

Arnold OEM-190-833

Arnold OEM-190-833 Fast Attach Utility Snow Blade Instruction Manual

Model: OEM-190-833

1. INTRODUCTION

This manual provides comprehensive instructions for the assembly, installation, safe operation, and maintenance of your Arnold OEM-190-833 Fast Attach Utility Snow Blade. This snow blade is designed for efficient snow removal when attached to compatible 46-inch tractors. Please read this manual thoroughly before operating the equipment to ensure safe and effective use.



Image 1.1: The Arnold OEM-190-833 Fast Attach Utility Snow Blade. This image shows the complete snow blade assembly, including the black blade, mounting frame, and lift handle.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or death.

- Always read and understand the tractor's owner's manual before attaching or operating this snow blade.
- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Ensure the tractor engine is off, parking brake is engaged, and keys are removed before performing any assembly, installation, or maintenance.
- Keep children and pets away from the work area and during operation.
- Never operate the snow blade on slopes that are too steep for safe tractor operation.
- Be aware of your surroundings and potential obstacles when operating.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. If any parts are missing or damaged, contact customer support.

- Snow Blade Assembly
- Mounting Frame
- Lift Handle and Linkage
- Hardware Kit (bolts, nuts, washers, pins)
- Instruction Manual

4. ASSEMBLY AND SETUP

Follow these steps to assemble the snow blade components. Refer to diagrams (not provided in this text) for visual guidance.

- Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.
- Attach Mounting Frame to Blade:** Secure the mounting frame to the snow blade using the provided bolts, washers, and nuts. Ensure all connections are tight.
- Install Lift Handle:** Connect the lift handle and its linkage to the designated points on the mounting frame. Ensure the mechanism moves freely. Apply a small amount of hand soap to the rubber grip to aid in sliding it onto the metal pole, if applicable.
- Check All Fasteners:** Double-check that all bolts, nuts, and pins are securely fastened.

5. INSTALLATION ON TRACTOR

This snow blade is designed for a 'Fast Attach' system on compatible 46-inch tractors. Ensure your tractor has

the necessary mounting points.

- Prepare Tractor:** Park the tractor on a level surface, engage the parking brake, turn off the engine, and remove the ignition key.
- Position Blade:** Carefully position the assembled snow blade in front of the tractor, aligning the mounting frame with the tractor's attachment points.
- Connect to Tractor:** Secure the snow blade's mounting frame to the tractor's quick-connect system or designated holes using the appropriate pins and bolts. Some tractor models may require drilling additional holes for proper fitment.
- Attach Lift Linkage:** Connect the snow blade's lift linkage to the tractor's lift mechanism. Test the lift function to ensure smooth operation.
- Verify Clearance:** Check for adequate clearance between the blade assembly and the tractor's components, especially when raising and lowering the blade. Note that ground clearance may be reduced.

6. OPERATION

Operating the snow blade requires attention to safety and proper technique.

6.1 Pre-Operation Checklist

- Ensure all fasteners are tight.
- Check tire pressure and consider using tire chains for improved traction in snow.
- Clear the area of any debris or obstacles that could be hidden by snow.
- Verify the blade's angle adjustment mechanism is functioning correctly.

6.2 Snow Removal Techniques

- **Blade Angle:** Adjust the blade angle to direct snow to the side. Pushing snow straight ahead may cause the tractor to struggle in heavy snow.
- **Overlap Passes:** Make overlapping passes to ensure complete snow removal.
- **Moderate Speed:** Operate at a moderate speed. Excessive speed can reduce control and effectiveness.
- **Heavy Snow:** For deep or heavy snow, make multiple passes, taking smaller cuts each time.
- **Lift Mechanism:** Use the lift handle to raise the blade when turning or moving between areas.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your snow blade.

- **After Each Use:** Clean the blade and frame to remove snow, ice, and salt.
- **Lubrication:** Lubricate all pivot points and moving parts with appropriate grease or oil.
- **Inspect Blade:** Check the cutting edge for wear or damage. Replace if necessary.
- **Hardware Check:** Periodically inspect all bolts, nuts, and pins for tightness. Tighten as needed.
- **Paint Protection:** Touch up any chipped paint to prevent rust.

8. STORAGE

Proper storage protects your snow blade during the off-season.

- Clean and dry the blade thoroughly.
- Apply a light coat of oil or rust preventative to exposed metal surfaces.
- Store the blade in a dry, covered area, away from direct sunlight and moisture.
- Ensure the blade is stable and cannot tip over.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blade not lifting or lowering smoothly	Lack of lubrication, bent linkage, obstructed path	Lubricate pivot points, inspect linkage for damage, clear obstructions.
Poor snow clearing performance	Worn cutting edge, incorrect blade angle, excessive speed, too much snow	Replace cutting edge, adjust blade angle, reduce speed, make multiple passes.
Blade detaches from tractor during use	Improper installation, loose fasteners, incompatible tractor model	Re-install securely, tighten all fasteners, verify tractor compatibility.
Missing hardware during assembly	Packaging damage, lost parts	Contact customer support for replacement parts. Standard hardware may be sourced locally.

10. SPECIFICATIONS

- **Model Number:** OEM-190-833
- **Product Dimensions:** 50.5 x 7.75 x 16 inches
- **Item Weight:** 820 pounds
- **Manufacturer:** Arnold
- **Compatibility:** Designed for 46-inch tractors

11. WARRANTY AND SUPPORT

For warranty information, technical assistance, or to order replacement parts, please contact Arnold customer support. Keep your purchase receipt and model number (OEM-190-833) readily available when contacting support.



Image 11.1: MTD Logo. Arnold is a brand under the MTD family of products.

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