

SERVICE MANUAL

B90B / B95B / B95BLR / B95BTC / B110B / B115B
Backhoe Loaders

Print No. 84428670B



TO READER

This manual has been printed for a skilful engineer to supply necessary technical information to carry out service operations on this machine.

Read carefully this manual to collect correct information relevant to repair procedures.

For any question or remark, or in case of any error relevant the contents of this manual, please contact:

CNH AMERICA LLC

245 E North Avenue
Carol Stream, IL 60188 U.S.A.

REFERENCES

Beyond this Service Manual, also refer to the documents listed below:

- Operator's Manual
- Service Parts Catalogue

SERVICE MANUAL

The Service Manual consists of two volumes:

- B90B - B95B - B95BLR - B95BTC - B110B - B115B
Service Manual for "Loader backhoe"
- B90B - B95B - B95BLR - B95BTC - B110B - B115B
Service Manual for "Engine"

The Service Manuals for "Loader backhoe" and "Engine" contain the necessary technical information to carry out service and repair on machine and on engine, necessary tools to carry out those operations and information on service standard, on procedures for connection, disconnection, disassembly and assembly of parts.

The Service Manual which covers the loader backhoe models B90B - B95B - B95BLR - B95BTC - B110B - B115B consists of the following volumes, which can be identified by their print number as stated below:

VOLUME	MACHINE TYPE	PRINT NUMBER
Service Manual for "Loader backhoe"	B90B - B95B - B95BLR - B95BTC - B110B - B115B	84428670A1
Service Manual - "Engine"	B90B - B95B - B95BLR - B95BTC - B110B - B115B	87659057A

PREVENT ACCIDENTS

The majority of accidents and injuries which occur in the workshop, at the worksite or on the road, are caused by the failure of some individual to follow simple and fundamental safety rules or precautions. For this reason most accidents can be prevented by recognizing the real cause and taking the necessary precautions, before the accident occurs.

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

A careful operator and / or technician is the best insurance against accidents.
The careful observance of this single safety rule would be sufficient to prevent serious injuries:

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

WARNING

Before carrying out any maintenance operation, adjustment and or repair on machines equipped with attachments, controlled hydraulically or mechanically, make sure that the attachment is lowered and safely set on the ground. 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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LOADER BACKHOE MODELS

The complete range of Loader Backhoe models described in this manual are identified below:

	B90B	B95B B95BLR	B95BTC	B110B	B115B
Powershift	/	/	/	●	●
Powershuttle	●	●	●	●	/
Cab	●	●	●	●	●
Rops	●	●	●	/	/
2WD	●	●	/	/	/
4WD	●	●	●	●	●
4WS	/	/	/	/	●
“Pilot” backhoe attachment controls	●	●	●	●	●
Backhoe attachment mechanical controls	●	●	●	●	●
Engine Iveco 72 kW - 97 HP model F4GE9424C*601 (mechanical)	●	/	/	/	/
Engine Iveco 72 kW - 97 HP model F4HE0484G*J102 (electronic)	/	●	●	/	/
Engine Iveco 82 kW - 110 HP model F4HE9484C*J102 (electronic)	/	/	/	●	/
Engine Iveco 82 kW - 110 HP (4WS) model F4HE9484C*J103 (electronic)	/	/	/	/	●
Short dipper backhoe	●	●	●	/	/
Long dipper backhoe	/	●	●	●	●

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