

**SERVICE
MANUAL**

**B90B
B90BLR
B100B
B100BLR
B100BTC
B110B
B110BTC
B115B**

Backhoe Loaders

Print No. 84428663A1

SERVICE MANUAL

**B90B / B90BLR / B100B / B100BLR / B100BTC
B110B / B110BTC / B115B**

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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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Technical Information
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LOADER BACKHOE MODELS

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

	B90B B90BLR	B100B B100BLR B100BTC	B110B B110BTC	B115B
Powershift	/	/	●	●
Powershuttle	●	●	●	/
Stabilizer sideshift	●	●	●	●
Stabilizer center pivot	/	/	●	●
Cab	●	●	●	●
Rops	●	/	/	/
2WD	●	/	/	/
4WD	●	●	●	●
4WS	/	/	/	●
“Pilot” backhoe attachment controls	●	●	●	●
Backhoe attachment mechanical controls	●	●	●	●
Engine Iveco 72 kW - 97 HP model F4GE9484C*601 (mechanical)	●	/	/	/
Engine Iveco 72 kW - 97 HP model F4HE0484G*J102 (electronic)	/	●	/	/
Engine 82 kW - 110 HP model F4HE9484C*J102 (electronic)	/	/	l	/
Engine 82 kW - 110 HP (4WS) model F4HE9484C*J103 (electronic)	/	/	/	●
Short backhoe dipper	●	●	/	/
Long backhoe dipper	/	●	●	●

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B90B - B90BLR

B100B - B100BLR - B100BTC

B110B - B110BTC

B115B



SECTION 00 - SAFETY RULES

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