

GPS KY 4000

GPS Tune Up Kit for Onan RV Generator Model KY 4000 Instruction Manual

INTRODUCTION

This instruction manual provides guidance for the installation and maintenance of the GPS Tune Up Kit for Onan RV Generator Model KY 4000, Spec A-R. The kit contains essential OEM components designed to facilitate routine generator maintenance, ensuring optimal performance and longevity. Please read all instructions carefully before proceeding with any maintenance tasks.

PRODUCT COMPONENTS

The GPS Tune Up Kit includes the following genuine Onan OEM parts and a GPS-branded tool:

- Air Filter: Onan Part Number 140-3280
- Fuel Filter: Onan Part Number 149-2457
- Spark Plug: Onan Part Number 167-0275
- Spark Plug Gap Tool: GPS Part Number 627-0550



GPS Tune Up Kit for Onan RV Generator Model KY 4000, showing all included components: air filter, fuel filter, spark plug, and spark plug gap tool.

SETUP

This kit provides replacement parts for your Onan RV generator. For specific installation procedures and safety guidelines related to your generator model, always refer to your generator's official owner's manual. Ensure the generator is turned off and cooled down before beginning any maintenance.

OPERATING

After performing maintenance with this kit, ensure all components are securely installed and connections are tight. Refer to your Onan RV generator's owner's manual for proper starting and operating procedures. Always operate the generator in a well-ventilated area.

MAINTENANCE

Regular maintenance is crucial for the reliable operation of your Onan RV generator. The following sections detail the replacement process for the components included in this kit.

Air Filter Replacement

Locate the air filter housing on your generator. Open the housing, remove the old air filter (Onan PN: 140-3280), and replace it with the new filter from the kit. Ensure the new filter is seated correctly and close the housing securely. This helps maintain proper air intake and engine efficiency.



Onan Air Filter, Part Number 140-3280, in its packaging, designed for optimal air intake filtration.

Fuel Filter Replacement

Identify the fuel filter location on your generator. This component (Onan PN: 149-2457) may be difficult to access. Before disconnecting any fuel lines, ensure the generator is off and cool, and take precautions to prevent fuel spillage. Disconnect the fuel lines from the old filter, remove it, and install the new fuel filter, ensuring the flow direction is correct. Reconnect the fuel lines securely. Be prepared for some fuel to escape during this process.



Onan Fuel Filter, Part Number 149-2457, with its packaging, ensuring clean fuel delivery to the generator.

Spark Plug Replacement and Gapping

Locate and carefully remove the existing spark plug. Before installing the new spark plug (Onan PN: 167-0275), use the included GPS Spark Plug Gap Tool (PN: 627-0550) to verify and adjust the gap to the specification provided in your generator's manual. Due to limited space, a spark plug socket with a hex on the outside, used with an open-end wrench, may facilitate installation. Install the new spark plug and torque it to the manufacturer's specifications.



Onan Spark Plug, Part Number 167-0275, in its protective packaging, essential for reliable ignition.



A hand wearing a black glove using the GPS Spark Plug Gap Tool, Part Number 627-0550, to accurately set the gap on a spark plug.

Oil Selection

The kit includes documentation for proper oil selection. Consult this documentation and your generator's manual to choose the correct oil viscosity based on your operating temperature range. Note that many Onan RV generators, particularly propane models, do not utilize an oil filter.

General Maintenance Schedule

It is recommended to perform a tune-up and replace these components every 500 hours of operation or annually, whichever occurs first, to ensure consistent generator performance.

TROUBLESHOOTING

If your generator experiences issues after maintenance, consider the following:

- **Fuel Vent Line Obstructions:** Inspect the fuel regulator vent line for blockages caused by insects or debris. A clogged vent line can prevent proper fuel regulator function.
- **Spark Arrestor:** While less common with propane generators, check the muffler's spark arrestor for excessive carbon buildup if performance issues persist.
- **Secure Connections:** Ensure all fuel lines, electrical connections, and filter housings are properly secured after maintenance.

If problems persist, consult your generator's specific service manual or contact a qualified generator technician.



SPECIFICATIONS

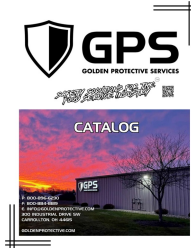

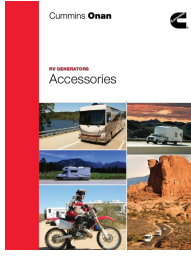
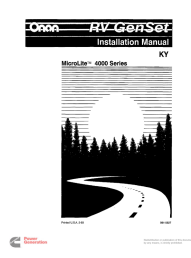
Feature	Detail
Brand	GPS (Generator Parts Specialists)
Product Dimensions	5"L x 5"W x 5"H
OEM Part Number (Air Filter)	140-3280
OEM Part Number (Fuel Filter)	149-2457
OEM Part Number (Spark Plug)	167-0275
Item Weight	15.2 ounces
Item Model Number (Kit)	5824080489
UPC	860275000910
Manufacturer	Generator Parts Specialists

WARRANTY AND SUPPORT

This kit is assembled by Generator Parts Specialists using genuine OEM parts. For specific warranty information regarding the individual components, please refer to the original manufacturer's documentation. For product support or inquiries related to this kit, please contact Generator Parts Specialists directly.

Related Documents - KY 4000

	<p>G17H & G17S GPS Vehicle Positioning Terminal Safe Use Guide</p> <p>Comprehensive safe use guide for the G17H and G17S GPS vehicle positioning terminals, covering installation, operation, safety, and troubleshooting.</p>
	<p>GPS EHI Guide: External Host Interface JSON Version</p> <p>Technical guide detailing the GPS External Host Interface (EHI) for developers, covering JSON data exchange, payment authorization, and real-time transaction processing.</p>

	<p>GPS Golden Protective Services Safety Catalog for Food Service Industry</p> <p>Comprehensive catalog of safety solutions from Golden Protective Services (GPS), featuring disposable gloves, high-temperature protection, chemical-resistant gear, cut-resistant gloves, PPE, paper products, and floor safety equipment for the food service industry.</p>
	<p>A-iPower SUA5800iED Dual Fuel Inverter Generator: Features, Specs. and Technology</p> <p>Detailed overview of the A-iPower SUA5800iED Dual Fuel Inverter Generator, including key features, technical specifications, control panel functions, and Fuel Sense technology. Learn about its 5800 starting watts, 224cc engine, and extended runtime capabilities.</p>
	<p>Cummins Onan RV Generator Accessories Catalog</p> <p>Comprehensive catalog of Cummins Onan RV generator accessories. Find installation kits, mounting solutions, exhaust systems, fuel components, electrical parts, and auto start systems for QG and QD series RV generators. Essential guide for RV owners and technicians to maintain and upgrade their power systems.</p>
	<p>Onan MicroLite 4000 Series RV Generator Set Installation Manual</p> <p>This installation manual provides comprehensive guidelines for the Onan MicroLite 4000 Series RV generator sets. It covers safety precautions, installation codes, step-by-step procedures for mounting, fuel systems, electrical connections, and initial checks, ensuring reliable, quiet, and safe operation.</p>