# Appendix 02 to Instruction Manual BL106



# **Construction hoist**

For the transport of material and persons

Special feature: Assembly after truck transport



# **Table of Contents**

1	Ge	General Information		
2	Rai	ising the car and mounting the protective buffers	4	
	2.1	Raising the car	4	
	2.2	Activate put down appliance	5	
	2.3	Opening the base enclosure	7	
	2.4	Mounting the impact buffer	7	

# 1 General Information

These instructions present a supplement to the Assembly and Operating Manual BL106 (MULTILIFT P6).

For transport on a closed truck, the protective buffers on the foot section must be removed and the car lowered carefully onto car supports (wooden blocks) on the foot section.

After transport in a closed truck, the car must be raised and the protective buffers mounted to the foot section.

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# 2 Raising the car and mounting the protective buffers

# 2.1 Raising the car

#### **CAUTION**

#### Guiding roller moves out of the base mast

Raising the car is only possible when **two mast sections** were first mounted on the base mast.

The drop test control is inserted into the plug-connection (7) in the switch box of the car control.

➤ Remove the dummy plug at the plug-in device (7).

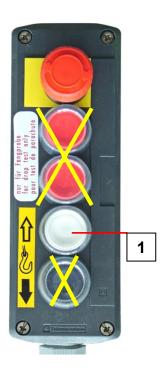


➤ Insert the car control into the plug-in device (7).



#### **Drop test control**

- From outside the car, push the UP button (1).
  Now the car will move out of the EMERGENCY LIMIT position.
- ➤ Move the car approx. 2 m up above the put down appliance.



#### CAUTION

The **UP** button (1) must be pressed because this control bridges the emergency limit switch. If the red drop test control buttons or the **DOWN** button are pressed by accident, the motor brake will release and the motor can drop hard onto the foot section (risk of damage).

➤ Unplug the drop test control and insert the dummy plug again.

# 2.2 Activate put down appliance

When working within the base enclosure, the put down appliance must be activated to protect assembly personnel. The put down appliance prevents descent of the car below the approx. 2 m safety height.

> Turn off the main switch on the ground switch box and secure it with a padlock against switching on.

The cable box cover (3) must be turned away to activate the put down appliance.

Push the cover (3) up and then pivot it to the side.





#### CAUTION

The setting lever is accessed by reaching through the cable box.

- > Push up the setting lever (2) and raise to release.
- > Using the setting lever (2), push the put down appliance to the car side of the mast.





When the car is located above the enclosure and is secured, the base enclosure can be opened.

# 2.3 Opening the base enclosure



#### WARNING

#### Danger to life

Working / loitering under the car is only permitted once the put down appliance has been activated. Close the enclosure after the work is complete and remove the put down appliance.

Loosen the screws on the fastening latches and remove the element of the base enclosure.



# 2.4 Mounting the impact buffer



The base enclosure must be opened to mount the protective buffer.



# $\triangle$

#### **DANGER**

### Danger to life

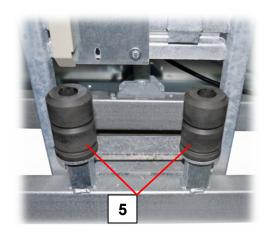
Crushing by the car.

The put down appliance must be activated while working inside the enclosure.

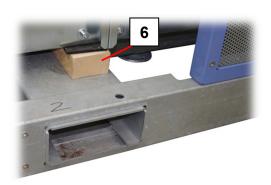
The main switch must be switched off and secured against reactivation.

➤ The protective buffer (5) must be mounted to the foot section.

For each protective buffer 1 x cylinder screw M10x30 8.8 1 x spring washer A10



Remove all car supports (6).



- > After working inside the enclosure, close the latter again with the element of the base enclosure.
- > Pull out the setting lever again and swivel it downward.
- > Swivel the cover (3) back and push it downward.



The control function is interrupted if the put down appliance is activated.

The setting lever (2) must be returned to the vertical position after maintenance tasks.

- > Remove the padlock from the main switch then switch it on.
- ➤ Use the assembly control to move the car to the ground station.