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## CUIPPWRJ LC1P75F

# CUIPPWRJ Recoil Starter Instruction Manual

For Loncin 170, LC1P75F, 1P75F, 1P75, 224CC, 7HP Vertical Axis Gasoline Engines

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your CUIPPWRJ Recoil Starter. Designed as a replacement part, this recoil starter is crucial for initiating the operation of compatible gasoline engines. Please read this manual thoroughly before attempting any installation or use to ensure safety and optimal performance.

## 2. COMPATIBILITY

The CUIPPWRJ Recoil Starter is designed to be compatible with a range of vertical axis gasoline engines. Verify your engine model against the list below:

- Weibang Loncin 170 Engines
- Loncin LC1P75F Engines
- Loncin 1P75F Engines
- Loncin 1P75 Engines
- 224CC 7HP Vertical Axis Gasoline Engines

This recoil starter is a direct replacement for the original part on these specified engine models.

## 3. PACKAGE CONTENTS

Upon opening your package, please ensure all components are present and undamaged:

- 1 x CUIPPWRJ Recoil Starter Assembly



Figure 1: Top view of the CUIPPWRJ Recoil Starter assembly.

## 4. SPECIFICATIONS

Refer to the table below for detailed product specifications:

Feature	Detail
Product Type	Recoil Starter
Material	Carbide
Compatible Engine Models	LC1P75F, 1P75F, 1P75, 224CC, 7HP
Item Weight	1.76 ounces (approx. 50 grams)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Assembly Required	No (pre-assembled unit)



Figure 2: Recoil Starter with approximate diameter measurement of 20.5 cm.

## 5. INSTALLATION

This section outlines the general steps for replacing a recoil starter. Specific engine designs may vary, so always consult your engine's primary service manual for detailed instructions. Ensure the engine is cool and disconnected from any power source before beginning.

### 5.1. Tools Required (Typical)

- Socket wrench set
- Screwdriver set
- Gloves and safety glasses

### 5.2. Installation Steps

1. **Prepare the Engine:** Ensure the engine is turned off and has cooled down. Disconnect the spark plug wire to prevent accidental starting.
2. **Locate the Old Recoil Starter:** The recoil starter is typically mounted on the top or side of the engine, often covered by a shroud.
3. **Remove the Old Starter:** Unscrew the bolts or nuts securing the old recoil starter to the engine housing. Carefully lift the old starter away. Note the orientation for the new installation.
4. **Inspect Mounting Area:** Clean any debris or dirt from the engine's mounting surface before installing the new starter.

5. **Install the New Recoil Starter:** Position the CUIPPWRJ Recoil Starter onto the engine, aligning the mounting holes. Ensure the starter pawls (if visible) are correctly oriented to engage with the flywheel.
6. **Secure the Starter:** Insert and tighten the mounting bolts or nuts. Do not overtighten, as this can damage the housing.
7. **Test Engagement:** Gently pull the starter cord a few times to ensure the pawls engage the flywheel smoothly and the cord retracts fully.
8. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Figure 3: Example of a compatible Loncin engine, with the recoil starter location typically at the top.

## 6. OPERATION

Once the recoil starter is correctly installed, operating it is straightforward:

1. **Prepare Engine:** Ensure the engine is primed (if applicable) and the choke is set according to the engine manufacturer's instructions.
2. **Grasp Handle:** Firmly grasp the recoil starter handle.
3. **Pull Cord:** Pull the starter cord slowly until you feel resistance (this indicates the starter pawls have

engaged the flywheel).

4. **Start Engine:** With a quick, strong, and continuous pull, extend the cord fully. Do not let the cord snap back; guide it gently as it retracts.
5. **Repeat if Necessary:** If the engine does not start, repeat the process.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and reliable operation of your recoil starter.

- **Cleaning:** Periodically clean the exterior of the recoil starter to remove dirt, grass clippings, and debris. Use a dry cloth or soft brush. Avoid using harsh chemicals.
- **Cord Inspection:** Regularly inspect the starter cord for fraying, cuts, or excessive wear. Replace the cord if any damage is observed.
- **Spring Tension:** If the cord does not retract fully or feels loose, the internal spring may need inspection or replacement by a qualified technician.
- **Storage:** When not in use for extended periods, store the engine in a clean, dry environment to protect the recoil starter from moisture and corrosion.

## 8. TROUBLESHOOTING

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Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Cord does not retract fully	Broken or weak recoil spring; debris inside housing	Inspect for debris; replace recoil spring (professional service recommended)
Cord is hard to pull or stuck	Engine compression; starter pawls jammed; debris	Ensure engine is not seized; check for debris; lubricate pawls if accessible
Starter pulls but engine does not crank	Starter pawls not engaging flywheel; flywheel damage	Inspect pawls for wear or damage; check flywheel for damage
Cord is frayed or broken	Normal wear and tear; improper pulling technique	Replace the starter cord

## 9. SAFETY INFORMATION

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Always prioritize safety when working with engine components:

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the engine is completely off, cool, and the spark plug wire is disconnected before performing any maintenance or installation.
- Keep hands, feet, and clothing away from moving parts.
- Do not attempt to modify the recoil starter. Use only genuine replacement parts.
- If you are unsure about any procedure, consult a qualified service technician.

## 10. WARRANTY AND SUPPORT

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For information regarding warranty coverage, technical support, or replacement parts, please refer to the contact information provided by your retailer or the CUIPPWRJ brand's official channels. Keep your purchase receipt as proof of purchase.