ELECTRIC HEIGHT ADJUSTABLE DESK
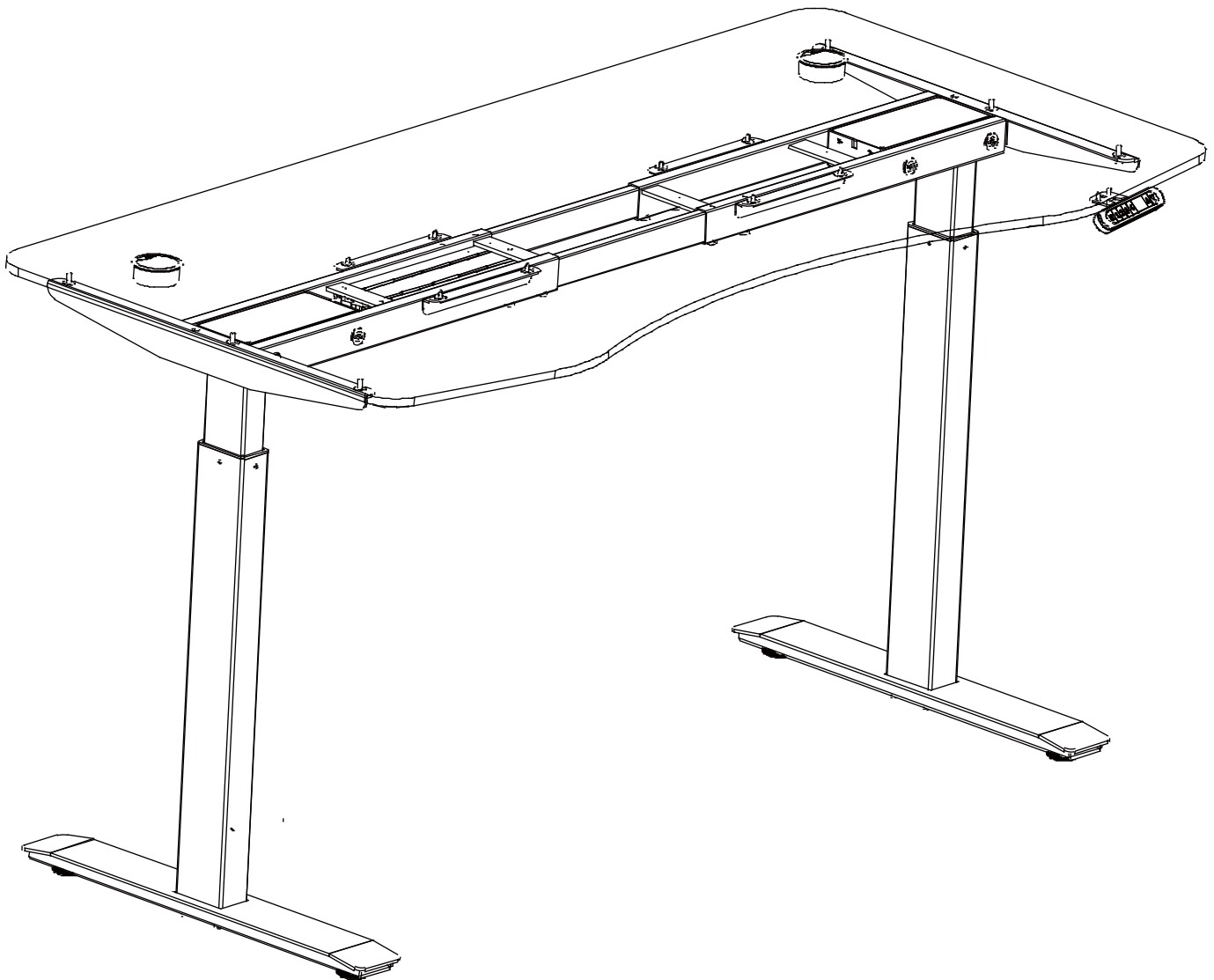
*Assembly
Instructions*

REV060616

TABLE OF CONTENTS

SAFETY INSTRUCTIONS
WARNING!

FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY AND OPERATING INSTRUCTIONS AND WARNINGS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS BODILY INJURY.

TO ASSURE SAFER OPERATION:

⚠ Read and understand this manual before attempting to install or operate.

⚠ Assure that everyone who uses this product is informed of the contents of this manual. This is the responsibility of the Purchaser.

⚠ This product is not intended for use by young children or for those persons who require supervision.

Safe use of this product is possible only when the operating instructions are read completely and the instructions contained are strictly observed. Persons who do not have the necessary experience or knowledge of this product must not use the product. Persons with reduced physical or mental abilities should not use this product, unless they are under supervision or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons. Children should be closely supervised to ensure that they do not play with this product.

⚠ This product must be INITIALIZED before use. Read the initialization part of the manual first prior to operating.

BEFORE INSTALLATION, REINSTALLATION, OR TROUBLESHOOTING:

• Switch power off and disconnect power cord from the power outlet.

• Remove any loads or items from the work surface because movement may occur unexpectedly.

BEFORE START-UP:

• Make sure desk has been initialized.

• Check all connections and cables. Make sure control box is connected to a power outlet.

• If the control box makes unusual noises or emits an odor, switch power off immediately.
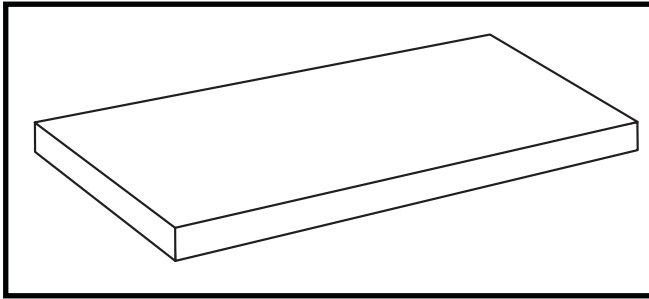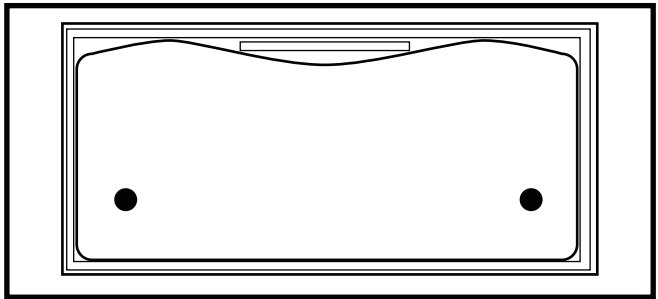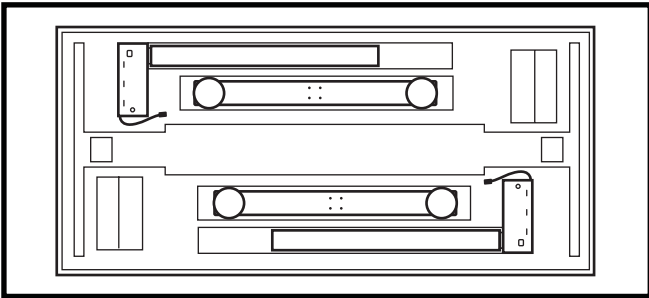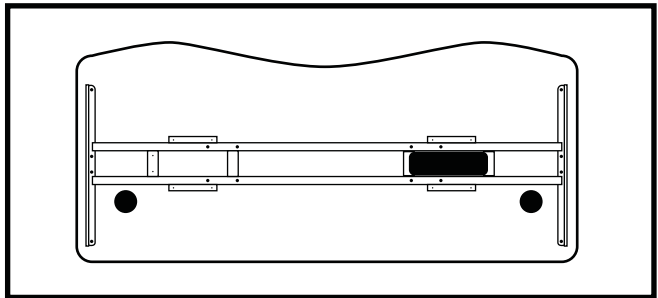
UNPACKING & COMPONENTS

TABLE & COMPONENTS BOX

TABLE TOP VIEW

COMPONENTS

PRE-ASSEMBLED TABLE BOTTOM VIEW

The desk comes in one box. Carefully remove the contents from the package and inspect all components for damage. Don't install if there is visible physical damage on any component. The table top and frame *with the control box are PRE-ASSEMBLED* making it quick and easy to assemble.
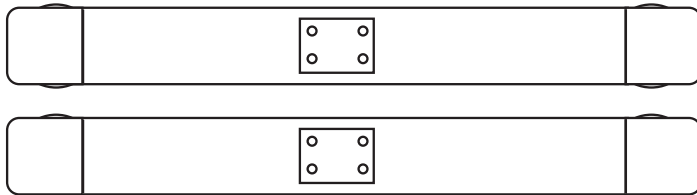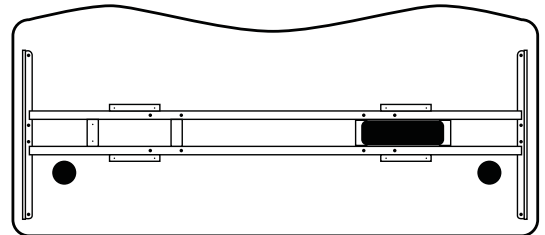

Table Feet

Table Columns
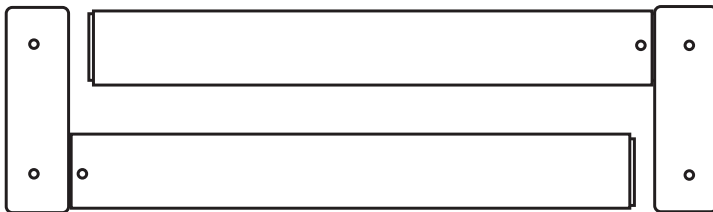
Pre-Assembled Table Top, Frame, Control Box
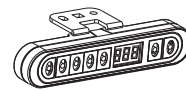
Height Controller

2 x Motor Cables

Power Cable

HARDWARE CONTENTS					
Ref.	Qty.	Description	Ref.	Qty.	Description
A	8	M8x25 Hexagon Screw			
	8	M22x18.8 Sleeve	D	1	3mm Allen Wrench
B	8	M6x16 Hexagon Screw	E	1	5mm Allen Wrench
C	2	ST4.8x13 Pan Head Screw	F	1	6mm Allen Wrench
			G	1	Phillips Screwdriver

DESK DIAGRAM

Work Surface

Desk Support Bracket

Control Box

Height
Controller

Lifting Column

Control Box

Opposite Side Of Control Box

115V Power Cord Plug

Lifting Column
Connection

Height Controller
Connection

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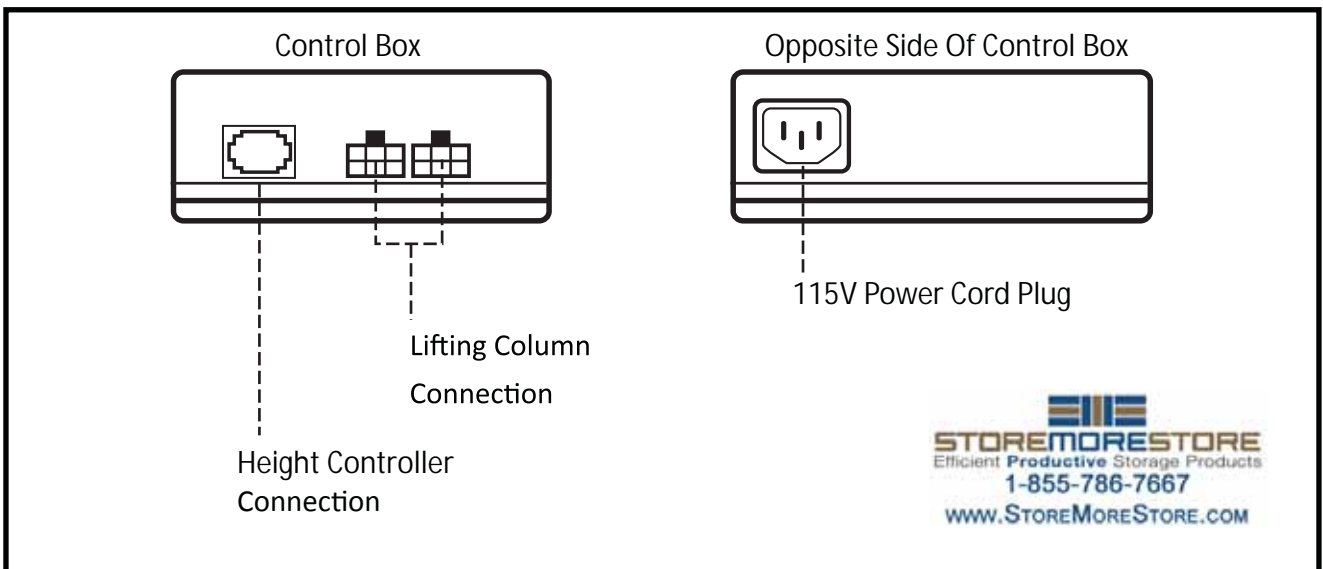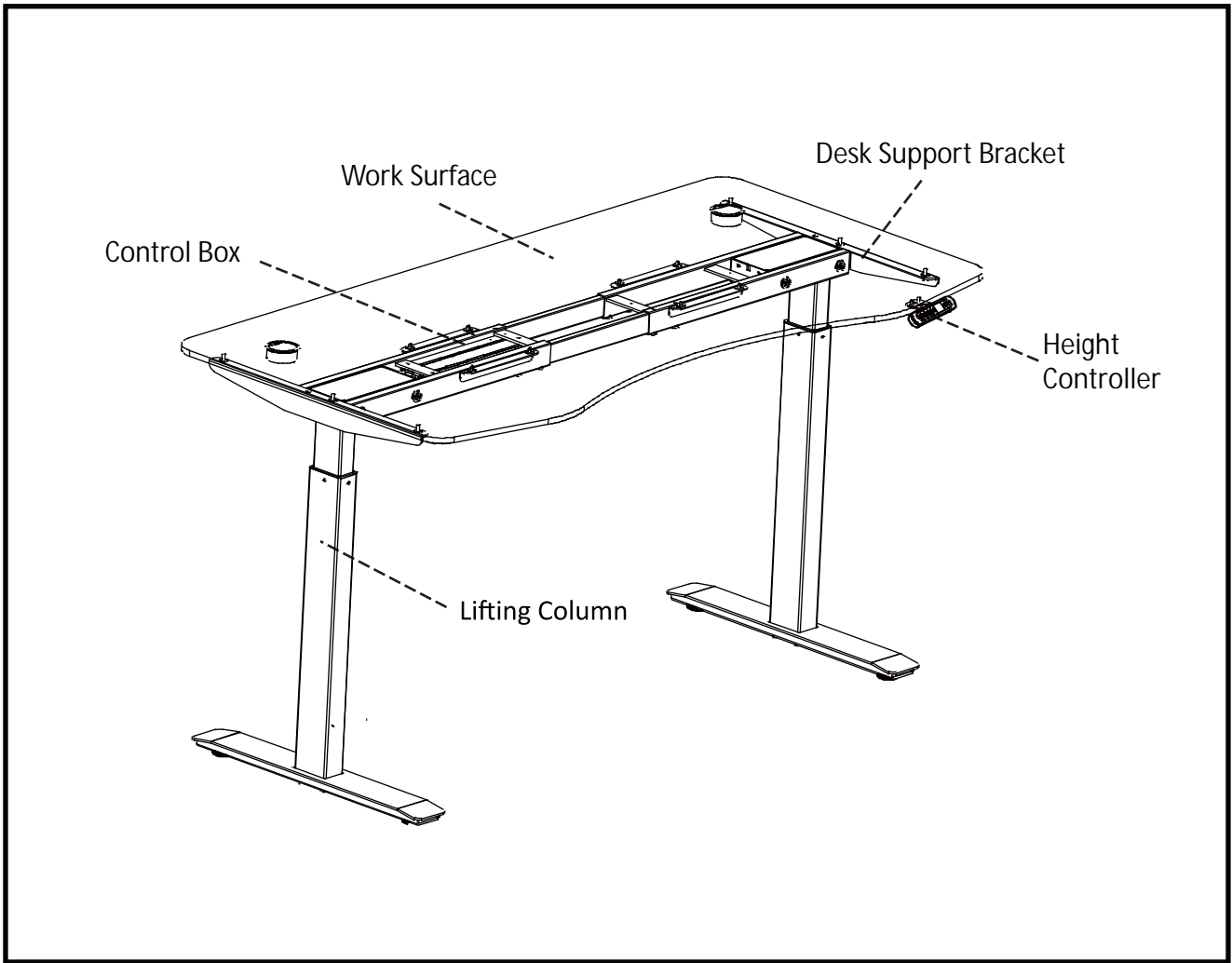
INSTALLING COLUMNS

Place desk top on a flat and non-abrasive surface. Carefully place under frame onto the desk top. The under frame is heavy two people will be needed to move the under frame and turn over the desk after it is done.
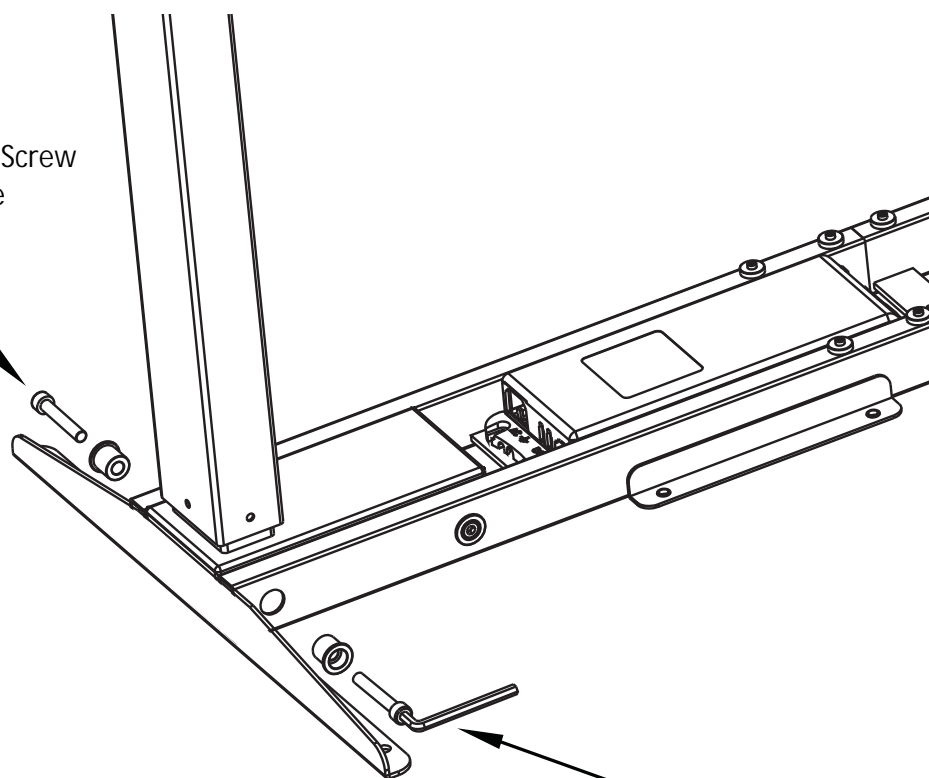
Make sure column is set properly onto the frame as shown below and use the M8x25 Hexagon Screws and M22x18.8 Sleeves to secure the column onto the pre-installed frame.

A) M8x25 Hexagon Screw
   M22x18.8 Sleeve

F) 6mm Allen Wrench

A) M8x25 Hexagon Screw
M22x18.8 Sleeve

F) 6mm Allen Wrench

INSTALLING FEET & CONTROLLER

Use 5mm Allen wrench (E) to secure each foot with four M6x16 Hexagon Screws (B).
(see page 4 for reference)

B) M6x16 Hexagon Screw

E) 5mm Allen Wrench

B) M6x16 Hexagon Screw

Foot ---------
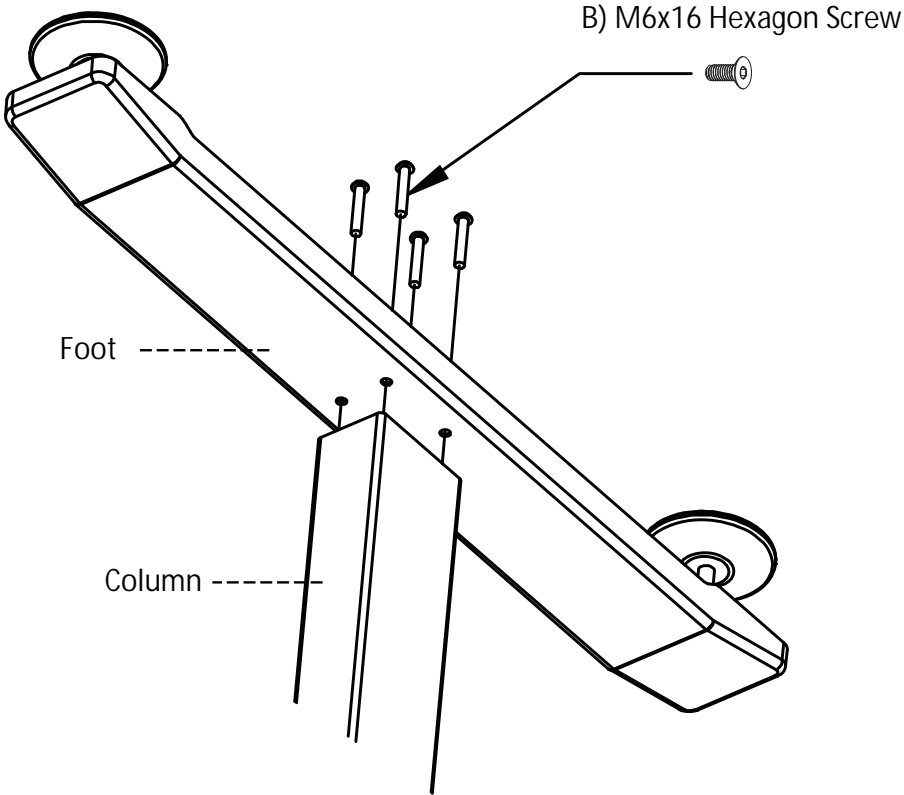
Column --------

Use screw ST4.8x13 Pan Head Screws (C)
to secure the Height Controller to the desk top.

Note: Holes are pre-drilled.

C) ST4.8x13 Pan
Head Screw
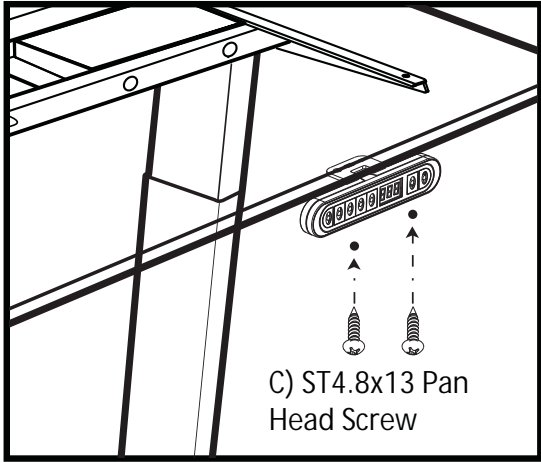
CONNECTING CABLES

1) Connect Height Controller cable connector to Control Box.

2) Connect both Lifting Column cables to the Control Box.

3) Plug power cord to Control box.

4) Plug power cord to power outlet.

Control Box

Opposite Side Of
Control Box

Height
Controller
Cable
Connection

Lifting Column
Connection

Power Cord Plug
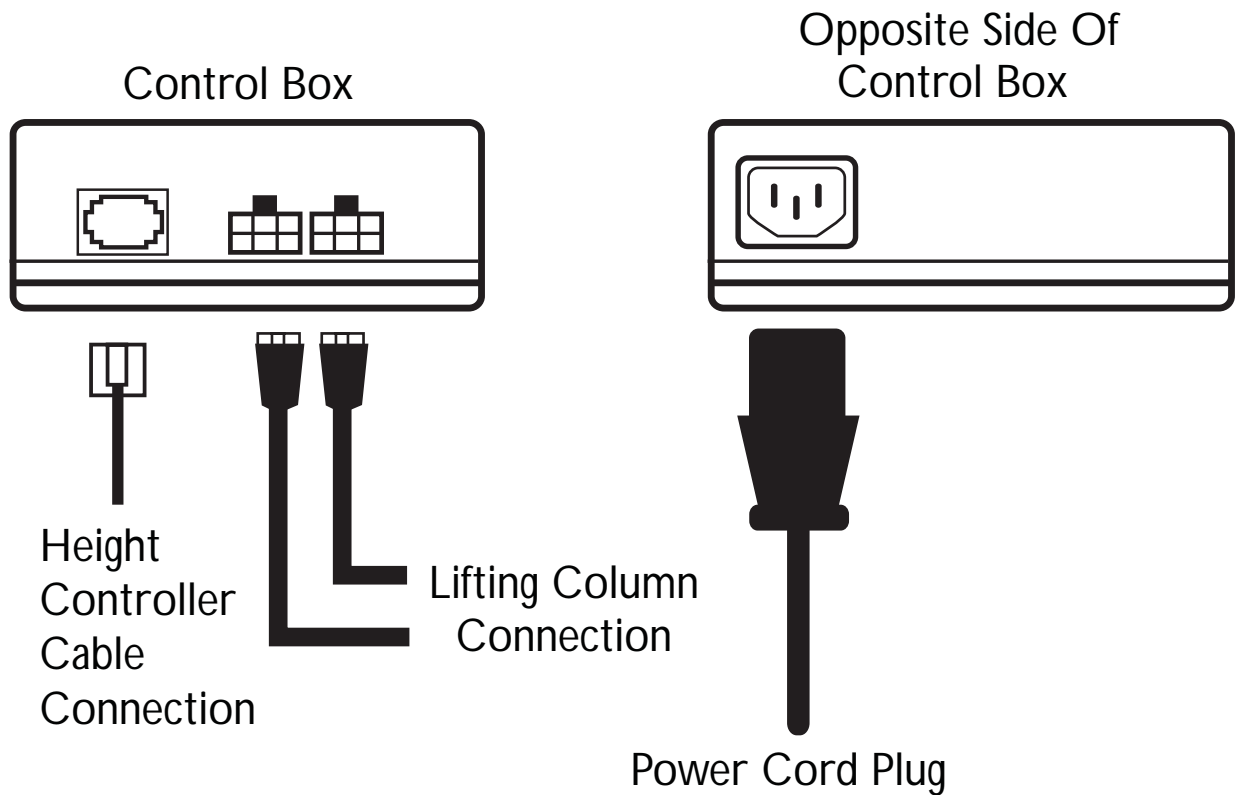
INITIALIZING SYSTEM & SETING HEIGHT POSITIONS

THE DESK MUST BE INITIALIZED BEFORE ITS FIRST USE, and may need to be **re-initialized from time to time due to power outages to work properly. Use Height Controller to initialize.**

Press and hold the UP and DOWN buttons at the same time until three blinking zeros appear on the display, then release the buttons. The desk will first go to the lowest position, then the highest position and finally stops in between. The initialization is completed when the number 38 (+/- 1) appears on the display. Your desk is now ready to use.

You can preset up to 4 positions. Use UP and DOWN arrow buttons to move desk to your desired position. Press M plus one of the number buttons at the same time for 1 to 3 seconds until displayed height starts blinking, then release the buttons. To go to your preset height, simply press the number button TWICE or press and hold the button.

⚠️ If the system STOPS working and shows **"HOT"** on the screen. This means the control box is under overheat protection mode. Wait a few minutes and let it cool down to 25°C this will solve the problem.

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EXTENDING FRAME

INSTALLING A CUSTOM TABLE TOP

Note: This portion is optional. This is to install a custom table top.

This frame accommodates desk top sizes from 48″ to 72″.
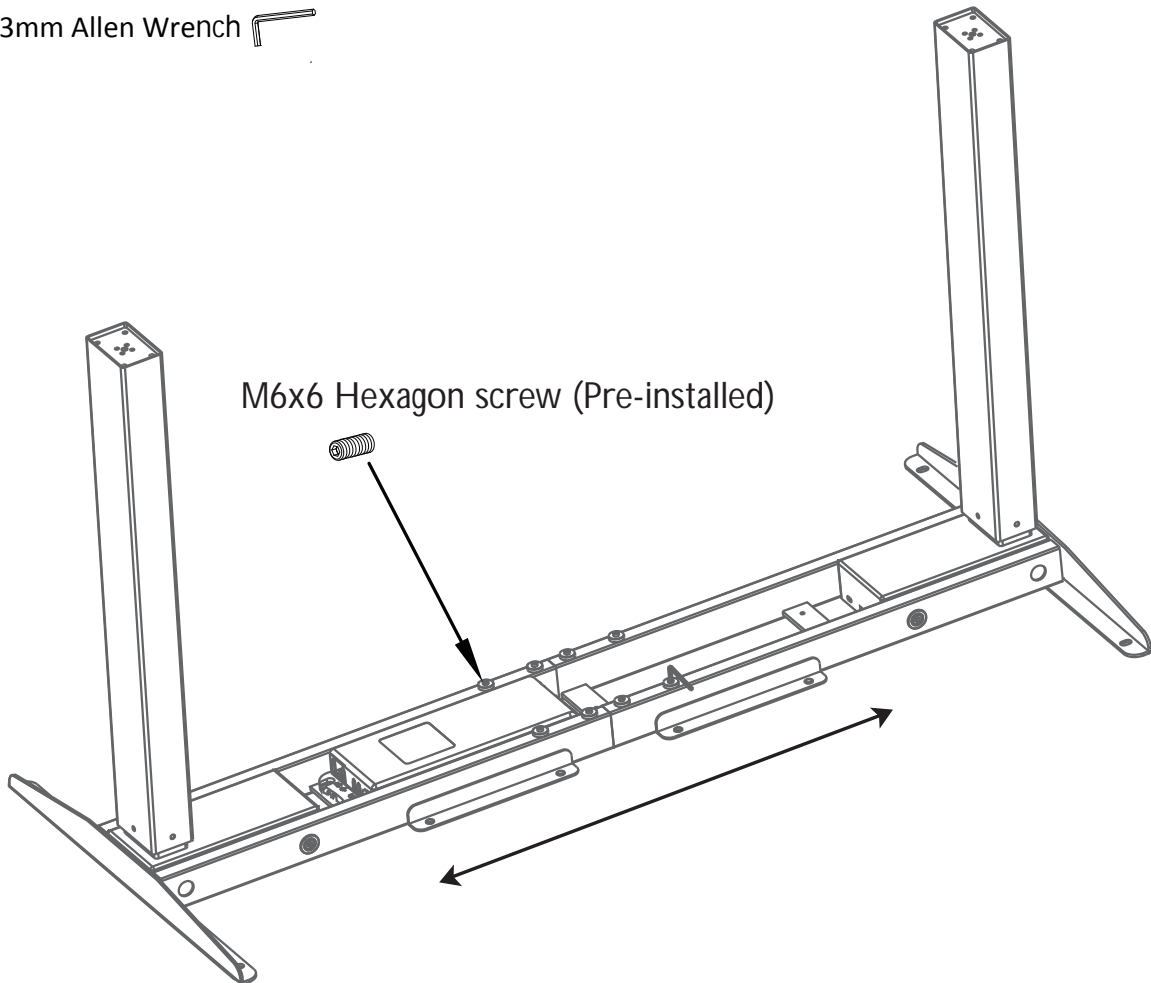Use the 3mm Allen wrench E to loosen the pre-installed M6x6 Hexagon Screws on the beam.
Pull or push to align the holes on the support brackets to those pre-drilled on the desk top.
Tighten the screws once the alignment is achieved.

• M6x6 Hexagon Screw (Pre-installed)

E) 3mm Allen Wrench

M6x6 Hexagon screw (Pre-installed)

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TROUBLESHOOTING

1. Issue: The desk does not go up or down

   Solution: Check all connections. Make sure there is power to the desk.
   Then try to re-initialize the desk.

2. Issue: Columns do not go up or down evenly

   Solution: Re-initialize the desk.

3. Issue: Table will not go up just down

   Solution: Reduce the weight on the table

4. Issue: The desk wobbles excessively

   Solution: It is normal for the desk to wobble slightly at standing height.
   Adjust leveling feet. Make sure all screws are tightened.

5. Issue: The system not working and showing HOT on the screen.
   Solution: This is because the control box under overheat protection mode
   it shuts off to protect itself. Once the temperture goes back to 25°C it will
   be ok to re-initialize.

FAILURE CODES

E-1: System malfunction.
(Please contact service center)

E-2: Starting current exception.
(Please re-initialize the system if failure code still show on the screen please
contact the service center)

E-3: Starting current exception.
(Please re-initialize the system if failure code still show on the screen please
contact the service center)

TROUBLESHOOTING

FAILURE CODES CONTINUED

E-4: Main power supply malfunction.
(Please contact service center)

E-5: Motor is not running on the same position.
(Please re-initialize the system)

E-6: Motor A stalling.
(Please re-initialize the system)

E-7: Motor B stalling.
(Please re-initialize the system)

E-8: Motor wiring malfunction.
(Please re-initialize the system)

E-9: Motor A Hall element malfunction.
(Please re-initialize the system)

E10: Motor B Hall element malfunction.
(Please re-initialize the system)

E11: Height record error.
(Please re-initialize the system)

E12: Over heat. (Please let the system cool down for a while then re-initialize the system)