

Kubota GL3500 GL4500(S) GL5500(S) GL6500S

Kubota GL3500, GL4500(S), GL5500(S), & GL6500S Diesel Generator Parts Manual

Detailed Component Identification and Assembly Guide

1. INTRODUCTION

This Kubota Parts Manual is a comprehensive guide designed to assist in the identification, disassembly, and assembly of components for the GL3500, GL4500(S), GL5500(S), and GL6500S series diesel generators. It provides exploded views and part numbers essential for maintenance, repair, and ordering replacement parts. This manual is intended for use by qualified service personnel and individuals with a thorough understanding of mechanical systems.

2. MODEL COMPATIBILITY

This manual covers the following Kubota diesel generator models:

- Kubota GL3500 Diesel Generator
- Kubota GL4500(S) Diesel Generator
- Kubota GL5500(S) Diesel Generator
- Kubota GL6500S Diesel Generator

Ensure your generator model matches one of the listed models for accurate parts identification.

3. PARTS IDENTIFICATION

Each section of this manual is dedicated to specific systems or assemblies of the generator. Parts are presented through detailed exploded diagrams, allowing for clear visualization of component relationships and assembly order. Each component in the diagram is assigned a reference number, which corresponds to a part number and description in the accompanying parts list.

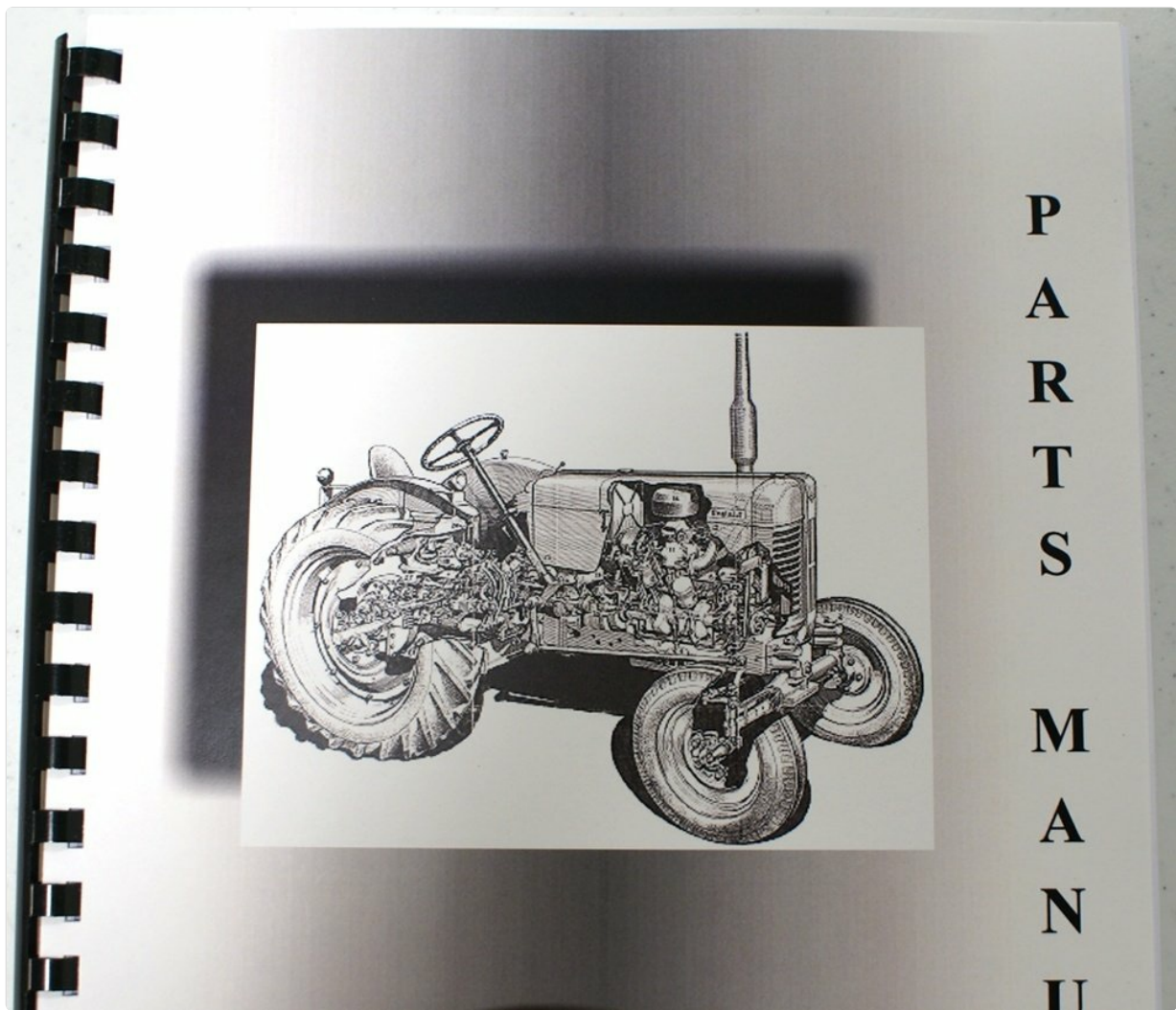


Figure 3.1: Example of a typical exploded view diagram from the parts manual. This image illustrates how individual components of a generator assembly are depicted, showing their relative positions and connections. Users can cross-reference the numbered parts in the diagram with the corresponding parts list to identify specific components and their part numbers.

To identify a part:

1. Locate the relevant section for the system you are working on (e.g., Engine Assembly, Fuel System, Electrical Components).
2. Find the exploded diagram that illustrates the specific assembly.
3. Identify the component in the diagram and note its reference number.
4. Refer to the parts list associated with that diagram to find the corresponding part number and description.

4. ASSEMBLY AND DISASSEMBLY PROCEDURES

While this is primarily a parts identification manual, the exploded views provide critical insight into the correct sequence for assembly and disassembly. Always observe the following general guidelines:

- **Safety First:** Always disconnect power and ensure the generator is cool before beginning any work. Wear appropriate personal protective equipment (PPE).
- **Order of Operations:** Components are typically shown in their assembled state. Disassembly generally proceeds in the reverse order of assembly shown in the diagrams.
- **Fasteners:** Pay close attention to the type, size, and location of all fasteners. Note any specific torque specifications if available in a service manual.

- **Gaskets and Seals:** Always replace gaskets, O-rings, and seals during reassembly to prevent leaks and ensure proper function.
- **Cleanliness:** Maintain a clean work environment to prevent contamination of sensitive components.

5. COMPONENT SPECIFICATIONS

This manual provides part numbers and descriptions. For detailed technical specifications such as dimensions, material composition, or performance characteristics of individual components, refer to the official Kubota service manuals or contact an authorized Kubota dealer. The part numbers provided herein are crucial for ensuring you obtain the correct replacement components.

6. ORDERING REPLACEMENT PARTS

When ordering replacement parts, always use the exact part number listed in this manual. Providing the generator model number and serial number along with the part number will help ensure accuracy. Contact an authorized Kubota dealer or parts supplier for genuine Kubota replacement parts.

7. SAFETY INFORMATION

Always prioritize safety when working with machinery. Improper handling of parts or incorrect assembly can lead to equipment damage or personal injury. Refer to the generator's operator's manual for comprehensive safety warnings and instructions before performing any maintenance or repair tasks.

8. DISCLAIMER

This manual is a reproduction of the original factory parts manual and is provided for informational purposes only. While every effort has been made to ensure accuracy, Kubota Corporation reserves the right to make changes to specifications and designs without notice. The manufacturer is not responsible for any damage or injury resulting from improper use, maintenance, or unauthorized modifications to the generator.