



ELEVEX

INSTALLATION MANUAL





Installation Manual

„Elevex“

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1 INTRODUCTION

The installation team must have basic knowledge in the following areas:

- Mechanical knowledge
- Working on electrical systems

The following points must be observed before installation:

- A complete toolbox for mechanical and electrical work is required
- Check the package for damage and missing parts upon arrival. Take photographs of any damaged parts as soon as you notice them in order to maintain the warranty.
- A team of 2 qualified technicians is required to install the lift.

The following tools are required:

- Tool kit
- Measuring device



Fig. 1.1 – Tool kit

2 POSITION THE LIFT

Step 1: Unpack the lift and check it for damage. Remove the Velcro fasteners.



Fig. 2.2 – unpack the unit

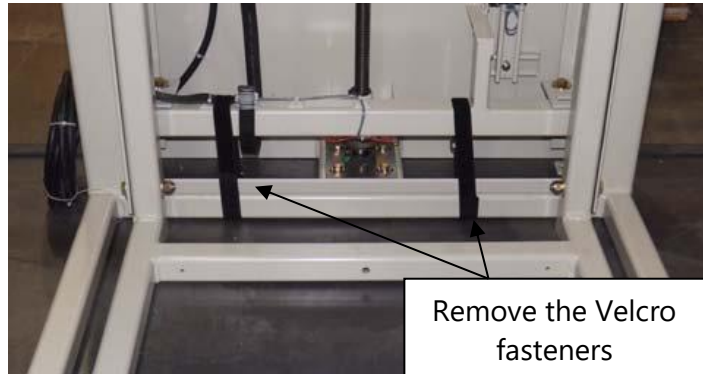


Fig. 2.1 – Remove the Velcro fasteners

Step 2: Set up the lift. Position the lift so that there is sufficient space between the upper stop and the platform. Check that the lift is upright and secure.



Fig. 2.3 – position the unit on the correct place

3 INSTALLATION

Step 1: Check that the lift is in the correct position and secure it to the specified anchor points using anchor bolts. Then remove the cover from the control box.

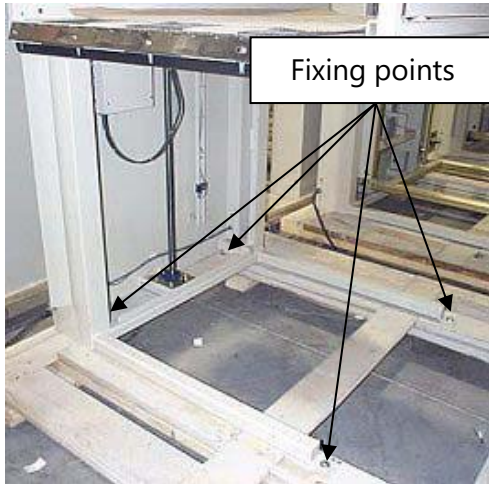


Fig. 3.1 – fixing points

Step 2: Remove the black contact floor on the back of the platform base.

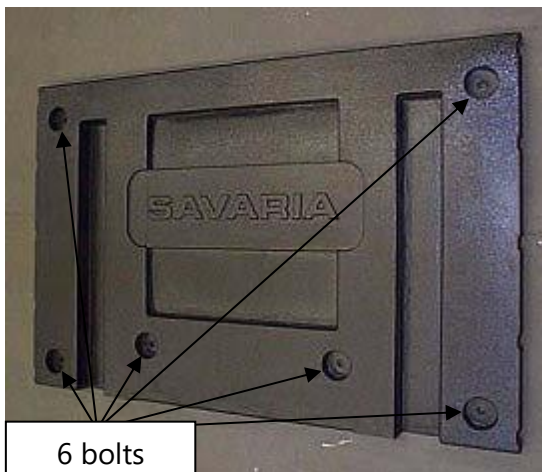


Fig. 3.2 – remove contact floor

Step 3: Open the 2-pin cable and feed it out. This will later be connected to the flat plug.

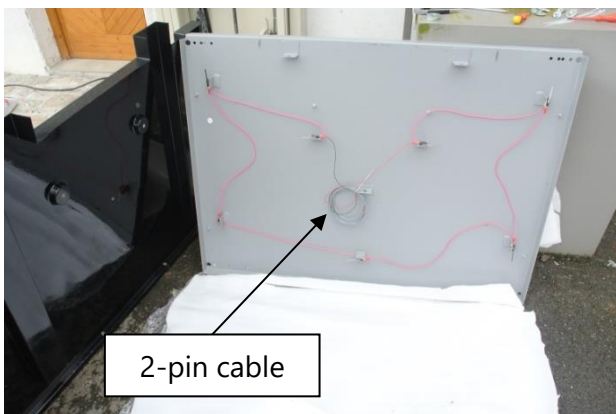


Fig. 3.3 – open the 2-pin cable

Step 4: Lift the platform floor onto the lifting device. To avoid pinching the wires of the contact switches, feed them through the pre-drilled holes. Then secure the platform with screws.

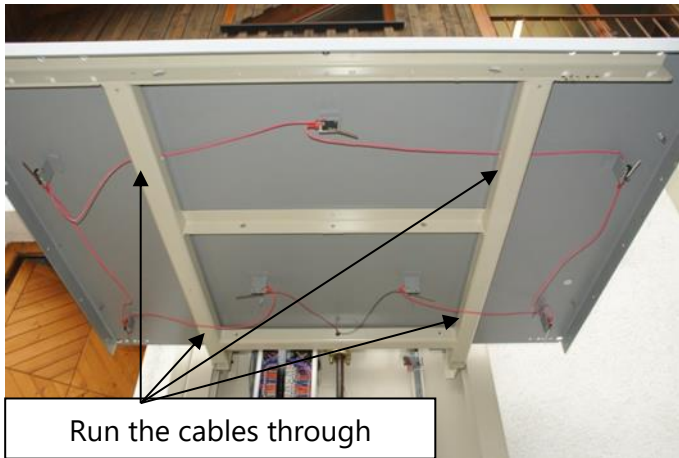


Fig. 3.4 – fix platform

Step 5: Connect the 2-pin cable with the flat plug in the side panel of the tower. To do this, remove the red clip on terminals 10 and 11 as shown in the circuit diagram and connect the 2-pin cable.

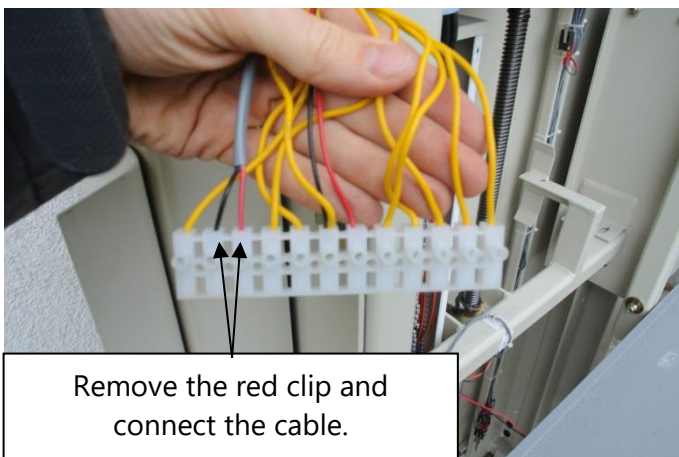


Fig. 3.5 – cable connection

Step 6: Hook the control panel into the tower and then screw it onto the underside of the platform and onto the top of the fork.



Fig. 3.7 - Hook in side panel



Fig. 3.6 - Secure with screws

Step 7: Position the control panel on the control panel and the cover on the rear. Then secure it at the corners. Next, connect the flat plug on the control panel to the flat plug in the side wall of the tower.

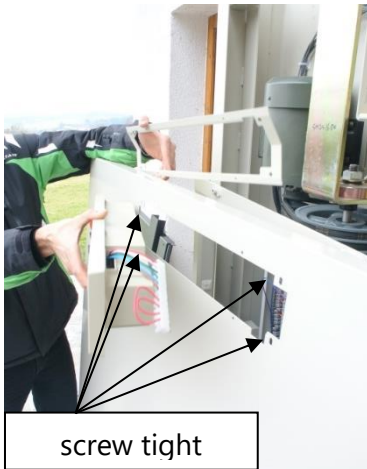


Fig. 3.8 - screw tight

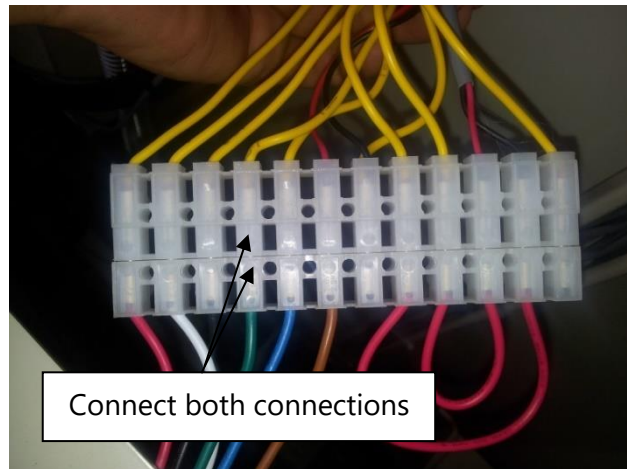


Fig. 3.9 - Connect both connections

Step 8: The outer side wall opposite is attached using the 2 flat irons supplied. To do this, place both flat irons on the right and left ends of the side wall rail. Then secure the flat irons with Allen screws so that the screws later protrude through the holes in the platform floor.



Fig. 3.11 - Place the flat iron in the rail.

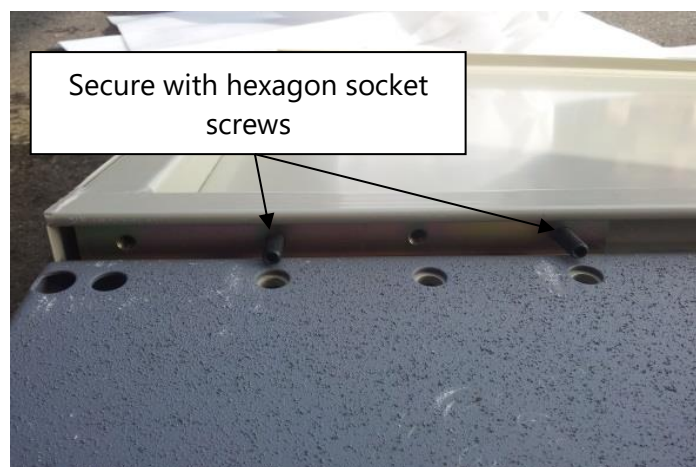


Fig. 3.10 - Secure with hexagon socket screws

Step 9: Place the side panel upright and secure it to the underside of the platform floor with nuts.



Fig. 3.12 - Fasten nuts to the underside of the platform

Step 10: Attach the access ramp to the platform floor. Then attach the guide roller to the ramp and adjust it to suit the surface.



Fig. 3.14 – fix ramp

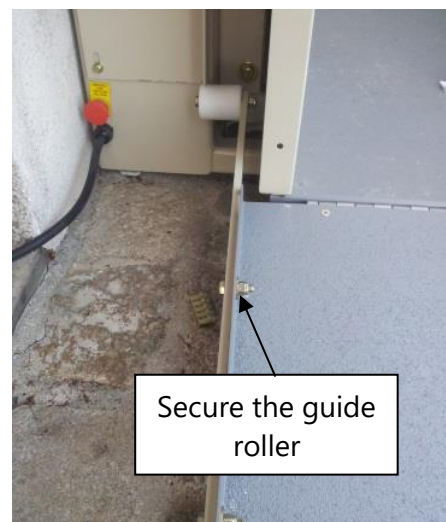


Fig. 3.13 - Secure the guide roller

Step 11: Reattach the black contact base to the underside of the platform and attach the black cover to the top of the tower. If a door is planned for the upper stop, attach it to the edge of the upper stop.

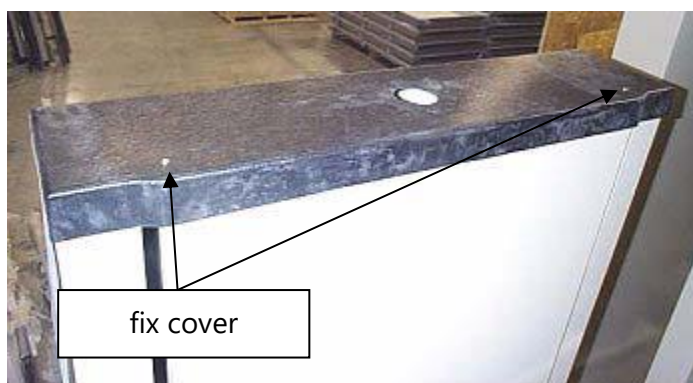


Fig. 3.15 – fix cover

3.1 Wiring the upper door

Step 1: Strip approx. 8 cm of insulation from the wires of the cable on the upper door.

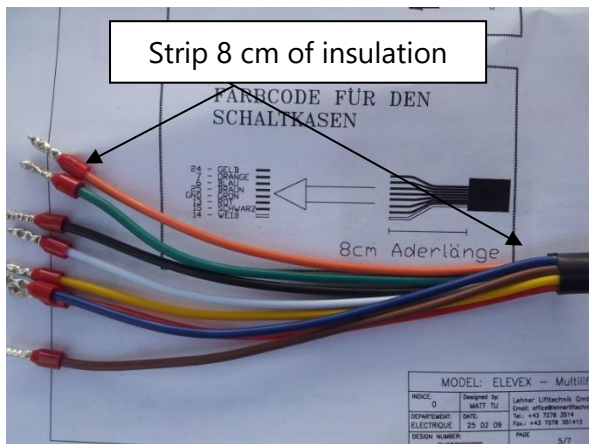


Fig. 3.16 - strip wires

Step 2: Run the cable to the switch box and connect it as shown in the wiring diagram.

clamp 6	blue
clamp 7	orange
clamp 13	red
clamp 14	white
clamp 15	black
clamp 24	yellow
clamp 25	brown
clamp GND	green

Table 3.1 - Labelling terminals

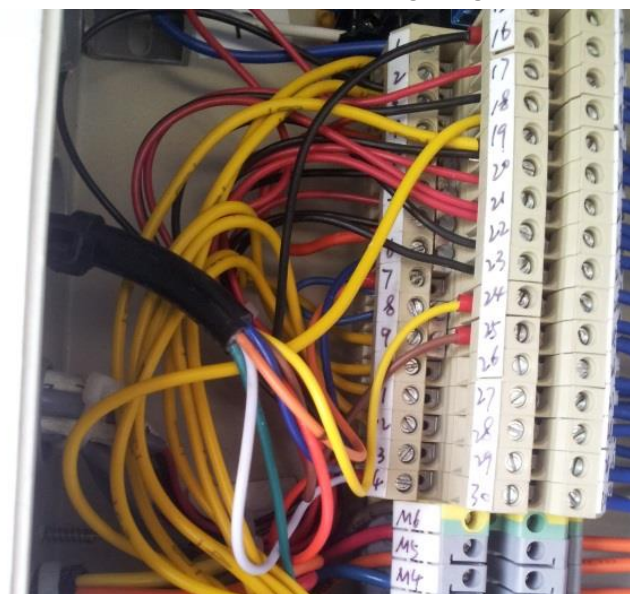


Fig. 3.17 - cabling

3.2 Wiring the call stations

Step 1: Connect the call stations to the switch box using two cables, as shown in the circuit diagram.

clamp 13	Key switch
Clamp 14	UP command
Clamp 15	DOWN command

Table 3.2 - Labelling terminals

Step 2: Reattach the cover to the switch box.

3.3 Wiring the platform door

Step 1: Strip approx. 8 cm of insulation from the wires of the cable at the platform door.

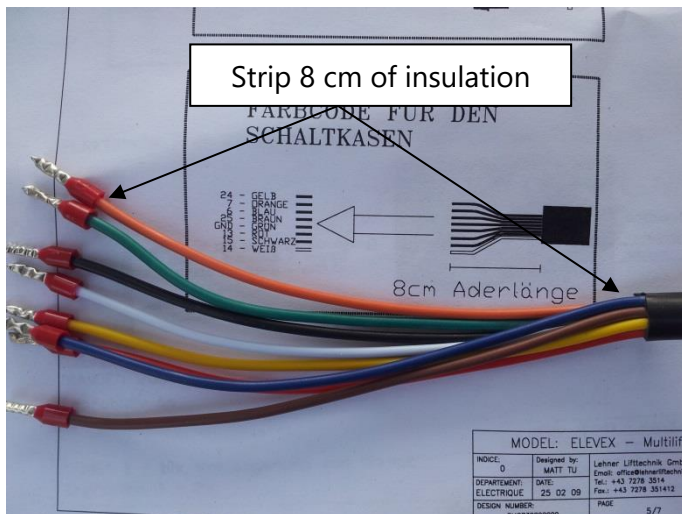


Fig. 3.18 – strip wires

Step 2: Remove 3 wire bridges in the terminal box:

Door on platforme

Wiring during installation

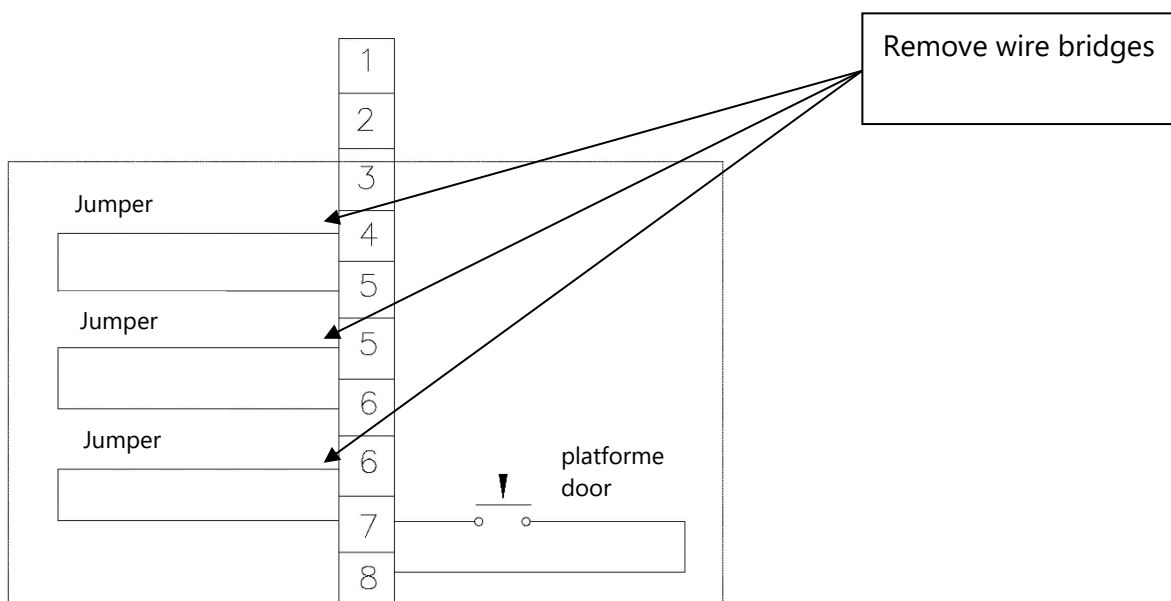


Fig. 3.1 - Remove wire bridges

Step 3: Run the cable to the switch box and connect it as shown.

clamp 8	orange
clamp 7	blue
clamp 13	red
clamp 14	white
clamp 15	black
clamp 25	brown
clamp 26	yellow
clamp GND	green

Table 3.3 - Labelling terminals

Step 4: Lay the connection cable from the terminals to the door. Tie the connection cable together with the drag chain and lead it to the platform:

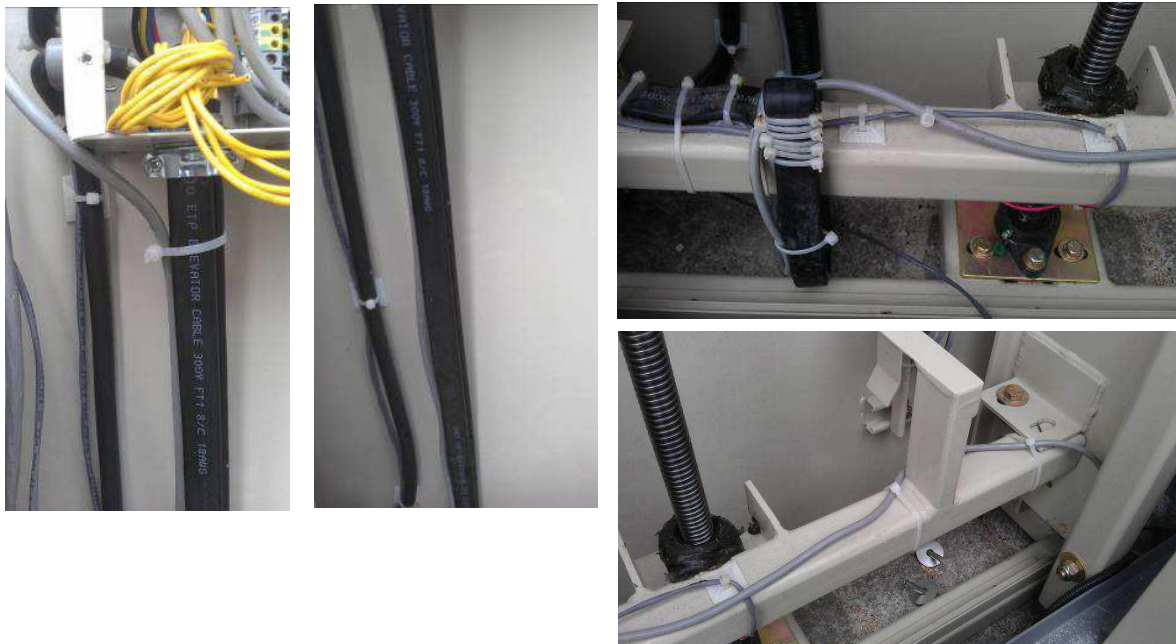


Fig. 3.19 – cable connection

Lay under the contact base up to the hole closest to the lock.



Fig. 3.20 - Laying connection cables

Drill out the hole through which the cable is fed using an 8 mm drill bit so that it can be pulled through easily and is not damaged.



Fig. 3.21 - Pull in the connection cable