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Briggs & Stratton 6035

Briggs & Stratton 6035 Standby Generator Maintenance Kit User Manual

Model: 6035

1. Introduction

This manual provides essential information for the proper use and maintenance of your Briggs & Stratton 6035 Standby Generator Maintenance Kit. This kit is designed for 10,000 to 12,000 Watt Briggs & Stratton standby generators, including EmPower and IntelliGEN series Home Generator Systems. Regular maintenance using this kit helps ensure the longevity and optimal performance of your generator.

2. Safety Information

WARNING: Read and understand the generator's owner's manual before operating heavy equipment. Failure to follow the owner's manual could result in serious injury or death.
Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
Always ensure the generator is turned off, cooled down, and disconnected from any power source before performing any maintenance. Wear appropriate personal protective equipment, such as gloves and eye protection, when handling oil and other components.

3. Kit Contents

The Briggs & Stratton 6035 Maintenance Kit includes all necessary components for routine generator service:

- Pre-measured synthetic engine oil (two 28 Fl. Oz. bottles of 5W-30)
- Oil funnel cap
- Two spark plugs
- Pre-cleaner filter
- Oil filter

This image displays the complete Briggs & Stratton 6035 Standby Generator Maintenance Kit. It includes two bottles of 5W-30 synthetic

engine oil, one black oil filter, one blue and white air filter, and two spark plugs. These components are essential for routine generator upkeep.

4. Maintenance Procedures

This kit provides the necessary parts for performing routine maintenance on your Briggs & Stratton 10,000-12,000 Watt standby generator. Always refer to your specific generator's owner's manual for detailed, step-by-step instructions and safety precautions before beginning any maintenance.

4.1. Oil Change

1. **Prepare:** Ensure the generator is off and cool. Place a drain pan under the oil drain plug.
2. **Drain Old Oil:** Remove the oil drain plug and allow all old oil to drain completely.
3. **Replace Oil Filter:** Unscrew the old oil filter and dispose of it properly. Apply a thin film of new oil to the gasket of the new oil filter before screwing it on. Tighten according to your generator's manual.
4. **Add New Oil:** Replace the drain plug. Using the provided synthetic oil and funnel cap, carefully pour the new oil into the engine. Check the oil level frequently with the dipstick to avoid overfilling. The kit provides pre-measured oil, but always verify the correct level.

4.2. Spark Plug Replacement

1. **Locate and Remove:** Disconnect the spark plug wires. Use a spark plug wrench to carefully remove the old spark plugs.
2. **Inspect and Gap:** Inspect the new spark plugs for any damage. Ensure the gap is set correctly according to your generator's specifications (often 0.020 inches, but confirm with your manual).
3. **Install New Plugs:** Hand-thread the new spark plugs into the engine to prevent cross-threading, then tighten with a wrench. Do not overtighten. Reconnect the spark plug wires.

4.3. Air Filter and Pre-Cleaner Replacement

1. **Access Air Filter:** Locate and open the air filter housing on your generator.
2. **Remove Old Filters:** Carefully remove the old air filter and pre-cleaner. Note their orientation.
3. **Install New Filters:** Place the new pre-cleaner filter over the new air filter, then install them into the housing in the correct orientation. Close and secure the air filter housing.

Performing these maintenance steps regularly will help your generator deliver peak performance and extend its operational life.

5. Troubleshooting Common Maintenance Issues

If you encounter issues after performing maintenance, consider the following:

- **Generator Not Starting:**
  - Check spark plug connections.
  - Ensure correct oil level (not overfilled or underfilled).
  - Verify fuel supply.
- **Excessive Smoke:**
  - Could indicate overfilling with oil. Check oil level and drain excess if necessary.

- **Unusual Noises:**
  - Ensure all components (filters, spark plugs) are securely installed.

For persistent issues, consult your generator's owner's manual or contact a certified service technician.

6. Specifications

Feature	Detail
Model Number	6035
Compatible Generator Wattage	10,000 - 12,000 Watts
Item Weight	4.29 pounds
Product Dimensions	8.8 x 5 x 9 inches
Material	Synthetic (oil)
Power Source Compatibility	Gas-powered generators

7. Warranty and Support

Specific warranty information for the Briggs & Stratton 6035 Standby Generator Maintenance Kit is not provided in this document. For warranty details, technical support, or further assistance, please refer to the official Briggs & Stratton website or contact their customer service directly. Always retain your proof of purchase for any warranty claims.
You can often find additional resources and contact information on theBriggs & Stratton official website.

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