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Earthwise Power Tools by ALM LSW70021

Earthwise LSW70021 21-Inch Push Lawn Sweeper Instruction Manual

Model: LSW70021 | Brand: Earthwise Power Tools by ALM

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, assembly, and maintenance of your Earthwise LSW70021 21-inch Push Lawn Sweeper. Please read all instructions carefully before use to ensure proper function and longevity of your product.



Figure 1: Earthwise LSW70021 21-Inch Push Lawn Sweeper, front-side view.

2. SAFETY INFORMATION

Always observe basic safety precautions when using this product to reduce the risk of injury or damage.

- Keep out of reach of children.
- Wear appropriate safety gear, such as gloves and eye protection, during assembly and operation.
- Ensure all fasteners are securely tightened before each use.
- Operate the sweeper only on dry surfaces. Wet material is difficult to sweep and can cause clogging.
- Avoid using in windy conditions, as collected debris may be blown out of the collection bag.
- Do not attempt to sweep heavy or hard objects such as rocks, nuts, or pinecones, as this can damage the brushes or mechanism.
- Inspect the area to be swept for any obstacles or hazards before beginning operation.

3. ASSEMBLY INSTRUCTIONS

Your Earthwise LSW70021 sweeper requires some assembly. Follow these steps carefully.

3.1 Unpacking

1. Carefully remove all components from the packaging.
2. Verify that all parts listed in the packing list are present.
3. Dispose of packaging materials responsibly.

3.2 Handle and Collection Bag Attachment

1. Attach the handle sections together using the provided hardware. Ensure they are securely fastened.
2. Mount the collection bag frame to the sweeper body.
3. Slide the collection bag onto its frame, ensuring it is properly seated and secured to prevent debris from escaping.



Figure 2: Front view of the sweeper, showing the brush and collection bag attachment points.



Figure 3: Rear view of the sweeper, illustrating the collection bag's capacity.

4. OPERATING INSTRUCTIONS

Proper operation ensures efficient debris collection and extends the life of your sweeper.

4.1 Height Adjustment

1. Locate the height adjustment knob on the front of the sweeper body.
2. Rotate the knob to raise or lower the brushes. For optimal sweeping performance, the brushes should be set just below your grass height. This allows the brushes to make contact with the debris without digging into the turf.
3. Adjust the height as needed for different terrains or debris types.



Figure 4: Close-up of the height adjustment dial, showing 'High' and 'Low' settings.



Figure 5: User demonstrating the adjustment of the sweeper's brush height.

4.2 Sweeping Technique

1. Push the sweeper at a consistent, moderate pace.
2. The sweeper is designed for dry leaves, grass clippings, and light debris on flat surfaces and short, recently cut grass.
3. Multiple passes may be required to collect 100% of the debris, especially with dense coverage.
4. Periodically check and empty the collection bag as it fills to maintain optimal sweeping performance. Compressing the leaves in the bag can extend sweeping time before emptying.



Figure 6: User operating the Earthwise LSW70021 sweeper on a lawn.



Figure 7: Close-up of the sweeper actively collecting grass and leaves into the bag.



Figure 8: View of collected leaves and grass clippings inside the sweeper's mesh bag.

5. MAINTENANCE

Regular maintenance ensures your sweeper remains in good working condition.

- **Cleaning:** After each use, empty the collection bag and brush off any remaining debris from the brushes and sweeper housing. A garden hose can be used to rinse the brushes and housing, but ensure the unit is thoroughly dried before storage to prevent rust.
- **Storage:** Store the sweeper in a dry, protected area. The lightweight design allows for easy storage, including hanging on a wall.
- **Inspection:** Periodically inspect the brushes for wear and tear. Replace worn brushes to maintain effective sweeping. Check wheels and axles for smooth operation.



Figure 9: The Earthwise LSW70021 sweeper stored compactly by hanging on a garage wall.

6. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

| Problem | Possible Cause | Solution |
|--------------------------|---|--|
| Poor debris pickup | Incorrect brush height setting Wet leaves or debris Overfilled collection bag Worn brushes | Adjust brush height lower Wait for leaves to dry; avoid sweeping in wet conditions Empty collection bag Replace brushes |
| Debris escaping from bag | Bag not properly attached Windy conditions Bag too full | Ensure bag is securely attached to frame Avoid sweeping in windy conditions Empty bag more frequently |

| Problem | Possible Cause | Solution |
|---------------------------|--|--|
| Sweeper difficult to push | Brush height too low Wheels obstructed Heavy debris load | Raise brush height Clear any obstructions from wheels Empty collection bag; avoid sweeping heavy items |

7. SPECIFICATIONS

Key technical specifications for the Earthwise LSW70021 Push Lawn Sweeper.

| Feature | Specification |
|--------------------|--|
| Model Number | LSW70021 |
| Brand | Earthwise Power Tools by ALM |
| Power Source | Manual |
| Sweeping Width | 21 inches (53.3 cm) |
| Item Weight | 14 pounds (6.35 kg) |
| Product Dimensions | 44"D x 28"W x 29.5"H (111.76 cm D x 71.12 cm W x 74.93 cm H) |
| Material | Pine (referring to handle components or specific parts) |
| Color | Black |
| UPC | 052909700215 |

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Earthwise Power Tools by ALM website or contact their customer service directly. Keep your purchase receipt for warranty claims.