

Massey Ferguson MF 135

Massey Ferguson MF 135 Tractor Service and Repair Manual

Comprehensive Technical Workshop Instructions

1. INTRODUCTION

This document is a comprehensive service and repair manual for the Massey Ferguson MF 135 Tractor. It is a reprint of the original equipment manufacturer's (OEM) manual, designed to provide detailed technical information for maintenance, service, and repair procedures. The manual features full-size pages, heavy covers, and durable binding, making it suitable for use in workshop or field environments.

The purpose of this manual is to assist technicians and owners in correctly diagnosing issues, performing routine maintenance, and executing complex repairs to ensure the optimal performance and longevity of the Massey Ferguson MF 135 Tractor.



Image 1.1: Front cover of the Massey Ferguson MF 135 Tractor Service and Repair Manual. The cover is orange and black, featuring the title "Workshop Service Manual MF-135 MF-150 Tractors" and "MASSEY FERGUSON" prominently displayed. The manual is spiral-bound with metal fasteners.

2. USING THIS MANUAL

This manual is organized into distinct sections, each covering specific components or systems of the Massey Ferguson MF 135 Tractor. To effectively use this manual, locate the relevant section based on the component or system you intend to service or repair.

Each section typically includes detailed descriptions, illustrations, and step-by-step instructions for disassembly, inspection, repair, and reassembly. Refer to the internal section listing to quickly navigate to the required information.

MF-135 and MF-150 Tractor Service Manual	
Description	Part
Front Axle & Steering	1
Continental Z-145 Gas Engine	2
Perkins AG3-152 Gas Engine	3
Perkins AD3-152 Diesel Engine	4
Clutches	5
Standard 6 Speed Transmission	6
Standard 8 Speed Transmission	7
Multi-power Transmission	8
Differential, Pinion & Rear Axle	9
Power Take Off & Internal Hydraulic System	10

Image 2.1: An internal page from the manual displaying a list of sections. Sections include "Front Axle & Steering", "Continental Z-145 Gas Engine", "Perkins AG3-152 Gas Engine", "Perkins AD3-152 Diesel Engine", "Clutches", "Standard 6 Speed Transmission", "Standard 8 Speed Transmission", "Multi-power Transmission", "Differential, Pinion & Rear Axle", and "Power Take Off & Internal Hydraulic System". Each section is numbered for easy reference.

3. MAINTENANCE PROCEDURES

Regular maintenance is crucial for the reliable operation and longevity of your Massey Ferguson MF 135 Tractor. This manual provides detailed instructions for routine service tasks, including:

- Fluid checks and changes (engine oil, transmission fluid, hydraulic fluid)
- Filter replacement (oil, fuel, air)
- Lubrication points and schedules
- Belt and hose inspections
- Brake adjustments and inspections
- Steering system checks

Always follow the recommended maintenance schedule and procedures outlined in the relevant sections of this manual to prevent premature wear and ensure safe operation.

4. REPAIR PROCEDURES

When components require repair or replacement, this manual offers step-by-step guidance. Each repair section is typically structured to include:

- **Disassembly:** Instructions for safely removing components.
- **Inspection:** Guidelines for checking parts for wear, damage, or defects.
- **Repair/Replacement:** Procedures for fixing or replacing faulty parts.
- **Reassembly:** Instructions for putting components back together correctly, often including torque specifications.

Detailed diagrams and illustrations accompany the text to aid in understanding complex procedures.

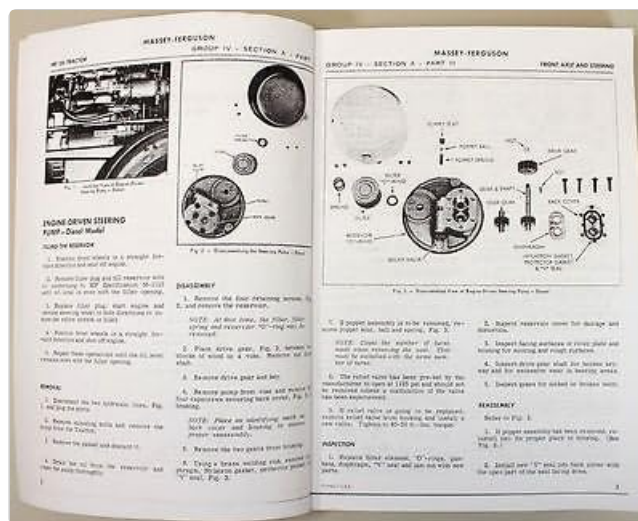


Image 4.1: An open page from the manual showing detailed technical diagrams and accompanying text instructions. The diagrams illustrate components of the engine-driven steering system, including exploded views of parts and assembly sequences. Text provides steps for disassembly, inspection, adjustment, and reassembly.

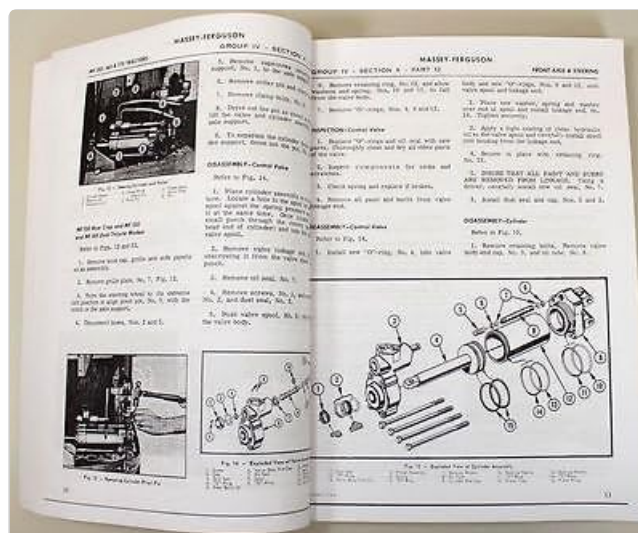


Image 4.2: Another open page from the manual, featuring technical illustrations and repair instructions. This page includes diagrams for the front axle and steering components, with numbered parts and corresponding text descriptions for disassembly and reassembly procedures. Specific instructions for cylinder assembly and valve removal are visible.

5. TROUBLESHOOTING

This manual serves as a valuable resource for diagnosing operational issues with your Massey Ferguson MF 135 Tractor. While specific troubleshooting charts are typically found within the relevant system sections (e.g., engine, transmission, hydraulics), the general approach involves:

- Symptom Identification:** Clearly define the problem observed.
- System Isolation:** Determine which system (e.g., fuel, electrical, hydraulic) is most likely causing the symptom.
- Diagnostic Steps:** Follow the diagnostic procedures outlined in the manual for the suspected system.
- Component Testing:** Perform tests on individual components as directed to pinpoint the faulty part.

Always prioritize safety when troubleshooting and performing repairs. Consult the manual for safety warnings and precautions.

6. SPECIFICATIONS

Key specifications for the Massey Ferguson MF 135 Tractor and this manual are provided below for reference.

Attribute	Value
Manual Model Number	MF-SM-135
Package Dimensions	11.34 x 8.58 x 0.94 inches
Item Weight	1 pounds
ASIN	B01JQUI3D0

Note: Tractor-specific technical specifications (e.g., engine displacement, horsepower, capacities) are detailed within the relevant sections of the manual itself.