

# Technical Manual

## Operational Principle

# ZW370

## Wheel Loader

ZW370 WHEEL LOADER TECHNICAL MANUAL OPERATIONAL PRINCIPLE

 **Hitachi Construction Machinery Co., Ltd.**

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Service Manual consists of the following separate Part No.  
Technical Manual (Operational Principle) : Vol. No.TO97C5-E  
Technical Manual (Troubleshooting) : Vol. No.TT97C5-E  
Workshop Manual : Vol. No.W97C5-E



## Foreword

To ensure good machine performance, reduce failures or problems, and prolong the service life of each component, it is necessary to operate the machine as is directed in the Operator and Maintenance Manual.

To effectively diagnose and repair the machine, it is important to follow the guidelines laid out in this Shop Manual.

### **General Information Function and structure**

For the engine, refer to the engine Shop Manual provided by the engine manufacturer.

The purpose of this manual is to provide information on the product and the correct maintenance and repair methods. Please read this manual to ensure correct troubleshooting and good repair service.

This manual will be periodically reviewed and revised for more satisfactory content. If you have any opinion or requests, please inform us.

## Safety Symbols

An accident may occur if you disregard safety rules.

In this manual, several expressions are used according to levels of danger for inspection and repair work as shown below. Read the work procedures and cautions described in this manual, and take preventive measures against possible problems before starting service work.

### **DANGER**

This danger symbol identifies special warnings or procedures which, if not strictly observed, will result in death or serious injury.

### **WARNING**

This warning symbol identifies special warnings or procedures which, if not strictly observed, could result in death or serious injury.

### **CAUTION**

This caution symbol identifies special instructions or procedures which, if not strictly observed, may result in minor or moderate injury.

### **IMPORTANT**

This important symbol identifies special instructions or procedures which, if not correctly followed, may result in serious machine damage.

We cannot predict all possible accidents or incidents that may occur during service work. Therefore, an accident that is not specifically mentioned in this manual may occur. To protect yourself from all accidents, be careful when doing service work.

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