



USER MANUAL

RISE / RISE S2 Height Adjustable Tables with LD Control System



Contents

1. IMPORTANT INFORMATION	3
1.1 IMPORTANT SAFETY INFORMATION	3
1.2 USER INFORMATION	8
1.3 BEFORE YOU START	8
2. ASSEMBLY & ADJUSTMENT	11
2.1 ASSEMBLY INSTRUCTIONS	11
2.2 CONTROL MOUNTING GUIDELINES	11
2.3 COMMISSIONING	12
2.4 OPTIONAL CONTROLS	12
2.5 SYSTEM CONFIGURATION	12
2.6 ADJUSTMENTS	12
3. OPERATION INSTRUCTIONS	12
3.1 CONTROL OPERATION	15
3.2 SETTING CONTROL POSITIONS	15
4. MAINTENANCE & REPAIRS	16
4.1 CLEANING, INSPECTION AND STORAGE	16
4.2 USER-MAINTENANCE INSTRUCTIONS	16
4.3 REPAIRS	16
5. APPENDIX	17
5.1 ASSEMBY ILLUSTRATION:	17

1.0 Important Information. SAFETY FIRST!

Your safety and the safety of others is very important. And using this product safely is an important responsibility. **Read all instructions and safety warnings before using the table.** Keep this user's manual handy, so you can refer to it any time.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this user's manual. This information alerts you to potential hazards that could hurt you or others. Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining a table. You must use your own good judgment.

You will find important safety information in a variety of forms. Safety Messages preceded by a safety alert symbol  and one of three signal words: **DANGER**, **WARNING**, or **CAUTION**. These safety messages are listed in order of severity, identify the general risks and what actions you are to take to avoid the risks. These signal words mean:

 **DANGER** - Indicates an imminently hazardous situation, which, if not avoided, will result in serious injury or death. This signal word is limited to the most extreme situations.

 **WARNING** - Indicates a potentially hazardous situation that if not avoided, could result in serious injury or death.

 **CAUTION** - Indicates a potentially hazardous situation that if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

 **NOTICE** - Indicates an alert to call attention to proper assembly instructions or particular operation procedures to assure correct equipment function and to avoid equipment damage or wear.

The information and specifications included in this publication were in effect at the time of approval for printing. ISE reserves the right to discontinue or change specifications or design at anytime without notice and without incurring any obligation whatever.

1.1 IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

When using an electrical furnishing, basic precautions should always be followed, including the following:

Read all instructions before using table.

 **DANGER** - To reduce the risk of electric shock:

1. Always unplug this furnishing from the electrical outlet before cleaning.

 **WARNING** - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Unplug from outlet before putting on or taking off parts.
2. Close supervision is necessary when this furnishing is used by, or near children, invalids, or disabled persons.
3. Use this furnishing only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.
4. Never operate this furnishing if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the furnishing to a service center for examination and repair.
5. Keep the cord away from heated surfaces.
6. Never operate the furnishing with the air openings blocked. Keep the air openings free of lint, hair, and the like.
7. Never drop or insert any object into any opening.
8. Do not use outdoors.
9. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
10. To disconnect, turn all controls to the off position, then remove plug from outlet.

 WARNING - Risk of Electric Shock:

1. Connect this furnishing to a properly grounded outlet only. See Grounding Instructions. For loading always put heavier items at the bottom and not near the top in order to help prevent the possibility of the furnishing tipping over.

 WARNING - Risk of Injury to Persons:

1. Do not use this furnishing to support video equipment such as televisions or computer monitors.
2. Maximum intended load for surface is 220 pounds (100 kilograms) without a worksurface and 164 pounds (74 kilograms) with a worksurface.

 DANGER - Risk of electric shock, injury, or death:

1. Improper usage, abuse, or misuse of the LOGICDATA COMPACT control unit, hand switch, motors and other electrical components may result in an electrical shock injury or possible death.
2. Do not open the LOGICDATA COMPACT control unit or hand set under any circumstances. The control unit and hand switch contain no serviceable parts.

3. Do not modify or make any changes to the control unit, the controls or hand switch.
4. During installation, repair, cleaning, or maintenance work, the power cable must be disconnected from the outlet.
5. The COMPACT control unit is not designed for continuous operation. Changing the desktop position without interruption must not exceed the duty cycle indicated on the nameplate. The unit is thermally protected and will shut down if use is excessive. Allow a 10 minute cooling period for the control unit to reset.
6. The COMPACT control unit may only be operated with mains voltage as specified on the nameplate. COMPACT control units are also available for the mains voltages used in other countries.
7. Only use the power cord supplied with the control unit. Check that it is not damaged. Do not ever operate the COMPACT control unit if the power cord is damaged.
8. Before connecting and disconnecting the hand switch, you must unplug the power cord; otherwise you may damage the hand switch.
9. Connect the control unit to a properly grounded outlet only. See Grounding Instructions for more information. To disconnect turn all controls to the off position, then remove plug from outlet.
10. In the event of a malfunction (e.g. if the control unit keeps adjusting the desk because a movement key has jammed), please unplug the unit immediately.
11. Do not expose the COMPACT control unit to water or other liquids including moisture, drips, splashes or spills. Clean the control unit only with a dry cloth.
12. Do not operate the COMPACT control unit in a potentially explosive atmosphere. Do not operate where aerosol spray products are being used or where oxygen is being administered.
13. Do not use the desk with it has been dropped or damaged. Contact the manufacturer for examination or repair.
14. It is not allowed to connect self-constructed products to LOGICDATA COMPACT control units. To prevent damage of the control unit, use only components suitable for LOGICDATA motor controls.

WARNING - Risk of injury, or death:

1. During the raising or lowering of the table there exists a risk of squeezing or pinching between the moving desktop and fixed objects.
2. The necessary safety margins depend on the greatest type of injury risk that can be predicted. Where there exists a risk of squeezing fingers, use at least a 1.5 inches safety margin and for body or head (especially where children may be present) use a minimum of 16 inches.

3. During the lowering or raising of the desktop, the operator must ensure that no person or object risk being harmed by the operation Under no circumstances, place your fingers on desk legs while operating desk upwards or downwards.
4. This tag should be put on the desktop after assembly by the installer
5. Keep children away from moving parts and underneath the desk.
6. The table is only to be used as a desk or work surface, which allows the user stepless adjustment of the desktop between sitting and standing positions.
7. The table must only be operated while in an upright position and must under no circumstances be operated while upside down.
8. The table must not be overloaded. The maximum allowable load is shown on the nameplate.



9. The table must be operated in a dry, enclosed space, such as an office or similar, never outdoors.
10. The table is equipped with Intelligent System Protection (ISP). In the event of a fault (motor or component) the desktop may move slightly before the safety feature is engaged. Stay clear of pinch points when the desktop is moving.
11. This table is not intended for use by individuals (including children) with limited physical, sensory or mental abilities or with a lack of experience and/or lack of expertise, unless they are supervised by a person responsible for their safety or have received instructions from that person on how to use the control unit.
12. Children must be supervised at all times to ensure that they do not play with the control unit.
13. The table may not be used to lift people. Do not sit or stand on a table while it is be raised or lowered.
14. The table must not be structurally or technically altered or modified in any way.

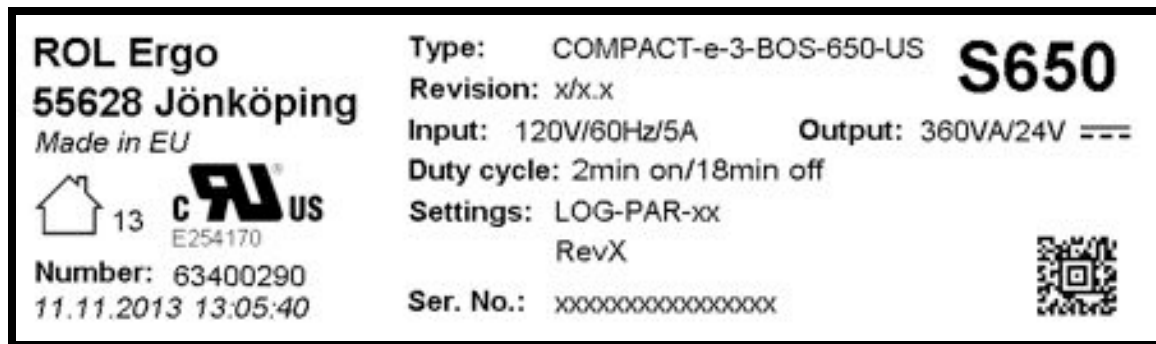
1.2 User Information

This Leg System is rated for Commerical Use Only and is rated for a maximum load of 220 pounds (100 kilograms) without a worksurface and 164 pounds (74 kilograms) with a worksurface.

The motors may only be used continuously for 1 minute at a time, after which they must be left inactive for nine minutes before they can be used again. The control unit regulates this automatically.



Typical Product Label with Date of Manufacture



Typical nameplate for the LD Control.

1.3 Before you start:

Make sure that there is nothing blocking the travel of the desk in the space where it will operate.

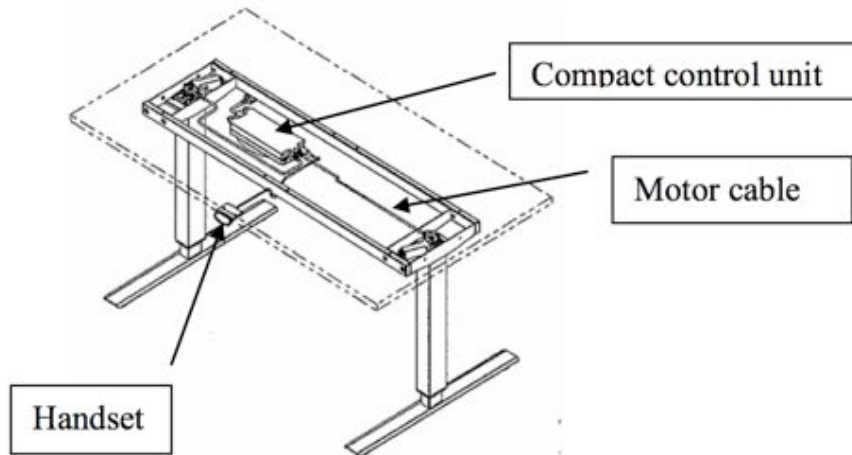
Before first use, the control unit must register the lowest point of elevation to reset, as follows:

To do this, simply lower the table to the lowest position by pressing and holding the “Down” button. Then press and hold the “Down” button on the handset again and hold it down until the table first moves fractions of an inch downwards and then fractions of an inch back up again. The control unit has now registered the lowest elevation and is ready to use.

2.0 Assembly & Adjustment

2.1 Assembly Instruction

Assemble the frame according to the enclosed instruction sheet (page 10)



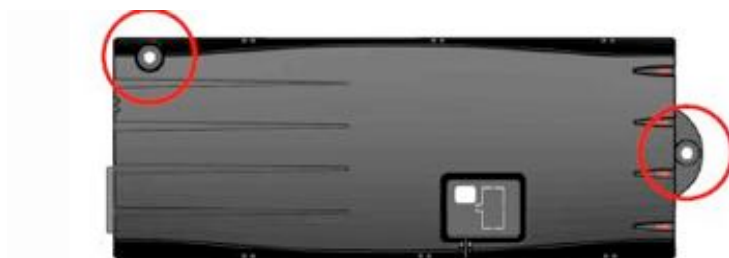
2.2 Control Mounting Guidelines



CAUTION - The power cord must be unplugged while the compact control unit is being mounted (see page 6).

Always check desktop thickness against the length of the mounting screws before mounting the desktop to ensure they are appropriate and not long enough to protrude through the top surface once screwed in.

Mount the compact control unit on the underside of the desktop, by using these two holes.



Connect the two motor cables and the cable from the handset to the control unit. Take care to route all cables so that they cannot be damaged by normal operation. Please refer to the assembly instructions for this and use the supplied cable routing materials to secure the cables.



i NOTICE - the clamp next to the mains socket is used as a connector for a functional earth. This clamp is used for example to deflect electrostatic charge from the electric height-adjustable desk. The connector cannot carry out the function of a protective conductor! The clamp is also marked with the grounding symbol on top of the housing.



2.3 Commissioning procedure

⚠ CAUTION - Risk of electrical shock:

The power cord must be unplugged while the control unit is being commissioned.

This table is equipped with a LogicData COMPACTeco control unit, to setup the control proceed as follows.

1. Connect drive. Plug the motor cables into the relevant 8-pin motor sockets (in order of M1, M2, and M3).

i NOTICE - When connecting the motor cables, you must strictly adhere to the sequence M1, M2, M3 for connecting the motors.

⚠ CAUTION - Risk of bodily injury:

During commissioning a system with single-end-limit switches (connection of upper and lower signal limit switches in series) or when changing a motor on such a system, the motors must not be extended to their highest position. (upper limit switch active).

2. Connect hand switch. Plug the hand switch into the 7-pin socket (HS).

i NOTICE - you can choose from a wide range of LOGICDATA handswitches for the COMPACTECO control unit. Information about available handswitches can be found in the latest product catalogue and on the website www.logicdata.at.

3. Connect optional components If your control unit has an earthing cable lug, attach a cable to a metal part of the desk.

4. If your control unit has a LogicConnector DATA, you can connect accessories like sensors.

2.4 Optional Control Mounting guidelines

i NOTICE - to determine whether the LogicConnector DATA is activated, please compare the product name on the nameplate with the order code that is shown in the appropriate datasheet.

i NOTICE - When components like sensors shall be disconnected from the LogicConnector DATA, be sure to unlock the 8pin connector on the cable properly! There is a fixing hook on this connector that must be pressed.

5. Connect mains supply.

⚠ DANGER – GROUNDING INSTRUCTIONS

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.



⚠ DANGER – RISK OF ELECTRICAL SHOCK

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This product is for use on a nominal 120-volt circuit and has a grounding plug that looks like the plug illustrated below. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.

This leg system is equipped with a NEMA 5-15 type plug as shown above and must be plugged into a grounded outlet.

⚠ CAUTION - Risk of electrical shock:

Before you plug in the power cord, check the following again:

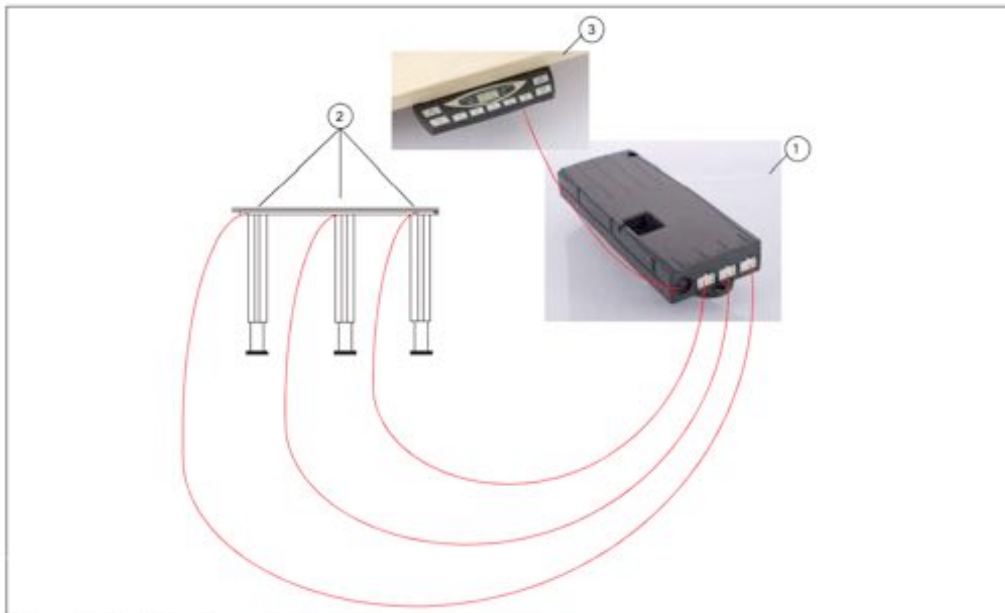
- The mains supply voltage must be as specified on the type plate. All the components must be plugged into the right sockets. The earthing cable must be connected.
- When the power cord is plugged in, the COMPACTeco control unit is operational.

i NOTICE - in case of a mains power breakdown, or if the power cord is unplugged during the movement of the drives, a manual reset of the COMPACTeco may be necessary!

2.5 System configuration (example)

The figure below shows the socket assignment for a configuration example. This configuration consists of:

- 1 COMPACT-e-3 control unit
- motors (inside the table legs)
- HSF-MDF-4M4-LD hand switch



2.6 Adjustments

The table control, handset and motors are sealed units and have no parts that can be serviced or adjusted by the user. In case of failure or unexpected operation or from maintenance control your vendor and arrange for service by a qualified technician.

3.0 Operation Instructions

To ensure safe operation of the COMPACTeco control unit, please observe the following safety instructions:

⚠ CAUTION – Risk of injury and electric shock.

Keep children away from electric height-adjustable desks, control units and handswitches.

⚠ CAUTION – Risk of Pinching.

When you change the desktop position (especially without using pinch protection), you must ensure that no people or objects are located in the hazardous area nor may reach into it.



i NOTICE - In case of a mains power breakdown or if the power cord is plugged off during the movement of the drives, a manual reset of the COMPACTeco may be necessary!

i NOTICE - The control unit might be damaged by power surges. Unplug the power cord during a thunderstorm or if you do not intend to use the desk for a longer period.

3.1 Basic functions

The COMPACTeco control unit offers an extensive range of functions. The availability of some functions depends however on the hand switch that is used with it.

This section describes the basic functions available with every handswitch designed for use with COMPACTECO control units.

i NOTICE - You must read the user manual carefully before installing or operating the COMPACT control unit.

i NOTICE - The 2 basic functions, upward and



downward movement, are available for both motor groups separately. Please read the manual of the hand switch to see which buttons are linked to which motor group.

3.1.1. Upward desktop movement

This function enables you to adjust the desktop upwards. To change its position, proceed as follows:

Press the desktop up key.



Keep pressing the key until the required desktop height is reached.

i NOTICE - The desktop will continue moving upwards until you release the key or the maximum height is reached

3.1.2. Downward desktop movement

This function enables you to adjust the desktop downwards. To change its position, proceed as follows:

Press the desktop down key.



Keep pressing the key until the required desktop height is reached.

i NOTICE - The desktop will continue moving downwards until you release the key or the minimum height is reached.

3.2 Advanced functions

i NOTICE - You can only use the following functions of the COMPACTeco control unit if you have a hand switch with memory position keys and a memory key.

3.2.1 Saving a desktop position

This function allows you to save a defined desktop height .One desktop height can be saved per memory position key. To save a position, proceed as follows:

i NOTICE - if you are switching on the COMPACTeco control unit for the first time, all the saved positions are set to the lowest desktop height (minimum desktop position).



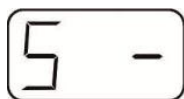
1. Adjust the desktop to the position you want to save.



2. The display will show the desktop height (e.g. 73cm).



3. Press the memory key.



4. The display will read S -.



5. Press the required memory position key (e.g. 2).



6. The display will read S 2.

The set desktop position will now be saved to the selected memory position key.



7. You will hear an audible double click and after about 2 seconds the saved desktop position will be displayed.

i NOTICE - using saved desktop positions is only available for hand switches with memory keys. The design of the memory position keys varies, depending on the hand switch model used.

i NOTICE - it is software parameter dependent which motor group can save/recall memory positions. If both motor groups are capable of saving memory positions, the current position of both groups will be stored (even if they are different). When recalling a stored position in this case, both groups start their movement at the same time, even if their movement direction is different.

3.2.2 Adjusting the desktop to a saved position

You can use this function to adjust the desktop to a saved height. To change to a saved position, proceed as follows:

i NOTICE - availability of the double click function depends on the software configuration of the control unit.

Option A (without double click function)



1. Press the required memory position key (e.g. 2) and hold it down. The desktop will move until it reaches the saved position. If you release the key before the saved position is reached, the desktop will stop and the saved desktop position will not be reached.



2. The desktop has reached the saved position. Now release the memory position key. The display will read the current (saved) desktop position.

Option B (with double click function)



1. Double click the required memory position key (e.g. click twice), and release.



2. After the double click, the desktop will automatically adjust to the saved position. The display will show the current (saved) desktop position.

CAUTION – Risk of Pinching.

When you change the desktop position automatically (especially without using pinch protection), you must ensure that no people or objects are located in the hazardous area or may reach into it

 **NOTICE** - If you press another key while the desktop is changing automatically to a saved position, it will stop immediately. You then have to reactivate automatic desktop adjustment to a preset position.

3.2.3 Manual Reset

When the actual desktop position no longer corresponds to the height displayed or you wish to use a configured control unit on another identical electric height- adjustable desk, you have to reset the lowest desktop position to the minimum height.



1. Press the desktop down key.
Keep pressing it until the desktop has reached the lowest position (programmed desktop position).



2. Press the **desktop down** key again and keep pressing it.
After about 5 seconds, the desktop will slowly move further down until it reaches the absolute lowest desktop position possible.
3. Release the **desktop down** key. The electric height-adjustable desk can now be used again normally.

CAUTION – Risk of Pinching.

The intelligent system protection (ISP) is not enabled during all resets and limit position calibration.

 **NOTICE** - This function is available for both motor groups separately. Please read the manual of the used hand switch to see which buttons are linked to which motor group.

4. Maintenance & Repairs

4.1 Cleaning, Inspection and Storage

Clean the frame by wiping it down with a microfibre cloth moistened with a standard household cleaning solution. Never use solvents or abrasive or corrosive compounds.

Products must be cleaned at regular intervals to remove dust and dirt and inspected for mechanical damage, wear and breaks, - worn out parts must be replaced.

Unplug the power cord if you do not intend to use the desk for a longer period.

Do not store table or cables in direct sunlight

4.2 User Maintenance Instructions

Products are closed units and require no internal maintenance.

Legs must be inspected at attachment points, wires, piston rod, cabinet, and plugs, check that legs function correctly.

Control boxes and handsets electronics must be inspected at attachment points, wires, cabinet, and plugs.

Inspect the connections, cables, cabinet, and plugs, and check for correct functioning.

The control box is sealed and maintenance free.

4.3 Repairs

Check all screws and bolts after the first week of use and tighten screws and bolts where necessary to ensure safe operation of the table.

If the table cannot be raised or lowered, check the cable connection between the control unit and the motor units (leg system), the handset and the control unit, as well as between the control unit and the mains outlet.

If the table still does not respond, the control unit may have triggered the overheating protection or the intermittency protection. Please wait for at least nine minutes and try again before proceeding with other measures.

If a control unit is replaced, it must first be reset before it can be used. To do this, follow these steps:

- 1 Lower the table to its lowest position by holding the “Down” button on the handset
- 2 Press the “Down” button on the handset again and hold it down until the table first moves fractions of an inch downwards and then fractions of an inch back up again. The control unit has now registered the lowest elevation and is ready to use

Should the table still not work as intended after taking these measures, please contact your vendor for further assistance. For instructions on the installation and care of the desktop, please follow the instructions from the manufacturer.

5.1 Assembly Instructions

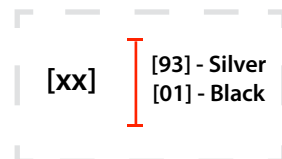
RISE

Assembly Instructions

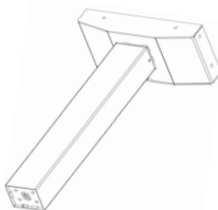


UPDATED
OCTOBER 10, 2013

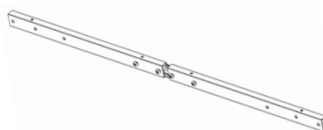
Part List: **caution** - only use the parts and hardware provided



68002348 [xx]
Height Adjustable Leg
2 pcs.



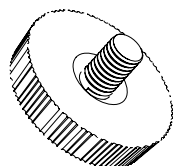
68002547 [xx] - 29" - 45" or
54006700 [xx] - 44" - 75" or
68002513 [xx] - 76" - 90"
Adjustable Bar
1 pc.
(2pcs. for LRG Bases)



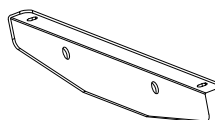
68002509 [xx]
Kneesaver Z-Bar
2 pcs.
for MED Bases



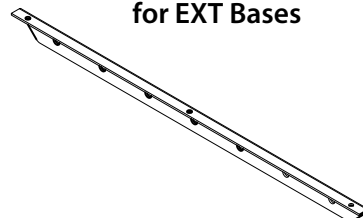
RISE - Glide
(attached to feet)
4 pcs.



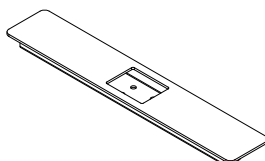
68001089 [xx]
Side Support
2 pcs.
for SML Bases



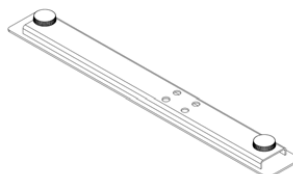
30202284 [xx]
Side Support
1 pcs.
for EXT Bases



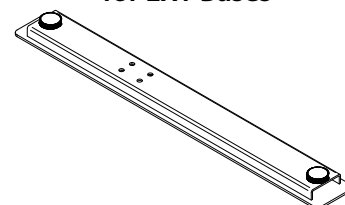
68000363 [xx]
19" Foot
1 pcs.
for EXT Bases



68002505 [xx]
23" Foot
2 pcs.



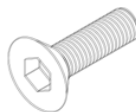
68002403 [xx]
28" Foot
1 pcs.
for EXT Bases



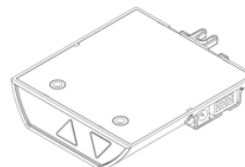
Fix-Kit- 1
M8 x 16mm
Panhead Bolt (Black)
8 pcs.



Fix-Kit- 2
M8 x 25mm
Countersunk Bolt (Silver)
8 pcs.



68002462
Standard (2 leg)
Up/Down Switch
1 pcs.



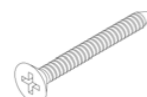
Fix-Kit- 4
3/16" x 3/4"
Panhead Wood Screw
6 pcs.



Fix-Kit- 5
1/8" x 5/8"
Countersunk Wood Screw
2 pcs.



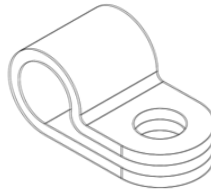
Fix-Kit- 3
3/16" x 2-1/8"
Countersunk Wood Screw
8 pcs.



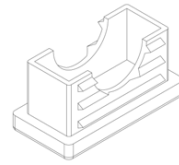
Fix-Kit- 6
Plastic Round Cap
12 pcs.



QKA - Tableclip
Plastic Wire Clip
6 pcs.



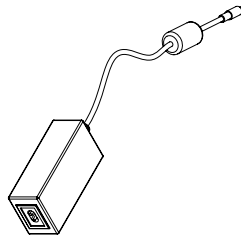
55750100
Plastic Rectangular End-Cap
4 pcs.



Leg Motor Cable
(attached to motors)
2 pcs.



68002462-PS
Power Adaptor
1 pc.



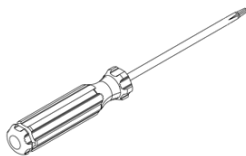
68002462-PS-CABLE
Power Cable
1 pc.



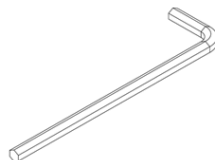
Note: The hardware bag may contain extra components.

Tools Required:

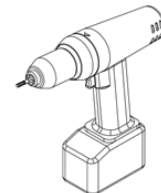
Phillips Screwdriver



M5 Hexagonal Wrench



**Electric Drill with
Phillips Head Bit**

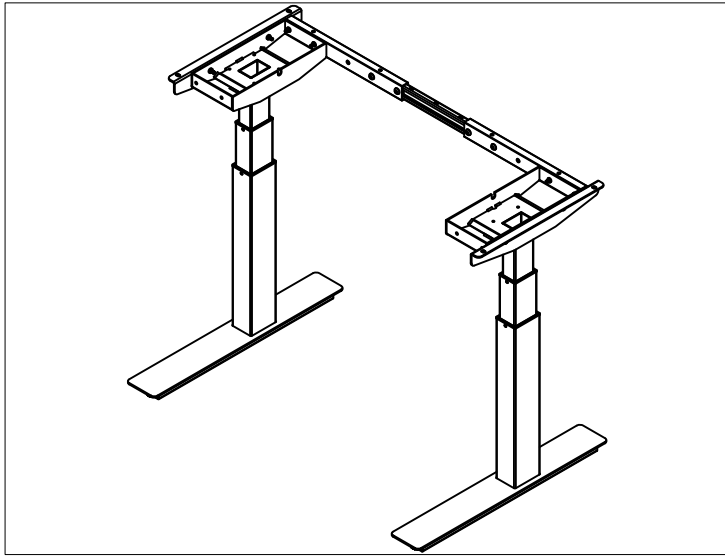


Tape Measure

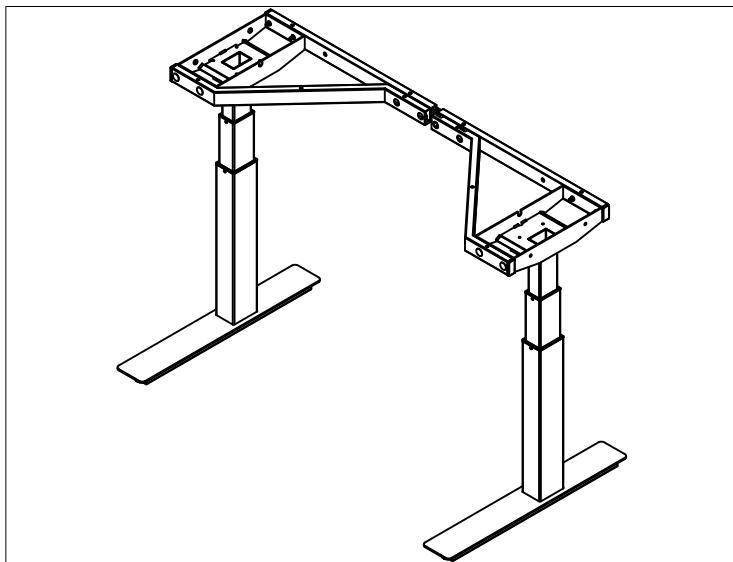


Completed Base Examples

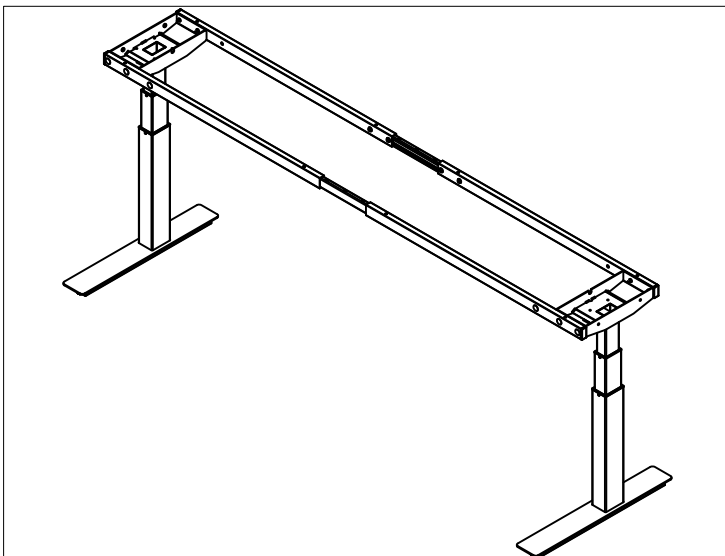
SML Base



MED Base



LRG Base



Assembly Instructions: **caution** - please read notes carefully

1. Attach Feet to Height Adjustable Legs

Position the 2 Height Adjustable Legs making sure the wire cutouts on the Motor Housings are facing each other.

Using an M5 Hexagonal Wrench attach the Feet to the Height Adjustable Legs with 8 Black M8x16mm Panhead Bolts. Make sure the longer sides of the Feet are facing the front as shown in Figure 1.

Note: Both Height Adjustable Legs are identical.

If casters are required, unscrew the glides on each Foot and firmly screw casters.

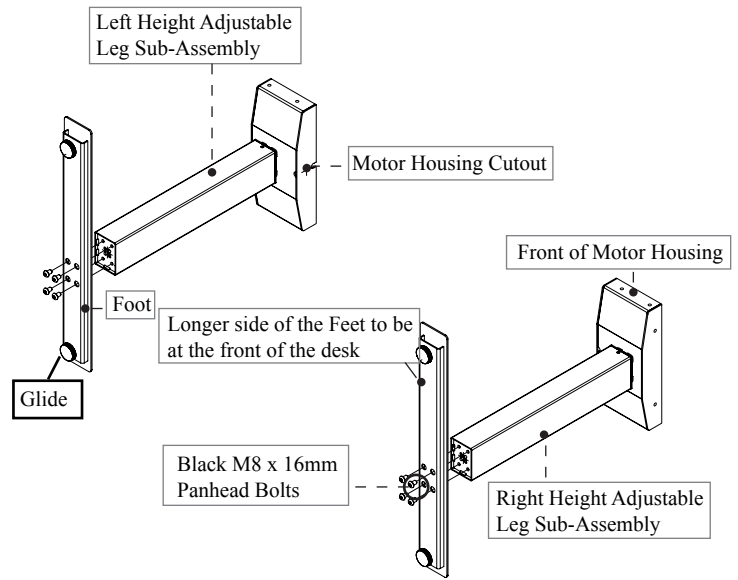


Figure 1. Attach Feet to Height Adjustable Legs

2. Adjust Adjustable Bar Width

Using an M5 Hexagonal Wrench, loosen the 4 Center Bolts.

Expand or retract the Adjustable Bar to the desired width while making sure the top holes of the Outer Square Tube align with the holes of the Inner Channel.

Use the Center Hole of the Inner Channel as guide for symmetry.

After achieving the desired width, tighten the 4 Center Bolts to secure the Adjustable Bar subassembly. See Figure 2.

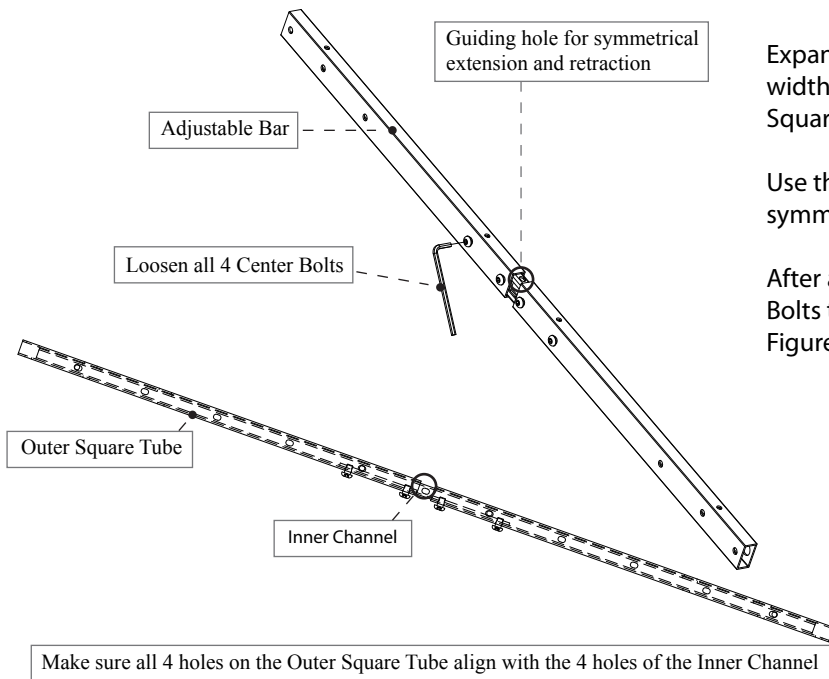


Figure 2. Adjust Adjustable Bar Width

3. Attach Adjustable Bar to Motor Housings

Facing the rear of the Height Adjustable Leg Assemblies, use an M5 Hexagonal Wrench to fasten the Adjustable Bar with the 4 Silver M8x25mm Countersunk bolts onto the rear of the Motor Housings.

Make sure to use the 2 outer holes on each end of the Adjustable Bar.

The 4 Center Bolts of the Adjustable Bar should be facing forward towards the Motor Housings.

After fastening the Adjustable Bar, install the 2 Rectangular Plastic End-Caps on each end of the Adjustable Bar. See Figure 3.

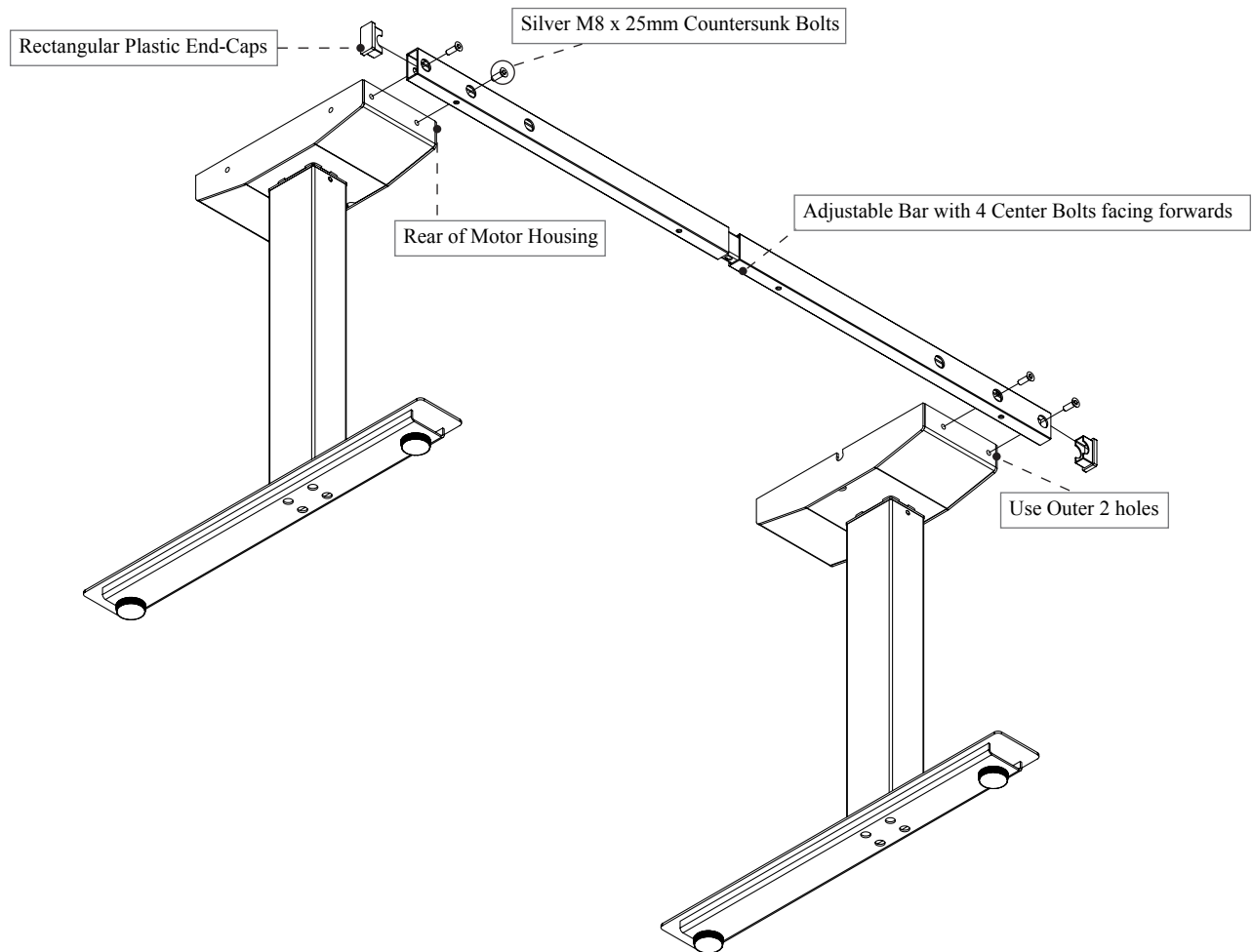


Figure 3. Attach Adjustable Bar to Motor Housings

4a. For SML Bases: Attach Side Supports

Install the two Side Supports with the 4 M8x25mm Countersunk Bolts onto the outside of the Left and Right Motor Housings.

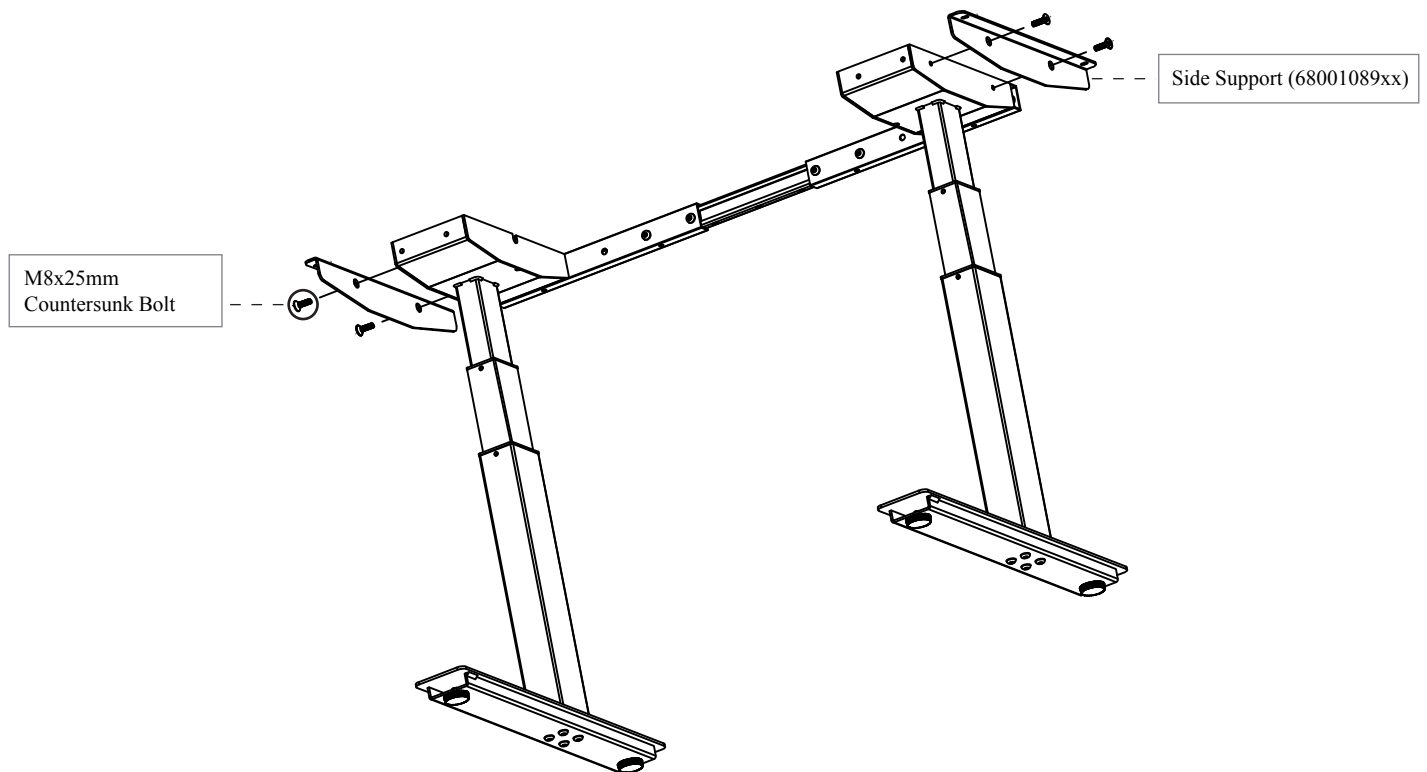


Figure 4. Install Side Supports

4b. For MED Bases: Attach the Kneesaver Z-Bars

Position the Sub-Assembly upright and face the front. The Adjustable Bar should be in the rear.

Loosen the 4 Adjusting Bolts in the middle of the Adjustable Bar while making sure to not change the width alignment performed earlier.

Locate the slotted end of each Kneesaver Z-Bar and slide it between the Adjustable Bar and the back of the Adjusting bolts. Tighten the bolts to secure the Kneesaver Z-Bars to the Adjustable Bar. Note: Both Kneesaver Z-Bars are identical. See Figure 4.

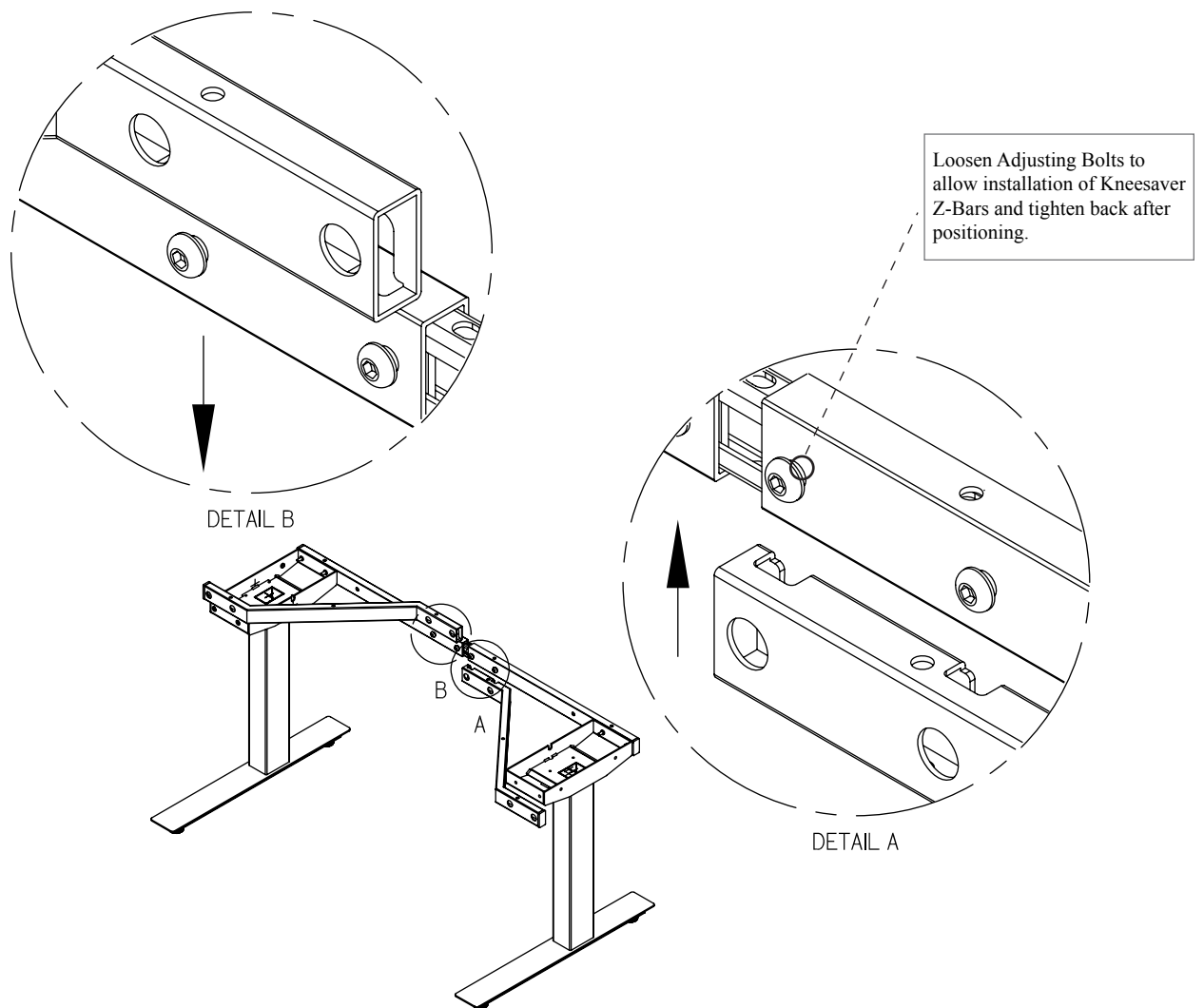


Figure 5. Attach Kneesaver Z-Bars to Adjustable Bar

After the Kneesaver Z-Bars have been fastened to the Adjustable Bar, fasten the other ends of the Kneesaver Z-Bars to the front of the Motor Housings using the 4 Silver M8x25mm Countersunk bolts.

Install the 2 Rectangular Plastic End-Caps. See Figure 6.

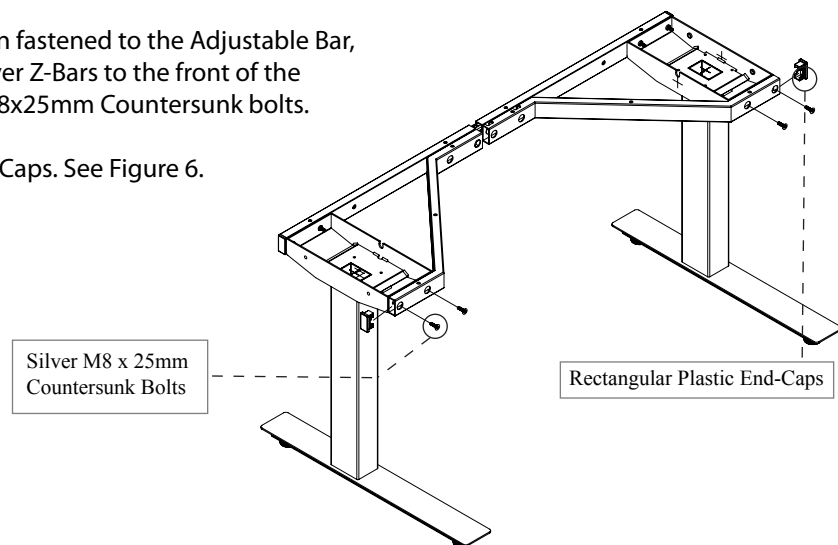


Figure 6. Attach Kneesaver Z-Bars to front of Motor Housings

Install the 8 Plastic Round Caps on the front of the Kneesaver Z-Bars. See Figure 7.

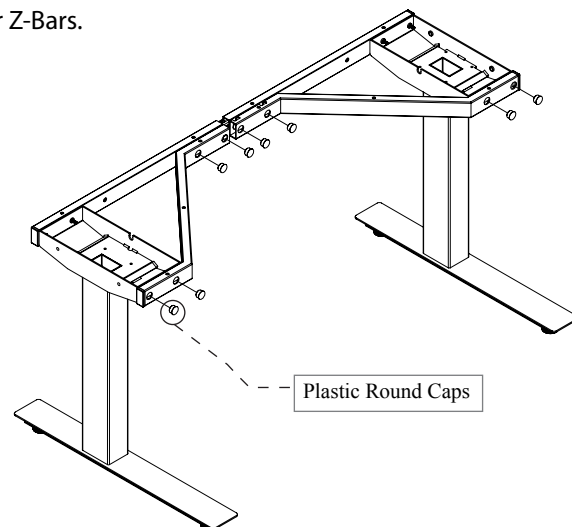


Figure 7. Attach Plastic Round Caps to front of Kneesaver Z-Bars

Install 6 Plastic Round Caps on the back of the Adjustable Bar. See Figure 8.

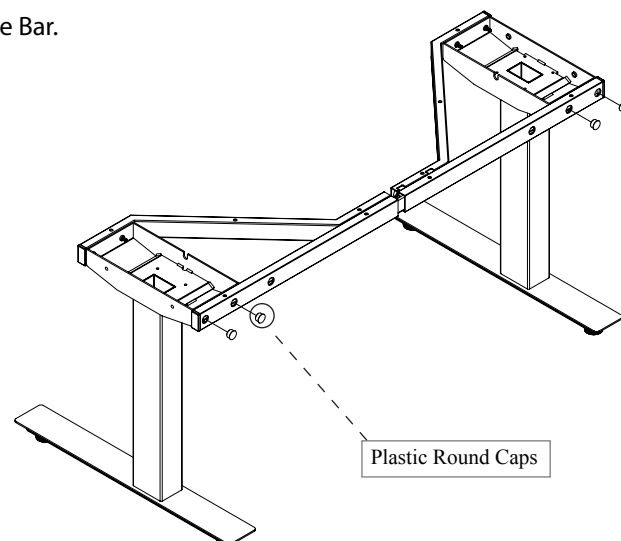


Figure 8. Attach Plastic Round Caps to back of Adjustable Bar

4c. For LRG Bases: Install Front Adjustable Crossbar

Facing the front of the Height Adjustable Leg Assemblies, use an M5 Hexagonal Wrench to fasten the Adjustable Bar with the 4 Silver M8x25mm Countersunk bolts onto the front of the Motor Housings.

Make sure to use the 2 outer holes on each end of the Adjustable Bar.

The 4 Center Bolts of the Adjustable Bar should be facing forward towards the Motor Housings.

After fastening the Adjustable Bar, install the 2 Rectangular Plastic End-Caps on each end of the Adjustable Bar. See Figure 9.

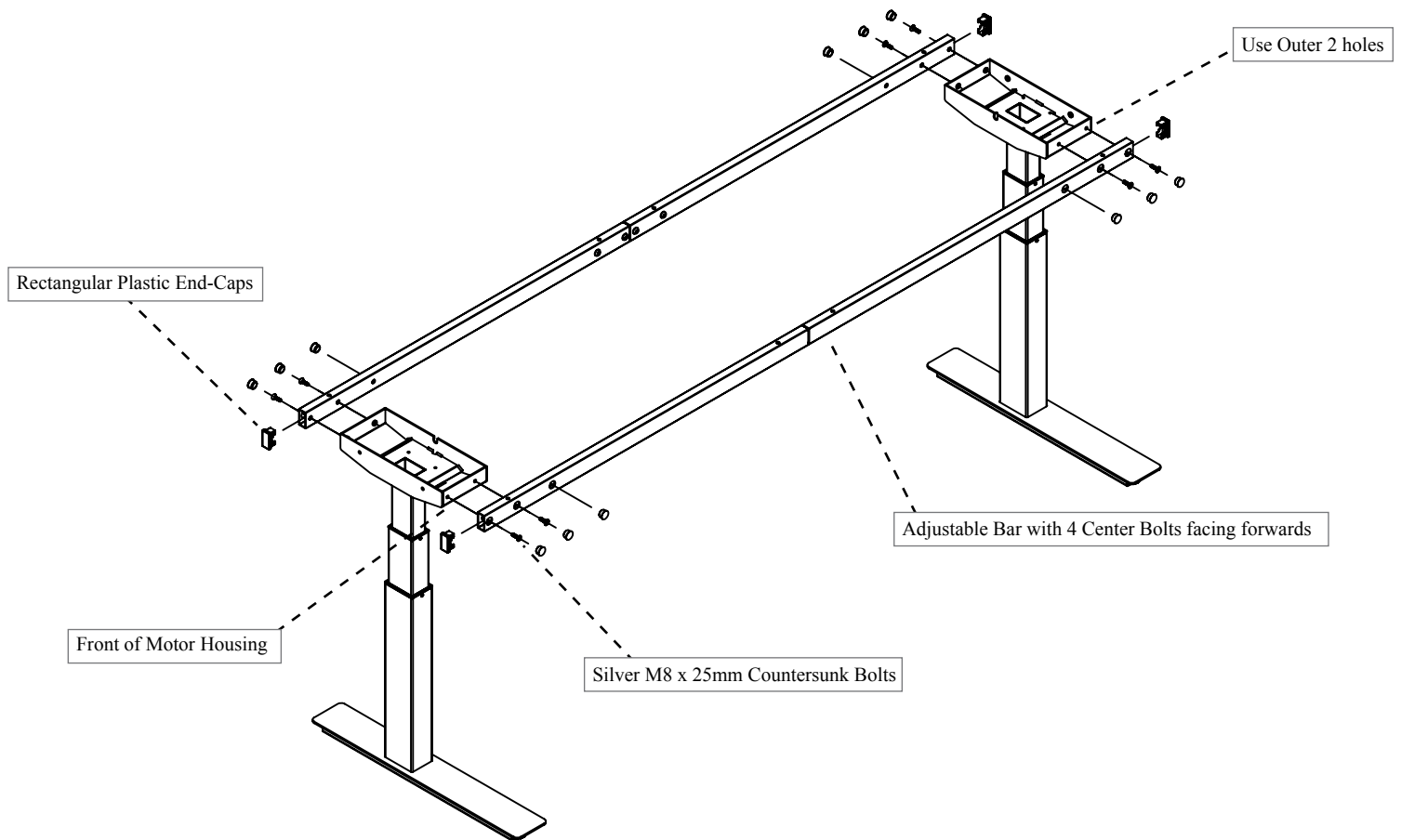
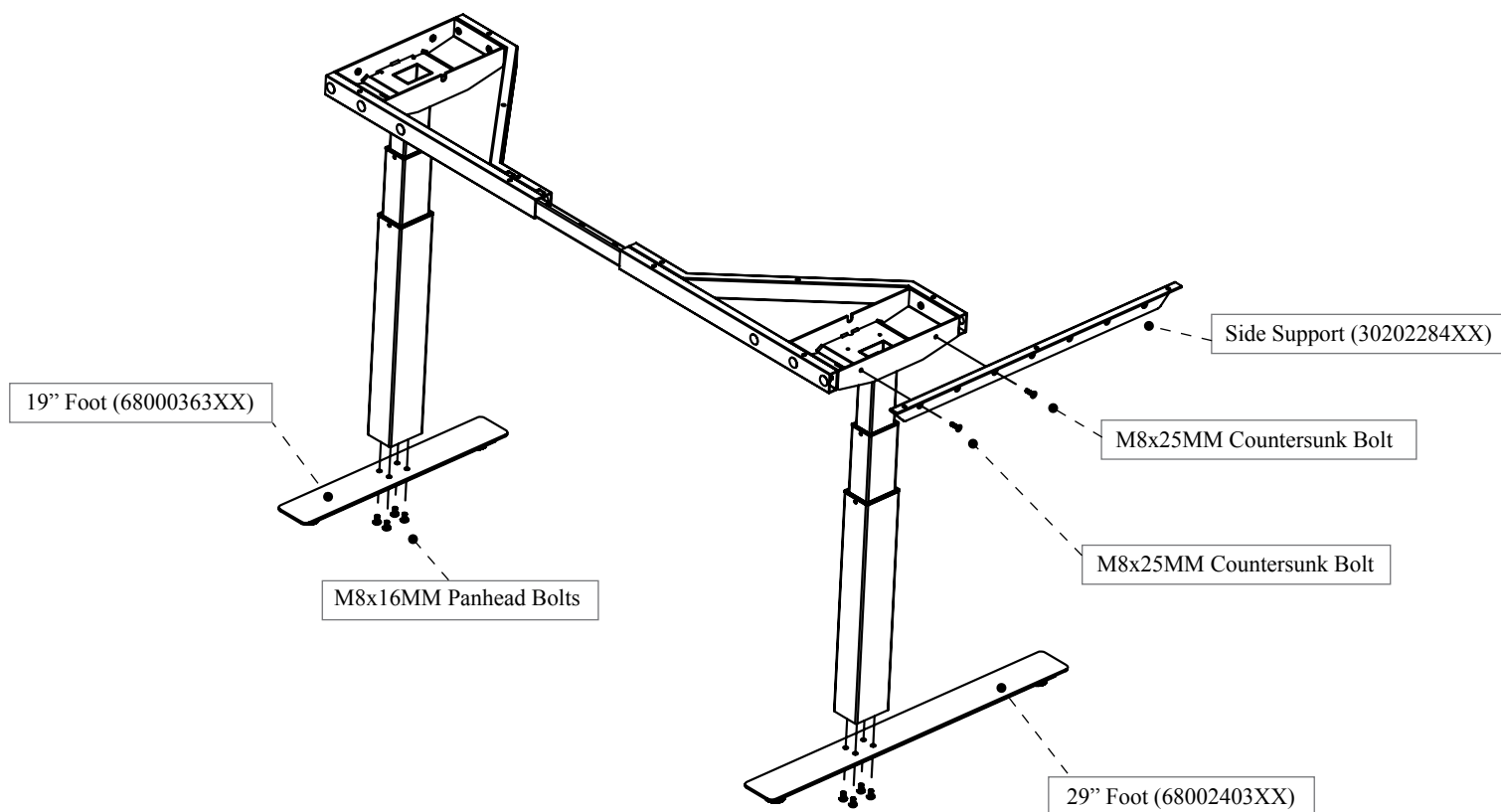


Figure 9. Attach Adjustable Bar to Motor Housings

4d. For 2 Leg EXT Bases: Install Side Support and Feet



Install the 19" foot and the 29" foot using the M8x16 Panhead Bolts supplied. The 29" foot (68002403XX) should always be installed on the same leg as the Side Support (30202284XX) on the side with the extended corner.

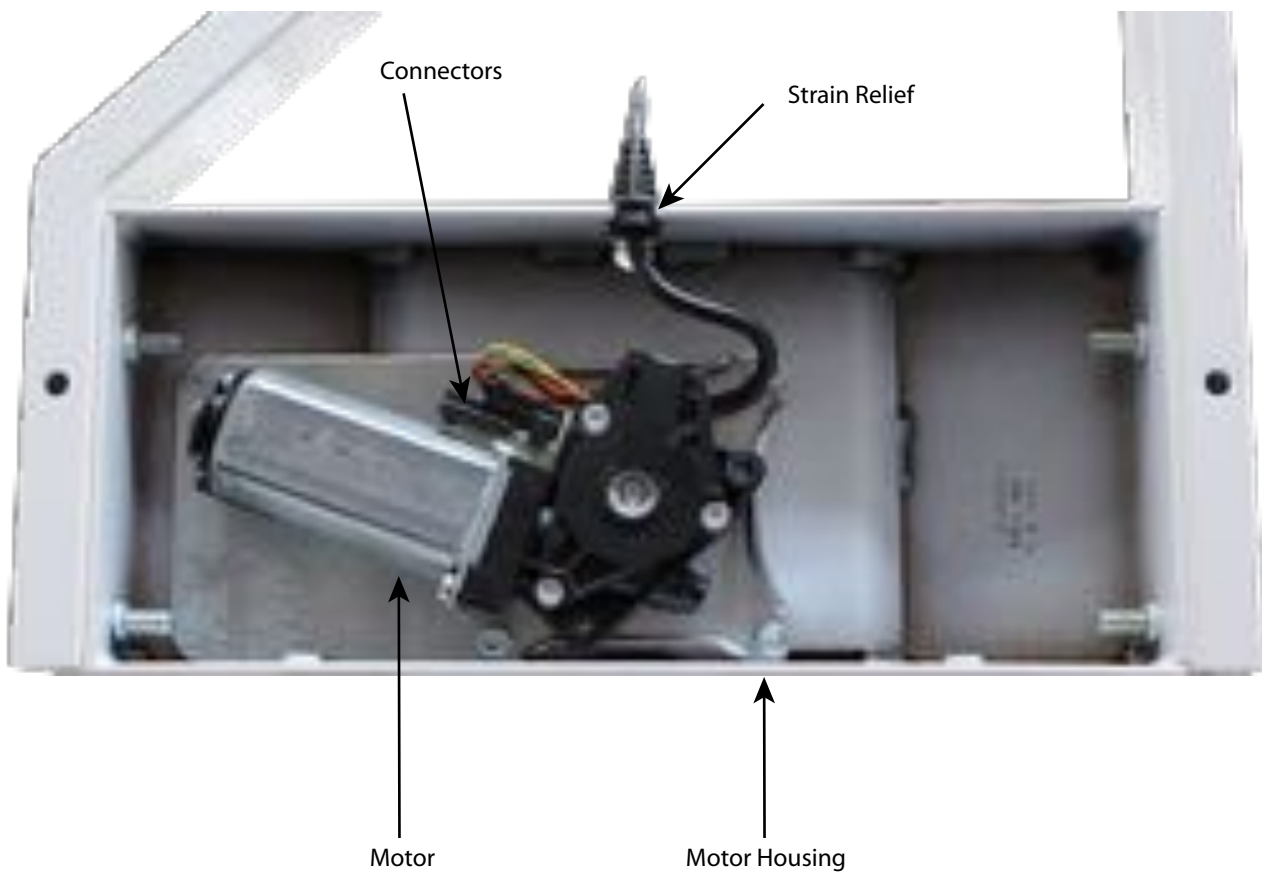
Install the Side Support (30202284XX) with the 2 M8x25MM Countersunk Bolts onto the side of the Motor Housing.

5. Check Motor Position

Ensure motor is properly positioned into the motor housing

Ensure motor cable strain relief is positioned in the motor housing cut-out

Ensure all motor connectors are properly connected



6. Install the Worksurface

Place the Worksurface on the floor with the bottom facing up. Make sure to lay it on a protective layer to prevent scratching.

Using a tape measure, position the frame so that the distance between the back edge of the Worksurface is 3" away from the back of the Adjustable Bar.

Depending on the size of the Worksurface selected, ensure to leave equal distances on both sides of the frame.

Using an Electrical Drill with a Phillips Bit, fasten the frame onto the Worksurface with the 3/16" x 2-1/8" Countersunk Wood Screws. See Figure 10.

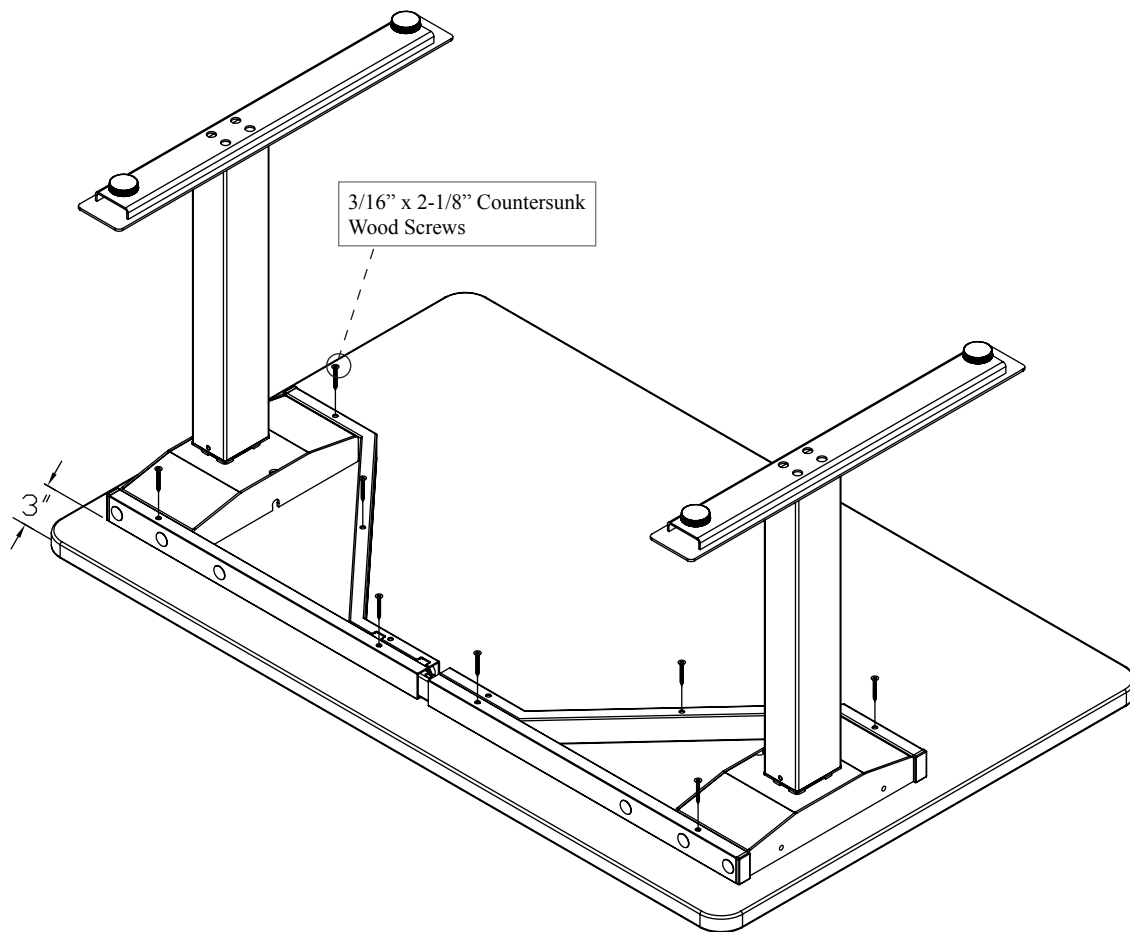


Figure 10. Install the Worksurface