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› Massey Ferguson 1125, 1140, 1240, 1250, 1260 Tractor Service Manual

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Massey Ferguson 1125, 1140, 1240, 1250, 1260 Tractor Service Manual

Detailed Instructions for Maintenance, Repair, and Overhaul

1. INTRODUCTION

This service manual is a digitally enhanced reproduction of the original manufacturer-issued shop manual for Massey Ferguson tractors. It provides comprehensive technical information and instructions necessary for the proper maintenance, repair, and complete overhaul of the specified tractor models.

The manual is designed for mechanics and technicians, offering detailed procedures to correctly disassemble, repair, and reassemble equipment components. It is an essential guide for performing extensive repairs or a full restoration of your Massey Ferguson tractor.

Applicable Models:

- **1125 Tractor:** (1992-1993) Diesel, Compact - 2 and 4 Wheel Diesel
- **1140 Tractor:** (1991-1993) Diesel, Compact - 2 and 4 Wheel Diesel
- **1145 Tractor:** (1991-1992) Diesel Compact, 2 and 4 Wheel Drive
- **1240 Tractor:** (1992-1999) Diesel, Compact - 2 and 4 Wheel Diesel
- **1250 Tractor:** (1992-1999) Diesel, Compact - 2 and 4 Wheel Diesel
- **1260 Tractor:** (1992-1999) Diesel, Compact - 2 and 4 Wheel Diesel

This manual includes valuable content such as post-publishing updates, corrections, serial number information, and additional machine details to ensure accuracy and utility.



Image 1.1: Cover of the Massey Ferguson Tractor Service Manual. This image displays the front cover of the service manual, indicating its title and the models it covers, providing a visual reference for the document.

2. SAFETY INFORMATION

Always prioritize safety when performing any service or repair on your tractor. Failure to follow safety precautions can result in serious injury or death.

- **Read the Manual:** Thoroughly read and understand all instructions and warnings in this manual and the tractor's operator's manual before beginning any work.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, gloves, and protective footwear.
- **Engine Off:** Ensure the engine is turned off, the parking brake is engaged, and the key is removed before performing any service, unless specifically instructed otherwise.
- **Support the Tractor:** When working under the tractor, always use approved jack stands or blocks to support the machine securely. Never rely solely on a jack.
- **Fluid Handling:** Be cautious when handling hot fluids (oil, coolant) and ensure proper disposal of all waste fluids.
- **Battery Safety:** Disconnect the battery ground cable before working on the electrical system. Avoid sparks near the battery.
- **Pressurized Systems:** Relieve pressure from hydraulic systems before disconnecting lines or components.

3. GENERAL INFORMATION AND SPECIFICATIONS

This section provides an overview of the Massey Ferguson 1125, 1140, 1240, 1250, and 1260 series tractors, including key specifications relevant to service and repair. Understanding the basic design and operational parameters is crucial for effective troubleshooting and maintenance.

The tractors covered are compact diesel models, available in both 2-wheel and 4-wheel drive configurations, manufactured between 1991 and 1999 depending on the specific model.

Manual Specifications:

- **Print Length:** 424 pages
- **Publication Date:** January 1, 2015 (for this reproduction)

4. MAINTENANCE PROCEDURES

Regular maintenance is vital for the longevity and optimal performance of your Massey Ferguson tractor. This section outlines routine service tasks.

4.1. Fluid Checks and Changes

- **Engine Oil:** Check oil level daily. Change engine oil and filter every 100-200 operating hours or annually, using recommended oil specifications.
- **Coolant:** Check coolant level daily. Flush and replace coolant every 2 years or 1000 operating hours.
- **Hydraulic Fluid:** Check hydraulic fluid level regularly. Change fluid and filter as per manufacturer's schedule, typically every 500-1000 hours.
- **Transmission Fluid:** Check level as specified. Change fluid and filter according to the service schedule.

4.2. Filter Replacement

- **Air Filter:** Inspect daily, clean or replace as needed, especially in dusty conditions.
- **Fuel Filter:** Replace at recommended intervals to prevent fuel system contamination.
- **Hydraulic Filter:** Replace when changing hydraulic fluid.

4.3. Lubrication

Regularly lubricate all grease points on the chassis, steering linkages, and attachment points using the specified grease type. Refer to the lubrication chart in the full manual for specific locations and intervals.

5. TROUBLESHOOTING GUIDE

This section provides general guidance for diagnosing common issues. For detailed troubleshooting trees and specific repair procedures, refer to the relevant chapters within the complete service manual.

5.1. Engine Not Starting

- **Check Fuel:** Ensure there is sufficient fuel and no air in the fuel system.
- **Battery:** Verify battery charge and connections.
- **Starter:** Inspect starter motor and solenoid for proper operation.
- **Safety Switches:** Confirm all safety interlock switches (e.g., neutral, PTO) are engaged correctly.

5.2. Hydraulic System Malfunctions

- **Fluid Level:** Check hydraulic fluid level.
- **Filter:** Inspect hydraulic filter for clogging.
- **Pump:** Listen for unusual noises from the hydraulic pump.
- **Leaks:** Inspect all hydraulic lines and connections for leaks.

6. DETAILED SPECIFICATIONS

For comprehensive technical specifications, including engine displacement, power output, torque values, fluid capacities, and electrical diagrams, please refer to the specific sections within the full service manual. This manual provides detailed data essential for accurate repairs and adjustments.

7. WARRANTY INFORMATION

This document is a service manual for Massey Ferguson tractors. Warranty information pertaining to the *tractor itself* (Massey Ferguson 1125, 1140, 1240, 1250, 1260 series) is provided by the original equipment manufacturer (OEM) at the time of purchase. Please consult your original tractor owner's manual or contact an authorized Massey Ferguson dealer for details regarding your tractor's warranty coverage.

For information regarding the warranty of this specific service manual reproduction, please refer to the seller or publisher from whom it was acquired.

8. SUPPORT AND RESOURCES

Should you require further assistance beyond the scope of this manual, or if you need genuine Massey Ferguson parts, please consider the following resources:

- **Authorized Massey Ferguson Dealers:** Contact your local authorized dealer for expert service, parts, and technical support.
- **Massey Ferguson Official Website:** Visit the official Massey Ferguson website for product information and dealer locators.
- **Professional Mechanics:** For complex repairs, it is recommended to consult with a certified agricultural equipment mechanic.