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Hicello HI070050052083RK

Hicello Chainsaw Recoil Pull Starter Assembly User Manual

Model: HI070050052083RK

1. Product Overview

This manual provides instructions for the Hicello Recoil Pull Starter Assembly, designed as a replacement part for various Chinese chainsaws. It is compatible with 45cc, 52cc, and 58cc engines, specifically models 4500, 5200, and 5800. This assembly facilitates manual engine starting via a pull rope mechanism.



Figure 1: Hicello Recoil Pull Starter Assembly.

Key Features:

- **Compatibility:** Designed for Chinese chainsaw models 4500, 5200, 5800 with 45cc, 52cc, and 58cc engines.
- **Function:** Replaces the original recoil starter, enabling manual engine ignition.
- **Durability:** Constructed from materials selected for hardness and resistance to breakage.
- **Installation:** Engineered for straightforward replacement.

2. Specifications

Attribute	Detail
Brand	Hicello
Model Number	HI070050052083RK
Item Weight	9.2 ounces
Product Dimensions	13.98 x 10.59 x 2.6 inches
Power Source	Gasoline-powered (for compatible chainsaws)
Item Package Quantity	1
UPC	653334416674



Figure 2: Detailed dimensions of the recoil starter assembly (185mm length, 94mm height, 110mm width at base).

3. Installation Guide

This recoil starter assembly is designed for direct replacement. Ensure your chainsaw model matches the compatibility requirements (45cc, 52cc, 58cc Chinese chainsaws, models 4500, 5200, 5800) before proceeding.

Tools Required:

- Screwdriver (appropriate size for your chainsaw's housing screws)

Installation Steps:

1. **Safety First:** Ensure the chainsaw engine is off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Remove Old Starter:** Locate and remove the screws securing the existing recoil starter assembly to the chainsaw housing. Carefully detach the old assembly.
3. **Inspect Mounting Area:** Clean any debris from the mounting surface on the chainsaw.
4. **Position New Starter:** Align the new Hicello Recoil Pull Starter Assembly with the mounting holes on the chainsaw.
5. **Secure New Starter:** Insert and tighten the screws to firmly attach the new assembly. Do not overtighten.
6. **Verify Functionality:** Gently pull the starter rope a few times to ensure smooth operation and proper recoil.
7. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Figure 3: Illustrates the process of replacing the recoil starter on a chainsaw.



Figure 4: The new recoil starter assembly positioned for installation on a chainsaw.

4. Operating Instructions

Once the recoil starter assembly is correctly installed, follow your chainsaw's manufacturer guidelines for starting the engine. The Hicello recoil starter provides the pull mechanism for ignition.

General Starting Procedure (Refer to your chainsaw's manual for specifics):

1. **Prime the Engine:** If your chainsaw has a primer bulb, press it several times until fuel is visible.
2. **Set Choke:** Engage the choke lever to the "full choke" position.
3. **Engage Throttle Lock:** If applicable, engage the throttle lock or half-throttle setting.
4. **Position Chainsaw:** Place the chainsaw on a firm, flat surface. Ensure the chain brake is engaged.
5. **Secure Chainsaw:** Hold the chainsaw firmly with one hand on the front handle and place your foot through the rear handle to stabilize it.
6. **Pull Starter Rope:** Grasp the starter handle and pull the rope slowly until you feel resistance, then pull with a rapid, full arm stroke. Do not pull the rope to its full extension or let it snap back.
7. **Listen for Ignition:** The engine should "pop" or briefly ignite.
8. **Disengage Choke:** Once the engine pops, disengage the choke to the "half choke" or "run" position.
9. **Restart Engine:** Pull the starter rope again with a rapid stroke until the engine starts.
10. **Warm-up:** Allow the engine to warm up for a few moments before disengaging the chain brake and beginning operation.

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Video 1: Demonstrates the functionality and operation of the Chainsaw Recoil Pull Starter Assembly. This video shows the pull cord being extended and retracting smoothly, highlighting the product's design and ease of use.

5. Maintenance

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

- **Regular Cleaning:** Keep the starter assembly free from sawdust, dirt, and debris. Use a brush or compressed air to clean the vents and internal components.
- **Inspect Rope:** Periodically check the starter rope for fraying, cuts, or excessive wear. Replace the rope if any damage is observed.
- **Inspect Handle:** Ensure the starter handle is securely attached and not damaged.
- **Lubrication:** Lightly lubricate the recoil spring and pulley mechanism with a dry lubricant if movement becomes stiff. Avoid excessive lubrication which can attract dirt.
- **Storage:** When not in use, store the chainsaw in a clean, dry environment to prevent corrosion and damage to the starter mechanism.



Figure 5: Internal view of the recoil starter, showing the pulley and spring mechanism. Regular inspection of these parts is crucial for maintenance.

6. Troubleshooting

If you encounter issues with your recoil starter, consult the following common problems and solutions.

Problem	Possible Cause	Solution

Starter rope does not retract fully.	Recoil spring is weak or broken; debris in mechanism.	Clean the mechanism. If the spring is broken, the entire assembly may need replacement.
Rope pulls out but engine does not crank.	Pawls (dogs) not engaging flywheel; internal mechanism broken.	Inspect the pawls for damage or wear. Ensure they extend properly. Replace assembly if internal damage is found.
Rope is frayed or broken.	Normal wear and tear; improper pulling technique.	Replace the starter rope. Ensure to pull the rope smoothly and avoid letting it snap back.
Starter assembly feels loose after installation.	Mounting screws are not tightened sufficiently.	Check and tighten all mounting screws.

7. Warranty and Support

Hicello is committed to customer satisfaction. If you have any questions or concerns regarding your recoil pull starter, please contact us.

- **Return Policy:** This product is eligible for a refund or replacement within 30 days of purchase.
- **Contact Support:** For assistance, please visit the Hicello Store on Amazon or refer to your purchase documentation for direct contact information.

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