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Massey Ferguson MF 66

Massey Ferguson MF 66 Moldboard Plow Operators Manual

Model: MF 66

Introduction

This Operators Manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Massey Ferguson MF 66 Moldboard Plow. It is a high-quality reproduction of the original factory manual, designed to assist operators in understanding the controls, gauges, adjustments, and procedures necessary for optimal performance and longevity of the equipment.

Product Overview

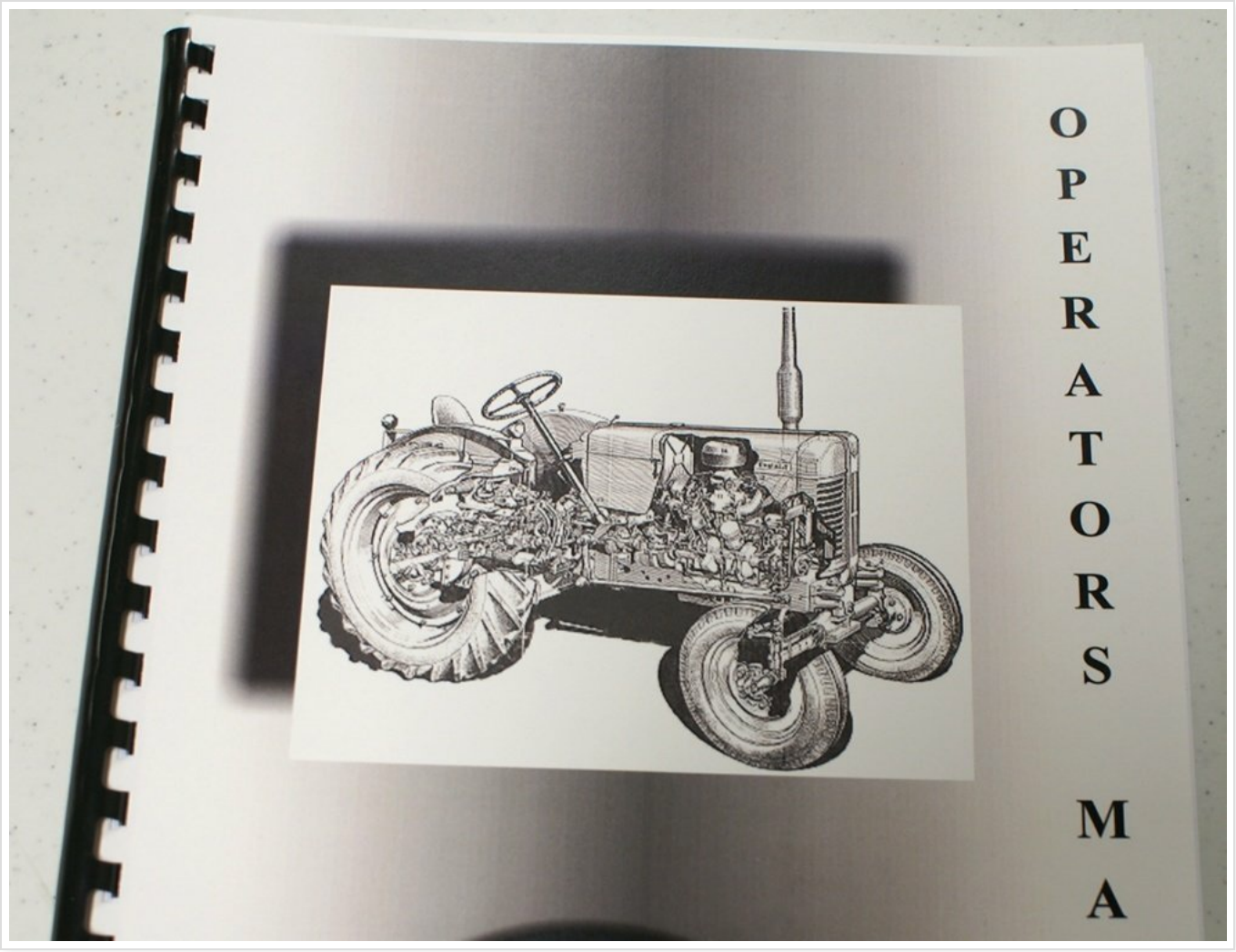


Figure 1: Front cover of the Massey Ferguson MF 66 Moldboard Plow Operators Manual. The cover features a detailed technical drawing of a tractor, illustrating its internal components and structure. This manual is crucial for understanding the operation and maintenance of the MF 66 Moldboard Plow.

Setup and Attachment

Proper setup and attachment of the MF 66 Moldboard Plow are critical for safe operation and effective tilling. Always ensure the tractor is parked on level ground with the engine off and parking brake engaged before beginning any attachment procedures.

1. Pre-Attachment Checks

- Inspect all plow components for damage or wear, including moldboards, shares, and coulters.
- Verify that all pins, bolts, and fasteners are secure and properly torqued.
- Ensure the tractor's hydraulic system is in good working order and free of leaks.

2. Attaching the Plow

1. Back the tractor slowly towards the plow, aligning the three-point hitch arms with the plow's attachment points.
2. Secure the lower hitch arms to the plow using appropriate pins and clips.
3. Connect the top link to the plow and adjust its length to achieve the desired plow angle.
4. Connect any hydraulic hoses if the plow features hydraulic adjustments.
5. Once attached, raise and lower the plow a few times to confirm proper connection and hydraulic function.

Operating Instructions

This section outlines the general procedures for operating the Massey Ferguson MF 66 Moldboard Plow. For detailed instructions on specific controls, gauges, and adjustments, refer to the relevant sections within the full manual.

1. Pre-Operation Checklist

- Ensure all safety guards are in place.
- Check tire pressure on the tractor.
- Verify all hydraulic connections are secure.
- Confirm no personnel are in the immediate vicinity of the equipment.

2. Engaging the Plow

With the tractor stationary and engine running at a low RPM, slowly lower the plow into the soil using the hydraulic control lever. Adjust the depth and pitch as needed for optimal plowing conditions.

3. Plowing Techniques

Maintain a consistent forward speed appropriate for soil conditions. Observe the furrow slice to ensure proper inversion and coverage. Make adjustments to the plow's settings (e.g., width of cut, depth) as necessary to achieve desired results.

4. Disengaging and Transport

Before turning or transporting, raise the plow completely out of the ground. Engage the transport lock if available. When transporting on public roads, ensure all local regulations regarding agricultural equipment are followed, including displaying appropriate warning signs.

Maintenance Procedures

Regular maintenance is essential for the longevity and reliable performance of your MF 66 Moldboard Plow. Adhere to the maintenance schedule outlined in the complete manual.

1. Daily Checks

- Clean soil and debris from the plow after each use.
- Inspect moldboards, shares, and coulters for wear or damage. Replace worn parts promptly.
- Check all fasteners for tightness.

2. Lubrication

Lubricate all grease points according to the manufacturer's recommendations. Pay particular attention to pivot points and bearings.

3. Storage

When storing the plow for extended periods, clean it thoroughly, apply rust preventative to exposed metal surfaces, and store in a dry, sheltered location.

Troubleshooting Tips

This section provides general guidance for common issues encountered during plow operation. For detailed troubleshooting charts and solutions, consult the comprehensive manual.

Common Issues and Solutions:

- **Plow not penetrating soil:**
  Possible Causes: Insufficient weight, incorrect hitch adjustment, worn shares.
  Solutions: Add ballast to tractor, adjust top link/draft control, replace shares.
- **Uneven plowing depth:**
  Possible Causes: Improper land wheel adjustment, uneven tire pressure on tractor, inconsistent ground speed.
  Solutions: Adjust land wheel, check tractor tire pressure, maintain steady speed.
- **Plow pulling to one side:**
  Possible Causes: Incorrect hitch alignment, worn components on one side.
  Solutions: Realign hitch, inspect and replace worn parts.

Specifications

Attribute	Detail
Model	MF 66 Moldboard Plow
ASIN	B007HMTOX8
Publisher	Massey Ferguson
Publication Date	May 1, 1983

Safety Information

Always prioritize safety when operating agricultural machinery. Failure to follow safety guidelines can result in serious injury or death.

- Read and understand the entire manual before operating the plow.
- Wear appropriate personal protective equipment (PPE), including safety glasses and sturdy footwear.
- Keep all shields and guards in place during operation.
- Ensure no one is near the equipment when starting, operating, or adjusting.
- Never operate machinery under the influence of alcohol or drugs.
- Perform regular maintenance to ensure all components are in safe working order.

Support and Further Assistance

For specific technical questions, detailed diagrams, or parts information not covered in this overview, please refer to your complete Massey Ferguson MF 66 Moldboard Plow Operators Manual. For direct support, contact an authorized Massey Ferguson dealer or service center.

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