

Steelite AZDG597

Steelite 16-Inch 1800W Corded Electric Lawn Mower User Manual

Model: AZDG597

1. IMPORTANT SAFETY INSTRUCTIONS

Read and understand all instructions before operating this lawn mower. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses, sturdy footwear, and hearing protection. Do not operate the mower barefoot or in open-toed sandals.
- **Area Preparation:** Before mowing, clear the area of objects such as rocks, sticks, wires, and toys that could be thrown by the blade. Keep children, pets, and bystanders at a safe distance (at least 50 feet / 15 meters) from the operating area.
- **Electrical Safety:** This is a corded electric appliance. Ensure the power outlet matches the mower's voltage. Use only extension cords rated for outdoor use and in good condition. Always use a Ground Fault Circuit Interrupter (GFCI) protected outlet. Keep the power cord away from the cutting blade and avoid damaging it.
- **Operation:** Never operate the mower in wet grass or rain. Always push the mower forward, never pull it towards you. Maintain a firm grip on the handles. Do not bypass safety features.
- **Maintenance:** Disconnect the power supply before performing any maintenance, cleaning, or when clearing a clogged chute.

2. SETUP AND ASSEMBLY

The Steelite 16-Inch Electric Lawn Mower requires some assembly before first use. Follow these steps carefully.

2.1 Handle Assembly

1. Unfold the lower handle section and align it with the mower body.
2. Secure the lower handle using the provided bolts and knobs. Ensure they are tightened securely.
3. Attach the upper handle section to the lower handle. Tighten the knobs to secure the handle firmly.
4. Route the power cable along the handle and secure it with the cable holders provided.

Video: Installation guide for the STEELITE 16-inch corded lawn mower, demonstrating handle assembly and cable management.

2.2 Grass Collection Bag Assembly

1. Assemble the grass collection bag frame and fabric according to the diagrams in the separate assembly sheet. Ensure all clips are securely fastened.
2. Lift the rear discharge flap of the mower.
3. Hook the assembled grass collection bag onto the mower's rear housing. Ensure it is seated correctly and securely to prevent clippings from escaping.

2.3 Power Connection

1. Locate the male plug on the mower's handle. Note that it may have a protective cover that needs to be removed.
2. Connect a suitable outdoor-rated extension cord to the mower's plug. Ensure the connection is secure and the cord is not damaged.
3. Plug the extension cord into a GFCI-protected outdoor power outlet.



Image: The Steelite 16-Inch Electric Lawn Mower fully assembled and ready for use.

3. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your lawn mower.

3.1 Adjusting Cutting Height

The mower features a 6-position height adjustment lever, allowing you to select cutting heights from 25mm (1 inch) to 75mm (3 inches).

1. Ensure the mower is unplugged and stationary.
2. Locate the height adjustment lever on the side of the mower deck.
3. Pull the lever outwards and move it forward or backward to the desired height setting. Release the lever to lock it into position.
4. For best results, avoid cutting more than one-third of the grass blade length at a time.



Image: Close-up of the 6-position height adjustment lever, showing settings from 25mm to 75mm.

3.2 Starting and Stopping the Mower

The mower is equipped with a dual safety start mechanism to prevent accidental activation.

1. **To Start:** Press and hold the Lock-Off Button (1) located on the handle. While holding the button, pull the ON/OFF Trigger (2) towards the handle. Release the Lock-Off Button once the motor starts.
2. **To Stop:** Release the ON/OFF Trigger. The blade will stop rotating within a few seconds.



Image: The dual safety start mechanism, highlighting the Lock-Off Button and ON/OFF Trigger on the handle.

3.3 Mowing Techniques

- Mow in overlapping rows to ensure even coverage.
- For best results, mow when the grass is dry.
- Always direct the discharge chute away from people and objects.
- When turning, release the trigger to stop the blade, then restart after repositioning.



Image: A person demonstrating the use of the Steelite 16-Inch Electric Lawn Mower in a typical lawn setting.

3.4 Emptying the Grass Collection Bag

The 11-gallon (40L) grass collection bag should be emptied regularly to maintain optimal cutting performance.

1. Stop the mower and disconnect it from the power supply.
2. Lift the rear discharge flap and carefully remove the grass collection bag.
3. Empty the clippings into a suitable receptacle.
4. Reattach the grass collection bag securely before resuming operation.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your lawn mower.

4.1 Cleaning

- Always disconnect power before cleaning.
- Use a brush or cloth to remove grass clippings and debris from the mower deck, wheels, and grass bag.
- Do not use water hoses or high-pressure washers directly on the mower, as this can damage electrical components.
- Clean the underside of the deck regularly to prevent buildup that can affect cutting performance.

4.2 Blade Care

- Inspect the blade regularly for sharpness, cracks, or damage. A dull or damaged blade can lead to poor cutting quality and increased motor strain.
- If the blade requires sharpening or replacement, it is recommended to have this done by a qualified service technician.
- When handling the blade, always wear heavy-duty gloves.

4.3 Storage

- Clean the mower thoroughly before storing.
- Store the mower in a dry, secure location, out of reach of children.
- The handle can be folded for compact storage.

ULTRA LIGHT WEIGHT

Easy To Transport, Store



27 LBS
ONLY WEIGHT

Image: The Steelite lawn mower being carried, demonstrating its lightweight design for easy transport and storage.

5. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Mower does not start	No power supply; Safety switch not engaged; Faulty extension cord	Check power outlet and extension cord connection; Ensure Lock-Off Button and ON/OFF Trigger are pressed correctly; Try a different extension cord.
Poor cutting performance	Dull or damaged blade; Cutting height too low for grass type; Wet grass; Grass bag full	Inspect and sharpen/replace blade; Adjust cutting height; Mow when grass is dry; Empty grass bag.

Problem	Possible Cause	Solution
Excessive vibration	Bent or unbalanced blade; Debris caught in blade area	Disconnect power and inspect blade for damage or debris. If blade is bent, replace it. Seek professional service if issue persists.
Grass bag not collecting effectively	Grass bag not properly attached; Chute clogged; Bag damaged	Ensure grass bag is securely hooked; Disconnect power and clear any blockages; Inspect bag for tears or damage.

6. SPECIFICATIONS

Technical details for the Steelite 16-Inch 1800W Corded Electric Lawn Mower.

Brand: Steelite

Model Number: AZDG597

Power Source: Corded Electric (AC)

Motor Power: 1800W

Cutting Width: 16 Inches (400mm)

Cutting Height Adjustment: 6 Positions (1 to 3 Inches / 25mm to 75mm)

Grass Collection Bag Capacity: 11 Gallons (40 Liters)

Item Weight: 27 Pounds

Product Dimensions (D x W x H): 27" x 12" x 18"

Material: Stainless Steel (blade), Plastic (housing)

Assembly Required: Yes



Image: An internal view of the mower, illustrating the powerful 1800W motor with 3400 RPM for efficient cutting.

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

This Steelite lawn mower is covered by a **2-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, neglect, accident, unauthorized repairs, or normal wear and tear.

7.2 Customer Support

For technical assistance, warranty claims, or to order replacement parts, please contact Steelite customer support. Refer to your purchase documentation or the Steelite official website for the most current contact information.