User manual

Crawler excavator

12002 RD



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neuson

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3 Specifications

3.1 Technical Data Crawler Excavator 12002 RD

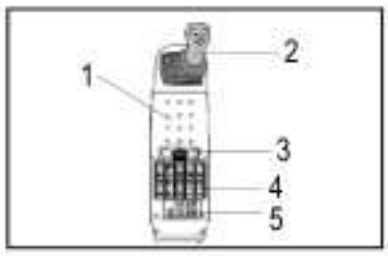
Principal Data

Driving and swiveling specifications

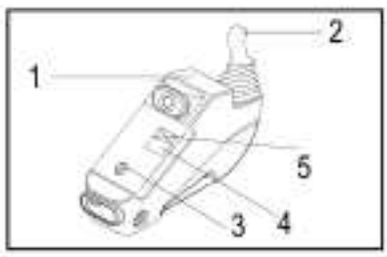
Driving and swiveling specifications 12002 RD	
2 speeds	3 & 6 km/h
Climbing ability	30degrees (58%)
Track width	500 mm
Number of track rollers per side	6 per side
Track tensioner	Grease cylinder with tension spring
Ground clearance	420 mm
Ground pressure (of excavator when level)	0,43 kg/cm²
Swiveling speed of revolving superstructure	11 revolutions per min

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6 Instrument Panel Functions

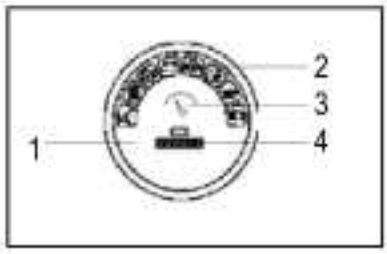


1 Dashboard right
2 Control lever right
3 Ignition lock
4 Instrument panel
5 Fuse box

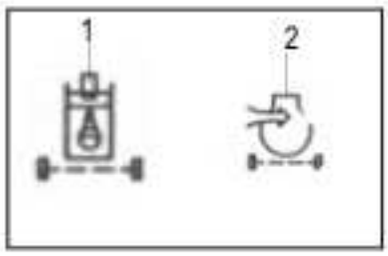


1 Dashboard left
2 Control lever left
3 Cold/hot adjustment
4 Pumping delivery reduction
5 Pumping output regulator

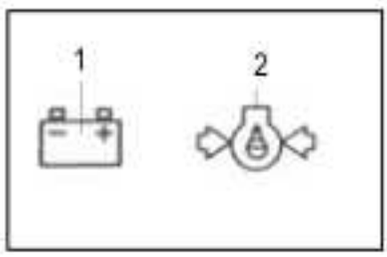
Round display element



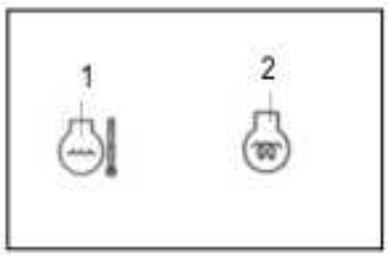
1 Round display element
2 Lamps
3 Fuel gauge
4 Operating hours meter



1 Clogging indicator for hydraulic filter (o)
2 Clogging indicator for air filter



1 charge control
2 Motor oil pressure



1 Water temperature indicator
2 Preheating pilot lamp

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Air filter



Always replace the element of the preliminary air filter, when the pilot lamp for air filter clogging lights up, or if it is torn or contaminated at the sides.

Unlock and take off the dust collector/dust cap **A** of the air filter.

Move end of filter **B** gently to and fro.



Pull filter **B** off the outlet pipe and out of the enclosure.

Thoroughly clean the inside of the filter housing and the outlet bore.

Remove safety filter **C** only for replacing it. Don't try to clean, wash or use it again. Usually, the safety filter needs to be replaced only if there is a hole in the main filter element.



To replace safety filter **C** gently pull out the filter element. Replace the safety filter by a new element immediately to prevent the penetration of dust into the air intake system.

Install the main filter element. Exert a little pressure with your hand at the outer edge of the filter.

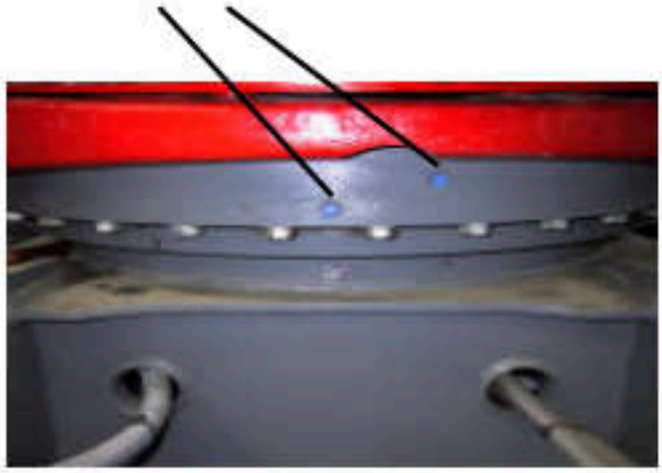
Don't use the locking mechanism at the cap to force the filter into the air filter housing. By applying force onto the filter the air filter housing will get damaged.

Close the housing in such a way that the dust collector valve points downward and the locking mechanism catches.

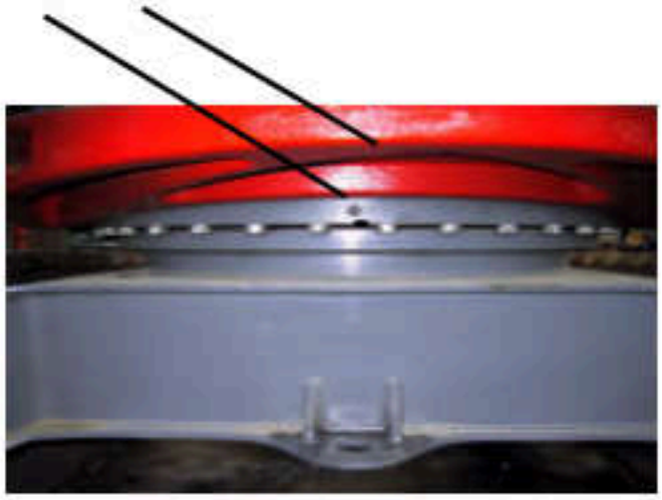
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Lubrication Points at Neuson Vario

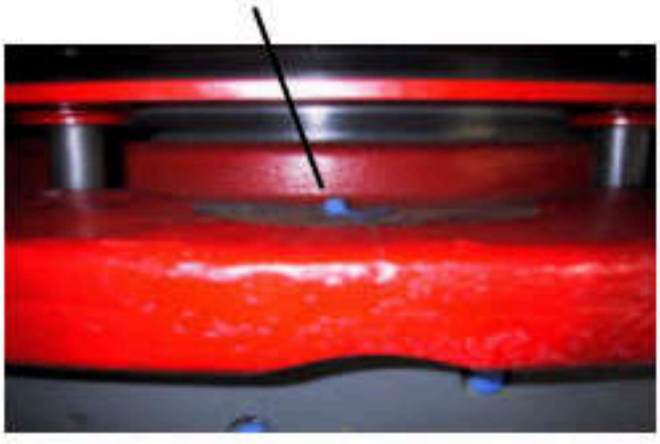
At the lower live ring there is a total of 4 lubrication points.



Opposite side



There is another lubrication nipple at the top side of the eccentric disk.

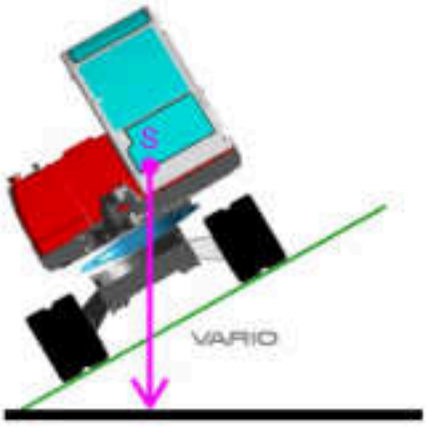


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WARNING: Make movements only with boom supported. Always make sure that lock is engaged!

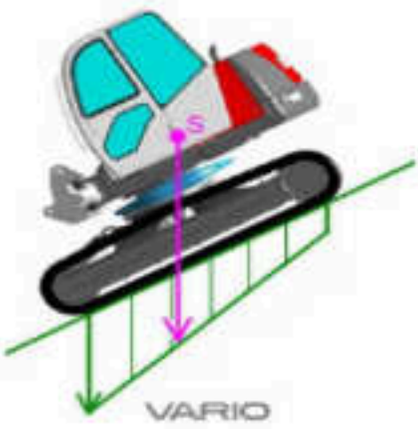
Driving the Neuson Vario Transverse to the Slope

To achieve a better stability when driving transverse to the slope the excavator should be shifted towards the slope.



WARNING: For reasons of safety only the eccentric position indicated above may be chosen for driving transverse to the slope.

To achieve a better climbing ability when driving uphill, the centre of gravity of the Neuson Vario shall be shifted towards the slope.



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