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Massey Ferguson MF 63 Grain Drill

Massey Ferguson MF 63 Grain Drill Parts Manual

Comprehensive guide for identifying and assembling components of the MF 63 Grain Drill.



1. INTRODUCTION

This manual serves as a high-quality reproduction of the original factory parts manual for the Massey Ferguson MF 63 Grain Drill. It is designed to assist owners and technicians in identifying, ordering, and assembling the various components of the grain drill.

The manual provides detailed exploded views of assemblies and sub-assemblies, along with corresponding part numbers and descriptions. Utilizing this manual will ensure that you have the correct parts for maintenance, repair, or restoration tasks, saving both time and potential errors.

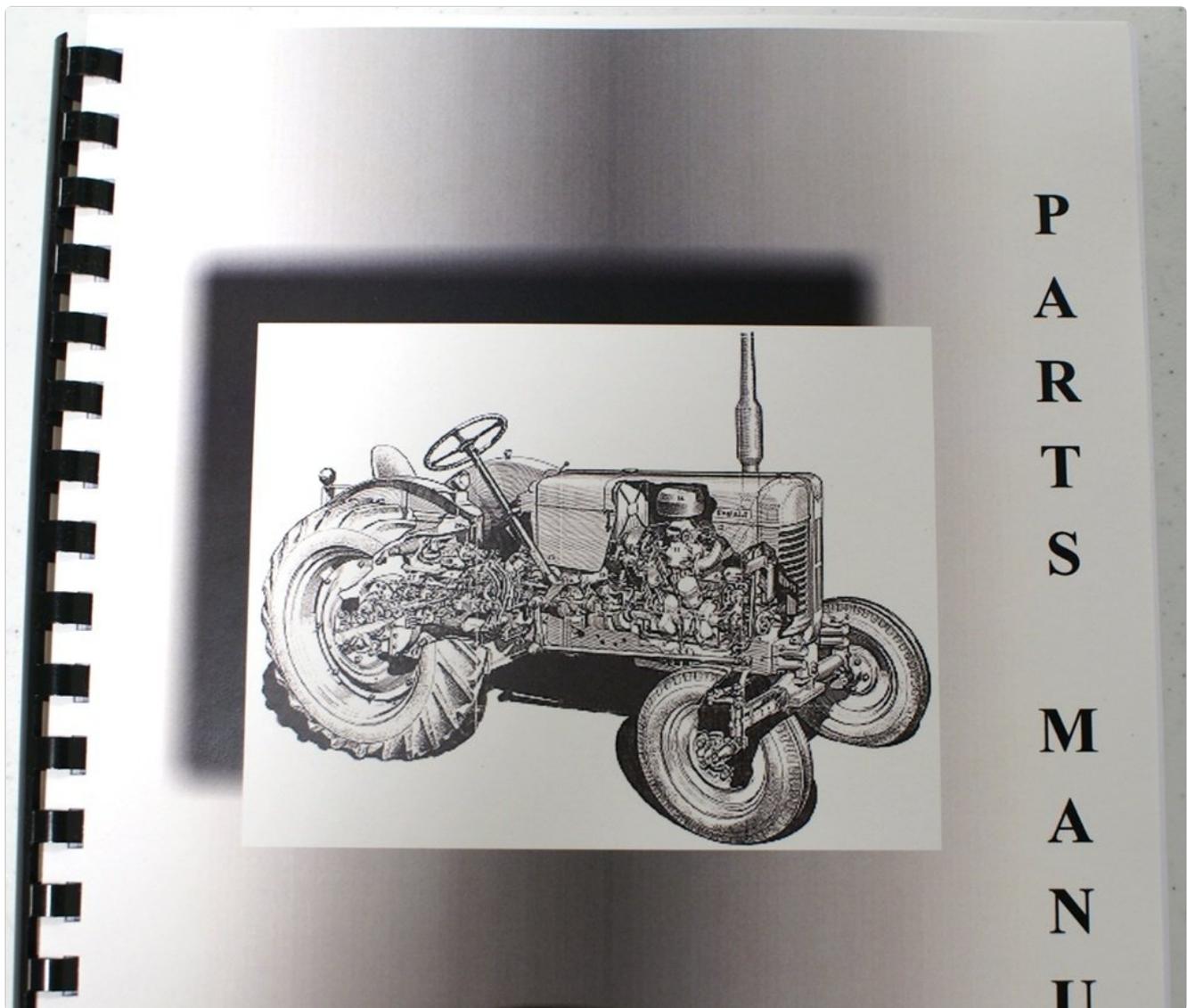


Image 1.1: Cover of the Massey Ferguson MF 63 Grain Drill Parts Manual. The cover features an illustration of a tractor with its internal components exposed, indicating the detailed nature of the manual's content regarding parts and assembly.

2. HOW TO USE THIS MANUAL

To effectively use this parts manual, follow these guidelines:

- **Locate the Section:** Identify the major assembly or system you are working on (e.g., Frame, Seeding Mechanism, Wheel Assembly).
- **Find the Exploded View:** Within the relevant section, locate the exploded diagram that illustrates the components of that assembly.
- **Identify the Part:** Each component in the diagram is assigned a reference number. Match this number to the corresponding part number and description in the accompanying parts list.
- **Verify Details:** Pay close attention to quantities, sizes, and any specific notes provided for each part.

This manual is organized to provide clear visual and textual information, making part identification straightforward.

3. COMPONENT IDENTIFICATION AND ASSEMBLY

This section details the various major assemblies of the MF 63 Grain Drill and provides guidance on their component identification and assembly. Each subsection corresponds to a primary system of the drill.

3.1. Frame and Hitch Assembly

This subsection covers all structural components, including the main frame, hitch points, and support elements. Exploded views will show bolts, brackets, and frame members.

- Main Frame Members
- Hitch Bar and Pins
- Support Legs and Stands

3.2. Seeding Mechanism

Details on the seed hoppers, seed tubes, openers, and metering devices. This includes components for precise seed placement.

- Seed Hopper Components
- Seed Metering Units
- Double Disc Openers and Scrapers
- Press Wheels and Bearings

3.3. Drive System and Wheels

Information on the ground drive wheels, chains, sprockets, and gearboxes that power the seeding mechanism.

- Ground Drive Wheels and Tires
- Axles and Hubs
- Drive Chains and Sprockets
- Gearbox and Transmission Components

3.4. Fertilizer Attachment (If Applicable)

For models equipped with a fertilizer attachment, this section outlines its specific components.

- Fertilizer Hopper
- Metering System
- Delivery Tubes

4. MAINTENANCE AND REPAIR PART IDENTIFICATION

When performing maintenance or repairs, accurate part identification is crucial. Refer to the relevant exploded views to ensure you are replacing components with the correct specifications.

Common wear items such as bearings, seals, chains, and opener discs should be regularly inspected and replaced as needed. This manual provides the necessary part numbers for these critical components.

Note: Always ensure the grain drill is safely supported and disengaged from any power source before attempting any maintenance or repair.

5. TROUBLESHOOTING PART-RELATED ISSUES

If the grain drill is experiencing operational issues, this section provides guidance on how to use the parts manual to diagnose potential part failures.

Table 5.1: Common Issues and Related Parts

Symptom	Possible Cause (Part-Related)	Manual Section to Consult
Uneven Seed Depth	Worn opener discs, faulty press wheel bearings, bent seed tubes.	Seeding Mechanism (3.2)
Drive System Slippage	Stretched drive chains, worn sprockets, seized bearings in drive system.	Drive System and Wheels (3.3)
Seed Flow Blockage	Damaged seed tubes, clogged metering units.	Seeding Mechanism (3.2)

By cross-referencing symptoms with the detailed part diagrams, you can pinpoint the exact component requiring attention or replacement.

6. SPECIFICATIONS

While this is primarily a parts manual, understanding the general specifications of the Massey Ferguson MF 63 Grain Drill can aid in part identification and compatibility checks. For precise dimensions and detailed technical data, refer to the specific part lists within each section.

- **Model:** MF 63 Grain Drill
- **Type:** Agricultural Seeding Equipment
- **Manual Publication Date:** July 21, 1986
- **Publisher:** Massey Ferguson

7. WARRANTY INFORMATION

This parts manual is a reproduction and does not come with a direct product warranty from the original manufacturer for the grain drill itself. For information regarding the warranty of newly purchased replacement parts, please consult the supplier or manufacturer of those specific parts at the time of purchase.

Note: Always retain receipts and documentation for any replacement parts purchased.

8. SUPPORT AND ORDERING PARTS

For assistance with part identification beyond the scope of this manual, or for ordering replacement parts, it is recommended to contact authorized Massey Ferguson dealers or reputable agricultural equipment part suppliers. When contacting support or ordering, always provide the following information:

- The model of your grain drill: **Massey Ferguson MF 63**
- The specific part number(s) as found in this manual.
- A clear description of the part and the issue, if applicable.

This will help ensure accurate and efficient service.



