

tayco®

Volley

installation guide

November 2022



Load Bottom Drawer First

- Operate one drawer at a time.
- Units may tip if loaded incorrectly.
- Units should be attached to a wall or other furniture to reduce tipping hazards.
- Always load the heaviest files in the bottom drawer.

Heavy Load

- Some products must be anchored to the wall to ensure stability & safety.
- It is the owner and installer's responsibility to ensure that the wall type and construction are of sufficient strength to carry loads of any wall-mounted products and their contents.
- Failure of the wall and anchors to support all imposed loads may result in property damage and/or personal injury.
- Tayco can provide the size and empty weight of its products only. A wall blocking is considered a building construction process, Tayco cannot provide recommendations in this respect and cannot be responsible for damage or injury that may occur as a result of improper installation and/or blocking.

Instability Hazard

Mobile items on casters such as flip tops, personal and movable tables of any type, and storage items of any type may present an instability hazard if not secured correctly while in use or storage. Flip-top tables or training tables of any type are inherently more unstable when folded. Tayco provides the following guidelines & warnings when using mobile products:

- Lock casters immediately after moving. Do not leave the casters unlocked when in use or storage.
 - Motion may increase the instability of any item with casters. If the wheels hit an obstruction the table's forward momentum often causes overturn, especially if the item is not equipped with wheel extensions. Exercise strong caution while moving these items.
 - Use caution when abrupt level changes in the floor are present (such as a doorway or room threshold) as caster failure or tipping may result.
 - Do not stand, sit or lean on mobile items for support. They are not intended for this use and personal injury or property damage may result.
 - Mobile units that feature height-adjustable elements must be lowered to the minimum compressed height when moving to prevent instability. It is also recommended the user remove all computer equipment or other accessories to prevent possible weight imbalance or damage to equipment.
 - Failure to follow the guidelines above may result in property damage or personal injury.
-

Volley

Two Leg – Short Rail

SPECIFICATIONS

Electric control part:

Input Voltage:100-240Vac 50/60Hz

Duty cycle:10%MAX 2min on 18min off

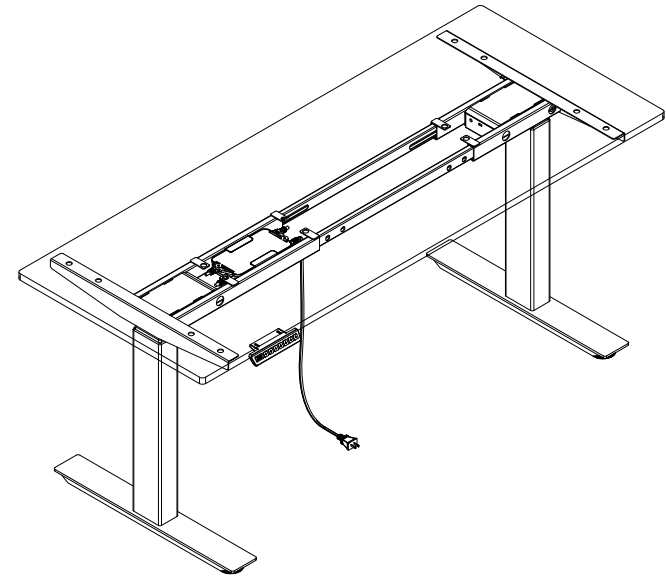
Desk frame part:

Dynamic load:120KG

The maximum static load:140KG

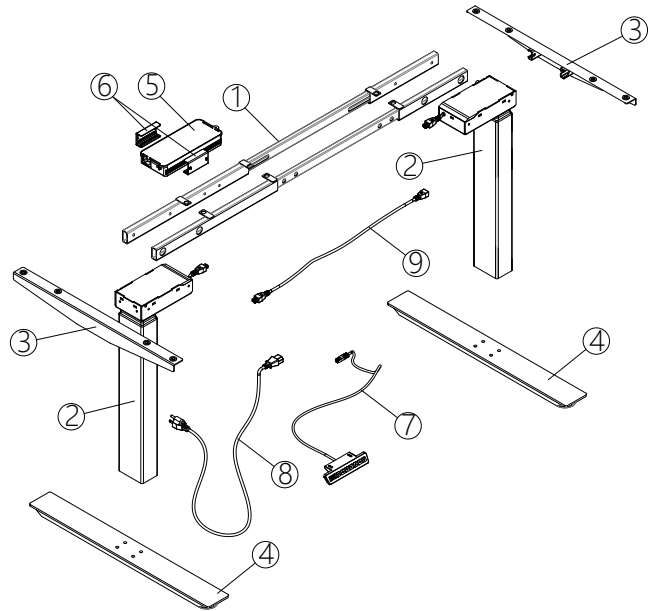
Safety warning

- 1.Please read this manual carefully before use.
- 2.The product must be connected to the correct power supply.
- 3.For any accessories connected to the control box, the plug type and electrical characteristics must conform to its specifications.
- 4.Indoor use only.
- 5.If the transformer's external cable is damaged and need to be replaced,new accessory will be provided by the manufacturer or its service agent.


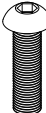





IR30 Assembly Instruction

INSTALLATION INSTRUCTION



HARDWARE INCLUDED

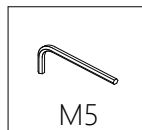
A QTY:4	B QTY:8	C QTY:4	D QTY:2	E QTY:14
 M6*12	 M8*20	 M6*10	 M4.2*16	 M5.0*23 (optional)



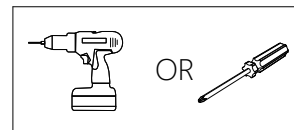
This bolt is with the feet
in a separate box

Do not use the
wood screws

TOOLS INCLUDED



TOOLS REQUIRED



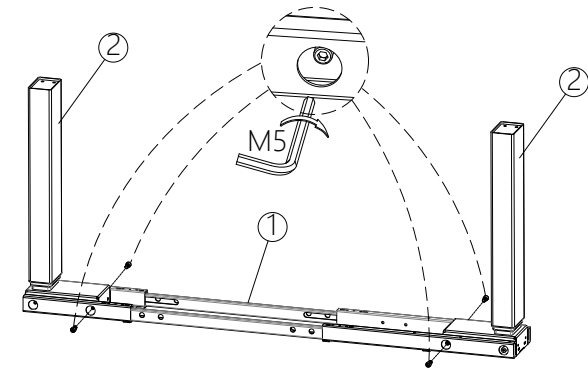
INSTALLATION INSTRUCTION

STEP 1

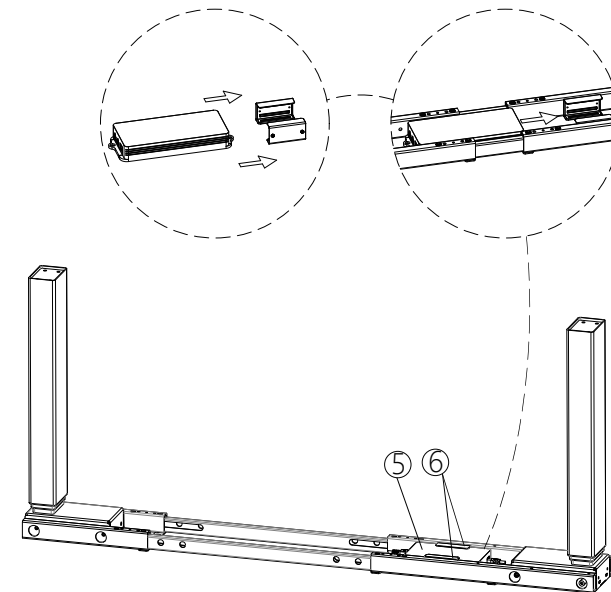
C|QTY:4



M6*10

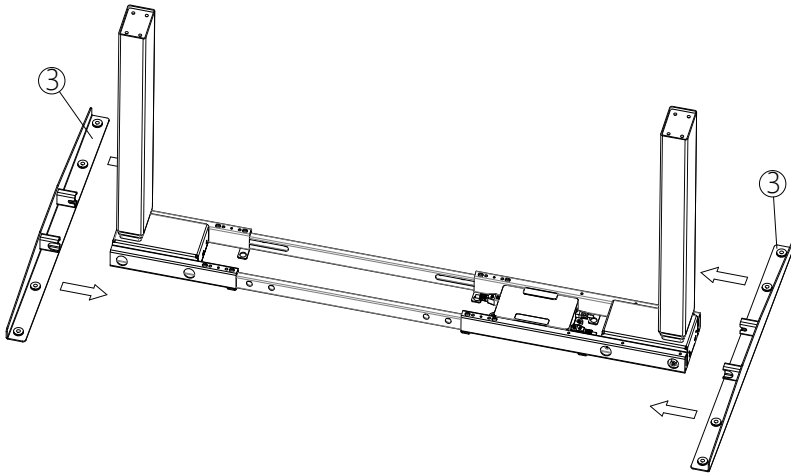


STEP 2

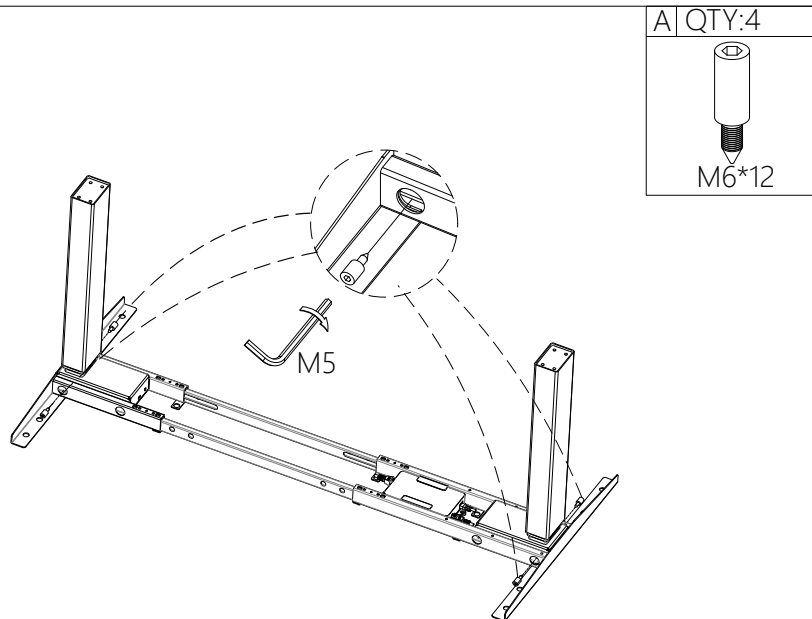


INSTALLATION INSTRUCTION

STEP 3



STEP 4



DIRECTIONS FOR USE

■ Advanced Function Settings

Reset original status: Press "↑" and "↓" 10 seconds hear a bee sound

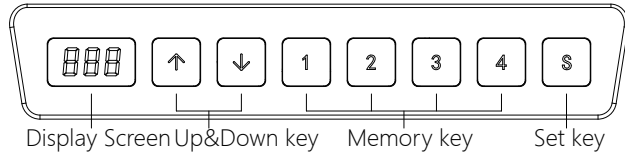
Limited height setting: Press "↑" and "↓" key for 5 seconds hear a bee sound

(minimum limited height < 96, maximum limited height > 97).
 Lock and unlock: Press "↑" and "S" key for 5 seconds, screen display "LOC", system locked. Press "↓" and "S" key for 5 seconds, screen display "LOC" to number system unlocked.

Press "S" key for 5 second till screen display "S-1". Press "↑" or "↓" key to choose.

S-1	Click "S" Key	↑ 0 Metric ↓ 1 Inch
Metric and Inch		
S-2	Click "S" Key	↑ 0 shut down ↓ 1 The sensitive 8 The most sensitive
Gyroscope anti collision sensitivity		
S-3	Click "S" Key	↑ 0 shut down ↓ 1 The 8 The most sensitive
Current up anti collision sensitivity		
S-4	Click "S" Key	↑ 0 shut down ↓ 1 The 8 The most sensitive
Current down anti collision sensitivity		
S-5	Click "S" Key	Use ↑ or ↓ adjust the base height
Bas height		
S-6	Click "S" Key	↑ 0 ↓
S-7	Click "S" Key	↑ 0 Indicate shutting 2min/18 min duty recycle, controller under temperature protection ↓ 1 Indicate start 2min/18min duty recycle
uty recycle		
S-8	Click "S" Key	↑ 0 shut down ↓ 1 0.5° 2 1.0° 3 1.5° 4 2.0° 5 2.5° 6 3.0° 7 3.5° 8 4.0°
Desk surface decline sensitivity		Click "S" key to back

DIRECTIONS FOR USE



The whole handset surface is a button panel. 30 seconds, the screen and 1/2/3/4/S keys locked. Press Up or Down key

■ Display Screen

Display the height of the desk.

■ Up & Down Keys

UP ↑ DOWN ↓ key to

■ Set Key (S)

Press the "S" key when memory and internal parameters need to be set.

■ Memory Key (1/2/3/4)

Memory keys

To set up memory keys:

Click the "S" key when the desk is at the desired height. The screen will display "S-" with "-" flashing. At this time, press one of the "1/2/3/4" buttons to save the position in the memory key. The table will adjust itself automatically to the saved position when the memory key is pressed.

1. When "RST" is display screen, press the "↓" button the desk frame reaches its lowest point. sound and desk frame rebound

2. Forced initialization: Press the "↓" button until the desk frame reaches its lowest point, then release the button and press it again for about 5 seconds until the sound and desk frame rebound

Restore factory settings: When controller is changed or the parameters need to be restored to

■ Safety Function

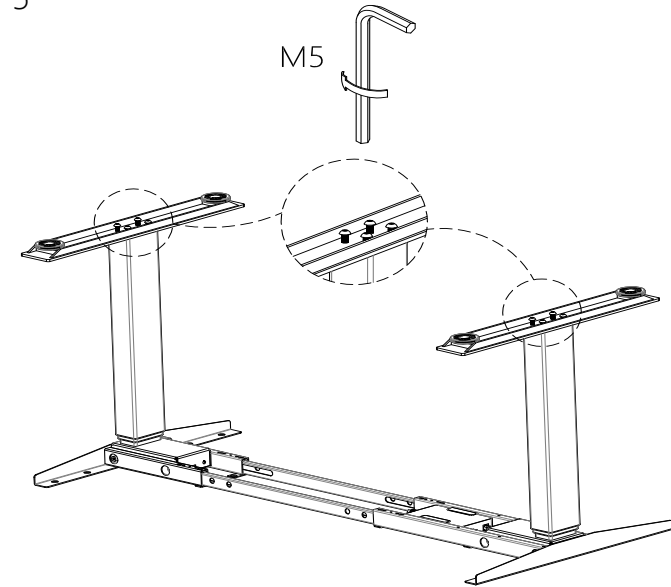
encounter resistance, will rebound

■ Handset error code and solution

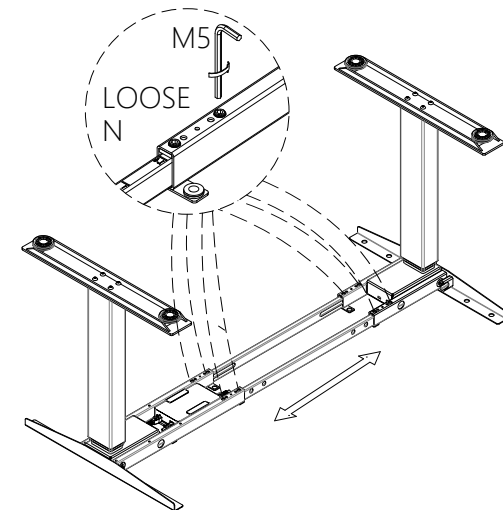
Error code	Fault	Solution
E1,E6,E7	power fault	change power
E2	nsynchronous height over 1cm	Implement the initialization operation 1
E4	handset fault	Unplug and replug the hand set
E5	Anticollision alert	Rebound reminder, normal condition
E8	desktop	check the desktop
E11,E21	Motor defect	inspect the motor wire
E12,E22	controller fault	Exchange the controller
E14~E17,E24~E27	motor fault	change motor
E18,E28	overloading	reduce the loading
HOT	overtime operation	Automatic recovery after 20 minutes

INSTALLATION INSTRUCTION

STEP 5




STEP 6



INSTALLATION INSTRUCTION

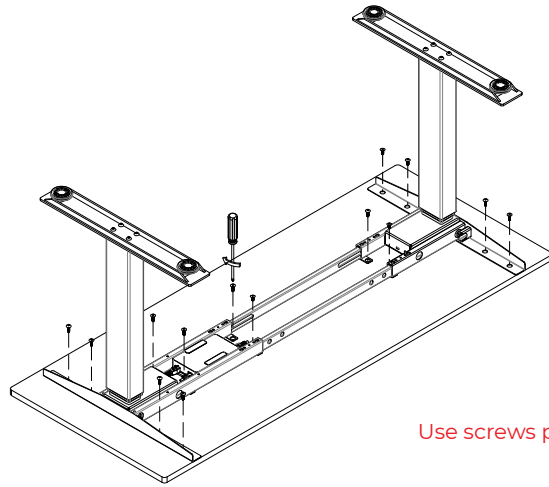
STEP 7

E | QTY:14



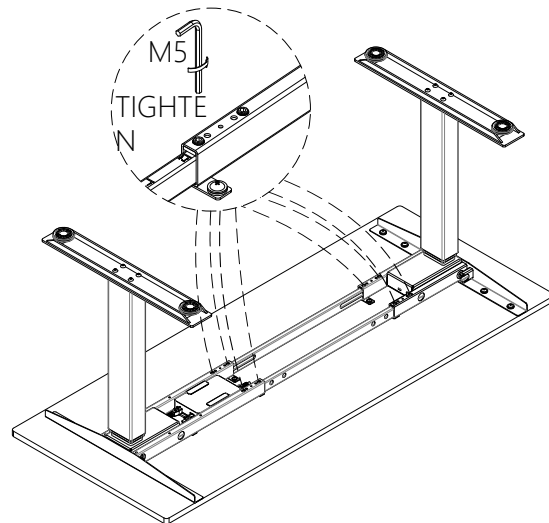
M5.0*23
(optional)

↓
Do not use



Use screws provided by Tayco


STEP 8



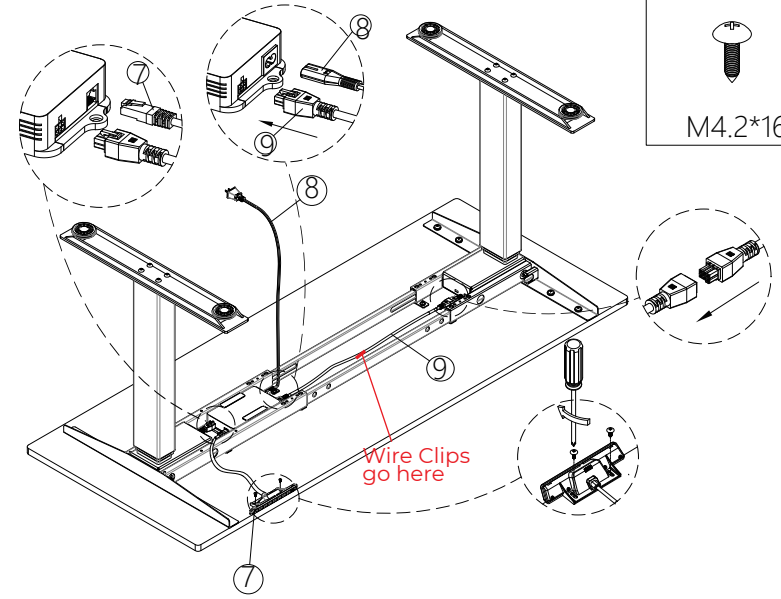
INSTALLATION INSTRUCTION

STEP 9

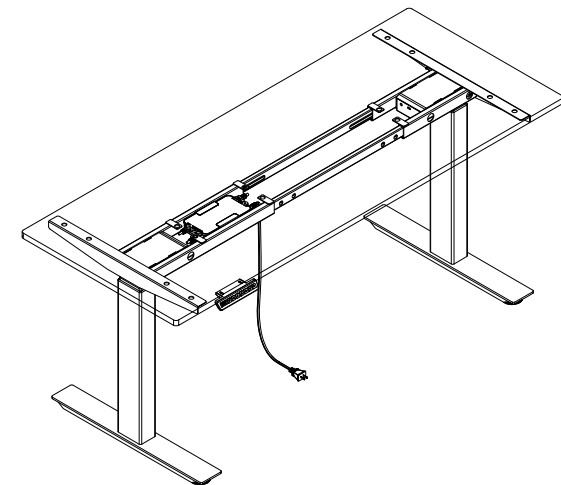
D | QTY:2



M4.2*16



STEP 10



Volley

Two Leg – Long Rail

SPECIFICATIONS

Electric control part:

Input Voltage:100-240Vac 50/60Hz

Duty cycle:10%MAX 2min on 18min off

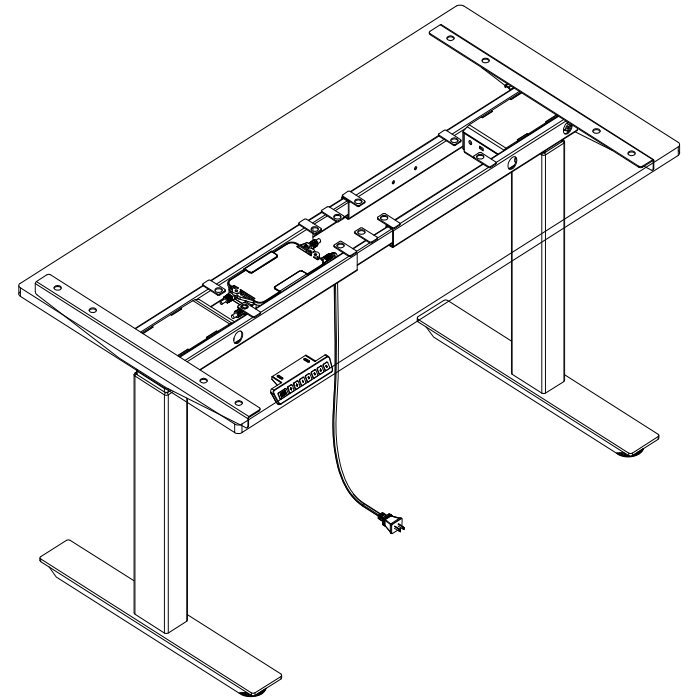
Desk frame part:

Dynamic load:120KG

The maximum static load:140KG

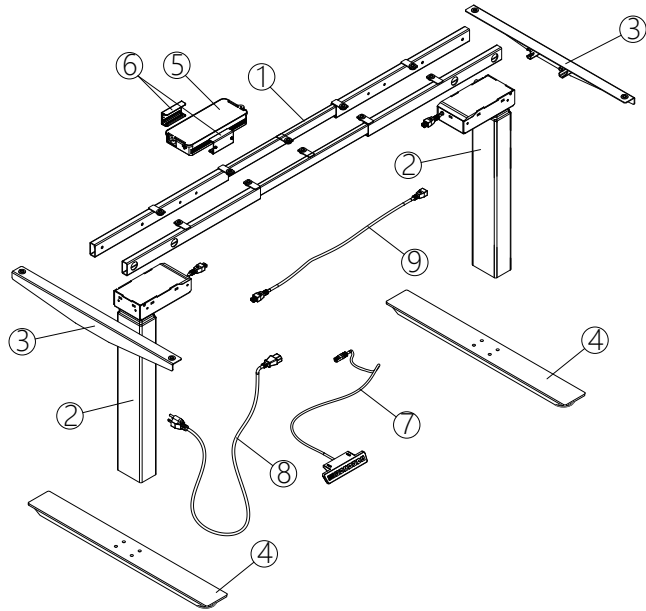
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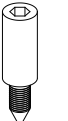
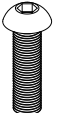





IR30 Assembly Instruction

INSTALLATION INSTRUCTION



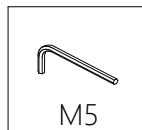
HARDWARE INCLUDED

A QTY:4	B QTY:8	C QTY:4	D QTY:2	E QTY:18
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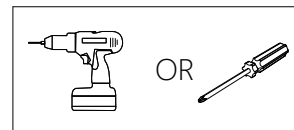
↓
This bolt is with the feet
in a separate box

Do not use the
wood screws

TOOLS INCLUDED




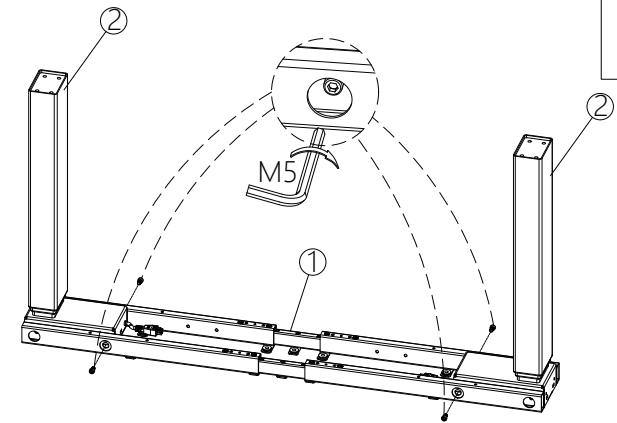
TOOLS REQUIRED



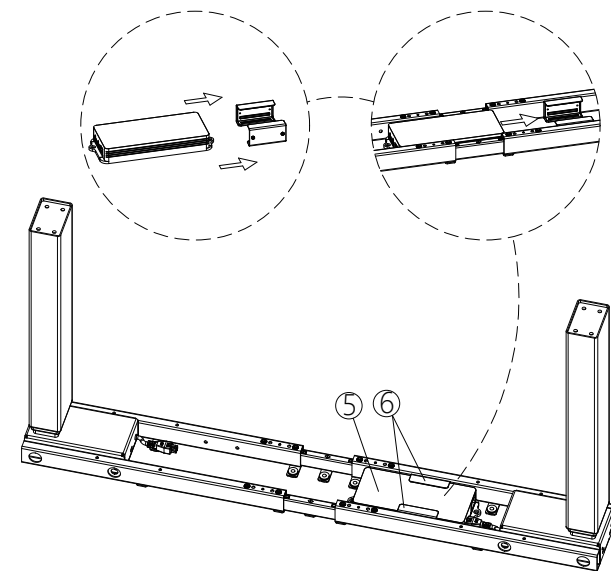
INSTALLATION INSTRUCTION

STEP 1

C	QTY:4
	
M6*10	

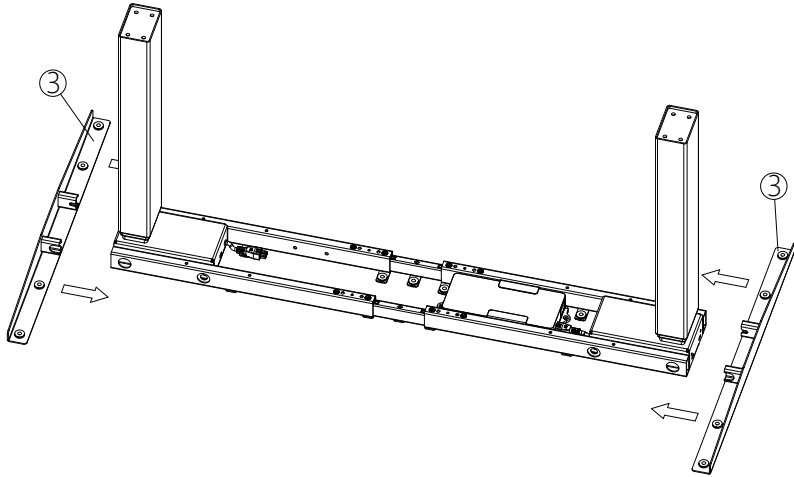


STEP 2

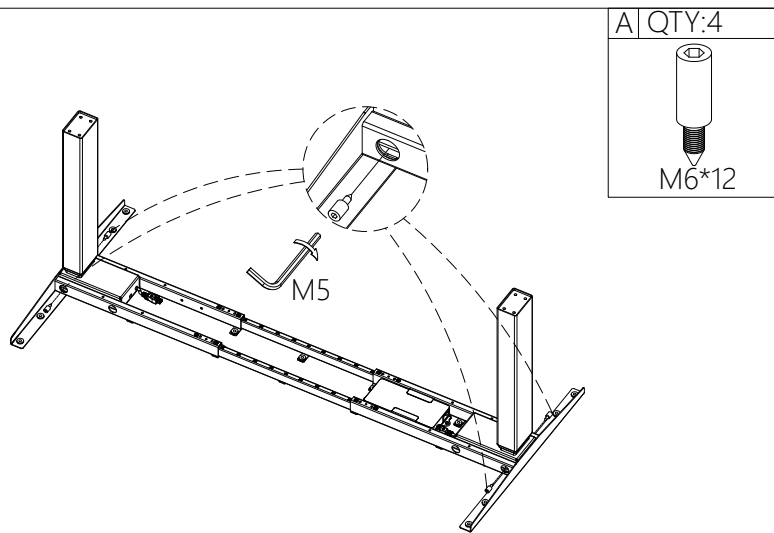


INSTALLATION INSTRUCTION

STEP 3



STEP 4



DIRECTIONS FOR USE

■ Advanced Function Settings

Reset original status: Press "↑" and "↓" 10 seconds hear a bee sound

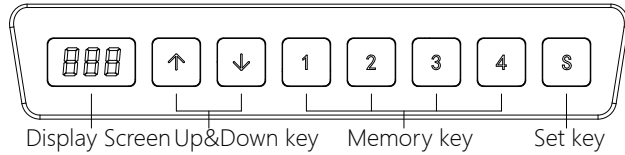
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Press "S" key for 5 second till screen display "S-1". Press "↑" or "↓" key to choose.

S-1	Click "S" Key	↑ 0 Metric ↓ 1 Inch
Metric and Inch		
S-2	Click "S" Key	↑ 0 shut down ↓ 1 The sensitive 8 The most sensitive
Gyroscope anti collision sensitivity		
S-3	Click "S" Key	↑ 0 shut down ↓ 1 The 8 The most sensitive
Current up anti collision sensitivity		
S-4	Click "S" Key	↑ 0 shut down ↓ 1 The 8 The most sensitive
Current down anti collision sensitivity		
S-5	Click "S" Key	Use ↑ or ↓ adjust the base height
Bas height		
S-6	Click "S" Key	↑ 0 ↓
S-7	Click "S" Key	↑ 0 Indicate shutting duty recycle, controller under temperature protection ↓ 1 Indicate start duty recycle 2min/18min
uty recycle		
S-8	Click "S" Key	↑ 0 shut down ↓ 1 0.5° 2 1.0° 3 1.5° 4 2.0° 5 2.5° 6 3.0° 7 3.5° 8 4.0°
Desk surface decline sensitivity		
Click "S" key to back		

DIRECTIONS FOR USE



The whole handset surface is a button panel. 30 seconds, the screen and 1/2/3/4/S keys locked. Press Up or Down key

■ Display Screen

Display the height of the desk.

■ Up & Down Keys

UP ↑ DOWN ↓ key to

■ Set Key (S)

Press the "S" key when memory and internal parameters need to be set.

■ Memory Key (1/2/3/4)

Memory keys

To set up memory keys:

Click the "S" key when the desk is at the desired height. The screen will display "S-" with "-" flashing. At this time, press one of the "1/2/3/4" buttons to save the position in the memory key. The table will adjust itself automatically to the saved position when the memory key is pressed.

1. When "RST" is display screen, press the "↓" button the desk frame reaches its lowest point. sound and desk frame rebound

2. Forced initialization: Press the "↓" button until the desk frame reaches its lowest point, then release the button and press it again for about 5 seconds until the sound and desk frame rebound

Restore factory settings: When controller is changed or the parameters need to be restored to 1. 1.

■ Safety Function

encounter resistance, will rebound

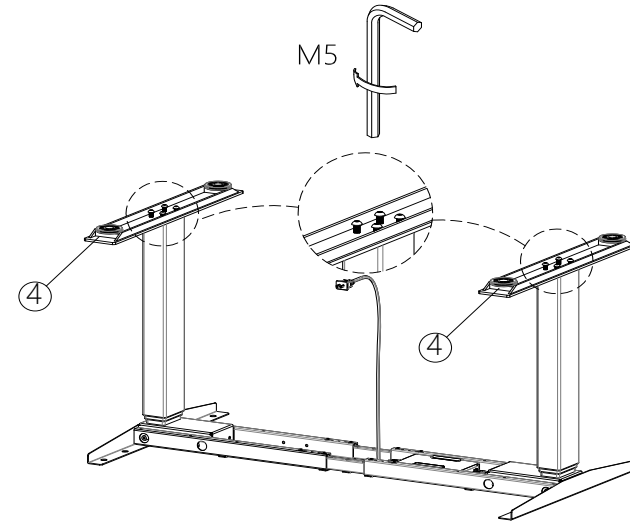
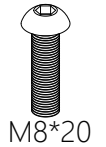
■ Handset error code and solution

Error code	Fault	Solution
E1,E6,E7	power fault	change power
E2	nsynchronous height over 1cm	Implement the initialization operation 1
E4	handset fault	Unplug and replug the hand set
E5	Anticollision alert	Rebound reminder, normal condition
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HOT	overtime operation	Automatic recovery after 20 minutes

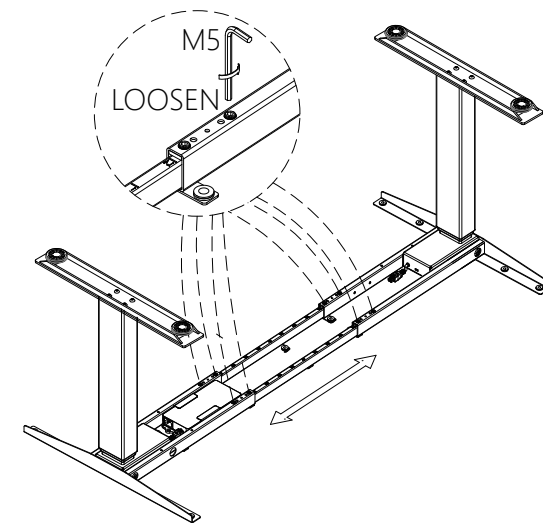
INSTALLATION INSTRUCTION

STEP 5

B | QTY:8




STEP 6



INSTALLATION INSTRUCTION

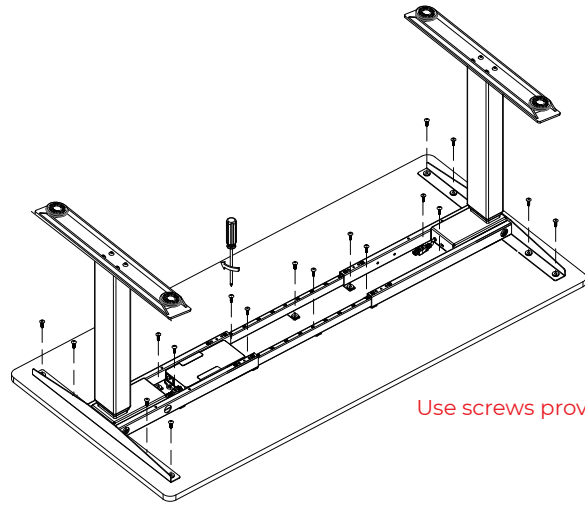
STEP 7

E | QTY:18



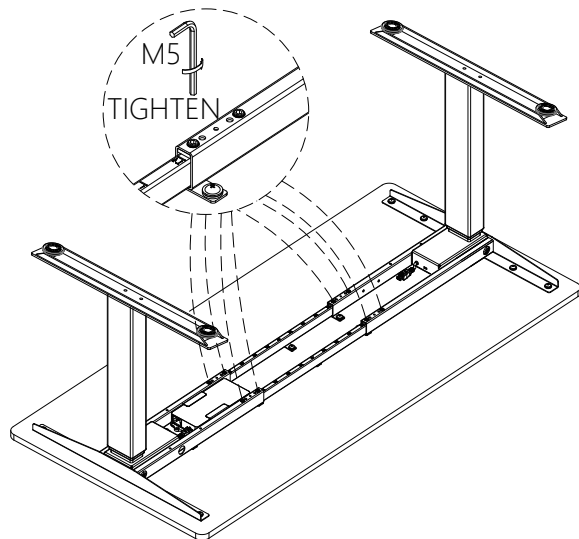
M5.0*23
(optional)

↓
Do not use



Use screws provided by Tayco

STEP 8




M5
TIGHTEN

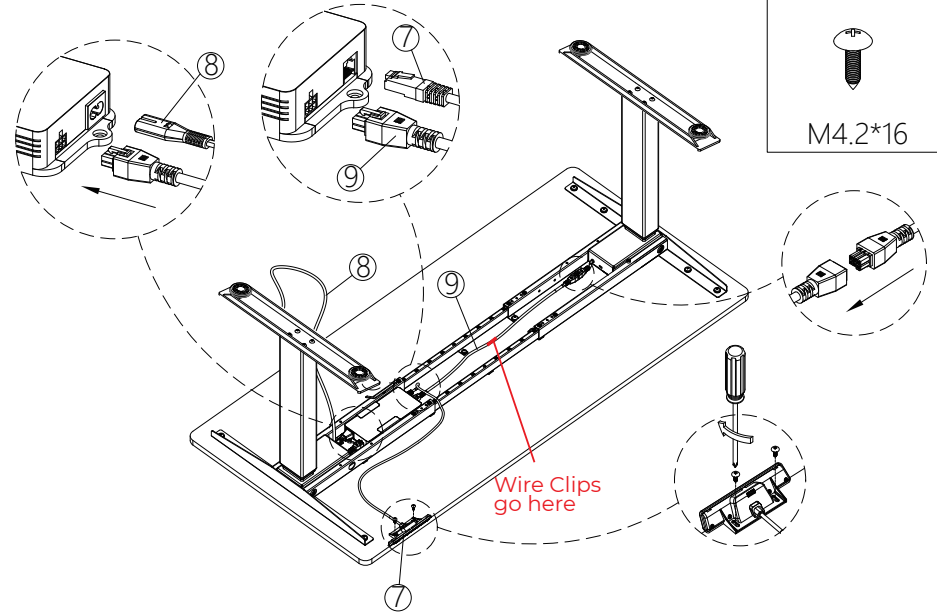
INSTALLATION INSTRUCTION

STEP 9

D | QTY:2

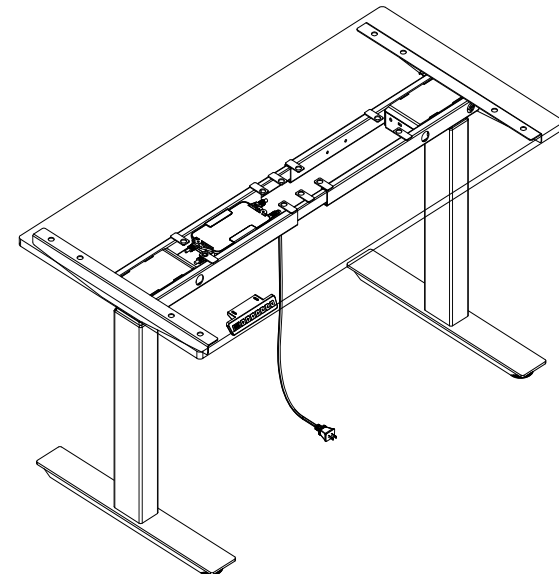


M4.2*16



Wire Clips
go here

STEP 10



Volley

Three Leg

SPECIFICATIONS

Electric control part:

Input Voltage:100-240Vac 50/60Hz

Duty cycle:10%MAX 2min on 18min off

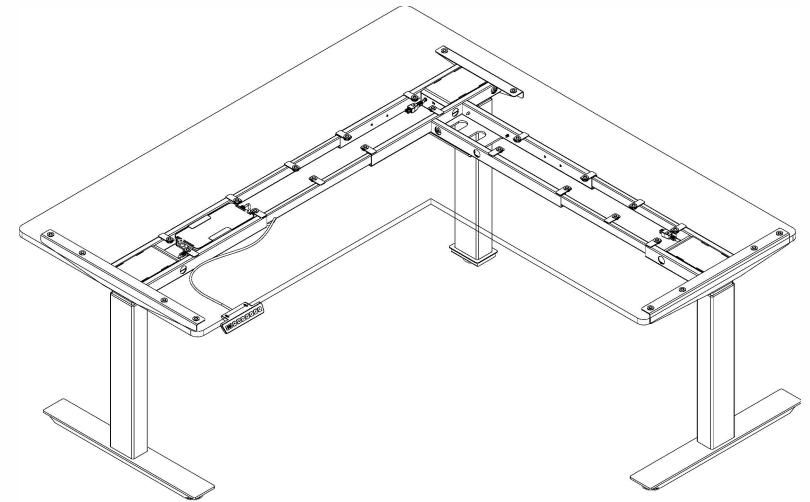
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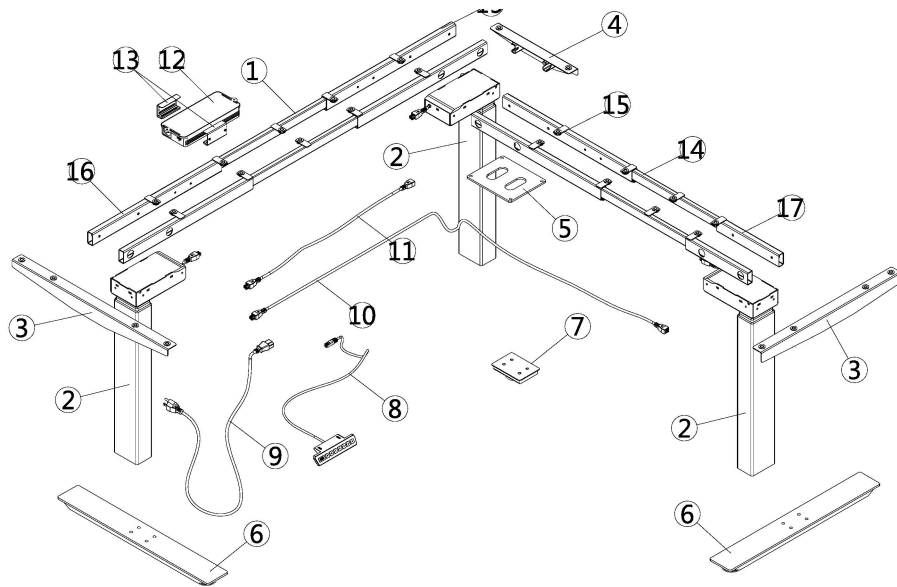
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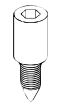
IR30L Assembly Instructions

INSTALLATION INSTRUCTIONS



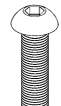
HARDWARE INCLUDED

A | QTY:6



M6*12

B | QTY:12



M8*20

C | QTY:12



M6*10

D | QTY:2



M4.2*16

E | QTY:28



M5.0*23
(optional)

↓
This bolt is with the feet
in a separate box

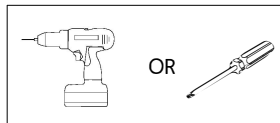
Do not use the
wood screws

TOOLS INCLUDED



M5

TOOLS REQUIRED



DIRECTIONS FOR USE

Advanced Function Settings

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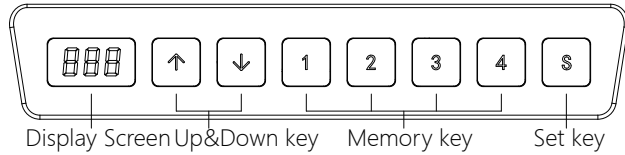
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Metric and Inch		
S-2	Click "S" Key	↑ 0 shut down ↓ 1 The sensitive ↓ 8 The most sensitive
Gyroscope anti collision sensitivity		
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Current up anti collision sensitivity		
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Current down anti collision sensitivity		
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Bas height		
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Desk surface decline sensitivity		
		Click "S" key to back

DIRECTIONS FOR USE



The whole handset surface is a button panel. 30 seconds, the screen and 1/2/3/4/S keys locked. Press Up or Down key

■ Display Screen

Display the height of the desk.

■ Up & Down Keys

UP ↑ DOWN ↓ key to

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Press the "S" key when memory and internal parameters need to be set.

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Restore factory settings: When controller is changed or the parameters need to be restored to

■ Safety Function

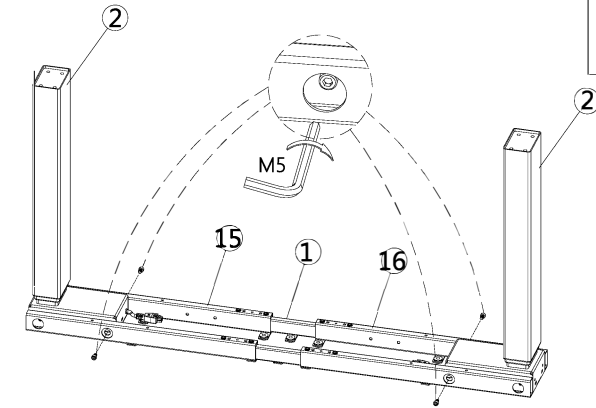
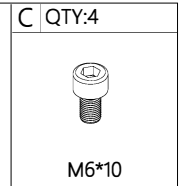
encounter resistance, will rebound

■ Handset error code and solution

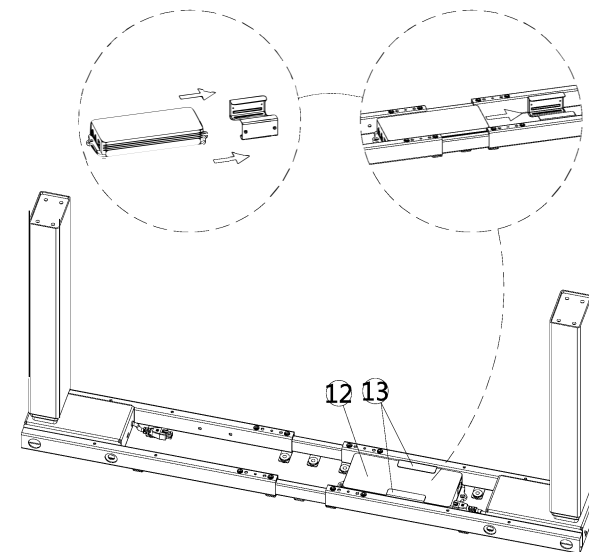
Error code	Fault	Solution
E1,E6,E7	power fault	change power
E2	nsynchronous height over 1cm	Implement the initialization operation 1
E4	handset fault	Unplug and replug the hand set
E5	Anticollision alert	Rebound reminder, normal condition
E8	desktop	check the desktop
E11,E21	Motor defect	inspect the motor wire
E12,E22	controller fault	Exchange the controller
E14~E17,E24~E27	motor fault	change motor
E18,E28	overloading	reduce the loading
HOT	overtime operation	Automatic recovery after 20 minutes

INSTALLATION INSTRUCTIONS

STEP 1

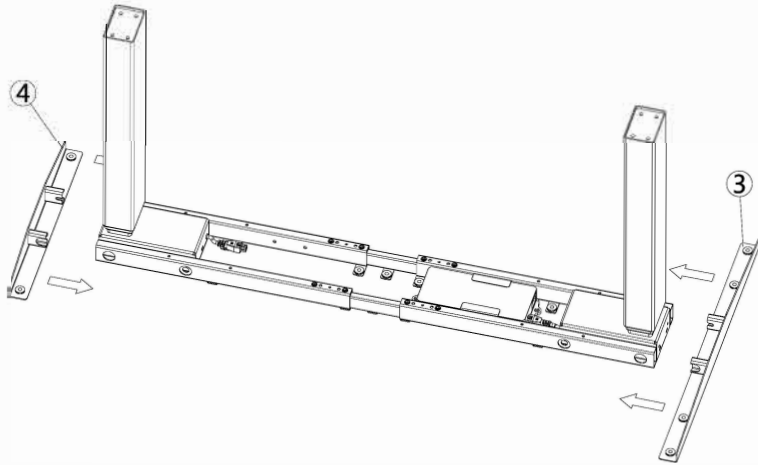


STEP 2

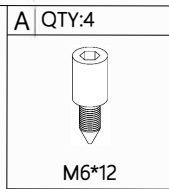
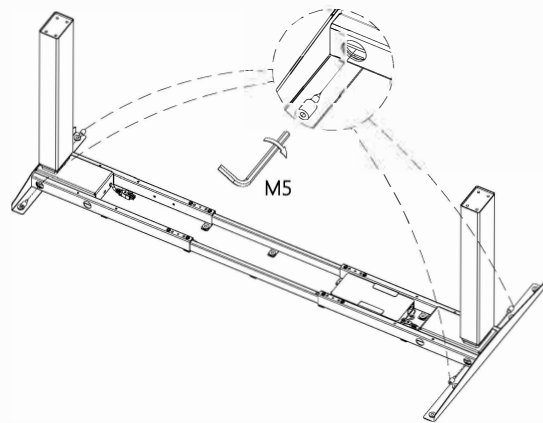


INSTALLATION INSTRUCTIONS

STEP 3

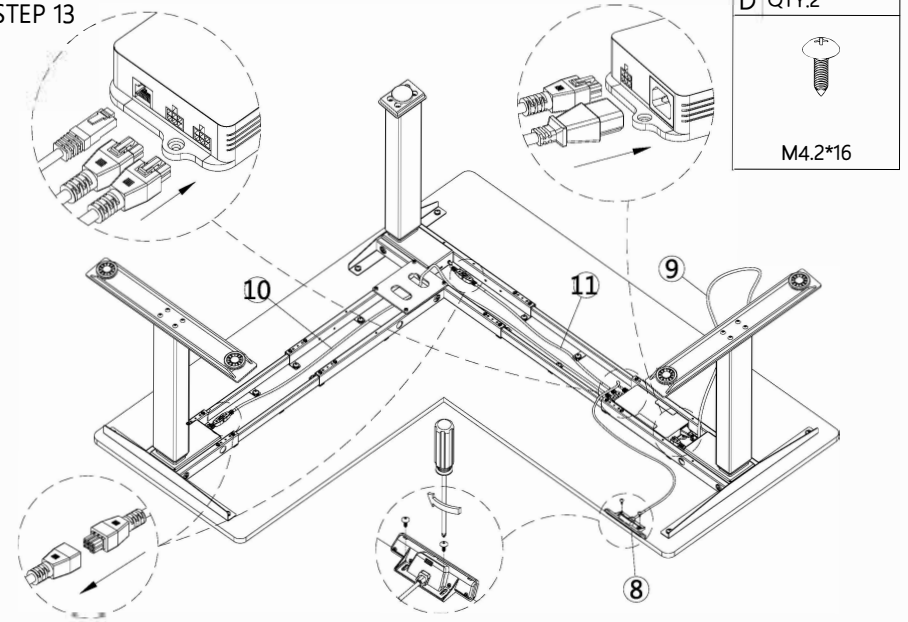


STEP 4

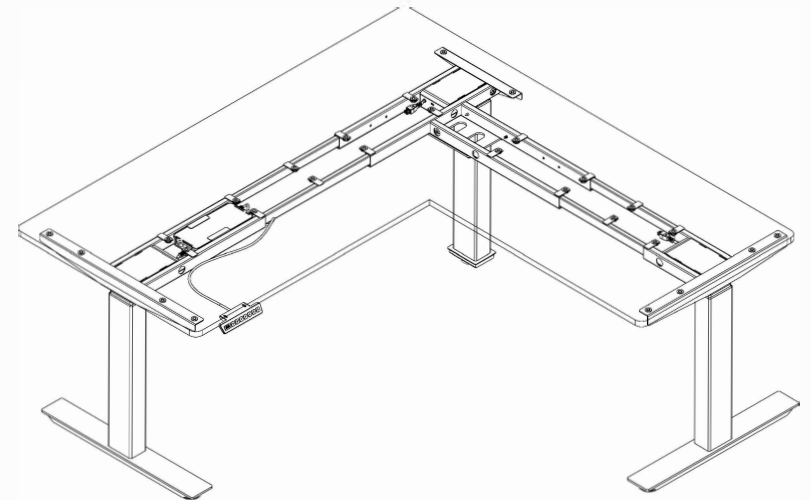


INSTALLATION INSTRUCTIONS

STEP 13




STEP 14

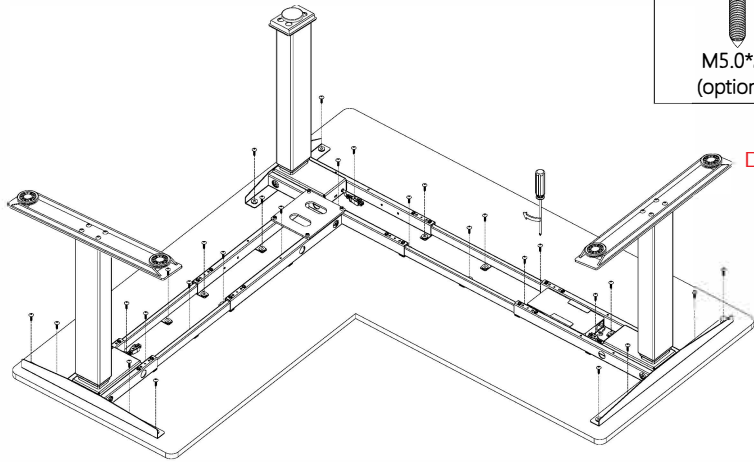


INSTALLATION INSTRUCTION

STEP 11

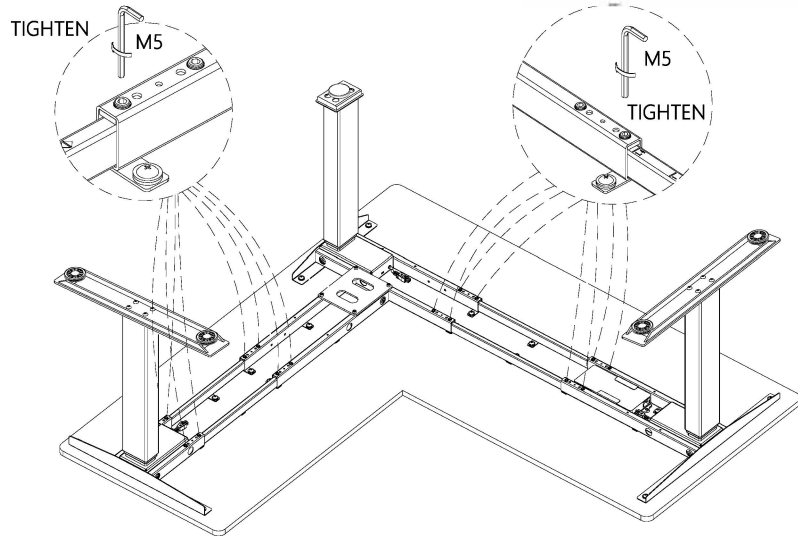
E	QTY:28
	
M5.0*23 (optional)	

Do not use




Use screws provided by Tayco

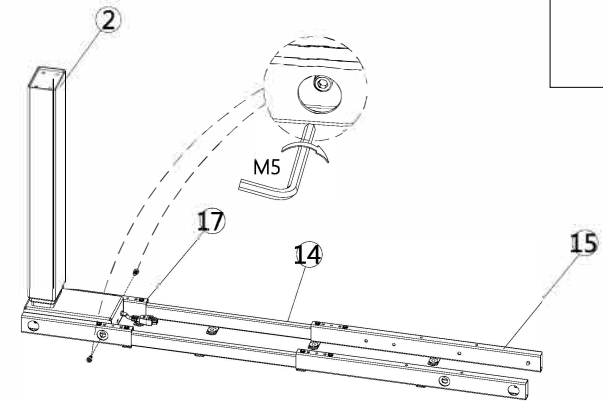
STEP 12



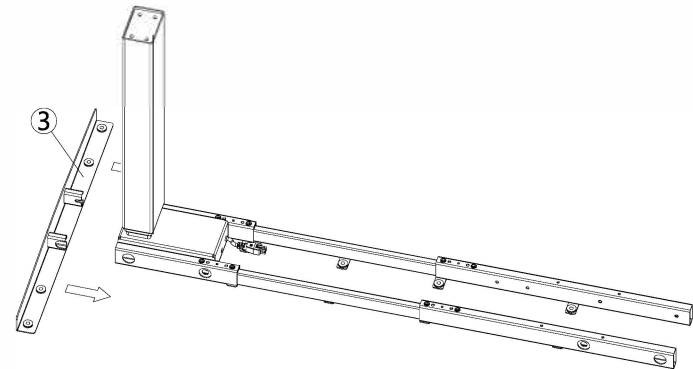
INSTALLATION INSTRUCTION

STEP 5

C	QTY:2
	
M6*10	

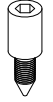


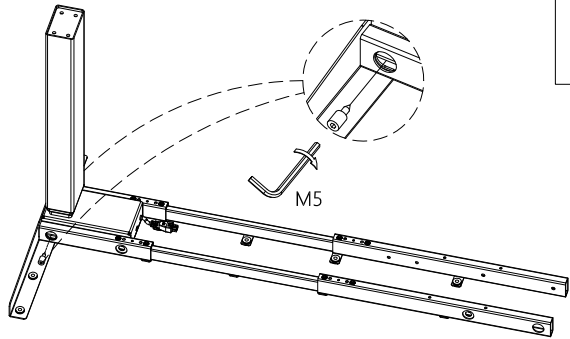
STEP 6




INSTALLATION INSTRUCTION

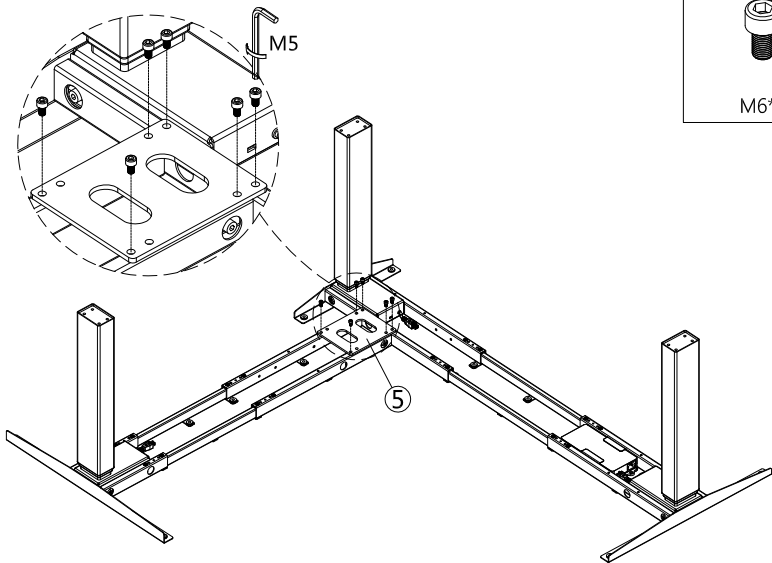
STEP 7

A	QTY:2
	
M6*12	



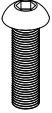
STEP 8

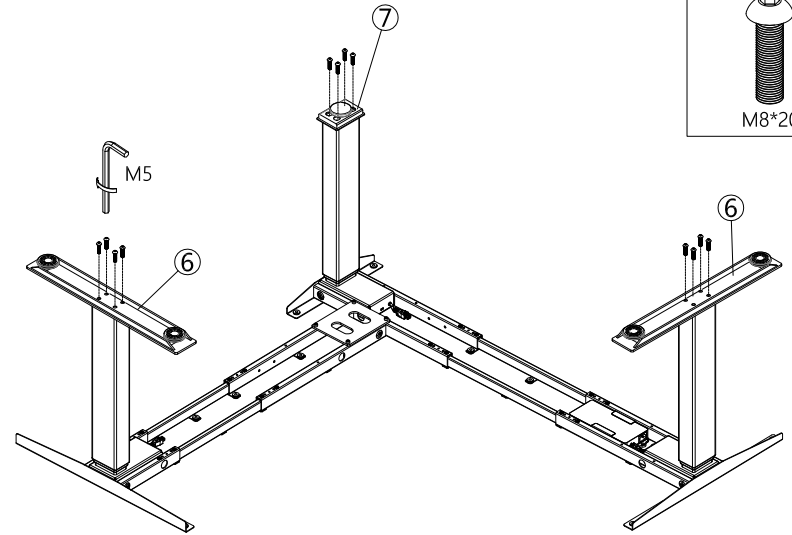
C	QTY:6
	
M6*10	



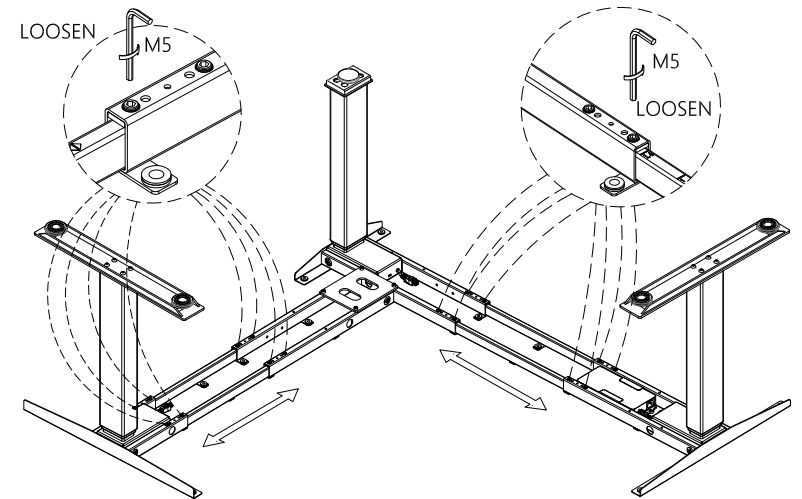
INSTALLATION INSTRUCTION

STEP 9

B	QTY:12
	
M8*20	



STEP 10



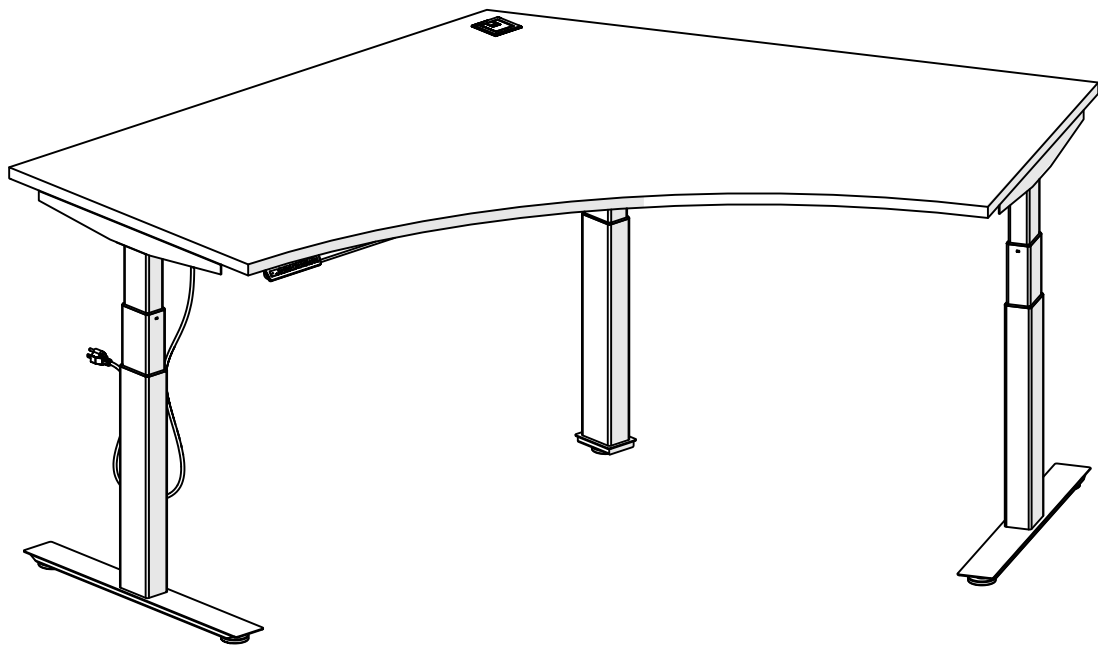


120° Height Adjustable Table

installation guide

June 2022

120° Height Adjustable Table



for more information, contact Installation Service
toll free | 1.800.675.4092
Mon - Fri | 8:30 am – 5:00 pm EST
www.tayco.com

120° Height Adjustable Table

1. Take the base assembly out of the box and place it on a clean, solid surface or floor; position the bases at 120-degree angle.
2. Set the base columns/legs at 90-degree angle; tighten the screws inside the frame using an Allen Key, (Figure 1).

Continued on the next page >>

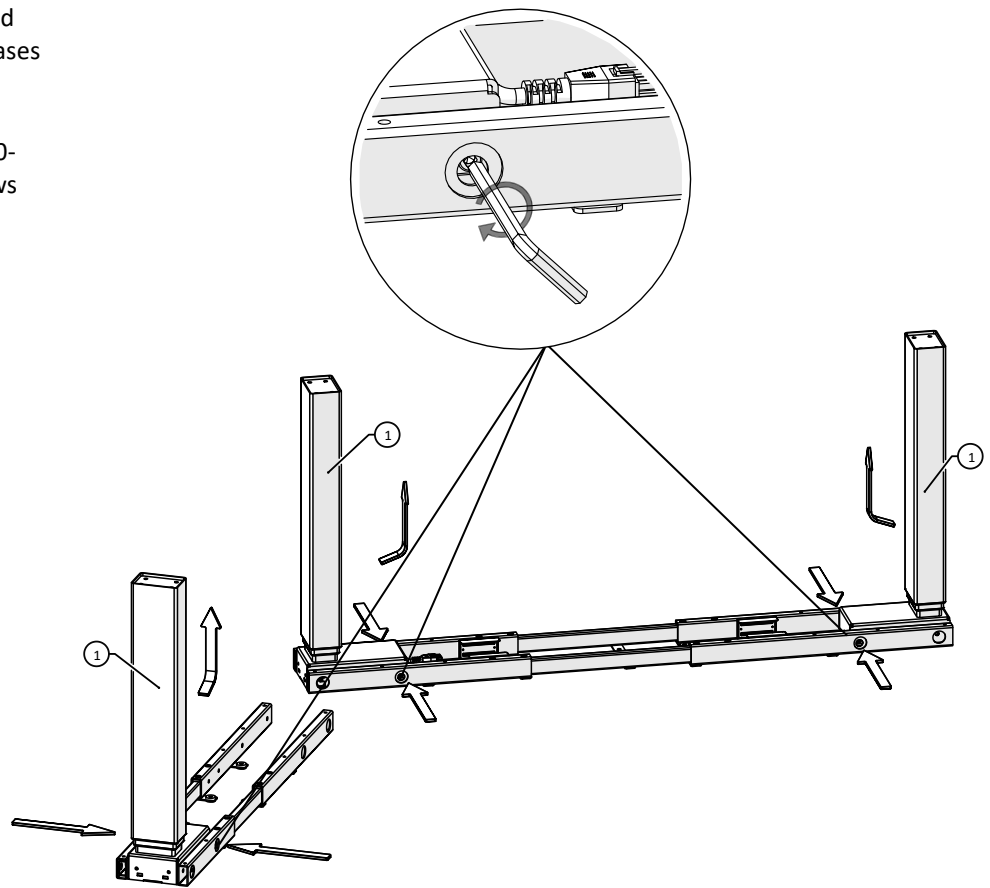



Figure 1

① BASE COLUMN/LEG

Tools & Hardware Needed

				
Allen Key				

120° Height Adjustable Table

- 3. Slide the controller and insert it into the C-channels; connect the cable from the base column/leg to the controller, (Figure 2).

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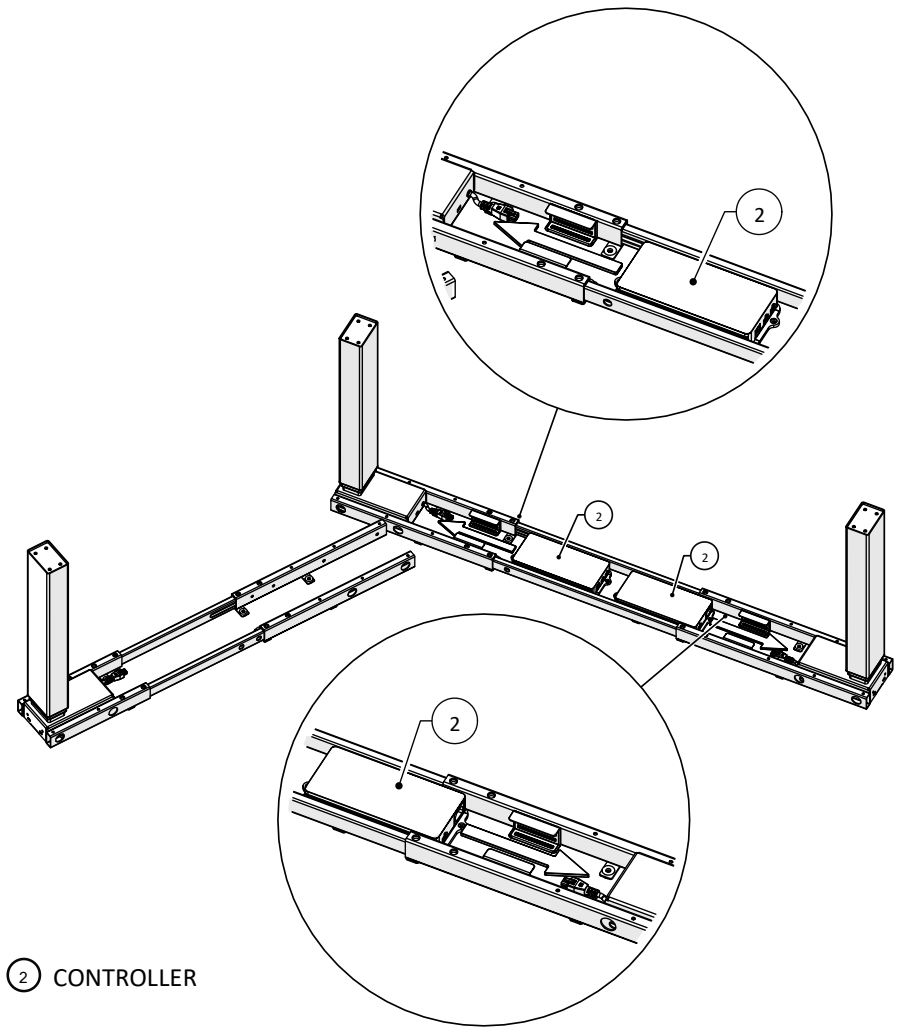


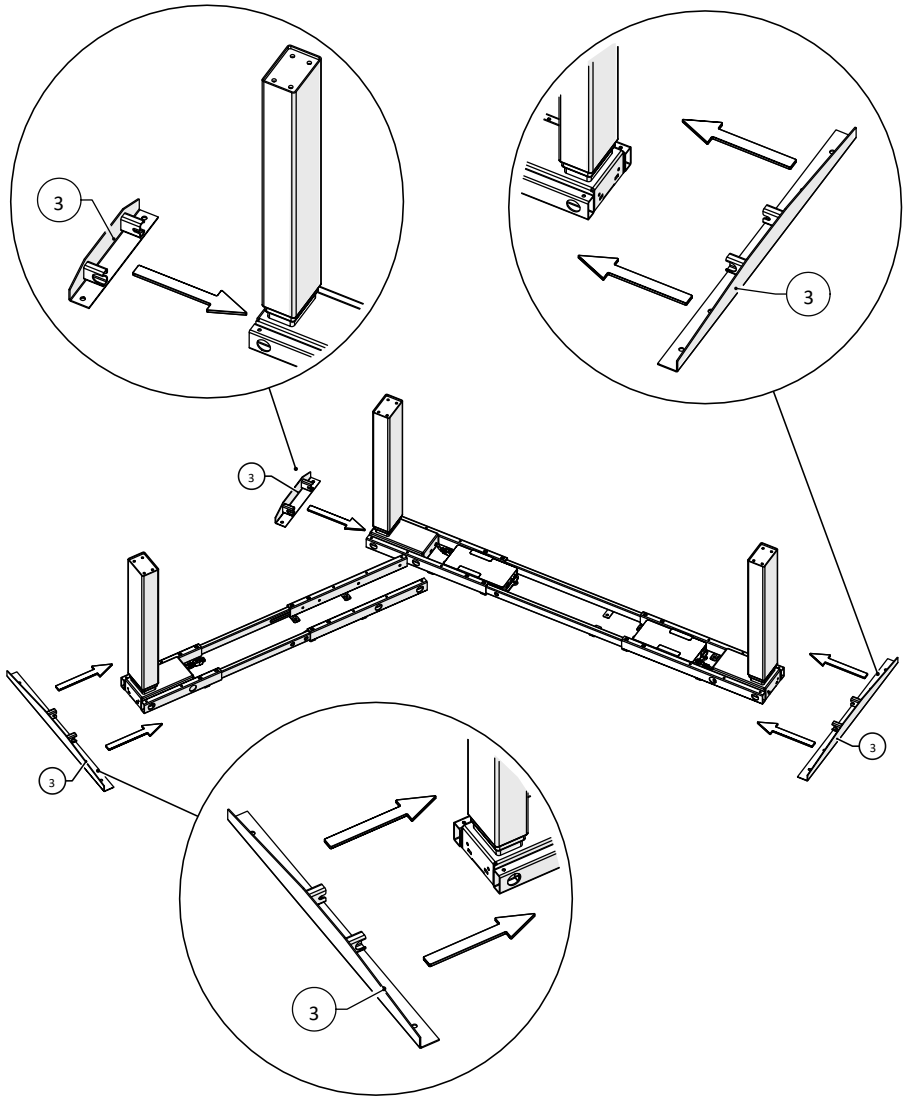
Figure 2

Tools & Hardware Needed

120° Height Adjustable Table

- 4. Slide the Side Support Bracket and insert it into the base frame, (Figure 3).

Continued on the next page >>



3 SIDE SUPPORT BRACKET

Figure 3

Tools & Hardware Needed

120° Height Adjustable Table

5. Insert the M6 pins through the sides of the base frame; securely fasten the side support brackets by tightening the M6 pins, (Figure 4).

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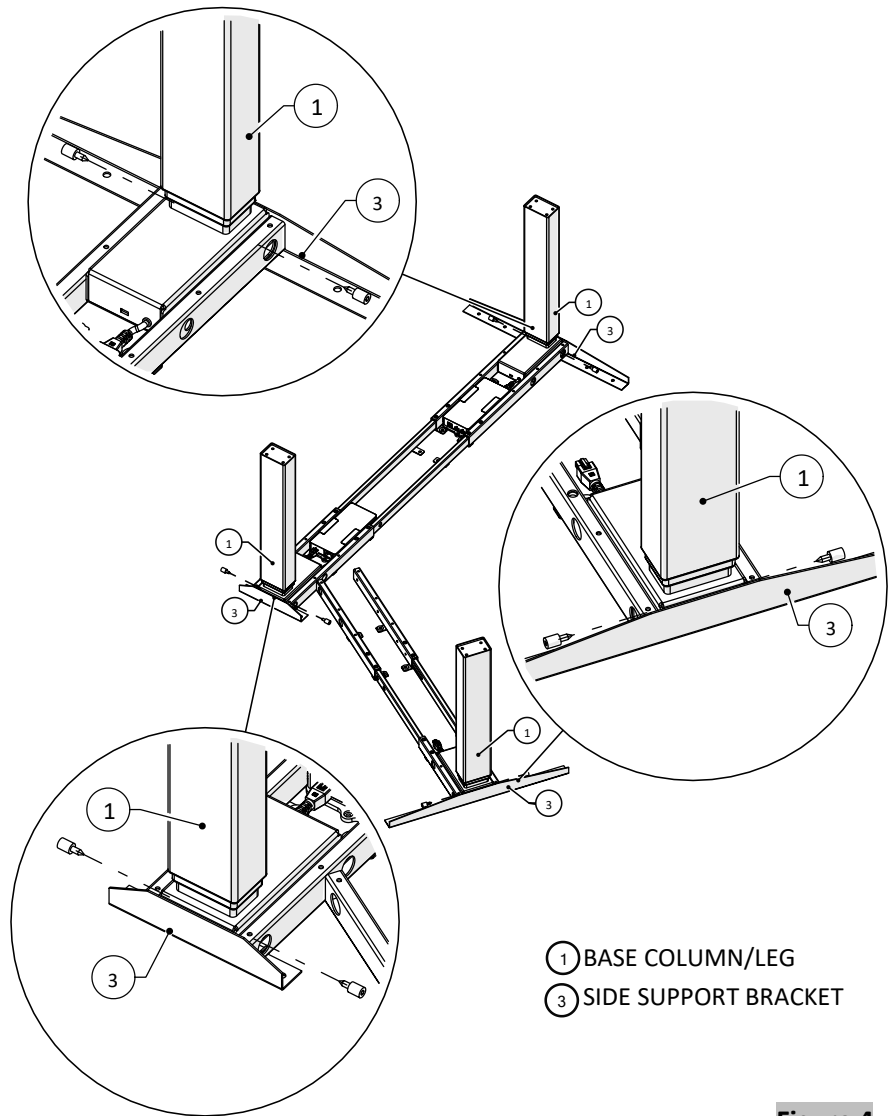




Figure 4

Tools & Hardware Needed

				
Allen Key	M6 Pin			

120° Height Adjustable Table

6. Install the base foot to the base column/leg using M8 X 30 machine screws, (Figure 5).

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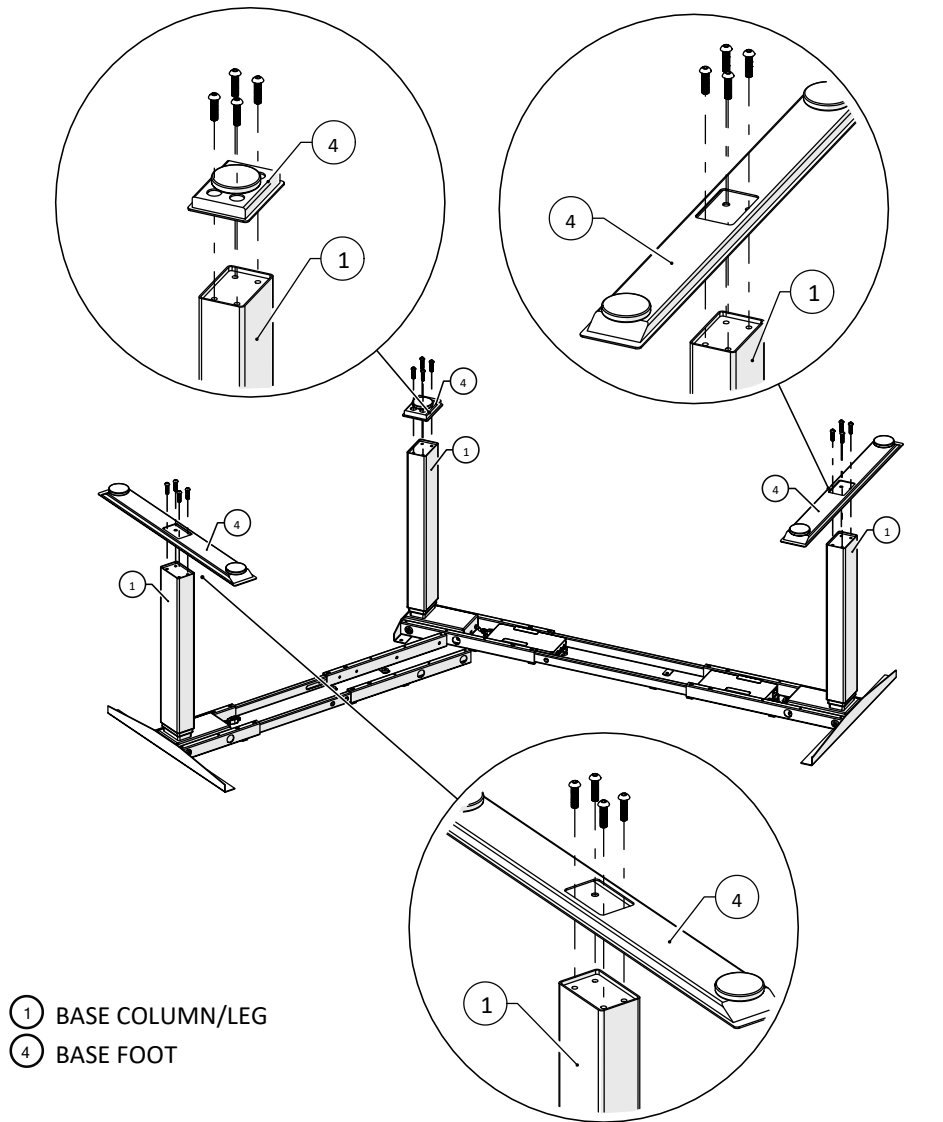




Figure 5

Tools & Hardware Needed

				
Allen Key	M8 X 30			

120° Height Adjustable Table

7. Install the 120-degree corner plate to the base frames using M6 X 10MM machine screws, (Figure 6).
8. Position the table top with top surface down on a clean, solid surface or floor; place the assembled base on underside of table top.
9. Loosen the screws of the base frame using an Allen Key; adjust the widths of the base frame to fit the table top by aligning the holes of the side support bracket to the pre-drilled holes in underside of table top, (Figure 7).

⑤ 120° CORNER BRACKET

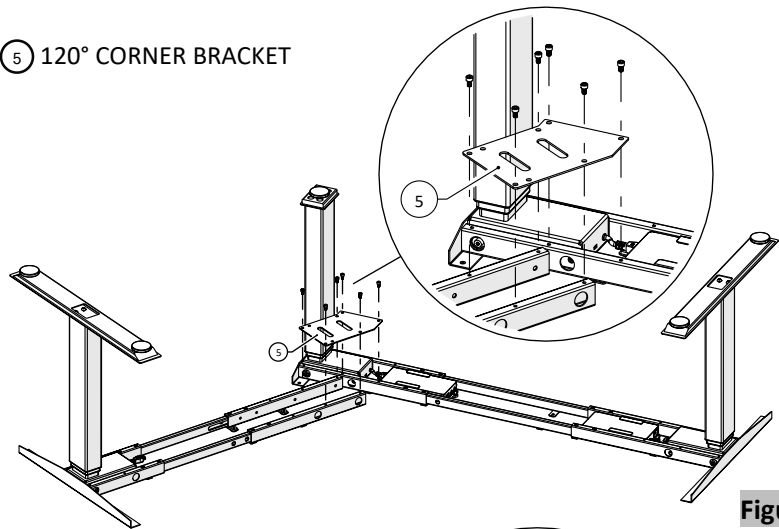


Figure 6

Continued on the next page >>

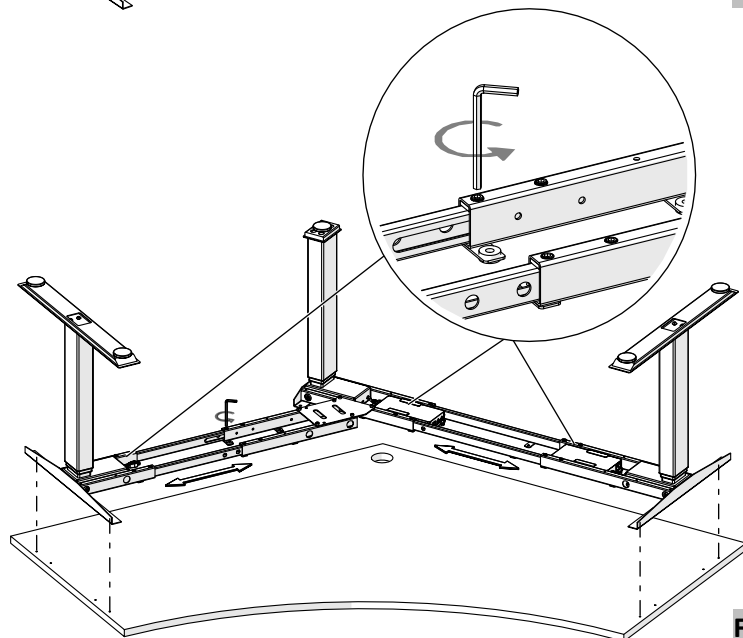




Figure 7

Tools & Hardware Needed

				
Allen Key	M6 X 10			

120° Height Adjustable Table

10. Secure the base frame to the table top with #10 X 1" Pan Head Screws, (Figure 8).

11. Tighten the screws of the base frame using an Allen Key, (Figure 9).

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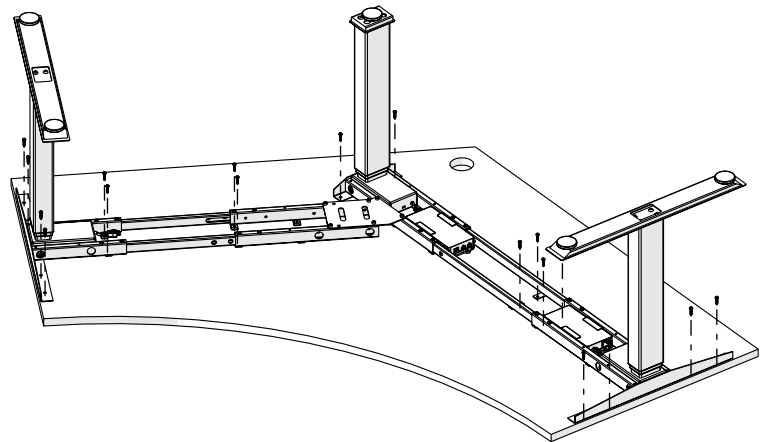


Figure 8

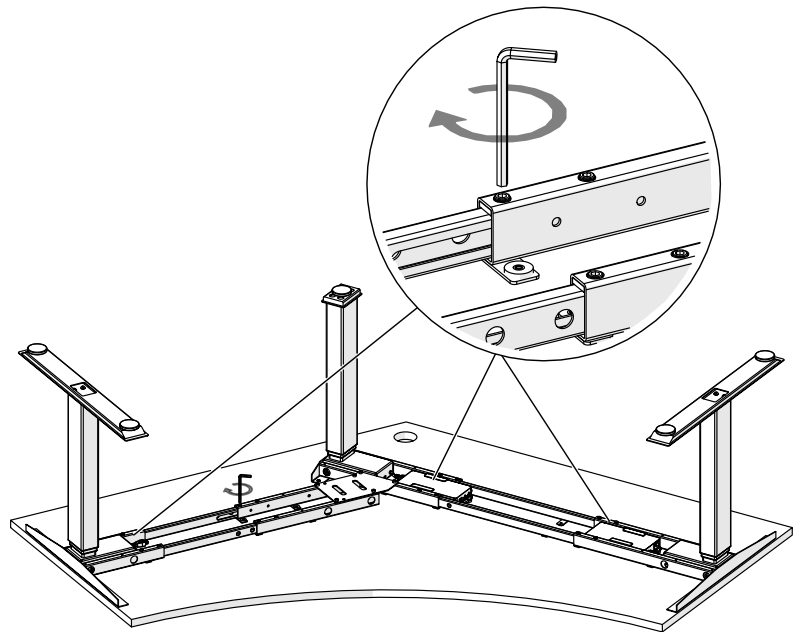






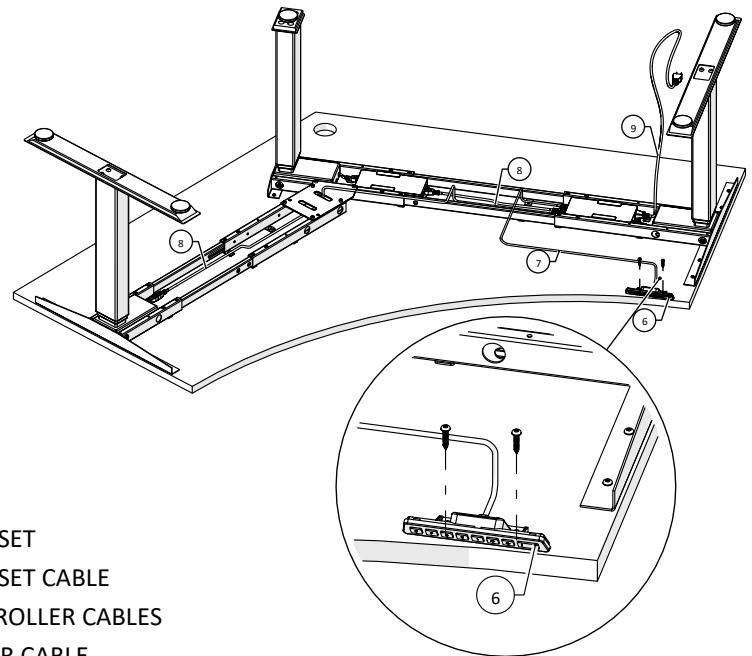
Figure 9

Tools & Hardware Needed

			8540-0789 	
Drill	Robertson #2 Long Bit	Allen Key	#10 X 1" Pan Head Screw, RB2, Black	

120° Height Adjustable Table

- 12.** Position the handset in the desired location; secure it with 2 #10 X 1" Pan Head Screws, (Figure 10).
- 13.** Connect the handset cable, controller cables and power cable to controller.
- 14.** Carefully turn the table upright; adjust the glide to ensure the table is level and stable
- 15.** Insert the wire grommet into the grommet hole, (Figure 11).



- ⑥ HANDSET
- ⑦ HANDSET CABLE
- ⑧ CONTROLLER CABLES
- ⑨ POWER CABLE
- ⑩ WIRE GROMMETS

Figure 10

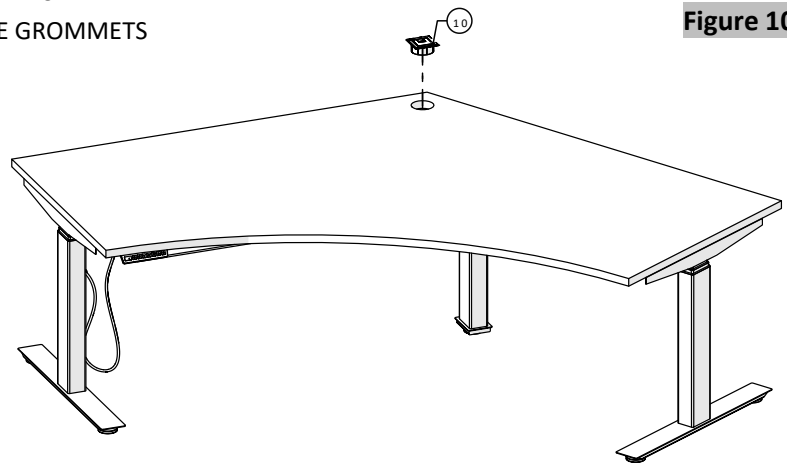
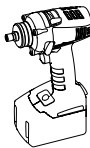




Figure 11

Tools & Hardware Needed

		8540-0789 		
Drill	Robertson #2 Long Bit	#10 X 1" Pan Head Screw, RB2, Black		

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11/22