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Massey Ferguson MF 471 & MF 481

Massey Ferguson MF 471 & MF 481 Operators Manual

Essential Information for Operation and Maintenance

INTRODUCTION

This manual is a comprehensive guide for the safe and efficient operation, maintenance, and troubleshooting of your Massey Ferguson MF 471 and MF 481 tractors. It contains detailed instructions and important safety information to ensure optimal performance and longevity of your equipment. Please read this manual thoroughly before operating or servicing the tractor.

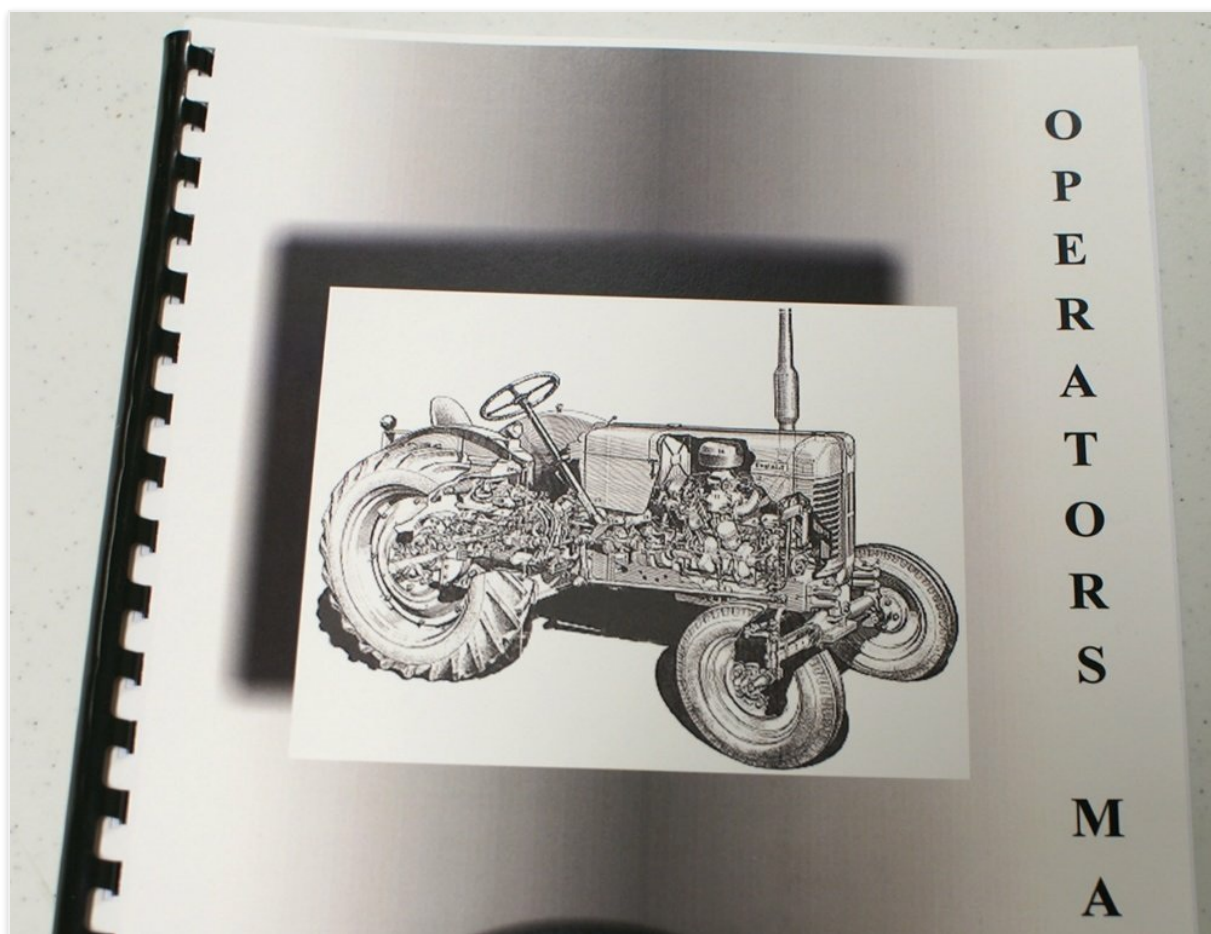


Image: Cover of the Massey Ferguson MF 471 & MF 481 Operators Manual. This image displays the front cover of the official manual, indicating the models covered and the Massey Ferguson branding.

SETUP AND PRE-OPERATION CHECKS

Before each operation, perform the following checks to ensure the tractor is in safe working condition:

- **Fluid Levels:** Verify engine oil, coolant, hydraulic fluid, and fuel levels are within recommended ranges. Refer to the dipsticks and sight gauges.
- **Tire Pressure:** Check tire inflation pressure according to specifications for optimal traction and stability.
- **Safety Devices:** Ensure all safety guards, shields, and lights are in place and functioning correctly.
- **Controls:** Test all controls, including steering, brakes, clutch, and PTO engagement, for proper operation.
- **Attachments:** Confirm any attached implements are securely mounted and properly connected.

OPERATING INSTRUCTIONS

Starting the Engine

1. Ensure the transmission is in neutral and the parking brake is engaged.
2. Turn the ignition key to the 'ON' position and wait for indicator lights to illuminate.
3. Turn the key to the 'START' position. Release the key once the engine starts. Do not crank for more than 10 seconds.
4. Allow the engine to warm up for a few minutes before engaging in heavy work.

Driving and Control

- **Gear Selection:** Select appropriate gears based on terrain and load. Avoid abrupt gear changes.
- **Braking:** Use both brake pedals simultaneously for even braking. Engage the parking brake when stopped.
- **Steering:** Operate the steering wheel smoothly. Avoid sudden turns, especially at higher speeds or with heavy loads.
- **PTO Operation:** Engage the Power Take-Off (PTO) only when the engine is at idle and the implement is clear. Disengage before stopping the engine.

MAINTENANCE PROCEDURES

Regular maintenance is crucial for the performance and longevity of your Massey Ferguson tractor. Adhere to the maintenance schedule outlined in this manual.

- **Daily Checks:** Inspect for leaks, check fluid levels, and clean debris from radiator and air intake.
- **50-Hour Service:** Lubricate all grease points, check battery terminals, and inspect fan belt tension.
- **250-Hour Service:** Change engine oil and filter, inspect air filter, and check hydraulic system filter.
- **500-Hour Service:** Replace fuel filters, check valve clearances, and inspect brake system.
- **Annual Service:** Perform a comprehensive inspection of all systems, including electrical, cooling, and transmission.

Always use genuine Massey Ferguson parts and recommended lubricants for all maintenance tasks.

TROUBLESHOOTING TIPS

This section provides solutions for common operational issues. For complex problems, consult an

authorized service technician.

Problem	Possible Cause	Solution
Engine fails to start	Low fuel, dead battery, clogged fuel filter, neutral safety switch engaged.	Check fuel level, charge/replace battery, replace fuel filter, ensure transmission is in neutral.
Loss of hydraulic power	Low hydraulic fluid, clogged hydraulic filter, faulty pump.	Check fluid level, replace filter, contact service for pump inspection.
Overheating engine	Low coolant, clogged radiator, faulty thermostat, loose fan belt.	Check coolant, clean radiator, replace thermostat, adjust fan belt tension.

SPECIFICATIONS

Key specifications for the Massey Ferguson MF 471 and MF 481 models:

- **Publisher:** Massey Ferguson
- **Publication Date:** July 24, 1984
- **ASIN:** B007HOI5IQ
- *Note: Specific engine, transmission, and dimension details are available within the full manual.*

WARRANTY INFORMATION

Massey Ferguson tractors are covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and registration, please refer to the separate warranty document provided with your tractor or contact your authorized Massey Ferguson dealer. Keep your purchase receipt as proof of purchase.

SUPPORT AND SERVICE

For technical assistance, parts, or authorized service, please contact your local Massey Ferguson dealer. They have trained technicians and genuine parts to ensure your tractor receives the best possible care. When contacting support, please have your tractor's model and serial number readily available. You can find your nearest dealer by visiting the official Massey Ferguson website or by consulting your local agricultural equipment directory.