

Mini Excavators

CX16B and CX18B

SERVICE MANUAL

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:

CNH FRANCE S.A.
18, place des Nymphéas ZI Paris Nord II
93420 Villepinte France

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 COMPLETE WORKSHOP MANUAL

- The complete repair manual consists of two volumes:

CX16B and CX18B
Workshop Manual "Excavator"

- "Excavator" and "Engine" Workshop Manuals contain the technical information necessary for

machine/engine service and repair, service equipment, information on maintenance standards, remove and install procedures, disassembly and assembly procedures.

- The complete Workshop Manual for the excavator models ***CX16B and CX18B*** consists of the following volumes identified by print number as shown herebelow:

VOLUME	MACHINE TYPE	PRINT NO.
- Workshop Manual - "Excavator"	<i>CX16B</i> <i>CX18B</i>	9-88670

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 showels, 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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CX16B and CX18B

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INTRODUCTION

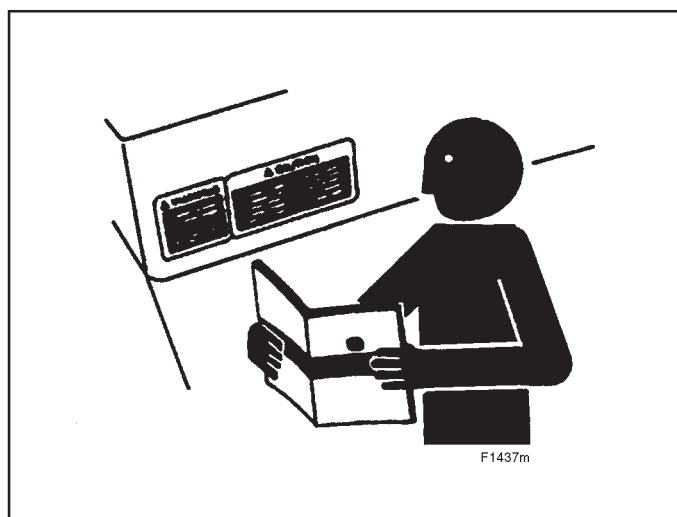
INTRODUCTION

This service manual has been prepared in order to increase repair quality, providing to the technicians the elements for a good knowledge of the product and showing the proper procedures to carry out the maintenance operations. We recommend to thoroughly read the content and follow it when necessary.

It is a concise guide. It covers construction features, operation principle, troubleshooting, disassembly and assembly of components and repair action.

Using this manual in systematic and rational way it is possible to reduce the repairing errors and delay that could cause machine stop with a detriment of cost management.

The information quoted in this service manual are supplied also to be used for training aids. Therefore it is advisable to be used in the training of new personnel that will be employed in the machine maintenance.



All the information, illustrations and specifications contained in this service manual are based on the latest product information available at the time of publication.

The dealer reserves the right to make changes at any time without notice to this service manual for technical or trading reasons.

MANUAL HANDLING

CHANGES AND SUPPLEMENTS

This service manual is carried out in loose-leaf and therefore can be easily kept up-to-date.

The personnel in charge is responsible for updating the manual and will insert the changes or supplements that the Dealer will issue to its service organisation.

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Our service email:

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