

Service manual

580SR
580SR+
590SR
695SR
SERIES 3

Print No. 87643852B



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*SPICER OFF-HIGHWAY
AXLE DIVISION*

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 ITALIA S.p.A.
Technical Information
Viale delle Nazioni, 55
41100 MODENA - Italy

REFERENCE

Beyond this Service Manual, also refer to documents hereunder listed:

- Operator's Manual
- Parts Catalogue

COMPLETE HANDBOOK FOR INSTRUCTIONS AND REPAIRS

The complete Service Manual consists of two volumes:

- 580SR / 580SR+ / 590SR / 695SR
Service Manual for "Loader backhoe"
- 580SR / 580SR+ / 590SR / 695SR
Service Manual "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 complete Service Manual which covers the loader backhoe models 580SR / 580SR+ / 590SR / 695SR consists of the following volumes, which can be identified through their print number as stated below:

VOLUME	MACHINE TYPE	PRINT NUMBER
Service Manual - "Loader backhoe"	580SR / 580SR+ / 590SR / 695SR	87643852B
Service Manual - "Engine"	580SR / 580SR+ / 590SR / 695SR	87659057A

PREVENT ACCIDENTS

The majority of accidents and injuries which occur in industry, on the farm, at home 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 complete observance of one simple rule would prevent many thousands of serious injuries each year.

This rule is: 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:

	580SR	580SR+	590SR	695SR
Powershift	/	•	•	•
Powershuttle	•	•	•	/
Stabilizer sideshift	•	•	•	•
Stabilizer center pivot	/	/	/	•
Cab	•	•	•	•
Rops	•	/	/	/
2WD	•	/	/	/
4WD	•	•	•	•
4WS	/	/	/	•
Pilot control	•	•	•	•
Mechanical control	•	•	•	•
Engine 72 kW-97 HP model F4GE948C*601 (mechanical)	•	/	/	/
Engine 72 kW-97 HP model F4HE0484C*J102 (electronic)	/	•	/	/
Engine 82 kW-110 HP model F4HE9484C*J102 (electronic)	/	/	•	/
Engine 82 kW-110 HP model F4HE9484C*J103 - 4WS (electronic)	/	/	/	•
Short dipper	/	/	/	/
Long dipper	•	•	•	•

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