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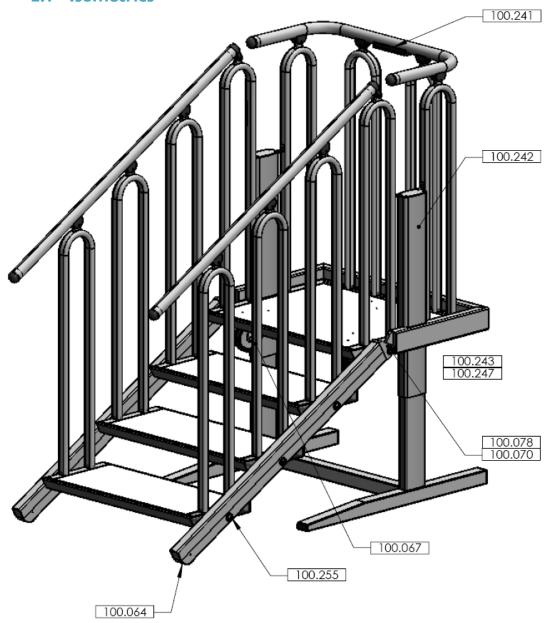


I. Connection

Before using the StairTrainer place it on a flat, level surface with sufficient space around. Connect the power cable at the right voltage: 230V/50 Hz 10A.

2. Isometrics and Spare Parts List

2.1 Isometrics





2.2 Spare Part List

The following spare part list is a guidance to a minimum stock level for all Liftup Distributors:

Spare part no	#	Description
100.242	I	Lifting column (incl. actuator) f/ StairTrainer
100.241	I	Control panel f/ StairTrainer ¹
100.262	I	Crimp tool for RJ-45 connectors
100.263	I	Connector RJ-45 (10 pcs.)
100.243	I	Power supply f/ StairTrainer
100.067	3	Turnable castors
100.064	2	Castor f/ step frame profile
100.070	5	Bushing f/ step frame profile
100.255	5	Mounting assembly kit f/ steps
100.078	5	Bushing f/ step frame profile (\emptyset 38 x 15 x 5 mm – brass)
100.247	2	Flex cable f/ StairTrainer
100.245	5	50x50 plastic plug
101.671	5	Plug for railguides ø40 semicircular
101.871	5	Plug 50×25

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¹ When mounting new Control Panel – Use cable threader, a new RJ-45 connector and matching crimp tool.



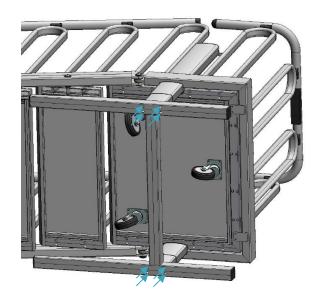
3. Service and Maintenance

3.2 Changing Parts

3.2.1 Floor frame

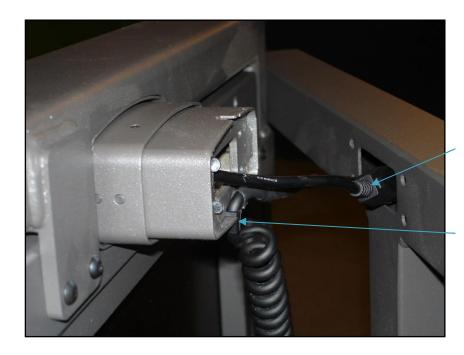
Lower the StairTrainer to bottom level. Tilt the StairTrainer over to one side.

Dismantle the floor frame by unscrewing 8 pcs. M6 as shown below:





The connectors are placed inside the floor frame profile:



Connectors inside the profile.

Spiral cable must be fixed to profile.

Assembly: 8 pcs. M6 screws are replaced through the floor frame profile.



IMPORTANT!

Do not squeeze the cables when attaching the floor frame to the lifting column.

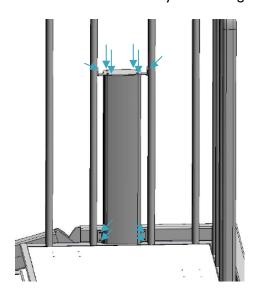


3.2.2 Lifting Column (100.242)

Dismantle the Floor Frame. See 3.2.1 "Floor frame".

Unplug the two connectors.

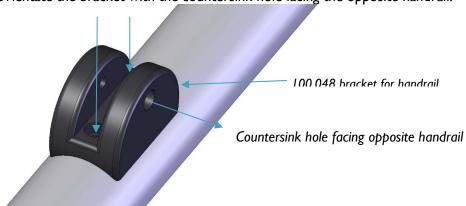
Dismantle the Cover Plate by unscrewing 4 pcs. M6 screws and 2 pcs. M5 screws.

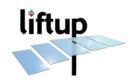


Unscrew 4 pcs. M5 screws on the bottom part of the Lifting Column The Lifting Column is carefully removed from its position Place the new Lifting Column in the same position. Reposition the Cover Plate and fit the 10 screws again. Re-assemble the Floor Frame as described in sect. 3.2.1"Floor frame".

3.2.3 Bracket for handrail (100.048)

The bracket for handrail is mounted on the handrail with 2 pcs. M5x20 DIN912. Orientate the bracket with the countersink hole facing the opposite handrail.





3.2.4 Control Panel

Unscrew 2 pcs. screws placed underneath the control panel:

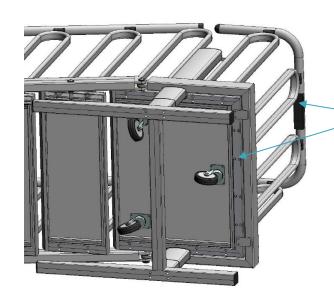


Cut off the RJ-45 connector on the cable to the control panel near the power supply (use the connector as guide to fit a new connector later):



Cut off the cable near the control panel. Use the used cable to thread the new control panel cable through the steel profile.





Note! Attach cable to profiles

Fit a new RJ-45 connector on to the new control panel cable. Use the cut-off cable to fit wires correctly.

Fit the control panel in its right position. (Max. torque = 1 Nm.) Use cable ties to attach the cable as shown below:



Flex cable (100.247)

Rotable wheel (100.067)

Power supply (100.243)

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Far side flex cable tied to profile

Control panel cable

Both flex cables tied with control panel cable

Power supply cable tied separately

Non-skid

(100.261)

3.2.5 Replacing a flex cable

Dismantle Floor frame as described in sect. 3.2.1 "Floor frame". Replace cable and reassemble Floor Frame.

Tie cables to profiles as shown above.

Check all moving functions of the StairTrainer.



3.2.6 Replacing and initializing power supply

Unscrew the power supply from the wooden plate and replace with a new power supply (Max. torque = 1 Nm).

Connect all cables to the power supply and raise the StairTrainer to upright position.

The new power supply must now be initialised:

3.2.7 Calibration of control panel display

The display can show actual elevation in inches or in centimetres. Switch between units by pressing and holding **S** for approx. 5 seconds, until the display reads changes.

3.2.8 Calibration of control panel display

To calibrate the display reading to actual platform height:

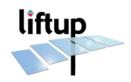
Measure the current height of the stair platform.

Press and hold **S**. Adjust the reading by pressing ① (higher value) or ① (lower value) until the control panel display shows the correct value.



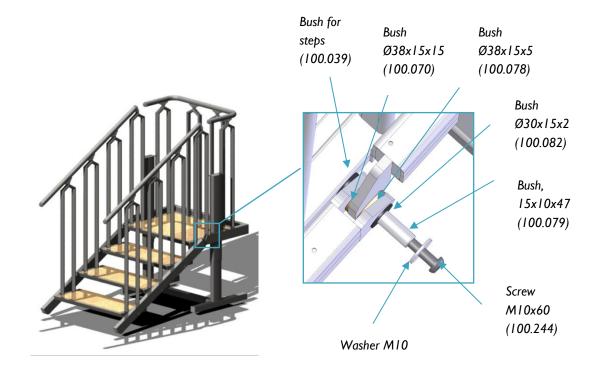
Adapter for control panel display (100.246)

Control panel display (100.241)



3.2.9 Stair profile assembly

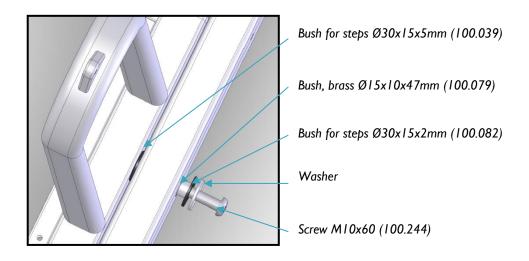
The stair profile is assembled with the following spare parts: bush $\emptyset 38 \times 15 \times 15 \text{mm}$ (100.070), bush $\emptyset 38 \times 15 \times 5 \text{mm}$ (100.078) and mounting kit for steps (100.255), held together with the M10 screw (100.244):





3.2.10 Steps on stair profile

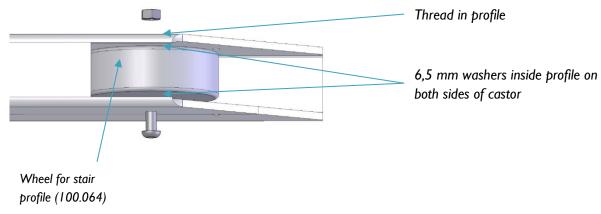
Each Step is fitted to the stair profile with a mounting kit for steps (100.255). The step can be dismantled by unscrewing the M10 screw (100.244):



Remember to grease between stair profile and bushing (100.079).

3.2.11 Castors in stair profile (100.064)

The castors are fitted inside the stair profile using an M6x45 screw (ISO 7380) and an extra M6 nut as safety:





3.3 Maintenance

Check List:

- Check that both lifting columns move to top and bottom level freely and without noise.
- Check control panel up/down function and readout
- Tighten M10 screws for all steps.
- Tighten M10 screws connecting platform and stair profile.
- Tighten all M5 screws holding the handrail.
- Check power supply cable for visible defects.
- Check both flex cables for visible defects.
- Check control panel cable for visible defects.
- Check friction pads (100.261) underneath floor frame.
- Check castors in the stair profile. Tighten screws and nuts.
- Check turnable castors underneath platform for attachment and free movement.
- Check all castors for visible defects.
- Tighten screws attaching control panel to profile.
- Overall visual inspection of the StairTrainer is it firm and stable in all positions. Check for visual defects.



3.4 Trouble-shooting

Symptom	Action
Display is blank	Check power cable is connected and that power is on.
	Check that control panel cable is properly connected.
	Replace control panel or power supply
Display shows "E I"	Position is lost. Initialise system. See sect. 2.1.6
Display shows "E 2"	Overload in upwards direction. Remove load from StairTrainer.
Display shows "E 2"	Overload in downwards direction. Remove load from StairTrainer.
Display shows "E 16"	Illegal push on keypad. Release all button
The StairTrainer does	Check or replace flex cables
not move up or down	Check or replace lifting columns
when activating keys.	Check or replace control panel cable
	Check or replace control panel
Display shows incorrect	Switch control panel display units. See sect. 2.1.7.
value	Calibrate control panel readout. See sect. 2.1.8
Squeaking noise from	Grease point of issue. See sect. 2.1.10
steps or castors.	Replace castors.
Too much play between	Replace bushings. See sect. 2.1.9
stair profile and platform	·
or between steps and	
stair profile.	



4. Installation and handover

This form is to be filled out on installation.

Sample:

Client acceptance of installation: Checklist: No. Description Checked Any comments 1 Testing together with the client 2 Emergency stop 3 Safety mode
No. Description Checked Any comments 1 Testing together with the client
2 Emergency stop
3 Safety mode
4 Review of the manual
5 Show anti-crushing safety feature, including alarm
6 Overload. 7 Ramp/gate function (switch) 8 230V to the controls (must not be disconnected)
7 Ramp/gate function (switch)
disconnected
9 Any change of the battery in the remote control.
10 Any pairing of the remote control
11



5. Maintenance checklist

In addition to the general maintenance, we recommend as the manufacturer, that routine inspections are undertaken every 12 months by an authorized service technician. Your dealer will offer this service. The owner of the lift is, however, responsible for ensuring that the chosen service technician is qualified in servicing and repairing the Stairtrainer. For safety reasons it is very important that these inspections are maintained, since lacking or improperly performed inspections may result in personal injury.

IMPORTANT. Before inspecting the lift (or under it), the lift MUST be dismounted from the controls in order to secure against accidental operation. The service technician is responsible for performing this disassembly before starting servicing.

A check form like the one below must be filled in upon each inspection. The form must be filled by the company who has entered into the service agreement.



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Adresse			
Post nr. Teleton			
Kontakt person			
Teleton			
EAN/GLN			
Produkt		Service level	
Produkt type <u>nr</u>		Endnu ingen attale	Halvarlig
Serie nr.			1
Installeringsdato		Attalt tid og dato forsen	ice besøg
Seneste service	dato	Aftaler om besøget	
Andre bemærkni	inger:		
□ Visuel kontr □ Betjeningsar	ntrol af aktuatorer rol af aktuatorkabler nvisning og afrapporteret (kundens)		
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6. Service log book

This form (like the one below) must be filled in after each inspection. The log book must be kept together with the machine.

					liftu
Serv	rice log book				
This	form shall be filled	in after every inspection.			
•		mater every inspection.			
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7100			110000	/pc 140	••
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