

Elate Electric Height Adjustable Desk (2-Leg)



Part Number(s):

59413-XXXX-XXXX, 59423-XXXX-XXXX, 59433-XXXX-XXXX, 59411-XXXX-XXXX, 59421-XXXX-XXXX, 59531-XXXX-XXXX, 59412-XXXX-XXXX, 59422-XXXX-XXXX, 59432-XXXX-XXXX, 59410-XXXX-XXXX, 59420-XXXX-XXXX, 59430-XXXX-XXXX



ASSEMBLY INSTRUCTIONS
DO NOT THROW AWAY!



**INSTRUCCIONES DE
ENSEMBLAJE**
NO LA TIRE

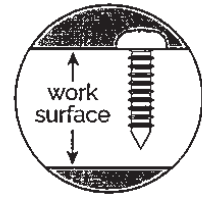
**INSTRUCTIONS DE
MONTAGE**
NE PAS JETER

Parts List & Hardware



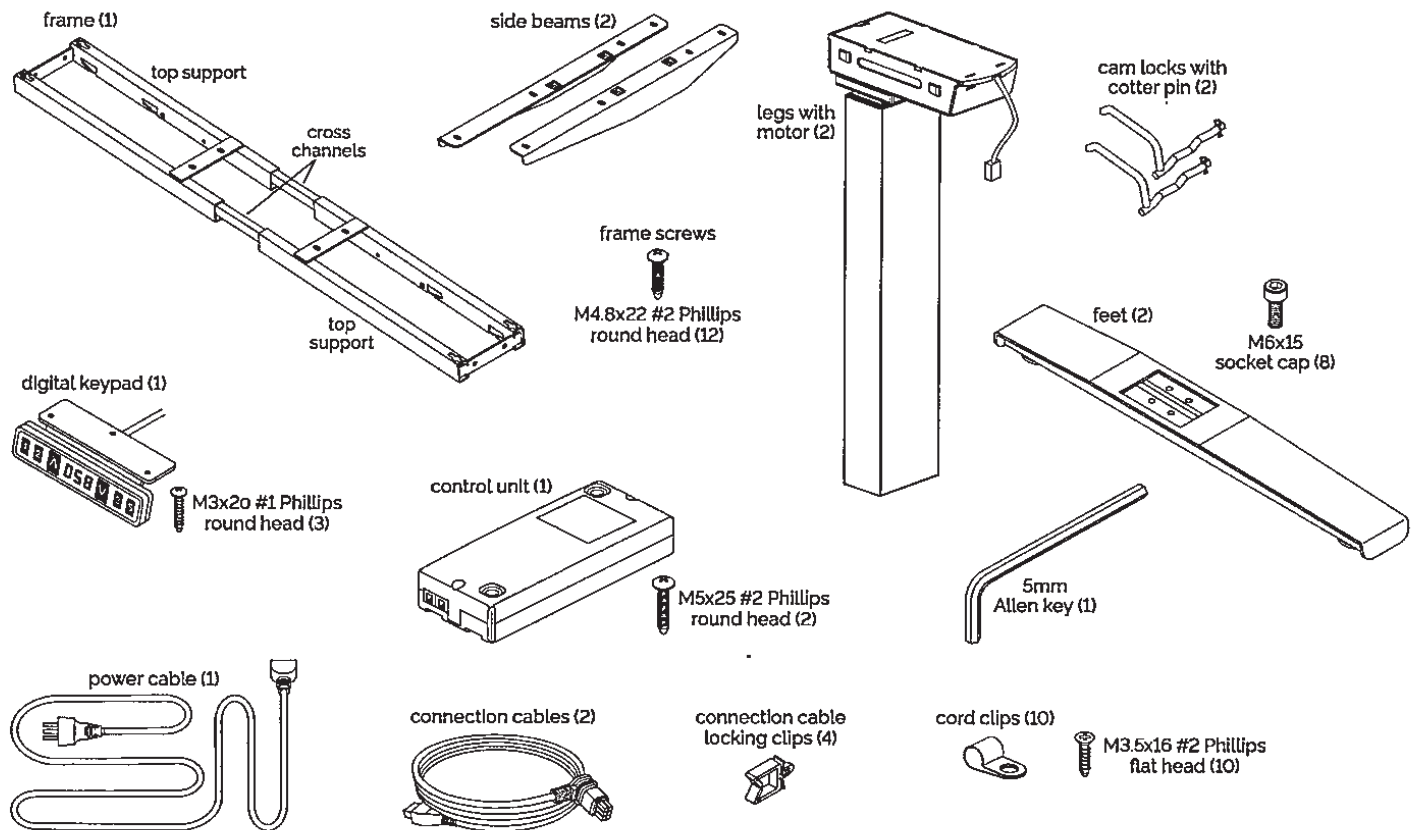
Caution

- When drilling holes for the wood screws, guard against drilling through the top of the worksurface.
- Always check that screws used to attach components to the worksurface are not too long for the thickness of the surface.



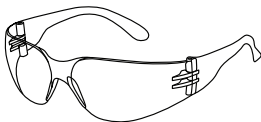
Please review these instructions before beginning the installation. Use the illustrations below to check that all the components needed for your installation were provided with your order. Contact your supplier if any parts are missing. Do not discard the packaging until the product works to your satisfaction.

Components and tools



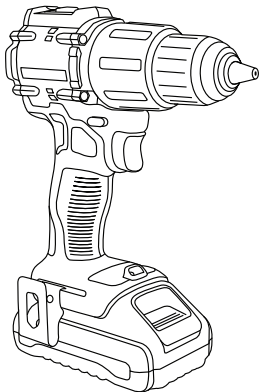
Safety

OSHA Approved Safety Goggles



Tools

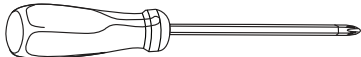
Power Drill
(Only needed if there is no
grommet hole in table)



#3 Phillips Screwdriver Bit



#3 Phillips Screwdriver



WARNINGS AND DISCLAIMERS

Review full assembly instructions and check that all parts are present before beginning assembly. Heavy or large furniture may require multiple persons in order to properly assemble. If you have questions regarding assembly, contact the manufacturer before continuing. Damage due to incorrect assembly may not be covered by warranty. Do not use product unless all screws are tight. Check all screws for tightness at least every six months. If parts are broken, missing, damaged, or worn, stop use of the product until repairs are made by your dealer using factory authorized parts.

ADVERTENCIAS Y RENUNCIAS

Por favor leer las instrucciones previo a comenzar el proceso de ensamblaje o instalacion. Asegure que cuenta con todas las partes y materiales necesarios. Es posible que los muebles y tableros grandes o pesados, requieran mas de una persona para ensamblarlos/ instalarlos correctamente. Si tiene alguna duda o consulta, comuniquese directamente con el fabricante antes de continuar con el proceso de armado / instalacion del producto. La garantía no cubre daños por errores cometidos durante el proceso de ensamblaje / instalacion. Asegurese de que los tornillos esten ajustados antes de usar el producto. Se recomienda revisar los tornillos periódicamente, por lo menos cada seis meses y asegurarse de que estén bien ajustados. Por favor detenga el uso del producto si hay partes con fallas, rotas o deterioradas con tiempo. Contacte a su distribuidor para que replacen las partes o realicen las reparaciones necesarias con repuestos autorizadas por el fabricante.

AVERTISSEMENTS

Avant de commencer l'assemblage veuillez consulter les instructions complètes et vérifier si vous avez toutes les pièces nécessaires. Il est possible que plusieurs personnes soient nécessaires pour assemble des meubles grand ou lourds. En cas de doute sur l'assemblage contactez le fabricant avant de continuer. Les dommages encourus pendant l'assemblage ne seront pas couvert par la garantie. Ne pas utiliser le produit sans vérifier que tous les vis soient serrées. Vérifiez que les vis sont serrées au moins tous le 6 mois. Si aucune pièce se casse, manque, est endommagée ou usée, arrêtez d'utiliser de produit jusqu'à ce que le vendeur le repaire a l'aide de pièces autorisées par la fabricant.

WARRANTY

For full product warranty details, please visit:

Para obtener información sobre la garantía del producto, consulte este sitio (ingles):

Pour plus d'informations sur la garantie du produit, consultez ce site (anglais):

<https://moorecoinc.com/warranty>

NEED HELP?

For assistance, contact us by filling out the "Contact Us" form on our website. Select "Installation Assembly Help," and we will respond directly.

www.moorecoinc.com/contact-us/





IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS

Read before using!

Read and follow all instructions and warnings before use. Save these instructions for future reference.

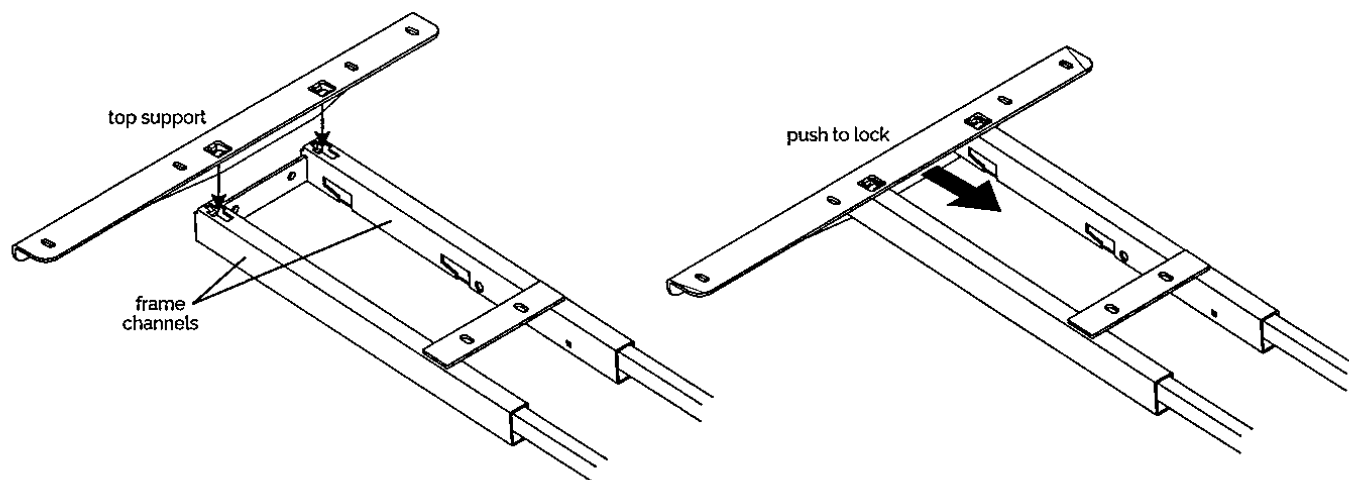
- **CAUTION:** Lift hazard! Two people are required to move desk. Serious injury may occur.
- DO NOT EXCEED MAXIMUM STATED WEIGHT CAPACITY OF 200 LBS. SERIOUS INJURY OR PROPERTY DAMAGE MAY OCCUR.
- Do not operate table if any part is damaged or defective.
- Do not place obstacles in the desk's path.
- Do not place objects under the desk that are taller than 22" (558mm).
- Make sure the desk has proper clearance on all sides (at least 1" or 25mm) to all surrounding walls and objects.
- Do not sit or stand on the desk.
- Do not disassemble the legs, control box or controller. Serious injury may occur.
- Ensure all cord lengths are long enough to accommodate all changes in height and follow cord routing instructions in this manual. Failure to follow these instructions may result in equipment damage or personal injury.
- Keep liquids away from all electrical components. Only clean electrical components with a dry cloth.
- For indoor use only
- Keep power cord away from sources of heat.
- Unplug desk before moving or servicing.
- Remove all equipment and accessories from the desk before moving.
- Keep children away from moving parts and underneath the desk.

STEP 1

Step #1: attach side beams

Attach the side beams to the top supports.

- Insert the latches on the side beam into the cross-shaped openings at the end of the top supports.
- Push the side beam toward the center of the frame to lock the beam in place. The flange on each beam should be flush against the ends of the top supports.

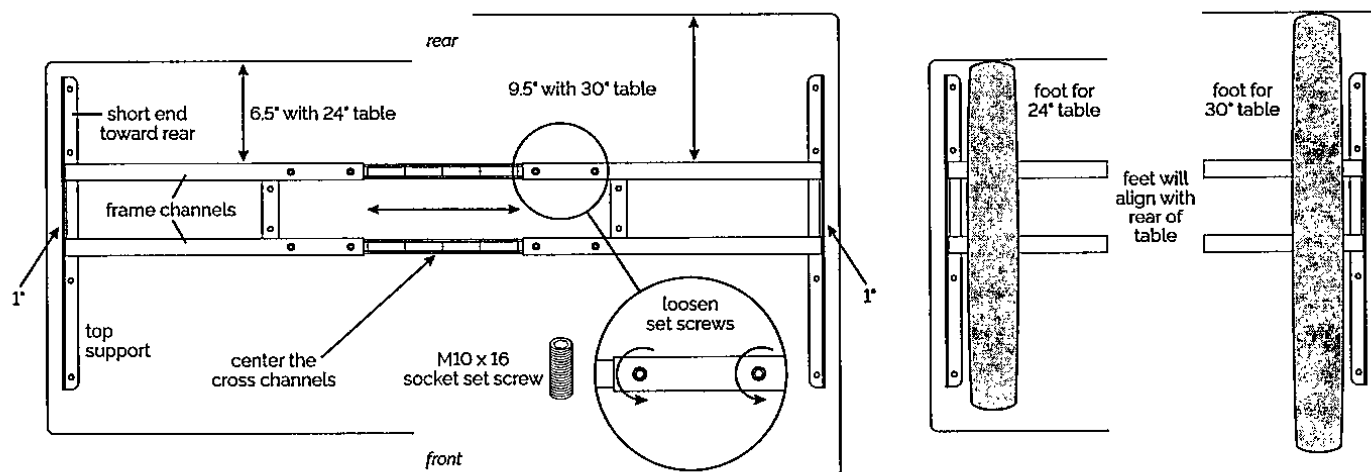


STEP 2

Step #2: position frame assembly on underside of table

With the tabletop facing down on a soft, clean surface, invert the frame assembly and position it as described below.

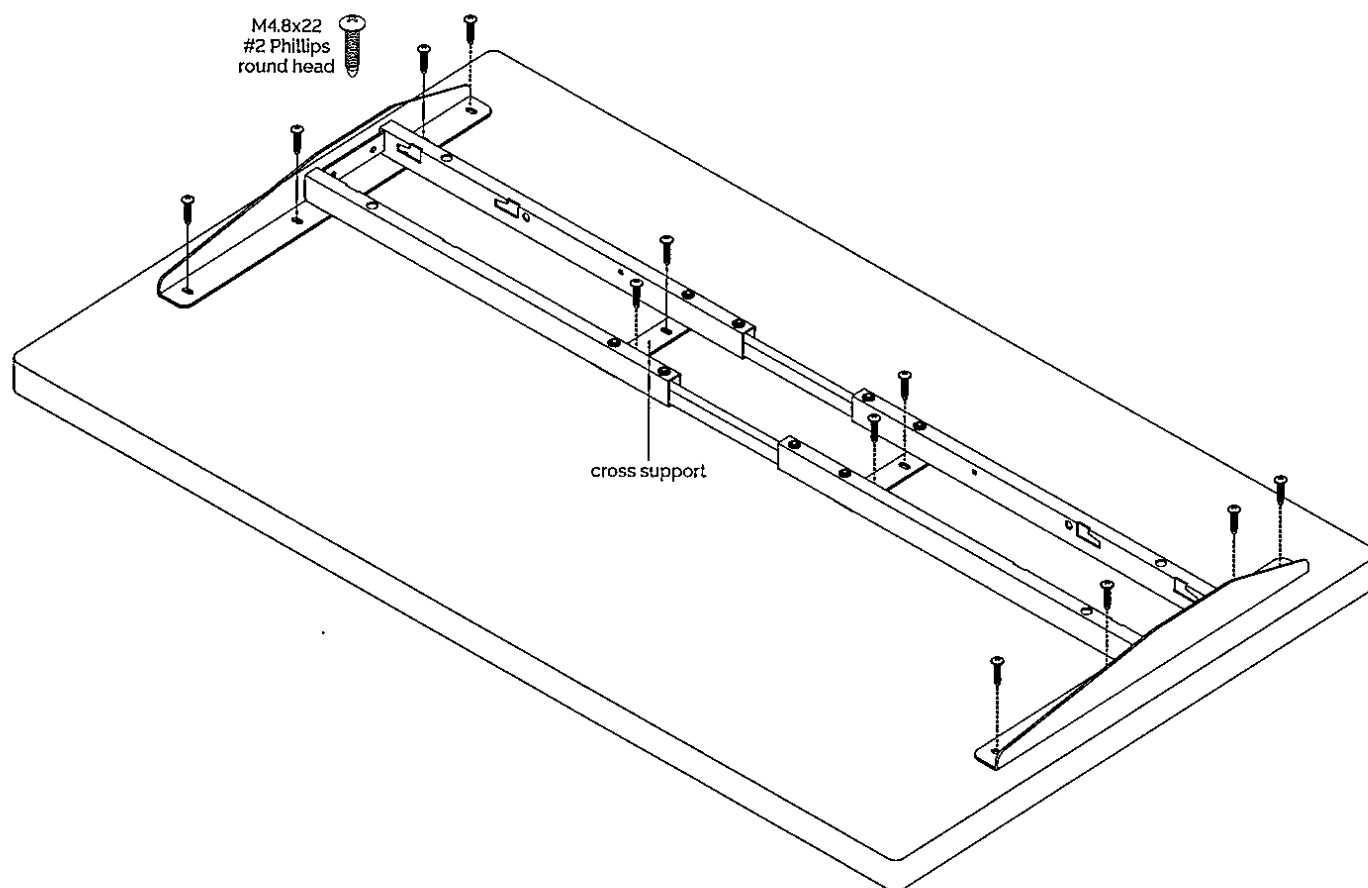
- The short end of the side beams should be toward the rear.
- Position the frame assembly side to side:
 - Loosen all eight set screws (if necessary) using the 5mm Allen key.
 - Expand or compress the frame so that the side beams are 1" from the edges of the table.
 - Center the cross channels, then tighten the eight set screws.
- Position the frame assembly front to back:
 - With tables that are 24" deep, position the rear top support channel 6.5" from the rear edge of the table.
 - With 30" tables, position the rear channel 9.5" from the rear edge of the table.
 - These positions of the frame assembly will align the rear of the feet to the rear of the table when the feet are installed in step 5.



STEP 3

Step #3: screw frame assembly to table

- Use the M4.8X22 #2 Phillips round head screws.
- Attachment of the frame assembly requires 12 screws, as shown below.



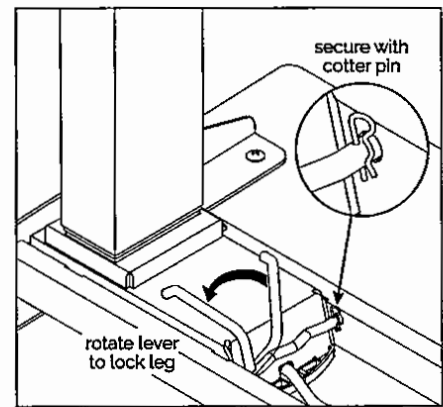
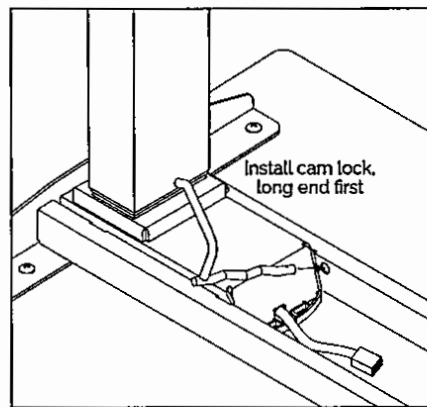
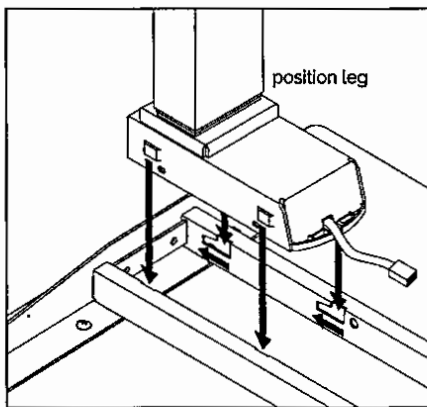
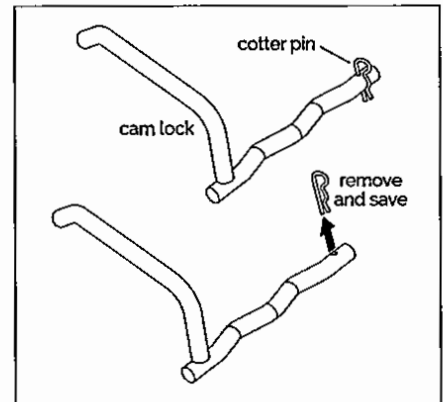
STEP 4

Step #4: attach legs to frame

- Remove the cotter pin from each cam lock and save it for use later in this step.
- Position each leg.
 - First lower the protrusions on the motor housing into the notches.
 - Then push the protrusions back toward the side beam into the narrower part of the notches.
- Install the cam lock. With the lever arm upward, insert the long end of the cam lock first, as shown.
- After the cam lock is installed, rotate its lever arm toward the leg until the lever is horizontal. This locks the leg in place.
- Install the cotter pin to secure the cam lock.
- Check to be sure each leg is securely locked in position.



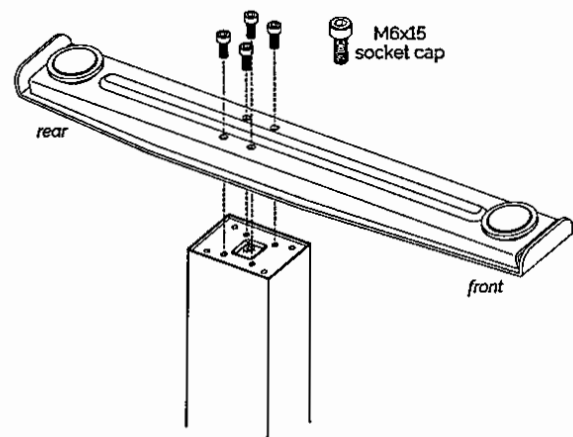
WARNING: The cam locks must be in the locked position at all times to secure the legs in place.



STEP 5

Step #5: attach feet to legs

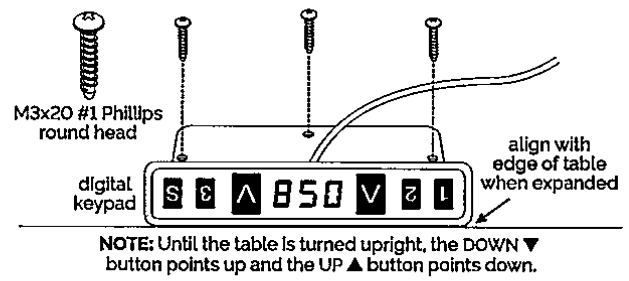
- Place the rectangular opening on the foot over the leg.
 - The short end of the foot faces toward the rear, as shown.
- Use the 5mm Allen key and M6x15 socket head screws to secure the feet in position:



STEP 6

Step #6: attach digital keypad

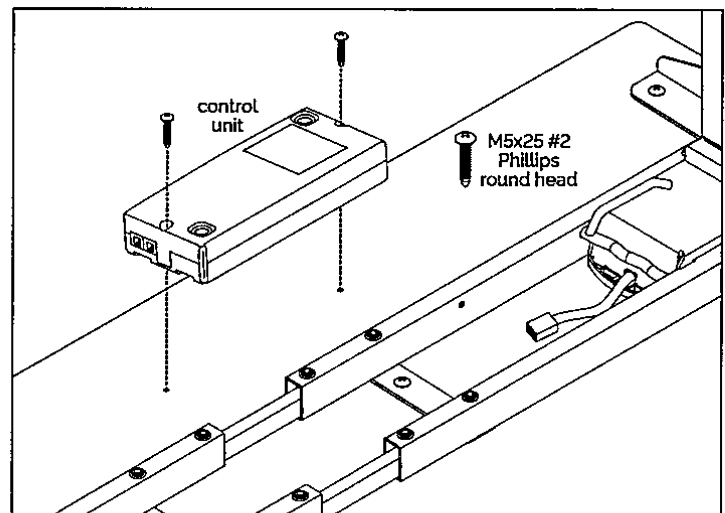
- Attach the digital keypad using the three M3x20 #1 Phillips round head screws.
- Install the keypad in the "expanded" position.
 - Pull the keypad away from the mounting bracket to expand it.
- Position the digital keypad on the left or right side of the table, according to user preference.
- Align the top of the keypad with the edge of the table so that the controls will be easily accessible in the expanded position.
 - To prevent accidental damage when not in use, the keypad may be pushed in, under the table.



STEP 7

Step #7: attach control unit

- Position the control unit near the back of the table or between the cross channels.
- Be sure that the cable from the keypad can reach the control unit and the connection cables can extend from the control unit to both motors.
- Attach the control unit using the two M5x25 #2 Phillips round head screws.

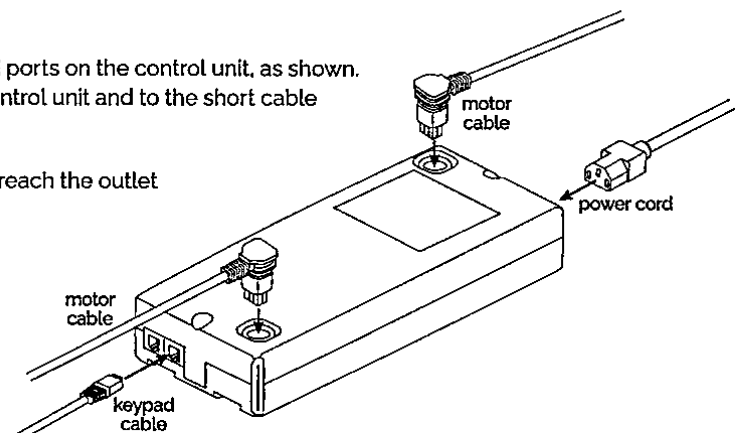


STEP 8

Step #8: make cable and cord connections

- Connect the cable from the digital keypad to one of the end ports on the control unit, as shown.
- Connect the connection cables to the ports on top of the control unit and to the short cable from each table leg.
- Connect the power cord to the control unit.
- Plug the power cord into an AC outlet. Be sure the cord can reach the outlet when the table is raised to its highest position.

CAUTION: Do not operate the table until you initialize the system.

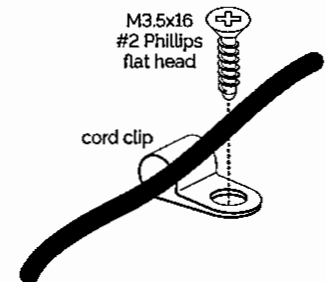
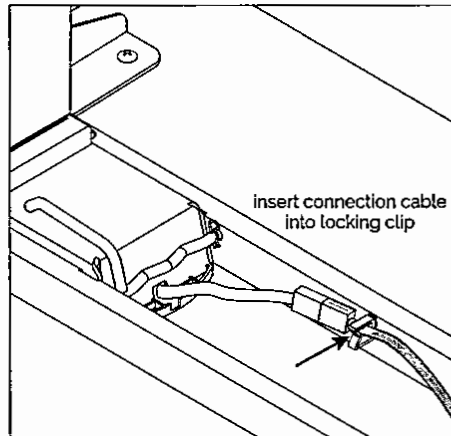
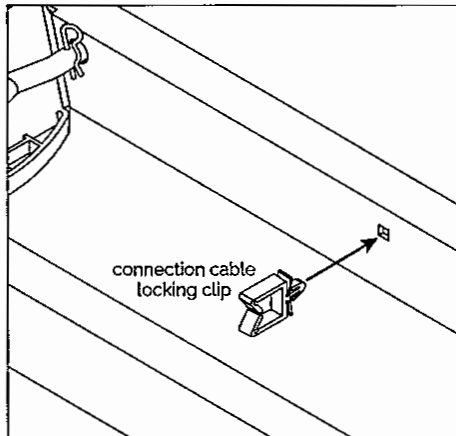


STEP 9

Step #9: use the connection cable locking clips and cord clips to secure cables and cords

IMPORTANT: The cables and cords must not dangle under the table where they may present a hazard to the user or be accidentally disconnected.

- Connection cable locking clips:
 - Push the locking clips into the square openings in the top support channels.
 - Insert the connection cables into the clips.
- Cord clips:
 - Place the cord clips onto the cables and cords.
 - Use the M3.5x16 #2 Phillips flat head screws to fasten the cord clips to the table.



STEP 10

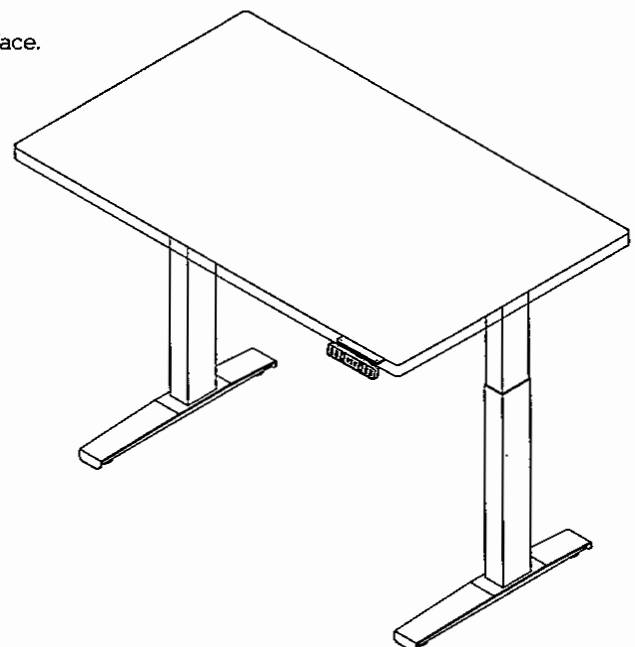
Step #10: turn the table upright

With the assistance of a helper, turn the table upright and place it in its final position.

IMPORTANT: There must be 1" (25mm) of clearance on all sides of the worksurface (and other moving parts) to ensure free, unobstructed movement.

- If necessary, adjust the leveling glides on the feet to level the worksurface.
- Plug the power cord into an AC outlet.

IMPORTANT: Be sure there are no obstacles under the table that would prevent it from reaching its lowest position.



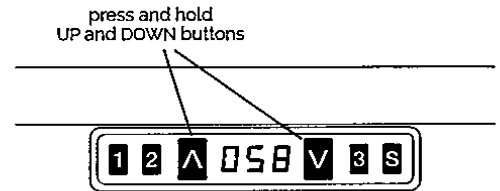
STEP 11

Step #11: initialize the system

- Press and hold the UP▲ and DOWN▼ buttons simultaneously for more than 3 seconds.
 - The legs will begin to move down at half speed of normal operation.
- Continue to press the UP▲ and DOWN▼ buttons.
 - The legs will move down to the lowest position, then rebound 0.06" to 0.2" (2mm to 5mm) and stop.
- Release the UP▲ and DOWN▼ buttons at the same time. This completes the initialization procedure.

IMPORTANT: The initialization procedure above must be completed before operating the table.

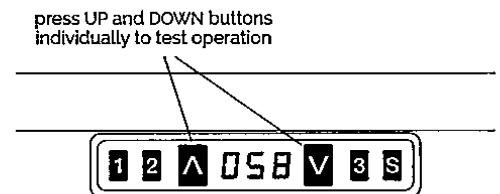
NOTE: The unit must be re-initialized anytime power is cut to the unit.



STEP 12

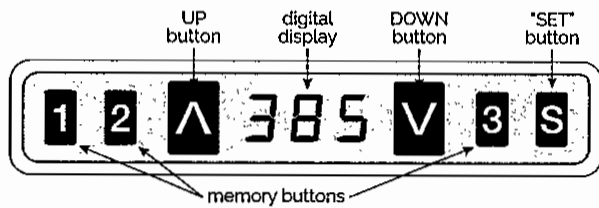
Step #12: test operation

- Press the UP▲ and DOWN▼ buttons individually to test operation.
- If there are problems with operation, check that all cable and cord connections are secure and check that the control unit is securely attached to the worksurface.
- If problems continue, call Fellowes Customer Service: 800.833.3746.



ASSEMBLY COMPLETE

OPERATION



Important

- Before operating the table, the initialization procedure must be completed. See Step 11 on page 9.

General operation

- Move the table up or down by pressing UP▲ or DOWN▼ until the worksurface reaches the desired height.
- The table will continue to move up or down until you release the button or until the maximum or minimum height is reached.

Table movement stops when you release the UP▲ or DOWN▼ button.

Memory stop positions

- Up to three memory stop positions can be used to save specific heights of the worksurface. To set a specific position:
 - Raise or lower the table to the position you want to save.
 - The display on the digital keypad shows the worksurface height.
 - Press and release the **S** button. Then press the desired memory button (**1**, **2** or **3**) within the next 3 seconds.
 - Position 1, 2 or 3 is now saved.
- To move the worksurface to a memory stop position:
 - Press and hold the desired memory button (**1**, **2** or **3**).
- The worksurface will move to the saved position and then stop.

If you release the memory button before the saved position is reached, table movement will stop.

Lower stop position

- To set the lower stop position (the minimum height of the table):
 - Raise or lower the table to the desired minimum height.
 - Press and hold **S**, then press and hold **1**. Continue to press both buttons for about 3 seconds.
 - The letter "L" appears on the display. This means the minimum height of the table is locked at its current position.
 - Release both buttons.
- To erase the lower stop position:
 - With the table at its lower stop position, press and hold **S**, then press and hold **2**. Continue to press both buttons for about 3 seconds.
 - The letter "C" appears on the display, indicating the lower stop position has been erased.
 - Release both buttons.

If there is a memory stop position lower than the lower stop position, the memory stop will be erased.

OPERATION

Upper stop position

- To set the upper stop position (the maximum height of the table):
 - Raise or lower the table to the desired maximum height.
 - Press and hold **S**, then press and hold **3**. Continue to press both buttons for about 3 seconds.
 - The letter "L" appears on the display. This means the maximum height of the table is locked at its current position.
 - Release both buttons.
- To erase the upper stop position:
 - With the table at its upper stop position, press and hold **S**, then press and hold **2**. Continue to press both buttons for about 3 seconds.
 - The letter "C" appears on the display, indicating the upper stop position has been erased.
 - Release both buttons.

If there is a memory stop position higher than the upper stop position, the memory stop will be erased.

Changing the height display units

- To change the display units from centimeters to inches or from inches to centimeters:
 - Press and hold **S**, then press and hold the DOWN▼ button. Continue to press both buttons for about 3 seconds.
 - The height information will change between centimeters and inches.
 - Release both buttons.

There are 2.54 centimeters per inch. This makes it easy to tell what the current display units are. For example, if the table is about three feet high, the display will read approximately either 36.0 (inches) or 090 (centimeters).

Adjusting the height readout

- To set the display height of the table to account for different worksurface thicknesses:
 - Move the table to the lowest position by pressing the DOWN▼ button.
 - Measure and record the height of the top of the worksurface.
 - Press and hold **S** until the first LED number blinks.
 - Press and hold UP▲ or DOWN▼, changing the number in the first LED position to the number desired.
 - Press and hold **S** again until the second LED number blinks.
 - Press and hold UP▲ or DOWN▼, changing the number in the second LED position to the number desired.
 - Press and hold **S** again until the third LED number blinks.
 - Press and hold UP▲ or DOWN▼, changing the number in the third LED position to the number desired.
 - Finish setting this new height readout by pressing **S** one more time.
- The new height readout is now ready to use.

In inch format, the minimum adjustable amount (third digit) is 0.5". (The third digit will be either 0 or 5.) In centimeter format, the minimum adjustable amount (third digit) is 1 cm. (The third digit will be 0 through 9.)

OPERATION

Reset the table to factory settings (re-initialization)

- To reset the table to factory settings, re-initialize the control unit using the keypad.
 - Be sure there are no obstacles under the table that would prevent it from reaching its lowest position.
 - Press and hold the UP▲ and DOWN▼ buttons simultaneously for more than 3 seconds. The legs will begin to move down at half speed of normal operation.
 - Continue to press the UP▲ and DOWN▼ buttons.
 - The legs will move down to the lowest position, then rebound $\frac{1}{16}$ " to $\frac{3}{16}$ " (2mm to 5mm) and stop.
 - Release the UP s and DOWN t buttons at the same time. This completes the re-initialization procedure.

Re-initializing the unit will erase all saved memory stop positions.

If one or more motors are changed in a system, the table must be reset to factory settings.

Adjust gyro anti-collision sensitivity

- The default anti-collision sensitivity is G-1. To increase or decrease the sensitivity of the table to obstacles in the path of its movement:
 - Press and hold the **S** button for more than 5 seconds. The display shows "----".
 - Release **S** and, within 3 seconds, press the **3** button. The display shows "G-X", where X is a number from 0 to 4.
 - Press the UP▲ or DOWN▼ button to increase or decrease the gyro sensitivity level. There are five levels of sensitivity: "G-0", "G-1", "G-2", "G-3" and "G-4". "G-4" indicates the highest sensitivity and "G-0" is no gyro sensitivity.
 - Press and hold the **S** button for more than 3 seconds. This completes the adjustment.

If the legs do not move when general operation is attempted, the gyro sensitivity adjustment may be too high.

IMPORTANT: The table should be re-initialized after every 1,000 cycles; every six months; or if power is cut or cable is unplugged accidentally. When re-initializing, be sure there are no obstacles under the table that would prevent it from reaching its lowest position.

TROUBLESHOOTING

Error codes

Error Code	Description	Troubleshooting
E01	Leg malfunction	1. Check that the leg cables are securely plugged into the leg and control unit. 2. Inner parts of leg are broken. Replace the leg.
E03	Table top overload	1. Remove some weight from the table.
E04	Control unit malfunction	1. Re-initialize the system.
E05	Keypad button stuck	1. Toggle the button to restore normal function. 2. Replace the keypad if the button remains stuck.
E06	Communication interruption	1. Check the cable connection between the keypad and control unit. Verify that the cable is securely plugged into the control unit. 2. If the problem is not resolved, replace the keypad or control unit.
E12	Gyro error	1. Communication is abnormal; power ON to normalize communication. 2. Table is tilted; straighten table or wait one minute before operating table.

NOTES

[illegible]