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› Case Tractor Operators Manual (Models 1290 & 1390)

Case 1290, 1390

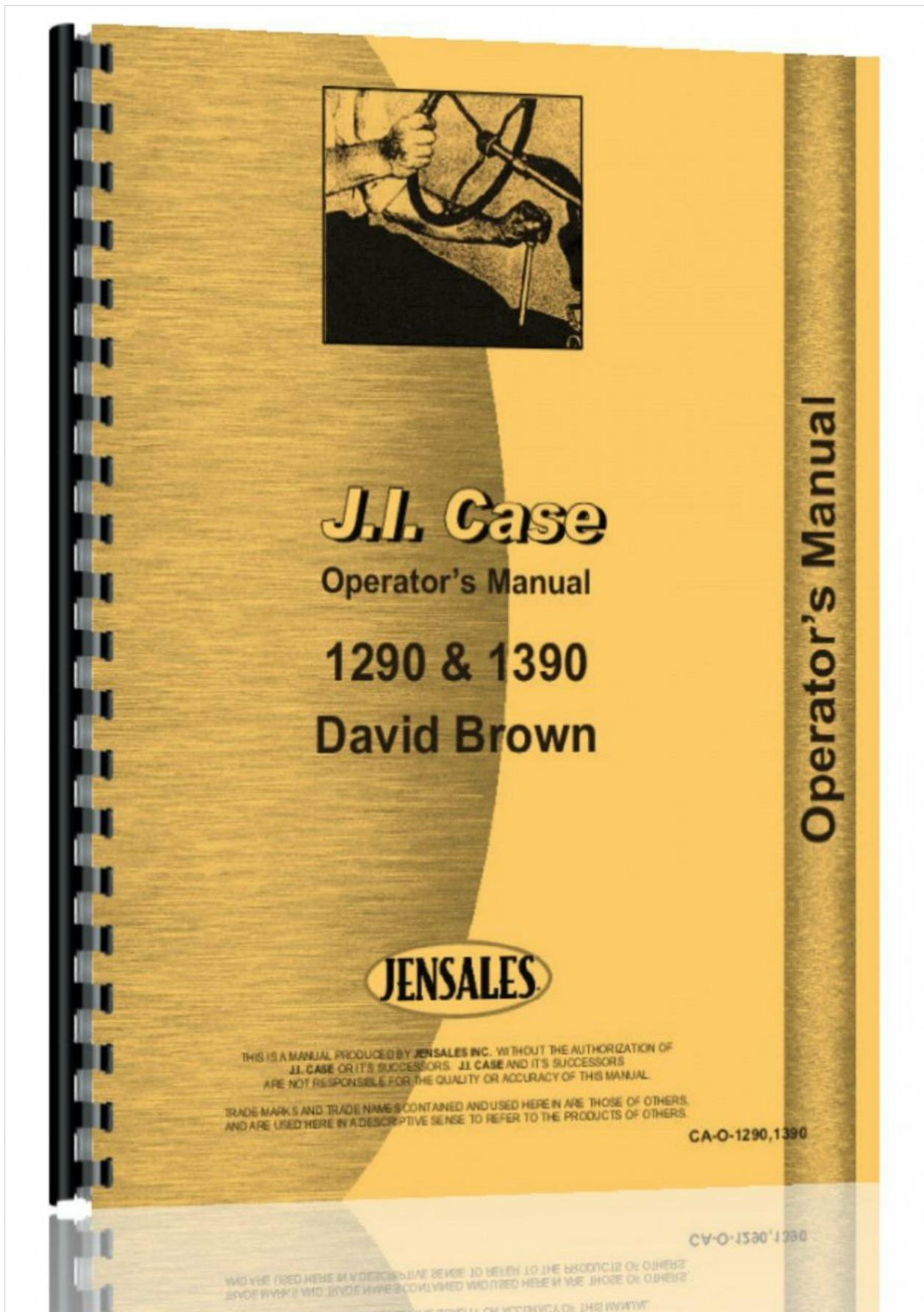
Case Tractor Operators Manual

Models 1290 & 1390

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Case 1290 or 1390 series tractor. Familiarize yourself with all instructions before operating the machine. Proper understanding and adherence to these guidelines will ensure optimal performance and extend the lifespan of your equipment.

Always prioritize safety. Pay close attention to all safety warnings and instructions provided throughout this manual. Keep this manual accessible for future reference.



The cover of the Case Tractor Operators Manual, featuring the brand logo and model numbers.

SETUP AND PRE-OPERATION

Before each use, perform the following checks to ensure safe and proper operation:

- **Fluid Levels:** Check engine oil, coolant, hydraulic fluid, and fuel levels. Replenish as necessary.
- **Tire Pressure:** Verify tire pressure according to specifications for optimal traction and stability.
- **Battery:** Inspect battery terminals for corrosion and ensure connections are secure.
- **Safety Devices:** Confirm all safety guards, shields, and lights are in place and functional.
- **Implement Attachment:** When attaching implements, ensure proper hitching, PTO connection, and hydraulic line connections. Refer to the implement's manual for specific instructions.

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 cycle.
3. Turn the key to 'START' and release once the engine begins to run. Do not crank for more than 10 seconds.
4. Allow the engine to warm up at a low idle for a few minutes before operating.

Controls and Instrumentation

Familiarize yourself with the location and function of all controls, including the steering wheel, gear shift lever, throttle, clutch, brake pedals, PTO engagement, and hydraulic levers. Monitor the instrument panel for engine temperature, oil pressure, fuel level, and battery charge.

Driving and Shifting

Always operate the tractor at a safe speed, especially on uneven terrain or when turning. Use appropriate gear selection for the task and ground conditions. Engage the clutch smoothly when shifting gears to prevent damage to the transmission.

PTO and Hydraulic System

When operating the Power Take-Off (PTO), ensure all personnel are clear of rotating parts. Engage and disengage the PTO smoothly. The hydraulic system controls the lift and position of implements. Understand the functions of the hydraulic levers for precise control.

MAINTENANCE SCHEDULE

Regular maintenance is crucial for the longevity and reliability of your tractor. Adhere to the following general maintenance guidelines:

- **Every 50 Hours:** Check engine oil level, coolant level, tire pressure, and inspect for loose fasteners.
- **Every 250 Hours:** Change engine oil and filter. Lubricate all grease points. Check air filter.
- **Every 500 Hours:** Replace fuel filter. Inspect hydraulic fluid and filter. Check battery electrolyte level.
- **Annually:** Inspect all belts and hoses. Check brake adjustment. Clean radiator fins.

Refer to the detailed maintenance schedule within the full manual for specific procedures and recommended lubricants.

TROUBLESHOOTING COMMON ISSUES

This section provides basic troubleshooting steps for common operational problems. For complex issues, consult an authorized service technician.

Problem	Possible Cause	Solution
Engine will not start	Low fuel, dead battery, faulty starter, safety interlock engaged	Check fuel level, charge/replace battery, ensure transmission is in neutral and PTO disengaged
Loss of hydraulic power	Low hydraulic fluid, clogged filter, faulty pump	Check fluid level, replace filter, consult technician
Engine overheating	Low coolant, clogged radiator, faulty thermostat, slipping fan belt	Check coolant, clean radiator, inspect fan belt tension

SPECIFICATIONS

The Case 1290 and 1390 series tractors are designed for robust agricultural applications. Key specifications include:

- **Engine Type:** Diesel, 3-cylinder (1290) / 4-cylinder (1390)
- **Horsepower:** Varies by model and configuration (refer to specific model plate)
- **Fuel Capacity:** Approximately 15-20 US gallons (57-76 liters)
- **Transmission:** Synchromesh or Hydrostatic options available
- **PTO Type:** Independent, 540 RPM

For detailed dimensions, weight, and specific performance data, please refer to the comprehensive specifications section within the complete operator's manual.

WARRANTY INFORMATION

Your Case tractor is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms, conditions, and duration of the warranty are outlined in the warranty certificate provided at the time of purchase. Please retain your purchase documentation and contact your authorized Case dealer for any warranty-related inquiries or claims.

Unauthorized modifications or the use of non-genuine parts may void your warranty.

SUPPORT AND SERVICE

For technical assistance, genuine replacement parts, or professional service, please contact your nearest authorized Case dealer. Our trained technicians are equipped to provide expert support and ensure your tractor receives the best possible care.

When contacting support, please have your tractor's model number and serial number readily available to facilitate efficient service.

This manual is intended for informational purposes only. Always refer to the physical manual for complete and up-to-date instructions.