

## **Service Manual**

Hydraulic excavator

R 906 Advanced / R 916 Advanced / R 926 Advanced

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**Valid for:** R 906 Advanced / R 916 Advanced / R 926 Advanced

**Type:** 1142 / 1143 / 1144 / 1285 for R 906 Advanced  
423 / 1024 / 1025 / 1274 / 1307 for R 916 Advanced  
692 / 1026 / 1027 / 1346 for R 926 Advanced

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## Introduction

This manual contains technical data, design and functional descriptions, as well as service and set up instructions. The documents include numbers of drawings, functional diagrams, as well as detailed views of units and assemblies of LIEBHERR hydraulic excavators.

This manual has been created in order to assist the customer support services, but does of course replace neither proper technical training and qualification of the user nor participation in LIEBHERR operator training courses.

General basic technical information is not included in this manual. For operating instructions and information on spare parts, please refer to the separate documentation.

For maintenance and reparation of the machine, follow conscientiously the safety instructions and warnings.

### Symbols used in this manual

In this manual the description of tasks and procedures that are associated with specific dangers are accompanied by safety instructions mentioning the danger related to described work. The safety instructions are graded according to the severity of the risk, and are identified with the symbols «**Danger**» and «**Caution**», which have the following significances:

These terms are identified by symbols in the operating instructions and :



#### **Danger!**

Warning referring to a danger where there is a high probability of death or serious injury to operators, unless the prescribed safety measures are taken.

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#### **Caution!**

Warning relating to dangers that might lead to injury or machine damages, unless the prescribed safety measures are taken.

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#### **Note!**

Comments and advices which will, if adhered to, help you to keep your excavator operating, to insure longlife to your machine and to facilitate certain procedures.

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### Signification of specific punctuation marks in descriptions

- This mark introduces «an entry in a list».
  - This mark introduces «an entry in a sublist».
- ☐ This mark indicates «a requirement that must be fulfilled», before going on with the procedure below.
- ▶ This mark identifies «an injunction to perform the mentioned action».
  - ↪ This mark indicates «the normally expected result of a carried out action».

### About the contain of this Service Manual

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This manual shall be amended without prior notice to reflect new technical developments and machine series. LIEBHERR reserves the right to make minor technical amendments to the machines that might not be reflected in the accompanying documentation.

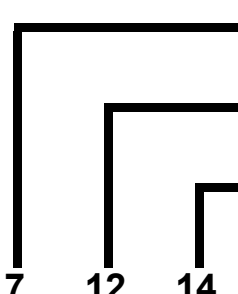
This manual might be complemented by additional service information sheets issued by LIEBHERR.

This manual has been compiled and published by the Technical Documentation Department of **LIEBHERR-FRANCE SAS 68005 Colmar cedex.**

We hope that the information in this documentation, aimed at improving the service of LIEBHERR excavators, is useful to you.

### Structuration of our Service Manuals

In order to make it easy for users to find a specific sheet or information on a certain group, and to file amended and additional pages, each page is identified as follows:

	Example
 <p>Main Group</p>	7. = Main Group «Hydraulic components»
<p>Sub Group</p>	12. = Sub Group «Variable Flow Hydraulic Pump - Type LPVD»
<p>Number of the Page in Sub Group</p>	14. = Page «Adjustment for Variable Flow Hydraulic Pump LPVD»

The main groups are listed in the table of contents at the beginning of the book.

The subgroups are listed on a subgroup index, on the first page of each main group section. This subgroup index also includes the indication of machines models, types and serial number to which the subgroup is relevant.

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