

Index

LIEBHERR

Hydraulic Excavator

A 900 - A 932

Litronic

Ident No. 8719164

Service Manual A / R 3

This edition contains all
updates including
update no. 8 dated 28.11.97

Service Manual

No.:

Owner:

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Service Manual A 1

Service Manual A 2

1	General Information
2	Tools
3	Technical Data Maintenance Guidelines
4	Engine
5	Clutch / Splitterbox
6	Hydraulic system
7	Hydraulic Components
8	Electrical System
9	Swing Gear
10	Swing Ring
11	Final Drive Gear / Two Speed Gear Box
12	Track Componentets /Axles
13	Steering
14	Oscillating Axle Stabilizer
15	Brake System
16	Special Attachments / Additional Hydr. Install.
17	Cab / Heater Air Conditioning System
18	Under - / Uppercarriage Attachments
19	Arrangement of Tanks
20	

Foreword

This manual has been prepared to provide you with technical information on the design and construction of the various components which made up the LIEBHERR excavator.

It contains brief and precise descriptions, guidelines and drawings of adjustment procedures as well as hydraulic and electrical schematics, and graphically depicted diagrams and sectionals to help you with any repairs, which might become necessary on our hydraulic excavators.

We deliberately avoided full drawings and details of each repair stage, a practice often adopted in workshop manuals of this kind, since only skilled mechanics already familiar with most repair work described in this manual, should perform repair work. This manual is also intended to provide you with information regarding certain adjustment values.

Instructions on maintenance is excluded from this manual, since it are covered in the individual Operation and Maintenance Manual.

Be sure to observe all accident prevention guidelines and adhere to all safety information before and during any maintenance and / or repair procedure on the hydraulic excavator.

To perform tests and repairs listed in this manual, a complete set of standard tools, as well as special tools and fixtures shown and listed, is necessary. Always observe utmost cleanliness and order.

No special emphasis is put on replacing sealing components, since it is taken for granted that all removed seals, O-rings and gaskets are replaced during the course of repair. Tighten any screw connections, if no other values are given, to the required tightening torque.

Certain notes are used throughout this manual to emphasize important or critical instructions.



This mark used in our descriptions denotes an important note or reminder, which should be especially noted.



This exclamation mark used in our descriptions denotes an important note or a reminder of safety practices or directs attention to unsafe practices, which could pose a danger for the mechanic and / or the machine. if proper precautions are not taken.

This Service Manual has been issued by the Customer Service Department of **LIEBHERR HYDRAULIKBAGGER GMBH.**, Kirchdorf/ Iller, Department VS.

This manual will be updated regularly, as a registered holder of a Service Manual you will automatically receive all revised and new pages according to the latest series status.

Some Service Information bulletins may also need to be filed in this Service Manual.

This book may not be copied nor given to third persons without our approval!

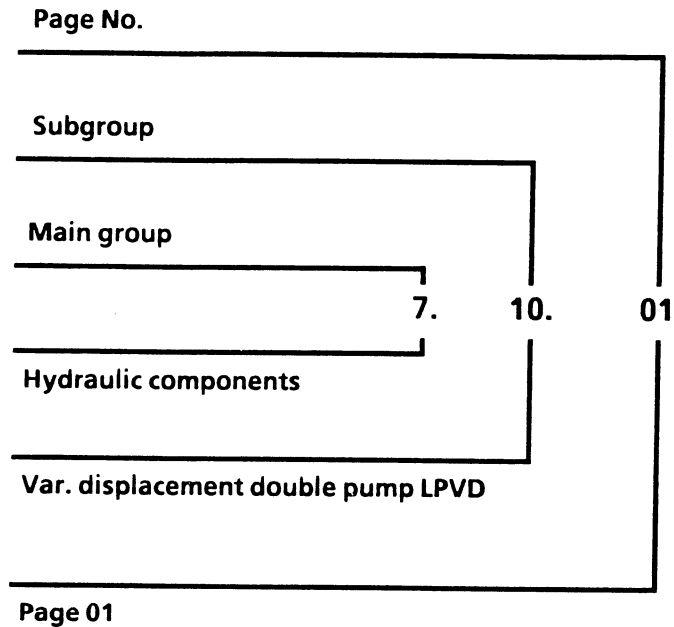
We reserve the right to make changes.

We trust that with this information contained in this manual and your cooperation we have taken another step toward continuing improvement of service on our LIEBHERR hydraulic excavators.

LIEBHERR HYDRAULIKBAGGER GMBH.

Explanation

In order to make it easy to find certain information or to remove and/or add pages in case of changes or improvements. the following system has been established:



The index for the main groups can be found on the index page.

The subgroups can be found on the index page in front of the main group. In addition, the machines with serial numbers are listed on the index, which is valid for this subgroup.

In case of minor changes we will issue revised pages and update the date. If an already existent sub group is completely revised, we will assign a new sub group number.

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