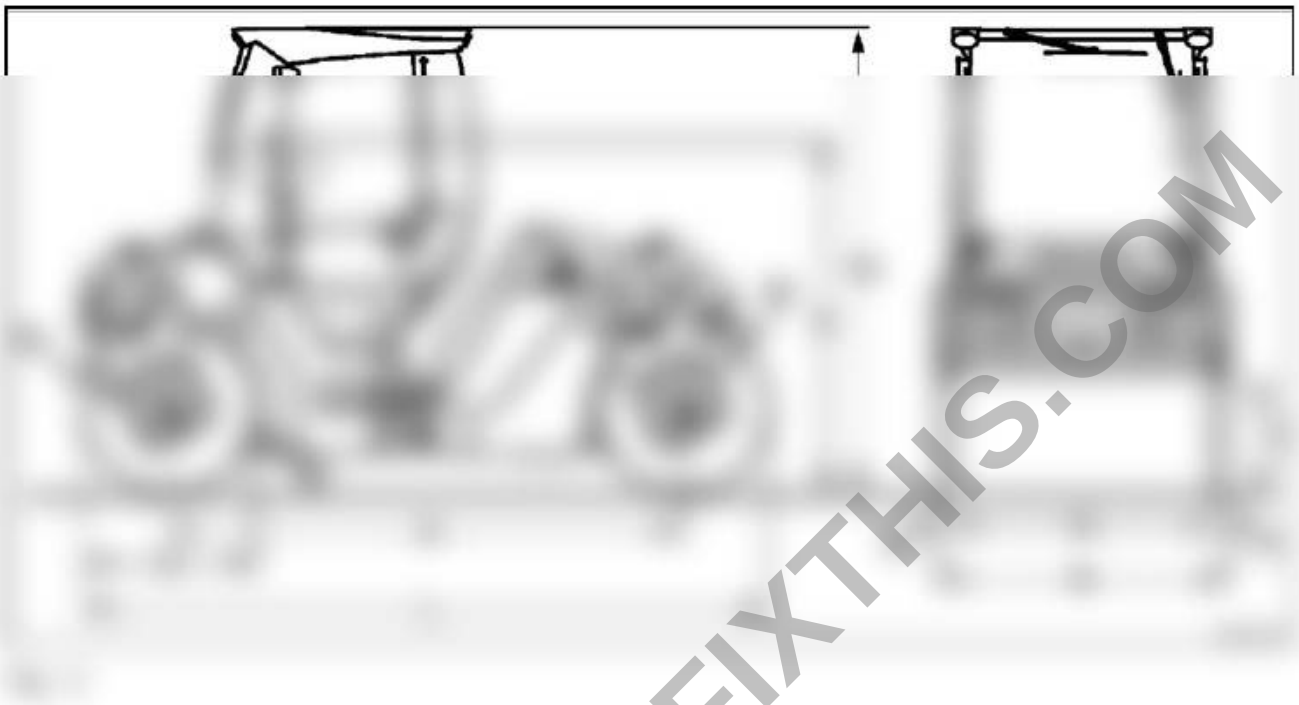
Technical data

Dimensions



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4.1 Operator's stand

4.1.1 Overview

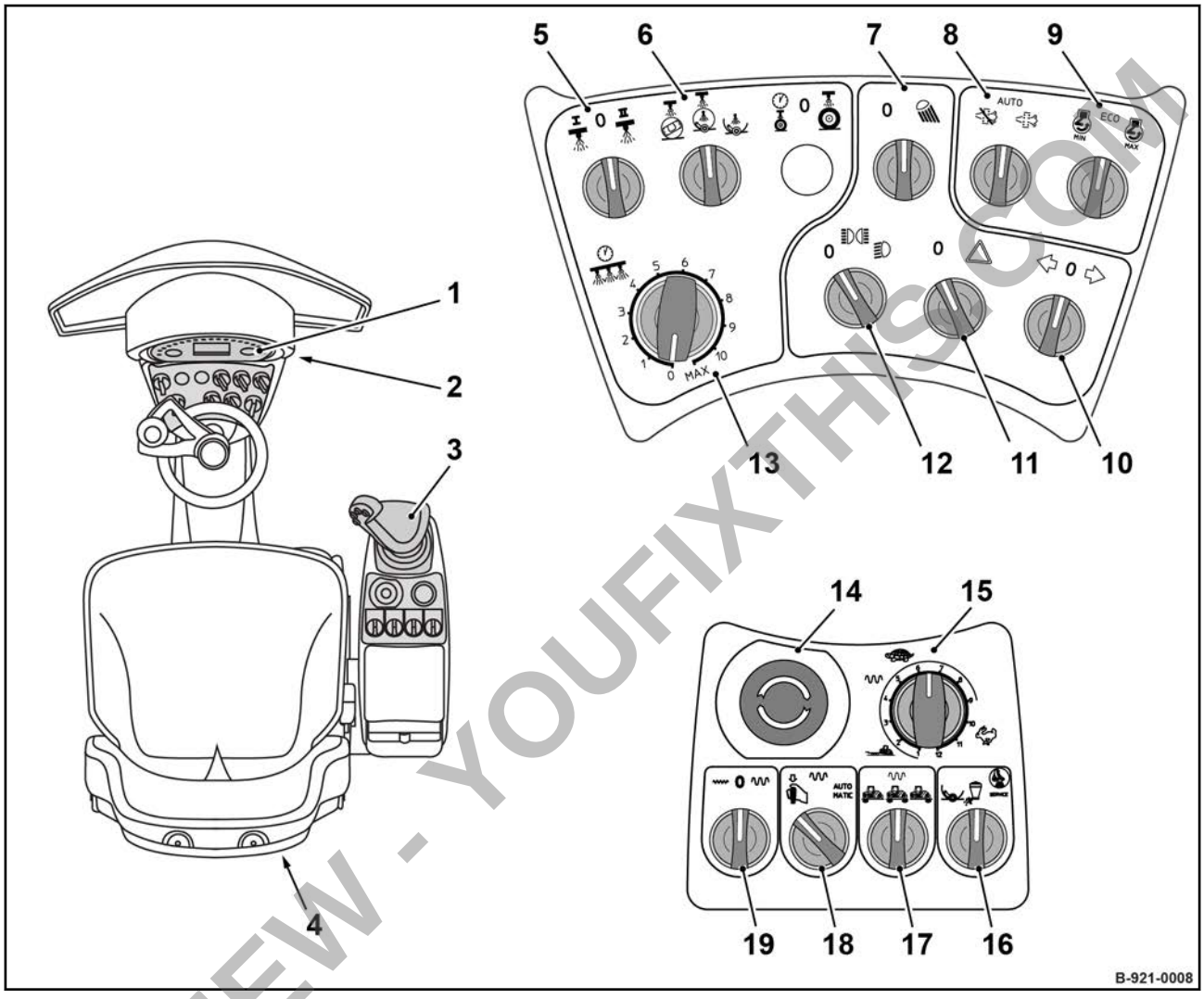


Fig. 13

1 Instrument cluster
2 Start switch
3 Travel lever
4 Toggle switch for seat heating *(Optional equipment)*
5 Rotary switch for sprinkling pumps
6 Rotary switch for sprinkler system pre-selection *(Optional equipment)*
7 Rotary switch for working lights
8 Rotary switch DPF-regeneration *(DPF: Diesel particulate filter)*
9 Rotary switch for engine speed
10 Rotary switch for direction indicators
11 Rotary switch for hazard light system
12 Rotary switch for lighting
13 Rotary switch for pressure sprinkler system
14 Emergency stop push button
15 Rotary switch for travel ranges
16 Rotary switch for travel lever button assignment
17 Rotary switch for vibration, drum pre-selection

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6.1 Set-up the work place

1. Park the machine in secured condition *Chapter 6.8 'Park the machine in secured condition.' on page 99*.

6.1.1 Adjust the driver's seat

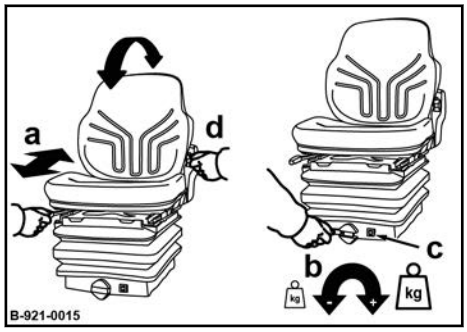


Fig. 66

a Length adjustment
b Weight adjustment
c Display of weight adjustment
d Inclination of the backrest

1. To adjust the inclination of the backrest operate lever (d) and tilt the backrest forward or back.
2. To adjust the seat in longitudinal direction disengage lever (a) and push the seat forward or back.
3. To adapt to the weight of the operator read the weight indication in the window (c) and, if necessary, turn lever (b) until the correct driver's weight has been adjusted.

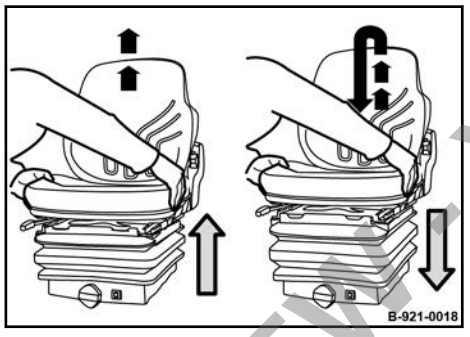


Fig. 67

4. To adjust the seat height lift up the seat, until it locks at the appropriate height.

When lifting the seat completely it will sink down to lowest position.

6.1.2 Sliding the driver's seat sideways

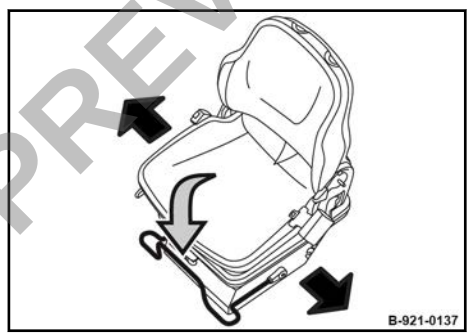


Fig. 68

1. Press the lever down and adjust the seat sideways.
2. Lock the seat securely in one of the locking positions.

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8.1 Preliminary remarks and safety notes

DANGER!

Danger to life caused by an operationally unsafe machine!

– The machine must only be serviced by qualified and authorized personnel.
– Follow the safety regulations for maintenance work *Chapter 3.11 'Maintenance work' on page 42*.

WARNING!

Health hazard caused by fuels and lubricants!

– Safety regulations and environmental protection regulations when handling fuels and lubricants must be followed *Chapter 3.4 'Safety regulations and environmental protection regulations when handling fuels and lubricants' on page 27*.

CAUTION!

Danger of being injured by the engine hood dropping down!

– Always secure an opened engine hood.

The terms right/left always correspond with travel direction forward.

1. Always clean machine and engine thoroughly before starting maintenance work.
2. For all maintenance work park the machine is secured condition *Chapter 6.8 'Park the machine in secured condition.' on page 99*.
3. Wear your personal protective outfit.
4. Do not touch hot engine parts.
5. Always remove the main battery switch for all maintenance work.
6. Perform maintenance work only with the engine shut down.
7. Always attach the articulation lock when working in the area of the articulated joint.
8. Relieve hydraulic pressures before working on hydraulic lines.
9. Before working on electric parts disconnect the battery and cover it with insulation material.
10. After all maintenance work is completed reinstall all guards and safety installations.

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9.1 Preliminary remarks

Malfunctions are frequently caused by incorrect operation of the machine or insufficient maintenance. Whenever a fault occurs you should therefore thoroughly read these instruction on correct operation and maintenance.

If you cannot locate the cause of a fault or rectify it yourself by following the trouble shooting chart, you should contact our customer service department.

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3.1 General prerequisites

3.1.1 General

This BOMAG machine has been built in compliance with the latest technical standard and complies with the applicable regulations and technical rules.

However, dangers for persons and property may arise from this machine, if:

- it is used for purposes other than the ones it is intended for,
- it is operated by untrained personnel,
- it is changed or converted in an unprofessional way,
- the safety instructions are not observed.

Each person involved in the operation, maintenance and repair of the machine must therefore read and comply with these safety regulations. If necessary, the customer must obtain the relevant signatures as confirmation.

Furthermore, the following obviously also applies:

- applicable accident prevention instructions,
- generally accepted safety and road traffic regulations,
- country specific safety regulations.

It is the duty of the operator to be acquainted with the safety regulations and to apply these accordingly. This also applies for local regulations amnd regulations concerning different types of handling activities. Should the recommendations in these instructions be different from the regulations valid in your country, you must comply with the safety regulations valid in your country.

3.1.2 Explanations to signal words used:



DANGER!

Danger to life if failing to comply!

Sections marked like this point to an extremely dangerous situation that could lead to fatal or severe injuries, if this warning is disregarded.



WARNING!

Danger to life or danger of severe injuries if failing to comply!

Sections marked like this point to a dangerous situation that could lead to fatal or severe injuries, if this warning is disregarded.

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3.11.5 Working on the air conditioning

Faults on the air conditioning should only be remedied by authorized service personnel.

Do not perform welding work in the vicinity of the air conditioning. Danger of explosion!

Do not clean the condenser in the air conditioning system with a hot water jet. Danger of explosion!

Do not release refrigerant into the atmosphere, but dispose of environmentally.

3.11.6 Cleaning work

Do not perform cleaning work while the motor is running.

Allow the engine to coola down before starting cleaning work on engine and exhaust system.

Do not use gasoline or other easily inflammable substances for cleaning.

When cleaning with steam cleaning equipment do not subject electrical parts and insulation material to the direct jet of water, or cover it beforehand.

Do not guide the water jet into the exhaust pipe and into the air filter.

3.11.7 After maintenance work

Reassemble all guards and protections.

Close all maintenance flaps and doors again.

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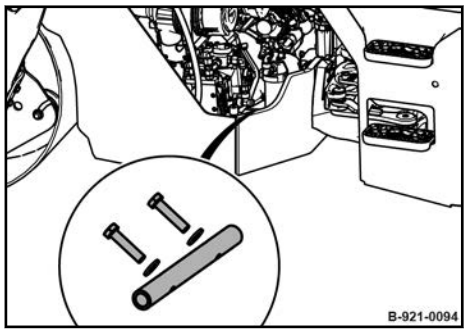


Fig. 162

6. Screw on the pump lever extension.Unscrew the pump lever extension.

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NOTICE!

Components may get damaged!

– Use only oil of the permitted specification ↳ *Chapter 8.2.5 'Exciter system' on page 143*.

Protective equipment: ■ Protective gloves

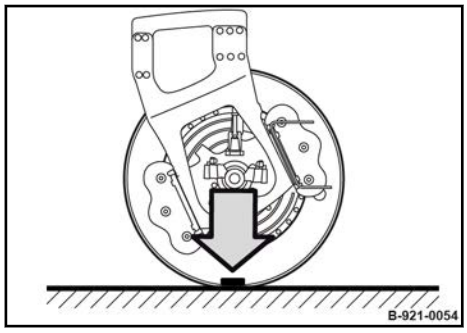


Fig. 213

1. Move the drum until the mark is in lowest position.
   ⇨ The filler screw points vertically up.
2. Park the machine in secured condition ↳ *Chapter 6.8 'Park the machine in secured condition.' on page 99*.

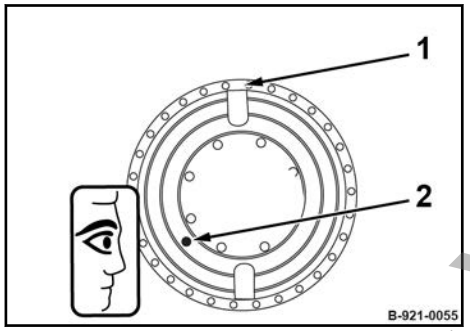


Fig. 214

3. Clean and unscrew oil level inspection plug (2).
4. The oil level must reach the bottom edge of the bore, top up oil through the filler opening (1) if necessary.
5. Turn the level inspection plug tightly back in.
6. Check the oil level in both drums.

8.8.8 Service the air conditioning

8.8.8.1 Air conditioning function test

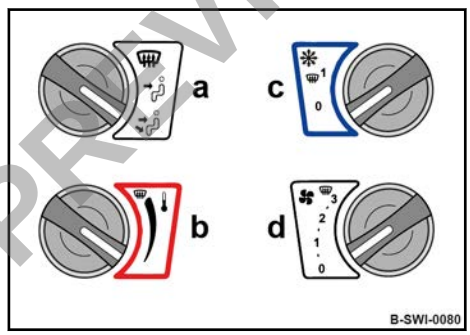


Fig. 215

a Adjust the air distribution
b Regulate the cabin temperature
c Air conditioning on/off

1. Start the engine.
2. Switch the fan to the highest stage.
3. Choose the lowest cabin temperature.
4. Switch the air conditioning on.
5. Direct the air flow into the cabin and check, that the flowing out air is considerably cooler.
   ⇨ If the outflowing air is considerably cooler, the air conditioning system is in good working order.

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