

Operating Instruction

Original Operating Instructions

DRP25D

Reversible plate



S/N 101 924 59 1001>

DL8 203 56 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. Catch running out 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 fuel tank cover, if necessary replace immediately.

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6.3 Operation

Operate the machine only with the steering rod folded down.

Use only the steering rod to steer the machine.

Guide the machine so that your hands do not hit against solid objects.



CAUTION!

Danger of injury caused by uncontrolled machine movement!

- Always hold on to a running machine.
- Always keep an eye on a running machine.

Protective equipment: ■ Hearing protection
 ■ Safety shoes

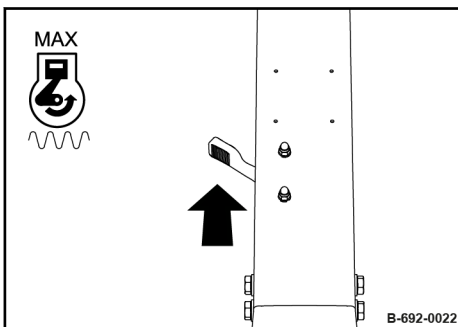


Fig. 31

1.



NOTICE!

The centrifugal clutch may be damaged!

- Operate the machine only with full throttle.

Set the throttle lever to "MAX" position.

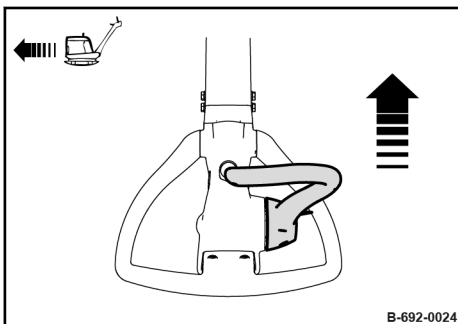


Fig. 32

2.

Shift the travel lever forward.

- ⇒ The machine vibrates forward with a speed which corresponds with the travel lever position.

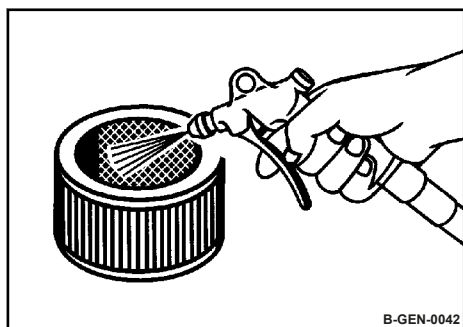


Fig. 53

7.



CAUTION!

Danger of eye injuries caused by particles flying around!

- Wear your personal protective equipment (safety gloves, protective working clothes, goggles).

Blow the air filter out with dry compressed air (max. 5 bar (73 psi)) from inside to outside by moving the gun up and down inside the element, until it is free of dust.

8. Examine the air filter with a torch for cracks and holes.
9. Replace the air filter if it is damaged.
10. Insert the air filter (1) carefully into the filter housing and fasten it with the knurled nut (2).

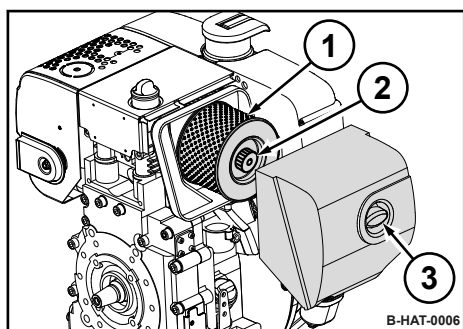


Fig. 54

11.



NOTICE!

Danger of engine damage!

- Ensure correct fit of air filter cover and seal.

Close the cap (3).

8.7.2 Checking and cleaning the water separator

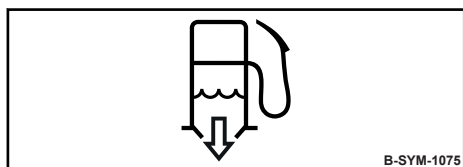


Fig. 55



The service intervals for the water separator depend on the water content in the fuel and can therefore not be determined precisely.

After taking the engine into operation you should check for signs of water and dirt initially every day.

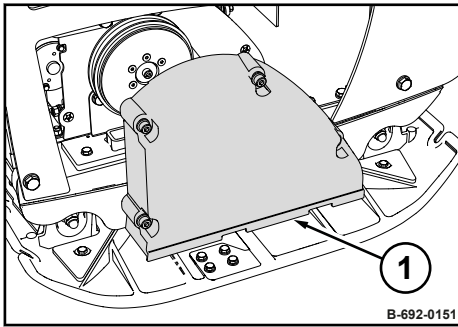


Fig. 74

10. Fasten the V-belt guard (1).

8.9.5.1 Checking the frequency of the base plate

Keep feet and hands clear of the vibrating base plate.



CAUTION!

Danger of injury caused by uncontrolled machine movement!

- Always hold on to a running machine.
- Always keep an eye on a running machine.

- Protective equipment:
- Working clothes
 - Hearing protection
 - Safety shoes
- Special tool:
- Sirometer

1. Park the machine on a rubber mat.
2. Start the engine ↪ *Chapter 6.2 „Starting the engine“ on page 49.*
3. Run the machine at maximum speed for one minute.
4. Check the base plate's frequency with a suitable measuring instrument (e.g. Sirometer).
 - ⇒ **Nominal value:** ↪ *Chapter 2 „Technical data“ on page 11*
5. Park the machine safely ↪ *Chapter 6.4 „Parking the machine in secured condition“ on page 53.*
6. If frequency incorrect:
 - Check the engine speed.
 - Check the V-belt.
 - If necessary, contact our customer service.

Maintenance – Every 2 years / every 500 operating hours

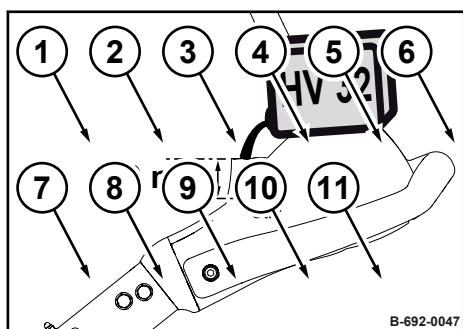


Fig. 101

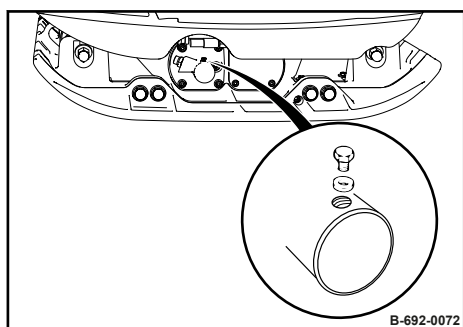


Fig. 102

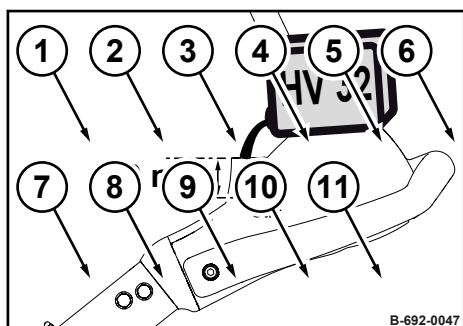


Fig. 103

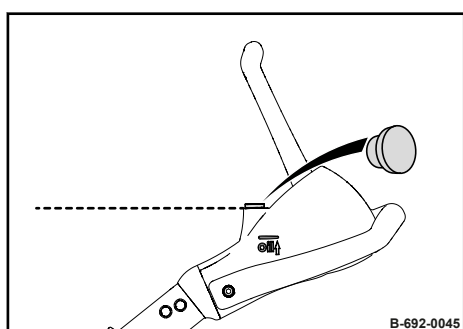


Fig. 104

7.



NOTICE!

Components may get damaged!

- Use only oil of the permitted specification.

Fill in hydraulic oil up to the mark on the steering rod head.

Mark: approx. 40 mm (1.6 in) below the filler opening

8. Slacken the bleeding screw.

9. Wait until all air has escaped and then tighten the bleeding screw.

10. Fill in hydraulic oil up to the mark on the steering rod head.

11. Screw in the filler screw.

12. Dispose of oil in line with environmental regulations.

Troubleshooting – Starting the engine with the recoil starter

8. Run the engine warm for approx. 1 to 2 minutes in idle speed.



NOTICE!

Danger of engine damage!

- Warm up engine for a short while before starting work. Do not operate the engine immediately under full load.

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