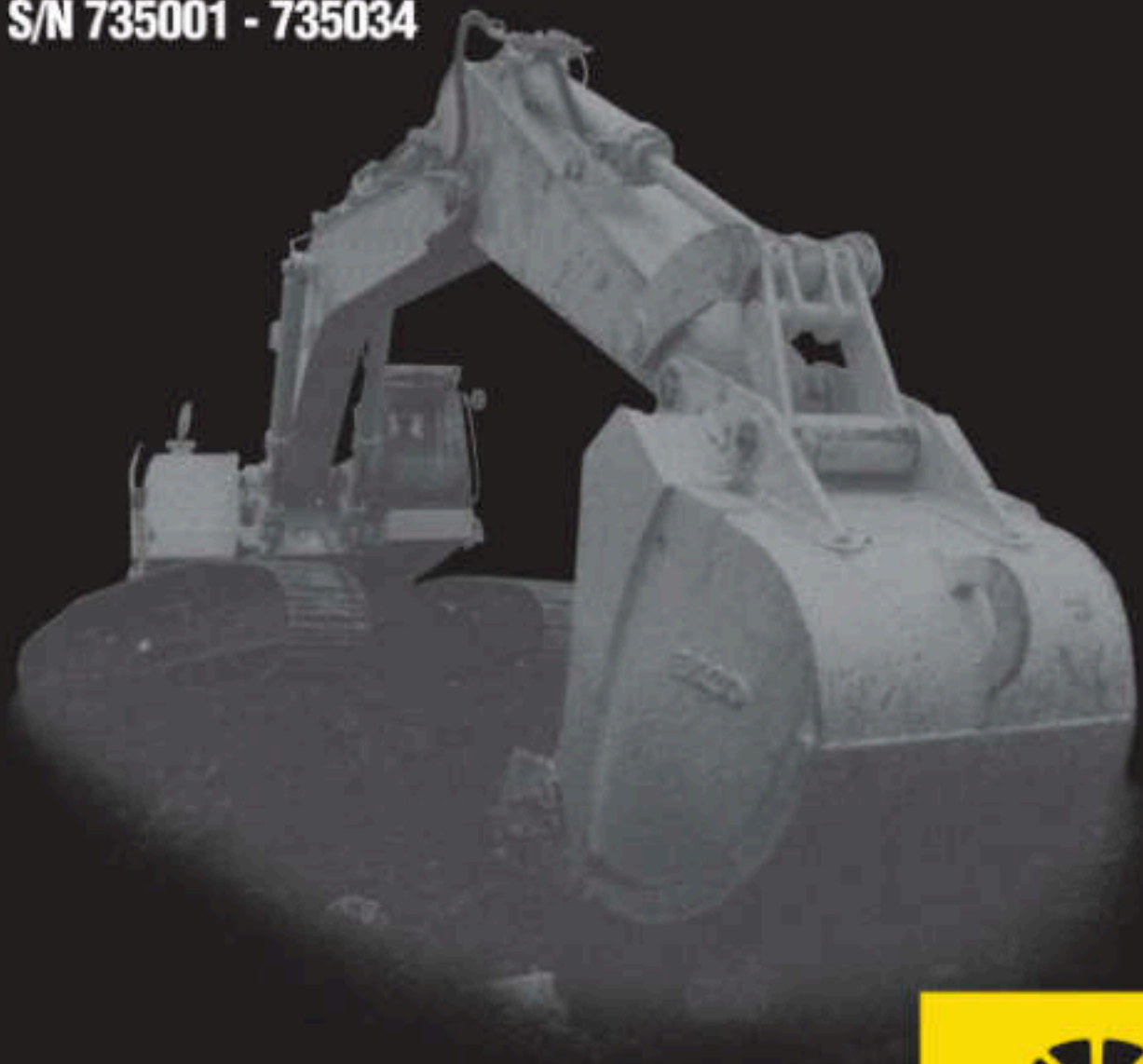
OPERATOR'S MANUAL

Excavator Crawlers EC350
S/N 735001 - 735034



NEW HOLLAND
CONSTRUCTION

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PART 1 - INTRODUCTION

PREFACE 3

Warnings and symbols 4

DESIGNATED USE 4

Organizational measures 5

Selection and qualification of personnel - basic responsibilities 6

Safety instructions governing specific operational phases

Standard operation 6

Special work in conjunction with utilization of the machine - maintenance and repairs during operation - disposal of parts and consumables 7

Warning of special dangers

Electric energy 8

Gas, dust, steam and smoke 8

Hydraulic and pneumatic equipment 9

Noise 9

Oil, grease and other chemical substances 9

Transporting and towing - recommissioning 9

California, Proposition 65 Warning 9

SAFETY PRECAUTIONS FOR OPERATION 10

General 10

Before Operation 12

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PART 2 - OPERATION

Operation - safety instructions 21

DESCRIPTION OF THE MACHINE

Machine layout 25
Superstructure 25
Undercarriage 25
Working equipment with backhoe 25
Undercarriage 25
Superstructure 25
Hydraulic system 25
Steering 25
Crawler unit brake 25
Electrical system 25
Working equipment 25

SIGNS

Warning and instruction signs 27
Machine number 27
Engine number 27
Component numbers 27

DRIVERS'S CAB

Climbing Up and Down 28
Opening / Closing the Driver's Cab Door 29
Adjustment of driver's seat 30
Adjustment of seat suspension. 30
Fore and aft adjustment of seat 30
Adjustment of seat position 30
Adjustment of backrest inclination 30
Adjustment of armrests 30

Adjusting the control console position

Adjusting the Mirrors 32
Opening and Closing the Windscreen 32
Front window - Removing the lower part 33
Opening / closing side window 33
Emergency exit 33
Using the Sunshade 34
Rolling out the Sunshade 34
Rolling up the Sunshade 34
Cab interior lamp - switching on and off 35
Socket outlet in cab 35

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MONITORING-, WARNING- AND CONTROL ELEMENTS

Description of control panel 36
Control panel operating instructions 37

Control panel 38

Supplementary control panel 46

Control elements (SAE-control) 48

STARTING UP THE MACHINE 52

Refuelling

Refuelling, safety instructions 52
Refuelling 52

Switching the electrical system on and off 53

Immobilizer, entering the code 54

Starting and stopping the engine

Starting the engine 55
Starting the engine with cold-starting aid 56
Engine does not start 57
Shutting off the engine 57

Ventilation and heating

Ventilation 58
Heating 58
Adjusting the heating performance 58
Defrosting the front and rear screens 59
Switching the windscreen wiper / washer on and off 59
To activate intermittent wiping 59
To activate permanent wiping 59
To de-activate the wiper 59
To activate the wipe / wash function 59

DRIVING 60

Driving - Safety instructions 60

Fastening the retaining belt 61

Bringing the machine to basic position 62

Selecting direction of travel 62

Braking and stopping

Braking travelling movement 63

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Cab interior lamp - switching on and off

The interior lamp is switched on and off with the switch (Fig. 17).

Important:
The lamp can be switched on even if the key-switch for the electrical system is in OFF position and the key is withdrawn.

If the light is left on inadvertently for a longer period (e.g. a weekend), the batteries may be discharged.

So always check that the interior lamp is switched off before leaving the machine.

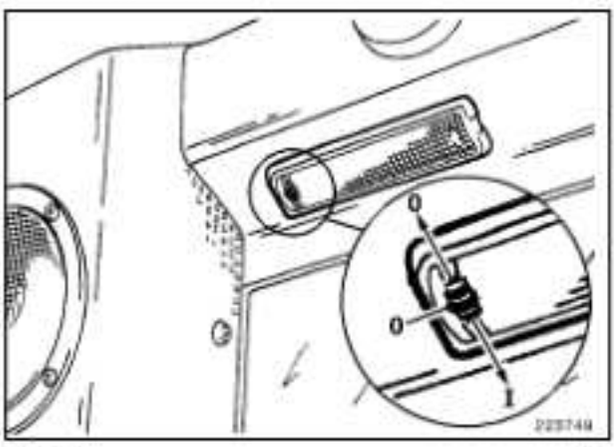


Fig. 17 □

Socket outlet in cab

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A socket outlet is installed in the panelling on the left behind the operator's seat (Fig. 18).
This provides the output voltage of the voltage transformer (12V) for connection of the cool-box (option). Other electrical consumers can also be connected as long as the maximum output of the voltage transformer is not exceeded.

Important:
The voltage transformer installed at the factory is designed so as to supply not only a cassette radio but also the cool-box (option); the maximum output is 90 W.
In the event of overloading, the temperature of the transformer increases and causes the built-in overload protection to switch off leaving the connected appliance without current. In this case, pull the plug out of the socket (Fig. 18). After 5 - 10 minutes, the overload protection has cooled down and switches the transformer back into the circuit. If the overload condition persists, the thermal overload shut-off does not work anymore and the fuse in the electrical supply cable blows. To replace it, the panelling below the radio must be removed.

The socket is still live when the key-switch for the electrical system is in OFF position and the key is withdrawn.
If a connected consumer is left on inadvertently for a longer period (e.g. a weekend), the batteries may be discharged.
So always check that the connected consumer is switched off before leaving the machine.

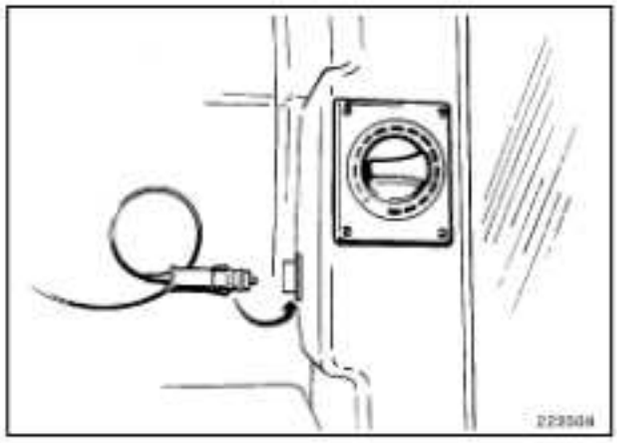


Fig. 18 □

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Swing ring - filling grease

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DANGER

Danger of injury

Only swing superstructure when no-one is in the swinging area.

The gearing of the swing ring is filled with grease via the lubricating nipple (Fig. 3).

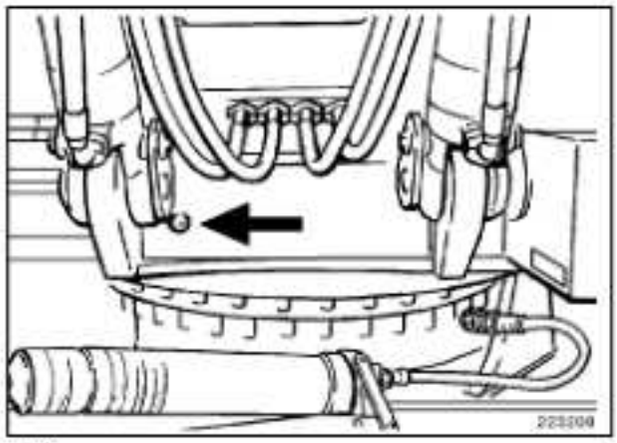


Fig. 3

- Press the adapter of the grease gun on the lubricating nipple (Fig. 3).
  - To regrease gearing, apply approx. a quarter of a grease cartridge.
    Swing superstructure by 90°. Now apply another quarter of the cartridge. Continue as described until the cartridge is empty.
  - If the gearing requires a new grease filling, please see the "Filling quantities - grease" table for required grease quantity.
- Now swing the superstructure round slowly, a number of times. This ensures even distribution of the grease. □

Swing ring - lubricating bearing

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DANGER

Danger of injury

Only swing superstructure when no-one is in the swinging area.

Lubricating nipples are fitted at the circumference of the swing ring (Fig. 4)

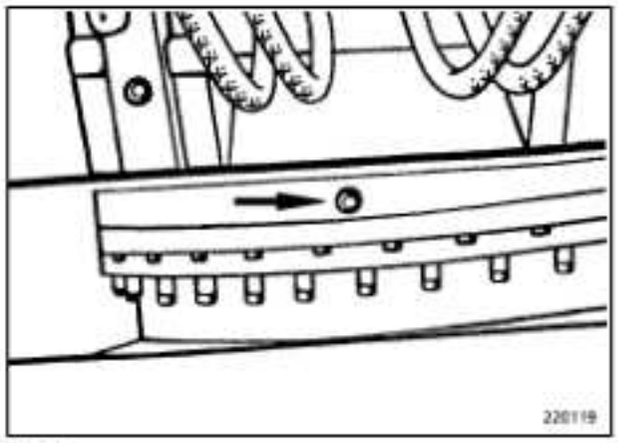


Fig. 4

Lubricate the bearing via the lubricating nipples:

- Press filler element of grease gun on each lubricating nipple (Fig. 4) in turn.
- Inject grease a number of times in each lubricating nipple.
- Swing superstructure round slowly, a number of times. The grease is distributed evenly. □

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ABBREVIATIONS

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A	Ampere (SI base unit of electric current)
A	Four-wheel drive
A2	2-point bracing (claws)
A4	4-point bracing (claws)
abt.	about
acc.	according to
Ad. 1	with reference to 1
Ah	Ampere hours (SI base unit of quantity of electricity)
API	American Petroleum Institute
approx.	approximately
bar	unit of pressure measurement (1 bar = 14.5 psi)
Bh	= OH = Operating hour
CE	Communaute Européenne = European Community
CECE	Committee for European Construction Equipment (Defines a measure for bucket, grab, or scoop filling)
CEN	European Standardization Committee
cf.	refer to
cm	centimeter (= $^1/_{100}$ m)
cm^3/rev	Cubic centimeters per revolution
cw	clockwise
ccw	counterclockwise
dB(A)	Decibel (Sound intensity according to measuring method A)
dia.	Diameter
DIN	German Standardisation Organization
EDCV	Electronic drive control (grader only)
EDS	Electronic diagnostic system
eff.	effective
e.g.	for example
etc.	etcetera
fig.	Figure, serial number of illustration
FOPS	Falling objects protective structures
gal	gallon (1 gal = 3.78 litres)
GLR	Full-load controller (electronic module for PCS)
HD	Heavy duty
HDS	Heavy duty small
hp	Horsepower (1 hp = 0.7457 kW)
Hydr.	Hydraulic, Hydraulics

i	Transmission ratio
i.e.	id est = that is
IFN	ISO service rating, blocked
incl.	including, inclusive of
ISO	International Standardisation Organisation
kg	Kilogram (unit of weight)
kg/dm^3	Kilograms per cubic decimeter (= unit of specific density)
km/h	Kilometers per hour
kNm	KiloNewtons per meter (1 kNm = 1000 Nm) = unit of torque
kW	Kilowatt (1 kW = 1.36 hp)
l	Liter
lbft	pound foot (1 lbft = 1.356 Nm) (unit of torque)
Lb/in^2	Pounds per square inch (= psi)
LC	Long crawler
LDA	Charge pressure-dependent full-load limiter
LED	Light-emitting diode
l/min	Liters per minute
LpA	Sound pressure at workplace
LS	Limited slip
LwA	Sound power level of the machine in stationary operation
m	Meters
M_A	Tightening torque
mA	Milliampere (= $^1/_{1000}$ A)
max.	maximal, maximum
min.	minimal, minimum
min^{-1}	Revolutions per minute
mm	Millimeter (= 1/1000 m)
N	Normal, standard version
NHC	NEW HOLLAND CONSTRUCTION
N, kN	Newton, kiloNewton (unit of force)
NLGI	National Lubricating Grease Institute (USA)
NLGI-Klasse	Consistency - lubricant classification acc. to DIN 51 818
Nm	Newtonmeter (unit of torque)
No./Nos.	number/numbers
OH	Operating hour
OI	Operating Instructions
(op.inst.)	Operating Instructions

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