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Briggs & Stratton 808152

Briggs & Stratton 808152 Rewind Starter Instruction Manual

Model: 808152

1. Introduction

This manual provides essential information for the proper handling, installation, and maintenance of your Briggs & Stratton 808152 Rewind Starter. This component is an Original Equipment Manufacturer (OEM) authorized replacement part designed to fit various Briggs & Stratton engine models. Please read these instructions carefully before proceeding with any installation or maintenance to ensure safe and correct usage.

Safety First: Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when working with engine components. Ensure the engine is turned off and cooled down before beginning any work. Disconnect the spark plug wire to prevent accidental starting.

2. Product Overview

The Briggs & Stratton 808152 Rewind Starter is a critical component for manually starting compatible engines. It consists of a housing, a recoil spring, and a pull rope with a handle. When the rope is pulled, it engages the engine's flywheel, initiating the starting process. This part is manufactured in Japan and is a direct OEM replacement.



Figure 2.1: Main view of the Briggs & Stratton 808152 Rewind Starter, showing the black housing, pull handle, and metal cup.

3. Installation

Installation of the rewind starter typically involves removing the old unit and securing the new one. Due to variations in engine models, specific steps may differ. Always refer to your engine's specific service manual for detailed installation instructions.

General Installation Steps:

1. **Preparation:** Ensure the engine is off, cool, and the spark plug wire is disconnected. Gather necessary tools (e.g., wrenches, screwdrivers).
2. **Remove Old Starter:** Locate and unbolt the existing rewind starter from the engine housing. Carefully detach it, noting any washers or spacers.
3. **Inspect Mounting Area:** Clean the mounting surface on the engine to ensure a proper fit for the new starter.
4. **Install New Starter:** Position the Briggs & Stratton 808152 Rewind Starter onto the engine. Align the mounting holes and secure it with the appropriate bolts. Ensure it is seated firmly and correctly.
5. **Test Engagement:** Gently pull the starter rope to confirm that the starter engages the engine's flywheel smoothly and retracts fully.
6. **Final Check:** Reconnect the spark plug wire.

If you are unsure about any step, it is recommended to consult a qualified service technician.

4. Operation

Once installed, the rewind starter is operated by pulling the starter rope. Follow the engine manufacturer's specific starting procedures, which typically include:

- Ensure the engine's fuel supply is on and the choke (if applicable) is set correctly for a cold or warm start.
- Grasp the starter handle firmly.
- Pull the rope slowly until resistance is felt, then pull with a rapid, smooth motion. Do not pull the rope to its full extension or allow it to snap back against the starter housing.
- Allow the rope to rewind slowly and completely.
- Repeat as necessary until the engine starts.

If the engine does not start after several attempts, refer to the engine's operating manual for troubleshooting steps related to fuel, ignition, or other engine systems.

5. Maintenance

The Briggs & Stratton 808152 Rewind Starter is designed for durability. Regular maintenance can extend its lifespan and ensure reliable operation.

- **Cleaning:** Keep the starter housing free from dirt, grass clippings, and debris. A clean exterior prevents foreign objects from interfering with the rope's retraction mechanism.
- **Rope Inspection:** Periodically inspect the starter rope for signs of fraying, cuts, or excessive wear. Replace the rope if any damage is observed to prevent breakage during operation.
- **Spring Tension:** If the rope does not retract fully or feels loose, the recoil spring may need adjustment or replacement. This is typically a task for experienced users or a service technician.
- **Mounting Security:** Occasionally check that the starter's mounting bolts are tight. Loose bolts can lead to vibration and premature wear.

6. Troubleshooting

If you encounter issues with your rewind starter, consider the following common problems and solutions:

- **Rope Does Not Retract:**
  - Check for debris lodged in the starter mechanism.
  - The recoil spring may be broken or dislodged. This requires disassembly and replacement, often best handled by a professional.
- **Rope is Hard to Pull:**
  - Ensure the engine is not seized. Try turning the engine over manually (if possible) to rule out engine issues.
  - Internal components of the starter may be binding.
- **Starter Does Not Engage Engine:**
  - The starter pawls or dogs may be worn or stuck.
  - The flywheel cup on the engine may be damaged.

For complex issues or internal repairs, it is recommended to seek assistance from a certified Briggs & Stratton service center or a qualified technician.

7. Specifications

Key specifications for the Briggs & Stratton 808152 Rewind Starter:

Part Number	808152
Brand	Briggs & Stratton
Manufacturer	Briggs and Stratton
Material	Plastic
Product Dimensions (L x W x H)	10.25 x 3.25 x 10.38 inches
Item Weight	1 pound (16 ounces)
UPC	024847863420
Global Trade Identification Number	00024847863420



Figure 7.1: Dimensions of the Briggs & Stratton 808152 Rewind Starter, indicating approximate measurements in inches.

8. Warranty and Support

Specific warranty details for the Briggs & Stratton 808152 Rewind Starter are not provided within this manual. For information regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or contact Briggs & Stratton customer support directly. You may also consult the seller from whom the part was purchased.

For additional support or to locate a service center, visit the official Briggs & Stratton website or contact their customer service department.

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