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Kubota L175, L210, L225, L225DT, L260, B5100D, B5100E, B6100D, B6100E, B6100HST-D, B6100HST-E, B7100D, B7100HST-D, B7100HST-E,

# Kubota I & T Shop Service Manual

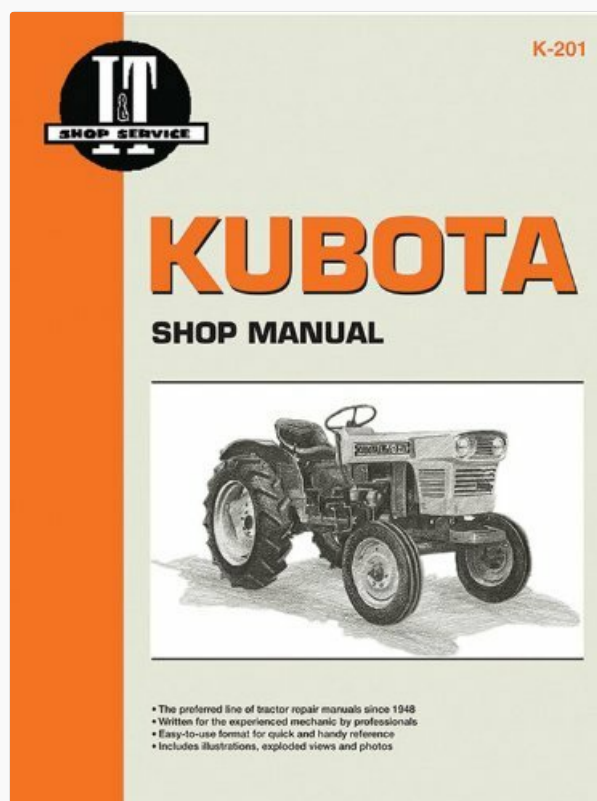
For L and B Series Tractors

## INTRODUCTION

This manual provides comprehensive service and repair information for various Kubota L and B series tractor models. It is designed for experienced mechanics and individuals performing maintenance and repair tasks on these specific Kubota tractors.

The manual covers the following Kubota tractor models:

- **L Series:** L175, L210, L225, L225DT, L260, L185, L235, L245, L275, L285, L295, L305, L345, L355
- **B Series:** B5100D, B5100E, B6100D, B6100E, B6100HST-D, B6100HST-E, B7100D, B7100HST-D, B7100HST-E



This image displays the front cover of the Kubota Shop Manual, featuring the 'I & T Shop Service' emblem, the prominent 'KUBOTA SHOP MANUAL' title, and a detailed illustration of a Kubota tractor. The cover also highlights key features such as being a preferred line of repair manuals since 1948, written by professionals, easy-to-use, and including illustrations, exploded views, and photos.

## MANUAL FEATURES

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This I & T Shop Service Manual is recognized for its comprehensive approach to tractor repair. Key features include:

- **Professional Content:** Written by experienced mechanics, ensuring accuracy and reliability.
- **User-Friendly Format:** Designed for quick and handy reference during repair procedures.
- **Visual Aids:** Includes numerous illustrations, exploded views, and photographs to clarify complex steps and component identification.

## USING THIS MANUAL

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To effectively use this manual, locate the section pertaining to your specific tractor model and the system or component you intend to service. Follow the instructions sequentially. Always prioritize safety by disconnecting power or disabling the engine before beginning any work.

Familiarize yourself with the general layout:

- **General Information:** Provides an overview of the tractor's systems and components.
- **Engine:** Covers engine disassembly, inspection, repair, and reassembly.
- **Fuel System:** Details maintenance and repair of fuel delivery components.
- **Electrical System:** Instructions for wiring, charging, and starting systems.
- **Transmission:** Procedures for transmission removal, overhaul, and installation.
- **Brakes:** Maintenance and repair of braking components.
- **Hydraulics:** Information on hydraulic pump, valves, and cylinders.
- **Steering:** Service procedures for steering mechanisms.
- **Front Axle:** Maintenance and repair of front axle components.

## MAINTENANCE SCHEDULE

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Regular maintenance is crucial for the longevity and optimal performance of your Kubota tractor. Refer to the specific maintenance schedule provided within the manual for your model. General maintenance tasks typically include:

- Engine oil and filter changes
- Air filter inspection and replacement
- Fuel filter replacement
- Coolant level and condition checks
- Hydraulic fluid and filter service
- Lubrication of grease points
- Tire pressure and condition checks
- Brake adjustment and inspection

Always use genuine Kubota parts or approved equivalents for maintenance to ensure compatibility and performance.

## TROUBLESHOOTING COMMON ISSUES

This manual includes sections dedicated to diagnosing and resolving common operational problems. When troubleshooting, systematically check components and systems as outlined in the manual. Typical troubleshooting categories include:

- Engine starting difficulties
- Engine performance issues (e.g., loss of power, unusual noises)
- Hydraulic system malfunctions
- Transmission problems
- Electrical system failures
- Brake system issues

For complex issues, consulting a certified Kubota service technician is recommended.

## SPECIFICATIONS

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Detailed technical specifications for each covered model are provided within the manual. These specifications include, but are not limited to:

- Engine displacement and horsepower
- Torque specifications for fasteners
- Fluid capacities and types (engine oil, hydraulic fluid, coolant)
- Tire sizes and pressures
- Electrical system voltage and component ratings
- Dimensions and weight

Always refer to the specific section for your tractor model to ensure accurate data for repair and maintenance.

## WARRANTY AND SUPPORT

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This I & T Shop Service Manual is a third-party publication designed to assist with the repair and maintenance of Kubota tractors. For specific warranty information regarding your Kubota tractor, please refer to the original owner's manual provided by Kubota or contact an authorized Kubota dealer. Support for the content of this manual is typically provided by the publisher, Haynes Manuals.

Publisher: Haynes Manuals (19 Jun. 2005)