

SERVICE MANUAL

E225BSR
ROPS Tier III
Crawler Excavator

Print No. 84396008A



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E225BSR

**WORKSHOP MANUAL
ENGLISH**

Print No. 84396008A

TO THE READER

- This manual has been written for a skilled technician, in order to give him the information necessary to repair this machine.

Read this manual carefully for correct information about repair procedures.

For any question or comment, or in case you notice a mistake in this manual content, please contact:

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ADDITIONAL REFERENCE MANUALS

- In addition to this Workshop Manual, refer also to the following:
Operation and maintenance instruction manual
Spare parts catalog

DESCRIPTION OF THE WORKSHOP MANUAL

- This repair manual consists of one single volume, identified with:

E225BSR - Workshop Manual “Hydraulic excavator”

- The “Hydraulic excavator” Workshop Manual contains the technical information necessary for machine service and repair, the service equipment, the information on maintenance standards, the removal and installing procedures, and the disassembly and assembly procedures.
- The complete Workshop Manual for the model *E225BSR* consists of the following volume identified by print number as shown herebelow:

VOLUME	MACHINE TYPE	PRINT No.
Workshop Manual - “Hydraulic excavator”	E225BSR	84396008A

INTRODUCTION

AVOID ACCIDENTS

Most accidents, whether they occur in industry, on the farm, at home or on the highway, are caused by the failure of some individuals to follow simple and fundamental safety rules or precautions. For this reason **MOST ACCIDENTS CAN BE PREVENTED** by recognising the real cause and doing something about it before the accident occurs.

Regardless of the care used in the design and construction of any type of equipment there are conditions that cannot be completely safeguarded against without interfering with reasonable accessibility and efficient operation.

Carefully read indications, cautions and safety warning quoted in the "SAFETY RULES" section.

A careful operator is the best insurance against an accident.

The complete observance of one simple rule would prevent many thousand serious injuries each year.

That rule is:

Never attempt to clean, oil or adjust a machine while it is in motion.

ATTENTION

On machines having hydraulically, mechanically and/or cable controlled equipment (such as shovels, loaders, dozers, scrapers etc.) be certain the equipment is lowered to the ground before servicing, adjusting and/or repairing.

If it is necessary to have the equipment partially or fully raised to gain access to certain items, be sure the equipment is suitably supported by means other than the hydraulic lift cylinders, cable and/or mechanical device used for controlling the equipment.

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