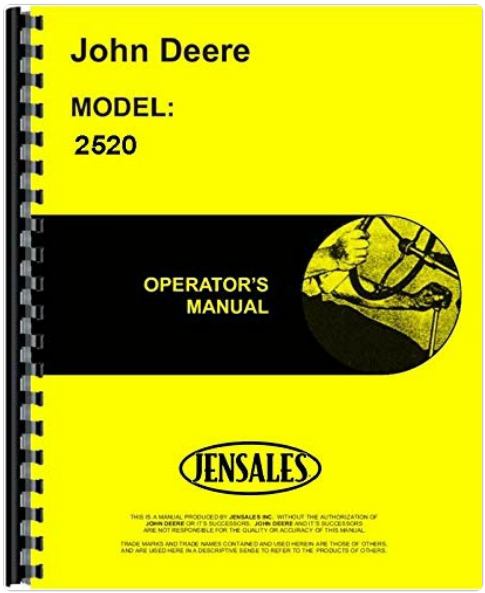
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John Deere 2520

John Deere 2520 Tractor Operator's Manual

Models 22001 and Up



This image displays the front cover of the official John Deere 2520 Tractor Operator's Manual, indicating its purpose as a comprehensive guide for tractor operation and maintenance.

1. Introduction

This operator's manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your John Deere 2520 Tractor, specifically for models with serial numbers 22001 and higher. Please read this manual thoroughly before operating the tractor to ensure proper use and to prevent injury or damage.

Familiarize yourself with all controls, safety decals, and maintenance procedures outlined herein. Keep this manual in a safe, accessible location for future reference.

2. Safety Information

Your safety and the safety of others are paramount. Always observe the following safety precautions:

- **Read and Understand:** Ensure all operators read and understand this manual before using the tractor.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing

protection, and sturdy footwear.

- **Pre-Operation Check:** Before each use, inspect the tractor for any damage, loose parts, or fluid leaks.
- **Safe Operating Environment:** Operate the tractor only in well-lit areas, free from obstructions. Be aware of bystanders, especially children.
- **Engine Shutdown:** Always shut off the engine, engage the parking brake, and remove the key before performing any adjustments, maintenance, or leaving the operator's station.
- **Fuel Handling:** Refuel in a well-ventilated area with the engine off and cool. Avoid spilling fuel.

Failure to follow these safety instructions can result in serious injury or death.

3. Setup and Pre-Operation

Before initial operation or after transport, perform the following setup steps:

1. **Fluid Level Checks:** Verify engine oil, hydraulic fluid, coolant, and fuel levels are within recommended ranges. Refer to the "Maintenance" section for specific fluid types and capacities.
2. **Tire Pressure:** Check and adjust tire pressure according to the specifications listed on the tires or in the "Specifications" section.
3. **Battery Connection:** Ensure battery terminals are clean and securely connected.
4. **Control Familiarization:** Locate and understand the function of all controls, including the ignition switch, throttle, brake pedals, clutch pedal, PTO engagement, and hydraulic levers.
5. **Attachment Installation:** If attaching implements, follow the specific instructions provided with the attachment and ensure all connections (PTO, hydraulic, three-point hitch) are secure and correctly aligned.

4. Operating Instructions

Follow these general guidelines for operating your John Deere 2520 Tractor:

- **Starting the Engine:**
  a. Ensure the transmission is in neutral and the parking brake is engaged.
  b. Turn the ignition key to the "ON" position.
  c. Turn the key to "START" and release once the engine begins to run. Do not crank for more than 10 seconds at a time.
- **Driving the Tractor:**
  a. Depress the clutch pedal fully.
  b. Select the desired gear.
  c. Release the parking brake.
  d. Slowly release the clutch pedal while gradually increasing engine speed with the throttle.
- **Stopping the Tractor:**
  a. Reduce engine speed.
  b. Depress the clutch and brake pedals.
  c. Shift to neutral.
  d. Engage the parking brake.
  e. Turn the ignition key to "OFF" to shut down the engine.
- **PTO Operation:** Engage the Power Take-Off (PTO) only when the engine is at idle and no one is near the PTO shaft. Disengage before leaving the operator's seat.

5. Maintenance Schedule and Procedures

Regular maintenance is crucial for the longevity and performance of your John Deere 2520 Tractor. Refer to the detailed maintenance schedule in the full manual for specific intervals.

- **Daily Checks:**
  - Engine oil level
  - Coolant level
  - Fuel level
  - Tire pressure
  - Visual inspection for leaks or damage
- **Every 50 Hours / Weekly:**
  - Lubricate grease fittings
  - Check battery electrolyte level (if applicable)
  - Clean air filter pre-cleaner
- **Every 200 Hours / Monthly:**
  - Change engine oil and filter
  - Inspect fan belt tension
  - Check hydraulic fluid level
- **Annual / 500 Hours:**
  - Replace fuel filter
  - Replace air filter element
  - Change hydraulic fluid and filter
  - Inspect brake and clutch adjustments

Always use genuine John Deere parts and recommended lubricants for optimal performance and warranty compliance.

6. Troubleshooting Guide

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

Problem	Possible Cause	Solution
Engine will not start	Low fuel level, dead battery, clogged fuel filter, transmission not in neutral.	Check fuel, charge/replace battery, replace fuel filter, ensure transmission is in neutral.
Loss of power	Clogged air filter, restricted fuel flow, incorrect engine speed.	Clean/replace air filter, check fuel lines and filter, adjust throttle.
Hydraulics not responding	Low hydraulic fluid, clogged hydraulic filter, faulty pump.	Check fluid level, replace filter, contact service for pump inspection.
Excessive vibration	Loose components, unbalanced tires, worn bearings.	Inspect for loose bolts, check tire balance, consult service for bearing inspection.

7. Specifications

Key specifications for the John Deere 2520 Tractor (Models 22001 and Up):

- **ASIN:** B07JD1GR18
- **Publisher:** Jensales
- **Language:** English
- **Dimensions (Manual):** 12 x 10 x 3 inches
- *Note: Specific tractor engine, power, weight, and other operational specifications are detailed within the full manual.*

8. Warranty and Support

For information regarding the warranty of your John Deere 2520 Tractor, please refer to the warranty statement included with your purchase or contact your authorized John Deere dealer. This manual itself is a reproduction by Jensales and its warranty, if any, pertains to the quality of the reproduction.
For technical assistance, parts, or service, please contact your local authorized John Deere dealership. You can find dealer information on the official John Deere website: www.deere.com.

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