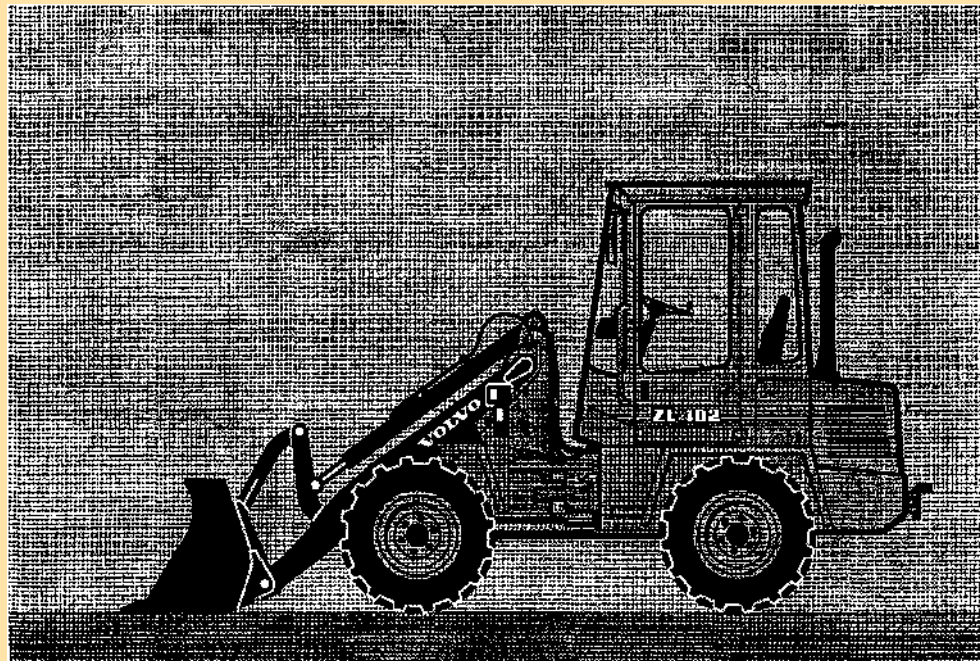


OPERATOR'S MANUAL

ZL 402 SERIE C



VOLVO

Volvo Compact
Equipment GmbH

CWL-K Ref. No. 2908766 (GB)
PARTS Ref. No. 21 2 430 6053
From machine 60 06 001
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VOLVO

**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.

**California
Proposition 65 Warning**

Battery posts, terminals and other related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and other reproductive harm.

Wash hands after handling.

Foreword

This operating instruction manual serves as a guide for the correct use and maintenance of your machine. It must always be kept with the machine. The recommendations for operation, maintenance and the safety regulations (safety -brochure) must be thoroughly read before you start the machine, work with the machine or perform maintenance work.

Become acquainted with all operating elements and all instructions and store the operating instruction manual in such a place in the machine where it is always at hand. If you lose the operating instruction manual you should immediately buy a new one.

Note:

These operating instructions have been written for all possible markets and may therefore also contain notes on the operation of optional equipment. You do not have to bother with this if your machine is not equipped with such options.

We are continually trying to improve our products and reserve therefore the right to implement design changes and improvements, if we are of the opinion that this may improve the performance and the abilities of the product. With this, however, we do not commit ourselves to modify machines which have already been delivered and which are already in operation. We also reserve the right to change data and equipment as well as instructions for maintenance and other service activities without prior notification.

Before leaving the factory the machine has been thoroughly tested and adjusted. If the machine was handed over to you by our dealer it has been subjected to another inspection, the delivery inspection. Our dealers are always available to help you to keep your wheel loader in an excellent operating condition. They are authorized to perform the specified inspections. The first inspection is to be performed within 100 operating hours, the second one after 500 operating hours and the third one before the expiration of the warranty period, but not later than after 1000 operating hours.

The performance of these inspection is a prerequisite for the validity of the warranty.

Safety regulations

Each country has its own safety regulations. No matter under which working and local conditions you are working – private or public safety regulations of the respective country and the liability association must be strictly observed.



Attention!

The above warning symbol appears at several points in these operating instructions and highlights instructions for your own personal safety. The driver must also be acquainted with and observe all warning and information decals, which are attached to the wheel loader.

This operating instruction manual must be treated confidentially. It is intended to be used only by the personnel working in your company. Handing it over to a third party is prohibited. All documents are subjected to the copyright law.

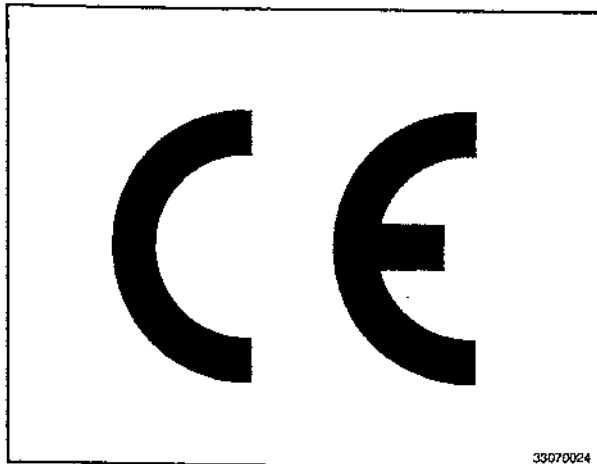
Note:

Our training centre conducts training sessions for the personnel of customers.

- Quick learning of operation for different applicational conditions.
- Practical knowledge about maintenance and care.

Volvo Compact Equipment GmbH
D-54329 Konz-Köhen · Max-Planck-Str. 1
Phone 06501 / 84 -01 · Fax Service Department 06501 / 84 410

CE–sign, EMC–instructions, Roll over Protection Structure (ROPS)



CE-Sign and Declaration of Conformity

(applies only for machines, which are to be sold within the European Community)

"The machine was awarded with a CE-Sign".

This means that the machine fulfils the the appropriate "General Health and Safety Requirements of the so-called EC machine regulations.

As a proof for the fulfilment of the above mentioned requirements the machine is delivered with a EC Declaration of Conformity. If any conversions are made which will impair the safety of the machine, the person modifying the machine is fully responsible for the resulting effects.

If the machine is used for purposes other than those mentioned in these operating instructions, the safety of the machine must be assured at any time. Whoever uses the machine for such measures is fully responsible. In certain cases it may be necessary to obtain a new CE-sign and to issue a new declaration of conformity.

We will only assume reliability for machines which are operated with the attachments, equipment and spare parts specified by us.

The attachments (optional equipment) manufactured by us are adapted integral parts of the machine. The CE-sign therefore covers also our attachments. We do not assume liability for attachments made by other manufacturers.

Materials which have an effect on noise such as noise insulation, noise reducing or noise absorbing materials must not be changed or removed. It is also prohibited to cut holes into the cabin or the engine compartment, because this would have a negative effect on the noise level.

EMC-instruction of the EC

Under certain conditions the electronic equipment may have an interfering effect on other electronic equipment, or other electronic equipment may interfere with the electronic equipment on the machine, which may impair the safety. The EMC-instruction of the EC concerning the "electro-magnetic conformity" contains a general description of the requirements, which may be appropriate for the safety of a machine, the limits of which are specified in international standards. Machines or apparatuses which meet these demands will be awarded with the CE-sign. Our machines have been particularly tested with respect to electro-magnetic interferences. The CE-sign and the declaration of conformity refer to the EMC-instructions. If another piece of electronic equipment is to be fitted to the machine it must have the CE-sign and the machine must be checked with respect to electro-magnetic interference.

CE–sign, EMC–instructions, Roll over Protection Structure (ROPS)

Unpermissible changes to the roll over protection structure (ROPS)

Do not perform any non-permitted changes to the roll over protection structure(so-called ROPS) such as fastening of a fire extinguisher or a radio antenna or similar equipment by welding,

Such non-permitted changes impair the strength properties of the safety cabin and will cause the ROPS-approval to become invalid. The roll over protection structure (ROPS) is in accordance with the acceptance conditions and specifications of the standards ISO 3471 (1994) and SAE 1040 (APR. 88).

The cabin also has the FOPS-approval according to ISO 3449 (1992), SAE J231 (JAN. 81).

Any planned changes must first of all be checked by the technical department to find out whether the change is permitted within the framework of the certification examinations.

It is of utmost importance that both the employees as well as the management are fully acquainted with the instructions concerning the FOPS/ROPS-protection.

The seat belt meets the demands of the standard ISO 6683 (JULI 81).

After an accident or if the machine has turned over the seat must be replaced, because parts of the seat may have been deformed.

If one sees a machine which is being modified in an unpermitted way, both the customer as well as the manufacturer should be informed in writing.

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