

DB Electrical 410-22034

DB Electrical 410-22034 Starter Instruction Manual

Compatible with/Replacement for Briggs & Stratton Engines 695479

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INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your DB Electrical 410-22034 Starter. Please read these instructions carefully before attempting any procedures to ensure safe and effective use. This starter is designed as a compatible replacement for Briggs & Stratton Engines requiring part number 695479, among others.

SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always wear appropriate personal protective equipment (PPE) when handling and installing this product.

- Always disconnect the battery before working on the electrical system to prevent accidental starting or electrical shock.
- Ensure the engine is cool before beginning any work.
- Use appropriate tools for installation and removal.
- Verify all connections are secure and free from corrosion.
- Consult a qualified technician if you are unsure about any installation or repair procedures.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Unit Type	Starter
Voltage	12 Volts
Rotation	Counter-Clockwise (CCW)
Teeth	14
Material	Cast Iron
Dimensions (L x W x H)	6.5 x 4 x 3.5 inches
OEM Replacement Numbers	ARROWHEAD: 410-22034, BRIGGS & STRATTON: 695479, J & N: 410-22034, LESTER: 5937, ROTARY: 13096

SETUP & INSTALLATION

The DB Electrical 410-22034 Starter is designed for specific applications. It is crucial to verify that this part fits your equipment before beginning installation. Confirm the part number and specifications to ensure proper fit and performance. Professional installation is recommended.

- Preparation:** Ensure the engine is off and cool. Disconnect the negative terminal of the battery to prevent electrical hazards.
- Locate Old Starter:** Identify the existing starter motor on your Briggs & Stratton engine.
- Disconnect Wiring:** Carefully disconnect all electrical wiring from the old starter. Note the position of each wire for correct re-connection.
- Remove Old Starter:** Unbolt and remove the old starter from the engine block. Pay attention to any shims or mounting brackets.
- Install New Starter:** Position the new DB Electrical 410-22034 starter in place. Ensure the mounting holes align correctly. Secure it with the appropriate bolts, tightening them to the manufacturer's specifications.
- Connect Wiring:** Reconnect the electrical wiring to the new starter, ensuring all connections are tight and secure. Refer to your engine's specific wiring diagram if necessary.
- Reconnect Battery:** Reconnect the negative battery terminal.



This image shows a side view of the DB Electrical 410-22034 Starter, highlighting its main body and the gear assembly.



This image displays a front view of the starter, clearly showing the mounting points and the drive gear, essential for proper installation.

OPERATION

Once the starter is correctly installed and all electrical connections are secure, the engine can be started according to the manufacturer's instructions for your specific Briggs & Stratton engine. The starter motor engages the engine's flywheel to initiate combustion.

- Ensure the engine's fuel supply is on and the choke (if applicable) is set correctly.
- Turn the ignition key or press the start button. The starter motor will engage, turning the engine over.
- Release the key or button once the engine starts. Do not continuously crank the starter for more than 5-10 seconds to prevent overheating. Allow a brief cool-down period between starting attempts.



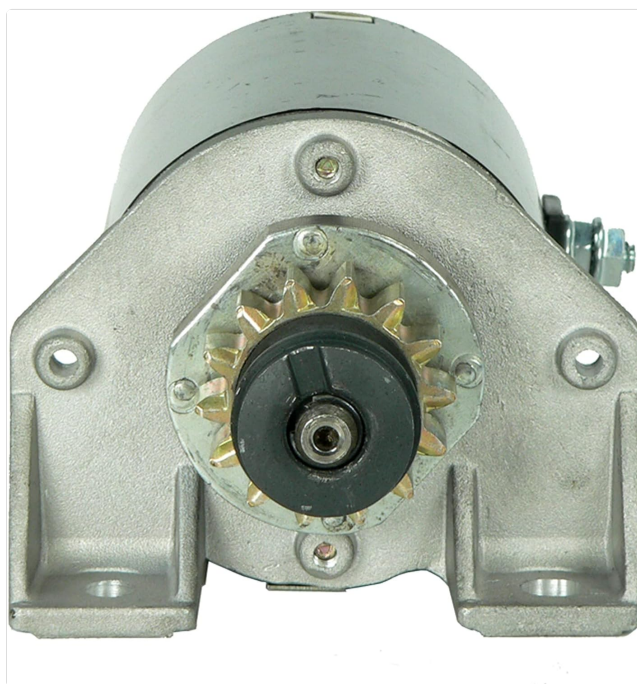
This image provides a rear angled view of the starter, showing the motor casing and the end cap.



This image shows a front angled view of the starter, detailing the electrical connection point and the drive end.

The DB Electrical 410-22034 Starter is designed for durability and routine service use. Regular inspection can help ensure its longevity and reliable performance.

- **Inspect Connections:** Periodically check all electrical connections to the starter for tightness and corrosion. Clean any corroded terminals with a wire brush.
- **Battery Health:** Ensure your battery is fully charged and in good condition. A weak battery can strain the starter motor.
- **Mounting Security:** Verify that the starter remains securely bolted to the engine. Loose mounting can cause damage.
- **Cleanliness:** Keep the starter free from excessive dirt, oil, and debris, which can impede its function or cause overheating.



A detailed close-up of the starter's drive gear and shaft, illustrating the components responsible for engaging the engine's flywheel.

TROUBLESHOOTING

If you experience issues with your starter, consider the following common troubleshooting steps:

- **Starter Does Not Engage:**
 - Check battery charge and connections.
 - Inspect starter solenoid and ignition switch for proper function.
 - Ensure all wiring is intact and not corroded.
- **Starter Engages but Engine Does Not Crank:**
 - Verify the starter gear is engaging the flywheel.
 - Check for mechanical issues within the engine itself (e.g., seized engine).
- **Starter Makes a Clicking Sound:**
 - Often indicates a low battery or a faulty solenoid.
 - Check battery terminals for corrosion or looseness.

- **Starter Grinds or Makes Loud Noises:**

- Could indicate improper alignment or damaged starter gear/flywheel teeth.
- Discontinue use and inspect for damage.

If these steps do not resolve the issue, it is recommended to consult a professional mechanic or contact DB Electrical customer support.

WARRANTY & SUPPORT

The DB Electrical 410-22034 Starter comes with a **1 Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or further support, please contact DB Electrical customer service through their official website or the retailer where the product was purchased. Please have your purchase information and product model number (410-22034) available when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question