

**580ST
590ST
695ST
Backhoe Loaders**

Service Manual

Print No. 84568047A



TO THE READER

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

Carefully read 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 ITALIA S.p.A.
Technical Information
Via Plava, 80
10135 Torino - Italy

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:

- 580ST - 590ST - 695ST
Service Manual for "Backhoe loader"
- 580ST - 590ST - 695ST
Service Manual for "Engine"

The Service Manuals for "Backhoe loader" 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 backhoe loader models 580ST - 590ST - 695ST consists of the following volumes, which can be identified through their print number as stated below:

VOLUME	MACHINE TYPE	PRINT NUMBER
Service Manual - "Backhoe loader"	580ST - 590ST - 695ST	84568047A
Service Manual - "Engine"	580ST - 590ST - 695ST	84496807

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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BACKHOE LOADER MODELS

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

	580ST	590ST	695ST
Powershift	/	/	●
Powershuttle	●	●	/
Sideshift stabilizers	/	/	●
Center pivot stabilizers	/	/	●
Cab	●	●	●
Rops	/	/	/
2WD	/	/	/
4WD	●	●	●
4WS	/	/	●
Pilot control	●	●	●
Mechanical control	●	●	●
Engine Iveco 72 kW - 97 HP model CASE 434T/E (electronic)	●	/	/
Engine Iveco 82 kW - 110 HP model CASE 434T/E (electronic)	/	●	●
Short backhoe dipper	/	/	/
Long backhoe dipper	●	●	●

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