

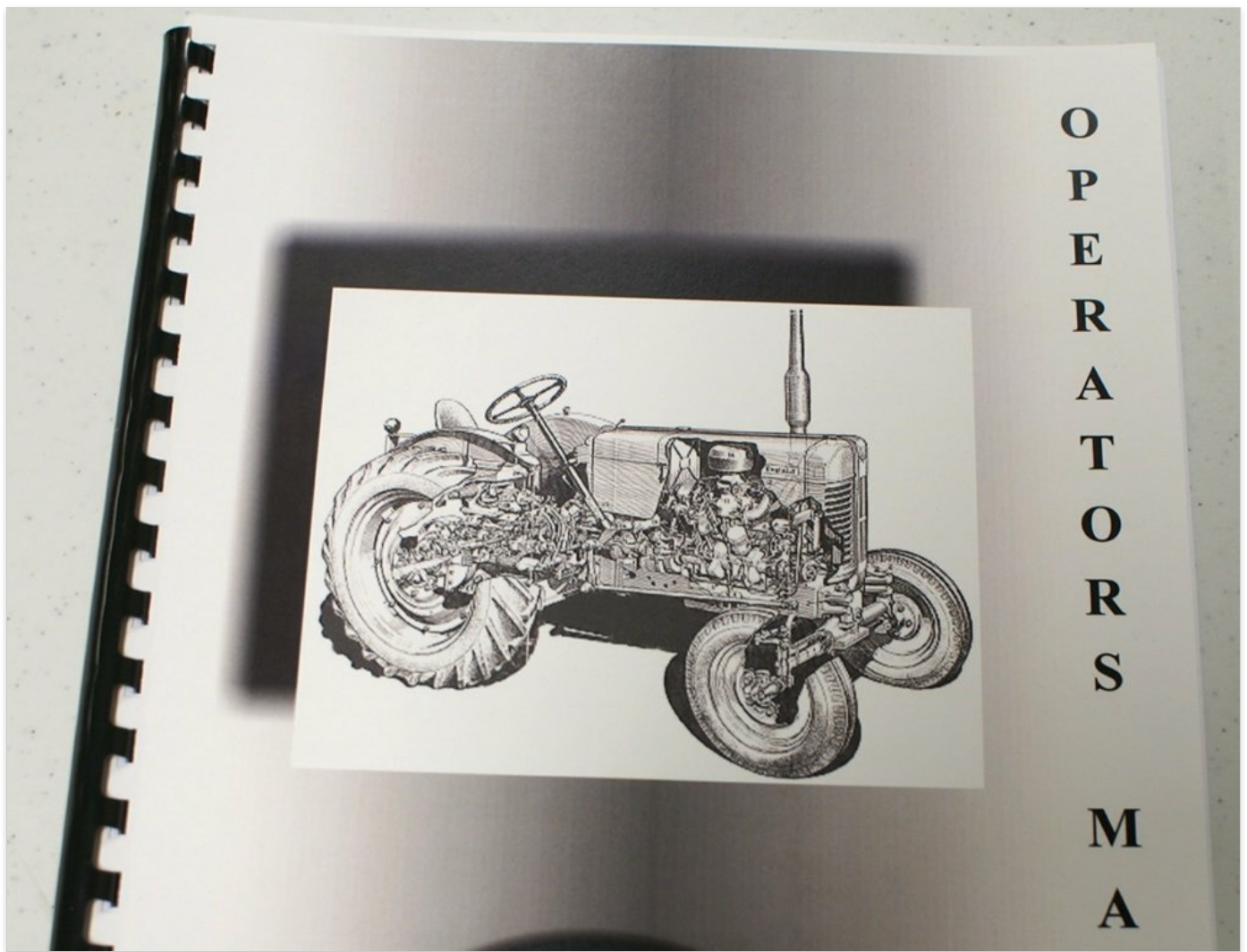
Ford 720 Series Industrial Loader

Ford 720 Series Industrial Loader Operators Manual

Essential information for safe and efficient operation, maintenance, and troubleshooting.

INTRODUCTION

This manual provides detailed information for the Ford 720 Series Industrial Loader. It is a high-quality reproduction of the original factory operator's manual, designed to supply essential information regarding your equipment. This includes comprehensive details on controls, gauges, adjustments, operating instructions, maintenance procedures, and troubleshooting tips. Adhering to the guidelines within this manual will help ensure safe operation, extend the life of your loader, and maintain its performance.



This image displays the front cover of the Ford 720 Series Industrial Loader Operators Manual, featuring the Ford logo and the model designation, indicating the comprehensive guide within.

SETUP AND PRE-OPERATION CHECKS

Before operating the Ford 720 Series Industrial Loader, perform the following checks to ensure safety and proper function:

1. **Fluid Levels:** Check engine oil, hydraulic fluid, coolant, and fuel levels. Replenish as necessary according to manufacturer specifications.
2. **Tire Pressure:** Verify that all tires are inflated to the recommended pressure.
3. **Safety Devices:** Inspect all safety guards, lights, and warning decals for damage or obstruction. Ensure the parking brake is engaged.
4. **Attachment Security:** If an attachment is installed, confirm it is securely fastened and all pins and locking mechanisms are in place.
5. **Visual Inspection:** Look for any signs of leaks, loose fasteners, or damaged components. Address any issues before starting operation.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your industrial loader:

1. **Starting the Engine:** Ensure the transmission is in neutral and the parking brake is set. Turn the ignition key to the 'ON' position, then to 'START'. Release the key once the engine starts.

- 2. **Engaging Controls:** Familiarize yourself with the loader control levers. The right lever typically controls boom lift and lower, while the left lever controls bucket tilt and dump.
- 3. **Driving:** Release the parking brake. Select the appropriate gear for the terrain and load. Operate the accelerator pedal smoothly.
- 4. **Loading Material:** Approach the material slowly with the bucket lowered and slightly tilted forward. Drive into the material, then lift the boom and tilt the bucket back to secure the load.
- 5. **Transporting Material:** Travel with the bucket lowered to a safe height (approximately 12-18 inches off the ground) and tilted back to prevent spillage. Maintain a safe speed.
- 6. **Dumping Material:** Position the loader at the desired dump location. Lift the boom to the required height and slowly tilt the bucket forward to discharge the material.
- 7. **Shutting Down:** Park the loader on level ground, lower the bucket completely to the ground, engage the parking brake, and turn off the engine. Remove the key.

MAINTENANCE PROCEDURES

Regular maintenance is crucial for the longevity and performance of your Ford 720 Series Industrial Loader. Refer to the full manual for detailed schedules and procedures.

- **Daily Checks:** Inspect fluid levels, tire condition, and general machine cleanliness.
- **50-Hour Service:** Lubricate all grease points, check battery terminals, and inspect hydraulic hoses.
- **250-Hour Service:** Change engine oil and filter, inspect air filter, and check fan belt tension.
- **500-Hour Service:** Replace fuel filter, check hydraulic system pressure, and inspect brake system.
- **Annual Service:** Flush and replace coolant, inspect all electrical connections, and perform a thorough inspection of all structural components.

TROUBLESHOOTING GUIDE

This section provides solutions to common operational issues. For complex problems, consult a qualified technician.

Problem	Possible Cause	Solution
Engine Fails to Start	Low fuel level, dead battery, faulty ignition switch, clogged fuel filter.	Check fuel, charge/replace battery, inspect ignition, replace fuel filter.
Loader Loses Power	Low hydraulic fluid, clogged hydraulic filter, engine overheating, incorrect gear.	Check hydraulic fluid, replace filter, check coolant/radiator, select appropriate gear.
Hydraulic System Malfunction	Low hydraulic fluid, air in system, damaged hydraulic lines, faulty pump.	Check fluid, bleed air, inspect/replace lines, consult technician for pump.

SPECIFICATIONS

Key specifications related to the Ford 720 Series Industrial Loader manual:

- **Publisher:** Ford
- **Publication Date:** June 10, 1983
- **Language:** English

- **ASIN:** B007HO6UYW

For detailed technical specifications of the Ford 720 Series Industrial Loader itself, please refer to the full operator's manual.

WARRANTY AND SUPPORT

Information regarding product warranty and customer support for the Ford 720 Series Industrial Loader is typically provided within the complete operator's manual or by contacting an authorized Ford dealer. This reproduction manual focuses on operational and maintenance instructions.

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