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› Sun Joe SB602E-RM Electric SharperBlade 2-in-1 Stringless Lawn Trimmer and Edger | 11.5-Inch | 4.5 Amp (Renewed)

Sun Joe SB602E-RM

Sun Joe SB602E-RM Electric SharperBlade 2-in-1 Stringless Lawn Trimmer and Edger User Manual

Model: SB602E-RM

INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Sun Joe SB602E-RM Electric SharperBlade 2-in-1 Stringless Lawn Trimmer and Edger. Please read this manual thoroughly before operating the product to ensure proper use and to prevent injury or damage.

The Sun Joe SB602E-RM is a powerful 11.5-inch electric trimmer and edger designed for maintaining lawns and gardens. It features a 4.5-amp electric motor, a patented SharperBlade system, and a 180-degree rotating head for easy conversion between trimming and edging functions. Its lightweight design and telescoping shaft offer enhanced maneuverability.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the product.
- **Keep work area clear:** Do not operate in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Avoid dangerous environment:** Do not use in damp or wet locations. Do not expose to rain.
- **Keep children away:** All visitors should be kept at a safe distance from the work area.
- **Dress properly:** Do not wear loose clothing or jewelry. Wear non-slip footwear. Wear protective hair covering to contain long hair.
- **Use safety glasses:** Always wear eye protection and hearing protection.
- **Secure the appliance:** Use clamps or other practical ways to secure and support the workpiece to a stable platform.
- **Do not overreach:** Keep proper footing and balance at all times.
- **Maintain tools with care:** Keep cutting tools sharp and clean for better and safer performance.
- **Disconnect power:** Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing the appliance.
- **Avoid unintentional starting:** Ensure the switch is in the off-position before plugging in.
- **Check for damaged parts:** Before further use, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.

- **Use only identical replacement parts:** Service should be performed by qualified repair personnel.

PRODUCT OVERVIEW

Familiarize yourself with the components of your Sun Joe SB602E-RM trimmer/edger before assembly and operation.



Figure 1: Overall view of the Sun Joe SB602E-RM Electric SharperBlade 2-in-1 Stringless Lawn Trimmer and Edger.



Figure 2: The trimmer/edger showing the adjustable handle and telescoping pole for user control.



Figure 3: Close-up view of the SharperBlade system and the protective guard.



Figure 4: Detailed view of the SharperBlade rotor (model SB601RB).

Key Components:

- **Main Handle:** For gripping and controlling the unit.
- **Auxiliary Handle:** Provides additional grip and control.
- **Telescoping Pole:** Allows adjustment of the unit's length.

- **Motor Housing:** Contains the 4.5-Amp electric motor.
- **SharperBlade System:** Patented, maintenance-free, self-sharpening trimmer blade.
- **Guard:** Protects the user from debris and the blade.
- **Flower Guard:** Integrated guard to protect plants during edging.
- **180° Rotating Head:** Mechanism for converting between trimmer and edger modes.
- **Power Cord:** For connecting to an electrical outlet.

SETUP

Assembly Instructions:

1. **Attach the Guard:** Align the guard with the motor housing and secure it firmly using the provided fasteners. Ensure it is properly seated and tightened to prevent movement during operation.
2. **Install the Auxiliary Handle:** Slide the auxiliary handle onto the telescoping pole. Adjust its position for comfortable operation and tighten the locking mechanism.
3. **Adjust Telescoping Pole:** Extend or retract the telescoping pole to your desired length for comfortable and ergonomic use. Secure the pole by tightening the locking collar.

Power Connection:

Ensure the trimmer is switched OFF before connecting to a power source. Use a suitable outdoor-rated extension cord if necessary. The unit operates on standard household electrical current (120V, 60Hz).

OPERATING INSTRUCTIONS

Starting the Trimmer/Edger:

1. Ensure the unit is properly assembled and connected to a power source.
2. Hold the trimmer firmly with both hands, one on the main handle and one on the auxiliary handle.
3. Press the safety lock-off button (if present) and then squeeze the trigger switch to start the motor. Release the safety lock-off button once the motor starts.

Trimming Operation:

For trimming grass and light weeds, hold the unit with the blade parallel to the ground. Move the trimmer in a sweeping motion, cutting small amounts of material at a time. Avoid hitting hard objects like rocks or fences.



Figure 5: The trimmer/edger being used to trim grass near a flower bed, demonstrating the flower guard in action.

Edging Operation (Twist-N-Groom 180° Rotating Head):

1. To convert from trimmer to edger, ensure the unit is OFF and unplugged.
2. Locate the 180° rotating head mechanism. Rotate the head until the blade is perpendicular to the ground. It should click into place.
3. Plug in the unit and start it. Guide the blade along the edge of your lawn, driveway, or flower beds. The built-in flower guard helps protect delicate plants.

Stopping the Trimmer/Edger:

Release the trigger switch to stop the motor. Always unplug the unit from the power source after use and before performing any maintenance or adjustments.

MAINTENANCE

Cleaning:

- Always unplug the unit before cleaning.
- Wipe down the exterior of the trimmer with a damp cloth. Do not use strong detergents or solvents.
- Remove any grass clippings or debris from the blade area and guard. Use a stiff brush if necessary.

Blade Care:

The SharperBlade system is designed to be maintenance-free and self-sharpening. Periodically inspect the blade for any signs of damage or excessive wear. If the blade is damaged, it should be replaced with an original Sun Joe SharperBlade (SB601RB) replacement part. Do not attempt to sharpen a damaged blade.

Storage:

- Store the trimmer/edger in a dry, secure location, out of reach of children.
- Ensure the unit is clean and dry before storing.
- Coil the power cord neatly to prevent tangling or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Trimmer does not start.	No power supply. Power cord damaged. Safety switch not engaged.	Check power outlet and connections. Inspect cord for damage; replace if necessary. Ensure safety lock-off button is pressed before trigger.
Motor runs but blade does not spin.	Blade obstructed or damaged. Blade not properly installed.	Unplug unit, clear obstruction. Inspect blade for damage; replace if needed. Ensure blade is securely fastened.
Excessive vibration during operation.	Blade unbalanced or damaged. Loose components.	Unplug unit, inspect blade for damage or debris; replace if necessary. Check all fasteners and tighten as needed.
Poor cutting performance.	Blade dull or worn. Cutting too much material at once.	Inspect SharperBlade; replace if excessively worn. Take smaller passes.

If you encounter issues not listed here, or if the suggested solutions do not resolve the problem, please contact Sun Joe customer support.

SPECIFICATIONS

Feature	Detail
Model	SB602E-RM
Motor	4.5 Amp Electric
Cutting Width	11.5 Inches

Feature	Detail
Blade Type	SharperBlade (SB601RB)
Functionality	2-in-1 Trimmer + Edger (180° Rotating Head)
Adjustments	Telescoping Pole (8.3" to 21.6" extension)
Weight	Approximately 5.6 lbs
Power Source	Corded Electric
Color	Green
Material	Plastic
Product Dimensions	40"L x 16"W (Assembled)

WARRANTY AND CUSTOMER SUPPORT

Your Sun Joe SB602E-RM Electric SharperBlade 2-in-1 Stringless Lawn Trimmer and Edger is backed by the Snow Joe + Sun Joe Customer Promise. New, powered products are warranted for two years from the date of purchase. For further assistance, warranty claims, or technical support, please contact Snow Joe + Sun Joe customer support directly:

Phone: 1-866-766-9563
Website: [Visit Snow Joe + Sun Joe Contact Us Page](#)

Please have your model number (SB602E-RM) and date of purchase available when contacting support.

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