

Operating Instruction/Maintenance Instruction

Original Operating Instructions

DFP9

Forward plate



S/N 101 925 31 1001> / S/N 101 925 39 1001>
DL8 205 12 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.

Keep away from ignition and heat sources.

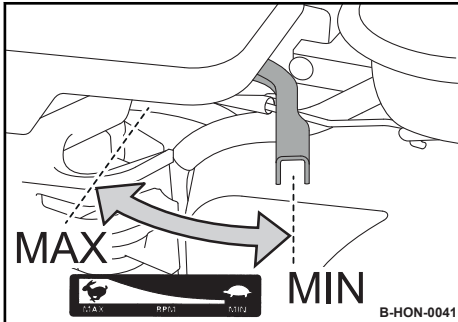
Apply measures against electrostatic charging.

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.

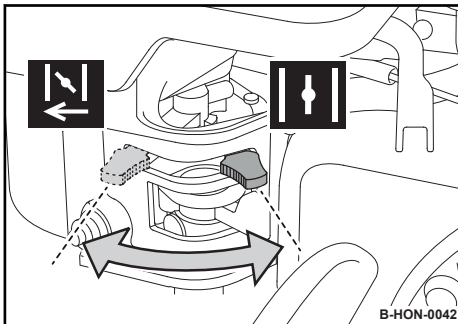
4.1.3 Throttle lever



Position "MIN"	Idle speed
Position "MAX"	Maximum speed

Fig. 21

4.1.4 Choke lever



Position "Left"	Choke closed
Position "Right"	Choke open

Fig. 22

4.1.5 Recoil starter

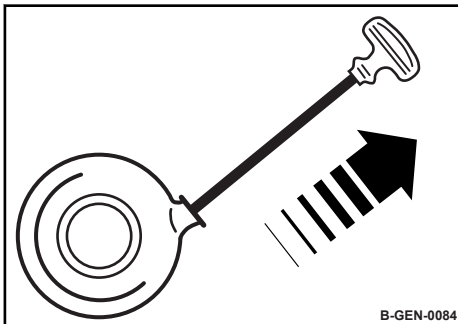


Fig. 23

5.6 Checking the water level, topping up



NOTICE!

Dirty or contaminated water can block the bore-holes!

- Fill only with clean water.



NOTICE!

Components may get damaged by frost!

- Drain all water off if there is a risk of frost.

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

1. Clean the area around the filling port.
2. Remove the cap (1) and check the water supply in the water tank.
3. If necessary, fill in clean water.
4. Close the cap.

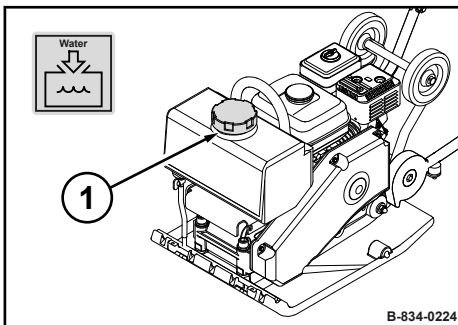


Fig. 34

Alternatively, the water tank can also be removed and transported for filling.

1. Close the shut-off valve (1).
2. Loosen the hose clamp and pull the hose (2) off the shut-off valve.
3. Lift off the water tank upwards.

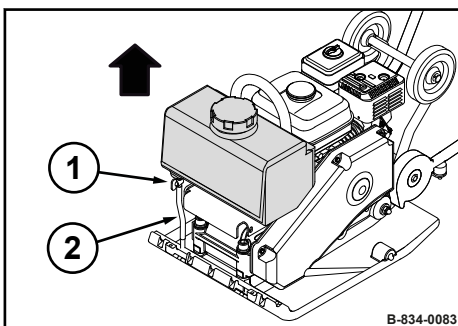


Fig. 35

6.5 Parking the machine in secured condition

Components can be very hot during or immediately after operation.



WARNING!

Danger of burning on hot components!

- Wear your personal protective equipment (protective gloves, protective clothing).
- Avoid touching hot components.

Protective equipment:

- Hearing protection
- Working clothes
- Protective gloves
- Safety shoes

1. Park the machine on level and firm ground.
2. Set the throttle lever to “MIN” position (idle speed).

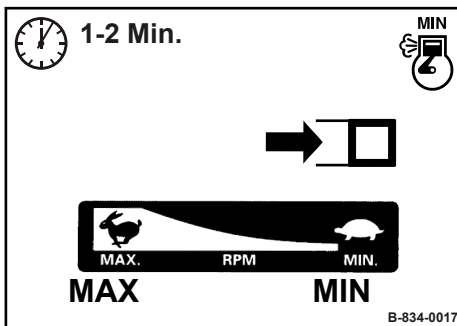


Fig. 49

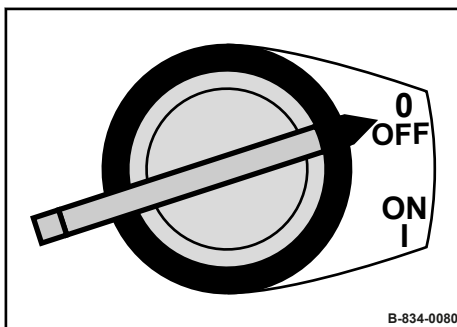


Fig. 50

3.



NOTICE!

Danger of engine damage!

- Do not shut down the engine all of a sudden from full load speed, but let it idle for about two minutes.

Switch the engine stop switch to “OFF” position.

⇒ The engine is shut down.

8.3 List of fuels and lubricants

Assembly group	Fuel or lubricant		Spare parts number	Filling quantity
	Summer	Winter		Observe the level mark!
Engine oil	SAE 10W-30 Specification: ↪ <i>Chapter 8.2.1 'Engine oil' on page 69</i>			0.6 l (0.16 gal us)
	SAE 30			
Fuel	Gasoline (unleaded) Specification: ↪ <i>Chapter 8.2.2 'Fuel' on page 69</i>			3.1 l (0.8 gal us)
	Fuel stabilizer Specification: ↪ <i>Chapter 8.2.2.2 'Fuel stabilizer' on page 70</i>			
Exciter shaft housing	SAE 10W-40 Specification: ↪ <i>Chapter 8.2.3 'Oil for exciter shaft housing' on page 70</i> Components may get damaged! Do not use low-ash engine oils for the exciter shaft housing.			0.25 l (0.07 gal us)
	SAE 15W-40			
	SAE 10W-30			
Water tank	Water			7.0 l (1.8 gal us)

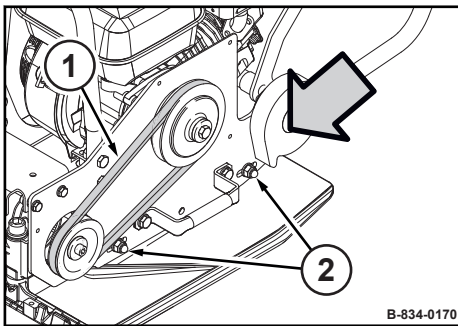


Fig. 73

4. Slightly loosen the fastening screws (2) on both sides.
5. Pull the engine carrier forward, remove and replace the V-belt (1).

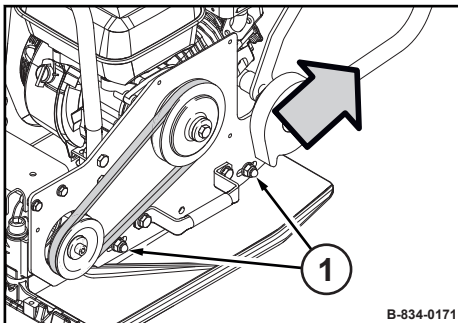


Fig. 74

6. Install the new V-belt and pull the engine carrier back.
7. Tighten the fastening screws (1) on both sides.

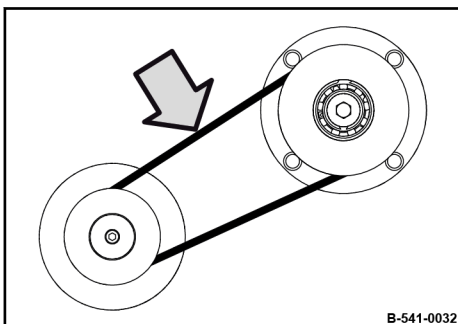


Fig. 75

8. Check tension of V-belt, tighten if necessary.
⇒ **Compression measurement:** approx. 5 mm (0.2 in).

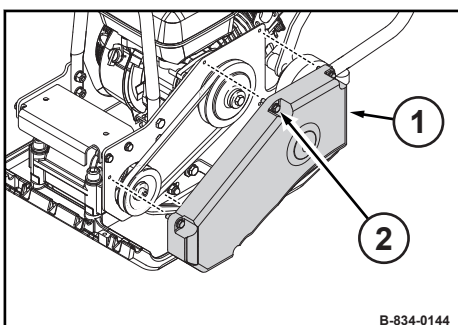


Fig. 76

9. Assemble the V-belt guard (1) with fastening screws (2).
10. Check the V-belt tension again after 25 operating hours, tighten if necessary.

8.8.3.1 Checking the frequency of the base plate

Keep feet and hands clear of the vibrating base plate.



NOTICE!

Electric components can be damaged by water entering into the system!

- Do not direct the water jet directly into the air filter, carburettor, recoil starter, air intake or engine stop switch.

1.



CAUTION!

Danger of eye injuries caused by particles flying around!

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

Spray the engine with a suitable, non-inflammable cleansing agent, let it soak in for a while, clean it off with water and blow out with compressed air.

2. Warm up the engine for a while to avoid corrosion.
3. Look for the cause of oily contamination and have any leaks sealed by our customer service.


8.9.2 Cleaning the machine



NOTICE!

Danger of engine damage caused by reduced cooling!

- Immediately remove any oil or fuel leaks near fuel tank, cylinders or cooling air intake.

1. Park the machine safely  *Chapter 6.5 'Parking the machine in secured condition' on page 61.*
2. Allow the engine to cool down for at least 30 minutes.



NOTICE!

Electric components can be damaged by water entering into the system!

- Do not direct the water jet directly into the air filter, carburettor, recoil starter, air intake or engine stop switch.

3. Clean the machine with a water jet.
4. Warm up the engine for a while to avoid corrosion.

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