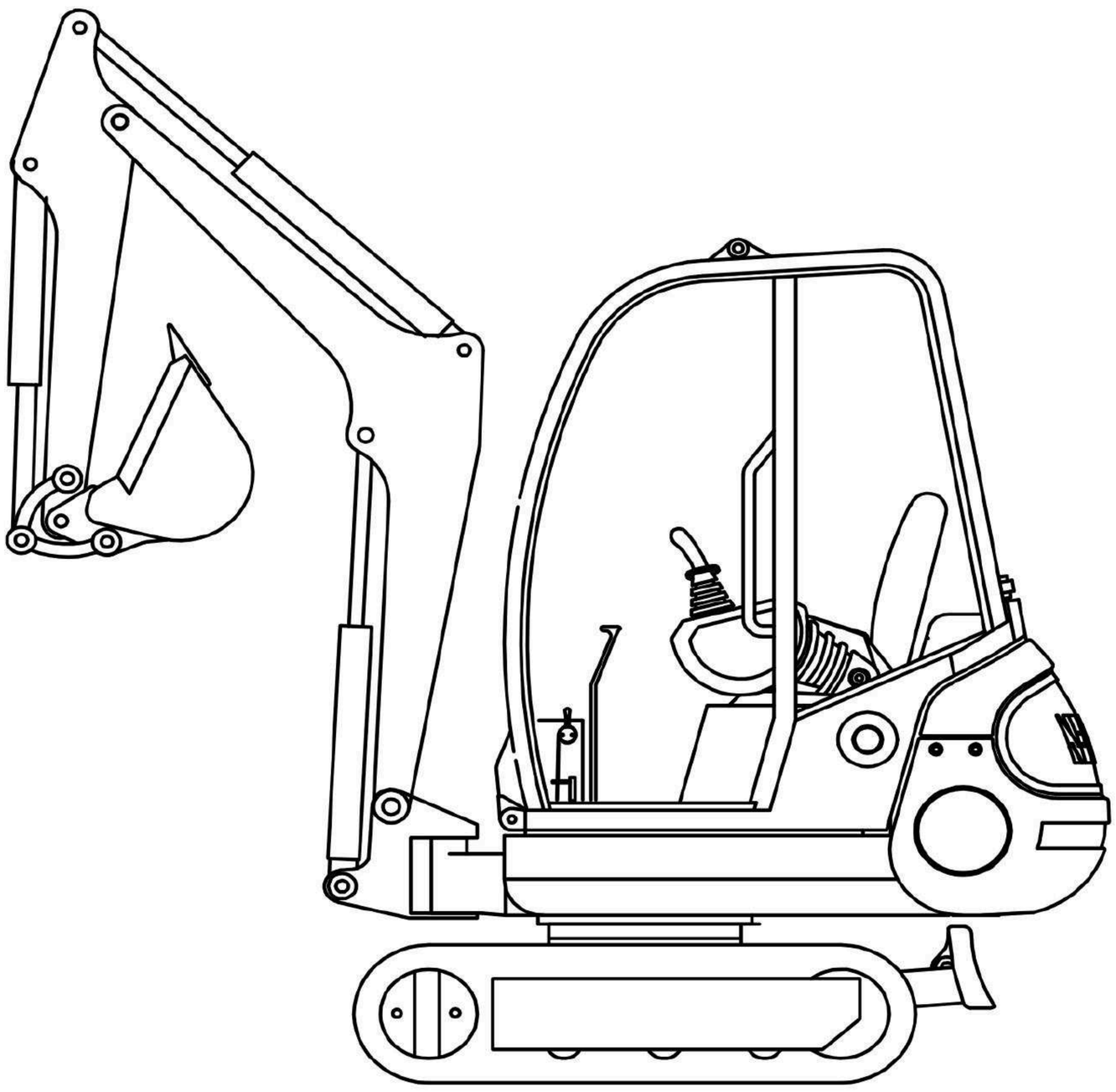
USER MANUAL

CRAWLER EXCAVATOR

NEUSON 1402 RD - 2202 RD FORCE
1402 Primus FORCE



neuson

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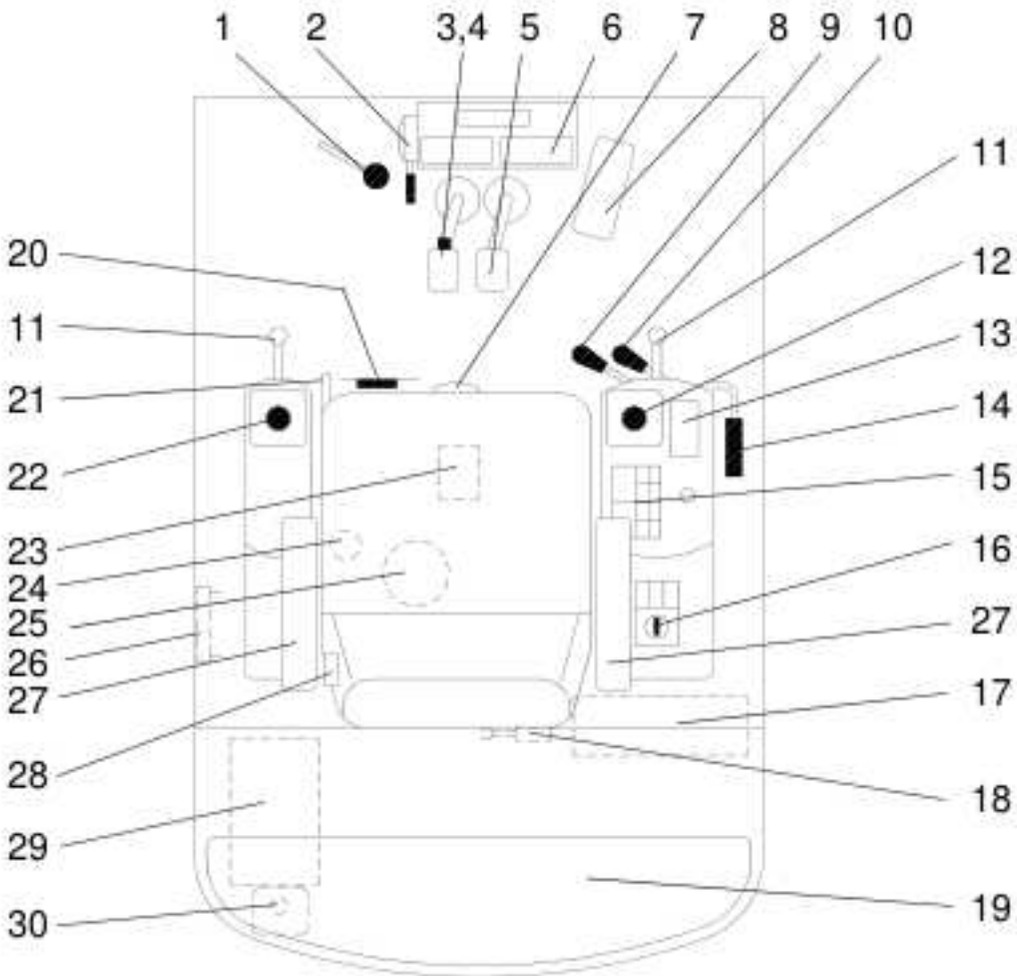
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4.1 Cab equipment and controls

1 Swivel lock lever
2 Accelerator
3 Left drive lever
4 Switch for changing speeds
5 Right drive lever
6 Heating vents
7 Seat back adjustment
8 Hammer pedal
9 Lever to tilt superstructure--only on Compact Excavator 2202 RD
10 Track adjustment lever for Compact Excavators 1502 RD, 1902 RD, 2202 RD
11 Lever to fold back steering control console
12 Right control lever for boom and bucket stick cylinder, horn
13 Fuse box
14 Dozer blade lever
15 Instrument Panel
16 Ignition
17 Main hydraulic valve
18 Auxiliary hydraulics valve
19 Engine cover
20 Hydraulic-oil level indicator
21 Seat adjustment
22 Left control lever for swinging/ swiveling and for bucket stick
23 Servo pressure valve
24 Opening for filling hydraulic oil
25 Return filter
26 Tank supports
27 Armrest
28 Seat spring tension adjustment
29 Battery
30 Windshield washer fluid container



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22 Maintenance every 500 operating hours

NOTE: In addition to normal weekly maintenance and maintenance every 50 and 250 operating hours, the following maintenance should be carried out every 500 operating hours, see maintenance schedule 17.2.

22.1 Engine

See engine operating instructions for maintenance instructions.

22.1.1 Change air filter

Open cap, unscrew filter, replace filter. Clean dust trap.

22.1.2 Check valves

See engine operating instructions for the correct valve settings.

22.1.3 Check coolant system and hoses

22.1.4 Check electrical connections

22.1.5 Check glow plug

22.1.6 Check thermostat

22.2 Hydraulics

ATTENTION: Always release residual pressure before working on the hydraulic system!

22.2.1 Check primary valves

Adjust settings if necessary.

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LIFT CAPACITY CHART

Max.. allowable load with extended dipper stick
A..... overhang from the center of the turntable
B..... Height of load fixing pint
*..... Lift capacity restricted by the hydraulics

All Chart figures are given in kg rated on level, secured ground without bucket.


... dozer blade support in drive direction
... dozer blade support 90° to drive direction

If a bucket or other attachment is mounted the lift capacity, tip load is reduced by their own weight.

Calculation: ISO 10567
The lift force of the compact excavator is restricted by the setting of the pressure valves and the tip over security. Neither the 75 percent of the static tip load or the 87 percent from the hydraulic lift capacity are exceeded.

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4.1.1 Drive lever safeguard

Drive lever safeguard 1402-2202 RD Force

In order to prevent unintentional movement of the excavator, especially during maintenance work, a safeguard has been installed in all machines with mechanically-operated drive valves.



Press the pedal to activate the drive lever.

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