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Briggs & Stratton 590607

Briggs & Stratton 590607 Starter Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Briggs & Stratton 590607 Starter. This component is a genuine Original Equipment Manufacturer (OEM) replacement part designed to ensure optimal performance and compatibility with specified Briggs & Stratton engines. Please read this manual thoroughly before attempting any installation or service.

2. Safety Information

Always prioritize safety when working with engine components. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the engine is turned off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including safety glasses and gloves.
- **Consult Service Manual:** Refer to your specific engine's service manual for detailed instructions and torque specifications.
- **Handle with Care:** Engine parts can be hot or have sharp edges.
- **Professional Assistance:** If you are unsure about any procedure, seek assistance from a qualified service technician.

3. Product Overview

The Briggs & Stratton 590607 Starter is a critical component for initiating engine operation. As a genuine OEM part, it is manufactured to the exact specifications of Briggs & Stratton, ensuring a precise fit and reliable function. This starter is a rewind-type starter.



Figure 1: Briggs & Stratton 590607 Rewind Starter. This image shows the complete starter assembly, featuring the metal housing with ventilation slots and the black pull handle for manual engine starting.

Compatible Engine Models: This starter is compatible with a wide range of Briggs & Stratton engine models. A partial list includes:

- 106232-0001-H1
- 106232-0004-H7
- 106232-0005-H1
- 106232-0006-H7
- 106232-0007-H7
- 106232-0012-H7
- 106232-0016-F1
- 106232-0019-H7
- 106232-0020-F1
- 106232-0021-H7
- 106232-0025-H7
- 106232-0027-F1
- 106232-0028-H7
- 106232-0029-H1
- 106232-0030-H1
- 106232-0033-H1
- 106232-0034-H1
- 106232-0036-H1
- 106232-0037-H1
- 106232-0038-H1
- 106232-0040-H1
- 106232-0044-H7
- 106232-0045-H1

- 106232-0046-H1
- 106232-0056-H1
- 106232-0058-H1
- 106232-0059-H1
- 106232-0060-H1
- 106232-0061-H1
- 106232-0063-F1
- 106232-0064-H1
- 106232-0065-H1
- 106232-0066-H1
- 106232-0067-H7
- 106232-0069-F1
- 106232-0070-H1
- 106232-0074-H7
- 106232-0077-F1
- 106232-0079-F1
- 106232-0110-H1
- 106232-0111-H1
- 106232-0112-H1
- 106232-0112-H7
- 106232-0115-H1
- 106232-0116-H1
- 106232-0116-H7
- 106232-0117-H1
- 106232-0117-H7
- 106232-0120-H1
- 106232-0121-H1
- 106232-0122-H1
- 106232-0122-H7
- 106232-0123-H1
- 106232-0123-H7
- 106232-0124-H1
- 106232-0124-H7
- 106232-0125-H1
- 106232-0126-H1
- 106232-0127-H1
- 106232-0127-H7
- 106232-0128-H1
- 106232-0128-H7
- 106232-0129-H1
- 106232-0130-H1
- 106232-0131-H1
- 106232-0132-H1

- 106232-0134-H1
- 106232-0134-H7
- 106232-0136-H1
- 106232-0138-H1
- 106232-0139-H1
- 106232-0141-H1
- 106232-0142-H1
- 106232-0143-H1
- 106232-0144-H7
- 106232-0145-H7
- 106232-0146-H1
- 106232-0147-H1
- 106232-0147-H7
- 106232-0148-H1
- 106232-0150-H1
- 106232-0151-H1
- 106232-0152-H1
- 106232-0153-H7
- 106232-0154-H7
- 106232-0155-H7
- 106232-0157-H7
- 106232-0158-H7
- 106232-0160-H7
- 106232-0161-H7
- 106232-0162-H8
- 106232-0164-H8
- 106232-0166-H8
- 106232-0167-B8
- 106232-0168-B8
- 106232-0170-H7
- 106232-0171-F1
- 106232-0172-H7
- 106232-0173-H1
- 106232-0175-H1

For a complete list of compatible models, please refer to the product packaging or the official Briggs & Stratton website.

4. Installation Instructions

The following are general steps for replacing a rewind starter. Specific procedures may vary depending on your engine model. Always consult your engine's service manual for detailed instructions.

1. **Prepare the Engine:** Ensure the engine is cool, turned off, and the spark plug wire is disconnected.
2. **Locate the Starter:** Identify the existing starter assembly on your engine.
3. **Remove Old Starter:** Carefully unbolt and remove the old starter. Note the orientation and any specific mounting

hardware.

4. **Inspect Mounting Area:** Clean the mounting surface on the engine block to ensure a proper fit for the new starter.
5. **Install New Starter:** Position the Briggs & Stratton 590607 Starter onto the engine. Align the mounting holes.
6. **Secure Starter:** Install the mounting bolts and tighten them to the torque specifications provided in your engine's service manual. Overtightening can damage the housing.
7. **Reconnect Spark Plug:** Once the starter is securely installed, reconnect the spark plug wire.
8. **Test Operation:** Gently pull the starter rope a few times to ensure smooth operation and proper engagement with the flywheel.

Note: *Improper installation can lead to damage to the starter or engine. If you are not confident in performing this installation, it is recommended to consult a certified service technician.*

5. Operating the Starter

After successful installation, the Briggs & Stratton 590607 Starter operates as follows:

1. **Prime/Choke Engine:** Follow your engine's specific starting procedure, which may involve priming the carburetor or setting the choke.
2. **Pull Starter Rope:** Grasp the starter handle firmly. Pull the rope slowly until resistance is felt, then pull with a rapid, continuous motion. Do not release the handle until the rope has fully rewound.
3. **Repeat if Necessary:** If the engine does not start on the first pull, repeat the process.

Caution: *Do not allow the starter rope to snap back against the engine. Guide it gently as it rewinds to prevent damage to the starter mechanism.*

6. Maintenance

The Briggs & Stratton 590607 Starter is designed for durability. Regular maintenance of the engine it is attached to will contribute to the starter's longevity.

- **Keep Clean:** Periodically clean the exterior of the starter to prevent dirt and debris buildup, which can impede operation.
- **Inspect Rope:** Check the starter rope for fraying or wear. Replace the rope if any damage is observed.
- **Lubrication:** The internal components of the rewind starter are typically pre-lubricated and sealed. Avoid applying external lubricants unless specified in your engine's service manual.
- **Proper Starting Technique:** Always use the correct starting technique (as described in Section 5) to minimize wear on the starter mechanism.

7. Troubleshooting

If you experience issues with engine starting, consider the following common troubleshooting steps related to the starter:

Problem	Possible Cause	Solution
Starter rope pulls freely but engine does not crank.	Internal starter mechanism failure (e.g., pawls not engaging).	Inspect starter for damage. Replacement may be necessary.

Problem	Possible Cause	Solution
Starter rope is stuck or difficult to pull.	Rope tangled, internal spring issue, or engine seized.	Check for rope obstruction. If engine is not seized, starter may need replacement.
Engine cranks but does not start.	Not a starter issue. Fuel, ignition, or compression problem.	Check fuel level, spark plug, air filter, and engine compression. Consult engine manual.
Starter rope is frayed or broken.	Normal wear and tear or improper pulling technique.	Replace the starter rope or the entire starter assembly if the rope cannot be replaced independently.

For further troubleshooting, refer to your engine's specific service manual or contact Briggs & Stratton customer support.

8. Specifications

- **Part Number:** 590607
- **Type:** Rewind Starter
- **Manufacturer:** Briggs & Stratton
- **Product Dimensions:** Approximately 1 x 7 x 8 inches
- **Item Weight:** Approximately 0.01 ounces (Note: This weight seems unusually low and might be a data entry error. Actual weight may vary.)
- **Compatibility:** Genuine OEM replacement for various Briggs & Stratton engine models (refer to Section 3 for partial list).

9. Warranty and Support

As a genuine Briggs & Stratton OEM part, the 590607 Starter is covered by the standard Briggs & Stratton warranty for replacement parts. Please retain your proof of purchase for warranty claims.
For warranty details, technical support, or to locate an authorized service dealer, please visit the official Briggs & Stratton website or contact their customer service department. When contacting support, have your engine model and serial numbers ready, along with the starter part number (590607).
Briggs & Stratton Official Website: www.briggsandstratton.com

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