



NEW HOLLAND

COMPACT WHEEL LOADER

W50BTC
W60BTC
W70BTC
W80BTC
TIER 3

SERVICE MANUAL

87734623A NA

Issued 01May 08



NEW HOLLAND

CONSTRUCTION

www.newhollandconstruction.com



SERVICE MANUAL

COMPACT WHEEL LOADER

W50BTC

W60BTC

W70BTC

W80BTC

TIER 3

CNH America LLC reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

All data given in this publication is subject to production variations. Dimensions and weights are only approximate. Illustrations do not necessarily show products in standard condition. For exact information about any particular product, please consult your Dealer.

| This unit first became available 05-2008 | | | |
|--|------------|---|--------------|
| REVISION HISTORY | | | |
| Issue | Issue Date | Applicable Machines | Remarks |
| First Edition | 01May 08 | W50BTC, W60BTC, W70BTC & W80BTC Tier 3 Compact Wheel Loader | 87734623A NA |

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.

CNH ITALIA S.p.A.
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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:

REFERENCES

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

- Operator's Manual
- Parts Catalogue

COMPLETE REPAIR MANUAL

The complete Repair Manual consists of two volumes:

- W50BTC - W60BTC - W70BTC - W80BTC
Repair Manual for "Wheel loaders"
- W50BTC - W60BTC - W70BTC - W80BTC
Repair Manual for "Engine"

The Repair Manuals for "Wheel loaders" 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 Repair Manual which covers the loader models W50BTC - W60BTC - W70BTC - W80BTC consists of the following volumes, which can be identified through their print number as stated below:

| VOLUME | MACHINE TYPE | PRINT NUMBER |
|---------------------------------|-----------------------------------|--------------|
| Repair Manual - "Wheel loaders" | W50BTC - W60BTC - W70BTC - W80BTC | 87734623A |
| Repair Manual - "Engine" | W50BTC - W60BTC - W70BTC - W80BTC | 87736548A |

TO 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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