

Operating Instruction/Maintenance Instruction

Original Operating Instructions

DRP25D

Reversible plate



S/N 101 924 64 1001>
DL8 205 25 EN
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Concerning your safety – Definition of responsible persons

- have made himself familiar with the operation of the machine,
- be physically and psychologically able to drive and operate the machine.

Persons under the influence of alcohol, medication or drugs are not allowed to operate, service or repair the machine.

Maintenance and repair work requires specific knowledge and must therefore only be performed by trained specialists.

3.8 Refuelling

Do not inhale any fuel fumes.

Refuel only with the engine shut down.

Do not refuel in closed rooms.

No open fire, do not smoke.

Ultra-low sulphur diesel fuel poses a higher risk of combustion caused by the static charging than diesel fuel with a higher sulphur content.

Apply measures against electrostatic charging.

Do not spill any fuel. Collect leaking fuel, do not let it seep into the ground.

Wipe off spilled fuel. Keep dirt and water away from the fuel.

A leaking fuel tank can cause an explosion. Ensure tight fit of the cover; if necessary, replace immediately.

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6.2 Starting the engine

Exhaust fumes contain toxic substances and can damage your health, cause unconsciousness or even death.



WARNING!

Danger of poisoning by exhaust gases!

- Do not inhale exhaust gases.
- Avoid operation in closed or partly closed rooms, or ensure adequate ventilation when working in trenches.



WARNING!

Loss of hearing caused by too high noise burdens!

- Wear your personal protective equipment (ear protection).

- Protective equipment:
- Hearing protection
 - Working clothes
 - Safety shoes

1. Fold down the steering rod and adjust it ↪ *Chapter 6.1 'Folding down the steering rod and adjusting it' on page 50.*
2. Set the throttle lever to position "MIN".

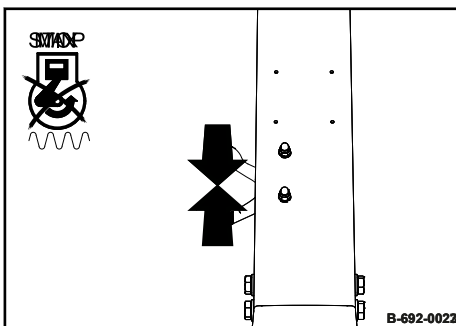


Fig. 28

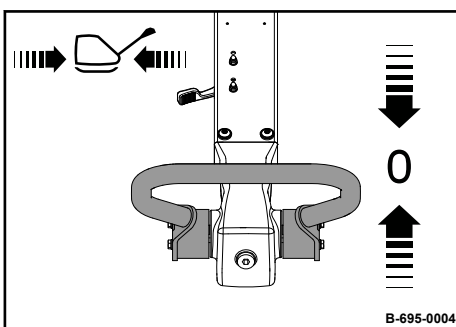


Fig. 29

3. Set the handle to position "0".

Loading / transporting the machine – Transport wheels

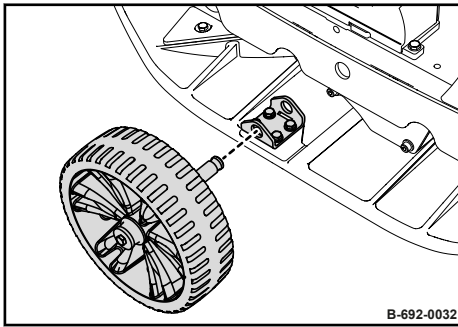


Fig. 47

5. Insert the transport wheel into the holding fixture.

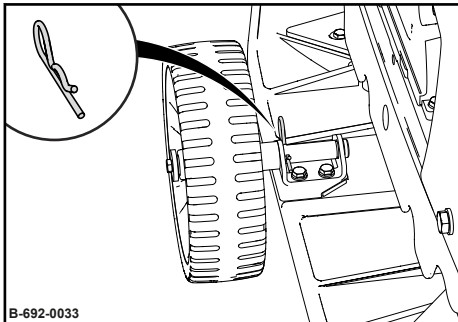


Fig. 48

6. Secure the transport wheel with the split pin.
7. Install the second transport wheel on the opposite side and secure it with the split pin.

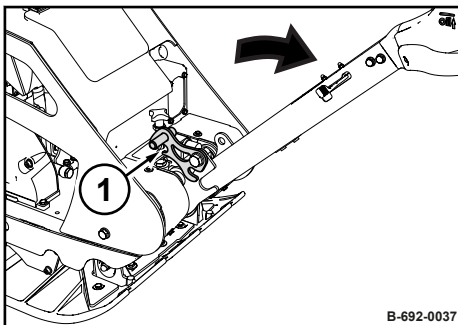


Fig. 49

8. Fold down the steering rod and engage the locking pawl lever (1) securely.
⇒ The machine can now be moved.

8.6 Maintenance Table

No.	Maintenance works	Page
Weekly		
8.7.1	<i>Checking, cleaning the air filter</i>	72
8.7.2	<i>Checking and cleaning the water separator</i>	74
Semi-annually		
8.8.1	<i>Battery service</i>	75
Annually		
8.9.1	<i>Changing the engine oil and cleaning the oil filter</i>	77
8.9.2	<i>Changing the oil in the exciter housing</i>	78
8.9.3	<i>Replacing the air filter</i>	79
8.9.4	<i>Replacing the fuel filter</i>	80
8.9.5	<i>Replacing the V-belt</i>	81
8.9.6	<i>Checking, adjusting the valve clearance</i>	83
8.9.7	<i>Replacing the starter rope</i>	85
8.9.8	<i>Checking the hydraulic oil level</i>	87
Every 2 years/every 500 operating hours		
8.10.1	<i>Changing the hydraulic oil</i>	90
As required		
8.11.1	<i>Cleaning the cooling fins and the cooling air intake openings</i>	93
8.11.2	<i>Cleaning the machine</i>	93
8.11.3	<i>Servicing the V-belt</i>	94
8.11.4	<i>Checking the oil level in the exciter housing</i>	95
8.11.5	<i>Measures prior to extended shut-down period</i>	95

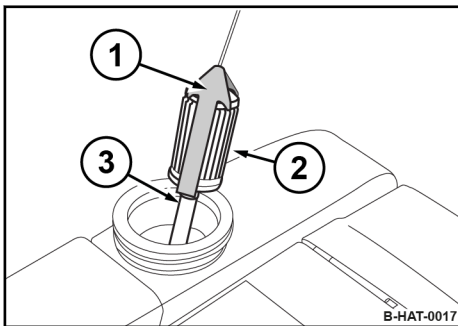


Fig. 72

4. Pull the fuel filter out of the tank by the string.
5. Pull the fuel hose (3) off the fuel filter (2).
6. Take the fuel filter out of the bracket (1) and replace it with a new one.
7. Plug on the fuel line.
8. Insert the fuel filter into the tank.
9. Close the fuel tank tightly.



The fuel system is self-bleeding.

10. Dispose of fuel and filter in an environmentally friendly way.

8.9.5 Replacing the V-belt

- Protective equipment:
- Working clothes
 - Safety shoes
 - Protective gloves

1. Park the machine safely Chapter 6.4 'Parking the machine in secured condition' on page 55.
2. Allow the engine to cool down.
3. Unscrew the V-belt guard (1).

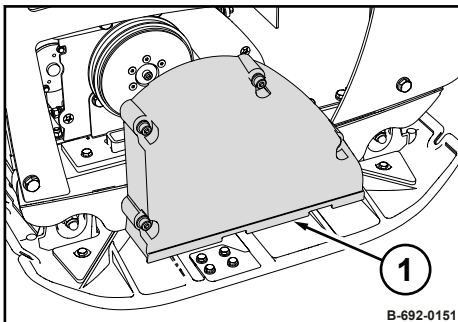


Fig. 73

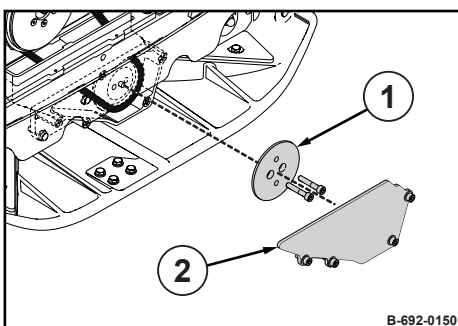


Fig. 74

4. Unscrew the guard (2).
5. Unscrew the V-belt pulley (1).
6. Replace the V-belt.
7. If necessary, reassemble the spacers that may have been removed.
8. Fasten the V-belt pulley, tightening torque: 35 Nm (26 ft·lbf).

Maintenance – Every 2 years/every 500 operating hours

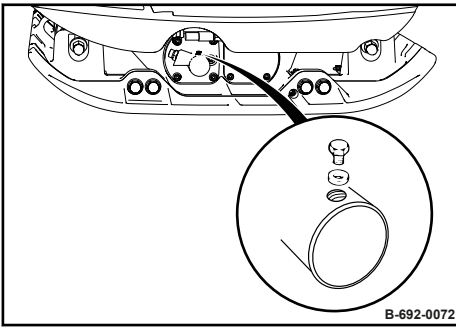


Fig. 101

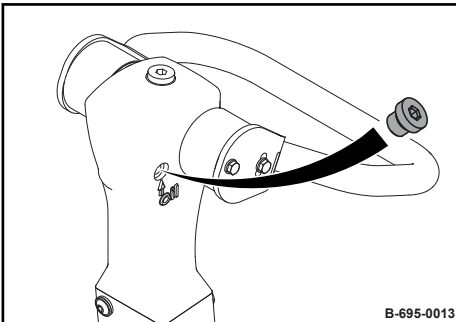


Fig. 102

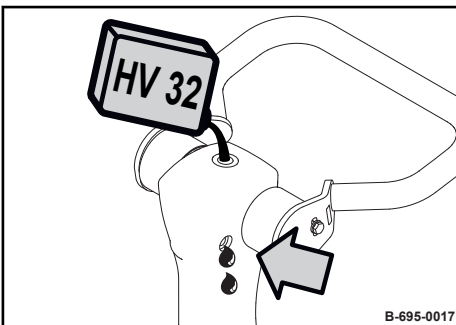


Fig. 103

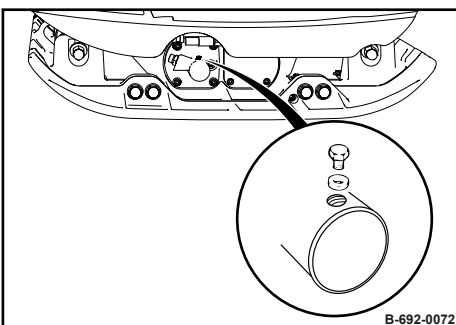


Fig. 104

5. Unscrew the bleeding screw and collect any oil running out.
6. Screw in the bleeding screw.

7. Clean the area around the oil level inspection plug and unscrew the plug.

8. Place a cloth underneath the filler bore to collect leaking oil.



NOTICE!

Components may get damaged!

- Use only oil of the permitted specification.

9. Fill in oil through the filler bore, until it starts to run out through the level inspection bore.

10. Slacken the bleeding screw.
11. Wait until all air has escaped and then tighten the bleeding screw.

9.2 Starting the engine with the recoil starter



Start the engine with the recoil starter only if the battery is defective, empty or missing.

Exhaust fumes contain toxic substances and can damage your health, cause unconsciousness or even death.



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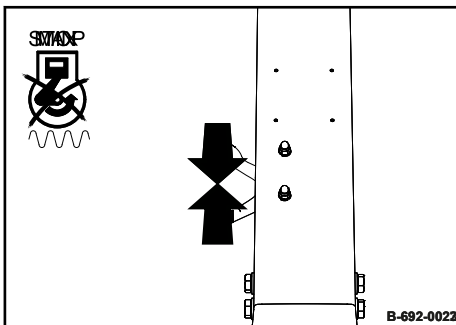


Fig. 113

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