SQUARE

VS SQUARE II

Four Post Inground Lift

Original Operating Instructions

BA322501-en

VS SQUARE II 5.0
VS SQUARE II 5.0 F
VS SQUARE II 5.5

VS SQUARE II 6.5
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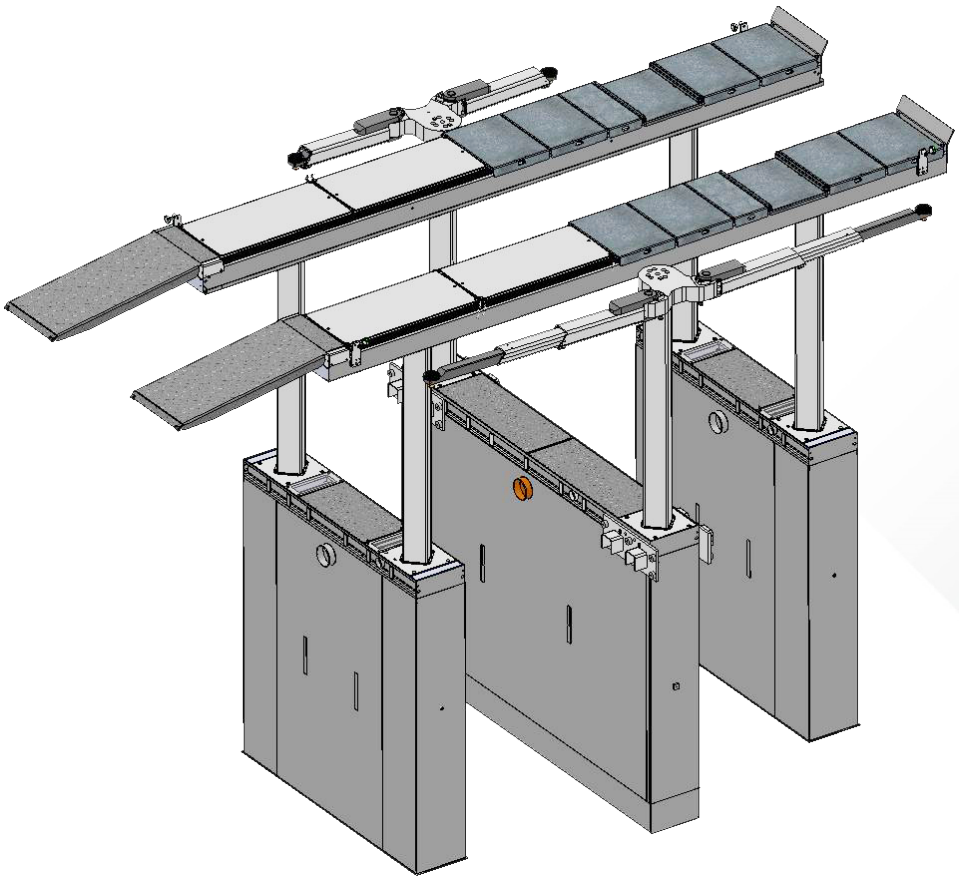


Contents

1 Safety

1.1 Introduction

Thoroughly read this manual before operating the equipment and comply with the instructions. Always display the manual in a conspicuous location.

Personal injury and property damage incurred due to non-compliance with these safety instructions are not covered by the product liability regulations.

1.2 Symbols

Important safety instructions. Failure to comply with instructions could result in personal injury or property damage.

Important information.

1.3 Intended Use

- This lift shall be used exclusively for the safe lifting of motor vehicles. Observe the rated load capacity and load distribution.
- The lift shall not be modified without the express written consent of the manufacturer. In case of non-compliance the declaration of conformity becomes void.

1.4 Inappropriate Use

Any use other than described is inappropriate, for example:

- Climbing on the lift supports
- Transporting persons on the lift supports
- Usage as mobile work platform or for other lifting operations

1.5 Requirements on Operating and Service Personnel

All persons employed in the operation, maintenance, installation, removal and disposal of the device must

- be mentally and physically suited for these activities,
- be at least 18 years old,
- be trained and instructed in writing,

- have read and understood the operating instructions, especially the instructions what to do in the event of defects or malfunctions,
- be on record as having been instructed in safety guidelines,
- have practical experience in working with vehicle lifts and the hazards inherent in such equipment.

1.6 Safety Instructions for Commissioning

- The lift shall be installed and commissioned by authorised service personnel only.
- Use personal protective equipment.
- All safety features must be checked for proper function at commissioning.
- The control desk (if present) shall not be installed in the danger zone of the lift.
- The standard lift version shall not be installed and commissioned in hazardous locations, outdoors, in moist rooms (e.g. car wash) or outside a temperature range of 5…40 °C (41…104 °F).

1.7 Safety Instructions for Operation

- Observe the detailed operating instructions.
- Observe all accident prevention regulations.
- Use personal protective equipment.
- The standard lift version shall not be operated in hazardous locations, outdoors, in moist rooms (e.g. car wash) or outside a temperature range of 5…40 °C (41…104 °F).
- To ensure safe operation, check the functionality of all safety devices before using the lift.
- The control desk (if present) must be positioned in such a way that there is an unobstructed view to the complete working area and the emergency stop can be accessed at all times.
- All structural parts of the equipment must be visually checked at regular intervals.
- Supply of suitable illuminating devices is the owner's/operator's responsibility.
- Do not allow anyone to stay in the danger zone when driving on or off the lift.
- Lifts with cylinder and runways: when lifting vehicles with a short wheelbase, make sure that one axle is in front of the lifting cylinder, the other behind it.
- Lifts with wheel-free jack: before driving on or off the lift or wheel-free jack, make sure the jack is in bottom position.
- If the operator is unable to see all parts of the danger zone, a trained second person must monitor such areas.
- Center the vehicle on the lift when it is in fully lowered position.

- After positioning the vehicle on the lift secure it against roll-off.
- Lifts with runways: make sure the vehicle tyres do not contact the roll-off protection when raising or lowering the lift.
- Lifts with runways: modifications (such as usage of extensions) are permissible only under the condition that the functionality of the roll-off protection is maintained (protective position of ≥ 0.1 m above the runways).
- The load rating on the identification plate must not be exceeded.
- Keep the path of movement free of obstructions.
- Only use the vehicle manufacturer's recommended lift points.
- Only use lifting supports approved by the vehicle manufacturer.
- The vehicle must be lifted as a whole. usage of external hoisting and support devices in combination with the lift must be approved by the manufacturer.
- Do not use the lift for transporting persons.
- Lifts with support arms or wheel-free jack: when raising the lift, all support points at the vehicle body must be engaged at the same time.
- Lifts with support arms or swing arm jack: use one additional extender or one support block only for each support point.
- Lifts with support arms or swing arm jack: check arm restraints for secure engagement as soon as support arms contact vehicle lift points.
- Lifts with wheel-free jack: secure engagement of the vehicle must be ensured by using appropriate means (e.g. lashing straps).
- After raising the vehicle briefly, stop and check the lift supports for secure contact.
- Make sure the vehicle doors are closed during raising and lowering cycles.
- Make sure the parking brake is applied during raising and lowering cycles.
- Closely watch lift and vehicle during raising and lowering cycles.
- Do not allow anyone to stay in lift area during raising and lowering cycles.
- Lifts with support arms or wheel-free jack: after setting down the vehicle, check the lift supports for secure contact before raising the vehicle again.
- Axle lift (if present): observe the installation instructions. Use both hands when moving the axle lift. The axle lift must be in park position during raising and lowering cycles.
- Axle lift (if present): the vehicle must be additionally secured against rolling off while one axle is in a raised position.
- Do not allow anyone to climb up the lift or the raised vehicle.
- Before leaving the lift, fully lower the vehicle or secure it against accidental lowering.
- Keep lift and vehicle free of tools and parts.
- Keep the lift and lift area clean. Risk of slippage on oily floors!

- The main switch serves as emergency stop switch. In case of emergency turn it to "0".
- Protect the lift against unauthorized usage by padlocking the main switch.
- Protect all parts of the electrical equipment from humidity.
- Use caution with operating vehicle engines. Danger of poisoning!
- When removing heavy vehicle components, the centre of gravity can change. In such circumstances appropriate action must be taken as required.
- Residual risk: Tripping over runways of surface mounted lifts, tripping over tools.

1.8 Safety Instructions for Servicing

- Use personal protective equipment.
- Service work must be done by authorized service technicians.
- Turn off and padlock the main switch before doing any repair, maintenance or setup work.
- The system must be unpressurized during maintenance work.
- Work on pulse generators or proximity switches must be done by authorized service technicians.
- Work on the electrical equipment must be done by service technicians or qualified electricians.
- Ensure that ecologically harmful substances are disposed of in accordance with the appropriate regulations.
- Do not use high pressure or steam jet cleaners. Do not use caustic cleaning agents.
- The lift's safety devices must be set by authorized service technicians.
- Do not replace or override the safety devices.

1.9 Safety Instructions for Handling Hydraulic Fluid

- Neutralize hydraulic fluid spills with binder.
- Remove contaminated clothing immediately.
- Inhalation: If symptoms persist, seek medical treatment.
- Skin contact: Wash skin immediately with soap and water. If skin irritation persists, seek immediate medical advice.
- Eye contact: Rinse thoroughly with water and seek medical advice.
- Ingestion: Do not induce vomiting. Seek immediate medical attention.

1.10 What to Do in the Event of Defects or Malfunctions

- In case of defects or malfunctions such as uncontrolled lift movement or deformation of the superstructure, support or lower the lift immediately.
- Turn off the main switch and secure it against unauthorized usage. Contact service.

1.11 What to Do in the Event of an Accident

- The injured person is to be removed from the danger area. Find out where dressing and bandages are kept. Seek first-aid.
- Provide first-aid (stop bleeding, immobilise injured limbs), report the accident and seal off the accident site.
- Immediately report any accident to your supervisor. Make sure a record is kept of every occasion first-aid is provided, e.g. in an accident book.
- Remain calm and answer any questions that may arise.

1.12 Safety Features

- The safety features shall not be modified by the owner/operator!

Main Switch

The main switch serves to switch the lift on and off and as emergency stop. In switch position "0" the system is completely disconnected from the power supply. The main switch can be padlocked to prevent unauthorized usage.

Dead Man’s Type Control

Any control is only functional as long as it is being pushed.

Equalizing Bar

The cross bar ensures level lifting height and speed for both cylinders.

Roll-off Protection

The roll-off protection bars at the end of each runway prevent the vehicle from rolling off the lift when in a raised position.

Pressure Relief Valve

The working pressure is limited by the pressure relief valve.

Pinch Point Protection

When fully lowering the lift, the lift automatically stops shortly before reaching bottom position. To lower the lift completely, the "Lower" button must be released and pushed again. Lift travel to the lower limit stop is accompanied by an audible signal.

Support arm lock

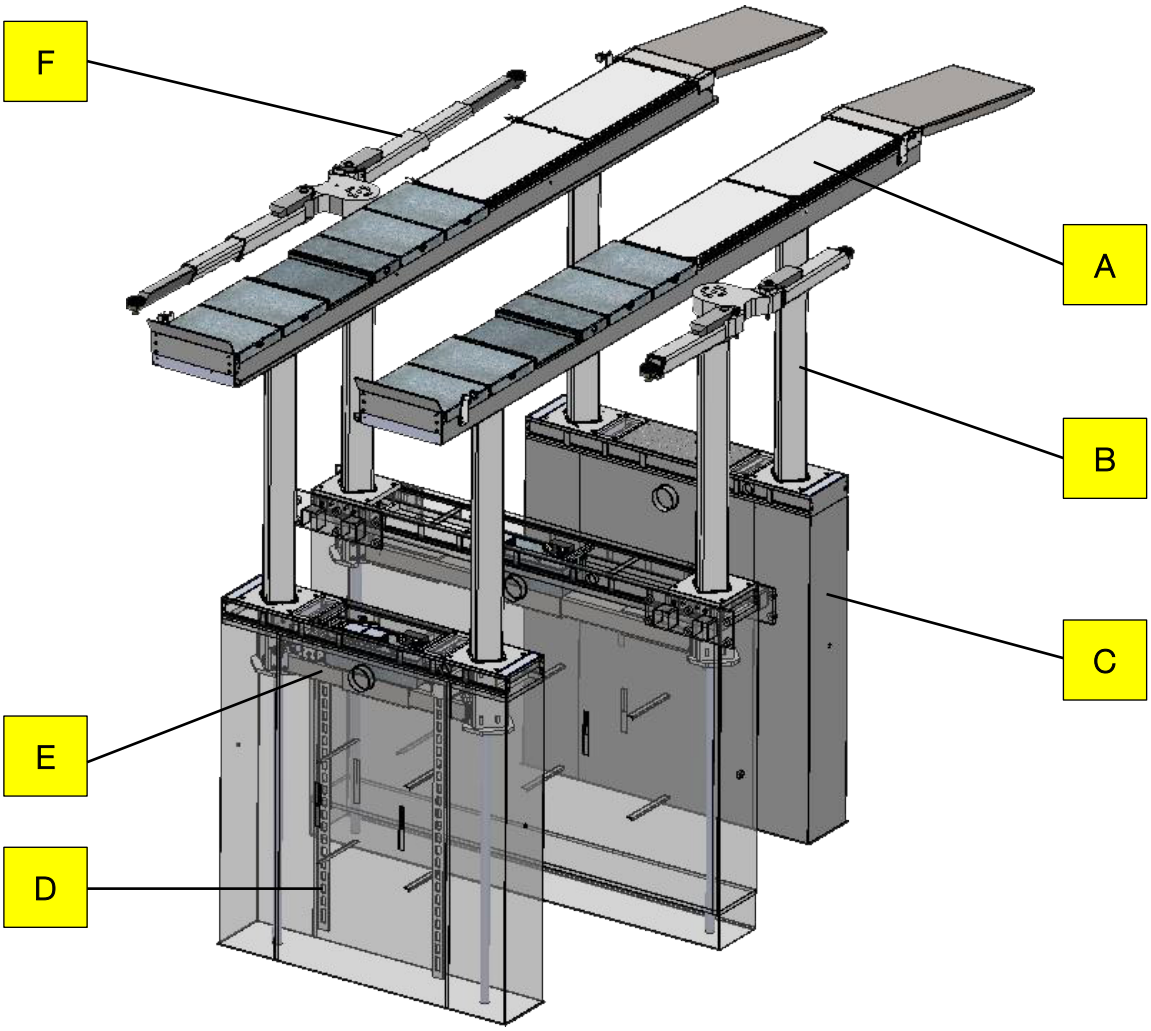
The support arm lock at the swing arm wheel-free jack secures the support arms against accidental turning.

2 Description

2.1 Main Components

This lift type has a platform support structure. Four fixed, internal hydraulic cylinders are used as carriers. Two lifting cylinders are connected to one cross yoke, to ensure synchronisation and security. The operation is carried out via an electrical dead man control by means of push buttons.

The lifting device can optionally be equipped with a scissor or swing armwheel-free jack.



(Example)

A Driving platform

B Cylinder

C Box in foundation

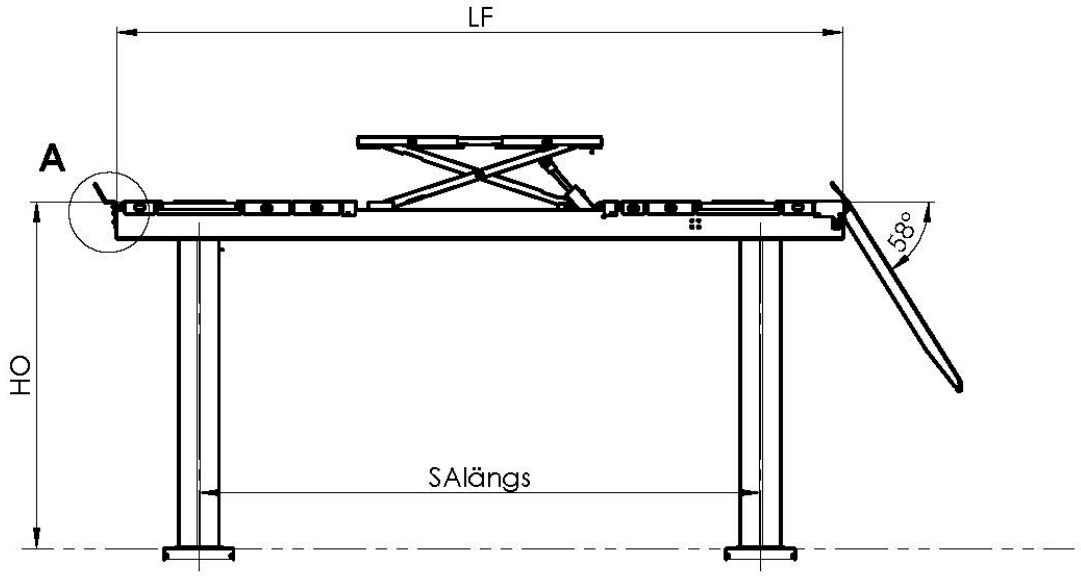
D Locking rod

E Cross yoke

F Swing arm wheel-free jack (optional)

2.2 Specifications

Load capacity	5000 kg	5500 kg	6500 kg
Piston centers, transverse	1580 mm (1565 mm, 1600 mm)		
Piston centers, longitudinal	3400 mm		3500 mm
Piston distance SWA			2700 mm
Lifting height max.	1900 mm		
Installation depth	2390 mm		
Cylinder dimensions	180 mm x 180 mm		
Raising time approx.	27 s	39 s	
Lowering time (load-dependent) min.	25 s		
Motor power	2 x 3 kW		
Supply voltage	3~ 400 V; 50 Hz		
Fuse protection (slow breaker)	2 x 16 A		
Fully extended height HO	2100 mm		
Net weight	2900 kg	3000 kg	
Passage width DB	930 mm (910…950 mm)		
Usable runway width BF	650 mm (630 mm)		
Usable runway length LF	4400 mm, 5350 mm, 5600 mm		
Outside runways AF	2200…2250 mm		
Fully retracted height max. HU	225 mm		
Overall length LG	5770 mm, 6720 mm, 6970 mm		
Overall width BG	3380 mm		
Ramp length LR	1300 mm		
Runway height HF	175 mm		
Height of compensation plates AG	50 mm		
Height of roll-off protection HA	110 mm		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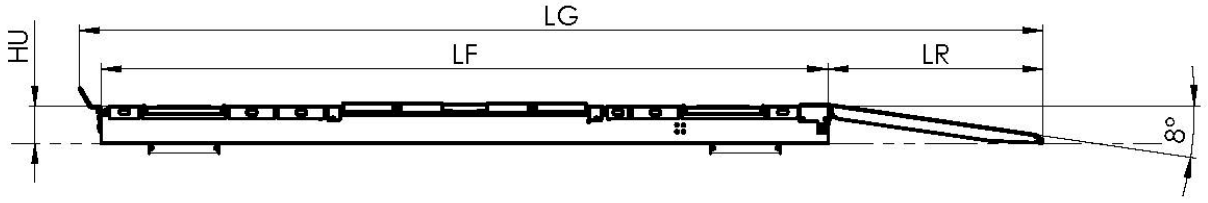
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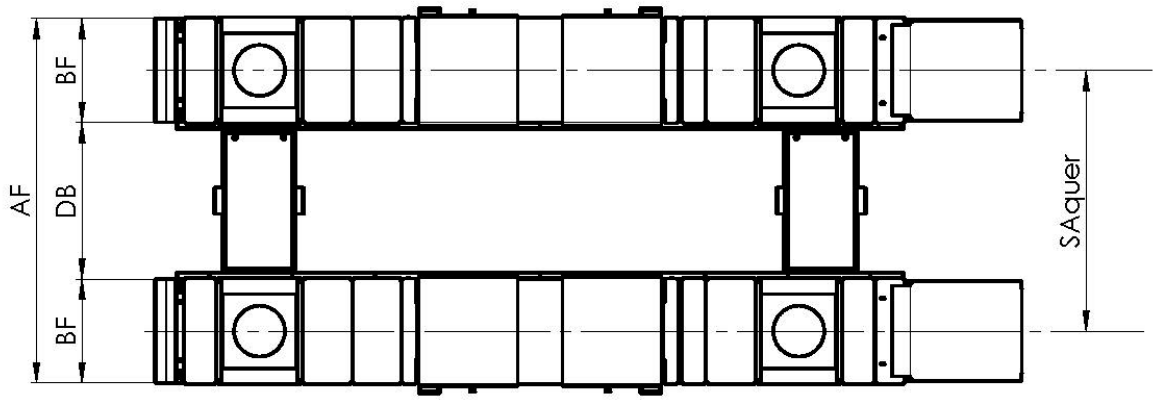
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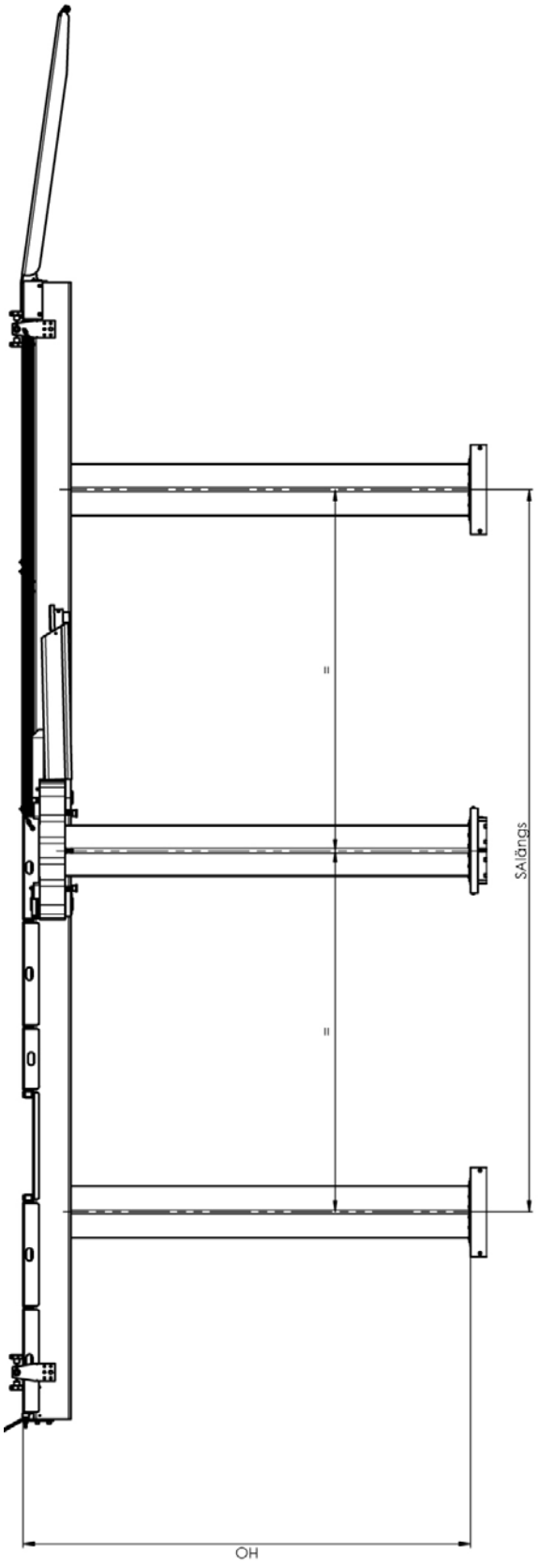
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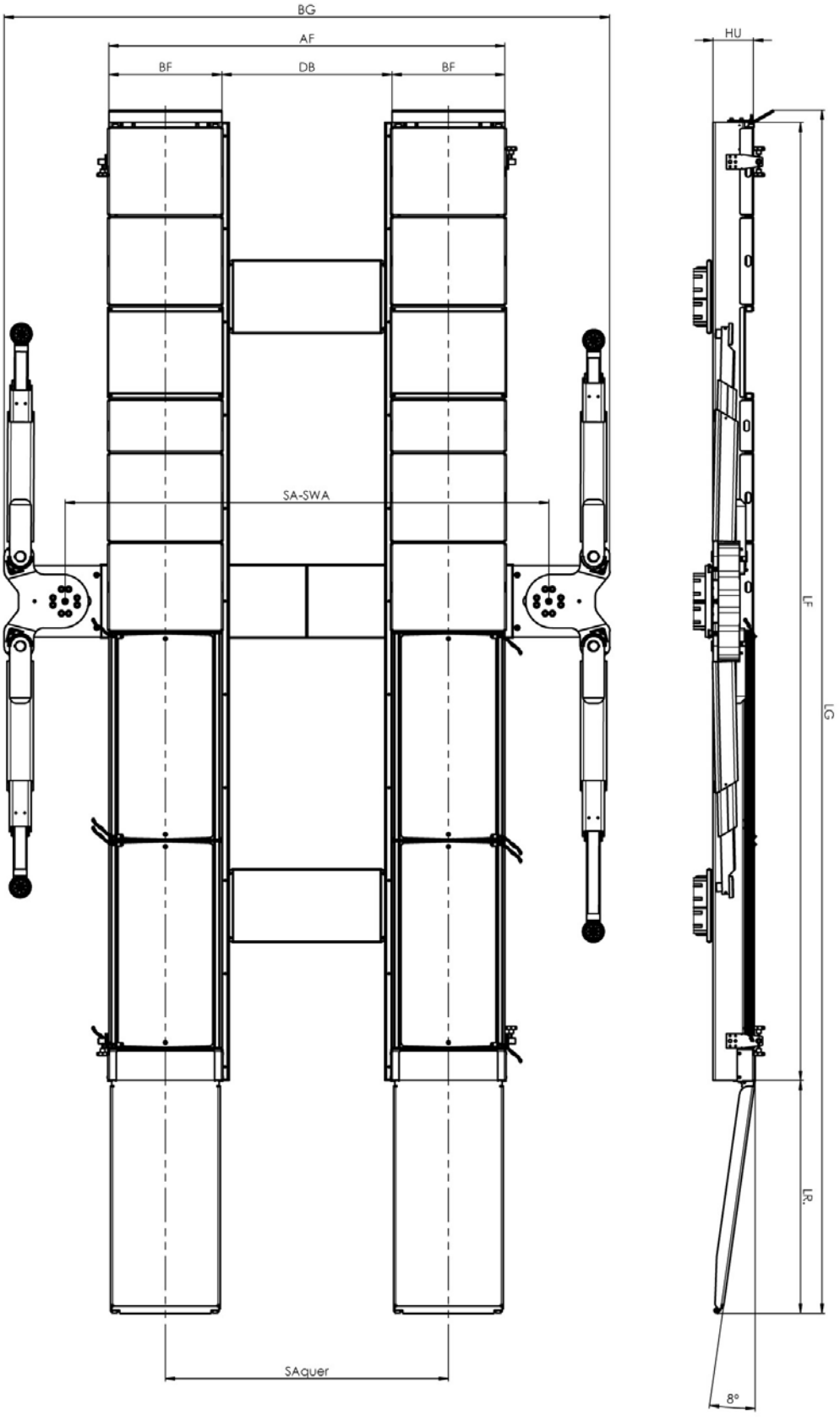
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2.3 Sample Nameplate

3 Transport and Storage

Check package to ensure it is complete, in accordance with the order confirmation. Report any transport damage to the carrier immediately.

During loading, unloading and transport always use suitable lifting equipment, material handling equipment (e.g. cranes, forklifts, etc.) and the right load handling attachments and slings. Always ensure that the parts to be transported are suspended or loaded properly so that they cannot fall, taking into account size, weight and the centre of gravity.

Store the packages in a covered area, protected from direct sunlight, at a low humidity and with temperatures between 0...+40 °C (32…104 °F). Do not stack packages.

When unpacking, take care to avoid any possibility of injury or damage. Keep at a safe distance when opening the package strapping, do not allow any parts to fall out.

4 Installation and Initial Operation

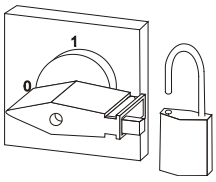
Installation and initial operation of the equipment may be done only by authorized and trained service technicians provided by the manufacturer, licensed dealers or service partners.

5 Operation

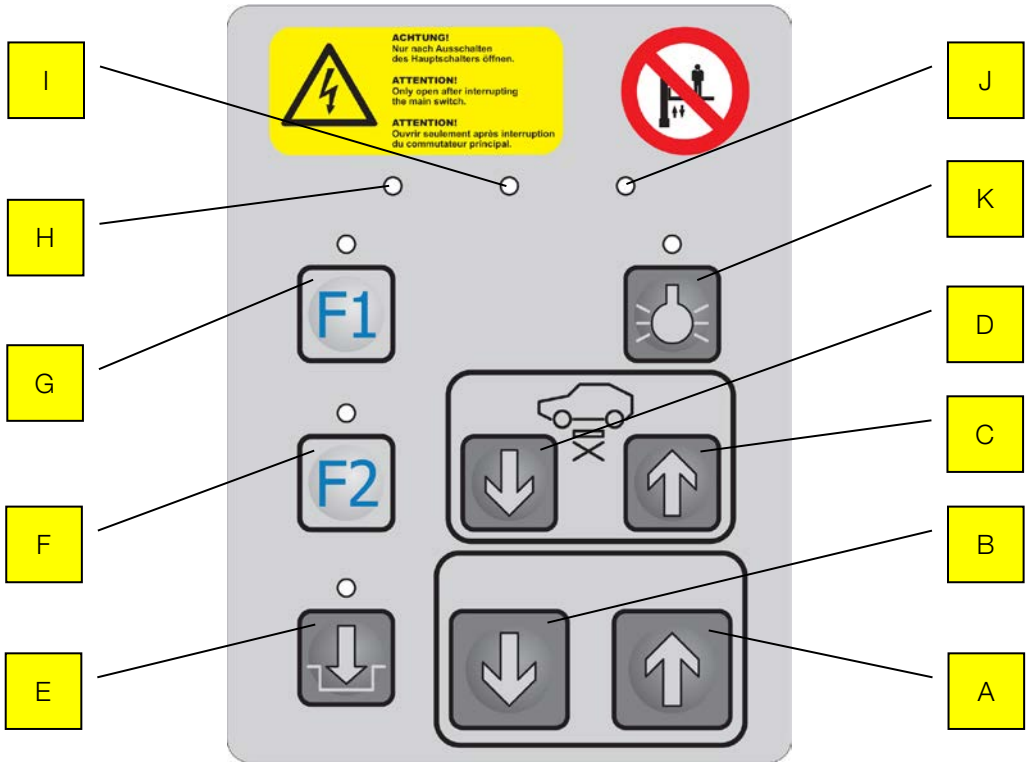
5.1 Main Switch

The main switch is used as emergency switch. In case of emergency turn it to position 0.

- Main switch in position 0: Power supply is interrupted
- Main switch in position 1: Lift is ready for operation
- When in position 0, the main switch can be protected against tampering by means of a padlock.



5.2 Controls and Indicators



	Function	Short Form
A	Raise lift	LIFT UP
B	Lower lift	LIFT DOWN
C	Raise wheel-free jack	WFJ UP
D	Lower wheel-free jack	WFJ DOWN
E	Latch On/Off *On (LED on): Wheel alignment mode, latch enabled* *Off (LED off): Normal mode, without latch*	LATCH
F	Function key 2	F2
G	Function key 1	F1
H	LED red (Malfunction or Error code); see below	
I	LED yellow (Warning or Error code); see below	
J	LED green (Ready for operation); see below	
K	Illumination On/Off *On (LED on): Illumination switches on when above CE safety stop, switches off when below* *Off (LED off): Illumination is always off*	

LED Code			Status / Notice / Error
RED	YELLOW	GREEN	
---	---	Lighting	Ready for operation
Lighting	Flashing 2x	---	Inputs (Key contact) internal
Lighting	Flashing 3x	---	Inputs (Key contact) external
---	Lighting	Lighting	Axle lift not in position
Lighting	Flashing 4x	---	Axle lift not in position, below CE Stop
---	Flashing 5x	Lighting	Ceiling light barrier
---	Flashing 6x	Lighting	Liquid level indicator
---	Flashing 7x	---	Emergency stop switch (Remote control)
Lighting	Flashing 8x	---	Motor temperature
Lighting	Flashing 9x	---	Switch monitoring "Lift fully raised"
Lighting	Flashing 10x	---	Switch monitoring "CE Stop"

5.3 Remote Control (Option)

Controls and Indicators

Same assignment as with stationary control unit (large version).

Emergency Stop

Emergency stop is enabled by pushing the red mushroom button.

5.4 Raising

→ Lift is in bottom position.

1 Slowly center the vehicle between the cylinders.

2 Apply the parking brake and use chocks to prevent the vehicle from rolling off.

3 Leave the vehicle and the danger zone around the lift.

4 To raise the lift, push and hold the RAISE LIFT button, until the desired lifting height is reached.

→ The lift movement stops when the button is released or the upper end stop is reached.

5.5 Lowering

1 To lower the lift, push and hold the LIFT DOWN button until the desired height is reached.

→ Before lowering, the lift briefly raises to disengage the locking latches.

→ While the lift is lowering, a warning signal sounds.

→ The lift movement stops when the button is released, the CE safety stop is reached or the lower end stop is reached.

2 To lower the lift to bottom position after reaching the CE safety stop, release the LIFT DOWN button and push it again.

→ While the lift is lowering to bottom position, a warning signal sounds.

3 Release parking brake, remove chocks and drive vehicle off the lift.

When lowering the lift to bottom position, push LIFT DOWN button until the LED of LATCH button lights up.

5.6 Wheel-Free Jack (Optional)

Preparation of scissor wheel-free jack

→ The vehicle must be placed centrally above the wheel-free jack.

1 The extensions of the wheel-free jack must be lifted on the handles and moved in such a way that they are under the vehicle points.

2 If necessary, place plastic pads under the vehicle support points.

Preparation of swing arm wheel-free jack

1 Lower the lift completely and swivel the support arms outside of the working area.

2 Position the vehicle in the centre of the lifting cylinder.

3 Secure vehicle from rolling (pull hand brake).

4 Bring the support discs under the support points specified by the vehicle manufacturer by swivelling and extending the support arms.

5 By turning the support discs adjust their heights in such a way that all four support points are reached at the same time when lifting.

6 Leave the vehicle and danger zone of the lift.

- Collision protection:
  If the swing arm wheel-free jack is on the same height as the runway, the lifting/lowering process is only possible with swing arms in outermost end position!
- Support arm lock monitoring:
  The lift/lowering process of the swing arm wheel-free jack is only possible with a locked support arm stop!

Lifting

1 First, only slightly lift the vehicle using the <WFJ UP> button and check the optimal contact with the support points as specified by the vehicle manufacturer. Then raise the vehicle to the desired height.

2 The lifting movement is stopped by releasing the button or when the top end position is reached.

Lowering

1 The wheel-free jack is lowered using the <WFJ DOWN> button.

2 The lowering movement is stopped by releasing the button or when the bottom end position is reached. An acoustic warning signal sounds during lowering.

5.7 Using Support Blocks

1 The support blocks are approved for usage on lifts with a rated load capacity of 3,500 kgs.

2 Always use four original MAHA support blocks of identical size and shape.

3 Do not use support blocks with cracks, broken-off pieces or other damage.

4 Check that all support blocks and rubber pads are free of oil, grease, dirt or debris.

5 Place the support blocks under the vehicle manufacturer‘s recommended lift points.

6 Note correct positioning of the support blocks.

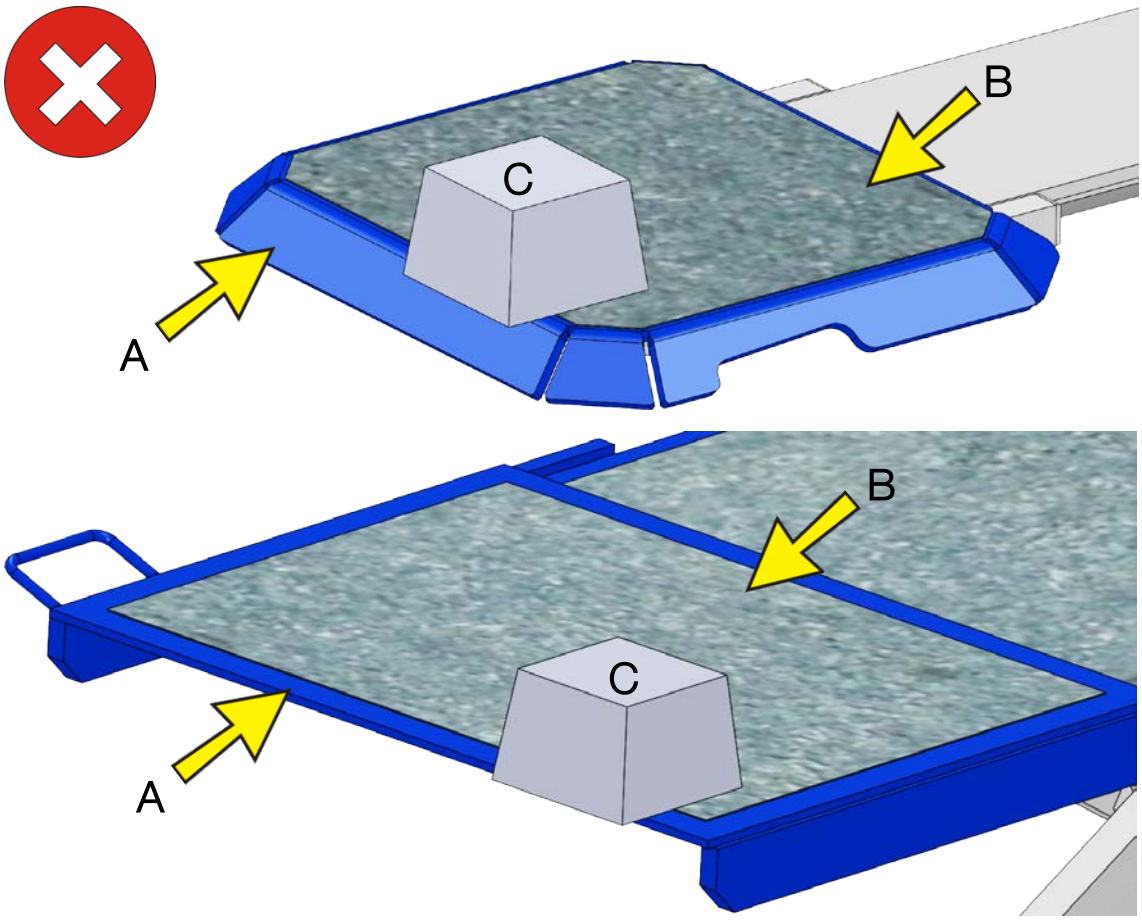
7 Raise the vehicle until the tyres clear the floor. Stop and recheck the lift supports for secure contact with the vehicle body.

The support block must be placed fully on the surface without extending byond the edges.

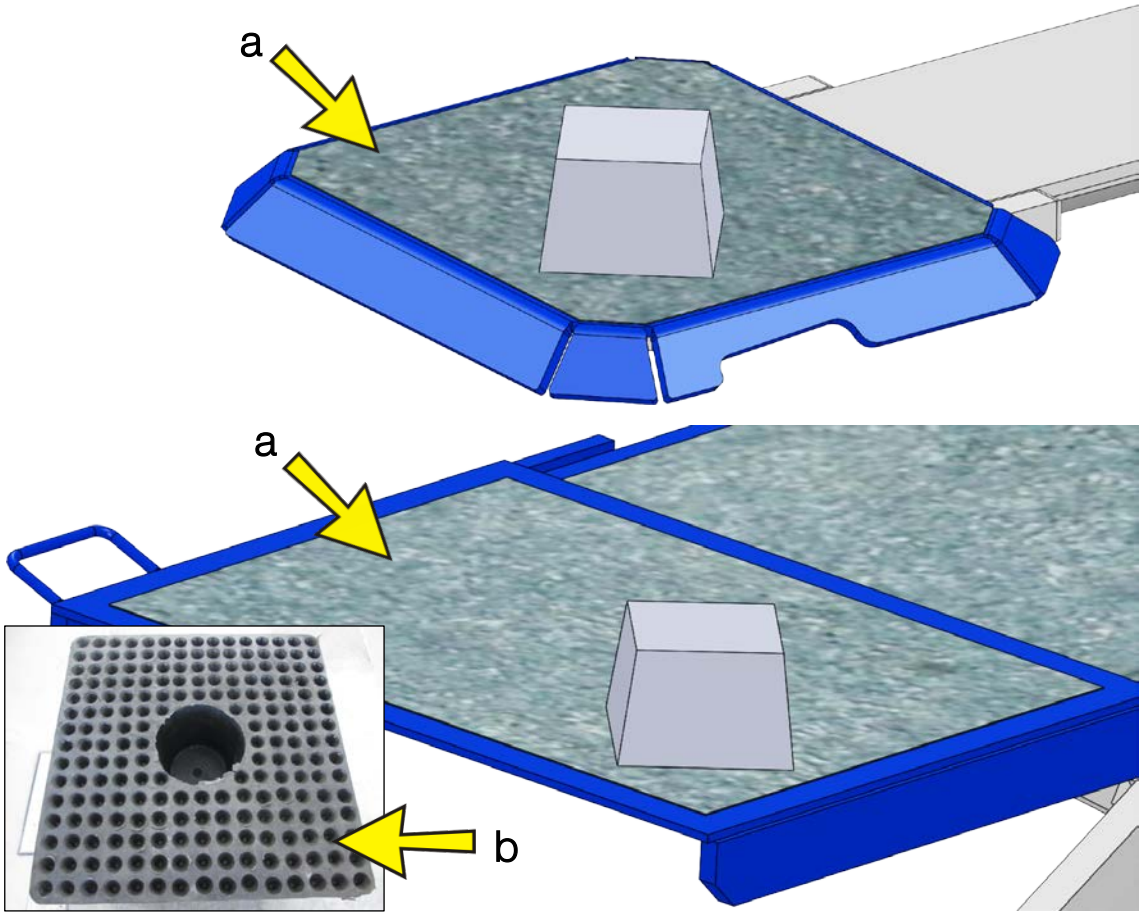
A Extension

C Support block

B Support surface; available are:
– Granulate coating
– Granulate foil
– Rubber plate

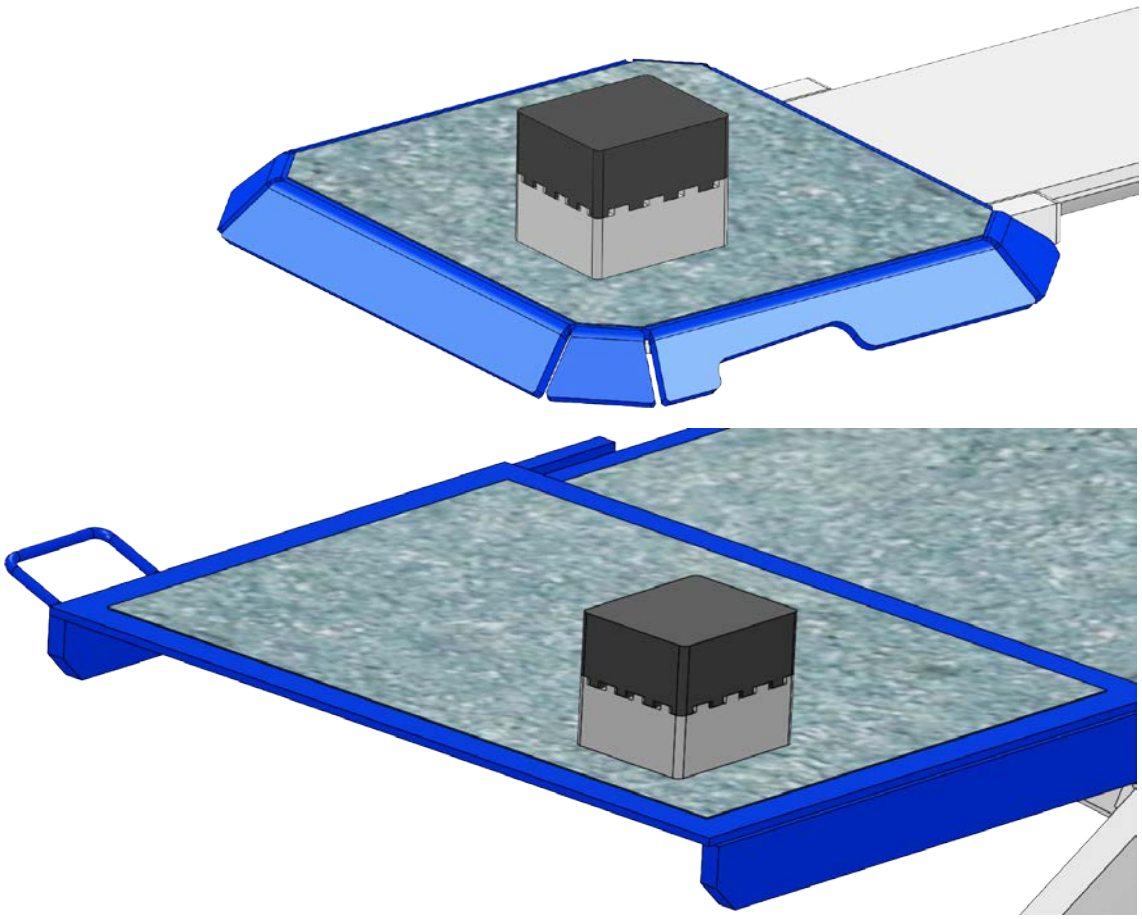


Diagonal positioning is permissible only with granulate coated surfaces (a). If knobbly pads are used, these must mesh with the support blocks (b).



5.7.1 Stacking Two Blocks on Top of Each Other

Only the “DUO“ hard rubber blocks (VZ 975074) and the ductile plastic blocks (VZ 970045) may be stacked on top of each other, but not more than two blocks per lifting point.



5.8 Wheel Alignment (Option)

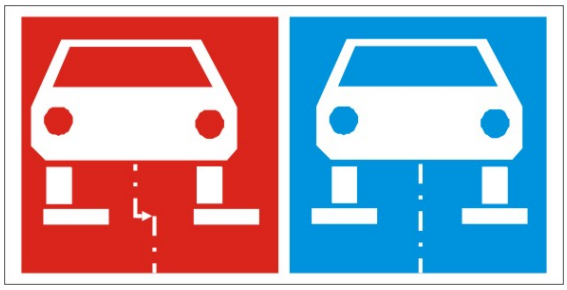
1 Push LATCH button until all four locking latches are in their engaged position.

→ Lift lowers up to 10 cm when latch engages the nearest mechanical lock.

2 Push LIFT DOWN button.

→ The lift briefly raises (approx. 2 sec) to disengage the locking latches. Then it is ready for normal operation.

Make sure to center the vehicle on the lift. Eccentric positioning may result in faulty measurement.



5.9 Automatic Roll-off Protection

After positioning the vehicle on the lift secure it against roll-off. Make sure the vehicle tyres do not contact the roll-off protection when raising or lowering the lift (see Fig.).

- After a tyre has collided with the automatic roll-off protection, immediately check it for proper function.
- If the functionality of the roll-off protection cannot be ensured or if it is impaired by the contacting vehicle tyre, the lift must not be lowered into bottom position.

5.10 Manual Lowering

Authorized personnel only! Do not restart the lift before the error has been remedied.

5.10.1 Electrical

A Plug block, 4-pin, or manual lowering

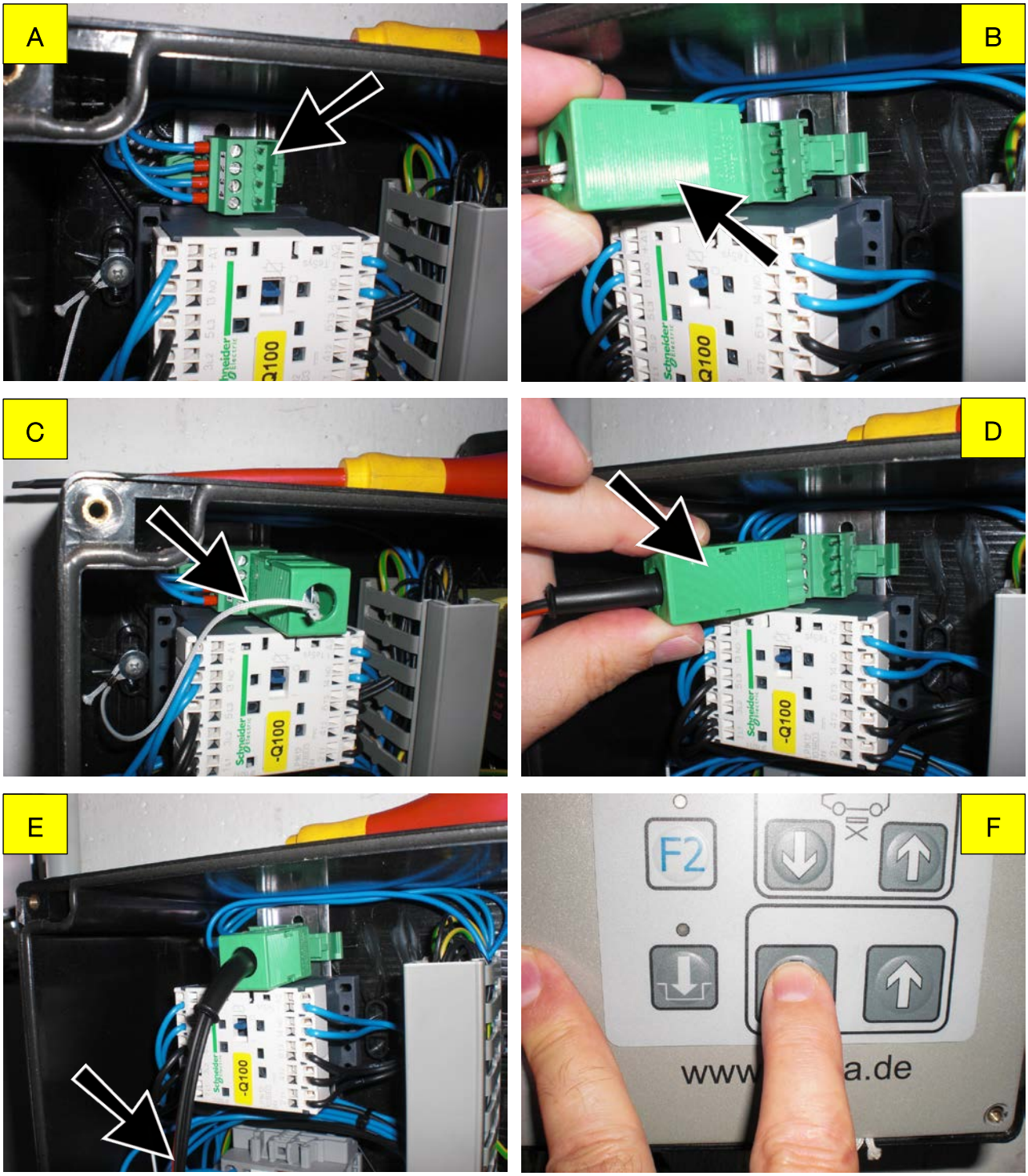
B Standard plug for normal operation

C Polyester cord for securing the standard plug

D In case of power failure, unplug the standard plug and plug in the emergency down cable plug.

E The other end of the cable is clamped with the alligator clamps to two car batteries (12 V) connected in series.

F The lift can be lowered via the control, the lifting floor and wheel-free jack are also lowered. Any existing measuring systems remain active.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5.10.2 Mechanical/Electrical: Lift with Wheel Alignment Function

Required tools and parts:

- Allen screw A/F 3 + 5
- 2x Combination wrench A/F 46
- Cable set 61 NOAB KA01

The lift version featuring wheel alignment is equipped with a mechanical locking system (Fig. A), i.e. the lift must be raised first before it can be lowered. To do this, the lock ladder must be unstressed before the electrical lowering can be performed:

1 Check that compressed air is present in the locking system.

2 Open and remove the four fastening screws at each lock ladder, remove the covers (Fig. B).

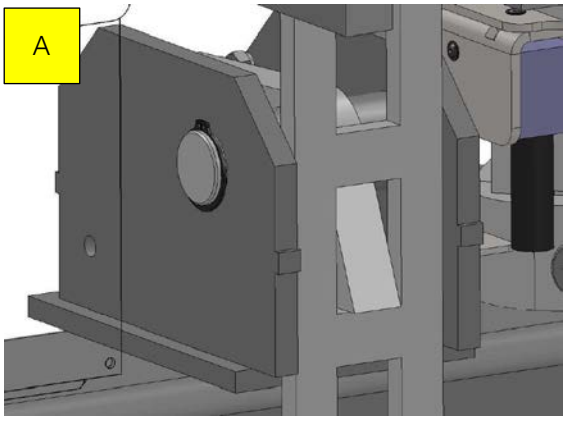
3 Open and remove the upper lock nut (Fig. C).

4 Open the nuts (by turning them anticlockwise) and lower the lock ladders 25 mm max. (Fig. D). View of lowered lock ladder (Fig. E).

5 Open the control cabinet and continue according to section "Manual Lowering / Electrical".

6 To lower the lift, push and hold button [LIFT DOWN]. The lowering movement starts with a delay of approx. 2…3 seconds.

Do not interrupt the lowering movement to prevent the latches from engaging the mechanical locks again. Otherwise go back to step 1.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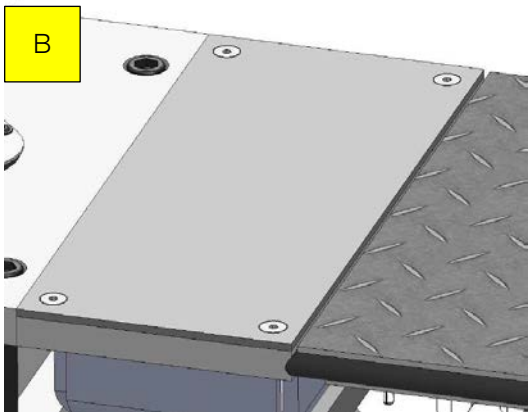
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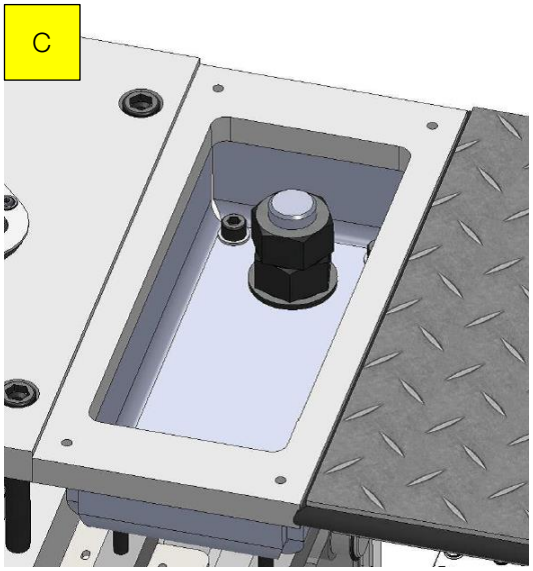
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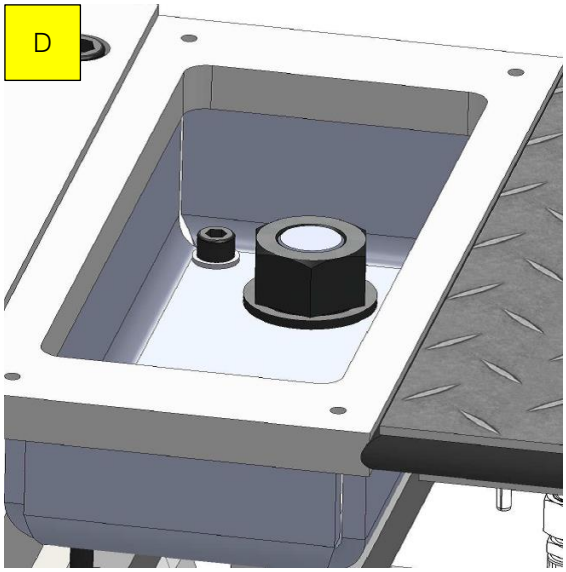
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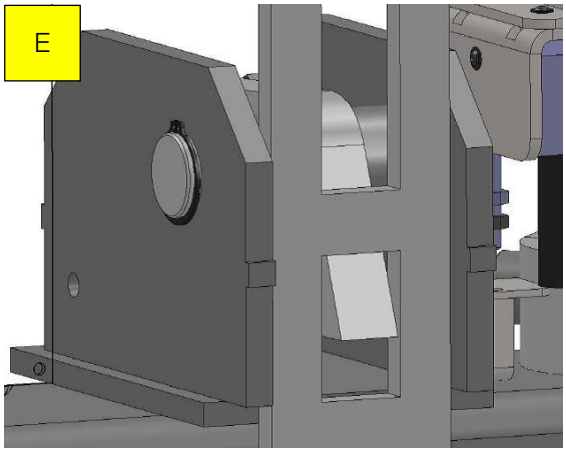
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5.10.3 Mechanical: Standard Lift

1 Remove the center cover from both power units.

2 Power unit C1: Open valves +C1-M4.A1 and +C1-M4.B1 carefully and simultaneously.

→ Lift lowers at lifting unit 1.

3 Close the valves after lifting unit has lowered 10 cm max.

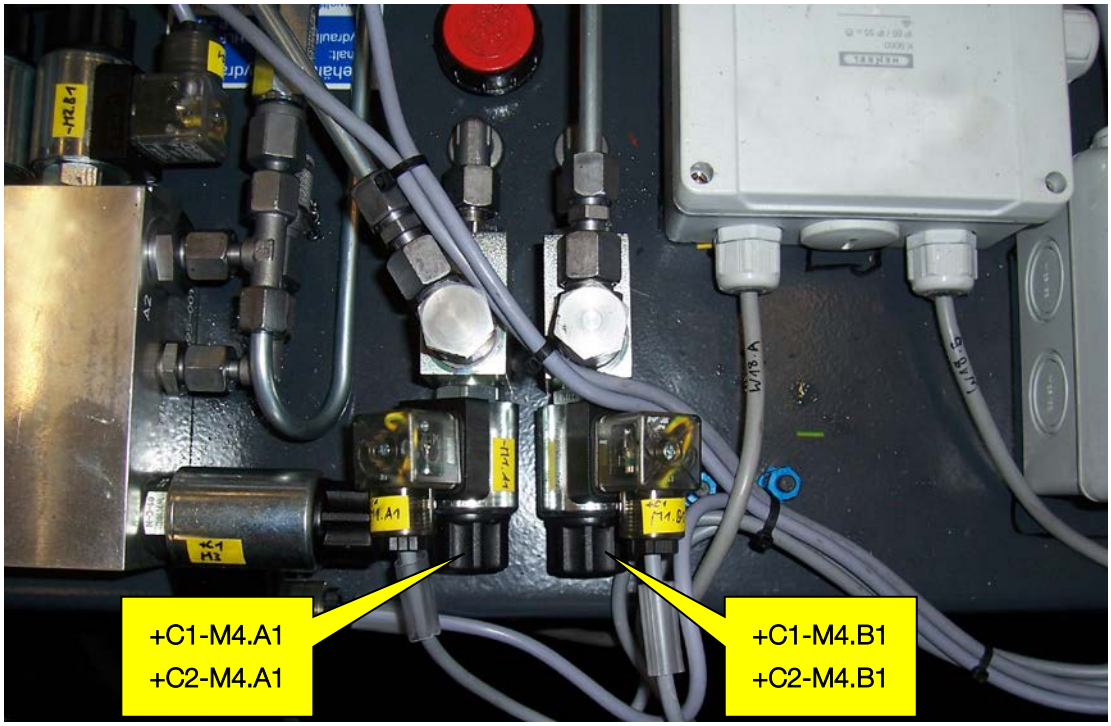
4 Power unit C2: Open valves +C2-M4.A1 and +C2-M4.B1 carefully and simultaneously.

→ Lift lowers at lifting unit 2.

5 Close the valves after lifting unit has lowered 10 cm max.

6 Repeat steps 2…5 until the lift is in bottom position.

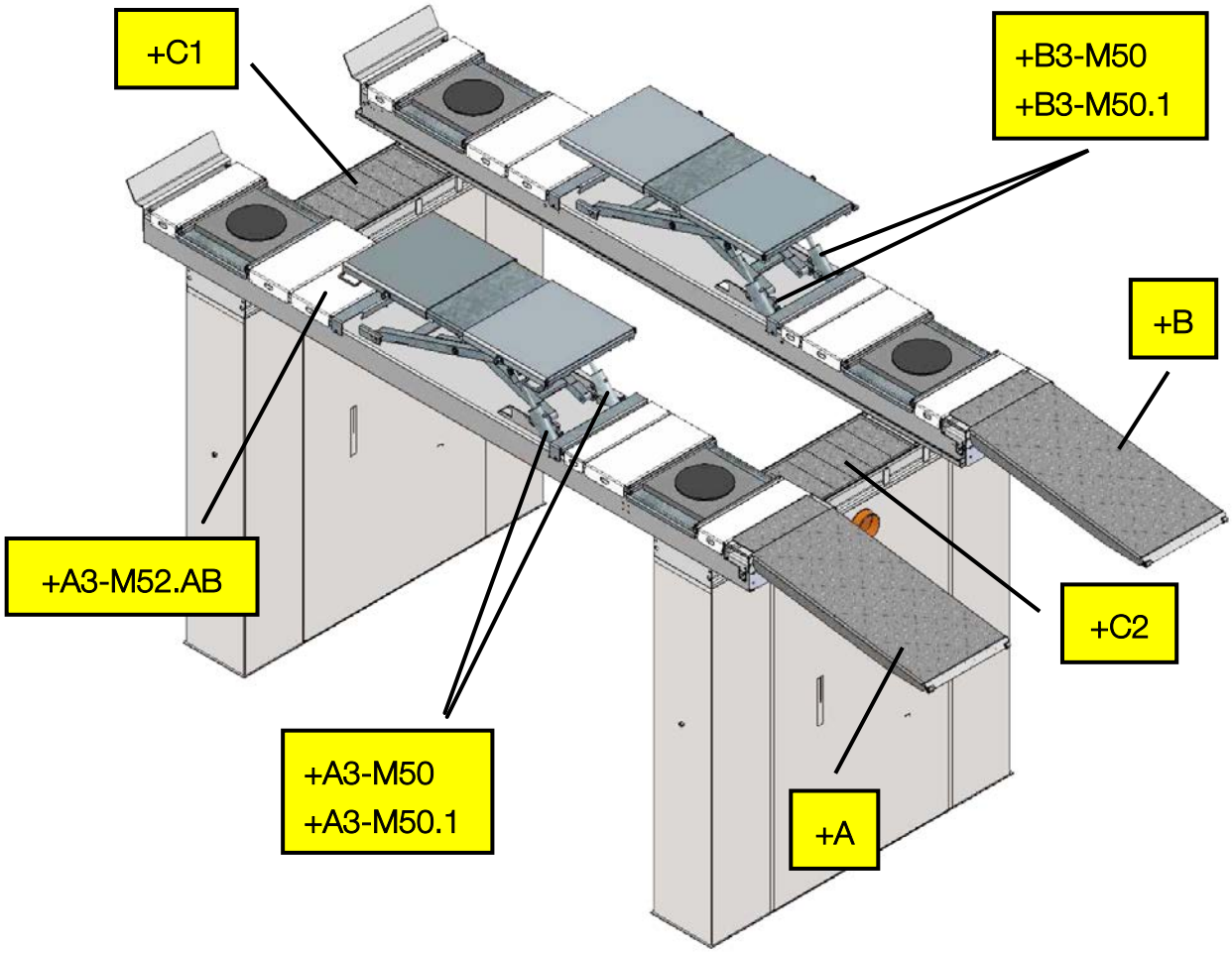
7 Close valves +C1-M4.A1 / +C1-M4.B1 / C2-M4.A1 / +C2-M4.B1.



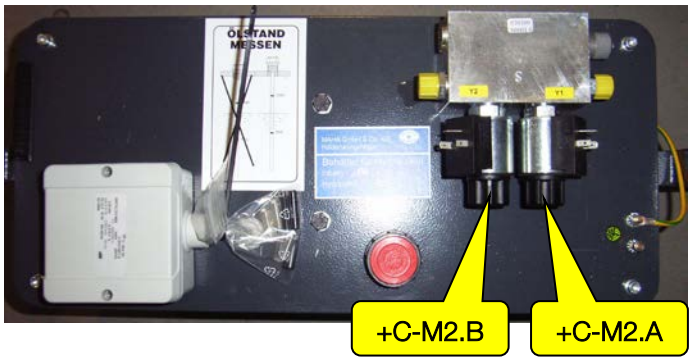
5.10.4 Mechanical: Scissor wheel-free jack

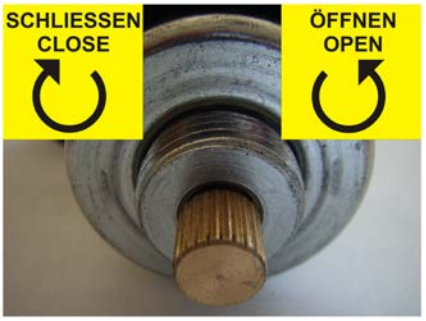
- The +A3-M52.AB valve is located on the magnetic valve block in the inside of driving platform +A.
- Valves +A3-M50 / +A3-M50.1 / +B3-M50 / +B3-M50.1 are located on the lifting cylinders of the wheel-free jack.

1 Close valves +A3-M50 / +A3-M50.1 / +B3-M50 / +B3-M50.1 to deactivate them.
2 Close valve +A3-M52.AB to deactivate it.
3 After error rectification, open the valves again to activate them.



5.10.5 Mechanical: Swing arm wheel-free jack





1 Remove the centre cover.

2 Open valve +C-M2.A.

→ One side is lowered by approx. 5 cm.

3 Open valve +C-M2.B. Leave the movement range of the lift and vehicle immediately!

→ The lift is lowered.

4 When the lift has been lowered completely, close +C-M2.A and +C-M2.B.

6 Maintenance

Danger! Electric shock hazard!

Before doing any maintenance work, turn off the main switch and protect it against tampering.

6.1 Annual Inspection

- The maintenance interval prescribed by the manufacturer is **12 (twelve) months**. This maintenance interval refers to normal workshop usage. If the equipment is used more frequently or under severe operating conditions (e.g. outdoors), the interval must be reduced accordingly.
- Maintenance work shall be done only by authorized and trained service technicians provided by the manufacturer, licensed dealers or service partners.
- In case of non-compliance the manufacturer's warranty becomes void.

6.2 Maintenance Schedule

Frequency	Servicing points	Procedure
3 months	Hydraulic system	Check oil reservoir, refill if necessary.
		Check the hydraulic system for leak-tightness.
		Check the power unit for unusual noises - during operation. Check that the fixing screws are tight.
6 months	Hydraulic oil	Check for contamination / ageing, replace if necessary.
	Support arm extensi-ons	Check for ease of movement, lubricate if required.
	Support discs	
12 months	General inspection	Check all components for damage.
6 years	Pressure hoses	Replace pressure hoses.

6.3 Care Instructions

- Periodically clean the equipment and treat it with a care product.
- Repair damage to the paintwork immediately to prevent corrosion.
- Usage of caustic cleaning agents or high pressure and steam jet cleaners may lead to equipment damage.
- Prevent moisture from entering the installation box.

Regular care and maintenance is the key condition for functionality and long life expectancy of the equipment!

6.4 Checking the Fluid Level

- Replace the hydraulic fluid periodically, depending on aging, soiling and water absorption.
- When topping up, use fluid with the same specification only.
- If the lift is operated permanently at an ambient temperature of < 15 °C (59 °F), use hydraulic fluid with a lower viscosity.
- The pressure hoses should be replaced as required, but after six years at the latest.

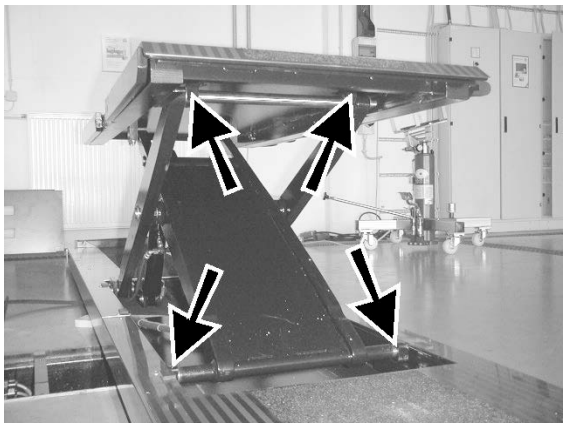
1 Fully lower the lift and any accessory equipment.
2 Remove the center cover.
3 Remove the filler screw at the hydraulic power unit.
4 When checking the fluid level using the dipstick, do not screw in the filler screw. The fluid level should be between the top and bottom level marks.
5 Refill fluid with HLPD 22 / HLP 22 (biodegradable) specification. Capacity is indicated on the reservoir.
6 Completely screw in the filler screw.

Depending on version, the lift is equipped with two or three hydraulic power units.

6.5 Greasing Points

6.5.1 Scissors-Type Wheel-Free Jack

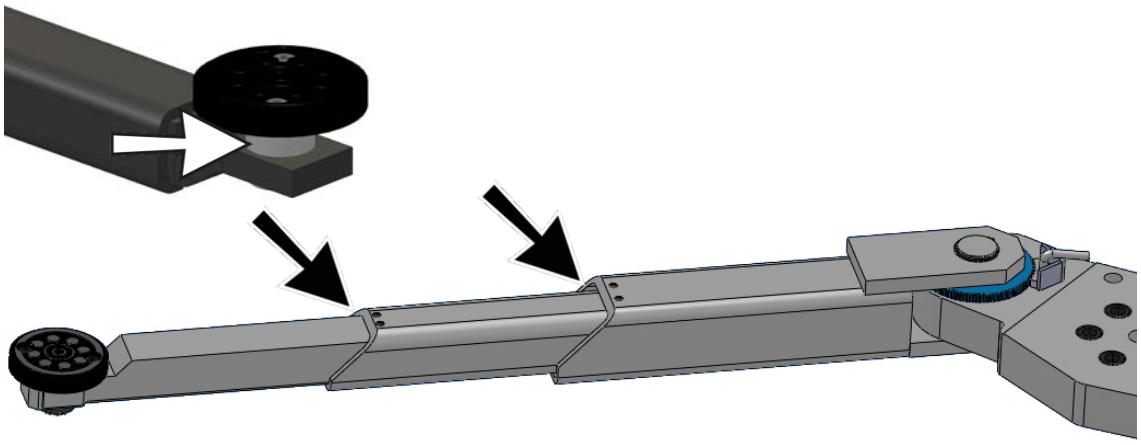
Monthly clean and lightly lubricate the slide tracks on the lift runways and on the bottom side of the wheel-free jack plate.



6.5.2 Swing Arm-Type Wheel-Free Jack

Every six months

- check the support arm extensions for smooth operation; grease as required.
- check the threads of the disc adapters for smooth operation; grease as required.
- check the rubber pads for wear; replace defective pads.



6.6 Spare Parts

To ensure safe and reliable operation, only use original spare parts supplied by the equipment manufacturer.

6.7 Troubleshooting

Error	Diagnosis	Remedy
Lighting between runways does not burn.	Fuse F2 defective.	Replace fuse F2 .
Lift cannot be fully raised.	Low fluid level.	Check fluid level, top up as required.
Lift shows jerky movements.	Air in hydraulic system.	Bleed cylinders.
Lift does not respond.	Main switch off.	Turn on main switch.
	Emergency stop switch of remote control actuated.	Unlock emergency stop switch.
	Mains fuse blown.	Replace mains fuse.
	Primary fuse F1 of power supply -T1 blown.	Replace fuse F1.
	Secondary fuses of power supply -T1 blown.	Replace fuses.
	Ceiling light barrier +D-B1 (optional) dirty.	Cautiously clean light barrier.
Motor runs, but pressure build-up insufficient to raise lift.	Pressure relief valve set too low.	Contact service.
	Hydraulic system leaking.	Remove leakage, contact service.
	Low fluid level.	Check fluid level, top up as required.
	Vehicle too heavy.	Reduce load, observe rated load capacity.
Lift with pneumatic floor cover and axle jack cannot be fully lowered.	Axle jack is not in rest position.	Move axle jack to rest position.
	Position switch for axle jack defective or maladjusted.	Contact service.

7 Service Lifetime

In its standard version, this product is designed for 22,000 load cycles based on EN 1493. The maximum period of normal use in relation to the possible product life expectancy shall be evaluated and scheduled by a qualified person during the annual safety inspection.

8 Dismantling

Decommissioning and dismantling of the equipment may be done only by specially authorized and trained personnel provided by the manufacturer, licensed dealers or service partners.

9 Disposal

Pay attention to the product and safety data sheets of the lubricant used. Avoid damage to the environment. Should a disposal of the device be necessary it must be done in adherence with locally applicable legal regulations regarding environmental protection. Remove all materials properly sorted out and bring them to a suitable waste disposal service. Collect operating materials such as grease, oils, coolant, solvent-based cleaning fluids etc. in suitable containers and dispose of in an environmentally protective manner.

Alternatively, you may take the equipment to a specialised waste management plant to ensure that all components and operating liquids are properly disposed of.

10 Contents of the Declaration of Conformity

MAHA Maschinenbau Haldenwang GmbH & Co. KG

herewith declares as a manufacturer its sole responsibility to ensure that the product named hereafter meets the safety and health regulations both in design and construction required by the EC directives stated below.
This declaration becomes void if any change is made to the product that was not discussed and approved by named company beforehand.

Model:	VS SQUARE II; QS 50 / 55 / 65
Designation:	Four Post Inground Lift; Rated Load Capacity 5000/5500/6500 kg
Directives:	2006/42/EC; 2014/30/EU
Standards:	EN 1493; EN 60204-1

11 Company Information

Document

Document No.: BA322501-en
Approval Date: 2017-01-17

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