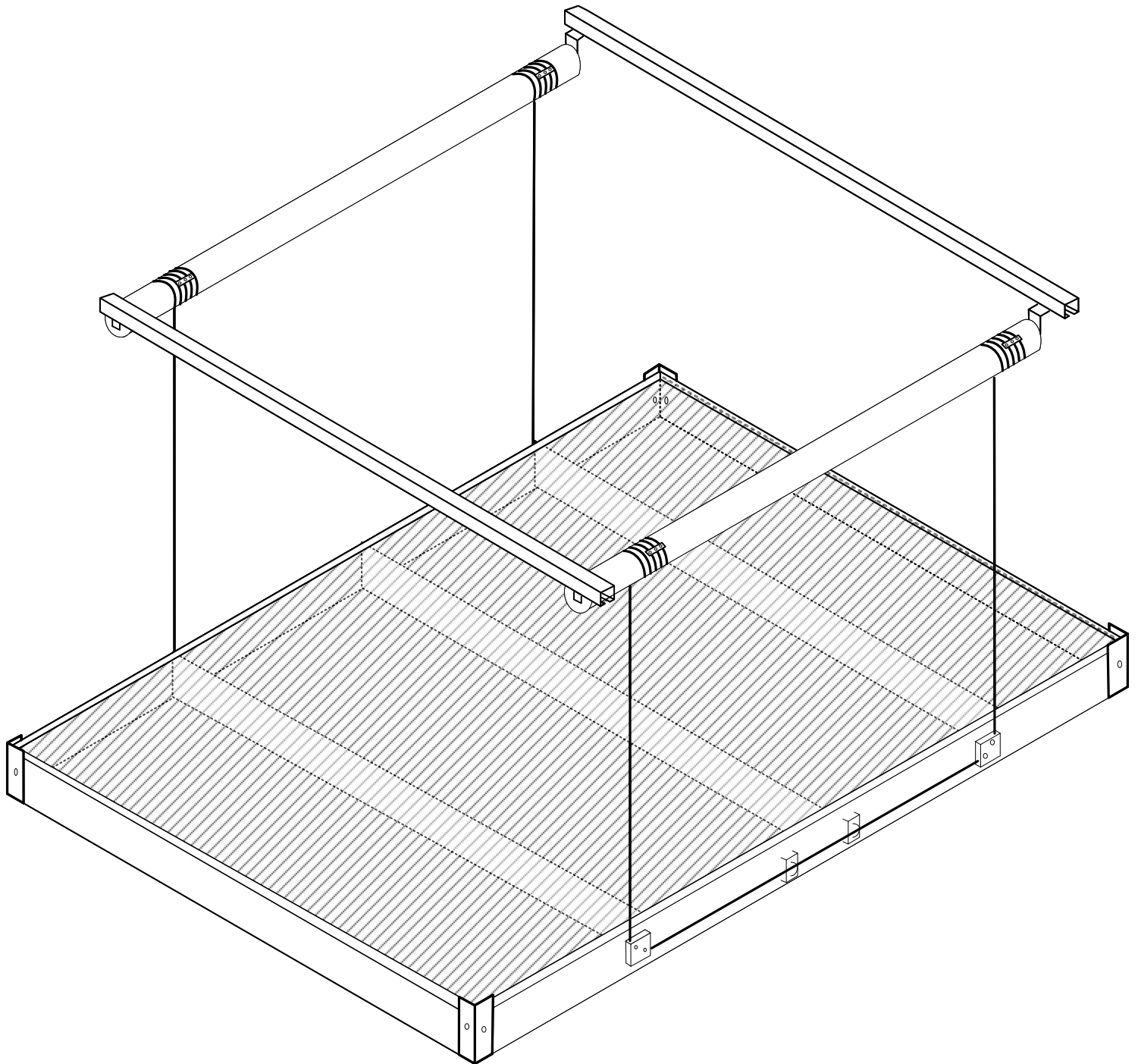


# AUXXLIFT 2400 / 2600



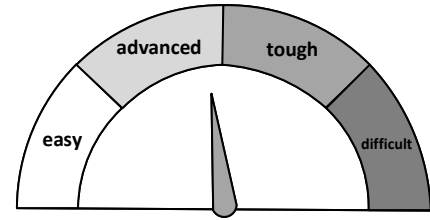
All rights reserved  
US Patent  
Release 07/2023/SW



Design and Quality  
AUXXLIFT of the USA

# Before YOU start

1. Have you read through the instructions?
2. Do you have all the recommended tools?
3. Do you have somebody assisting you?
4. Have you allocated enough time?

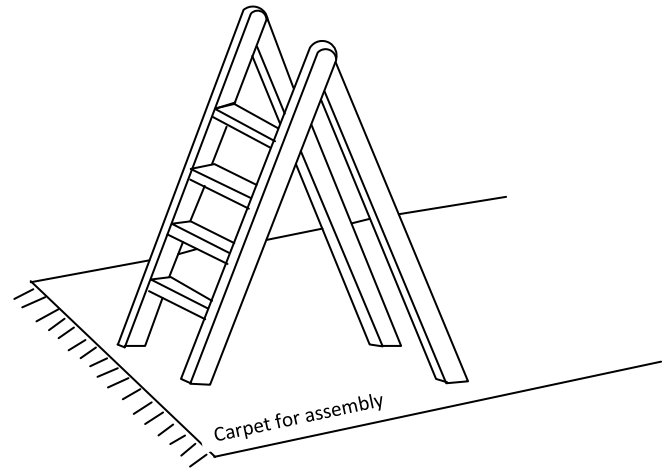


For a professional it takes about 3 hours to install.

## ***What is most important is to follow the instructions***

and read everything carefully before you start.

5. You need a good, stable ladder.
6. Don't use an impact driver.
7. Clean the area before you start.
8. Wear safety glasses!
9. Keep work area clear!



Check measurements during construction.

Make sure that nothing is in the way e.g. windows, doors etc.

10. Does your garage ceiling have or has had termites?
11. Are the joists strong and big enough? (2" x 4" at least)
12. Mounting to a concrete ceiling requires anchors!
13. Has your home been built according to valid standards and guidelines?
14. If you have doubts about the ceiling construction, please ask a specialist!

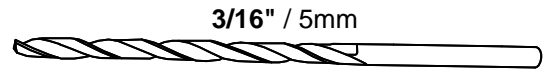
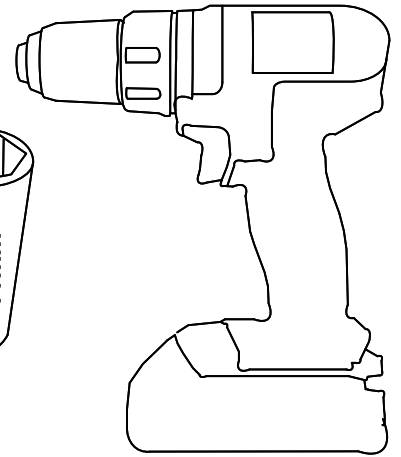
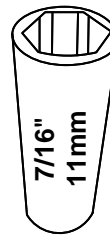
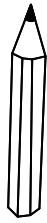
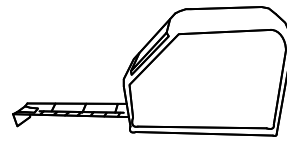
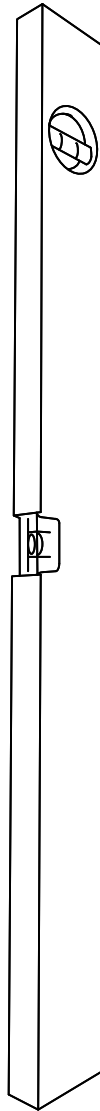
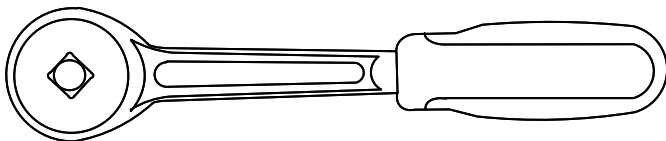
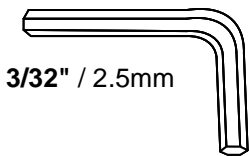
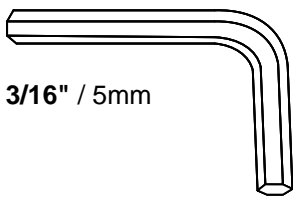
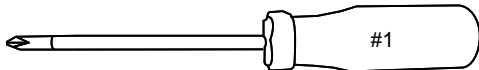
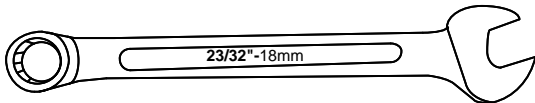
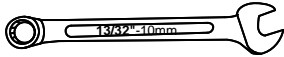
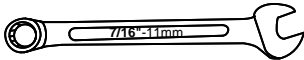
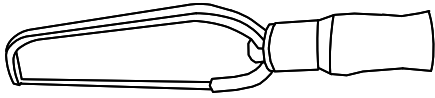
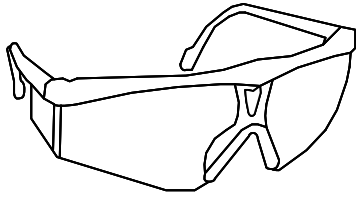
If you have any problems understanding the instructions or you feel uncomfortable handling the installation, please ask a handyman or work with a contractor. Call/ write us if you need help or have concerns or questions.



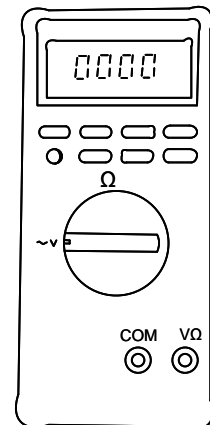
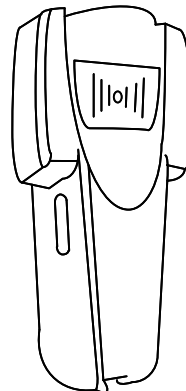
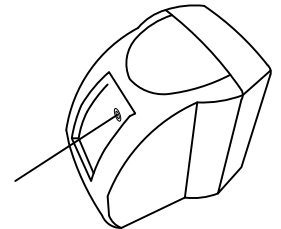
[www.auxx-lift.com](http://www.auxx-lift.com)

Help phone: PST 10 am -3 pm 1 805 862 8271

# RECOMMENDED TOOLS

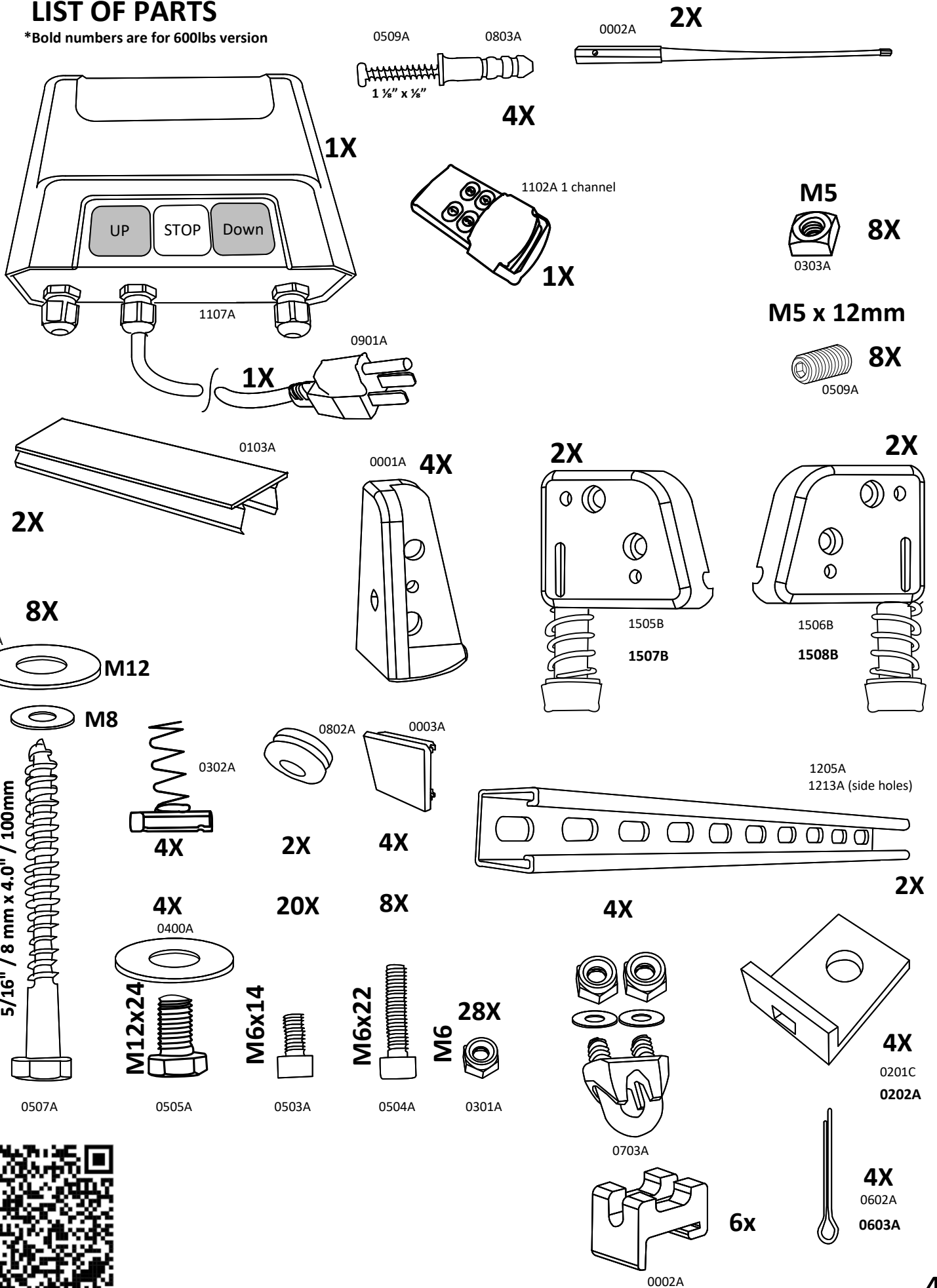


## Nice to have



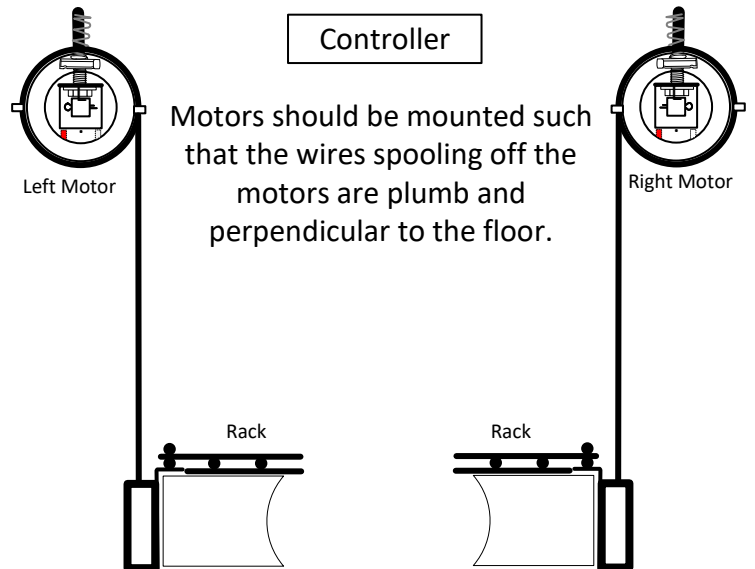
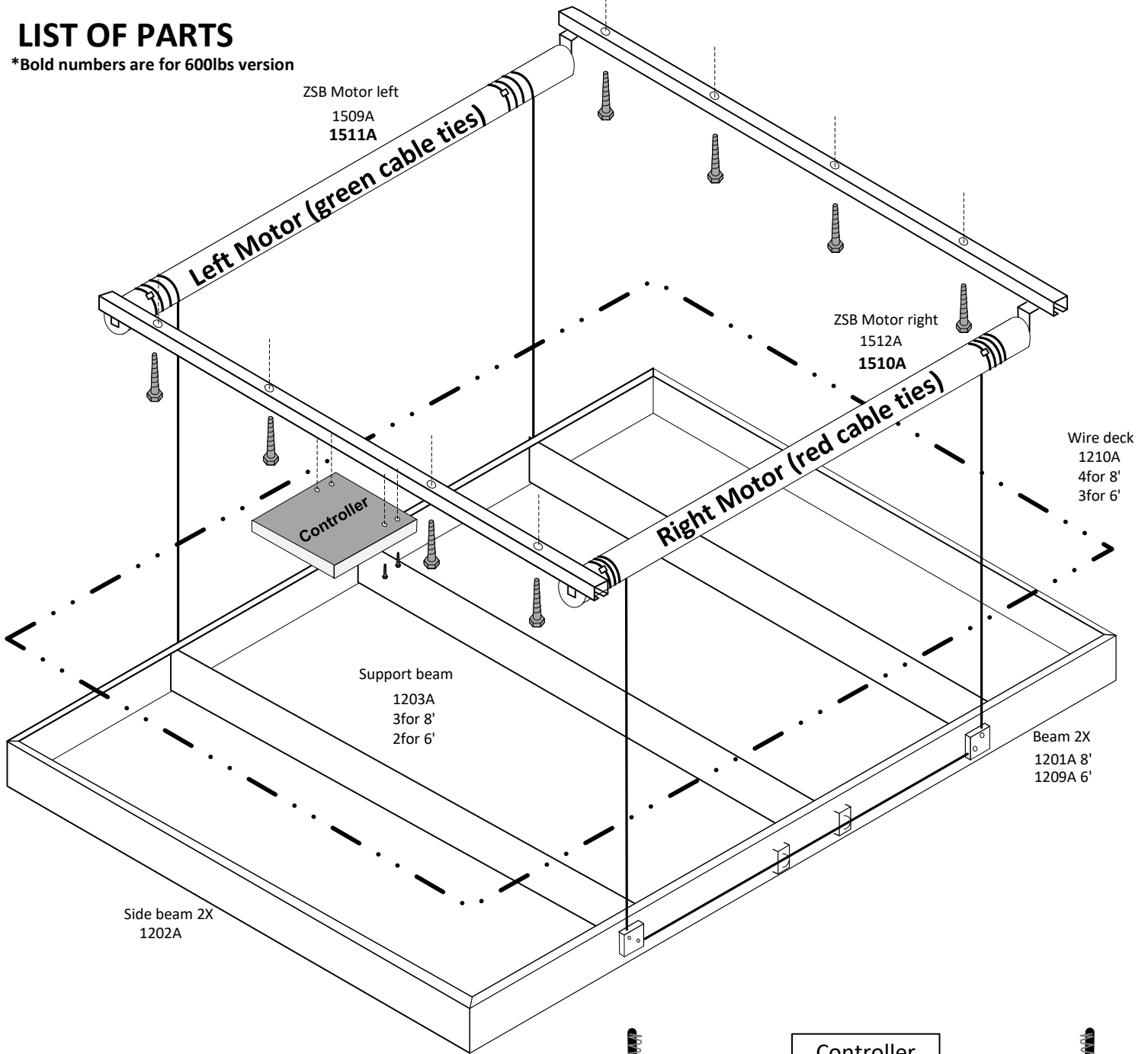
# LIST OF PARTS

\*Bold numbers are for 600lbs version



# LIST OF PARTS

\*Bold numbers are for 600lbs version

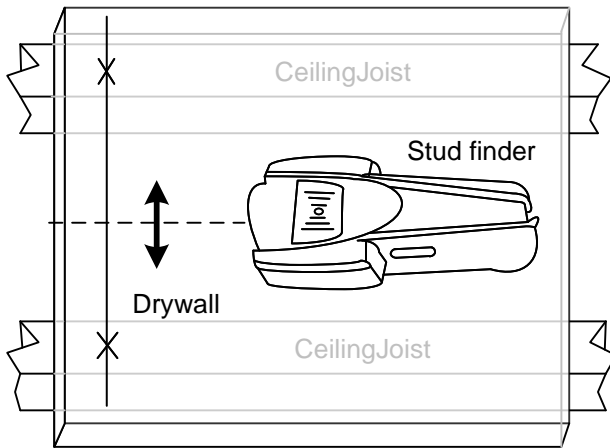


**i** Information

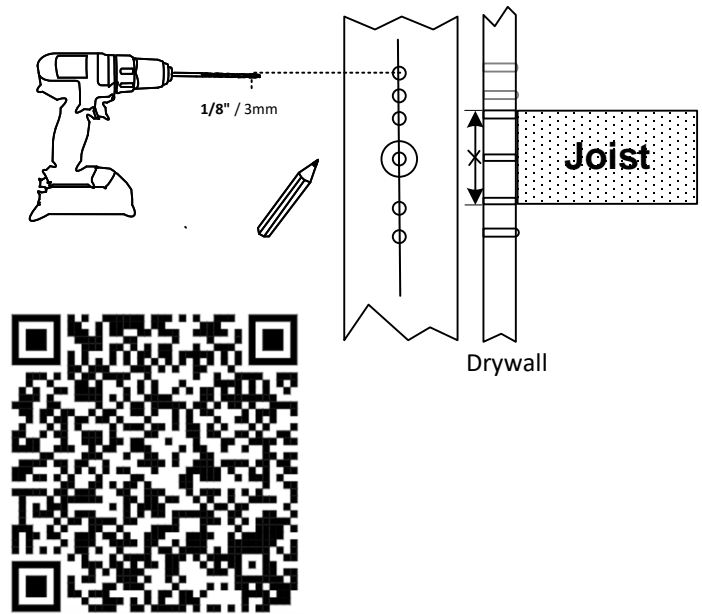
**t** Troubleshooting



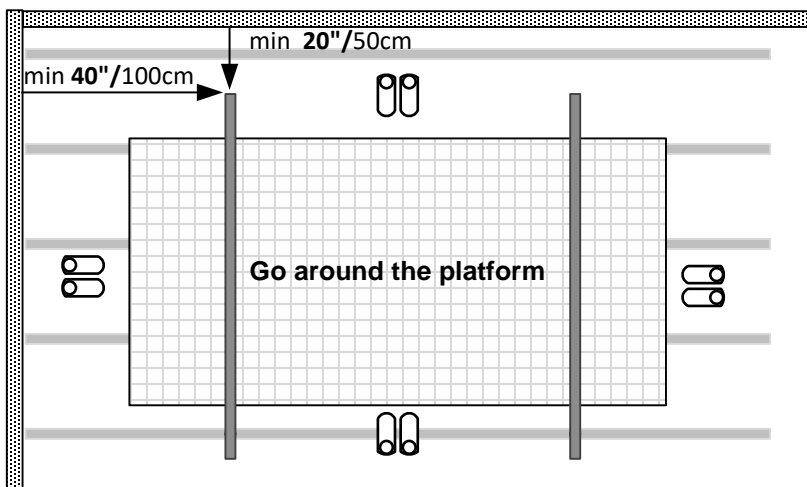
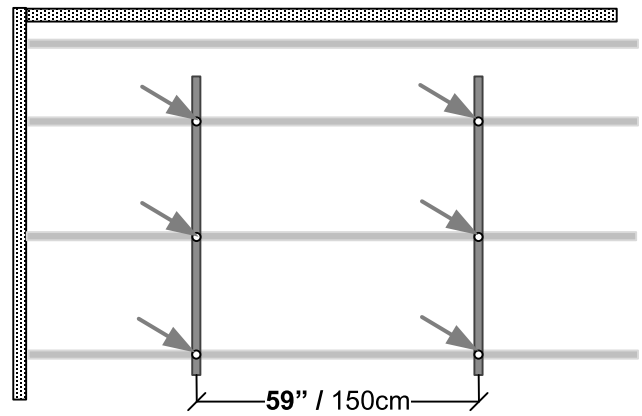
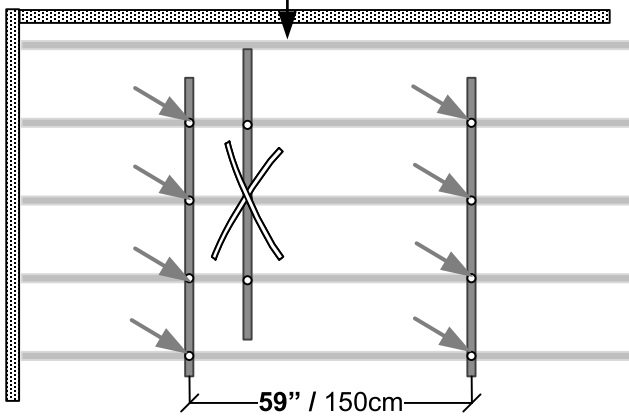
Option 1



Option 2



Rail overhang on joists should be less than 12" / 30cm

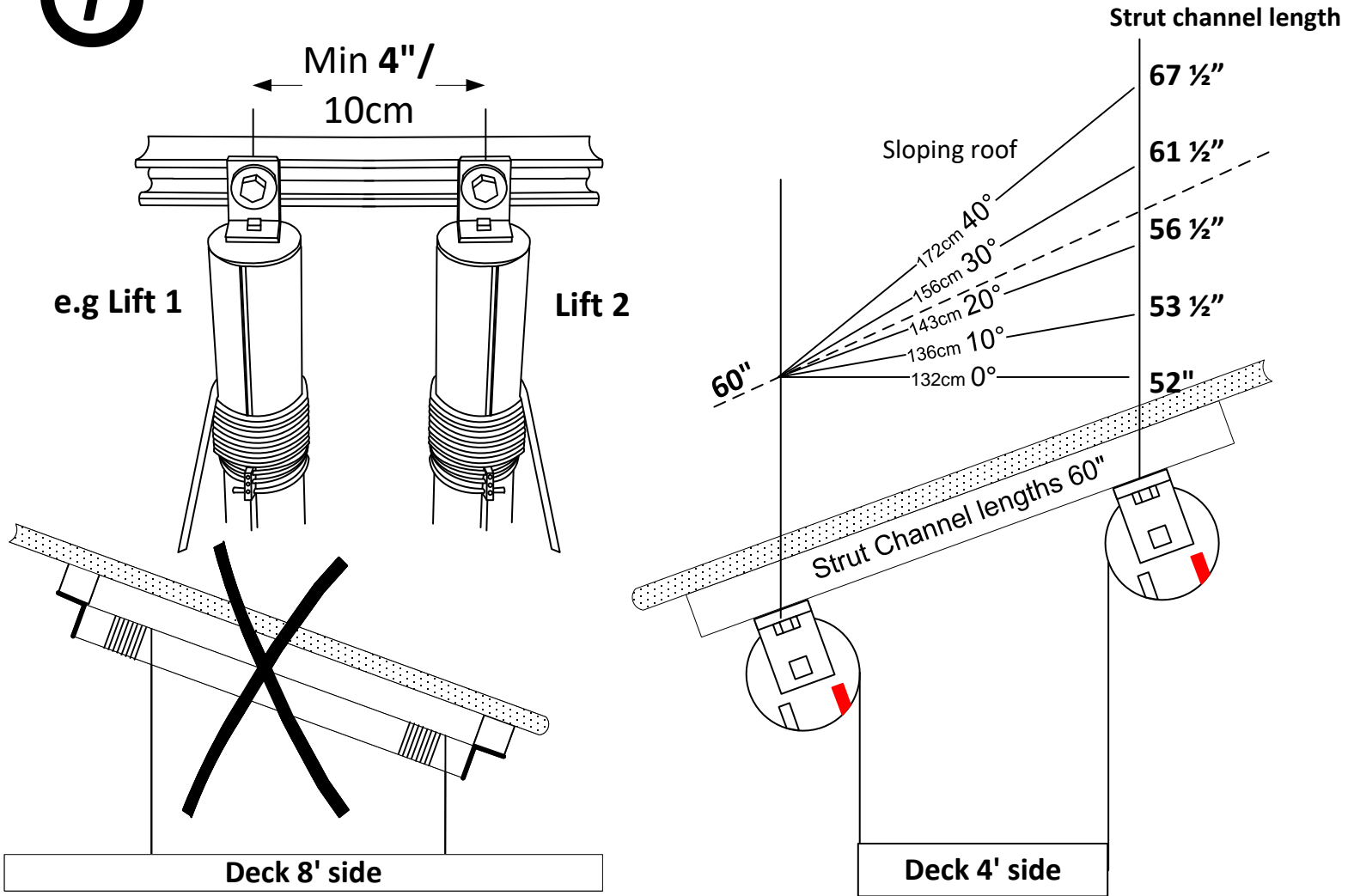


**! If you have doubts about the ceiling construction, please ask a specialist!**

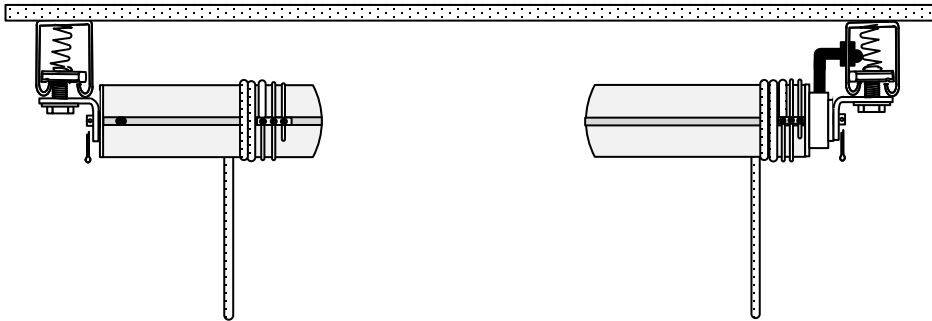
*For installations where joists are rotated 90°, please visit Page 11  
Minimum Required Area, please visit Page 10*



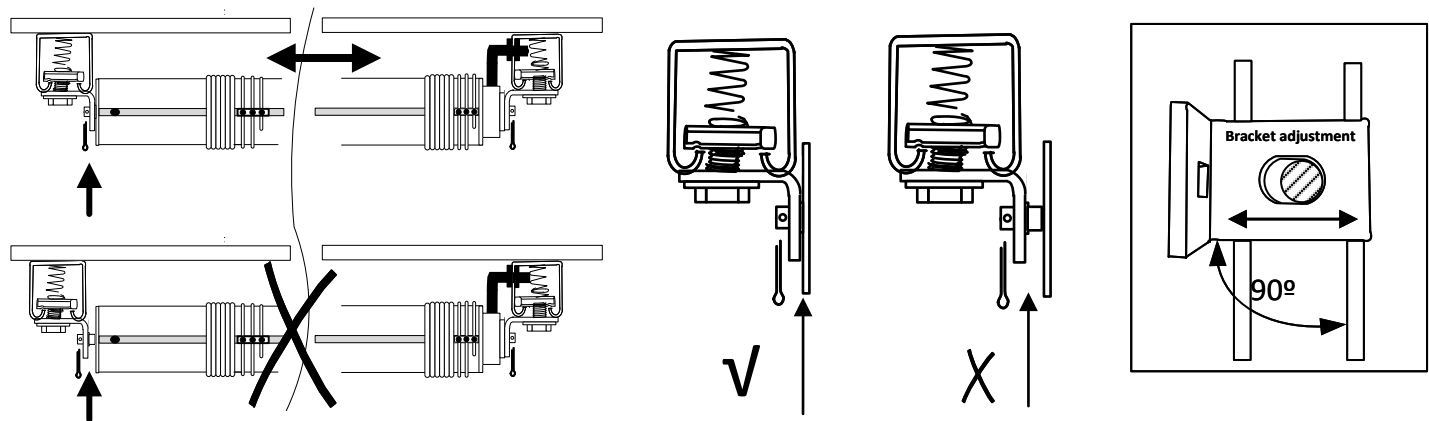
# Do's and Don'ts

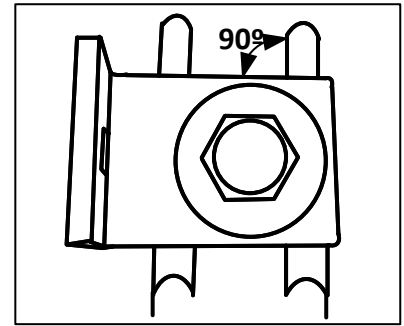
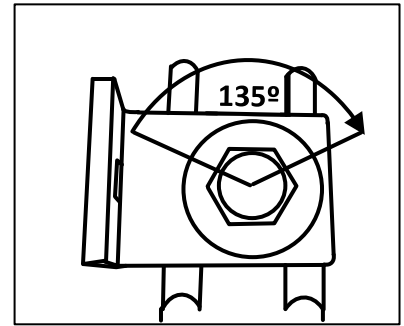
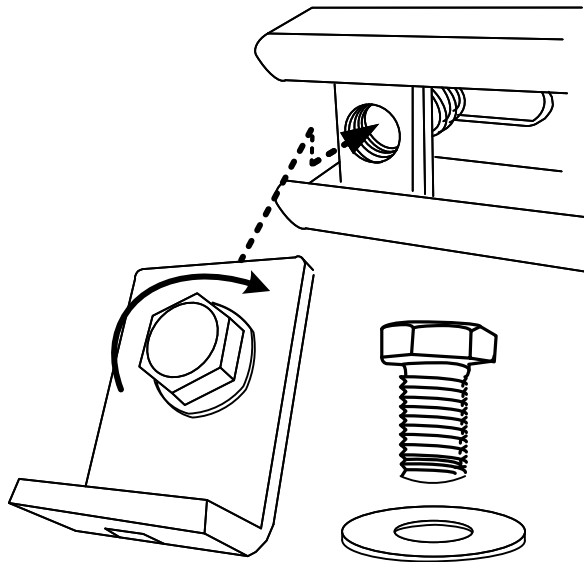
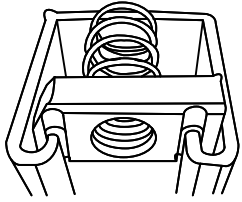


## Maximum Uncoil

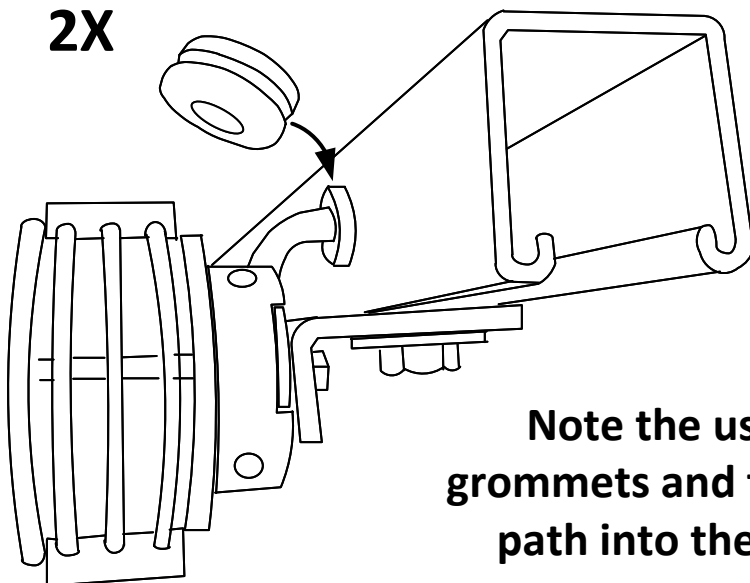
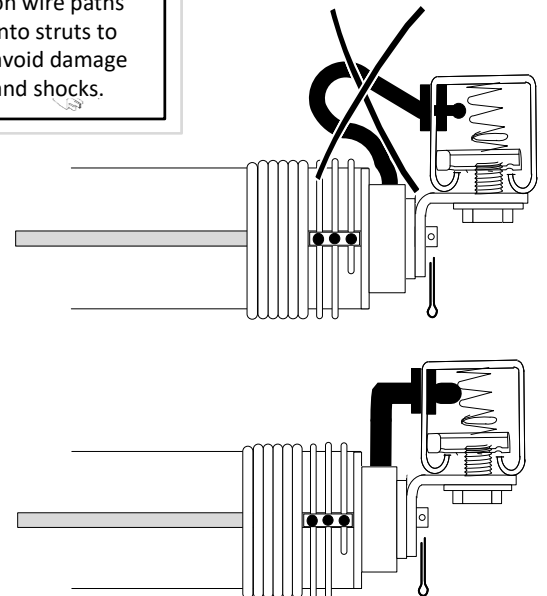
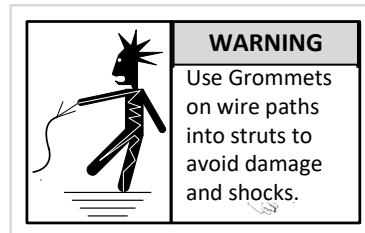
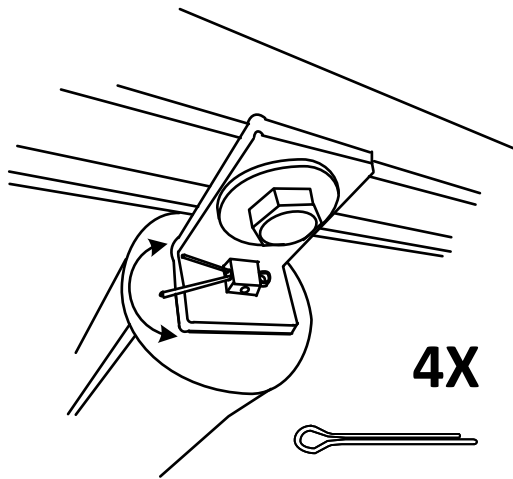
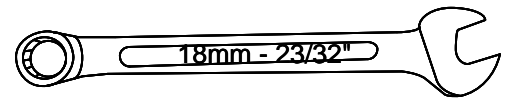


Gap between bracket and motor should not exceed 1/16" / 1mm





Tighten screw until the washer no longer rotates. Then tighten screw another 135° in the same direction.

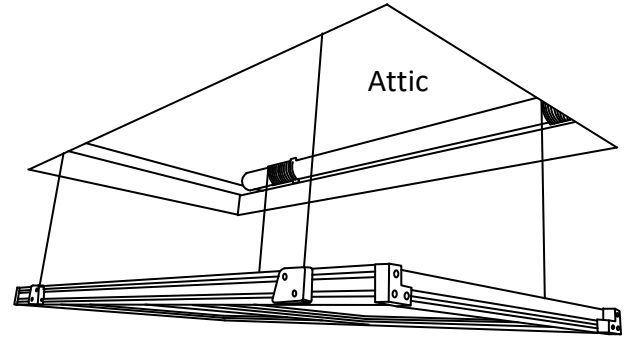
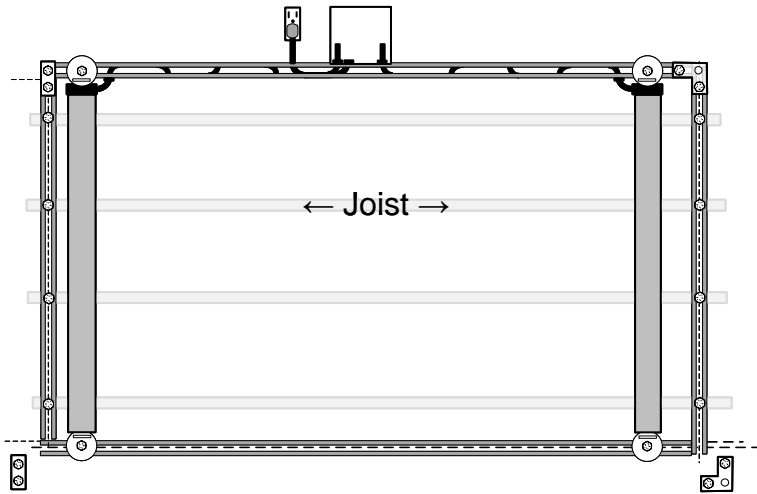
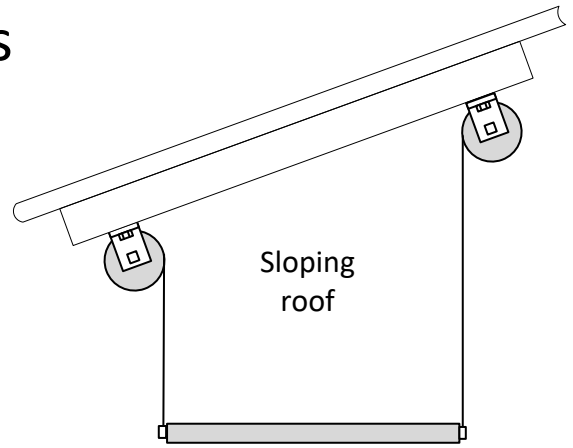
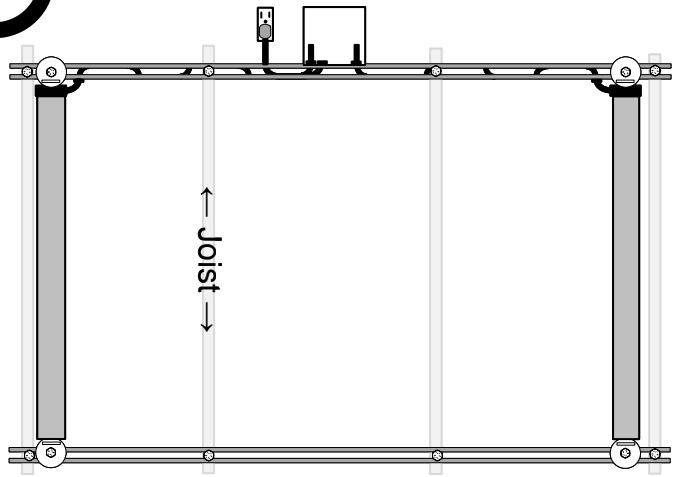


Note the use of grommets and the wire path into the strut





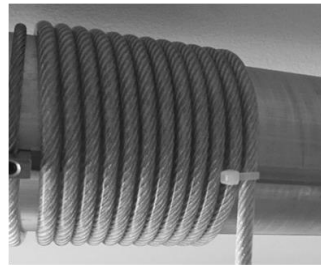
# Options



## Projects in which the wire rope lose tension



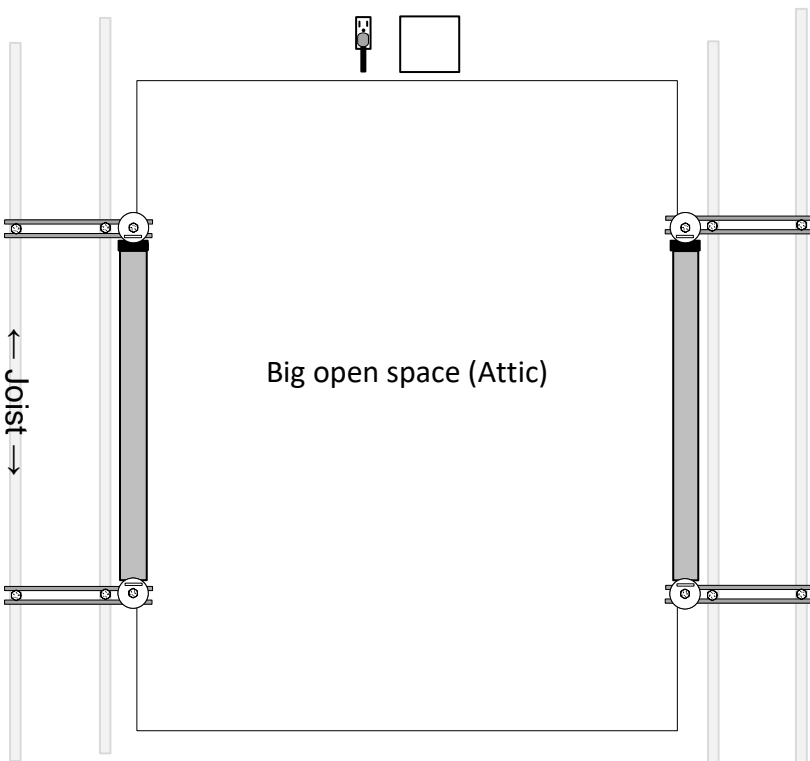
Wire rope wound up



Maximum unwound  
Cable tie tightened around the last two turns

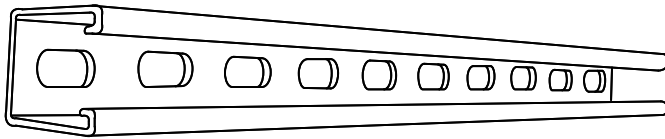


Even without tension the cable wraps are neatly side by side and no overlapping.



# 1

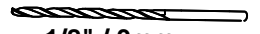
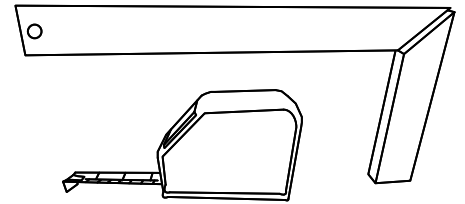
Strut Channels



2X



2X



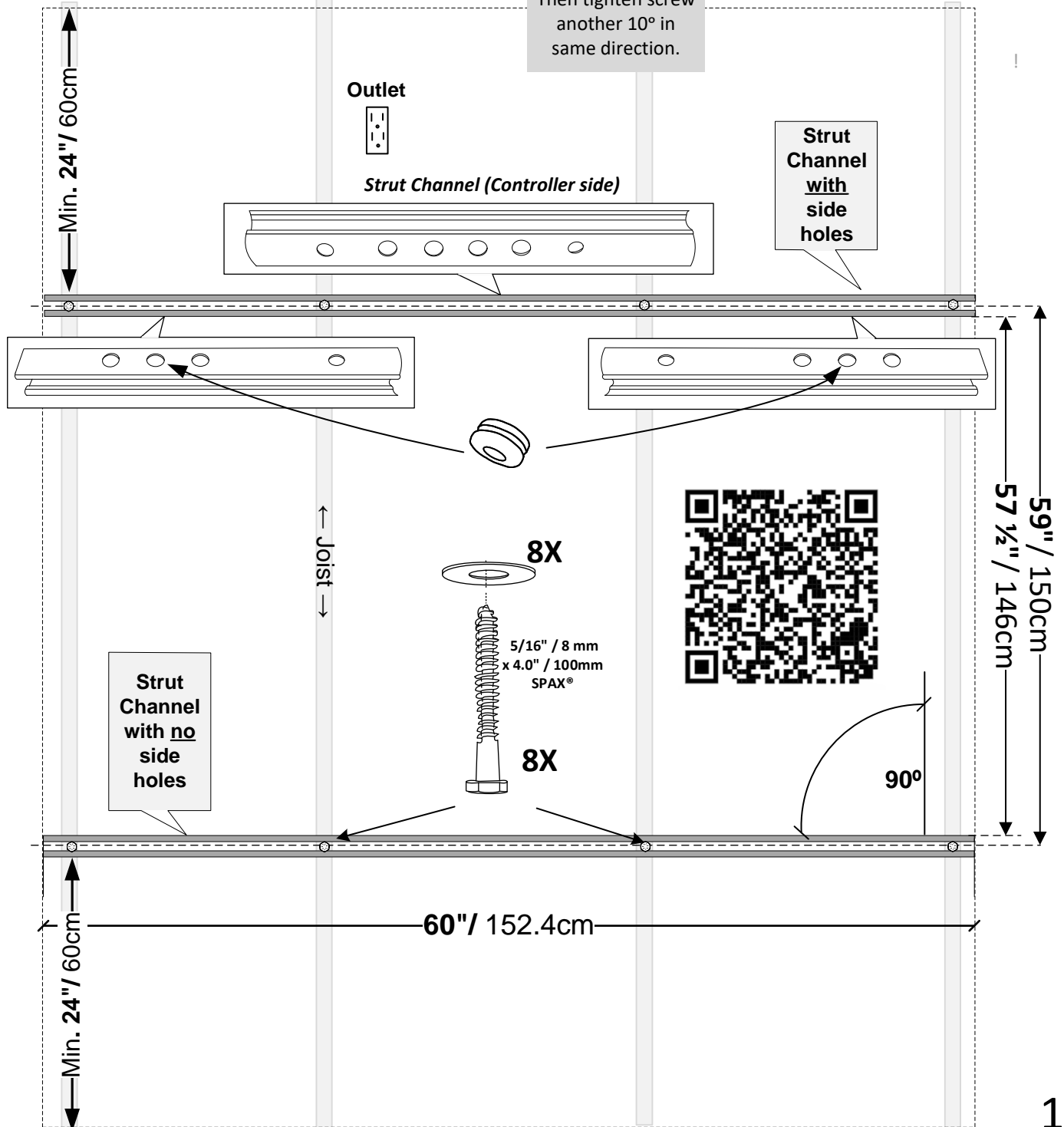
1/8" / 3mm  
(For pilot hole)

## Warning!

DO NOT use an Impact Driver to tighten the Lag screws!  
Tighten screw until the washer no longer rotates.

Then tighten screw another 10° in same direction.

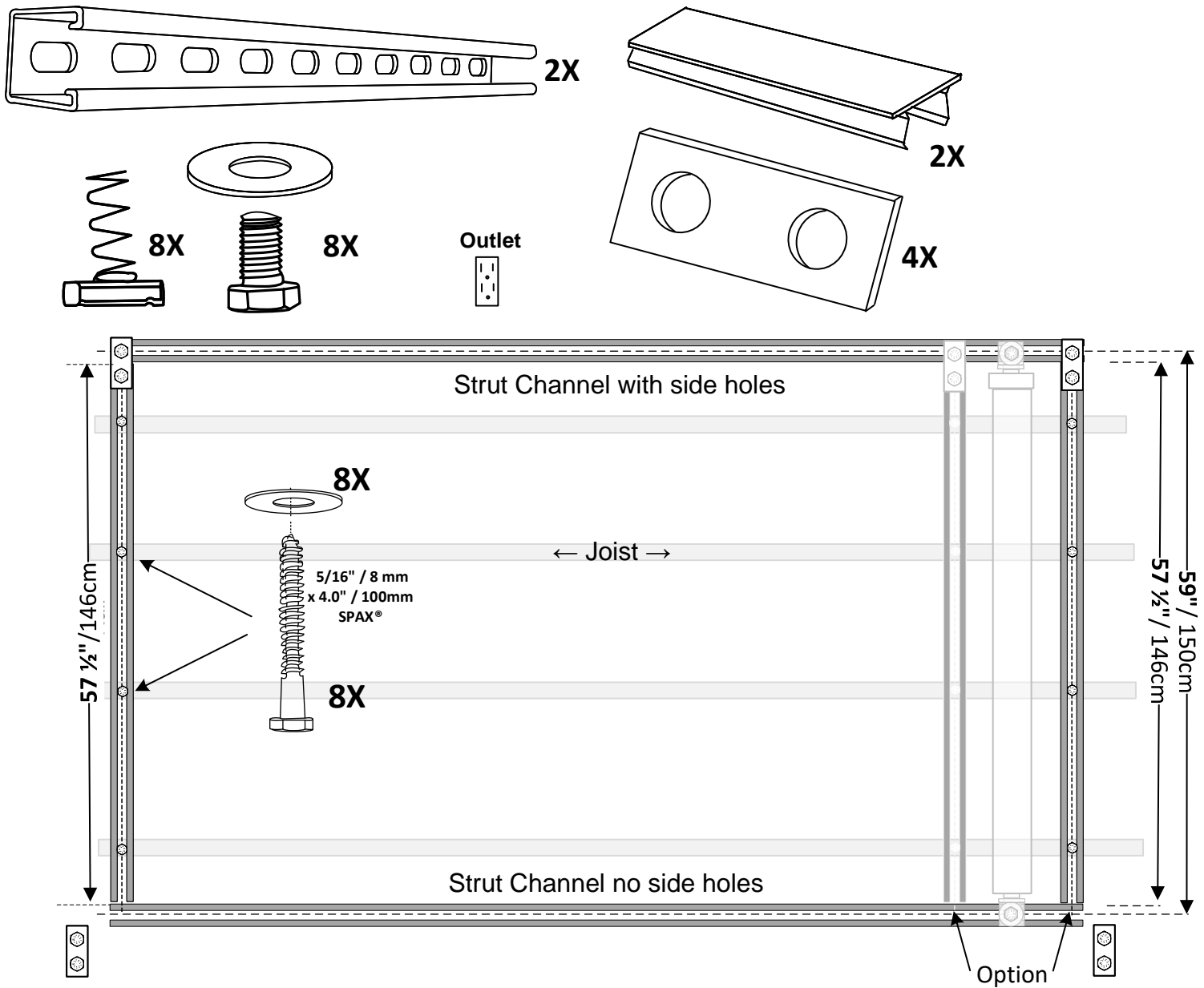
## Min. Required Area



# 2

Strut Channels

## Joists rotated 90° from Standard: Extra Strut Channels required (not included)



Extra material for this configuration is not included. You will find the below materials at any big-box hardware store or order it from us (contact us).

1x Strut Channel 10'

8x Strut Spring Nuts 1/2"

8x Strut Screws Hex-Head Bolt

4x Strut Brackets

Model # ZA12HS10EG

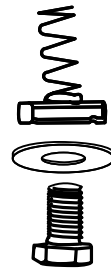
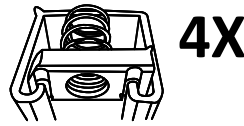
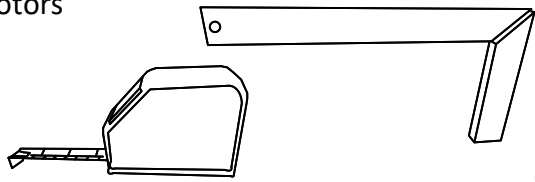
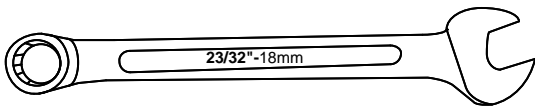
Model # ZA1001/2EG-10

Model # ZE142121516EG10

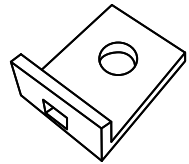
Model # ZAB206EG-10

# 3

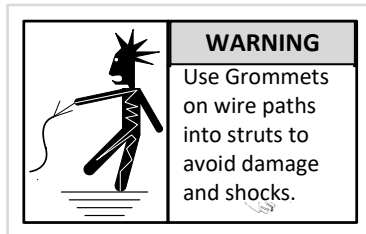
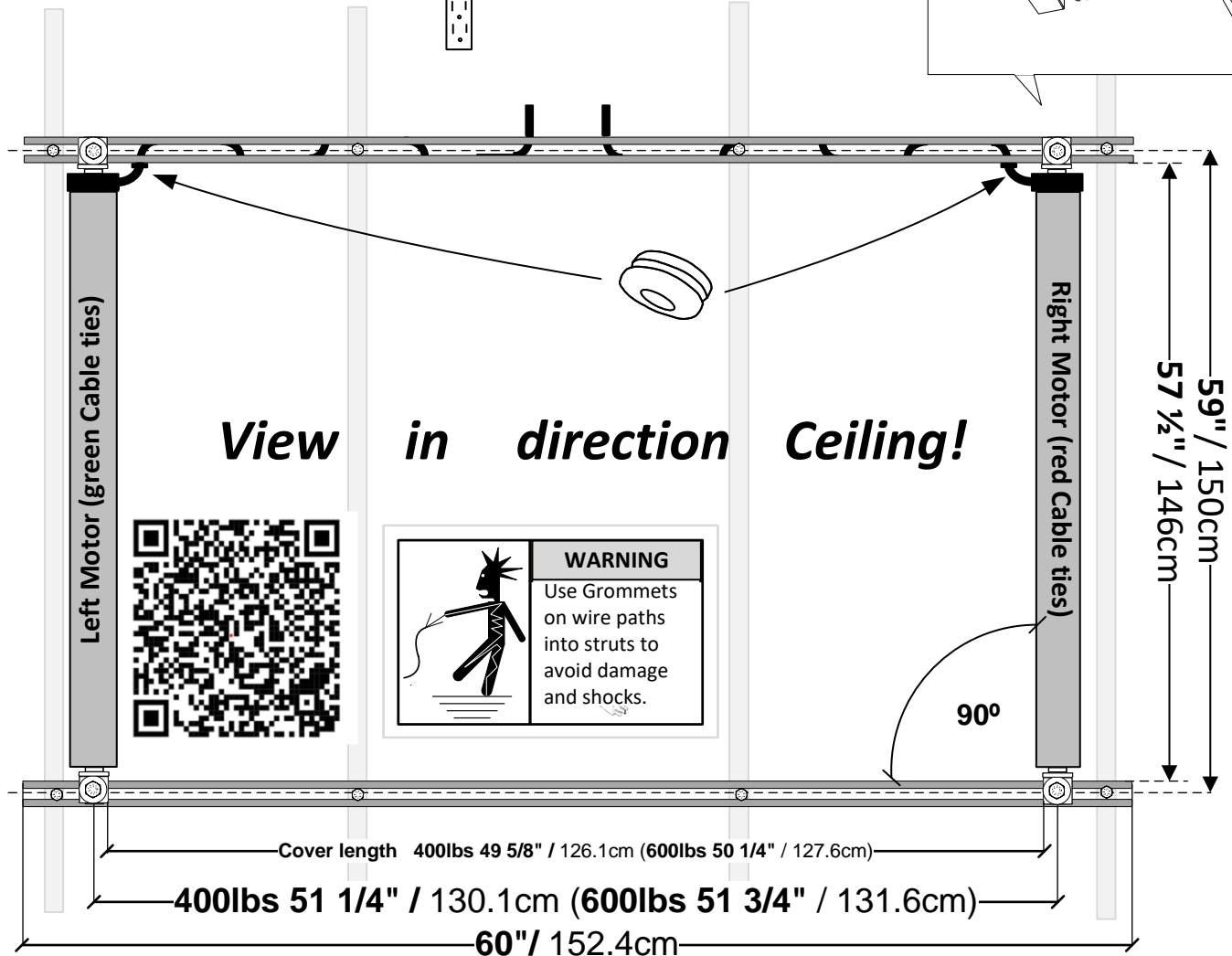
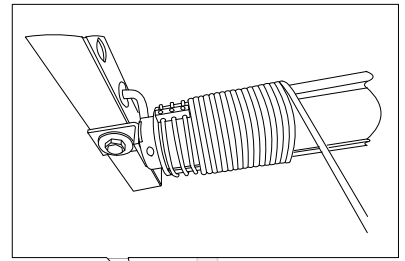
Motors



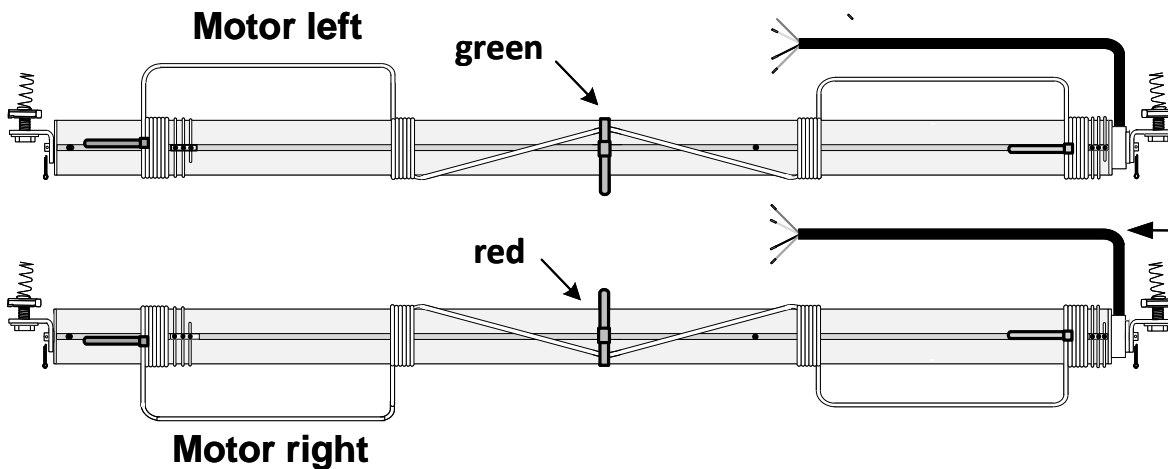
4X



Outlet



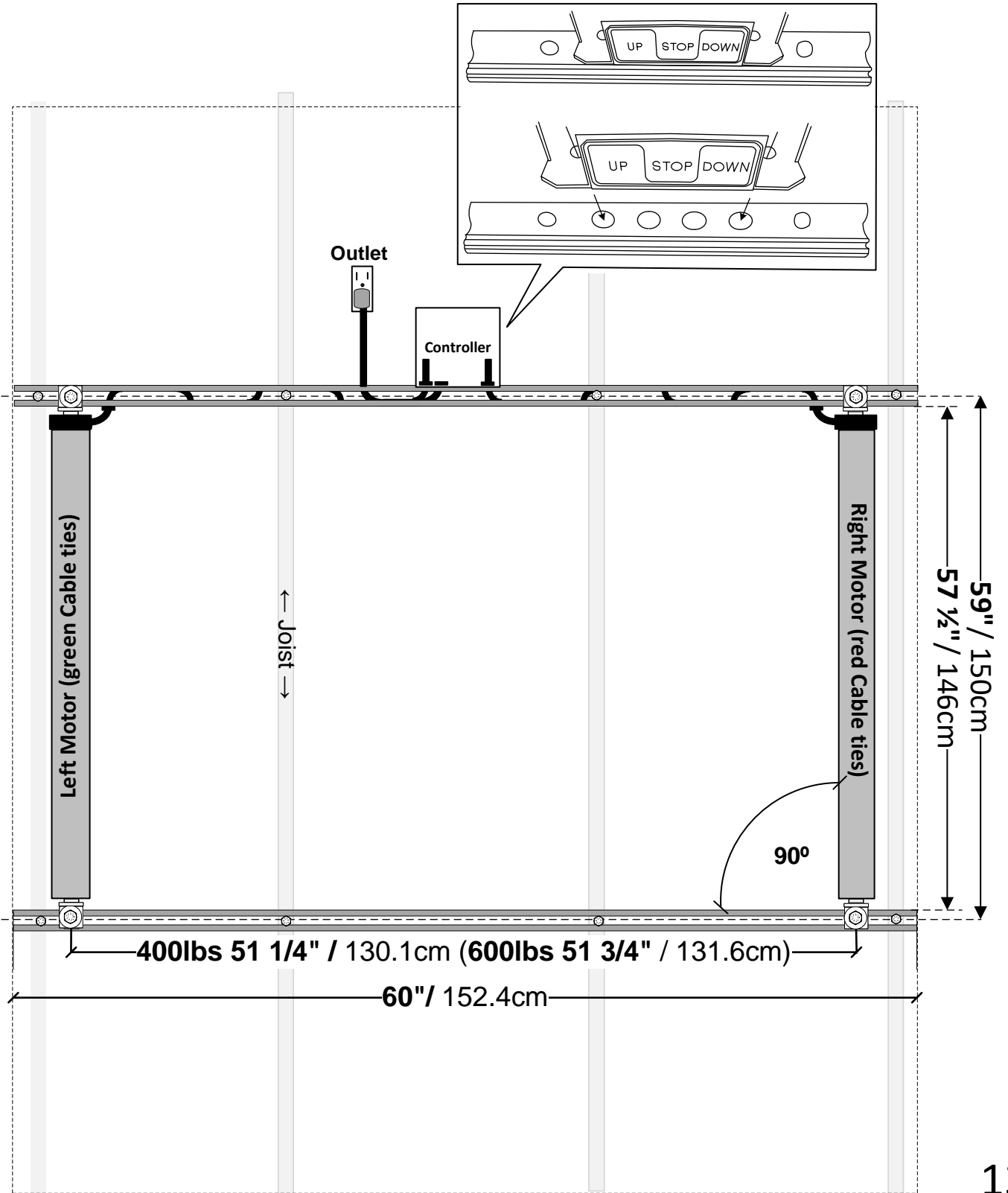
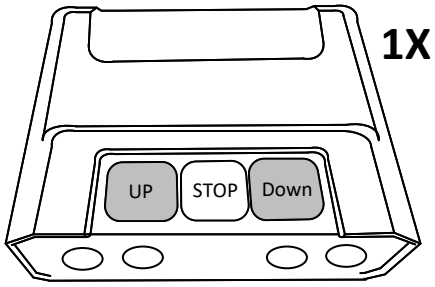
*If Lift platforms are 3' x 6' or 3' x 8', install Motors 12" closer together ( -30.48cm )*



The black cables that come out of the motors needs to come straight up towards ceiling.

# 4

Controller

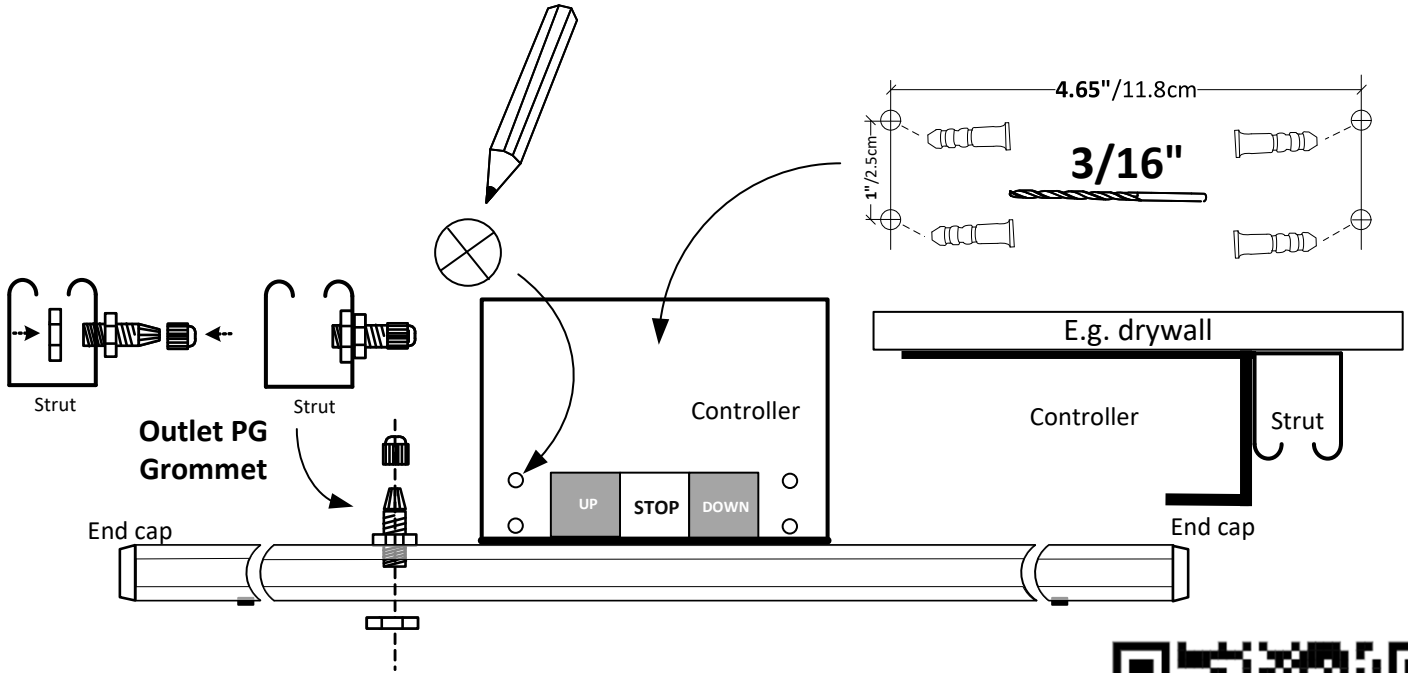
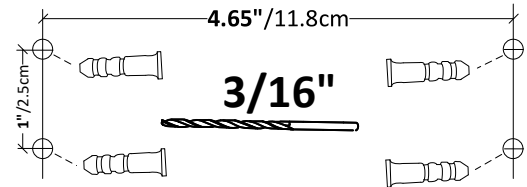
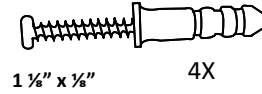
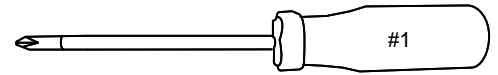


# 5

Controller

## CONTROLLER MOUNTING OPTIONS

### If Drywall/Concrete Ceiling:

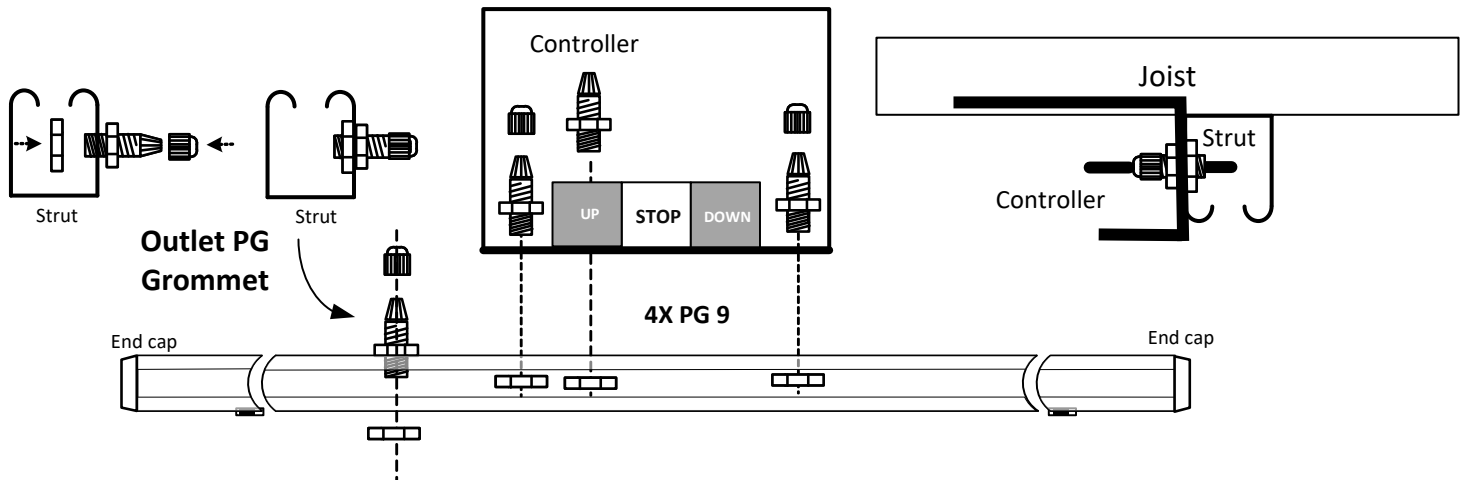


- Use anchors for dry wall/concrete ceilings
- For outlet, always use PG grommets!

Installing the controller



### If NO Drywall/Concrete Ceiling (open ceiling):



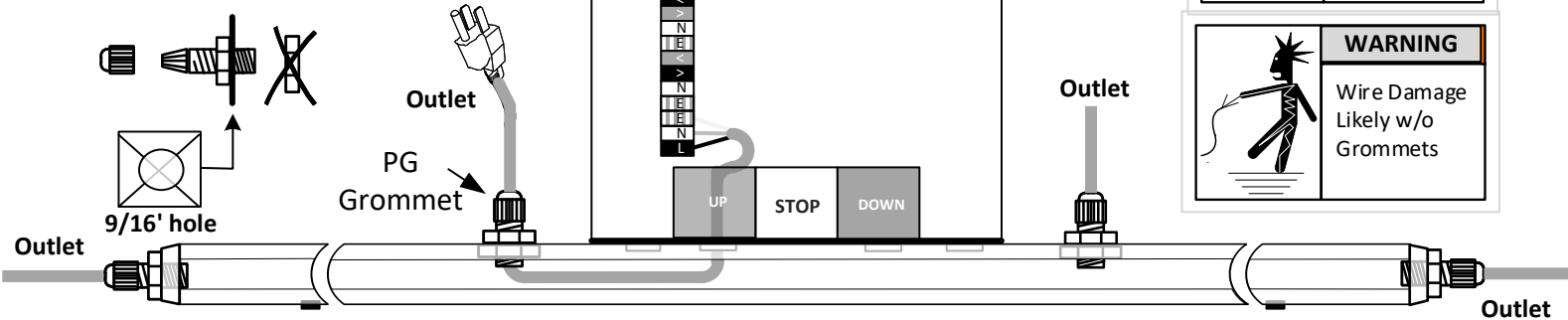
- PG grommets: If you have only joists, not e.g. drywall.
- For outlet, always use PG grommets!

# 6

Wiring

## Controller wiring

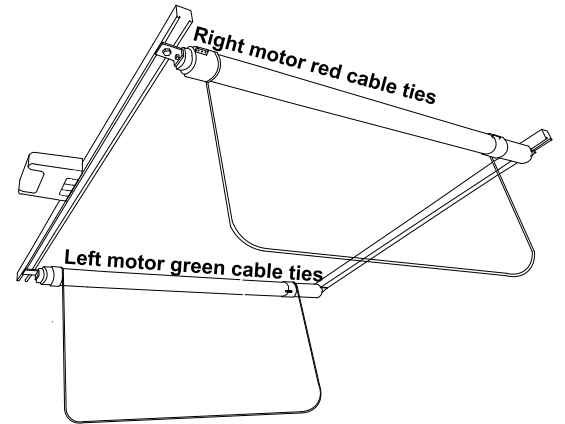
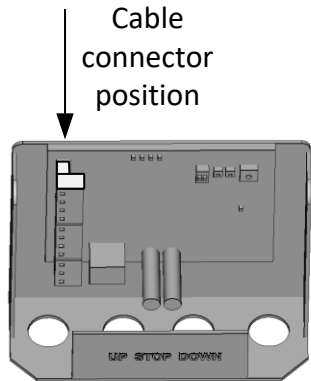
Several options are available to route the power cable to the nearest outlet.



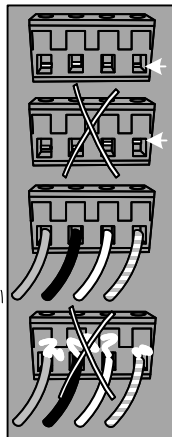
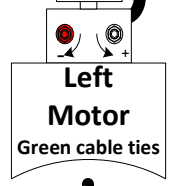
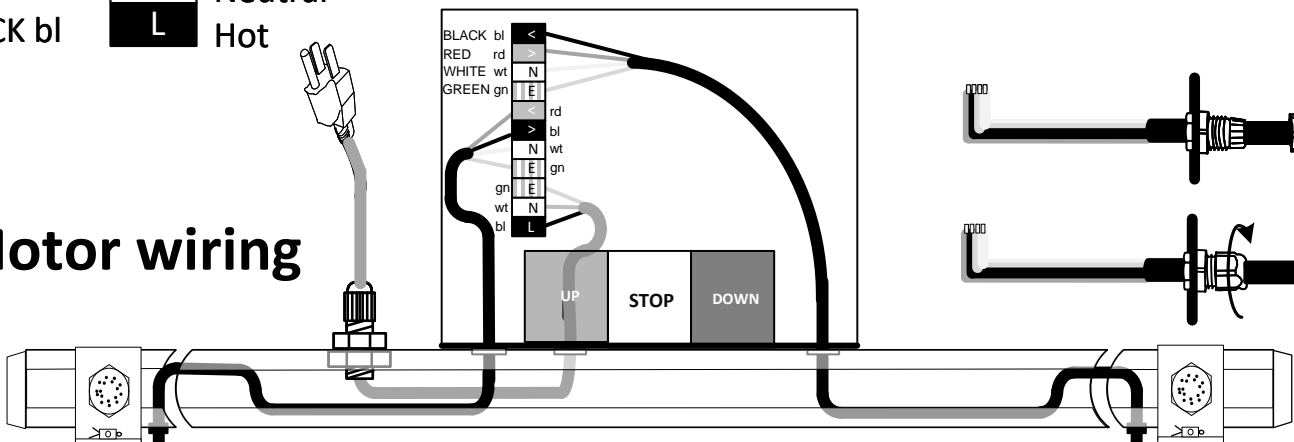
**WARNING**  
Shock Hazard  
Disconnect power before working on wiring

**WARNING**  
Wire Damage  
Likely w/o Grommets

- |          |   |         |
|----------|---|---------|
| BLACK bl | < | Down    |
| RED rd   | > | UP      |
| WHITE wt | N | Neutral |
| GREEN gn | E | Earth   |
| RED rd   | < | Down    |
| BLACK bl | > | UP      |
| WHITE wt | N | Neutral |
| GREEN gn | E | Earth   |
| GREEN gn | E | Earth   |
| WHITE wt | N | Neutral |
| BLACK bl | L | Hot     |



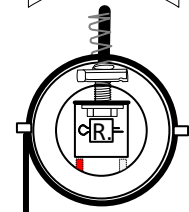
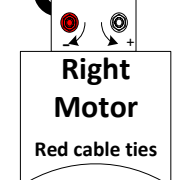
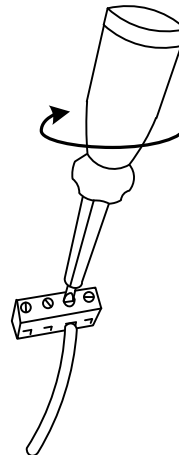
## Motor wiring



Motor Connector

*Before connecting to the outlet, make sure that all wires are tightly connected*

Wires are connected by tightening binding screws on the top of the green motor connector blocks

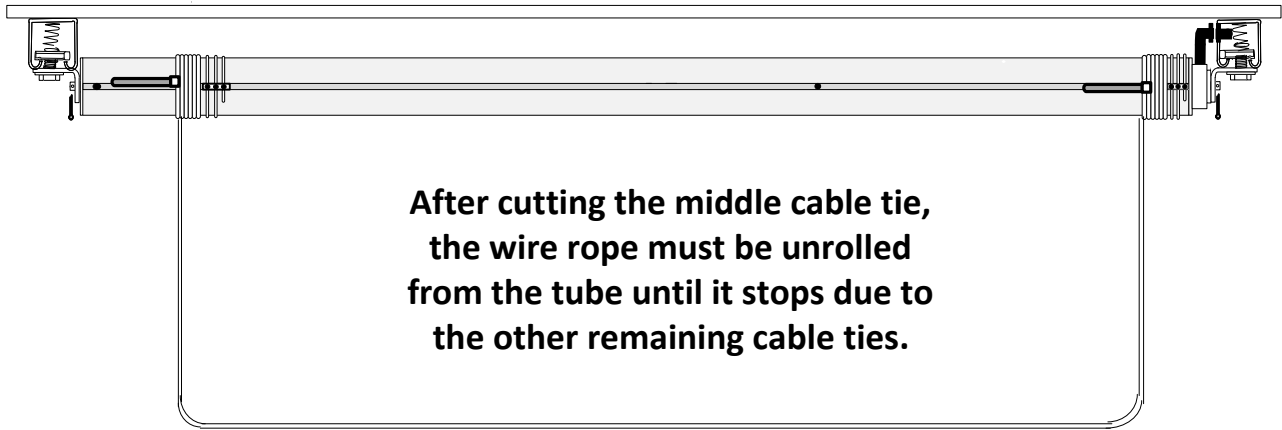
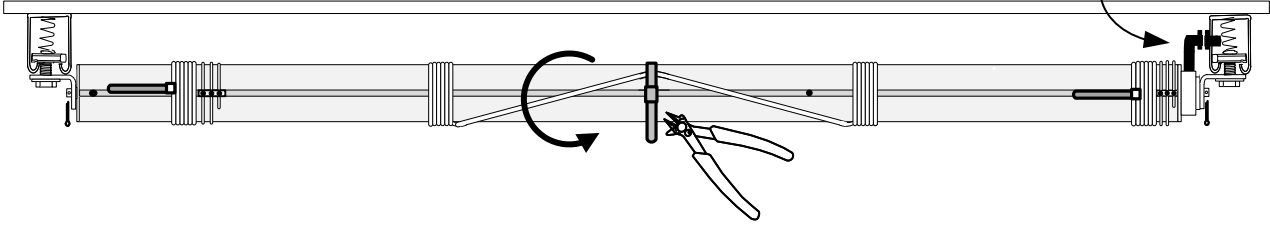


# 7

## Wire rope

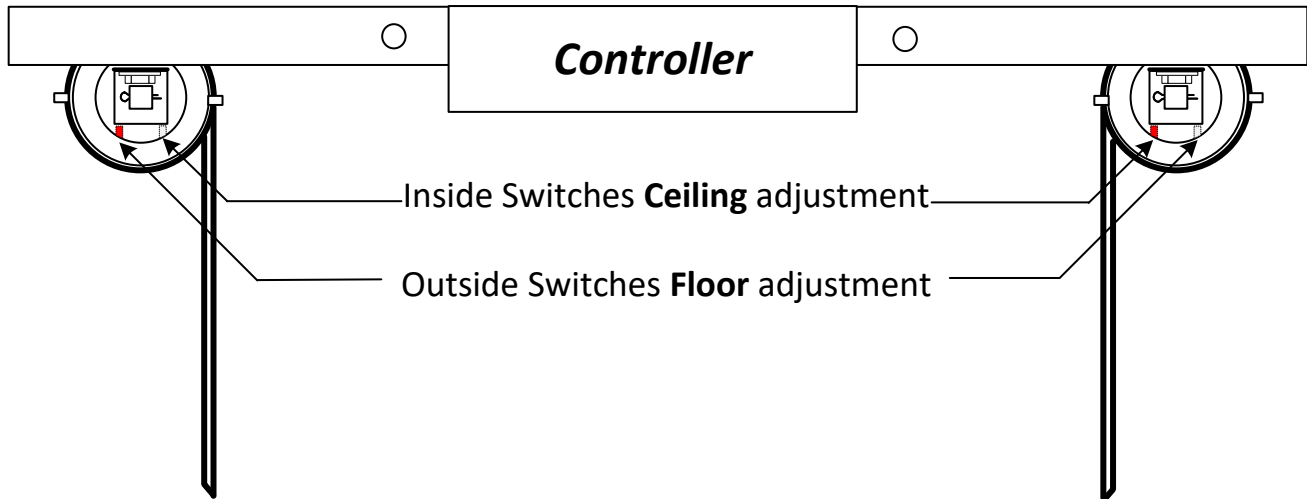
Left Motor, green cable ties

Cable in direction ceiling



Left motor  
Green cable ties

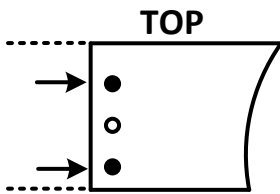
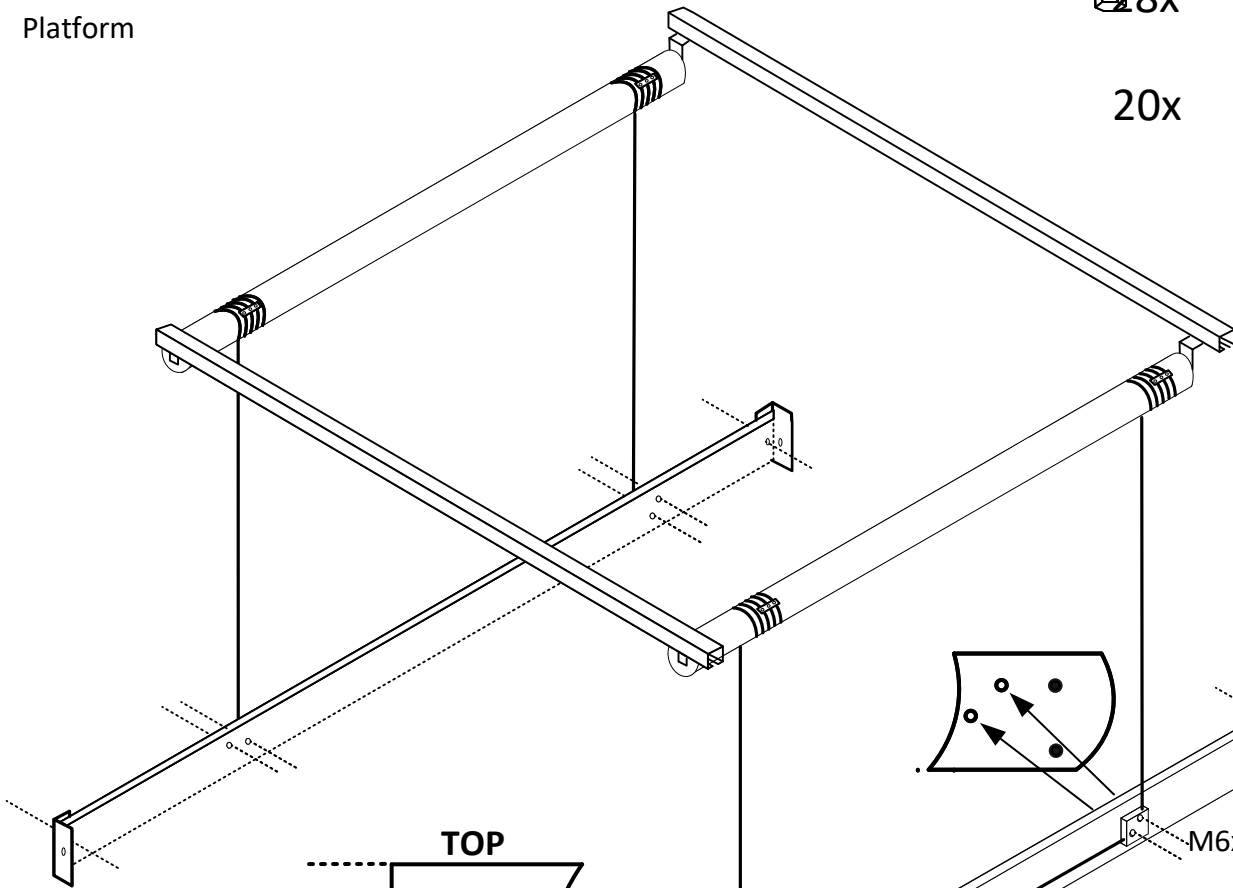
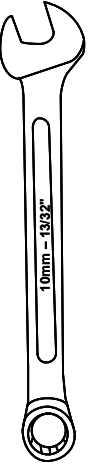
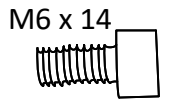
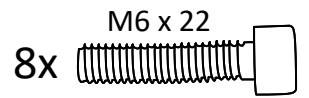
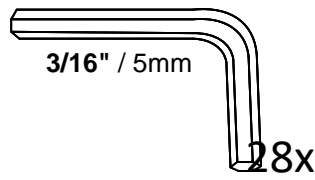
Right motor  
Red cable ties



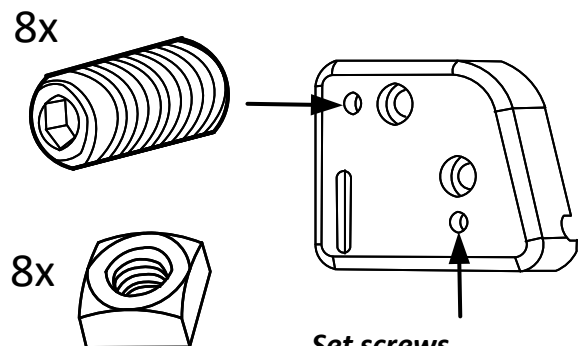
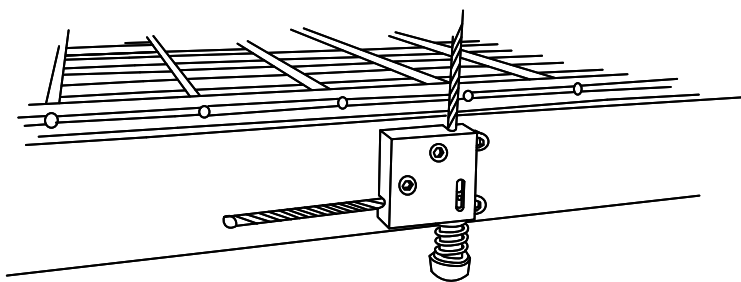
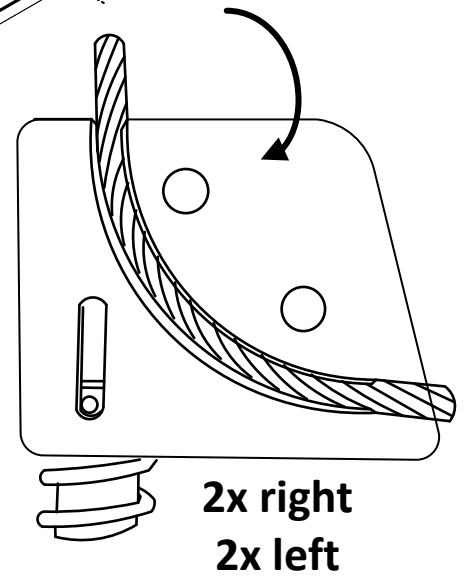
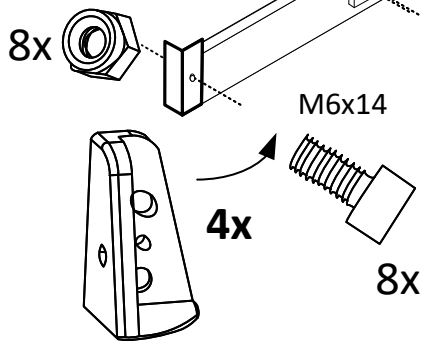


# 8

## Platform



### Installing the platform

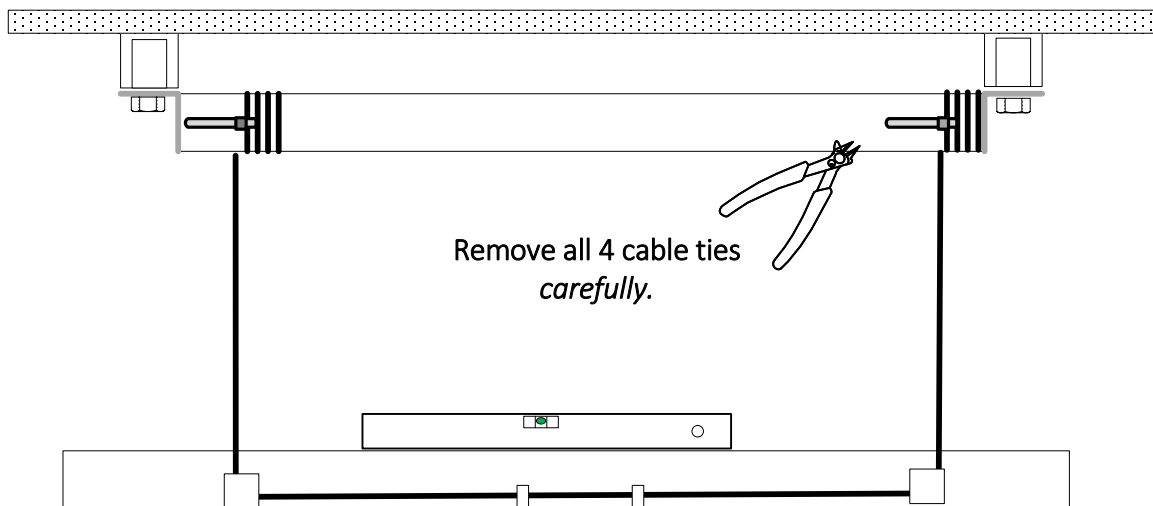
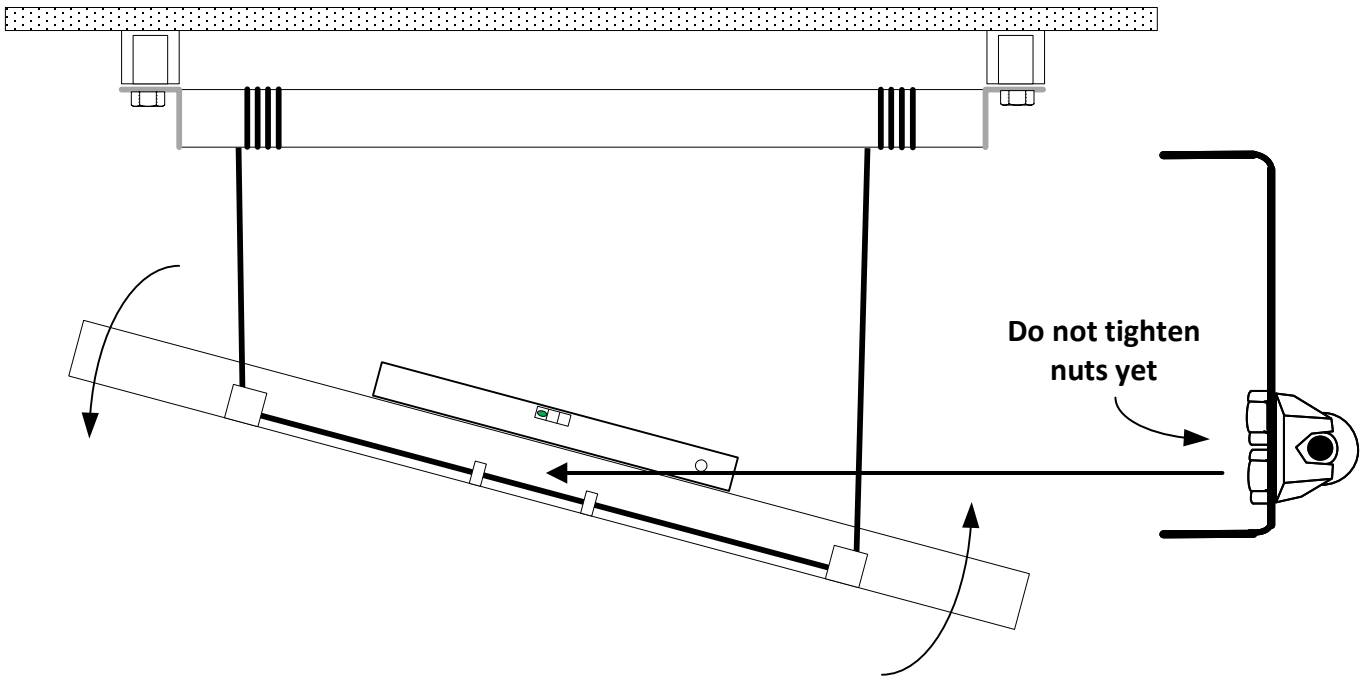
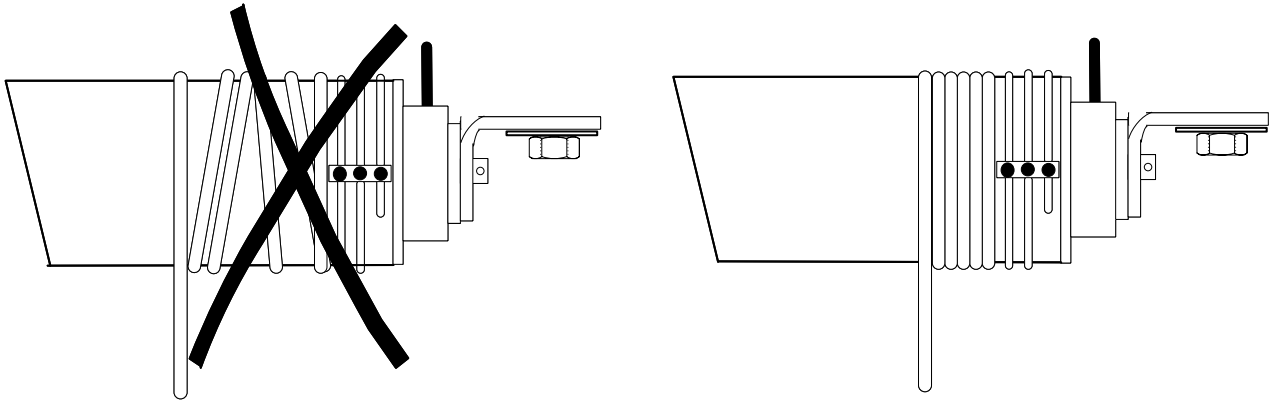


Set screws  
Do not tighten yet!



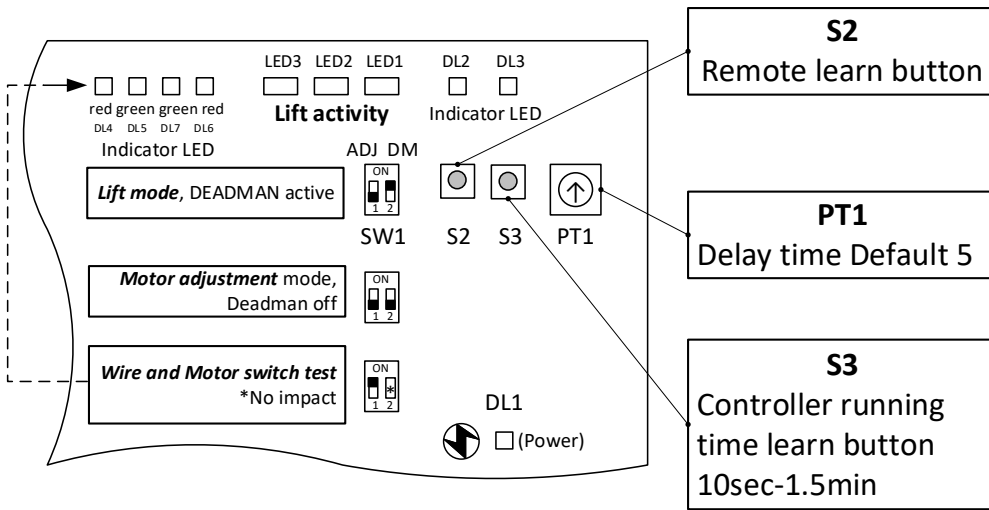
# 10

## Length Beam adjustment





# Motor Adjustment (leveling), Preparation

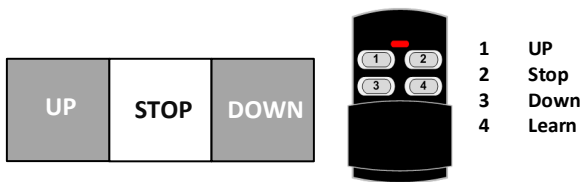


**DeadMan off- press key (up/down) once and the lift runs. Press STOP 2 This function for adjustment only!**

**Do not use PT1  
S2 and S3 for  
adjustment!**

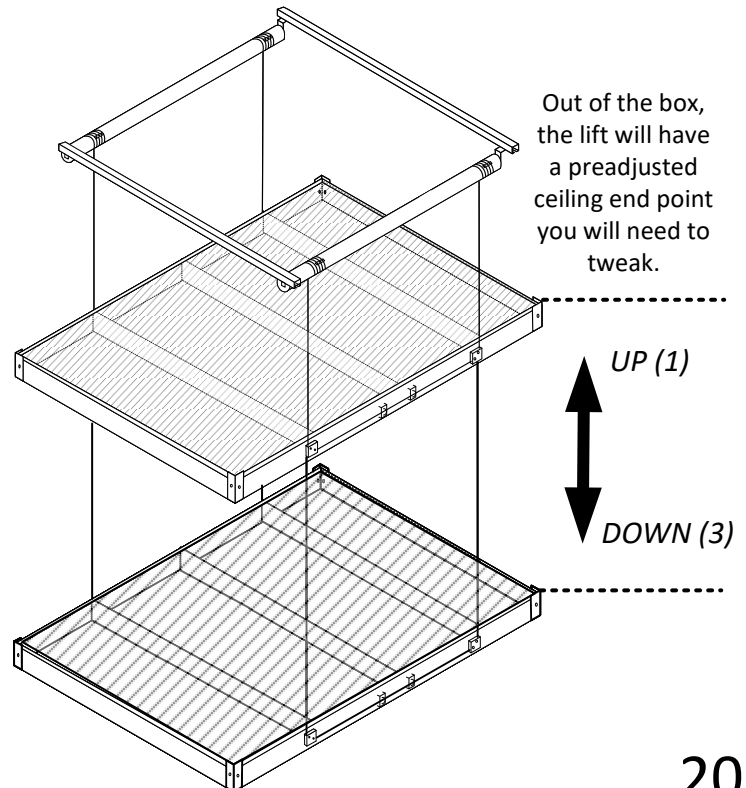
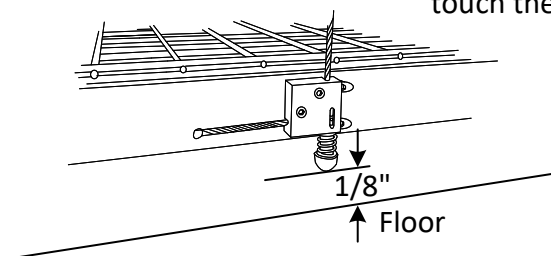
**Most important! All switches work the same way, even though their labeling is different. Before you start to turn the stop (motor limit) switches, please be sure that you are turning them in the right direction!**

## Controller Keys



!Max running Time 1.5min

Stop floor adjustment  
1/8" before the legs  
touch the floor!





# Motor Adjustment (leveling), Preparation

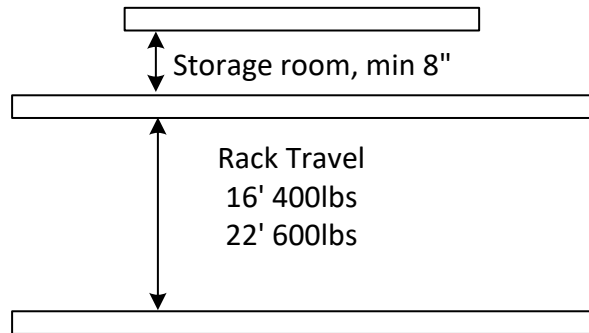
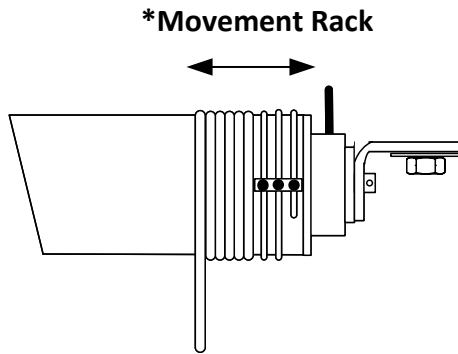
## Technical information for 400 lbs lift

Max travel is	15.4 feet/ 4.70m & storage
1 tube rotation	12 turns on the stop switches
1 tube rotation	9" / 22cm
1 turn on stop switch	3/4" / 2cm
Smallest movement	1/16" / 1mm
Movement Rack 14'*	4"/10cm
Switch turns	250
Travel speed	8'/min

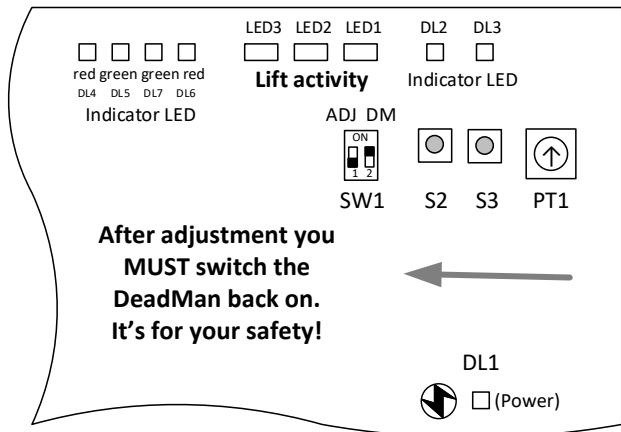
## Technical information for 600 lbs lift

Max travel is	21.8 feet/ 6.40m & storage
1 tube rotation	12 turns on the stop switches
1 tube rotation	11" / 28cm
1 turn on stop switch	1" / 2.5cm
Smallest movement	1/16" / 1mm
Movement Rack 14'*	4"/10cm
Switch turns	300
Travel speed	10'/min

Only turn the switches by hand with the tool provided  
 Stop turning immediately if you feel a mechanical click in the  
 switch when turning.



Adjustment is only possible with the **DeadMan switch OFF**, and after a motor limit has been reached or lift is stopped manually (white LED lights on controller are lit and stay on).

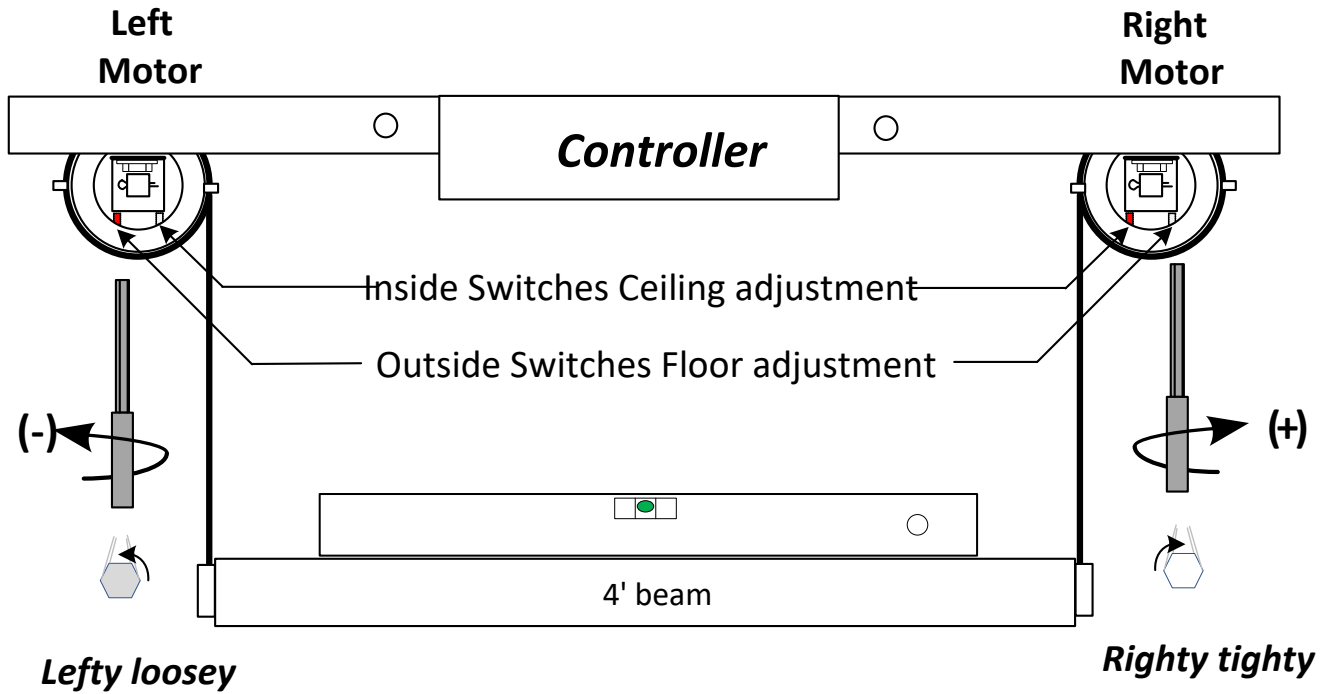


**DeadMan Function:** You use only the UP and DOWN buttons. You have to hold the button to make the lift move. When you release the button the equipment will stop immediately. If a key gets jammed you can stop the equipment with the stop button.

# 12

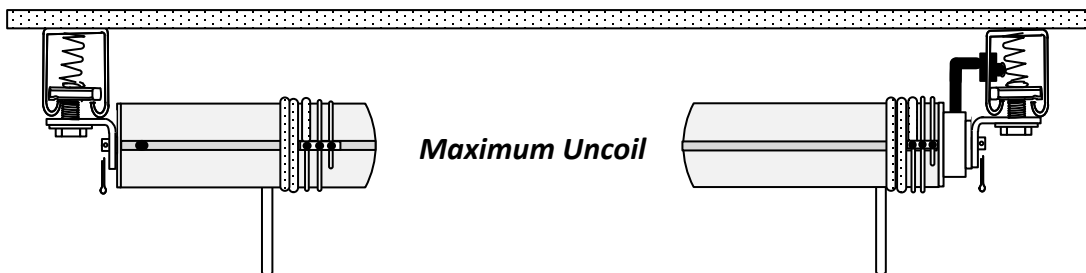
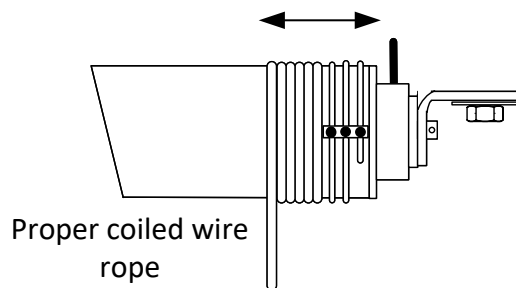
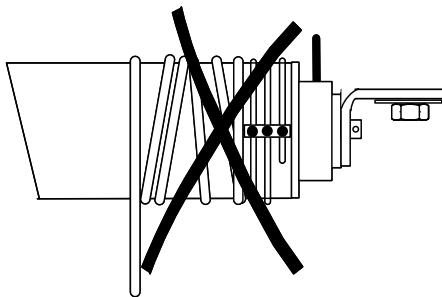
## Prepare Adjustment

Adjustment hints



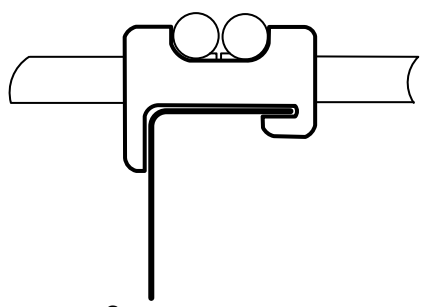
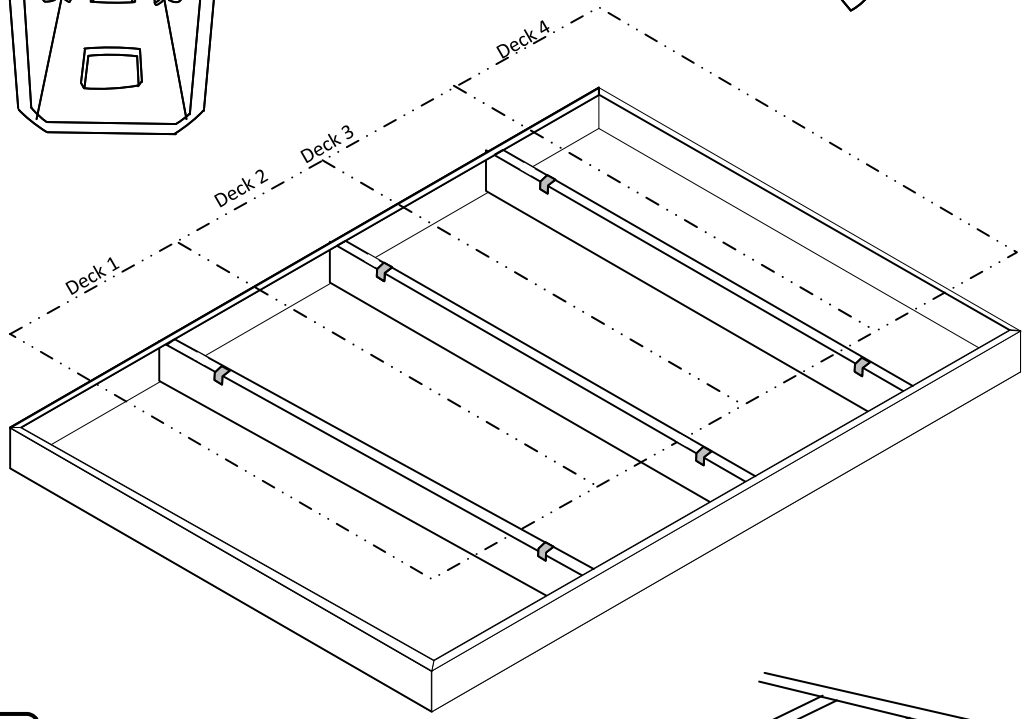
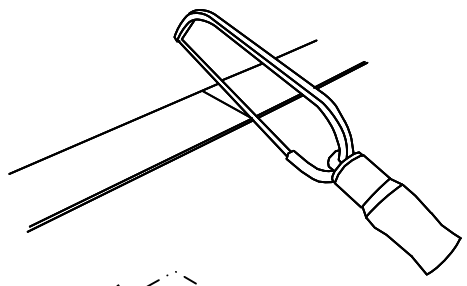
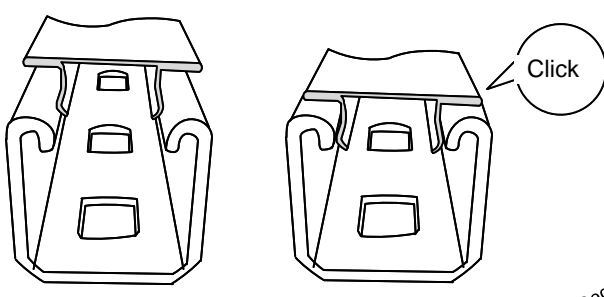
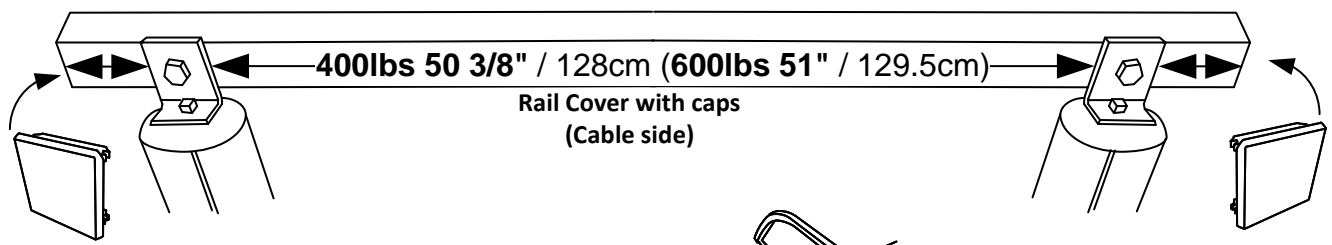
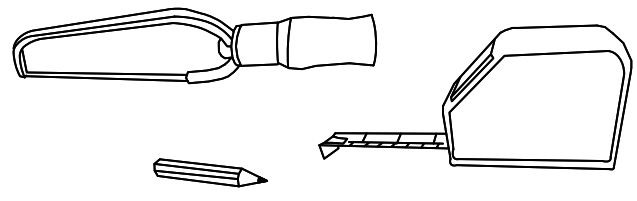
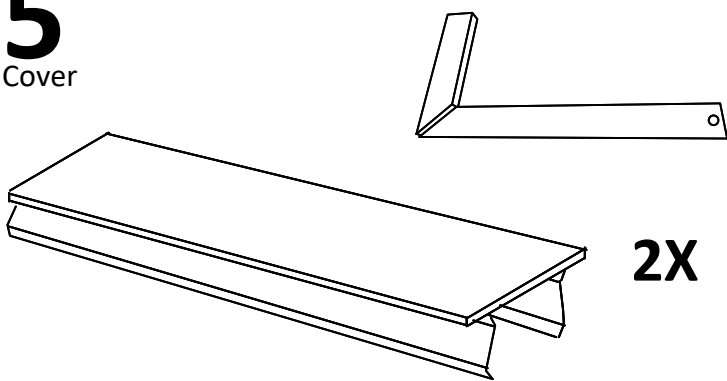
Extension stick 3', 1m

With an extension stick you can easy adjust the motors from the floor!

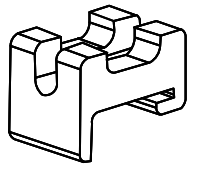


# 15

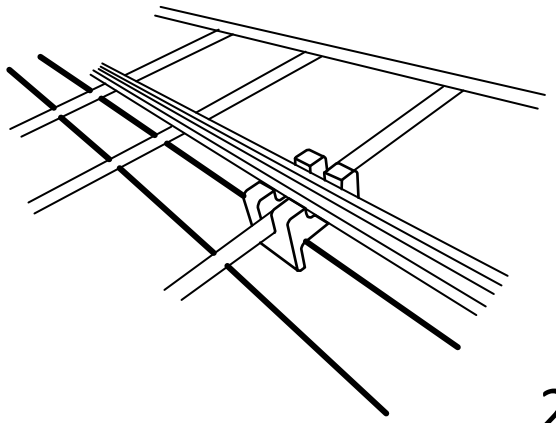
Strut Cover



Support beam



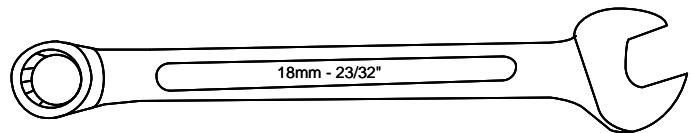
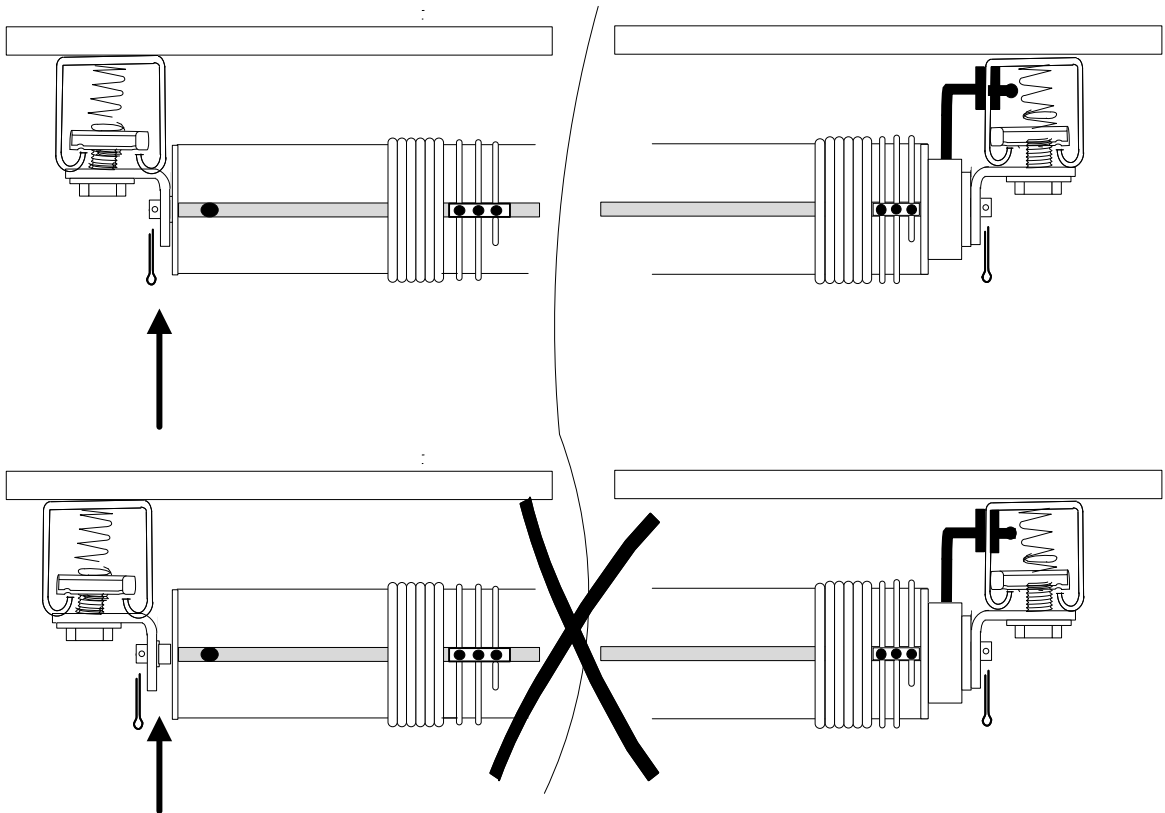
6x



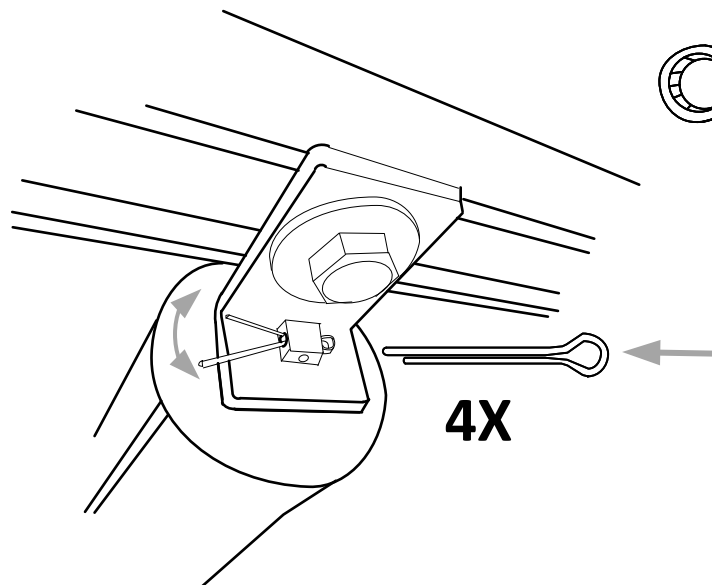
# 16 Inspection

Inspect and tighten all screws, wire clips, grommets and cotter pins. Make an alignment mark on each part that might be able to shift over time (like the motor mounts) using a Sharpie pen. Inspect all items, especially movement on the alignment marks, once a year.

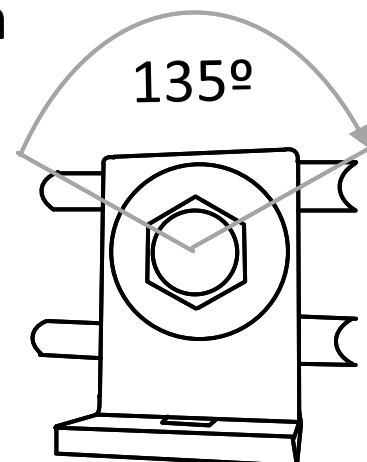
Gap not more than  $1/16''/1\text{mm}$



tighten



4X



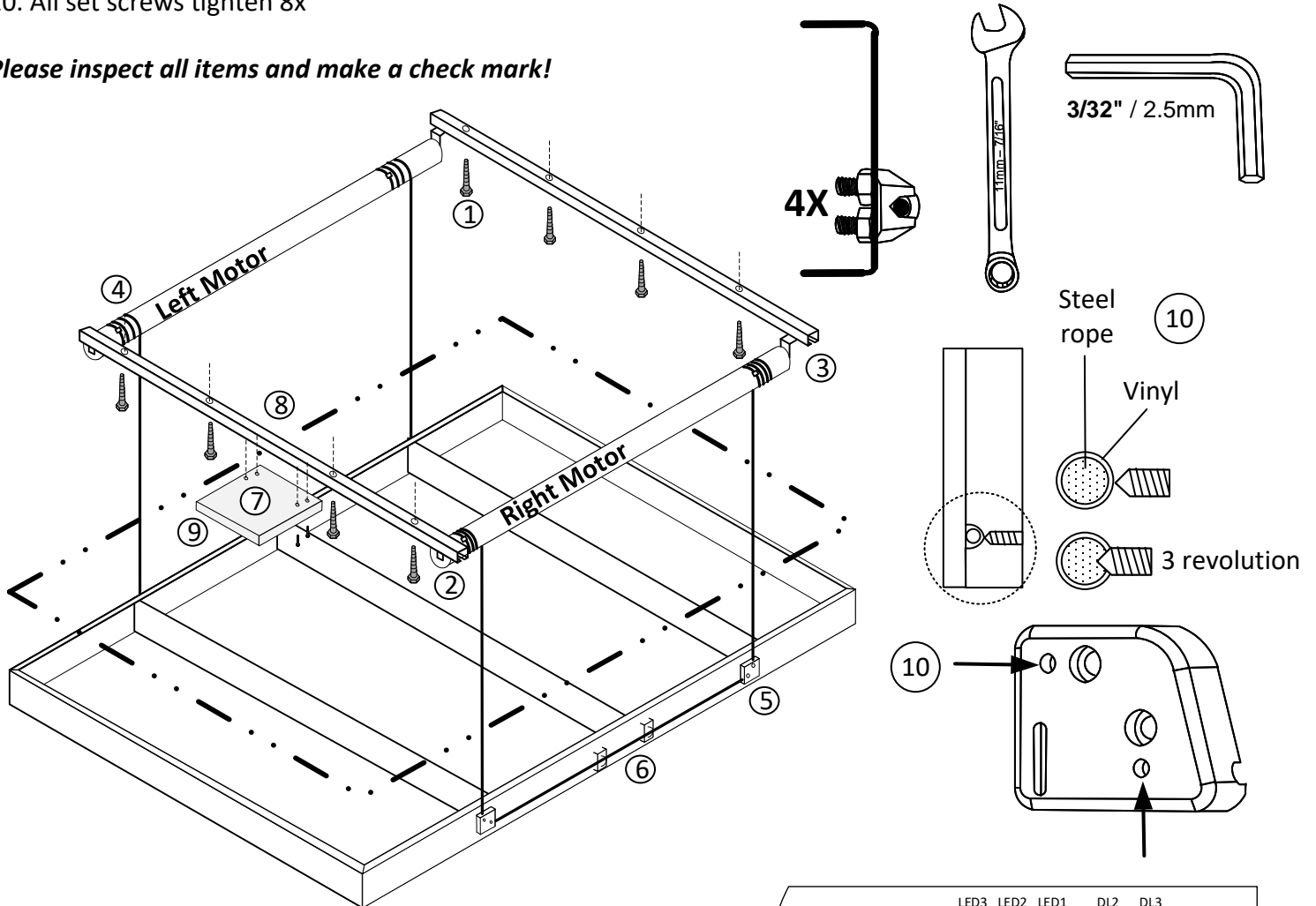


# 17 Check

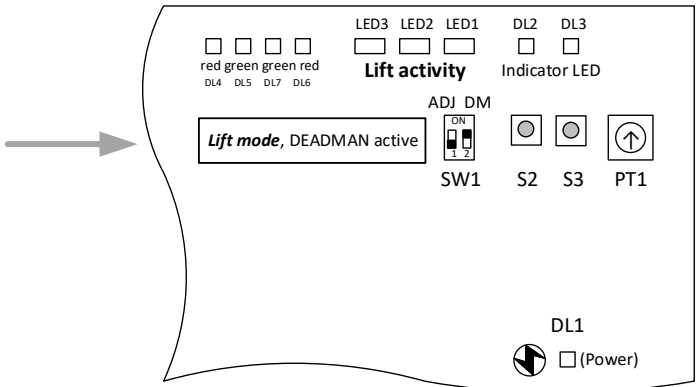
Check list (after installing, and than ones the year!

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 6mm screws tighten 28X
6. Wire clips tighten 8X
7. E-Wire in the right order installed 11X
8. E-Wire is not laying on sharp corners
9. Controller is switch on
10. All set screws tighten 8x

*Please inspect all items and make a check mark!*



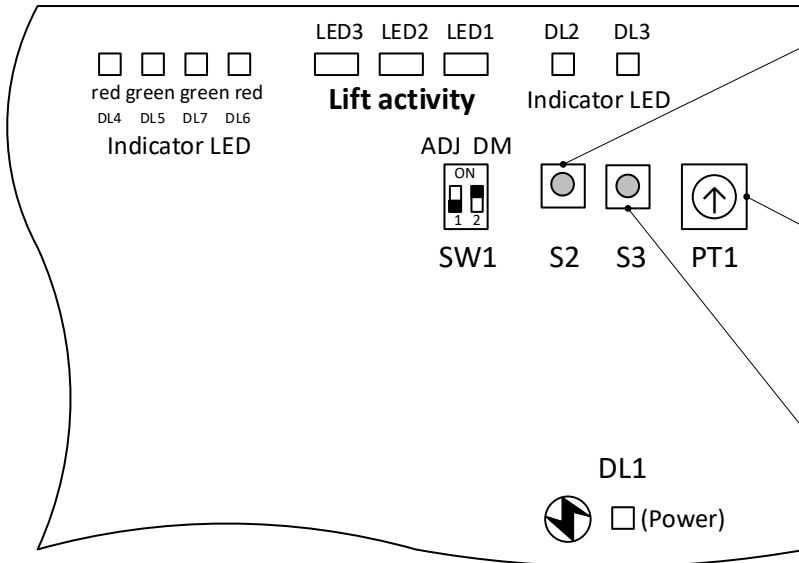
**After adjustment you MUST switch back on the other position! (DeadMan = ON) It's for your safety!**



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



Running Time Preadjusted  
for 1.5 min



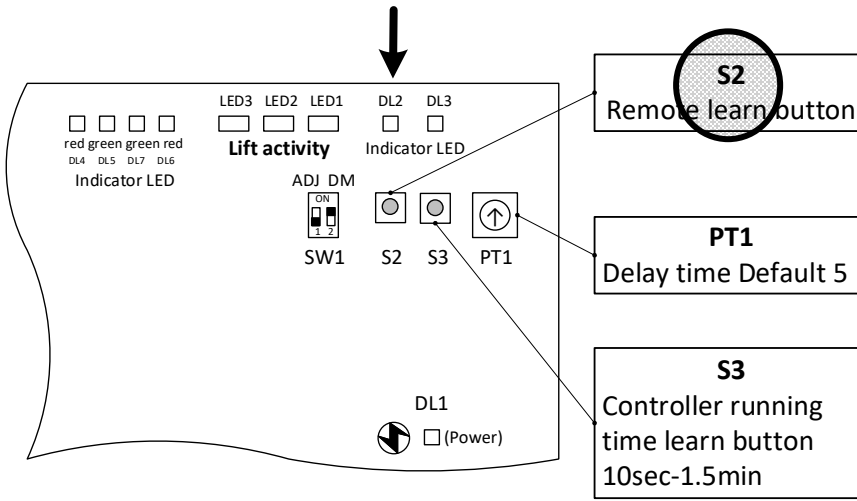
**S2**  
Remote learn button

**PT1**  
Delay time Default 5

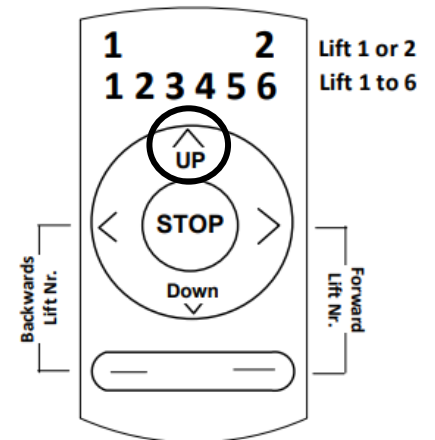
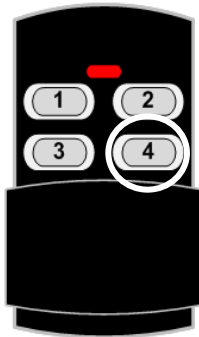
**S3**  
Controller running  
time learn button  
10sec-1.5min

Switch on Controller	Indicator
Switch on the Controller, press power switch to the left	LED DL1 is lit
Programming the running time	Indicator
Press S3 run time button	LED DL3 starts to flash after 3 sec.
Hold S3 for 1:30min (max running time)	LED DL3 flashed and stopped release key
(You can program time between 10s and 1:30min) release key	e.g press S3, LED start to flash, hold for 30s, Running time is 30s now

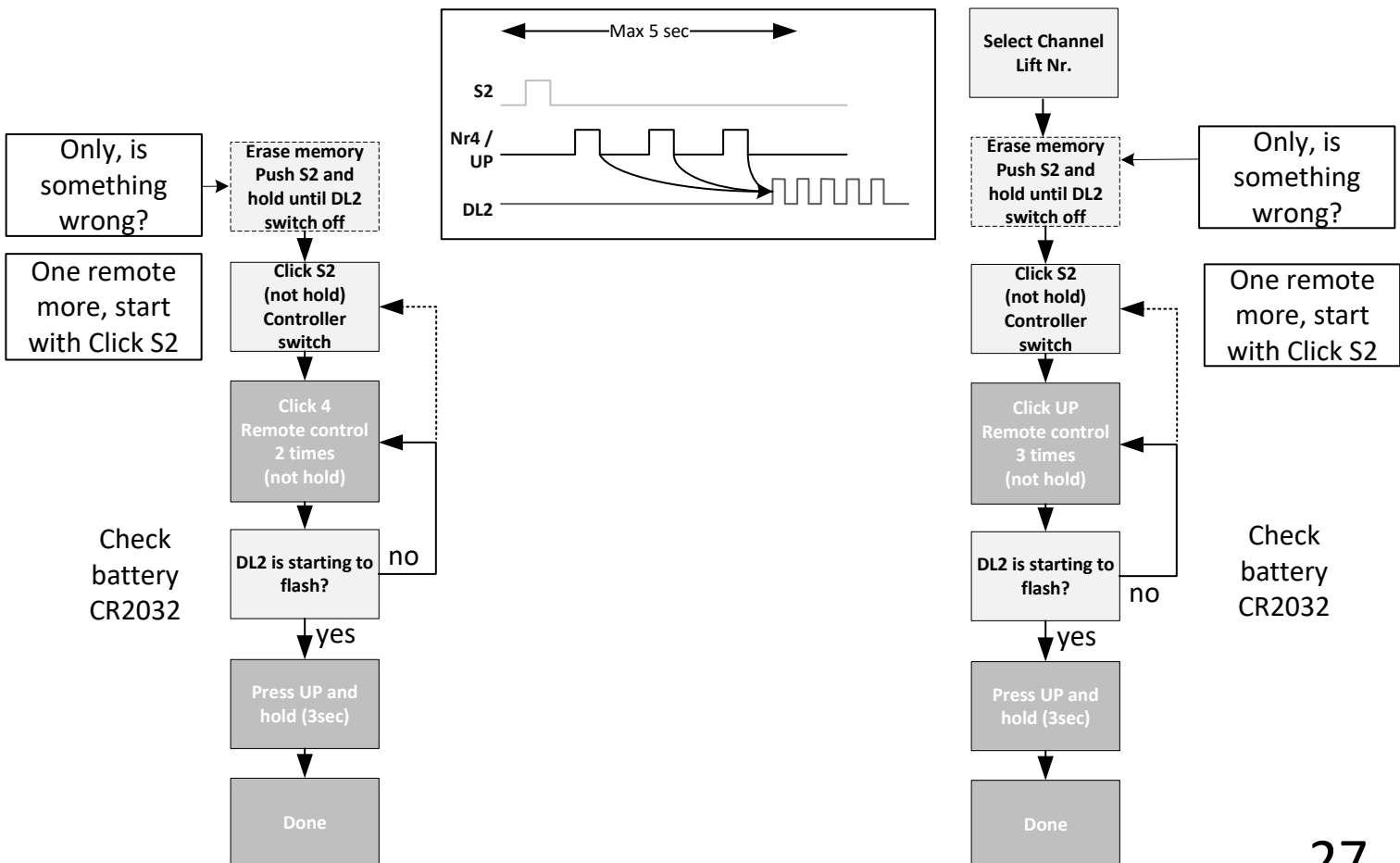
Problems	Check
After switch on, LED DL1 is not lit	Is the plug connected to the outlet? Is the Outlet on a switch (and turned off)? Check the outlet works with an appliance. Check the wire connection. Disconnect the Controller from the outlet and check the fuses.



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



One Channel Remotes are Pre-set



**Intro**



**Find rafters/  
orientation of joists**



**Location of lift**



**Start, Hardware box**



**Finding the joist  
marking where the lag  
screws go**



**Putting up the struts up**



**Installing the first  
motor**



**2nd motor**



**Installing the  
controller**



**Installing the  
platform**



**Remote how to  
use it**



**Adjustment**



**Deadman function**

