as the outer layer.
6. **Secure Housing:** Close and secure the air filter housing, ensuring all clips or fasteners are properly engaged.
7. **Final Check:** Reconnect any disconnected wires or battery terminals. Start the generator to confirm proper operation.



Image: Front view of the Part Synergy Generator Air Filter, showing its rectangular shape. This filter is designed for easy installation into compatible generator housings.

OPERATING CONSIDERATIONS

A clean air filter is crucial for the efficient operation of your generator. While the air filter itself is a passive component, its condition directly impacts engine performance:

- **Engine Protection:** The air filter prevents dust, dirt, and debris from entering the engine's combustion chamber, protecting internal components from wear and damage.
- **Optimal Fuel Efficiency:** A clean filter ensures proper airflow to the engine, allowing for efficient fuel combustion and maintaining optimal fuel economy.
- **Consistent Power Output:** Adequate airflow is necessary for the generator to produce its rated power output without strain.

Regularly inspect your air filter, especially when operating in dusty or dirty environments, to ensure it remains clean and

functional.

MAINTENANCE

Proper maintenance of your air filter extends the life of your generator and ensures reliable performance.

Inspection Schedule

- Inspect the air filter every 50 hours of operation or every 3 months, whichever comes first.
- In dusty conditions, inspect the filter more frequently (e.g., every 25 hours or monthly).

Cleaning the Foam Pre-Cleaner

The foam pre-cleaner can often be cleaned and reused:

1. Remove the foam pre-cleaner from the main filter element.
2. Wash the foam in warm water with a mild detergent.
3. Rinse thoroughly until all soap residue is gone.
4. Squeeze out excess water and allow it to air dry completely. Do not wring or twist.
5. Lightly oil the dry foam pre-cleaner with clean engine oil, then squeeze out any excess oil. The foam should be damp with oil, not dripping.
6. Reinstall the pre-cleaner over the main filter element.

Filter Replacement

The main air filter element should be replaced when it appears heavily soiled, damaged, or cannot be cleaned effectively. A general guideline for replacement is every 100-200 hours of operation or annually, depending on usage and environmental conditions. Always replace with a genuine Part Synergy filter (Model 1064-A030Y328) for guaranteed compatibility and performance.



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NOTE | Easy installation process, Perfect replacement.

Image: The Part Synergy Generator Air Filter, highlighting the foam pre-cleaner component. The foam pre-cleaner helps capture larger

particles and can often be cleaned and reused.

TROUBLESHOOTING

If your generator exhibits any of the following symptoms, a dirty or clogged air filter may be the cause:

- **Reduced Engine Power:** The generator struggles to produce its usual power output.
- **Increased Fuel Consumption:** The engine may run richer to compensate for restricted airflow, leading to higher fuel usage.
- **Rough Running or Stalling:** Inconsistent airflow can cause the engine to run unevenly or stall.
- **Excessive Smoke from Exhaust:** A rich fuel mixture due to a clogged filter can result in black smoke.

Solution: Inspect the air filter and pre-cleaner. Clean or replace them as necessary following the instructions in the Maintenance section. If symptoms persist after replacing the air filter, consult your generator's owner's manual or a qualified service technician for further diagnosis.

SPECIFICATIONS

Attribute	Detail
Brand	Part Synergy
Model Number	1064 - A030Y328
Manufacturer Part Number	C7B - A030Y328
Compatibility	Cummins Onan Model HGJBB RV QG Generators
Material	Foam (Element and Pre-Cleaner)
Shape	Rectangular
Product Dimensions (L x W x H)	7.38 x 5 x 2.3 inches
Item Weight	5.6 ounces (0.35 Pounds)

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Part Synergy Generator Air Filter, please refer to the contact information provided with your purchase or visit the official Part Synergy website. Ensure you have your model number (1064-A030Y328) available when contacting support.

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