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LiGuVCY Alla-USF7-9149

LiGuVCY RV40 Pull Recoil Start Replacement Instruction Manual

Model: Alla-USF7-9149

1. Product Overview

This manual provides instructions for the LiGuVCY RV40 Pull Recoil Start Replacement. This component is designed to replace damaged or worn recoil starters on compatible lawnmower models, ensuring reliable engine starting.

1.1 Compatibility

This recoil start replacement is compatible with the following lawnmower models and part numbers:

- Mountfield HP454 Lawnmower
- Mountfield RV40, RV150, SV150, V35, V35R Lawnmowers
- Replaces part number 118550139/0

Always verify your lawnmower's model and part number before installation to ensure proper fitment.

1.2 Package Contents

- 1x LiGuVCY RV40 Pull Recoil Start Replacement

1.3 Product Features

- Constructed from durable materials for stable performance and reliability.
- Designed for precise fit and easy installation.
- Ensures smooth operation of the lawnmower's starting mechanism.

Product Show



Figure 1: Top view of the LiGuVCY RV40 Pull Recoil Start Replacement, showing the main housing and the pull handle.

Product Show



Figure 2: Front view of the recoil start, highlighting the central mechanism and mounting points.

Product Show



Figure 3: Internal view of the recoil start, showing the spring mechanism and rope spool.

2. Installation (Setup)

This section outlines the general procedure for replacing a recoil start. Specific steps may vary slightly depending on your lawnmower model. If you are unsure, consult your lawnmower's service manual or a qualified technician.

2.1 Safety Precautions

- **Always disconnect the spark plug wire** before performing any maintenance or installation to prevent accidental engine starting.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Ensure the lawnmower is on a stable, level surface.
- Allow the engine to cool completely before beginning work.

2.2 Removal of Old Recoil Start

1. Locate the existing recoil start assembly on your lawnmower engine.

2. Identify and remove the mounting bolts or screws that secure the recoil start to the engine housing. Keep track of all fasteners.
3. Carefully detach the old recoil start assembly. Note how the pull rope is routed and connected, if applicable.

2.3 Installation of New Recoil Start

1. Position the new LiGuVCY RV40 Pull Recoil Start Replacement onto the engine housing, aligning the mounting holes.
2. Secure the new recoil start using the original mounting bolts or screws. Ensure they are tightened securely, but do not overtighten.
3. Verify that the pull rope extends and retracts smoothly without obstruction.
4. Reconnect the spark plug wire.

Product Show



Figure 4: Side view of the recoil start, showing the pull handle and the side of the housing.

3. Operation

After successful installation, the recoil start operates as a standard lawnmower starting mechanism.

3.1 Starting the Lawnmower

1. Ensure the lawnmower is filled with the correct fuel and oil as per its manufacturer's recommendations.
2. Set the throttle control to the "Start" or "Choke" position, if applicable.
3. Firmly grasp the recoil start handle.
4. Pull the handle slowly until you feel resistance, then pull it quickly and smoothly with a full arm stroke. Do not release the handle until the rope is fully retracted.
5. Repeat if necessary until the engine starts.
6. Once the engine starts, gradually move the throttle to the "Run" position.

Note: *Avoid letting the rope snap back against the engine, as this can damage the recoil mechanism. Guide the rope back gently.*

4. Maintenance

Proper maintenance extends the life of your recoil start and ensures reliable operation.

4.1 General Care

- **Keep Clean:** Regularly clean the exterior of the recoil start to prevent dirt, grass clippings, and debris from accumulating. Use a brush or compressed air.
- Inspect the pull rope periodically for signs of fraying or wear. Replace the rope if it shows significant damage.
- Ensure the recoil spring mechanism operates smoothly. If it feels stiff or sticky, light lubrication may be applied to moving parts (consult your lawnmower's manual for recommended lubricants).

5. Troubleshooting

If you encounter issues with your recoil start, refer to the following common problems and solutions.

5.1 Common Issues

Problem	Possible Cause	Solution
Pull rope does not retract fully.	Damaged or weak recoil spring; debris obstructing the mechanism.	Clean the mechanism. If the spring is damaged, the recoil start may need replacement.
Pull rope is hard to pull or feels stuck.	Engine compression (normal); internal mechanism binding; debris.	Ensure spark plug is connected. Check for debris. If the engine is seized, consult a technician.
Engine does not start after pulling.	Not a recoil start issue; fuel, spark, or compression problem.	Check fuel level, spark plug condition, and air filter. Consult your lawnmower's manual for engine troubleshooting.
Pull rope is frayed or broken.	Wear and tear; improper pulling technique.	Replace the pull rope. Ensure smooth, consistent pulls during operation.

If problems persist after attempting these solutions, it is recommended to consult a qualified service technician.

6. Specifications

Specification	Detail
Model Number	Alla-USF7-9149

Specification	Detail
Manufacturer	LiGuVCY
Product Dimensions	13.98 x 9.45 x 7.87 inches
Item Weight	1.63 pounds
Compatible Part Number	118550139/0

7. Warranty Information

Specific warranty terms for the LiGuVCY RV40 Pull Recoil Start Replacement are typically provided by the seller or manufacturer at the time of purchase. Please refer to your purchase documentation or contact the seller directly for detailed warranty information, including coverage period and claim procedures.

8. Support

For further assistance, technical support, or inquiries regarding this product, please contact the seller or the manufacturer, LiGuVCY. You may find additional information or contact details on the LiGuVCY Store on Amazon.

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