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> Swisher 2645R 50-Inch Universal ATV Plow Blade Instruction Manual

Swisher 2645R

Swisher 2645R 50-Inch Universal ATV Plow Blade

INSTRUCTION MANUAL

1. SAFETY INFORMATION

WARNING: Before operating this machine, read and understand the entire owner's manual. Failure to follow instructions can result in serious injury or death.

- Keep hands, feet, and clothing away from all moving parts.
- Do not operate the machine while under the influence of alcohol or drugs.
- Do not allow children to operate the machine.
- Always wear safety glasses, hearing protection, and appropriate clothing.
- Always keep bystanders away from the operating area.
- Never operate the machine without all guards and shields in place.
- Never operate the machine with damaged or missing parts. Replace all damaged or missing parts before operating.

2. PRODUCT OVERVIEW

The Swisher 2645R 50-Inch Universal ATV Plow Blade is designed for efficient clearing of snow, dirt, and gravel. Its robust construction ensures durability and effective material handling.

Key Features:

- 50-inch wide, 1/8-inch rolled steel blade for efficient clearing.
- Reinforced cutting edge for compacted materials.
- High blade-lift capability for deep piles.
- Heavy-duty swivel with multiple angle settings for precise material direction.
- Plow-saving skids included.
- Designed for use with existing ATV winches.



Figure 2.1: Front view of the Swisher 2645R 50-Inch Universal ATV Plow Blade.

3. SETUP AND INSTALLATION

This plow blade requires a compatible Swisher ATV Mount Kit (e.g., 20101) or UTV Mount Kits (e.g., 10260 or 20096), which are sold separately. Ensure you have the correct mounting kit for your vehicle before proceeding.

Installation Steps:

1. Refer to the specific instructions provided with your Swisher ATV/UTV Mount Kit for initial installation onto your vehicle.
2. Once the mount kit is installed, the plow blade can be attached and removed in seconds without the need for additional tools.
3. Connect your existing ATV winch to the plow blade for lifting and lowering operations.



Figure 3.1: Rear view of the plow blade, highlighting attachment points for the mounting kit.

4. OPERATING INSTRUCTIONS

The Swisher ATV Plow Blade is designed to make clearing tasks efficient. Proper operation ensures optimal performance and safety.

Plow Angle Adjustment:

- The plow angle can be adjusted from the seated position on your ATV.
- Utilize the heavy-duty swivel with dual engagement and multiple angle adjustments to direct snow, dirt, or gravel as needed.
- The unique dual-locking angle position ensures the plow remains securely set at your chosen angle.

Lift Height:

The plow offers a lift height between 18 and 24 inches, depending on your ATV's bike and tire size, providing ample clearance for various tasks.

General Operation Tips:

- For moving dirt or gravel, take lighter passes to avoid tripping the relief springs.
- When using a winch for lifting, ensure the cable does not have excessive slack when the plow is on the ground to prevent pinching or snapping the cable.



Video 4.1: Demonstration of Swisher snow removal products, including ATV plow blades in action. This video illustrates the effectiveness of Swisher plow blades in clearing snow from various surfaces.



Figure 4.2: Rear view of the plow blade, illustrating the spring mechanism and angle adjustment system.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Swisher ATV Plow Blade.

- **Cutting Edge:** The cutting edge is reversible and replaceable. Regularly inspect it for wear and tear. Reverse or replace the cutting edge as needed to maintain effective clearing performance.
- **Skid Shoes:** The plow comes with plow-saving skids. Inspect these regularly for wear and replace if damaged to protect the plow blade and surfaces.
- **Moving Parts:** Periodically lubricate pins and holes, especially if you frequently attach and detach the

plow, to ensure smooth operation.

- **General Inspection:** Before each use, check all bolts, nuts, and fasteners to ensure they are tight. Inspect the blade for any damage or deformation.



Figure 5.1: Close-up view of the skid shoe and the reinforced, reversible cutting edge.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Winch cable snaps or gets crushed.	Excessive slack in the winch cable when the plow is on the ground.	Keep the plow hanging as much as possible. Avoid letting out the winch too far. Consider using a shorter lead for the winch cable if the winch is primarily used for the plow.
Difficulty adjusting plow angle from seated position.	Mechanism might be stiff or obstructed.	Ensure the adjustment mechanism is clear of debris. Lubricate moving parts if necessary. It may be easier to dismount to adjust the angle.
Plow not effectively clearing heavy material.	Attempting to push too much material at once; worn cutting edge.	Take lighter passes, especially with dense materials like dirt or heavy snow. Inspect and replace/reverse the cutting edge if worn.

7. SPECIFICATIONS

Feature	Detail
Model Number	2645R

Feature	Detail
Blade Width	50 inches
Blade Material	1/8 inch rolled steel
Product Dimensions	50 x 18.75 x 9 inches
Item Weight	107 pounds
Manufacturer	Swisher Mower
Compatibility	Requires Swisher ATV Mount Kit 20101 or UTV Mount Kits 10260 or 20096 (not included)

8. WARRANTY AND SUPPORT

For specific warranty details and customer support, please refer to the documentation included with your purchase or visit the official Swisher website. Swisher is committed to providing quality products and support.

For assistance with parts or operation, contact Swisher customer service directly.