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Scotts 716-18S

Scotts 18-Inch 7-Blade Push Manual Reel Lawn Mower User Manual

Model: 716-18S | Brand: Scotts

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Scotts 18-Inch 7-Blade Push Manual Reel Lawn Mower. This mower is designed for clean and healthy lawn care, utilizing a scissor-like cutting action. Its manual operation ensures quiet performance and is an environmentally friendly choice for maintaining your lawn.



Figure 1.1: Front view of the Scotts 18-Inch 7-Blade Push Manual Reel Lawn Mower.

2. SAFETY INFORMATION

Always prioritize safety when operating any lawn care equipment. Read and understand all safety warnings and instructions before use.

- **Personal Protective Equipment:** Always wear sturdy footwear and eye protection when operating the mower.

- **Clear the Area:** Before mowing, remove all debris, rocks, toys, and other objects from the lawn that could be thrown by the blades.
- **Keep Hands and Feet Clear:** Never place hands or feet near the rotating blades.
- **Mow Dry Grass:** For optimal performance and safety, mow only when the grass is dry. Wet grass can clog the blades and cause slipping.
- **Slope Operation:** Exercise extreme caution when mowing on slopes. Mow across the face of slopes, never up and down. Avoid excessively steep slopes.
- **Children and Bystanders:** Keep children and bystanders away from the mowing area.
- **Storage:** Store the mower in a dry, secure location, out of reach of children.

3. ASSEMBLY

The Scotts 18-Inch 7-Blade Push Manual Reel Lawn Mower is designed for easy assembly. Follow these general steps:

1. Unpack all components from the box. Verify all parts are present according to the packing list.
2. Attach the lower handle sections to the mower body using the provided hardware.
3. Connect the upper handle section to the lower handle sections. Ensure all connections are secure.
4. Verify that the handle with the cushioned grip is properly aligned and comfortable for operation.



Figure 3.1: Close-up of the comfortable handle with cushioned grip.

For a visual guide on assembly and initial setup, please refer to the video below:

Video 3.1: Assembly and initial testing of a Scotts Reel Lawn Mower. Note: This video may feature a slightly different model (20-inch) but the assembly principles are similar.

4. OPERATION

Your Scotts manual reel mower is propelled by your energy, offering a quiet and efficient way to cut grass. It cuts grass like a pair of scissors, promoting healthier lawn growth.

- **Starting the Mower:** Simply push the mower forward. The 10-inch dual tracking wheels engage the 7-blade ball bearing reel, initiating the cutting action.
- **Cutting Height Adjustment:** The cutting height is adjustable from 1 inch to 3 inches to achieve your desired lawn length. Refer to the Maintenance section for detailed adjustment instructions.
- **Mowing Technique:** Overlap each pass slightly to ensure an even cut. For best results, mow regularly to prevent grass from becoming too long.



Figure 4.1: Operating the Scotts manual reel lawn mower on a residential lawn.

See the mower in action and observe its cutting performance in the video below:

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Scotts manual reel mower.

- **Blade Care:** The blades are made of quality, heat-treated alloy steel designed to stay sharp longer. Periodically inspect blades for sharpness and damage. Sharpening should be done by a qualified technician if needed.
- **Cleaning:** After each use, remove grass clippings and debris from the blades and mower body. A stiff brush or cloth can be used.
- **Lubrication:** Apply a light coat of lubricant (e.g., WD-40) to moving parts, especially the reel and bed knife, to ensure smooth operation and prevent rust.
- **Height Adjustment:** To adjust the cutting height (from 1" to 3"), locate the adjustment levers near the wheels. Follow the instructions in your detailed manual for precise adjustment.



Figure 5.1: Close-up view of the 7-blade reel system.



Figure 5.2: Detail of the height adjustment mechanism near the wheels.

For detailed instructions on blade adjustments, watch the video below:

Video 5.1: How to perform blade adjustments on a manual reel mower.

6. TROUBLESHOOTING

If you encounter issues with your Scotts manual reel mower, consider the following common solutions:

- **Uneven Cut:** Ensure the cutting height is set evenly on both sides. Check for debris caught in the blades or dull blades.
- **Difficulty Pushing:** This can be caused by excessively long or wet grass. Try raising the cutting height or mowing when the grass is dry. Also, check for debris obstructing the wheels or blades.
- **Blades Not Rotating:** Inspect the reel and bed knife for any obstructions (e.g., sticks, rocks). Ensure the wheels are engaging the reel mechanism properly.
- **Excessive Noise:** Lubricate all moving parts as described in the Maintenance section. Check for loose components or foreign objects.

If problems persist, refer to the detailed troubleshooting guide in your full product manual or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Scotts
Model Number	716-18S
Power Source	Manual
Cutting Width	18 Inches
Number of Blades	7-Blade (Ball Bearing Reel)
Adjustable Cutting Height	1" to 3"
Wheel Size	10-inch (Dual Tracking Wheels)
Material	Alloy Steel
Item Weight	25.6 Pounds
Product Dimensions (D x W x H)	41.93"D x 24.02"W x 31.22"H

8. WARRANTY INFORMATION

Your Scotts 18-Inch 7-Blade Push Manual Reel Lawn Mower is backed by a **5-Year Limited Manufacturer Defect Warranty**. This warranty covers defects in materials and workmanship under normal use and maintenance.

- Keep your proof of purchase for warranty claims.
- The warranty does not cover damage resulting from misuse, neglect, unauthorized repairs, or normal wear and tear.



Figure 8.1: Scotts 5-Year Limited Warranty details.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact the manufacturer directly. Refer to the contact information provided in your product packaging or visit the official Scotts website for the most up-to-date support details.