

GreenGoo AV9610001

GreenGoo Recoil Starter User Manual

MODELS: 11099-40A3, 12099-40A3 (PART NUMBER AV9610001)

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your GreenGoo Recoil Starter. Please read these instructions carefully before attempting any installation or use. Keep this manual for future reference.

2. Safety Information

Always prioritize safety when working with power equipment and replacement parts.

- Ensure the lawnmower engine is completely off and cool before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Use the correct tools for the job to avoid damage to the part or injury.
- If you are unsure about any step, consult a qualified technician or refer to your lawnmower's specific service manual.

3. Compatibility

This GreenGoo Recoil Starter is designed for compatibility with:

- **Lawnmower Models:** Dunsch LEA RIWALL 11099-40A3, 12099-40A3
- **Engine Type:** Ducar DS325

Please verify your lawnmower's model and engine type before installation to ensure proper fit and function.

4. Package Contents

Your GreenGoo Recoil Starter package should contain:

- 1 x GreenGoo Recoil Starter Assembly (Model AV9610001)

5. Setup and Installation

Replacing a recoil starter typically involves removing the old unit and securing the new one. The exact procedure may vary slightly depending on your specific lawnmower model. Always refer to your lawnmower's owner's manual for detailed instructions.

Required Tools:

- Screwdriver (Phillips or flathead, depending on fasteners)
- Wrench or socket set (if bolts are used)

Installation Steps:

1. **Prepare the Lawnmower:** Ensure the engine is off, cool, and the spark plug wire is disconnected.
2. **Locate the Old Starter:** The recoil starter is usually mounted on top or the side of the engine housing.
3. **Remove the Old Starter:** Unscrew or unbolt the fasteners holding the old starter in place. Carefully lift it off the engine. Note how the starter engages with the engine's flywheel cup.
4. **Inspect the Area:** Clean any debris from the mounting surface and inspect the flywheel cup for damage.
5. **Install the New Starter:** Position the new GreenGoo Recoil Starter, ensuring the starter pawls properly engage with the flywheel cup. Align the mounting holes.
6. **Secure the Starter:** Insert and tighten the screws or bolts. Do not overtighten, as this can strip threads or crack the housing.
7. **Test Engagement:** Gently pull the starter cord a few times to ensure smooth engagement and retraction.
8. **Reconnect Spark Plug:** Reconnect the spark plug wire.

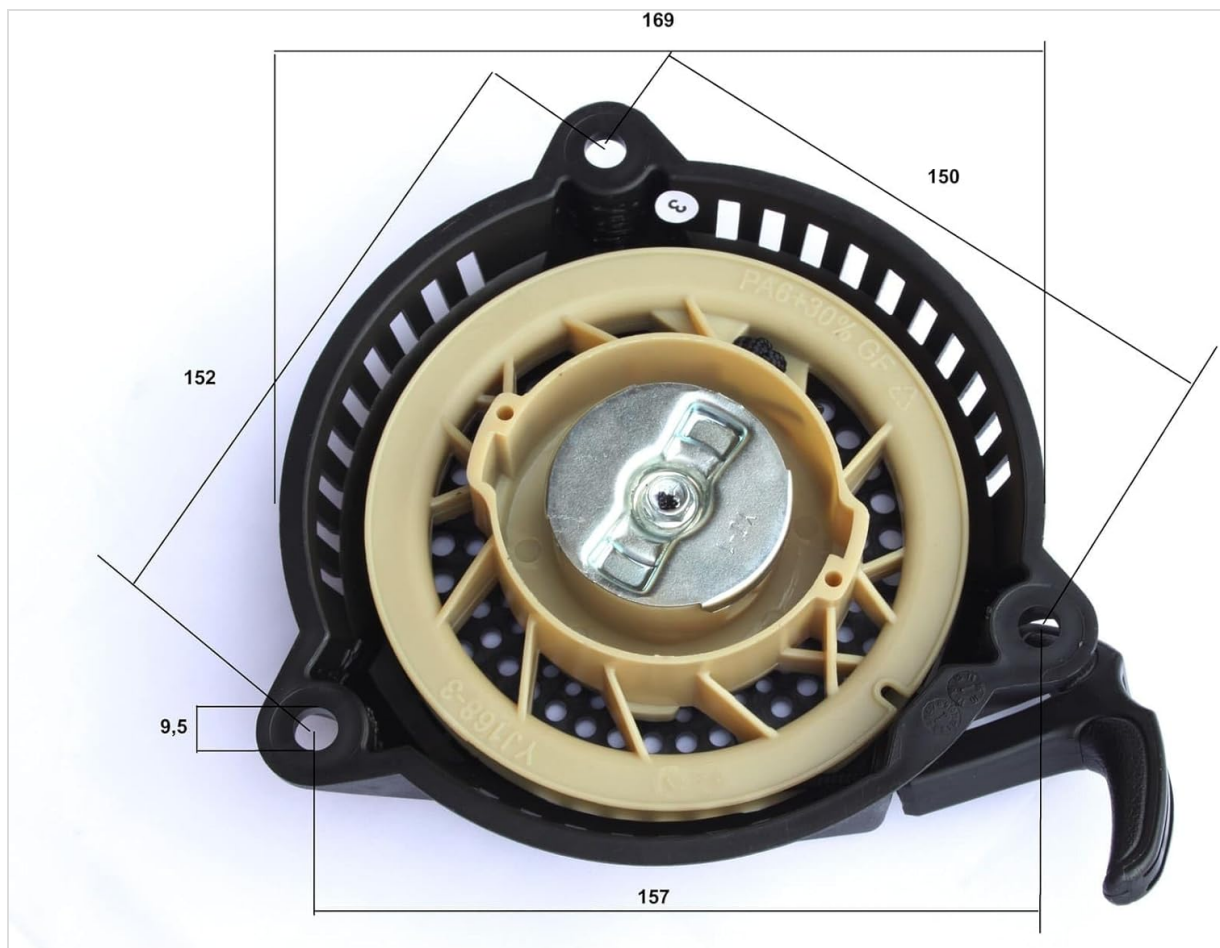


Figure 1: Top view of the GreenGoo Recoil Starter, showing the pull handle and housing design.



Figure 2: Technical diagram illustrating various views and key dimensions of the recoil starter mechanism, including the black plastic housing and internal beige components. Dimensions are provided in millimeters.



Figure 3: Side view of the recoil starter, highlighting its profile and overall height dimension of 45mm.

6. Operation

To start your lawnmower using the recoil starter:

1. Ensure the lawnmower is in a safe operating position on a level surface.
2. Follow your lawnmower's specific starting procedure (e.g., prime bulb, choke setting, throttle position).
3. Grasp the starter handle firmly.
4. Pull the cord slowly until you feel resistance, then pull it quickly and smoothly with a full arm stroke. Do not pull the cord to its absolute maximum length or let it snap back.
5. Repeat if necessary until the engine starts.
6. Once the engine starts, allow the cord to retract fully and gently place the handle back into its guide.

7. Maintenance

Proper maintenance extends the life of your recoil starter:

- **Keep Clean:** Periodically clean the starter housing to prevent dirt and debris from interfering with the cord's retraction mechanism.
- **Inspect Cord:** Regularly check the starter cord for fraying, cuts, or excessive wear. Replace the cord if any damage is observed.
- **Inspect Handle:** Ensure the starter handle is securely attached and not damaged.

- **Smooth Operation:** If the cord becomes difficult to pull or retracts slowly, it may indicate internal issues. Do not attempt to lubricate internal components unless specified by the manufacturer, as this can attract dirt.

8. Troubleshooting

Problem	Possible Cause	Solution
Cord does not retract fully.	Spring issue, debris inside, or cord damage.	Clean housing. If spring is broken, replacement of the entire starter assembly is usually required.
Cord is hard to pull.	Engine compression, internal starter friction, or debris.	Check engine for issues. Clean starter. Ensure proper engagement.
Engine does not start after pulling.	Not a starter issue; engine problem.	Refer to your lawnmower's engine troubleshooting guide (e.g., fuel, spark, compression).
Starter handle is loose or broken.	Wear and tear.	Replace the starter assembly or the handle/cord if possible and compatible.

9. Specifications

Product Dimensions: 19 x 19 x 5 cm

Part Number: AB9610001

Power Source Type: Hand-powered

Manufacturer: GreenGoo

Item Model Number: AV9610001

ASIN: B0F2QXMWDR

10. Warranty and Support

For warranty information or technical support, please refer to the GreenGoo official website or contact your retailer. Keep your proof of purchase for any warranty claims.