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Swisher WRC11524BS

Swisher Predator 11.5 HP 24 in. Walk Behind Rough Cut Mower

Model: WRC11524BS

Your comprehensive guide to operation and maintenance.

1. PRODUCT OVERVIEW

The Swisher Predator 11.5 HP 24 in. Walk Behind Rough Cut Mower (Model WRC11524BS) is designed for clearing dense undergrowth, fields, and ditches. It is capable of cutting saplings up to 1.5 inches in diameter. This self-propelled unit features a robust Briggs & Stratton engine and a heavy-duty fabricated cutting deck.

Key Features:

- 11.5 HP (344cc) Briggs & Stratton recoil start engine.
- 24-inch cutting width with a single fixed hardened steel, rough cut blade.
- 4-speed transmission with reverse for versatile operation.
- Adjustable cutting height range of 3 to 4.75 inches.
- Large pneumatic chevron tread tires for excellent traction on rough terrain.
- Improved gear shift access located on the handlebars for enhanced operator control.
- Front safety deflectors and wire shield for protection.
- Operator presence blade engagement and drive control for safety.



Figure 1.1: Overall view of the Swisher Predator 24-inch Walk Behind Rough Cut Mower.

2. SAFETY INFORMATION

Always prioritize safety when operating power equipment. Read and understand all safety warnings and instructions before use. Failure to do so can result in serious injury or death.

General Safety Precautions:

- **Read the Manual:** Familiarize yourself with all controls and safety features.
- **Personal Protective Equipment (PPE):** Always wear appropriate eye protection, hearing protection, long pants, and sturdy footwear.
- **Clear the Area:** Before starting, clear the work area of debris, rocks, and other objects that could be thrown by the blade.
- **Keep Bystanders Away:** Ensure children, pets, and other people are at a safe distance from the operating machine.
- **Engine Off Before Adjustments:** Never attempt to clear clogs, make adjustments, or perform maintenance with the engine running.

- **Fuel Handling:** Refuel in a well-ventilated area with the engine off and cool. Do not smoke while refueling.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Mow across the face of slopes, not up and down.
- **Operator Presence Control:** The machine is equipped with an operator presence control. Ensure it functions correctly before each use.

3. SETUP AND ASSEMBLY

Your Swisher Predator Mower may require some assembly upon arrival. Follow these general guidelines for initial setup.

Uncrating and Initial Inspection:

- Carefully remove the mower from its shipping crate. Inspect for any visible damage that may have occurred during transit.
- Check all visible components for proper attachment and integrity. Pay close attention to the engage lever housing and any exposed bolts.

Handlebar and Control Assembly:

Attach the handlebar assembly securely. Ensure all control cables (throttle, blade engagement, drive control) are properly routed and connected according to the detailed instructions in the full user manual.



Figure 3.1: The 4-speed transmission lever, located on the handlebar for easy access.

Fluid Checks:

- **Engine Oil:** Before first use, fill the engine with the recommended type and amount of oil as specified in the

Briggs & Stratton engine manual. Check oil level before each use.

- **Fuel:** Fill the fuel tank with fresh, unleaded gasoline. Do not overfill.

4. OPERATING INSTRUCTIONS

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

Starting the Engine:

1. Ensure the fuel valve is open and the choke is set appropriately for a cold or warm start.
2. Engage the operator presence control.
3. Pull the recoil start cord firmly until the engine starts.
4. Once started, gradually disengage the choke.



Figure 4.1: The 11.5 HP Briggs & Stratton engine, providing reliable power for tough cutting tasks.

Engaging the Blade and Drive:

- To engage the blade, activate the blade engagement lever.
- Select your desired speed using the 4-speed transmission lever (R-N-1-2-3-4).
- Engage the drive control to begin moving.



Figure 4.2: Large pneumatic chevron tread tires provide superior traction on varied terrain.

Cutting Operation:

- Adjust the cutting height between 3 and 4.75 inches as needed for the vegetation type.
- Walk at a steady pace, allowing the mower to effectively cut through dense brush and saplings.
- Utilize the reverse gear for backing out of tight spots or when repositioning.

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Video 4.1: Demonstration of the Swisher Predator Mower in action, showcasing its ability to clear dense vegetation.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Swisher Predator Mower.

Routine Checks:

- **Fasteners:** Periodically check all nuts, bolts, and screws for tightness. Vibration during operation can cause them to loosen. Replace any missing or damaged fasteners immediately.
- **Blade Inspection:** Inspect the cutting blade for sharpness, damage, or excessive wear. A dull or damaged blade can affect cutting performance and balance.
- **Belt Condition:** Regularly inspect the drive belt and blade engagement belt for wear, cracks, or proper tension. A loose or worn belt can lead to issues with blade engagement or drive.
- **Engine Maintenance:** Refer to the separate Briggs & Stratton engine manual for detailed maintenance schedules, including oil changes, air filter cleaning/replacement, and spark plug inspection.
- **Cleaning:** After each use, clean grass clippings and debris from the cutting deck and engine area to prevent

buildup and ensure proper cooling.

6. TROUBLESHOOTING

This section provides solutions to common operational issues. For more complex problems, consult the full user manual or contact customer support.

Problem	Possible Cause	Solution
Engine will not start.	No fuel, stale fuel, clogged fuel filter, spark plug issue, choke setting.	Check fuel level and freshness. Clean/replace fuel filter. Inspect/replace spark plug. Adjust choke.
Blade does not engage or spins slowly.	Loose or broken blade engagement belt, debris in cutting deck, damaged blade.	<i>With engine off and spark plug wire disconnected:</i> Inspect and re-tension/replace belt. Clear debris from under deck. Inspect blade for damage.
Transmission shifting is sloppy or difficult.	Linkage issue, internal transmission problem.	Inspect shift linkage for obstructions or damage. If problem persists, professional service may be required.
Excessive vibration during operation.	Unbalanced or damaged blade, loose fasteners.	<i>With engine off and spark plug wire disconnected:</i> Inspect blade for damage or bent condition. Tighten all accessible fasteners.

7. SPECIFICATIONS

Attribute	Detail
Brand	Swisher
Model Number	WRC11524BS
Power Source	Gas Powered
Engine	11.5 HP (344cc) Briggs & Stratton
Cutting Width	24 Inches
Cutting Height Range	3 - 4.75 Inches (4 positions)
Transmission	4-Speed with Reverse
Wheels	Large Pneumatic Chevron Tread Tires (16 Inches)
Item Weight	252 Pounds
Product Dimensions (LxWxH)	87"D x 27"W x 42"H

Attribute	Detail
Material	Alloy Steel
Color	Black
UPC	728172405613
Country of Origin	USA

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official warranty statement included with your product or visit the Swisher website.

Customer Support:

If you encounter issues not covered in this manual or require technical assistance, please contact Swisher customer support. Have your model number (WRC11524BS) and serial number ready when contacting support.

A comprehensive User Manual in PDF format is available for download: [Download User Manual \(PDF\)](#)

Protection Plans:

Extended protection plans may be available for your product. These plans can offer additional coverage beyond the standard manufacturer's warranty. For more information, inquire with your retailer or check the product's purchase page.

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan)