

# **330 / 430 LOG LOADER**

S/N – CB1066 – CE1313

S/N – 961314 – 961314

## **TECHNICAL MANUAL 330 / 430 LOG LOADER TMF278359**

### **CALIFORNIA Proposition 65 Warning**

**Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.**



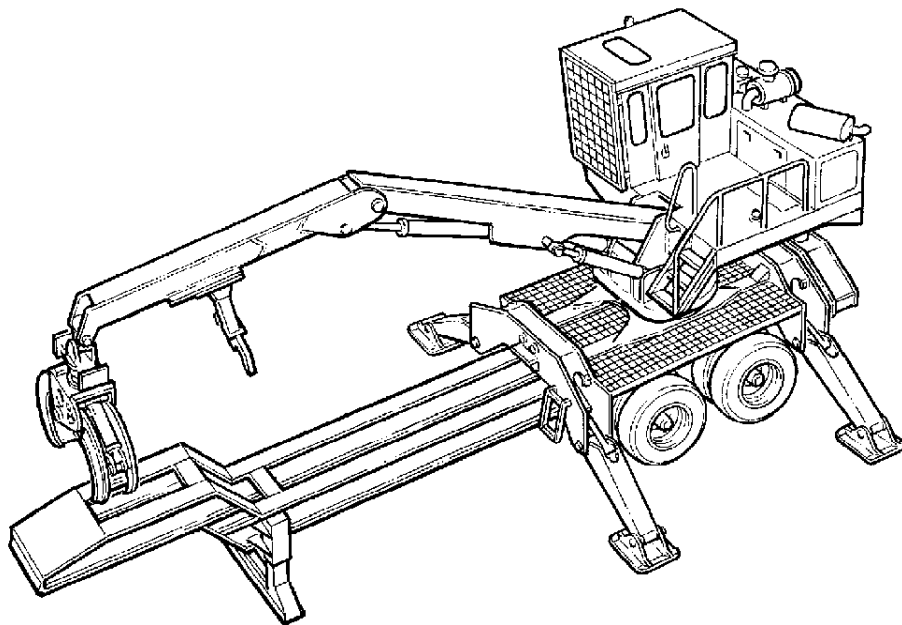
### **WARNING**

**The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.**

**Worldwide Construction and Forestry Division**

English

# Service Manual



## Model 330 and 430 Loaders

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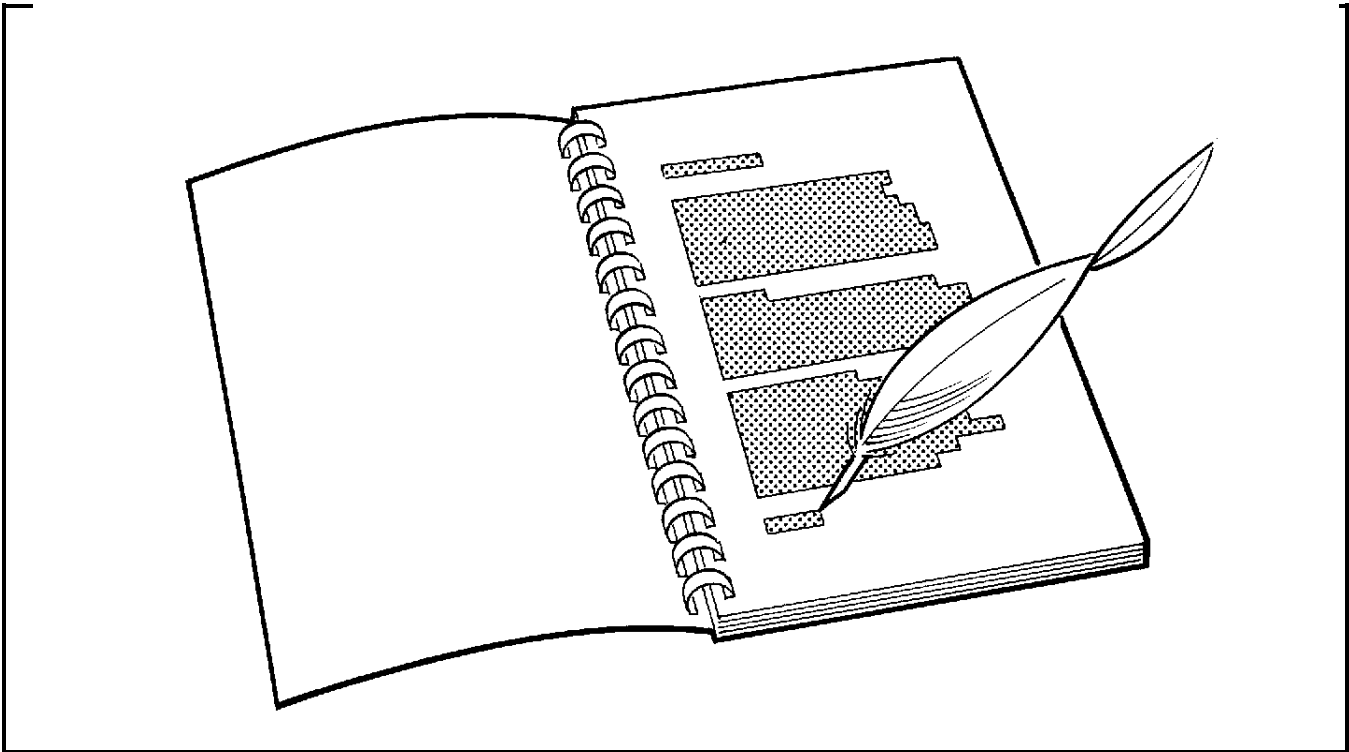


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# 1. Introduction



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## **1.1 Foreword**

This service manual provides detailed instructions for troubleshooting, maintenance and repair which includes removal/installation, inspection, and replacement. Also included are test procedures and specifications of the various systems making up the Timberjack 330/430 Log Loader.

Use this manual as an on-the-job guide and quick reference. The information contained are kept as brief as possible to enable the service technician to quickly grasp the needed informations.

Wherever references are made to the front, rear, left and right side of the machine. Consider the machine a two-part unit where the platform and outriggers constitute the base, and the superstructure, including the booms, constitute the turntable. On the base the front end is that end pointing toward the cab of the truck or neck of the trailer on which the loader is mounted. The left and right sides of the base are determined from a position behind the truck or trailer looking forward. On the turntable the booms are at the front and the left and right hand sides are determined from a seated position in the operator's seat facing the booms.



Where applicable, throughout the text, "Safety Alert" symbols have been used to indicate important safety measures. Read carefully, understand, and follow these instructions to prevent hazardous situations that could lead to risk of personal injury.

The information contained in this manual is current at the time of publication; however, continuing product improvement may result in changes to the machine or its components which are not covered. Should information regarding such changes or any further information be required, please contact your Timberjack Inc. service representative.

**CALIFORNIA  
Proposition 65 Warning**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

## **1.2 Non-approved Field Product Changes**

Changes of any kind to the Timberjack Inc. product including the fitting of any unauthorized attachments could affect the integrity of the product, its stability, or its ability to perform as designed or intended.

Timberjack Inc. disclaims responsibility for any situation that may arise as a result of unauthorized change to its product.

IT IS TIMBERJACK INC. POLICY THAT NO CHANGES ARE TO BE MADE TO ITS PRODUCTS INCLUDING DELETIONS OR ADDITIONS OTHER THAN A TIMBERJACK APPROVED OPTION FITTED IN THE FACTORY APPROVED MANNER.

If any person or organization modifies or contributes in any way to unauthorized modification, the person or organization will be deemed to have assumed the risk involved with such modification and may be deemed negligent in creating a dangerous situation resulting from such action.

Where changes are made without the official approval as described above, and Timberjack Inc. becomes involved in suit arising out of such change, Timberjack Inc. will protect its interest by taking whatever action is appropriate.

Options or changes are only officially approved in the following form:

- a) Standard options for that product shown or listed on a current, printed specification sheet, price list, parts manual, or product literature issued by Timberjack Inc.
- b) Clearly specified options or product changes approved in writing by the Timberjack Inc. Vice President - Engineering.

*Failure to adhere to this policy NULLIFIES and VOIDS both the product warranty policy and the certification on any safety items installed on the modified machine.*

Non-approved product changes also nullify warranties given to Timberjack Inc. by its component manufacturers.

NO OTHER PERSON IS AUTHORIZED TO GIVE SUCH APPROVAL.

**Timberjack Inc.**  
Woodstock, Ontario, Canada  
April, 1996.

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