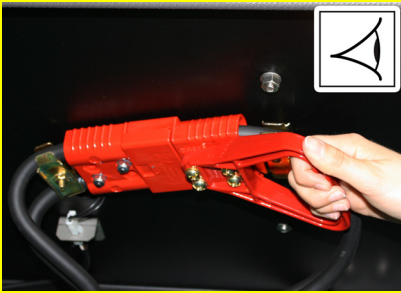
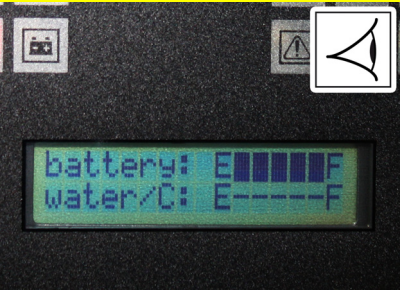


Warning

These are only brief instructions! Please read and comply with these instructions prior to using or servicing your appliance.
The non-compliance of the operating and safety instructions may lead to damages of the appliance and to dangers for the operator and other persons.

Start up

1	A 	B 	C 	A Tilt the seat towards the front. B Check if the battery plug is connected to the appliance. C Fold the seat backwards.
2	A 	B 	C 	A Sit on the driver's seat. B Set main switch to "1". C Check battery status. Note The device is equipped with a safety mechanism to prevent total discharge, i.e. when the permissible minimum capacity is reached, then the machine can only be driven and existing lamps can be switched on. In such a case, the battery monitoring symbol on the control console glows red. ■ Drive the machine directly to the charging station; avoid any steep gradients in the process.
3	A 	B 	C 	A Pull seat adjustment lever outwards. B Slide seat, release lever and lock in place. C Adjust the seat springs. D Adjust the seat back. E Set up the lumbar support. F Loosen the wing nut to adjust the steering wheel.
	D 	E 	F 	Position the steering wheel. Tighten the wing nuts.
				

Start up

4

A



B



Note

- Fill up the fresh water tank completely before starting up the machine to ventilate the water supply system.
- Warning**
Risk of damage. Only use the recommended detergents. With respect to different detergents the operator bears the increased risk regarding the operational safety and danger of accident. Only use detergents that are free from solvents, hydrochloric acid and hydrofluoric acid. Follow the safety instructions for using detergents.
- A Open the cover of the fresh water reservoir. Fill fresh water (max. 60 °C) until 15 cm below the upper edge of the tank.
 - B Pour in detergent. Close the cover of the fresh water reservoir.

Operation

1

A



B



Turning on the Appliance

- Danger**
Danger of accident. The immobilizing brake must always be checked first on an even surface before starting the machine.
- A Sit on the driver's seat.
 - B Set main switch to "1".

2

A



B



C



D



E



Drive the machine

- A Set programme switch to step 1 (driving).
- B Drive forward
Set the drive direction using the drive direction button at the operator console.
- C Reverse drive
Set the drive direction using the drive direction button at the operator console.
- D Determine the driving speed by pressing the drive pedal.
- E Stop the machine: Release driving pedal; press brake, if necessary.

Operation

3	A 	Scrubbing suction A Wet clean the floor and vacuum up dirt water.
4	A 	Wet scrubbing A Wet clean the floor and allow the detergent to react.
5	A 	Vacuuming A Suck in the dirt fleet.
6	A 	Polishing A Polishing the floor without the application of liquid.
7	A 	Scrub the floor without applying water (vacuum polishing) A Polish the floor without applying any fluid and suck in the polishing dust.
8	A 	Manual cleaning A Apply liquid detergent using the wall-ceiling-floor nozzle (optional) and vacuum it again.
9	A 	Info button Use the Info button to select the menu items and do the settings. A Turning the button to the right/left scrolls through the menus forward/ backward. The selected setting gets accepted by pressing the button.

Finish operation

1

A



Emptying waste container

- A Only BR model: Remove bulk waste container and empty it.

2

A



B



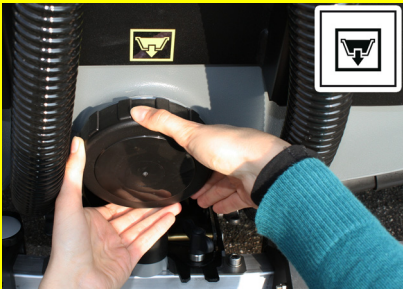
Empty tanks.

⚠ Warning

Please observe the local provisions regarding the wastewater treatment.

- A Take the fresh water drain hose or the dirt water drain hose from the support and lower it into a suitable collection device.
- B Let off water by opening the dosage device at the discharge hose.
- C Unscrew the cover of the cleaning opening of the dirt water tank. Then rinse the dirt water tank with clear water.

C



3

A

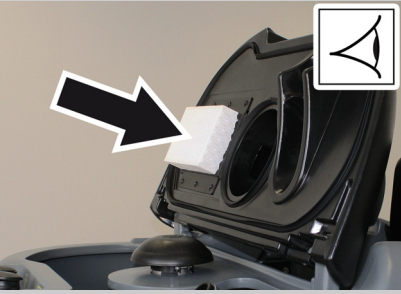
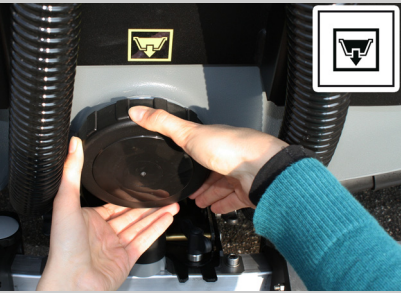
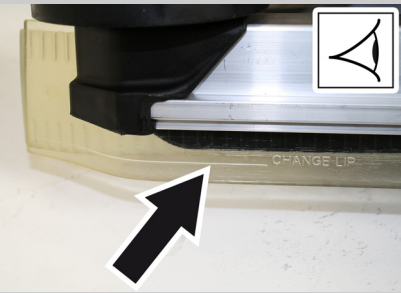
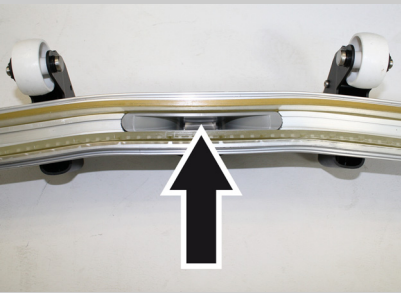


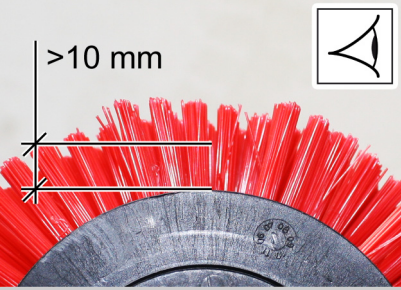
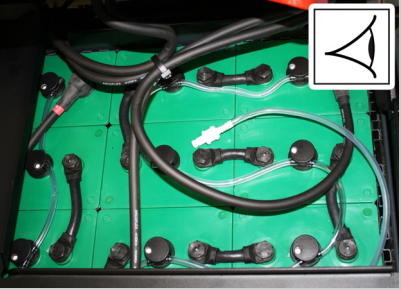
B



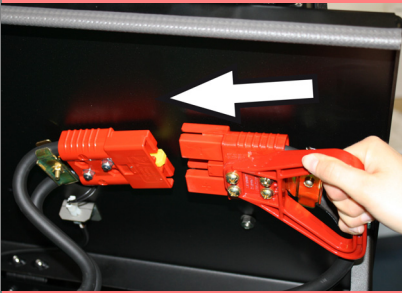
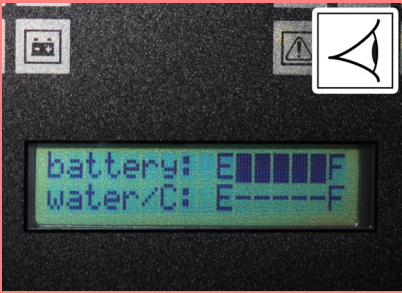
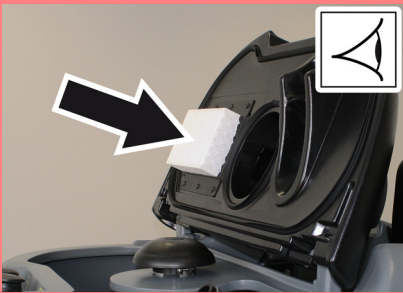
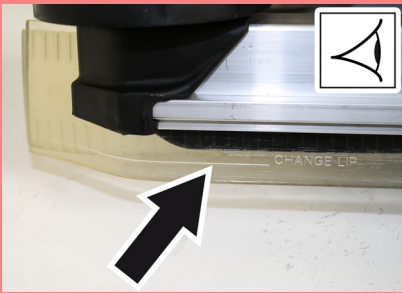
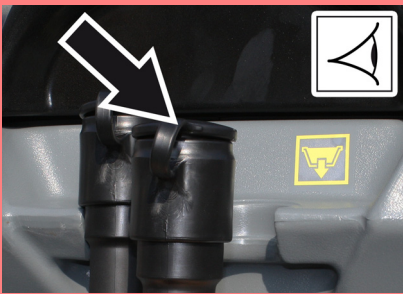
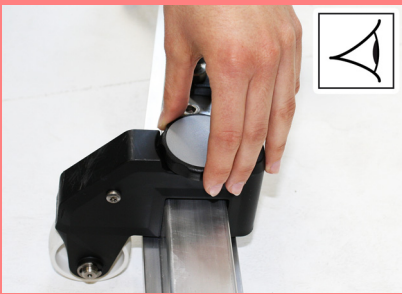
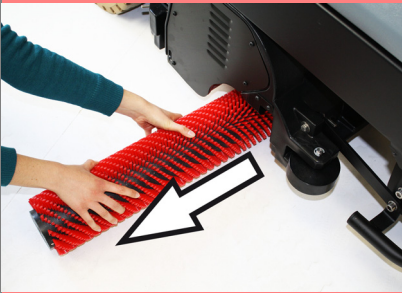
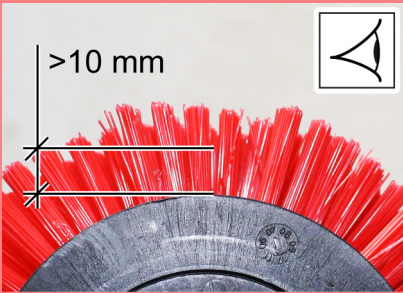
Turn off the appliance

- A Set programme switch to step 1 (driving).
- B Turn key to "0" and remove it.

Maintenance and care			daily	monthly	Kärcher Customer Service
1	A 	A Check the flat folded filter, clean if required			
2	A 	A Only BR model: Remove bulk waste container and empty it.			
3	A    B  C 	⚠ Warning Please observe the local provisions regarding the wastewater treatment. A Take the dirt water discharge hose from the support and lower above a suited collection device. B Let off water by opening the dosage device at the discharge hose. C Unscrew the cover of the cleaning opening of the dirt water tank. Then rinse the dirt water tank with clear water.			
4	A  B 	A Clean the vacuum lips and the wiping lips, check for wear and replace if required. B Clean the suction channel.			

Maintenance and care			daily	monthly	Kärcher Customer Service
5	A 	BR model A Check the brushes for wear, replace if required. If the bristles are shorter than 10 mm, the brushes are worn out. BD model A Check the brushes for wear, replace if required.			
6	A	A Clean the outside of the appliance with a damp cloth which has been soaked in mild detergent.			
7	A 	A Check battery pole for oxidation; brush it if required and lubricate it using pole grease. Ensure that the connection cable sits firmly. Check the acid density of the cells if the batteries are not maintenance-free batteries.			
8	A 	A Clean the seals between dirt water reservoir and cover and check for tightness, replace if required.			
9	A	A Have the prescribed inspection carried out by the customer service.			

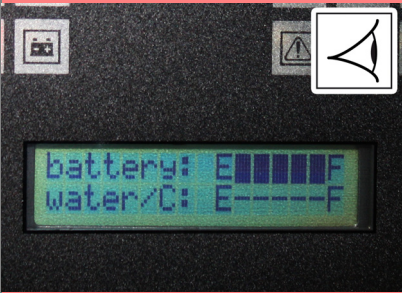
Troubleshooting

1	A B C	Appliance cannot be started A Insert battery plug. B Set main switch to “1”. C Check battery; charge it, if needed
2	A	Insufficient water quantity A Check fresh water level, refill tank if necessary. B Check hoses for blockages; clean if required. C Clean the fresh water filter.
3	A B C D E F	Insufficient vacuum performance A Clean the seals between dirt water reservoir and cover and check for tightness, replace if required. B Clean the flat-fold filters at the suction support of the suction turbine. C Clean the vacuum lips on the vacuum bar, replace if required D Check suction hose for blockages; clean if required. Check the suction hose for tightness; replace if required. E Check if the cover on the dirt water discharge hose is closed F Check the setting of the vacuum bar.
4	A 	Insufficient cleaning result BR model A Check the brushes for wear, replace if required. If the bristles are shorter than 10 mm, the brushes are worn out. BD model A Check the brushes for wear, replace if required.
5	A	Brushes do not turn A Check if foreign matters block the brushes; remove foreign matter if required.

Troubleshooting

6

A



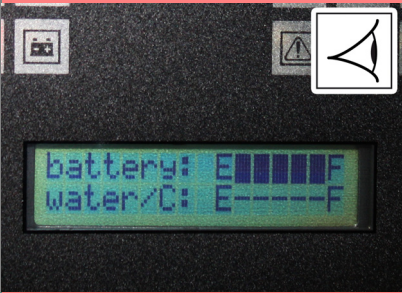
Fault indication

A The display shows the existing faults at intervals of 4 seconds (example:
Fault scrubbing
funktion H1/022
If the faults continue to be displayed on the console even after 4 seconds, then proceed as follows:

- Bring the key switch to "0" (switch off the machine).
- Wait till the text on the display has disappeared.
- Bring the key switch back to "1" (switch on the machine). Carry out the troubleshooting measures in the given sequence only if the fault occurs again. At such times, always bring the main switch to the "0" position and ensure that the emergency-stop button is depressed.
- If the fault cannot be repaired, call customer service and mention the fault code(s) (H1/022 in the example).

7

A



Faults with display

A See operating instructions, chapter "Faults with display".