NEW HOLLAND

COMPACT WHEEL LOADER

W50TC
W80TC

OPERATOR'S MANUAL

60366311 NA

Issued 12-2005

NEW HOLLAND

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Table of contents

PART 1 – INTRODUCTION 21

Preface 22

After-sales service 22

Warranty 22

Fundamental safety instructions 23
Warnings and symbols 23
Designated use 23

Organizational measures 24
Selection and qualification of personnel 25
Operating safety instructions 26
Standard operation 26
Maintenance safety instructions 27
Warning of special dangers 28
Electric energy 28
Gas, dust, steam and smoke 28
Hydraulic and pneumatic equipment 28
Noise 28
Oil, grease and other chemical substances 28
Transporting and towing - recommissioning 29

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PART 2 – OPERATION 31

Operation, safety instructions 32

DESCRIPTION OF THE MACHINE 34

Basic unit 34
Chassis 34
The articulated chassis frame consists of two parts. Front andrear frame are linked by a pin-and-bearing connection enabling the frame to swivel about a vertical axis. 34
Drive unit 34
The drive unit consists of an internal combustion engine and a hydrostatic transmission with travel pump and travel motor. 34
Axles 34
Front and rear axle are planetary gear-driven axles. The frontaxle is equipped with a limited-slip differential and the rearaxle with a conventional differential. The rear axle can also beequipped with a limited-slip differential (optional equipment). The front axle is a rigid axle fixed to the front chassis section and the rear axle is a fully floating axle 34
Brakes 35
Hydraulic system 35
Electrical system 35
Working equipment 35

Noise emissions 36
Outside the machine 36
Inside the cab 36

Vibration level 36
Vertical vibration at the operator's seat 36
Vibrations in the hands and arms 36
CE Mark 36

Warning and instruction signs / North America 38

Machine number 40

Engine number 40

Axle number 40

Travel pump number 41

Travel motor number 41

Attachments 41

DRIVER'S CAB 42

Entering and leaving the machine - Safety instructions 42
Driver's cab door 43
Opening the door 43
Closing the door 43
Side window 44
Emergency exit 44

Cab window (option) 45

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Opening the window ... 45
Closing the window ... 45
Documentation ... 46
Sun visor ... 46
Cab interior lighting ... 46

Adjusting the operator's seat ... 47
Adjusting the weight-oriented suspension ... 47
Weight adjustment ... 47
Height adjustment ... 47
Fore-and-aft adjustment ... 48
Backrest adjustment ... 48

Indicator and warning lamps ... 50

Switches and pushbuttons ... 54

PUTTING THE MACHINE INTO OPERATION ... 58

Refuelling ... 58
Refuelling, safety instructions ... 58
Fuel ... 58
Filling in fuel ... 58

Switching the electrical system on and off ... 59
Battery main switch (option) ... 59

Starting and stopping the engine ... 60
Starting the engine ... 60
Engine does not start ... 61
Stopping the engine ... 61

Ventilation and heating ... 62
Ventilation ... 62
Ventilation / fresh air ... 62
Heating ... 63
Adjusting the heating performance ... 63
Blower ... 63

Air conditioner (option) ... 64
Activation / deactivation ... 64
Adjusting the conditioner air temperature ... 64

Signal horn, turn signal, main beam and screen wiper / washer ... 65

Lighting ... 67

Rear screen wiper / washer ... 68

Socket outlet ... 69

Driving ... 69
Driving, safety instructions ... 69

Adjustment of steering column ... 70
Steering column - Safety instructions ... 70
Adjusting the steering column ... 70
Retaining belt ... 71

Control lever - Travelling / Working ... 72

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Adjusting the operator's seat

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The operator's seat can be adjusted in height and in fore-and-aft position. The seat suspension can be adjusted to suit the operator's weight.

WARNING

Never adjust the seat while driving. Concentrate on the road to avoid accidents.

Before adjusting the seat:

- **stop the machine**
- **set travel direction lever to "0"**
- **apply parking brake.**

The locking levers for fore-and-aft adjustment and for backrest adjustment must engage in the required position.

Once locked, the operator's seat and the backrest must not be movable into another position..

Adjusting the weight-oriented suspension

WARNING

To avoid injury to the back, the suspension should be adjusted to suit the operator's specific weight at each change of operator.

Weight adjustment

The respective operator's weight should be set by turning the weight adjustment lever (1, Fig. 1) while the operator's seat is unloaded. The set weight can be read off at the window (2, Fig. 1).

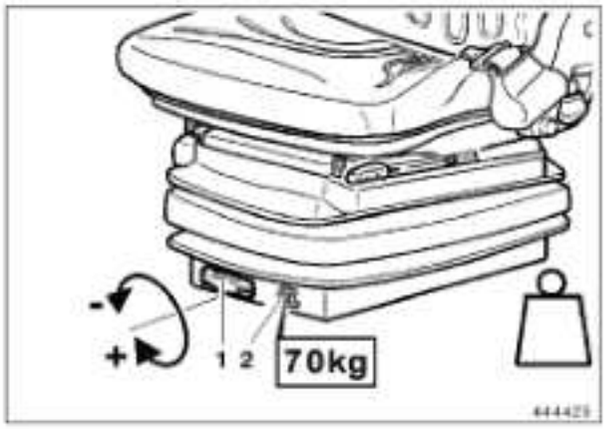


Fig. 1

Height adjustment

The height can be adjusted in several stages.

Raise operator's seat as far as required until engagement is audible. If the seat is raised beyond the last stage, it drops back to the lowest position

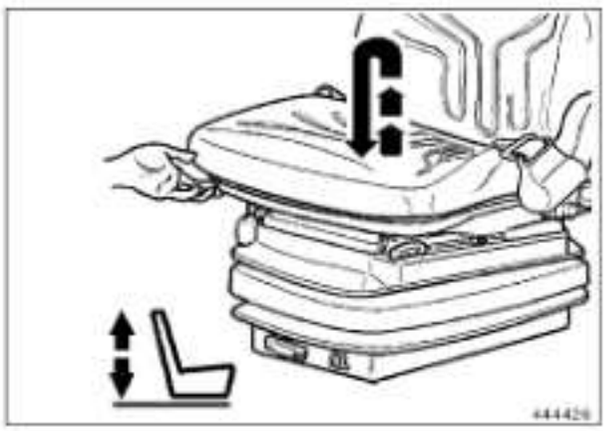


Fig. 2

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Loading bucket equipment control lever

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The control lever (40b, Fig. 1) is used for initiating the working movements.

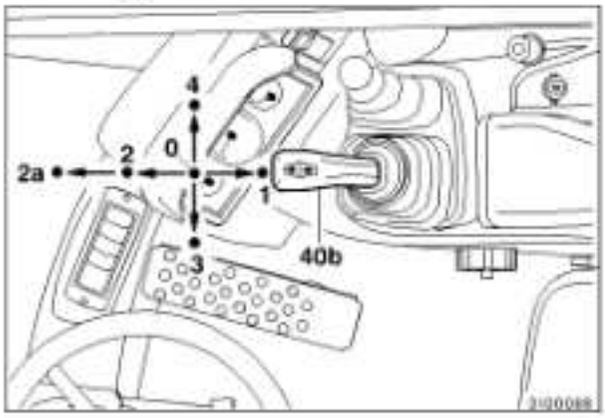


Fig. 1

Control layout (Fig. 1):

0	holding position
1	lifting
2	lowering
2a	floating position (lock position)
3	back-tipping
4	dumping

Floating position of loading bucket

WARNING

Never activate the floating function when the working equipment is in lifted position as the equipment would otherwise sink too fast.

In machines with pipe break protection, the floating position is not operational. The control lever cannot be moved into position 2a.

Floating position 2a permits levelling a subgrade while the machine is reversing.

For levelling, stand the bucket on the ground. Then, set control lever (25) to position 2a and engage. The bucket now rests freely on the ground, loaded only by its own weight. After setting back the control lever to position 2, the floating position function is cancelled.

Pull the control lever by hand back from position 2a into position 2. From all other positions, the lever goes back to neutral automatically .

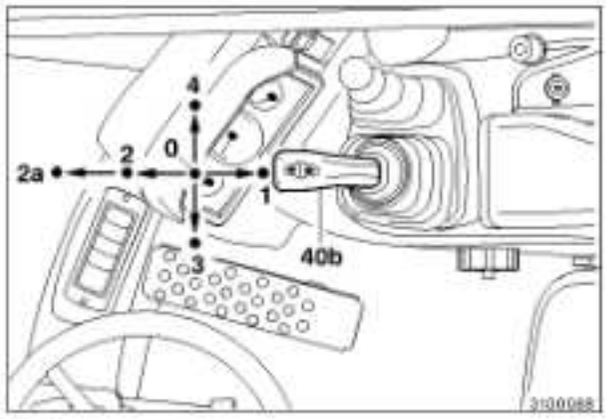


Fig. 2

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Return-flow filter

The hydraulic system is equipped with a return-flow filter (3, Fig. 2).

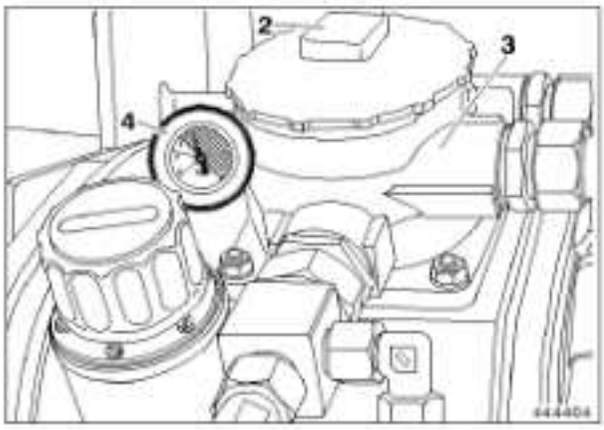


Fig. 2

A built-in bypass valve protects the return-flow filter against overpressure.

When the bypass is open, the filter is no longer in the circuit. The filter cartridge should therfore be replaced in time.

To check the return-flow pressure with pressure gauge (4), the engine must be run at full speed by setting the travel direction selector to "0", by applying the parking brake and by bringing the engine with the accelerator to maximum speed. A second person can now read the pressure gauge.

Should the return pressure lie in the red range of the pressure gauge, the filter cartridge must be replaced even if the schedule change interval has not yet elapsed.

WARNING

Do not stick your hands into moving machine parts. Risk of injury

Read and observe "Inspection and servicing, safety instructions".

Secure the machine against unauthorized starting.

Replacing the filter

Unscrew cover (2, Fig. 2) without losing gasket (11, Fig. 4) and spring (10). Withdraw filter pot (12, Fig. 3) with filter cartridge (16). Remove filter cartridge (16) by turning and pulling at the same time from filter pot (12) and discard without polluting the environment.

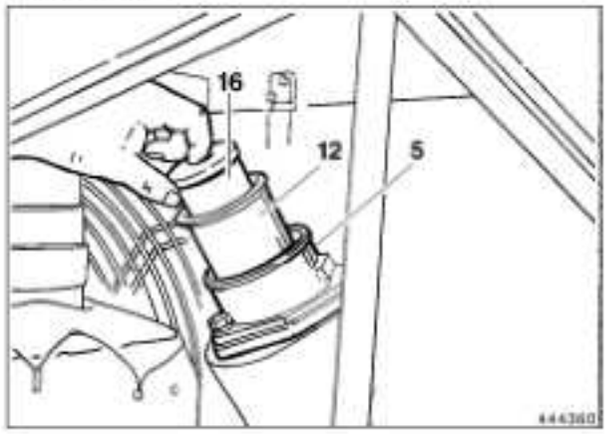


Fig. 3

Pour the oil remaining in filter pot (12) into a recipient for used oils. Clean filter pot (12) with white spirit or diesel fuel. Check gasket (5) and replace, if damaged.

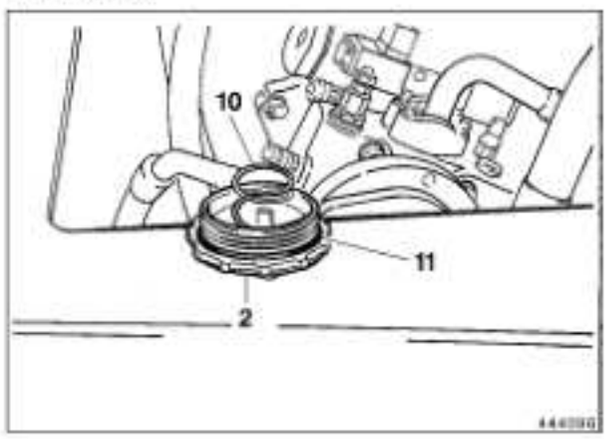


Fig. 4

Re-assemble the filter in reverse order.

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