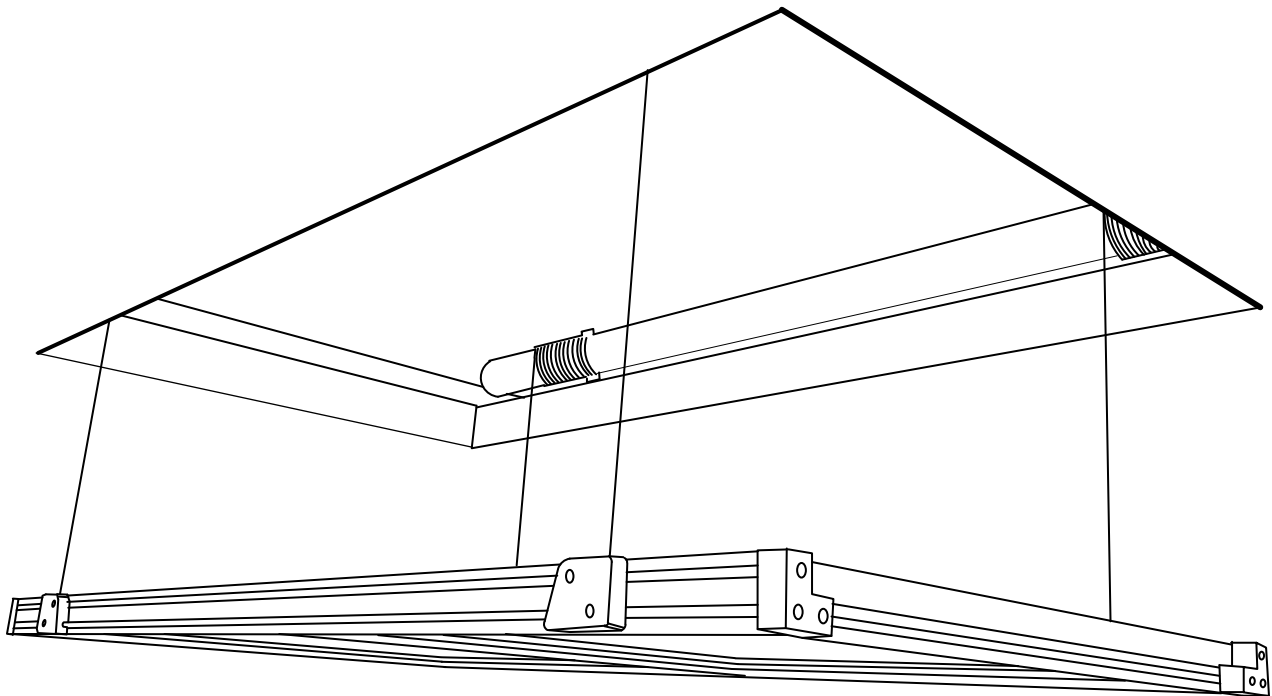


# Attic lift adjustment

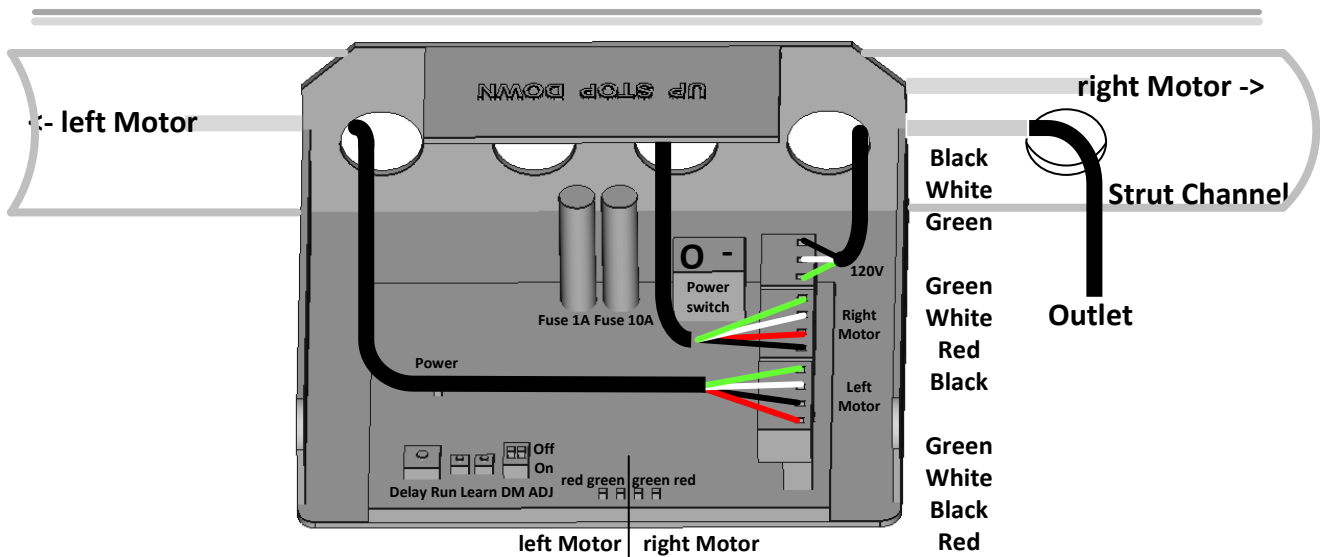
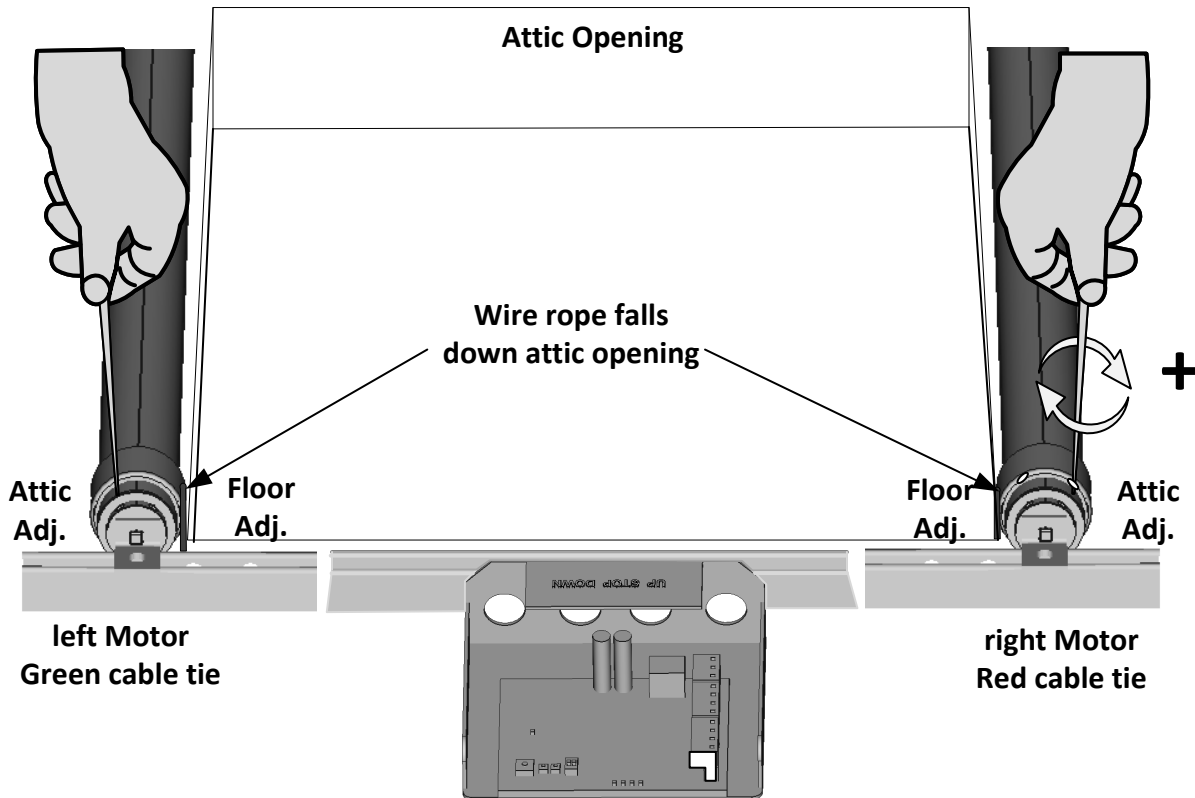
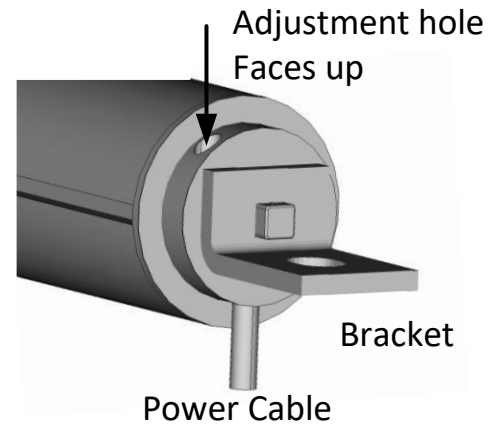
## (New Motor head)



# I. Adjustment

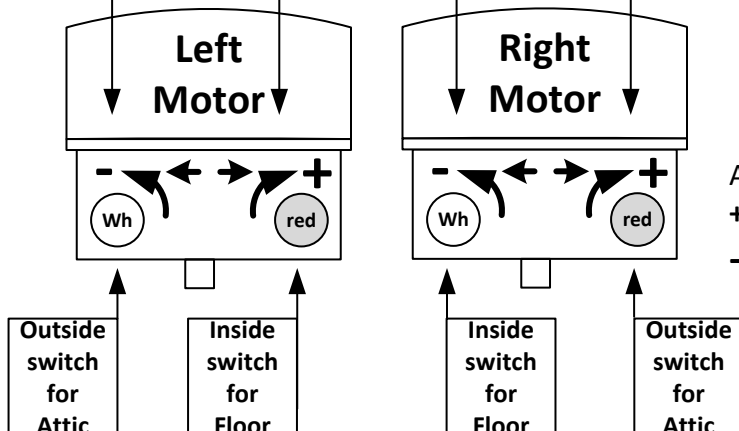
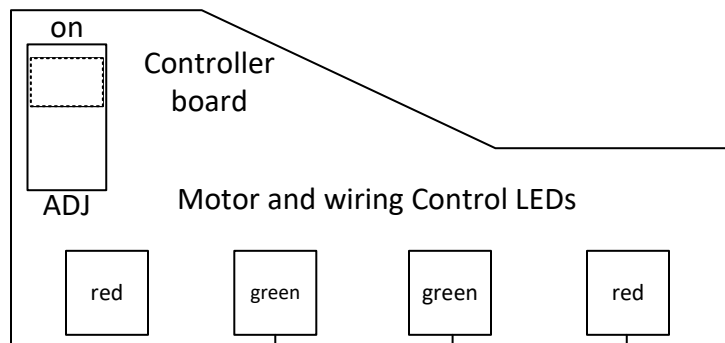
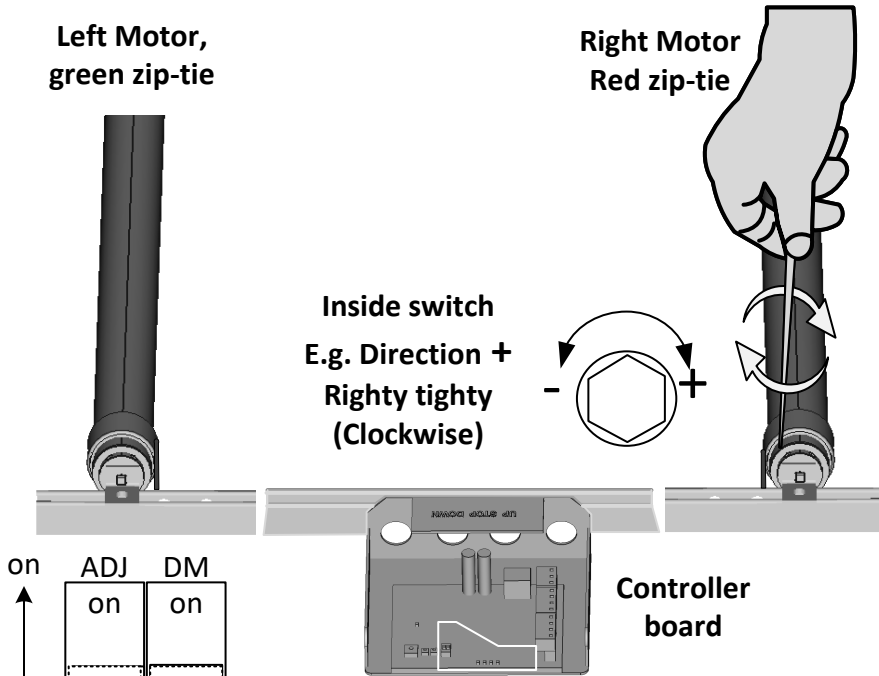
- Controller location
- Controller wiring
- Electrical Wire routing
- Location of the motor (left and right)
- Location of the wire rope
- Power cable wiring

Location of motor

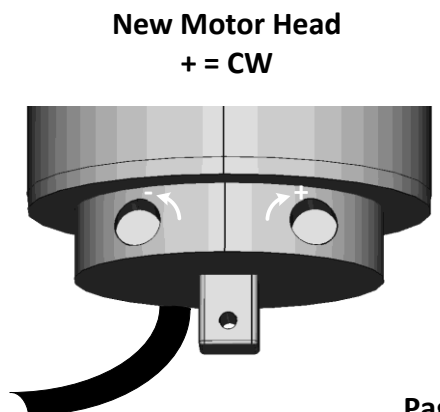
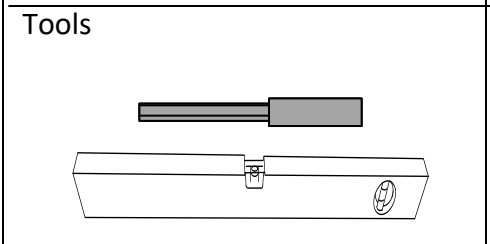
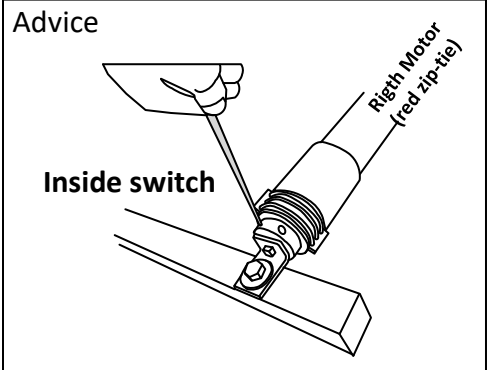
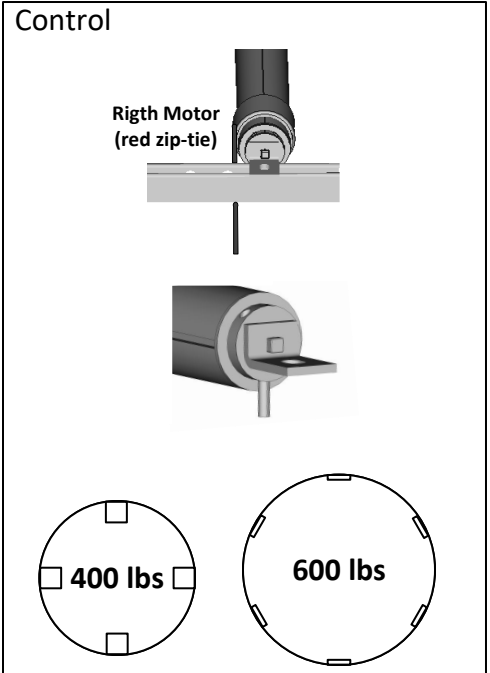


## II. Motor Adjustment of the Attic Lift

- Check the lift assembly
- View of the attic floor

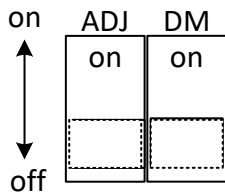
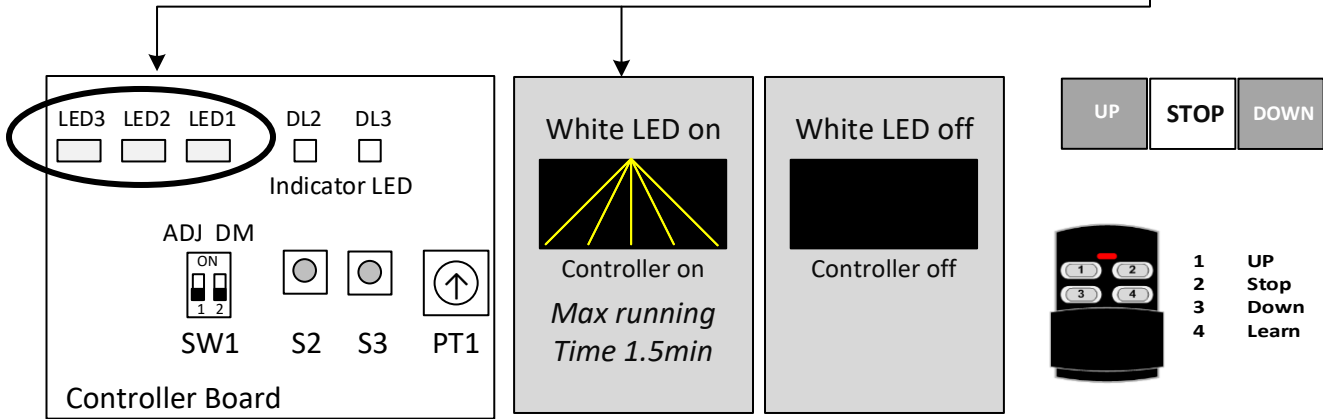


All 4 Switch  
+ = CW  
- = CCW



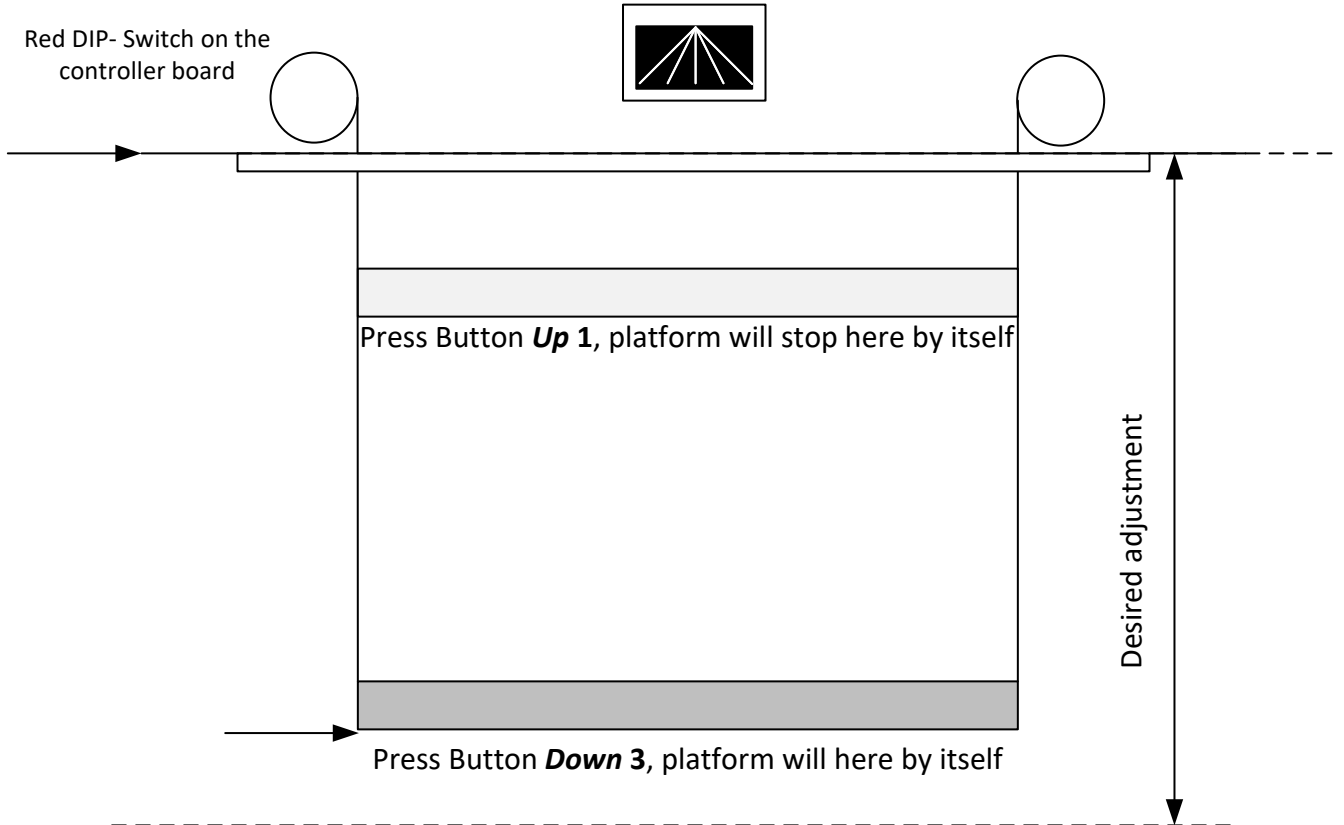
### III. Adjustment

- Adjustment is only possible when the white LEDs are on
- Turn in direction + / CW / Righty tighty
- Don't turn in direction - / CCW / lefty loosy

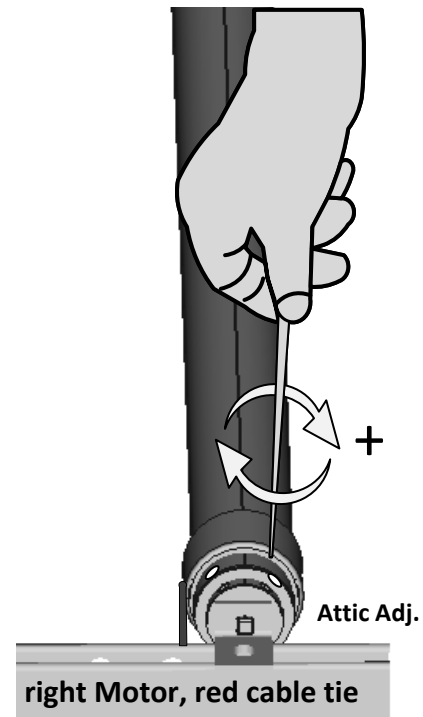
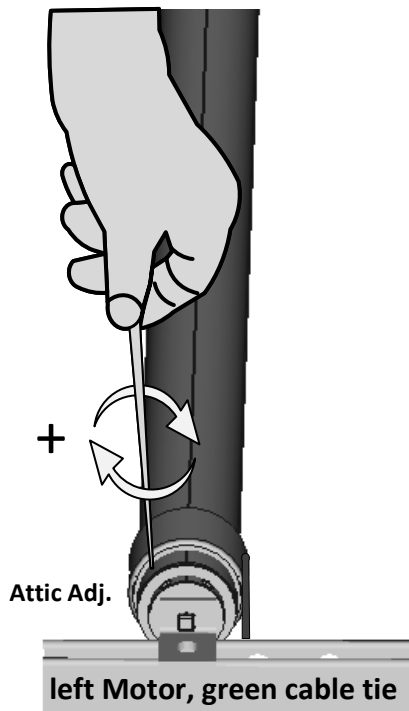


**During the adjustment set..**  
**ADJ (Adjustment)=off**  
**DM (DeadMan)=off**

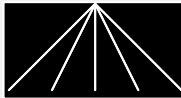
Red DIP- Switch on the controller board



# Attic Adjustment



Push **UP** and let the motors run.  
 Did the Motors stop by itself?  
 (NO, open Basic setting)  
 Are the White LEDs on?



yes ↓

Turn outside switches **(+)**  
 Turn at least 3 turns  
 Does the Motor move?  
 If not, **you turn in the wrong direction.**  
 Bring both motors to the desired height  
 and level

no →

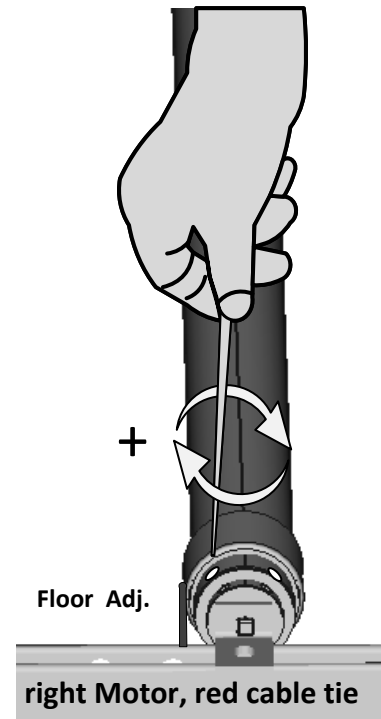
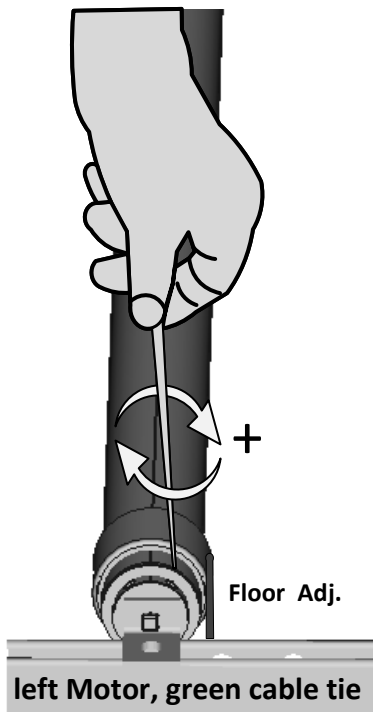
**Are the White LEDs off?**

**Activate the Controller**

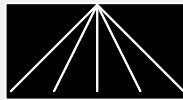
Press **Down** 3  
 Let it run 2"  
 Press **Stop** 2  
 Press **UP** 1  
 Let lift run until  
 lift stops by itself

(max Controller running  
 time is 1.5min!)

# Floor Adjustment



Push **DOWN** and let the motors run  
 Do motors stop by themselves?  
 (If not, open Basic setting)  
 White LED's on?



yes ↓

Turn inside switches **(+)**  
 Turn at least 3 turns  
 Do you get Motor response?  
**NO: You turn in the wrong direction.**  
 Bring both motors to the desired height  
 and level

no →

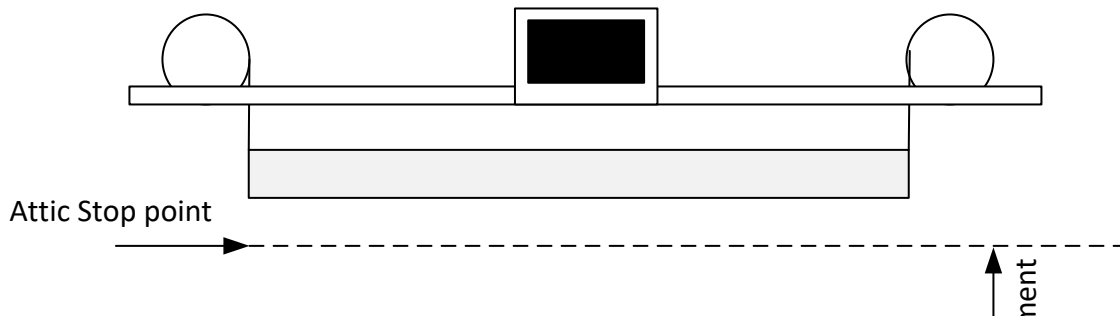
**Are the white LED's off?**

**Activated the Controller**

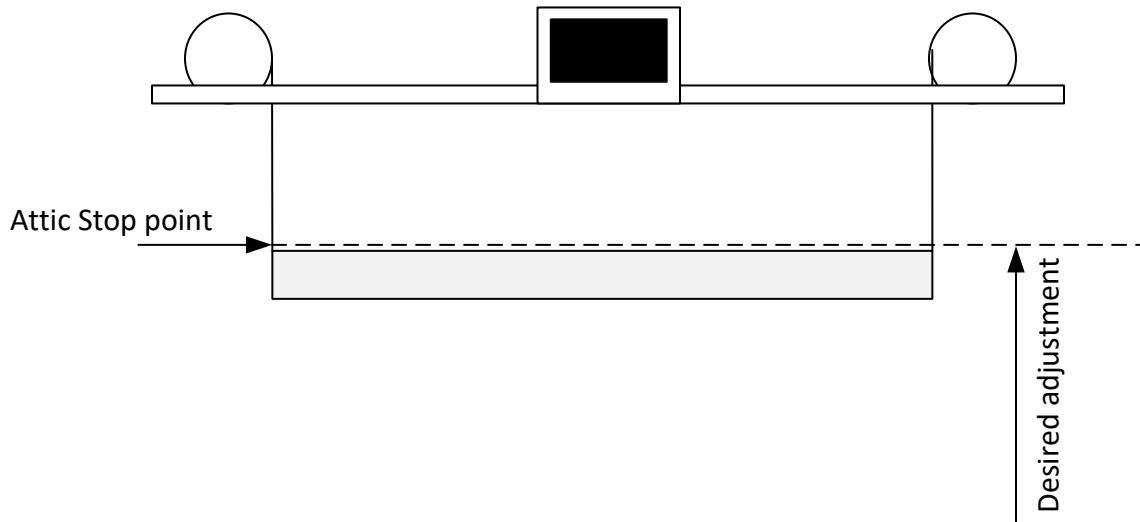
Press **Down** 3  
 Let it run 2"  
 Press **Stop** 2  
 Press **UP** 1  
 Let lift run until  
 Lift stops by itself

(max Controller running  
 time 1.5min!)

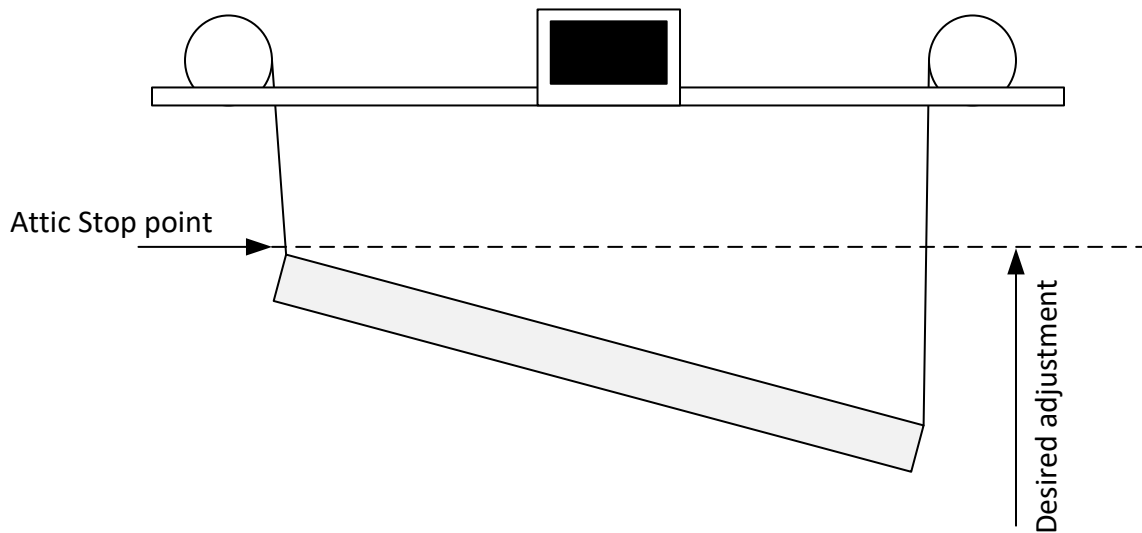
# Problem: Platform is too high



Case 1:  
Platform is  
even

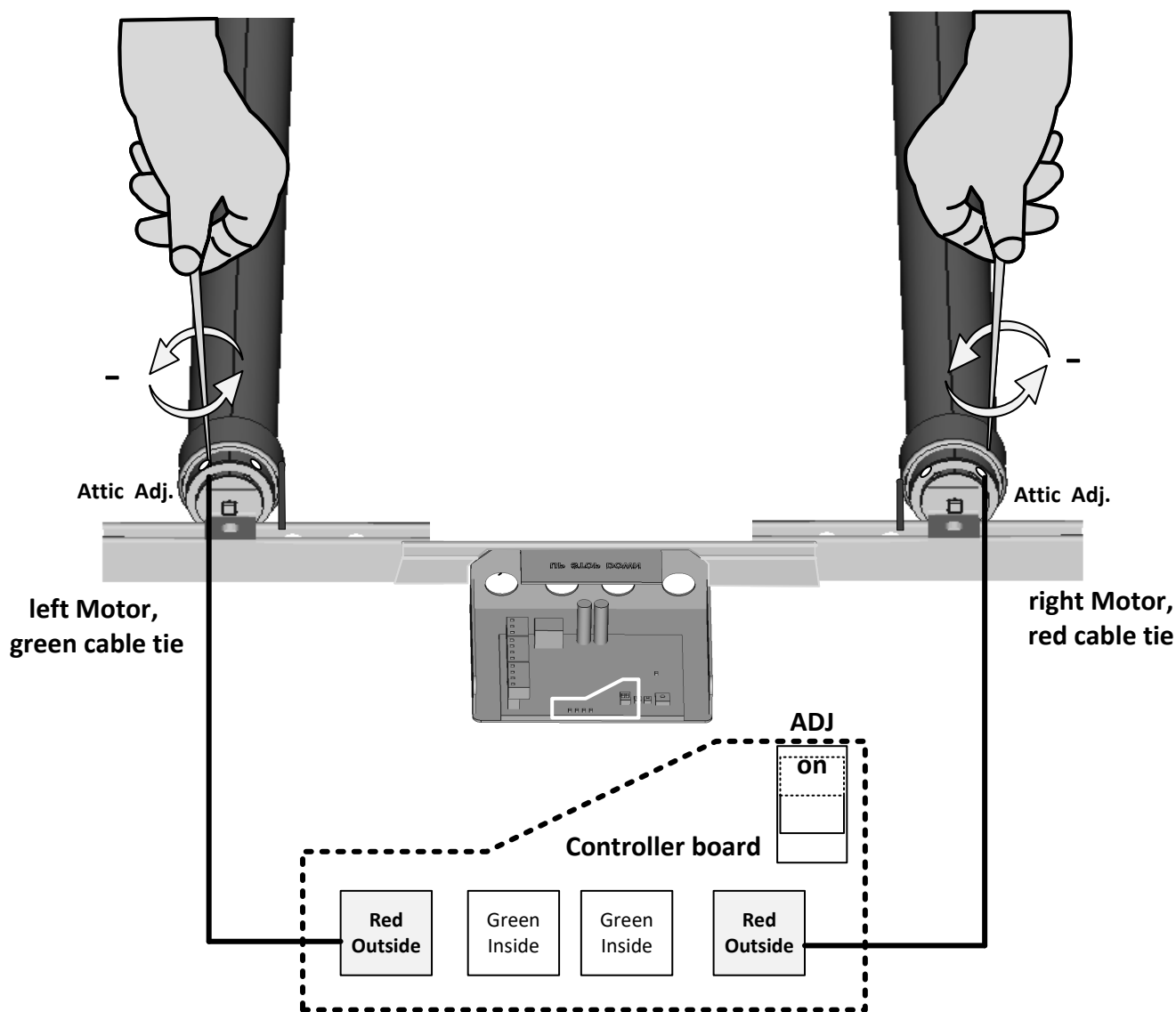


Case 2: Platform is  
uneven



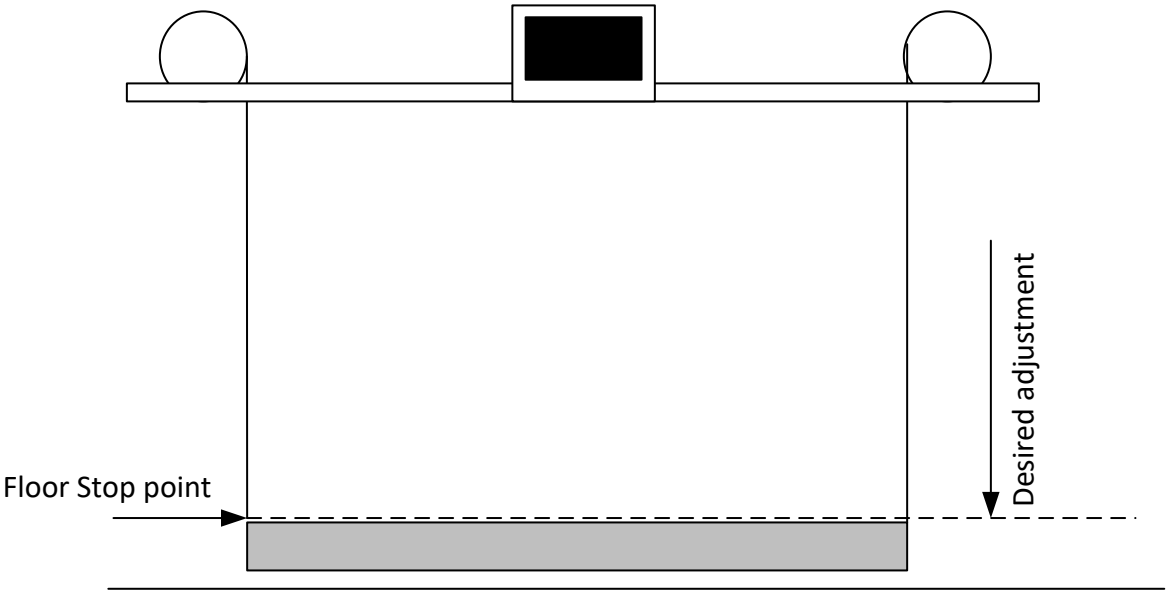
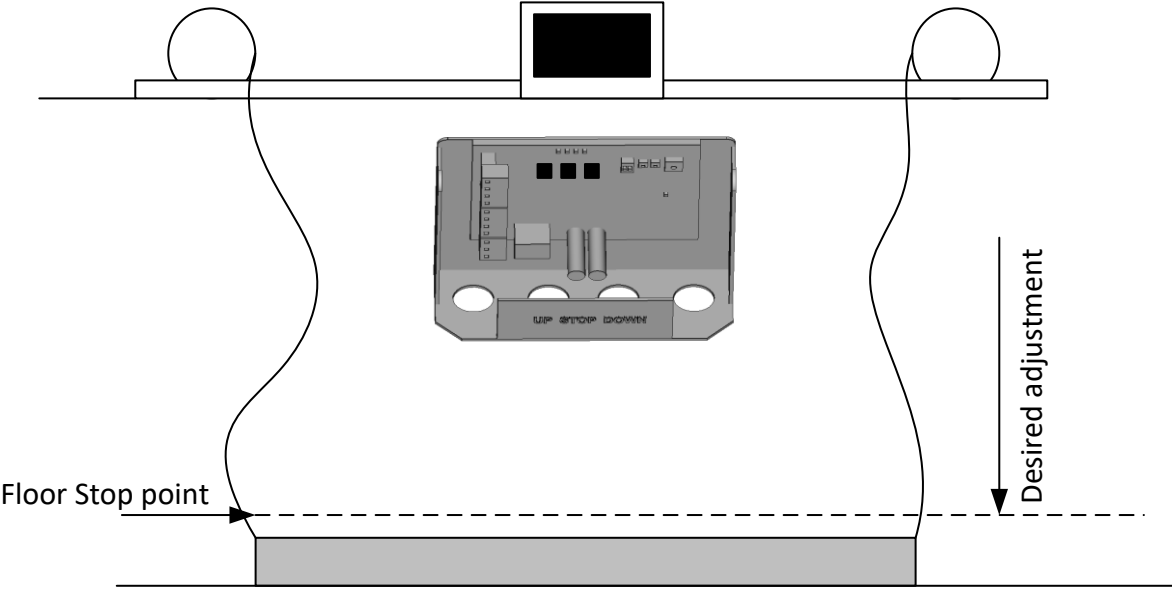
## Adjustment: Platform is too high

- Push Button **DOWN (3)** and bring the platform to your desired height- press **STOP (Button 2)**
- If the platform is not leveled bring the higher side to your desired height.
- **Switch on ADJ mode**
- Turn the Outside switch in direction – (minus,CCW) until the red LED switches off.
- Turn the same Outside switch in direction + (plus,CW) and switch the red LED back on
- Follow the same steps with the other motor
- **Switch off ADJ**
- Push **DOWN button (3)** and move the platform 2"-then **STOP (Button 2)** and push **UP (1)** and let it run until the motor stops by itself.
- Then go back to the **ceiling adjustment** page and follow the instruction



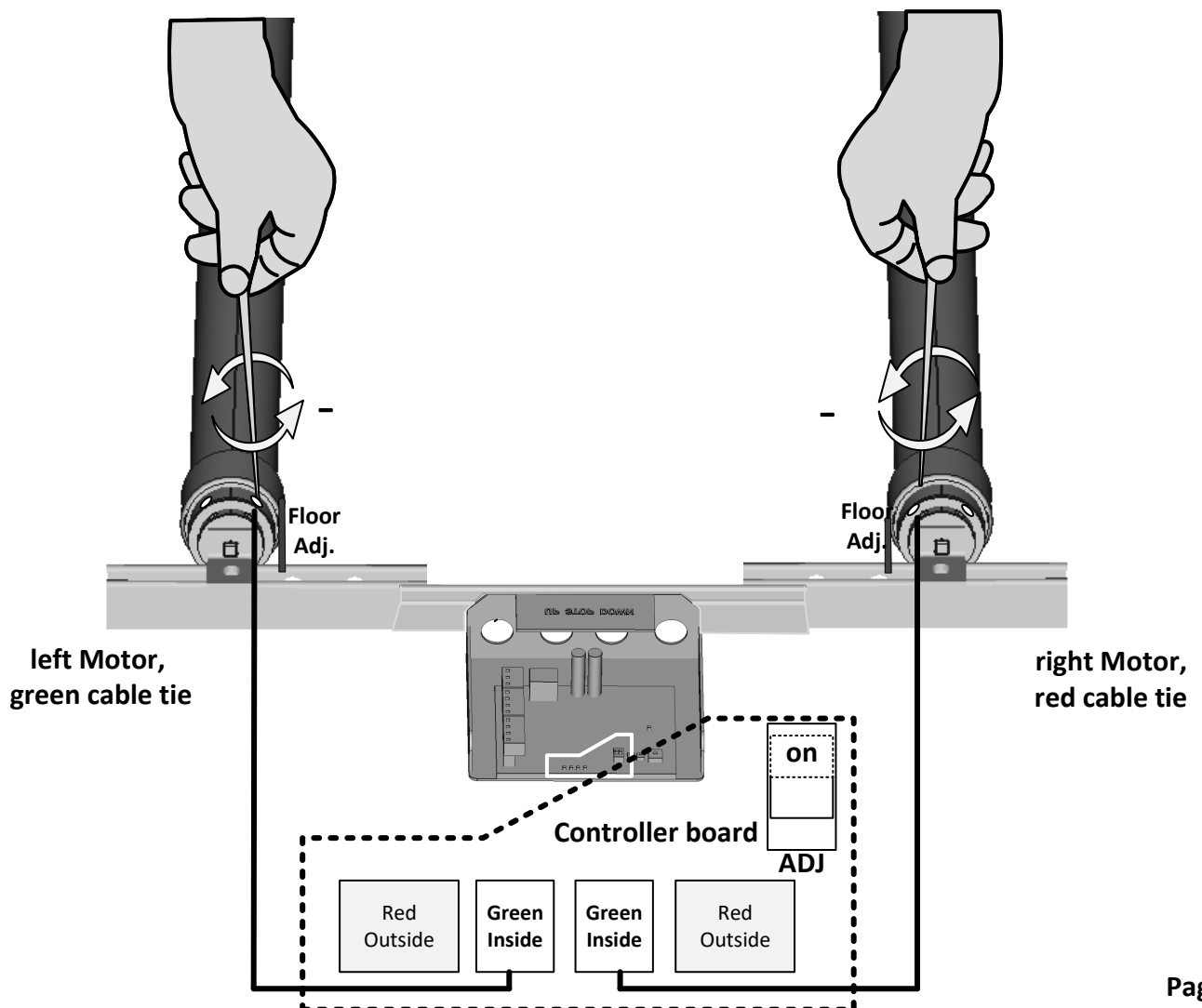


# If the Floor limit is too low:



## Floor Adjustment: Too low

- Push **UP (1)** and let it run until you have tension again on the rope- Then **STOP (2)**
- **Then switch on ADJ**
- Turn the inside switch in direction – (minus,CCW) until the green LED switches off.
- Turn the same inside switch in direction + (plus,CW) and switch the green LED back on and stop
- Repeat the same step on the other motor
- **Switch off ADJ**
- Push button **UP (1)** until it moves 2"up – then **STOP (Button 2)** and push Button **DOWN (3)** and let it run until the motor stopped by it self.
- Go to **floor adjustment** and follow the instructions from there to finish the adjustment

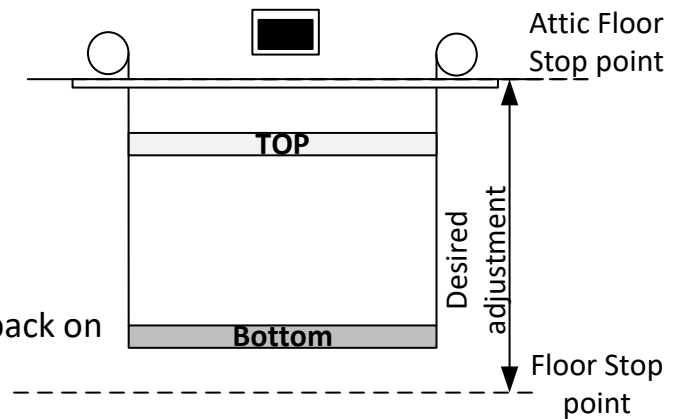


# Troubleshooting: Lift stopped and is clicking

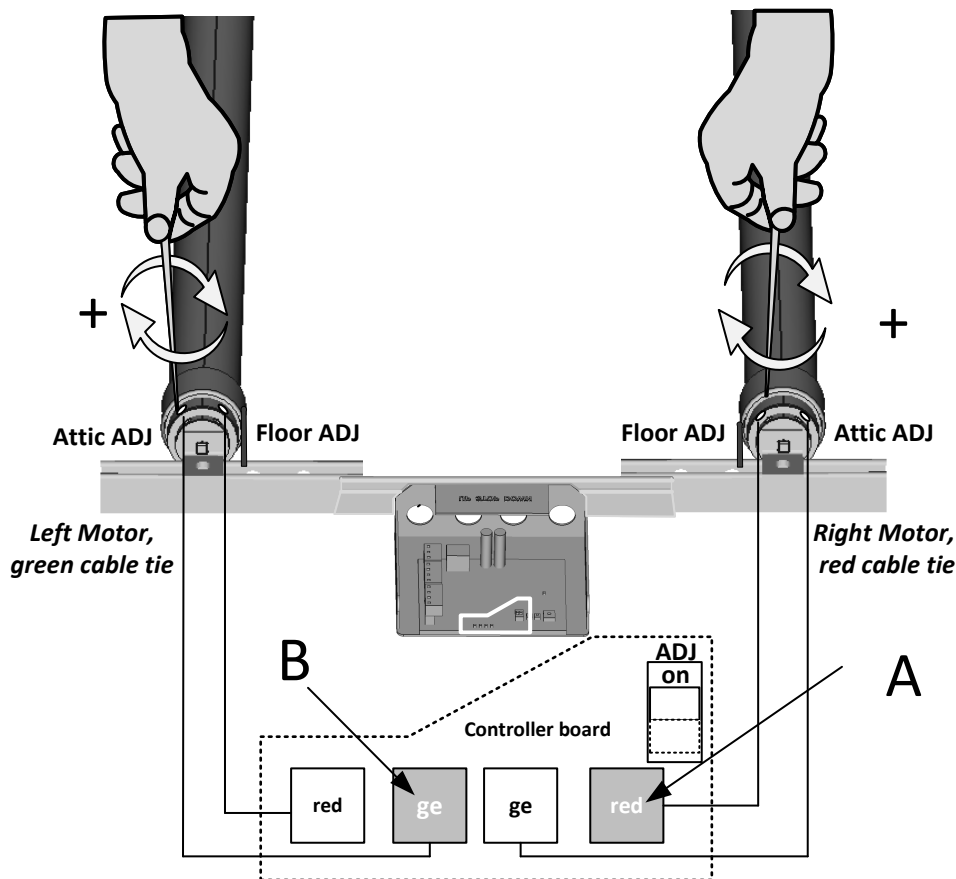
Reason:

1. Cable on the green Controller connector is loose or not connected.
2. One or more Motor switches are open.
3. Motor is overheated

- If the platform stopped in position **TOP**
- **Switch on ADJ**
- E.g. right red LED is off **(A)**
- Turn the Outside switch of the right motor
- By turning in direction **+** until the red LED switches back on
- **Switch off ADJ**
- If the platform stopped in position **Bottom**
- **Switch on ADJ**
- E.g. left green LED is off **(B)**
- Turn the inside switch of the left motor
- in direction **+** until the green LED switches back on
- **Switch off ADJ**
- All four LED's on the motors will run!

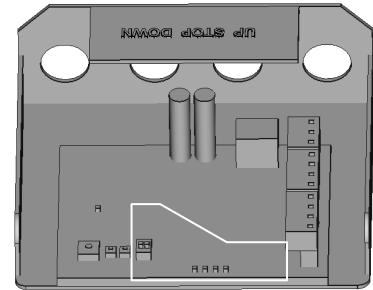
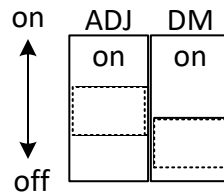
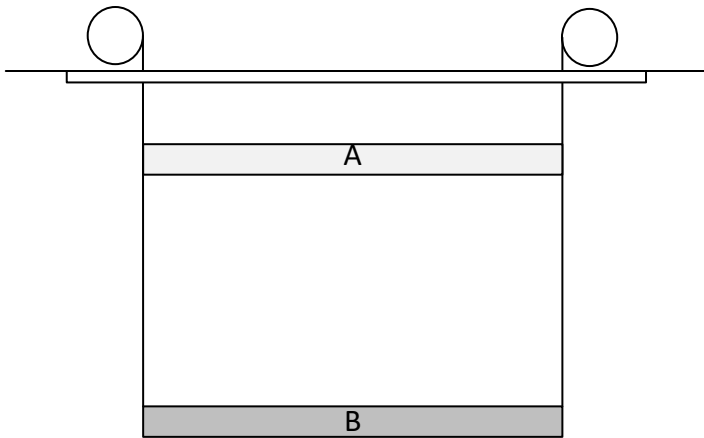


**ADJ=On:** Motor switches and wiring Control indicator LEDs, motors are **not** running!  
 Each LED indicates the motor switches, the motor wire connection and motor overheating

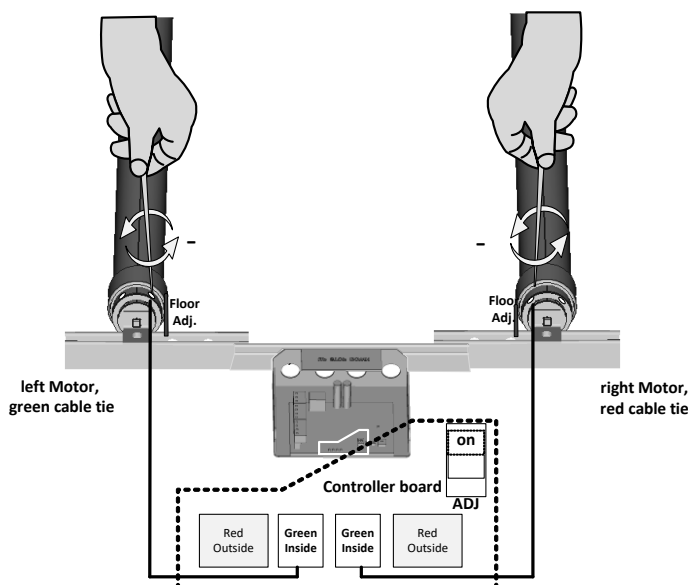
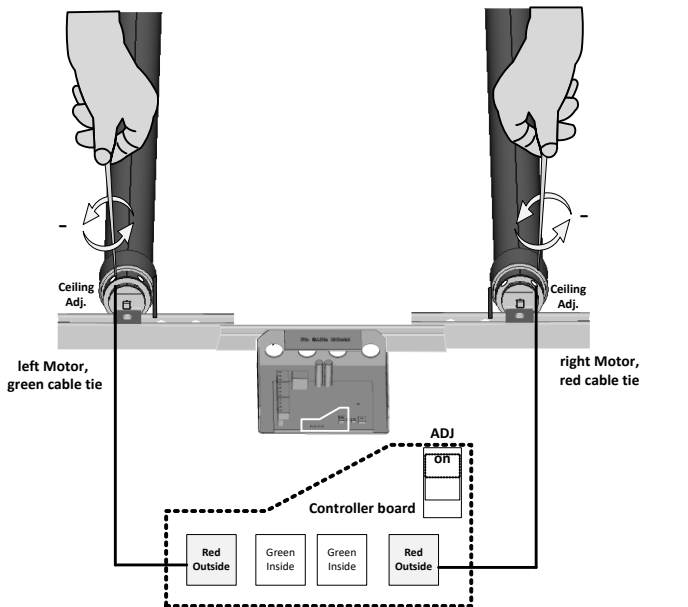


Note:  
 E.g. red and green LED on the left side is off, means the motor is overheated!  
 Wait for 15- 20 min to cool off

# Basic setting for motor switches



## Basic setting is in each position possible



- **CEILING adjustment A**
- Stop the motors at your desired height in direction Ceiling.
- Switch on ADJ
- Turn the outside switches in direction – (minus)
- If the red LED switches off, stop turning
- Turn the same Inside switch in direction + until the red LED switches back on. Stop turning.
- Repeat these steps with the other motors.
- Now, in this position the lift is set to stop
- Switch off the ADJ and start with the **Ceiling adjustment**.

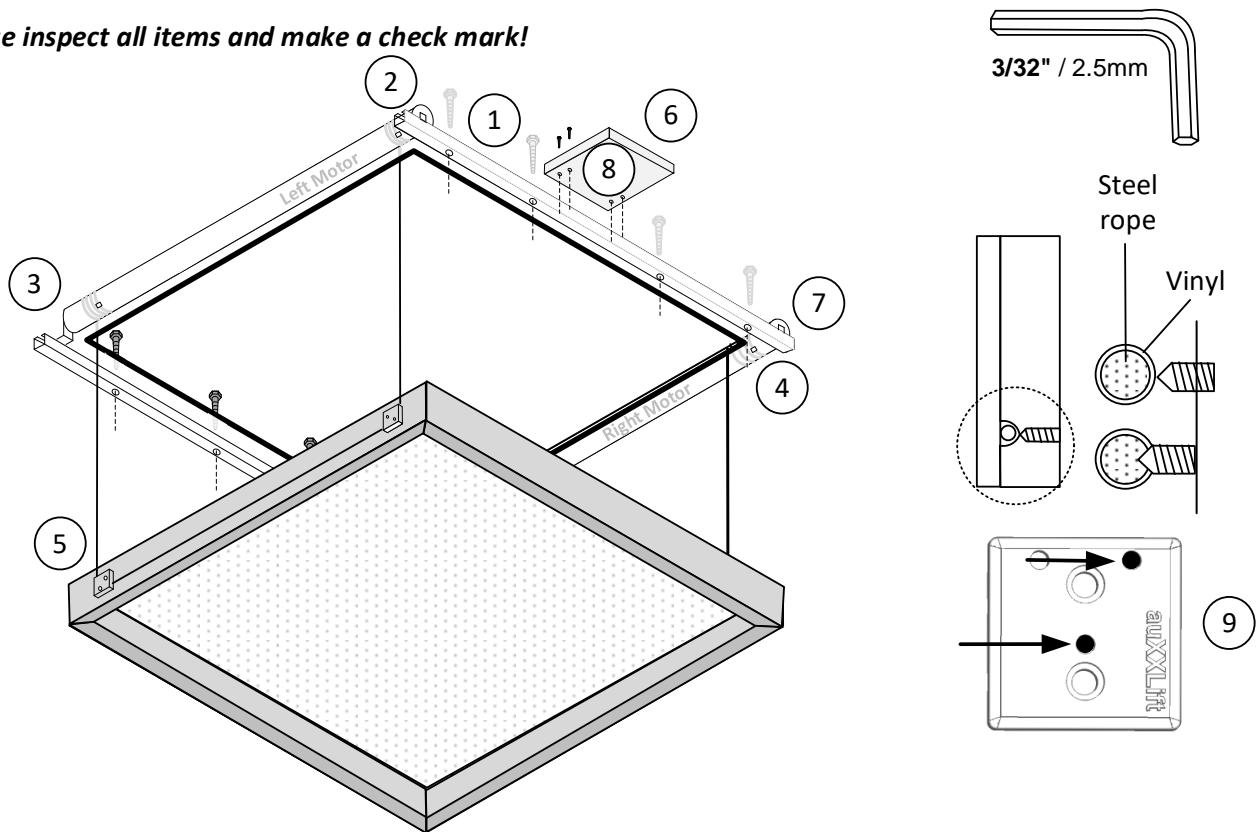
- **FLOOR adjustment B**
- Lower the platform in direction floor
- Stop the platform 1 ft. over the floor
- Switch on ADJ
- Turn the inside switches in direction – (minus)
- IF: Green LED switches off, stop turning
- Then turn the same switch in direction + until the LED switches back on. Stop turning.
- Do the same with the other motor
- Now, in this position the lift is set to stop.
- Switch off ADJ and start with the **floor adjustment**.

# Check

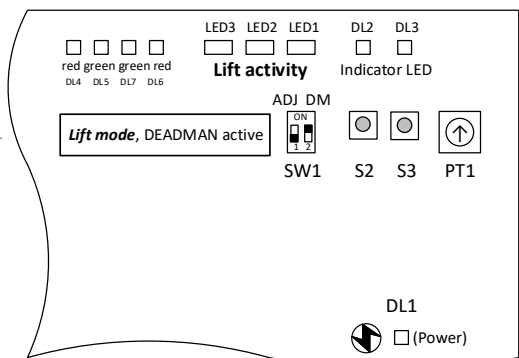
Check list (after installing, and than ones the year!

1. Lag screws tighten 8X
2. Cotter Pins installed and curved up 4X
3. 12mm Bracket screws tighten 4X
4. All set screws tighten 24X
5. All 1/4" screws tighten 8X
6. E-Wire in the right order installed 11X
7. E-Wire is not laying on sharp corners
8. Controller is switch on
9. All set screws tighten 8x

Please inspect all items and make a check mark!

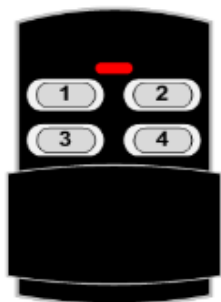
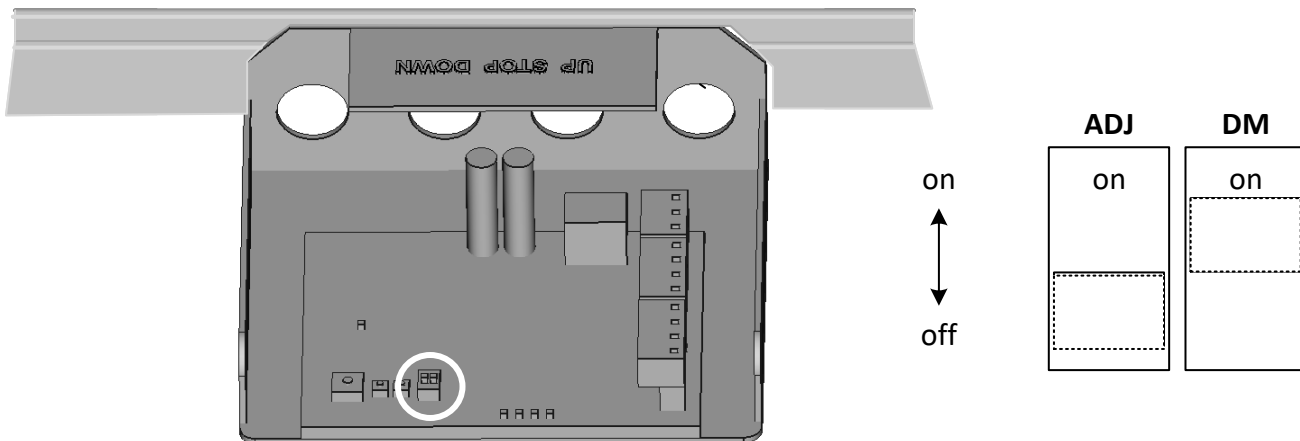


**After adjustment you MUST switch back on the other position! (DeadMan = ON) It's for your safety!**

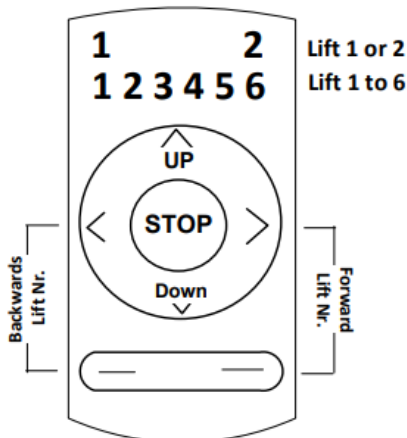


**Important! The Lift has to run to the ceiling end points (stopped automatically) in order to be leveled properly.**

# After the install, Please switch on the **DEADMAN** function



- 1 **UP**
- 2 **Stop**
- 3 **Down**
- 4 **Learn**



## DEADMAN function is for your safety

You push the button 1 / ↑ (UP) or 3 / ↓ (DOWN) and hold it. The lift will stop immediately when you release the button at the remote or controller.

You don't need to press the STOP-button (2)  
Is it not working?

Please switch DEADMAN off and back on.

If something happened at the lift or in the environment  
The lift will stop immediately when you release the button on the remote or controller.

Please hold the button in direction ceiling until both motors stopped by themselves and the platform will re-adjust itself.

During the motor adjustment have the DEADMAN off  
1 (UP), 3(DOWN), 2 (STOP)