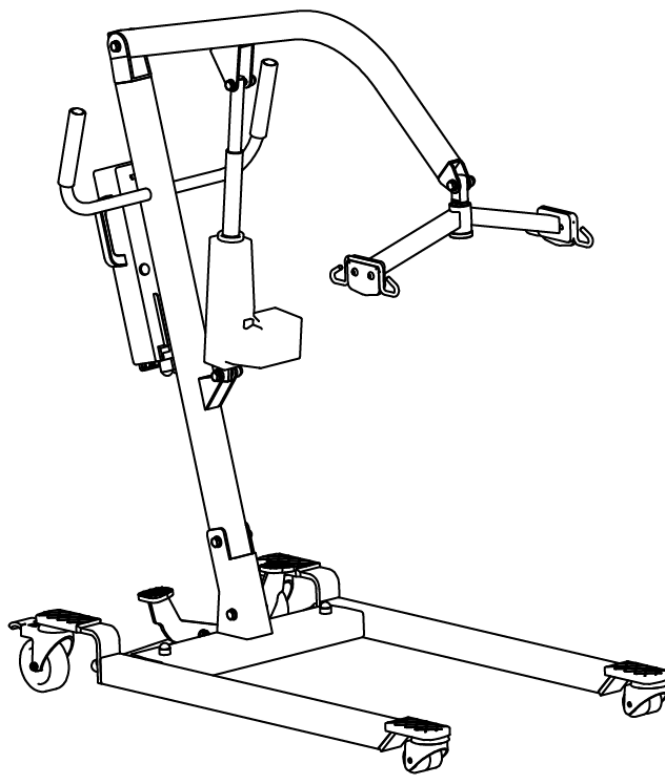


Electric Patient Lift Owner's Manual



Please read this owner's manual carefully before operating your electric patient lift and keep it for future reference. Rev.: V.02

CONTENTS

1. SAFETY.....	3
2. PARTS INTRODUCTION.....	3
3. SPECIFICATIONS.....	4
4. ASSEMBLY AND OPERATION.....	4
5. USER GUIDE.....	7
6. BATTERY AND BATTERY CHARGING...	13
7.CARE AND MAINTENANCE.....	14
8.TROUBLE SHOOTING.....	16
9.WARRANTY.....	18

1.SAFETY

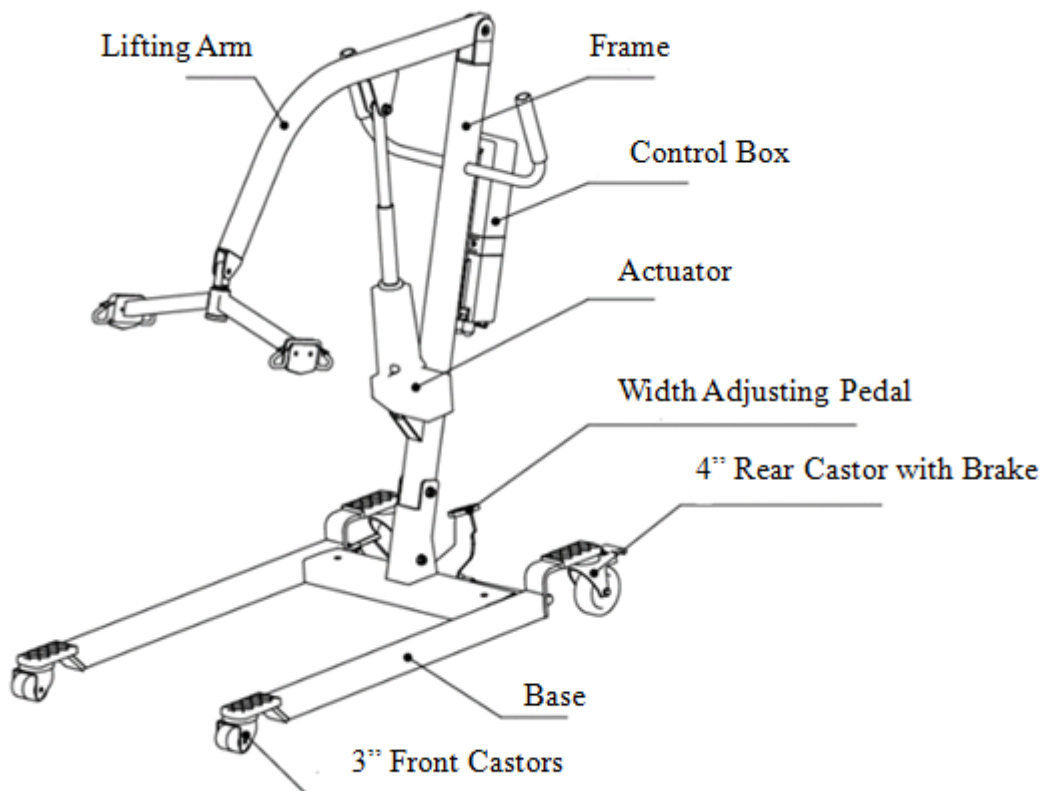
Safety

■ Pre-use of product:

- Assemble the product according to user's manual.
- Properly fix the actuator onto electric patient lift.
- Charge the battery no less than 4 hours until fully charged.
- Read user's manual carefully until it is fully understood.
- Appropriate guide and training shall be taken on users.
- For the sake of safety and user's need, please select the right model, size, material, slings and accessories.

2.PARTS INTRODUCTION

●PARTS INTRODUCTION



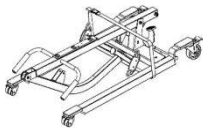
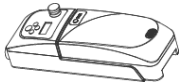
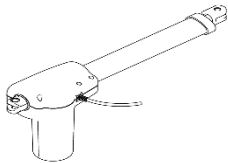
3. SPECIFICATIONS

- Product Size: 1200x620x1225mm (LxWxH)
- Maximum Fork Range: 800mm
- Lifting Range: 850mm (lowest), 1750mm (highest)
- Max speed at no load: 16.6mm/s
- Max speed at full load: 6.7mm/s
- Input power: DC24V
- Motor: 24V/8000N
- Load Capacity: 185kg
- Net weight: 45kg
- Noise: 65dB(A)

4. INSTALLATIONS

1. Inspection and Acceptance

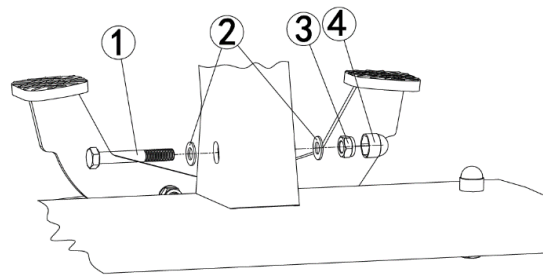
Please verify if there are omissions for parts (checklist for accessories shall be subject to list attached with the product). Once damages or omission happen, please get contact with Hi-Fortune or its authorized distributors.

Description	Qty.	Image
Frame	1 set	
Control Box	1 pc	
Actuator	1 pc	
Controller + Cable	1 set	
Open Spanner #16 and #17	1 set	N/A
User's manual	1 pc	N/A

2. Installation Procedure:

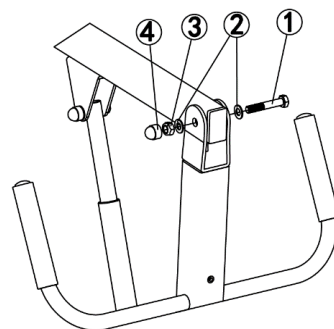
Step 1: Raise up the frame and align the holes. Fix M10x75 hexagon bolt as shown in drawing on the right and have nut properly attached (make sure no movement on the frame)

- ① Hexagon bolt M10x75
- ② Washer
- ③ ④ Nylon locknut M10



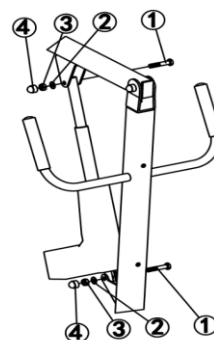
Step 2: Insert the lifting arm into upper groove of frame. Make sure the hole alignment, then clip the hexagon bolt M10x60 as shown on image on the right and attach the nut cover.(no movement on lifting arm is allowed)

- ① Hexagon bolt M10x60
- ② Washer
- ③ Nylon locknut M10
- ④ Nut cover



Step 3: Align the holes and fix the actuator. Clip hexagon bolt M10x60 as shown on drawings below and attach the nut cover properly.

- ① Hexagon bolt M10x60
- ② Washer
- ③ Nylon locknut M10
- ⑤ Cover nut



Step 4: Installation of control box

1. Fasten the 2 M5x10 screws into threaded holes from frame as shown on image 1.
2. Rotate the lock to direction of open. Fasten to control box onto frame and have the upper screws locked (Image 2)
3. Rotate the lock 90 degree to the right and lock the control box (Image 3)

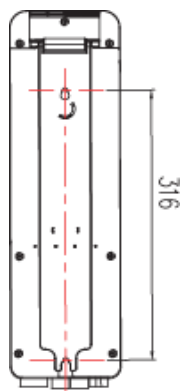


Image 1

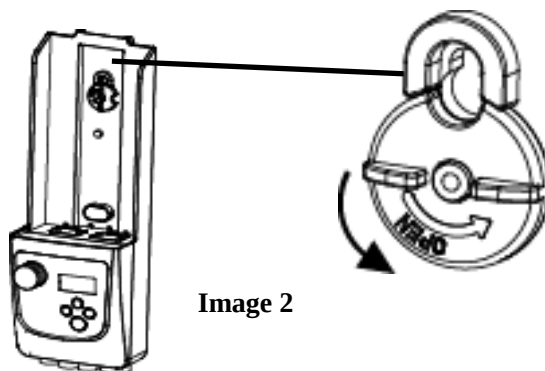
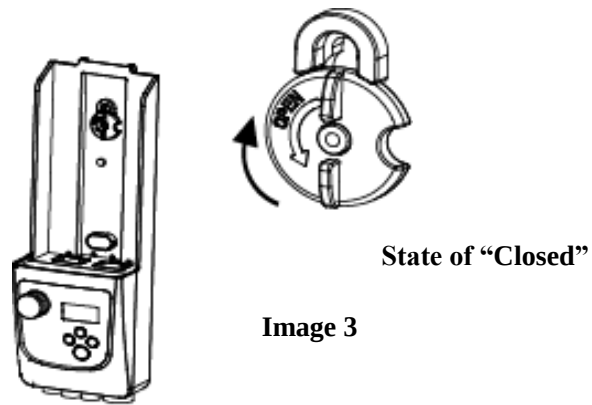


Image 2

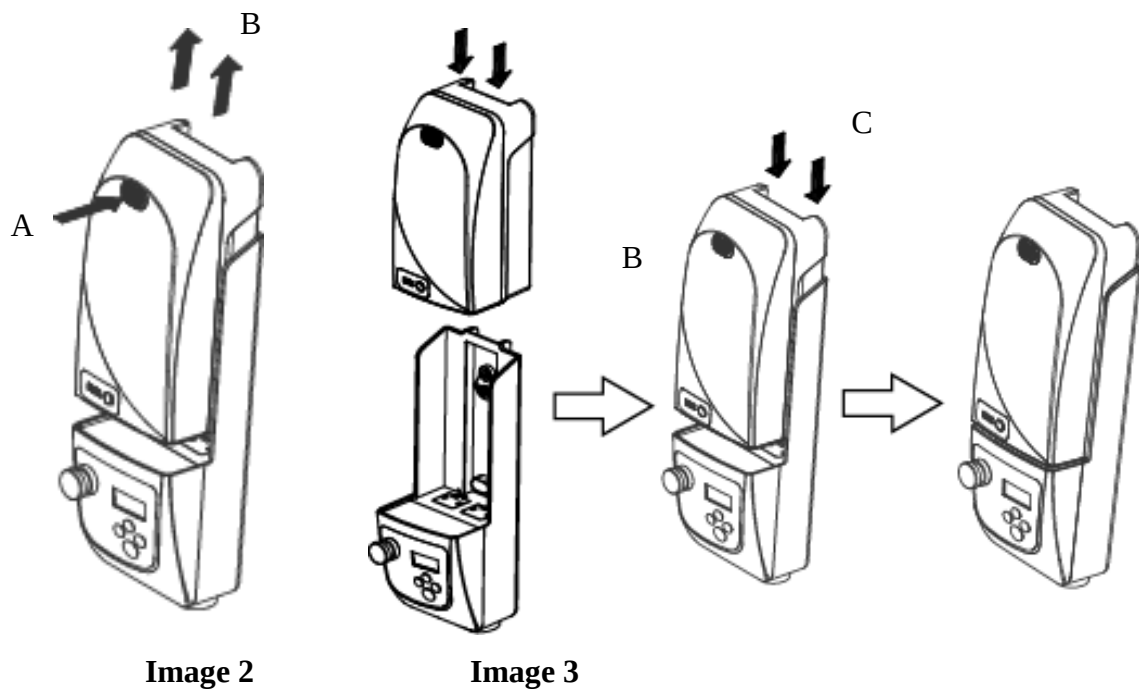
State of "Open"



Step 5: Remove and install the battery box

Removal: Press down the switch A and remove battery along direction of B.

Installation: Place the battery in place (image 2) and press the switch along direction of C. Ensure the battery won't be separated without pressing the switch.

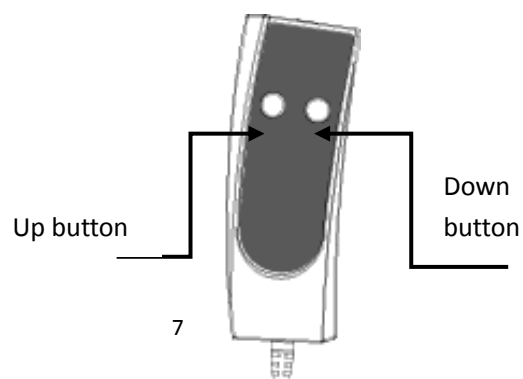


5. USER GUIDE

1. Use of controller:

Control the up and down of lifting arm by up and down button on the controller.

Patient lift stop working once releasing the up and down button,



2. Base Width Adjustment

Width of base is able to be adjusted by pedal.

Slam on pedal on the left for a wider base and to slam on pedal on the right for a narrower base.



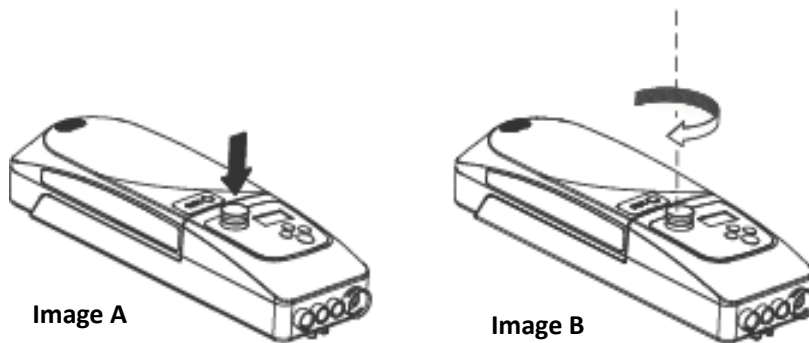
3. Emergency Stop Button

Emergency stop button is used for switching on/off the power. It enables the motor stop working immediately in case of danger.

Switch off: press on the red button (see image A), then control device is suspended.

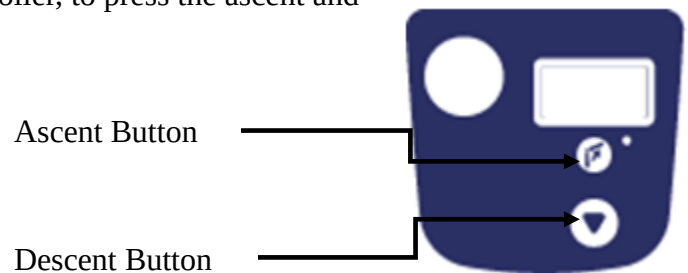
Switch on: rotate the red button clockwise (see image B) and control device is activated.

Highly recommended to press on this button provided that patient lift is not in use beyond 3 days to prolong the lifespan of battery.



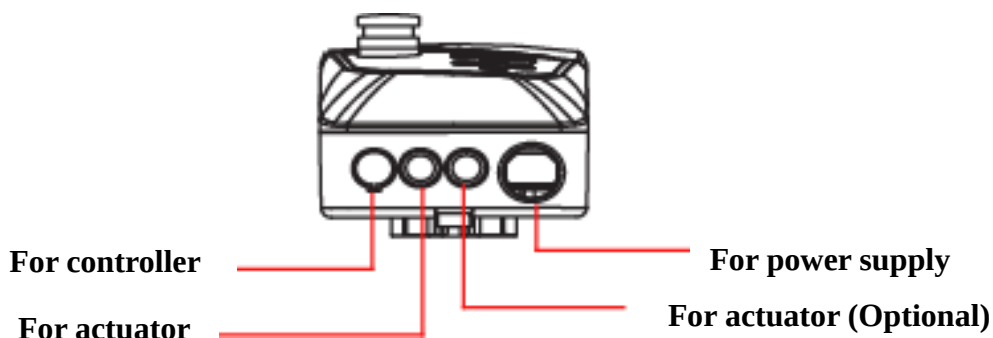
4. Emergency descent and ascent

In case of malfunction on the controller or no controller, to press the ascent and descent button to get the actuator back in place.



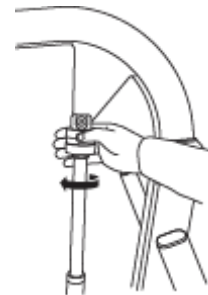
5. Connection of Control Device

There are 4 ports on the control device, 1 for controller, 2 for actuator and the rest 1 for power supply.



6. Manual emergency descent and ascent

Rotate the red sleeve along the direction of arrow to get manual emergency descent, the reverse to manually ascend.



7. Lock and unlock of rear wheel

Rear wheels can be locked for no movement. Operate with your foot to lock and unlock the rear wheels.

Attention: It is unnecessary to lock the rear wheels for most of ascent and descent movement. Hi-Fortune suggests only to lock the wheels when patient lift moves and may cause personal injury.

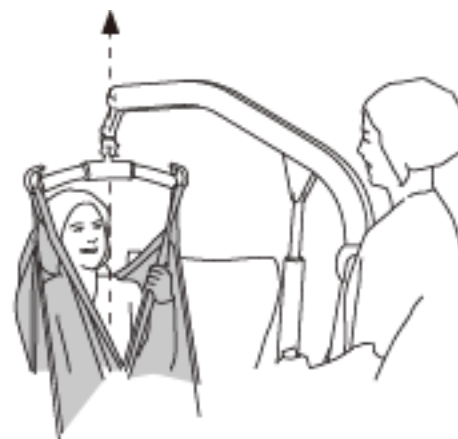
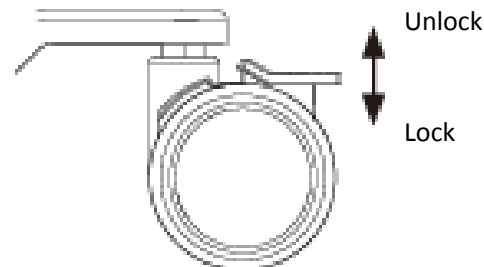
Warning: to lock the rear wheels of patient lift increase the risk of tipping during the ascent and descent movement.

8. Operation of Patient Lift

8.1 Safety Operation

Keep the lifting arm and body vertical.

For more details, please refer to “Placement location of patient lift”. Make sure the operation of patient lift is correct each time. Warning: An imbalance of ascent creates the risk of dumping.



Placement location of patient lift

Move to bed



Move to wheelchair or commode



Notice: A pillow under the patient's head shall make her/him more conformation.

6. Battery Charging

1. When the battery has only 1 bar left, controller box shall keep beeping 4 times and remind you to charge immediately. Actuator shall not work without charging (battery level as shown in the picture below)



Battery level: 100%



Battery level: 50%



Battery level: 75%



Battery level: 25%

2. Battery Charging Procedure

When battery beeps, switch off the emergency stop button and plug in the controller box. Once battery is fully charged, the state of battery level shows 4 bars (100%) and LED on the control box no longer flashes.

Notes:

1. Do switch off the emergency stop button and stop using the patient lift when charging.
2. Remove the control box and keep it in a shade once patient lift shall be not used for a long time. Charge the battery once every month.
3. Do not charge the battery in a humid atmosphere.
4. In the event of that patient lift is not in daily use, it is strongly recommended that to switch off the emergency stop button so that to cut off the currency and keep the battery level.

7. CARE AND MAINTENANCE

Routine inspection listed below shall be performed everyday for the sake of safety.

1. Check if there is any damage or wear by visual inspection.
2. Make sure screws and nuts on lifting arm are secured.
3. Check if hook on lifting arm works properly.
4. Controller, actuator and base width adjustment verification.
5. Emergency descend function verification (both manually and electrically)

If needed, to clean the patient lift with warm water or alcohol. Make sure there is no dust and hair on the wheels.

Attention: to clean the patient lift with chemicals with Phenol and chlorine is prohibited, which may cause damage on plastic powder or plastic material.

Transportation and Storage:

Press the emergency stop button for transportation or not using the patient life for a certain of time.
Temperature for storage of patient life shall be higher than 0℃ and relative moisture≤60%.

Inspection:

Make a full inspection at least once a year. Pay close attention on those worn part such as connection and screw bolt.

8.TROUBLE SHOOTING

Description	Trouble Shooting
Patient lift can not work (ascend and descend)	1. Check if the emergency stop button is pressed down. 2. Verify the controller and cables from actuator is properly connected 3. Check the battery level from display screen on the control box. 4. Verify if there is any problem or damage on battery contact panel. 5. Ask for after-sale service if patient lift still can not work.
Charger can not charge the battery	1. Check if the charger fully plugs into socket 2. Verify if there is any problem or damage on battery contact panel. 3. Ask for after-sale service if patient lift still can not work.
Patient lift stops when ascending	1. Check if the emergency stop button is pressed down. 2. Employ the emergency descend device (see user guide) 3. Ask for after-sale service if patient lift still can not work.

9.WARRANTY

● Warranty terms

From the ex-factory date

- (1) Control box: 6 months free replacement and 1 year repairing guarantee
- (2) Battery: free replacement if capacity of battery less than 60% of rated capacity within half a year.
- (3) Other parts: 1 year repairing guarantee.
- (4) Wearing part like wheels, pedals and plastic part :warranty is not provided.

In the event of any damages when using, please contact the distributor.

- (5) Hi-Forture shall be responsible for the maintenance or recall the products once quality problem is addressed to the whole batch.
- (6) Paid service shall be provided after 1 year.

● Warranty Exclusions

1. Damage cause by improper use and maintenance.

2. Parts damaged due to spare parts from regular manufacturers are not in use.
3. Parts damaged by the accident.
4. Warranty is not provided for wearing part like wheel, sling etc.
5. Never change the setting of patient lift without permission.
6. Damages cause by force majeure like typhoon, flood, earthquake etc.

REGISTRATION CARD

Owner :	
Add :	Tel :
Model of Product :	Barcode :
Date of purchase :	
Warranty Period : (6 months excluded the battery),see notes for more details.	

Note: please make a registration at Hi-Fortune's agency within 1 month from the date of purchase.

The registration card will valid after stamped by Hi-Fortune and its agency, service shall be acquired with this registration card.

Maintenance Record

Maintenance Record			
Date	Faulty	Cause	Remark