

Briggs & Stratton 593934

Briggs & Stratton 593934 Starter Motor Instruction Manual

Genuine Replacement Electric Starter for L-Head Engines

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Briggs & Stratton 593934 Starter Motor. This genuine replacement electric starter is designed for select single-cylinder L-Head engines, ensuring proper fit and performance to maintain the life of your Briggs & Stratton engine. Please read these instructions carefully before proceeding.

PRODUCT OVERVIEW

Key Features

- O. E. M. authorized part
- OEM Part Number 593934
- Designed to keep your outdoor power equipment running at peak performance.

Specifications

- **Model Number:** 593934
- **Voltage:** 0.7 Volts (DC)
- **Wattage:** 1.4 KW
- **Amperage:** 20 Amps
- **Material:** Metal
- **Item Weight:** 1 pounds (16 ounces)
- **Product Dimensions (L x W x H):** 1 x 1 x 1 inches
- **Manufacturer:** Briggs and Stratton

Product Images



Image 1: Briggs & Stratton 593934 Starter Motor shown with a ruler for size reference. The motor is black with a silver gear assembly.

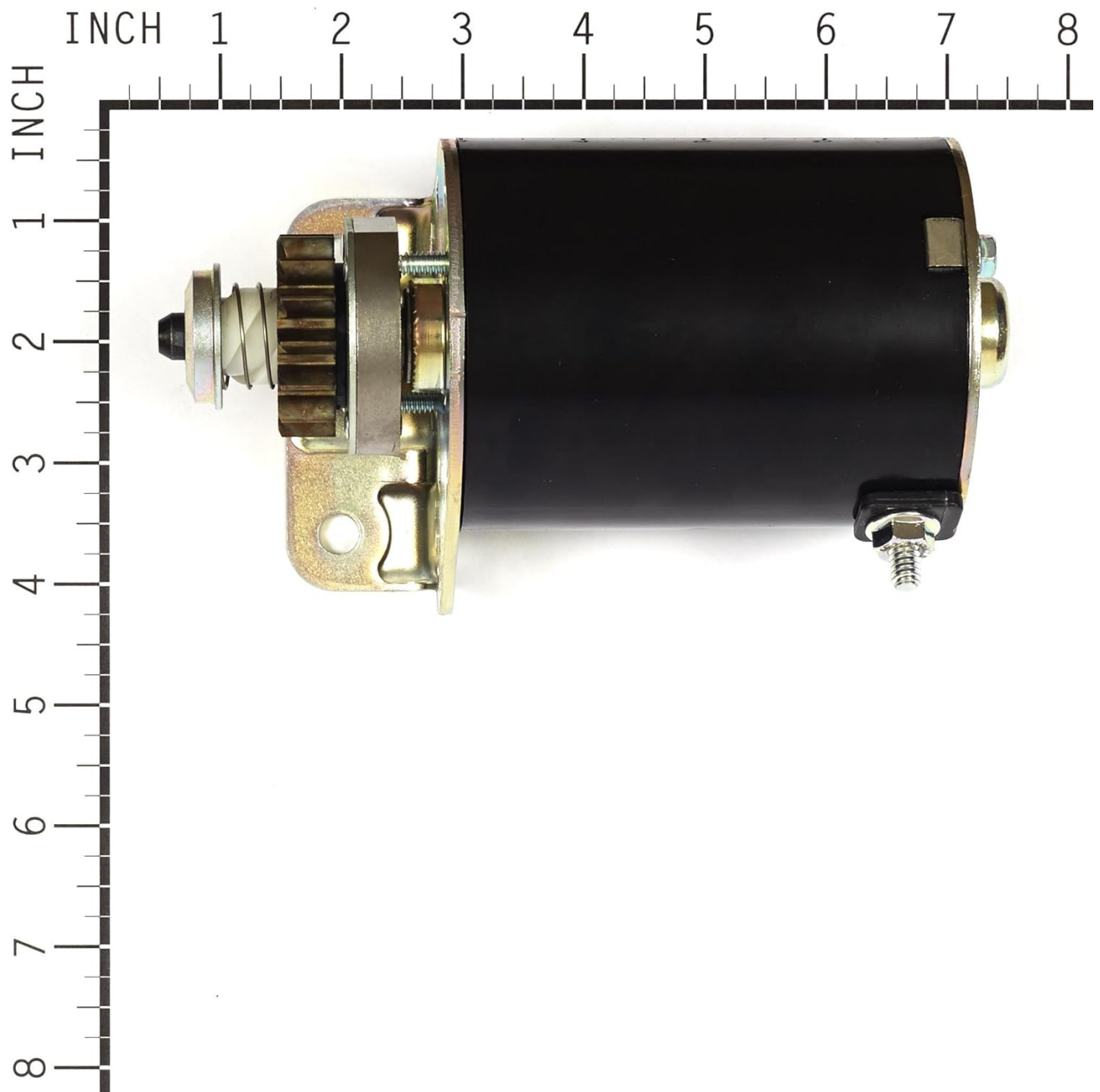


Image 2: The Briggs & Stratton 593934 Starter Motor displayed with its accompanying mounting hardware (nuts, washers) and a small instruction sheet.



SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your starter motor. Always ensure the engine is cool and the battery is disconnected before beginning any installation or maintenance procedures.

1. **Safety First:** Disconnect the negative terminal of your engine's battery before starting any work to prevent electrical shock or damage.
2. **Document Existing Setup:** Take a photograph of the existing wiring connections on your old starter motor. This will serve as a helpful reference during reinstallation.
3. **Remove Old Starter:** Carefully unbolt and remove the old starter motor from the engine. Note the orientation and any specific mounting hardware.
4. **Install New Starter:** Position the new Briggs & Stratton 593934 Starter Motor in place. Ensure it aligns perfectly with the mounting points. Bolt it securely.
5. **Reconnect Wiring:** Reconnect the wiring to the new starter motor, referring to the photograph taken earlier. Ensure all connections are tight and secure.
6. **Reconnect Battery:** Reconnect the negative terminal of the battery.
7. **Test Operation:** Attempt to start the engine. The starter should engage smoothly and start the engine on the first try.

Installation Video Reference

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Video 1: This video demonstrates the installation of a steel gear starter on a Husqvarna YTH2348 riding lawnmower, which uses a compatible Briggs & Stratton engine. It highlights the direct fit and smooth operation after installation. (Creator: Influencer)

OPERATING INSTRUCTIONS

The Briggs & Stratton 593934 Starter Motor is an integral component of your engine's starting system. Its operation is automatic upon turning the ignition key or pressing the start button on your equipment.

- Ensure your equipment's battery is fully charged.
- Follow your equipment's specific starting procedure (e.g., engage choke, set throttle).
- Turn the ignition key or press the start button. The starter motor will engage the engine's flywheel to initiate combustion.
- Release the key/button once the engine starts. Do not continuously crank the engine for more than 5 seconds at a time to prevent overheating the starter motor. Allow a brief cool-down period between attempts.

MAINTENANCE

Regular maintenance helps extend the life of your starter motor and ensures reliable starting. While the starter motor itself requires minimal maintenance, it's important to maintain the overall engine and electrical system.

- **Battery Health:** Keep your battery charged and ensure terminals are clean and free of corrosion. A weak battery can strain the starter motor.

- **Wiring Connections:** Periodically check all wiring connections to the starter motor and battery for tightness and corrosion.
- **Engine Maintenance:** Ensure your engine is well-maintained (oil changes, spark plug replacement, air filter cleaning) to reduce the effort required from the starter motor.
- **Cleanliness:** Keep the area around the starter motor free from dirt, debris, and excessive oil or grease buildup.

TROUBLESHOOTING

If your engine fails to start or the starter motor exhibits unusual behavior, consider the following common issues:

Problem	Possible Cause	Solution
Starter clicks but engine doesn't crank.	Weak battery, loose battery cables, faulty solenoid.	Charge/replace battery, tighten cables, check solenoid.
Starter motor spins but engine doesn't engage.	Damaged starter gear (bendix), flywheel issues.	Inspect starter gear and flywheel for damage; replace if necessary.
Starter motor makes grinding noise.	Misaligned starter, worn gear teeth on starter or flywheel.	Check mounting, inspect gears for wear; replace worn parts.
No response from starter when key is turned.	Dead battery, faulty ignition switch, wiring issue, blown fuse.	Check battery, test ignition switch, inspect wiring and fuses.

If troubleshooting steps do not resolve the issue, consult a qualified service technician.

WARRANTY AND SUPPORT

This Briggs & Stratton 593934 Starter Motor is a genuine OEM part, ensuring quality and compatibility. For specific warranty details, please refer to the documentation provided with your original Briggs & Stratton engine or contact Briggs & Stratton customer support directly.

Some third-party sellers may offer their own warranty. For example, BDELI offers a 1-year free replacement warranty to protect against product defects. Always verify warranty terms with your specific seller at the time of purchase.

Additional Product Information Videos

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Video 2: This video from DynaVim Parts showcases their automotive parts, emphasizing premium quality, OE standard manufacturing, reliable inspection, and buyer-centric service with hassle-free warranty. (Creator: Seller)

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Video 3: This BDELI brand video highlights their starter and alternator auto parts, focusing on advanced manufacturing, high performance, and great quality across an extensive product line for various applications. (Creator: Seller)

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Video 4: This video from VERIDRIV showcases the WZ 5742N Starter, emphasizing its robust packaging and compatibility with Briggs & Stratton engines for various outdoor power equipment. (Creator: Seller)

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Video 5: This Caltric video highlights a 14-tooth starter compatible with Briggs & Stratton 17, 17.5, 18, 18.5 HP engines, showcasing its features and benefits for quick and reliable engine starts. (Creator: Seller)

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Video 6: This AZ4UPARTS video features a starter motor replacement for Briggs & Stratton Intek I/C OHV 17-20HP engines, detailing its specifications and compatibility. (Creator: Seller)

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Video 7: This BDELI video presents a starter compatible with Briggs & Stratton, John Deere, and Cub Cadet engines, highlighting its features and broad application. (Creator: Seller)

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Video 8: This MotorStore.VN01 video showcases a starter motor replacement for Craftsman, Briggs & Stratton, and other compatible engines, detailing its features and benefits. (Creator: Seller)