Owigift B0978JDZBL

Owigift Starter Motor Instruction Manual

Model: B0978JDZBL

Product Overview

This manual provides essential information for the installation, operation, and maintenance of your Owigift Starter Motor, designed as a replacement for Briggs & Stratton 344cc 13.5 Gross HP Intek OHV Engines. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Figure 1: Owigift Starter Motor. This image shows the compact black cylindrical body of the starter motor with a gold-colored mounting bracket attached. A small black shaft extends from one end, and a bolt is visible near the other end.

Safety Information

Always prioritize safety when working with engine components. Disconnect the battery before beginning any installation or maintenance. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves. Ensure the engine is cool before handling components.

- Disconnect battery terminals before installation.
- Ensure engine is off and cool.
- Use correct tools for installation.
- Consult a qualified technician if unsure about any step.

Setup and Installation

This section outlines the general steps for replacing a starter motor. Specific procedures may vary slightly depending on your engine model. Refer to your engine's service manual for detailed instructions.

1. **Preparation:** Ensure the engine is turned off and cool. Disconnect the negative (-) battery cable, followed by the positive (+) battery cable.

2. **Locate Old Starter:** Identify the existing starter motor on your Briggs & Stratton engine. It is typically mounted near the flywheel.
3. **Disconnect Wiring:** Carefully disconnect all electrical connections from the old starter motor. Note the position of each wire for reinstallation.
4. **Remove Mounting Bolts:** Loosen and remove the bolts securing the old starter motor to the engine block. Support the starter motor as you remove the last bolt to prevent it from falling.
5. **Remove Old Starter:** Carefully extract the old starter motor from its mounting position.
6. **Install New Starter:** Position the new Owigift starter motor in place. Align the mounting holes and insert the mounting bolts. Tighten the bolts securely according to engine manufacturer specifications.
7. **Reconnect Wiring:** Reconnect all electrical wires to the new starter motor, ensuring correct polarity and secure connections.
8. **Reconnect Battery:** Reconnect the positive (+) battery cable, then the negative (-) battery cable.

Operating Instructions

Once the new starter motor is installed, the engine should start normally. Follow your engine's standard starting procedure.

- Ensure all safety checks are performed before starting the engine.
- Turn the ignition key to the "START" position. The starter motor will engage the engine's flywheel to initiate combustion.
- Release the key once the engine starts. Do not continuously crank the engine for more than 5-10 seconds to prevent overheating the starter motor. Allow a brief cool-down period between attempts if the engine does not start immediately.

Maintenance

The Owigift Starter Motor is designed for durability and requires minimal maintenance. However, periodic checks can extend its lifespan.

- **Connection Check:** Periodically inspect all electrical connections to the starter motor for tightness and corrosion. Clean any corroded terminals.
- **Battery Condition:** Ensure your engine's battery is in good condition and fully charged. A weak battery can put excessive strain on the starter motor.
- **Mounting Security:** Check that the starter motor mounting bolts remain tight.

Troubleshooting

If you encounter issues with your starter motor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Starter motor does not turn or clicks once.	Dead or weak battery; Loose or corroded battery cables; Faulty ignition switch; Solenoid issue.	Charge or replace battery; Clean and tighten battery terminals; Check ignition switch and wiring; Inspect solenoid connections.
Starter motor spins but engine does not crank.	Bendix drive not engaging flywheel; Damaged flywheel teeth.	Inspect Bendix gear and flywheel for damage. Replacement may be necessary.

Problem	Possible Cause	Solution
Starter motor makes grinding noise.	Misalignment; Damaged Bendix gear or flywheel teeth.	Verify proper mounting; Inspect Bendix gear and flywheel for wear or damage.

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

Specifications

Attribute	Value
Brand	Owigift
Model Compatibility	Briggs & Stratton 344cc 13.5 Gross HP Intek OHV Engine
Material	Alloy Steel
Voltage	12 Volts
Wattage	1.4 KW
Phase Type	Single Phase
Manufacturer	Owigift
UPC	017015815598
ASIN	B0978JDZBL
Date First Available	June 15, 2021

Warranty Information

Specific warranty details are typically provided at the point of purchase or on the manufacturer's official website. Please retain your proof of purchase for any warranty claims. For information regarding the return policy, refer to the seller's terms and conditions, which typically allow for returns within 30 days for refund or replacement.

Customer Support

For further assistance or inquiries regarding your Owigift Starter Motor, please contact the seller directly through the platform where the purchase was made. You may also visit the official Owigift brand page for additional product information and support resources.
Seller: HALA NGUYEN
Note: Always refer to the latest contact information provided by the seller or manufacturer.

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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.

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