

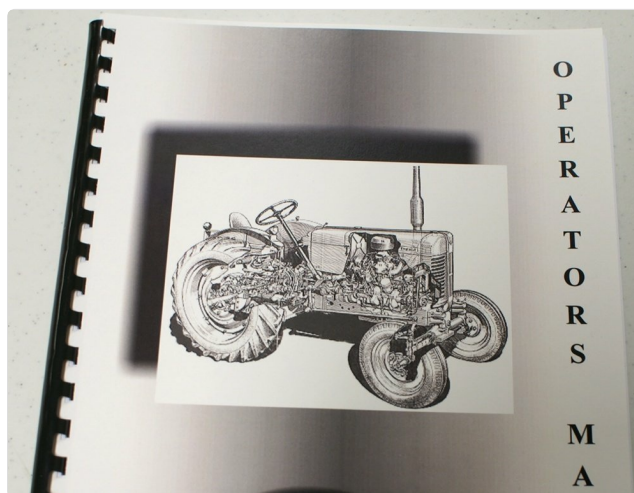
Kubota M6950DT

Kubota M6950DT Tractor Operators Manual

Essential Guide for Operation, Maintenance, and Troubleshooting

1. INTRODUCTION

This manual is a high-quality reproduction of the original factory operator's manual for the Kubota M6950DT Tractor. It provides comprehensive information necessary for the safe and efficient operation, routine maintenance, and effective troubleshooting of your farm tractor and its equipment. Understanding the contents of this manual will help ensure the longevity and optimal performance of your Kubota M6950DT.



This image displays the front cover of the Kubota M6950DT Tractor Operators Manual, featuring the Kubota logo and model designation.

2. SAFETY INFORMATION

Operating heavy machinery like the Kubota M6950DT Tractor requires strict adherence to safety protocols to prevent injury or damage. Always prioritize safety.

- **Read the Entire Manual:** Before operating the tractor, thoroughly read and understand all instructions and warnings in this manual.
- **Understand Controls:** Familiarize yourself with all controls, gauges, and their functions before starting the

engine.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including sturdy footwear, close-fitting clothing, and hearing protection when necessary.
- **Pre-Operation Checks:** Perform daily checks on fluid levels, tire pressure, and ensure all safety guards are in place and functional.
- **Clear the Area:** Ensure no bystanders, especially children, are near the tractor during operation.
- **Safe Operation:** Operate at safe speeds, especially on uneven terrain or when turning. Avoid sudden movements.
- **Proper Shutdown:** Always engage the parking brake, lower implements, and turn off the engine before leaving the operator's seat.

3. PRODUCT OVERVIEW

The Kubota M6950DT is a robust 4WD diesel tractor designed for various agricultural tasks. Understanding its key components, controls, and gauges is crucial for effective operation.

3.1. Controls and Gauges

The operator's station is equipped with various controls and gauges to monitor and manage the tractor's functions:

- **Steering Wheel:** Controls the direction of the tractor.
- **Throttle Lever:** Adjusts engine speed.
- **Clutch Pedal:** Disengages power from the engine to the transmission for gear changes.
- **Brake Pedals:** Independent left and right brakes for steering assistance, or combined for general braking.
- **Gear Shift Levers:** Selects appropriate forward or reverse gears.
- **PTO (Power Take-Off) Lever:** Engages and disengages power to implements.
- **Hydraulic Control Levers:** Manages the lifting, lowering, and angling of hydraulic implements.
- **Instrument Panel:** Displays vital information such as:
 - Fuel Gauge
 - Engine Coolant Temperature Gauge
 - Engine RPM Meter (Tachometer)
 - Hour Meter
 - Warning Lights (Oil Pressure, Battery Charge, etc.)

4. OPERATING INSTRUCTIONS

Follow these general guidelines for starting, operating, and stopping your Kubota M6950DT Tractor.

4.1. Pre-Operation Checks

1. Check engine oil level.
2. Verify coolant level in the radiator and overflow tank.
3. Inspect fuel level.
4. Check tire pressure and condition.
5. Ensure all lights and safety devices are working.

6. Clear any debris from the engine compartment and radiator screen.

4.2. Starting the Engine

1. Ensure the transmission is in neutral and the parking brake is engaged.
2. Depress the clutch pedal fully.
3. Turn the key switch to the 'ON' position and wait for glow plug indicator (if equipped) to turn off.
4. Turn the key to the 'START' position. Release when the engine starts.
5. Allow the engine to warm up at low RPM for a few minutes.

4.3. Driving and Operation

1. With the clutch depressed, select the desired gear.
2. Slowly release the clutch pedal while gradually increasing engine RPM with the throttle.
3. Use the steering wheel to guide the tractor. Use independent brakes for tight turns if necessary.
4. Engage the PTO or hydraulic system as required for implements, following specific implement instructions.

4.4. Stopping the Engine

1. Bring the tractor to a complete stop.
2. Lower all implements to the ground.
3. Engage the parking brake.
4. Shift the transmission into neutral.
5. Reduce engine speed to idle and allow it to cool down for a few minutes.
6. Turn the key switch to the 'OFF' position.
7. Remove the key to prevent unauthorized use.

5. MAINTENANCE PROCEDURES

Regular maintenance is essential for the reliable and safe operation of your Kubota M6950DT Tractor. Refer to the original service manual for detailed schedules and procedures.

5.1. Daily Checks

- Engine oil level
- Coolant level
- Fuel level
- Tire pressure and condition
- Functionality of lights and warning indicators
- Cleanliness of air intake and radiator screens

5.2. Scheduled Maintenance

Typical scheduled maintenance items include:

- Engine oil and filter replacement

- Fuel filter replacement
- Air filter cleaning/replacement
- Hydraulic fluid and filter replacement
- Transmission fluid check/change
- Lubrication of grease points
- Brake and clutch adjustment

6. TROUBLESHOOTING TIPS

This section provides general guidance for common issues. For detailed diagnostics, consult a qualified technician or the original service manual.

6.1. Engine Will Not Start

- **Check Fuel:** Ensure there is sufficient fuel in the tank.
- **Battery:** Verify battery charge and connections.
- **Safety Switches:** Confirm clutch pedal is depressed, transmission is in neutral, and PTO is disengaged.
- **Fuel System:** Check for air in the fuel system or clogged fuel filter.

6.2. Loss of Power

- **Air Filter:** Inspect and clean/replace the air filter.
- **Fuel Filter:** Replace clogged fuel filter.
- **Engine Overheating:** Check coolant level and radiator for obstructions.

6.3. Hydraulic System Malfunction

- **Hydraulic Fluid:** Check fluid level.
- **Filter:** Inspect hydraulic filter for clogging.
- **Control Levers:** Ensure levers are fully engaged or disengaged.

7. SPECIFICATIONS

Key specifications for the Kubota M6950DT Tractor Operators Manual:

Specification	Detail
ASIN	B011T0RZYI
Publisher	Kubota
Publication Date	August 16, 1979
Language	English

8. WARRANTY AND SUPPORT

As this document is a reproduction of the original Kubota M6950DT Tractor Operators Manual, specific warranty information for the tractor itself is not included here. For details regarding the tractor's warranty, technical support, or authorized service, please refer to the original manufacturer, Kubota, or an authorized Kubota dealer. They can provide the most accurate and up-to-date information regarding your specific tractor model.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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