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> Recoil Pull Start Starter User Manual

BMotorParts Recoil Pull Start Starter (ASIN: B083885MM3)

Recoil Pull Start Starter User Manual

Model: Recoil Pull Start Starter (ASIN: B083885MM3)

Brand: BMotorParts

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the BMotorParts Recoil Pull Start Starter. This component is designed as a replacement part for Yerf Dog Go Karts equipped with Tecumseh 6.0HP Power Sport Engines. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: The BMotorParts Recoil Pull Start Starter, showing the black pull handle and the main housing with ventilation slots.

SPECIFICATIONS

Attribute	Detail
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Product Name	Recoil Pull Start Starter
Brand	BMotorParts
Model Compatibility	Yerf Dog Go Kart w/ Tecumseh 6.0HP Power Sport Engine
Material	Metal
Voltage (DC)	12 Volts
ASIN	B083885MM3

SETUP AND INSTALLATION

The Recoil Pull Start Starter is a direct replacement part. Professional installation is recommended. Ensure the engine is turned off and cooled down before beginning any installation work. Disconnect the spark plug wire to prevent accidental starting.

- 1. Preparation:** Gather necessary tools, which may include wrenches, screwdrivers, and possibly a puller if the old starter is seized.
- 2. Remove Old Starter:** Locate the existing recoil pull start assembly on your Yerf Dog Go Kart's Tecumseh 6.0HP engine. Carefully unbolt and remove the old starter. Note the orientation and any specific mounting points.
- 3. Inspect Mounting Area:** Clean the mounting surface on the engine block to ensure a flush fit for the new starter.
- 4. Install New Starter:** Align the new BMotorParts Recoil Pull Start Starter with the mounting holes. Ensure the recoil mechanism engages correctly with the engine's flywheel. Secure the starter with the appropriate bolts, tightening them evenly to prevent stress on the housing.
- 5. Test Engagement:** Before fully reassembling, gently pull the starter cord to ensure smooth engagement and retraction.
- 6. Final Assembly:** Reconnect the spark plug wire.

Always refer to your specific go-kart or engine service manual for detailed installation procedures and torque specifications.

OPERATING INSTRUCTIONS

Once installed, the recoil pull start starter operates as the primary method for manually starting your engine.

- 1. Engine Preparation:** Ensure the engine is properly primed (if applicable) and the choke is set according to the engine manufacturer's recommendations for starting.
- 2. Pulling the Cord:** Grasp the pull handle firmly. Pull the cord slowly until you feel resistance (this indicates the starter pawls have engaged the flywheel).
- 3. Starting the Engine:** With a firm, smooth, and rapid motion, pull the cord straight out from the starter. Do not yank the cord to its full extension or let it snap back. Allow the cord to retract slowly and smoothly into the housing.
- 4. Repeat if Necessary:** If the engine does not start on the first pull, repeat the process.

Note: Excessive force or allowing the cord to snap back can damage the starter mechanism or the cord itself.

MAINTENANCE

Regular maintenance can extend the life of your recoil pull start starter.

- **Keep Clean:** Periodically clean the exterior of the starter housing to prevent dirt and debris buildup, which can impede the cord's retraction.
- **Inspect Cord:** Regularly inspect the pull cord for fraying, cuts, or excessive wear. Replace the cord if any damage is observed.
- **Check Retraction:** Ensure the cord retracts fully and smoothly after each pull. If it sticks or retracts slowly, the internal spring mechanism may require inspection or lubrication (consult a professional).
- **Mounting Bolts:** Periodically check that the mounting bolts are secure and tight.

TROUBLESHOOTING

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

- **Cord Does Not Retract:**
 - *Possible Cause:* Spring mechanism is broken or dislodged.
 - *Solution:* This typically requires disassembly and repair or replacement of the spring. Professional service is recommended.
 - *Possible Cause:* Cord is jammed or tangled.
 - *Solution:* Inspect the cord entry point for obstructions.
- **Cord Pulls Freely Without Engaging Engine:**
 - *Possible Cause:* Starter pawls are stuck, broken, or not extending.
 - *Solution:* The internal pawl mechanism may need cleaning, lubrication, or replacement.
 - *Possible Cause:* Flywheel cup is damaged or worn.
 - *Solution:* Inspect the flywheel cup for damage. This is an engine component, not part of the starter.
- **Cord is Frayed or Broken:**
 - *Possible Cause:* Normal wear and tear or improper pulling technique.
 - *Solution:* Replace the pull cord. Ensure the replacement cord is of appropriate strength and length.

For issues not listed here or if troubleshooting steps do not resolve the problem, contact a qualified service technician.

WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the terms and conditions provided by BMotorParts at the time of purchase or visit their official website. For technical support or assistance with replacement parts, please contact BMotorParts customer service.

Please have your product model (ASIN: B083885MM3) and purchase date available when contacting support.

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This manual is for informational purposes only. BMotorParts is not responsible for any damage or injury resulting from improper installation or use of this product.