

AgPubs 560 2610

AgPubs Service Manual for Long 560 & 2610 Tractors

Repair, Overhaul, and Troubleshooting Guide

1. INTRODUCTION TO YOUR SERVICE MANUAL

This document is a dedicated Service Manual for the Long 560 and 2610 tractor models. It is designed to provide detailed instructions and technical information necessary for performing repair, overhaul, and troubleshooting procedures on your equipment. This manual is an essential resource for maintaining the operational integrity and extending the lifespan of your tractor.

For optimal use, familiarize yourself with the manual's structure and content before beginning any service work. Always prioritize safety and consult relevant safety guidelines for tractor maintenance.

2. UNDERSTANDING MANUAL TYPES

Different types of manuals serve distinct purposes for equipment maintenance and operation. Understanding these distinctions ensures you use the correct resource for your specific needs:

- **Service Manual:** This manual, which you are currently reading, focuses on *repair, overhaul, and troubleshooting*. It contains detailed procedures for disassembling, inspecting, repairing, and reassembling components, along with diagnostic information for identifying and resolving issues.
- **Operators Manual:** Provides information on *basic maintenance, operational procedures, fluid types, quantities, and adjustments*. It is intended for daily operation and routine care.
- **Parts Catalog:** Features *exploded views, part names, and factory (OEM) part numbers*. This manual is crucial for identifying and ordering correct replacement parts.

Ensure you have the appropriate manual for the task at hand to avoid errors and ensure proper service.

3. USING THIS SERVICE MANUAL

This service manual is organized into sections covering various systems and components of the Long 560 and 2610 tractors. Each section provides step-by-step instructions, diagrams, and specifications to guide you through complex procedures.

- **Navigation:** Refer to the section headings to locate information relevant to the specific component or system you are working on.

- **Diagrams and Illustrations:** Detailed diagrams and exploded views are provided to aid in component identification and assembly. Always cross-reference text instructions with accompanying visuals.
- **Specifications:** Torque values, clearances, and other critical specifications are listed within relevant sections. Adhere strictly to these values for proper function and safety.
- **Safety Warnings:** Pay close attention to all safety warnings and precautions indicated throughout the manual.

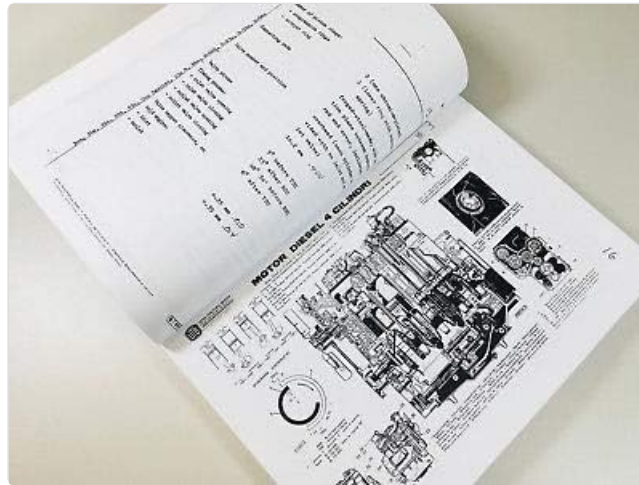


Figure 3.1: An open page from the service manual illustrating a diesel engine diagram and accompanying technical text.

4. PREPARING FOR SERVICE OPERATIONS

Before commencing any repair or overhaul work, proper preparation is crucial for safety and efficiency:

1. **Safety First:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear. Ensure the work area is well-lit and clear of obstructions.
2. **Secure the Tractor:** Park the tractor on a level surface, engage the parking brake, and block the wheels to prevent accidental movement. Disconnect the battery to prevent electrical hazards.
3. **Gather Tools:** Collect all necessary tools, equipment, and replacement parts before starting. Refer to the manual for specialized tools that may be required.
4. **Cleanliness:** Clean the area around the component to be serviced to prevent contamination of internal parts.

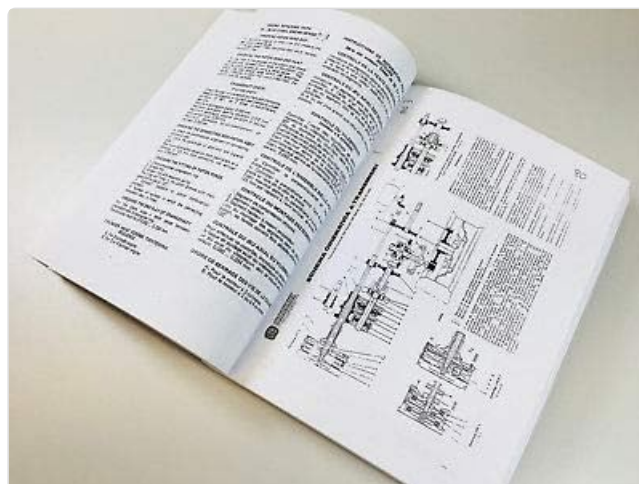


Figure 4.1: A typical page from the manual showing detailed text instructions alongside smaller technical diagrams.

5. REPAIR AND OVERHAUL PROCEDURES

This manual provides comprehensive instructions for various repair and overhaul tasks. Each procedure is broken

down into logical steps, often accompanied by diagrams to illustrate the process.

5.1 Engine Overhaul

Detailed steps for disassembling, inspecting, repairing, and reassembling the engine components. This includes cylinder heads, pistons, crankshaft, and valve train. Specific measurements and torque specifications are provided for each step.



Figure 5.1: A page from the manual featuring an intricate diagram of a gearbox, labeled 'GEARBOX', with accompanying descriptive text.

5.2 Gearbox Service

Instructions for inspecting, repairing, and reassembling the tractor's gearbox. This section covers clutch adjustments, gear replacement, and lubrication requirements. Refer to the specific model section for your tractor.

5.3 Other Systems

The manual also covers service procedures for other critical systems, including the hydraulic system, steering, brakes, and electrical components. Each section provides specific guidance for diagnosis and repair.



Figure 5.2: An exploded view diagram from the manual illustrating the rear axle housing of a tractor, with parts labeled.

6. TROUBLESHOOTING GUIDE

This section provides a systematic approach to diagnosing common problems encountered with Long 560 and 2610 tractors. It includes symptom-based charts and diagnostic procedures to help identify the root cause of issues.

When troubleshooting, always start with the simplest checks and progressively move to more complex diagnostics. Consult the relevant repair sections once the problem area has been identified.

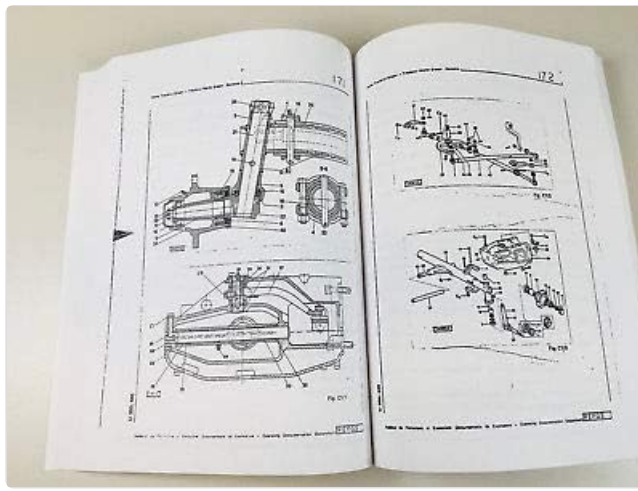


Figure 6.1: A page from the manual displaying several technical diagrams of mechanical linkages and components, useful for troubleshooting.

7. TECHNICAL SPECIFICATIONS

Detailed technical specifications for the Long 560 and 2610 tractors, including engine displacement, power output, fluid capacities, and critical torque settings, are provided within the specific repair sections of this manual. Always refer to the exact page numbers and diagrams referenced for the most accurate and up-to-date information relevant to your tractor's model and serial number.

This manual serves as the primary source for all technical data required for proper service and overhaul.

8. WARRANTY AND SUPPORT

This document is a reproduction service manual published by AgPubs. It is intended as a technical guide for repair and maintenance. Warranty information for the original Long 560 and 2610 tractors should be obtained from the original equipment manufacturer or your tractor dealer.

For inquiries regarding this specific service manual, please contact AgPubs directly. This manual does not provide warranty coverage for the tractor itself.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details.](#)

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.

Submit question