

Wall Mount Height Adjustable Table

Reference Number: 6TP00587

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1. Important Information - Safety First!

Your safety and the safety of others are very important. Please familiarize yourself with all instructions and safety warnings before operating the table. Please keep this manual for future reference.

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. It is not practical or possible to warn you about all the hazards associated with operating or maintaining a table. Please 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 imminent hazard with a high risk of serious injury or death.



WARNING

Indicates a potentially hazard situation that if not avoided may could result in serious injury or death.



CAUTION

Indicates a potential hazardous, which 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 manual were in effect at the time of approval for printing. Knoll reserves the right to discontinue or change specifications or design at anytime without notice and without incurring any obligation whatsoever.

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1.1 Important Safety Instructions

Please save these instructions. Read instructions thoroughly before using table.

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

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. This table is not intended for use by children or individuals with a physical or other impairment, which may affect the ability to safely operate equipment.
3. Use this table only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.
4. Never operate this table if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or exposed to water. In such event please return the table to a service center for examination and repair.
5. Keep the cord away from heated surfaces.
6. Never operate the table 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 the table in a potentially explosive atmosphere.
10. To disconnect, turn all controls to the off position, then remove plug from outlet.

WARNING

Risk of Electric Shock:

1. Connect this table to a proper outlet only. For loading always put heavier items at the bottom and not at 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 table to lift people and do not use this table to lift heavy parts or use this table as a platform for storage.
2. The frame can lift 265 lbs exclusive of table top and attachments. See Reff Profile Planning Guide for functional load rating.

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DANGER

Risk of electric shock, injury, or death:

1. Improper usage, abuse, or misuse of the power supply, handset, motors and other electrical components may result in an electrical shock injury or possible death.
2. Do not open the power supply unit or handset under any circumstances. The power supply and handset contain no serviceable parts.
3. Do not modify or make any changes to the power supply, handset or other electrical devices.
4. During installation, repair, cleaning, or maintenance work, the power cable must be disconnected from the outlet.
5. The motors control unit is not designed for continuous operation. Changing the desktop position without interruption must not exceed the duty cycle indicated on the power supply. The unit is thermally protected and will temporarily shut down if use exceeds the duty cycle. Allow a 9-minute cooling period for the control unit to reset.
6. The power supply unit may only be operated with voltage as specified on the power supply label.
7. Only use the power cord supplied with the power supply. Check that it is not damaged. Do not operate the power supply unit if the power cord is damaged.
8. Connect the power supply to a proper outlet only. To disconnect turn all controls to the off position, then remove plug from outlet.
9. In the event of a malfunction (e.g. if the control unit keeps adjusting the desk because a movement button has jammed), please unplug the unit immediately.
10. Do not expose the power supply, handset or other electrical device to water or other liquids including moisture, drips, splashes or spills. Only clean electrical device with a dry cloth.
11. Do not operate the power supply, handset or other electrical device in a potentially explosive atmosphere. Do not operate where aerosol spray products are being used or where oxygen is being administered.
12. Do not use the desk if it has been dropped or damaged. Contact the manufacturer for examination or repair.
13. It is not allowed to connect self-constructed products to the power supply, handset or other electrical device. To prevent damage, use only components recommended by the manufacturing company.

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. To avoid a risk of squeezing or pinching the following safety margins must be complied with. Ensure that there is at least one inch (2.5 cm) safety margin between the table top and items above the table top. This is to avoid pinching of fingers, for example. As a safety margin for body or head (especially where children may be present) use a minimum of 16 inch (41 cm) counted from the floor or from the top of the table feet if that is relevant.
3. During the lowering or raising of the desktop, the operator must ensure that no person or object will risk being harmed by the operation.
4. This tag (at right) should be located on the table during the initial installation.
5. Keep children away from moving parts and from underneath the table.
6. The intended use of the table is for adjusting a work surface between sitting and a standing position. The table is not designed for other uses.

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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 power supply label.
9. The table must be operated in a dry, enclosed space, such as an office or similar.
10. Do not operate outdoors.
11. The table is equipped with Collision Detection System (CDS). In the event of a faulty component (i.e. motor or handset) the desktop may move slightly before the safety feature is engaged. Stay clear of pinch points when the desktop is moving.
12. 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.
13. Children must be supervised at all times to ensure that they do not play with the control unit.
14. The table may not be used to lift people. Do not sit or stand on a table while it is be raised or lowered.
15. The table must not be structurally or technically altered or modified in any way.



Please put this tag on desktop after assembly

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1.2 User Information




The frame can lift 265 lbs exclusive of table top and attachments. See Reff Profile Planning Guide for functional load rating. The motors may only be used continuously for 1 minute after which the table will automatically shut-off for 9 minutes.

Typical Product Label with Date of Manufacture

Knoll www.knoll.com

Model: REFF
Part no: 6806500
Prod. Date: 2019-11-13
Input: 120VAC 3.2A 60Hz
Output: DC35V
Duty Cycle: 1min on/ 9min off

CE   RECOGNIZED COMPONENT

   Intertek 5000828 Intertek 5000828

This Knoll REFF® motorized table desk
Conforms to ULSTD962 ED.4
Certified to CAN/CSA STDC22.2 No. 68 2009

CAUTION - Risk of Electric Shock

Make sure to unplug all power supply cords before moving or servicing this furnishing.



ATTENTION - Risque de choc électrique

Débranchez les cordons d'alimentation avant de déplacer ou d'entretenir ce mobilier.

FOR COMMERCIAL USE ONLY WARNING - RISK OF INJURY

Max Load:
2-Leg Frameset 265 lbs/120 kg minus worksurface weight
3-Leg Frameset 397 lbs/180 kg minus worksurface weight
Do not operate this equipment unless properly trained.


POUR USAGE COMMERCIAL SEULEMENT AVERTISSEMENT - RISQUE DE BLESSURE

Charge maximale:
2-Colonnes Ensemble 265 lbs/120 kg moins le poids de la surface de travail
3-Colonnes Ensemble 397 lbs/180 kg moins le poids de la surface de travail
Ne pas utiliser cet appareil sans formation.



Typical Power Supply Label


ROL | ERGO
www.rolergo.com



AC ADAPTER 电源适配器
PART No 69000121
MODEL(型号): TPS-070G035
AC INPUT(输入):
100-240Vac(50-60Hz) 1.0-0.5A
Load Duty Cycle: 1 min / 9 min.
DC OUTPUT(输出): 35V=2.12A



Connect DC to the table before connecting the mains.
Duty cycle for table 10% 
1min on/ 9min off.

IP21   

CAUTION:
Risk of electric shock
For indoor use only 
Do not open the unit 
Dry location only

制造商: 深圳拓邦股份有限公司
Made in China 中国制造

1.3 Before You Start

Check for and remove obstacles in path of the table top. Before first use, the control unit must register the lowest point of elevation. Do a manual reset as listed in section 3.2. Under normal conditions the system communicates internally and knows the position of each column. If there are differences in column height, please do a manual reset as listed in section 3.2.

1.4 Electrical Rating

Electrical rating, input: 120VAC, 50-60Hz, 3.2A. Output 35V.

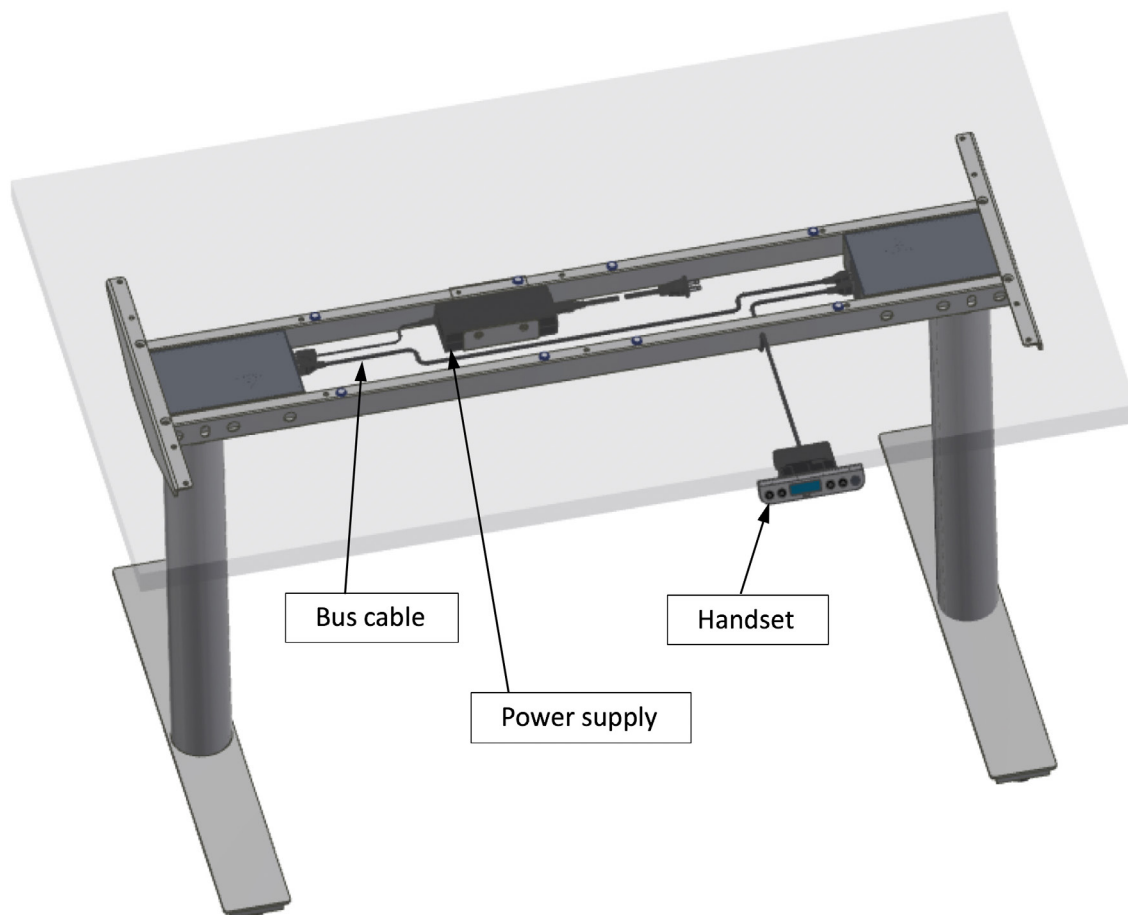
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2. Assembly & Adjustment

2.1 Assembly Instructions

The official assembly instructions can be found with the base components. Make sure to ask your desk vendor for an approved combination of desktop and frame.



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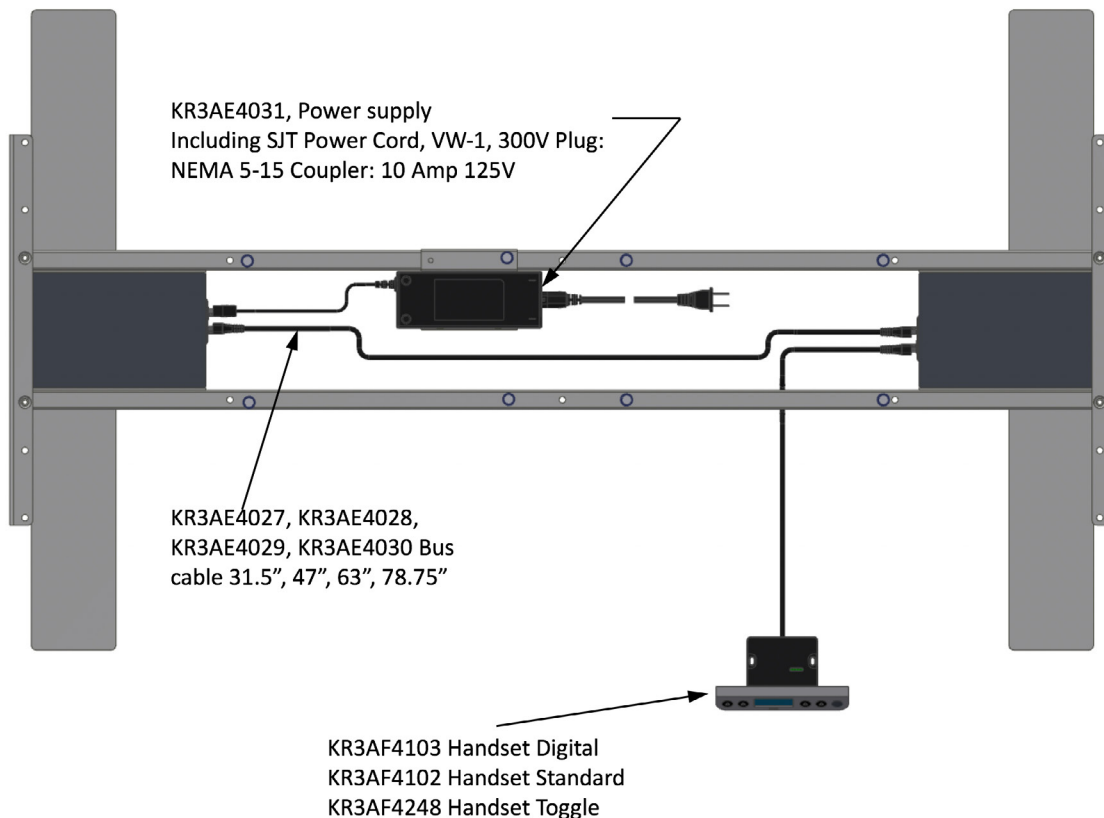
2.2 Setup Procedure

CAUTION

Risk of electrical shock:

The main power cord must be unplugged during the setup. To setup the table:

1. Connect the handset to a 3-pin motor/motor house or to Bus cable socket.
P/N: KR3AF4102, KR3AF4103
2. Connect the Bus cable between each motor/motor house.
P/N: KR3AE4027, KR3AE4028, KR3AE4029, KR3AE4030, KR3AE4089 (length 31 1/2", 47", 63", 78", 94 1/2")
3. Connect the power supply to the motor/motor house. P/N: KR6800121
4. Assemble the power cord to the power supply. P/N: KR68005498
5. The table is ready for use, connect the power cord to the outlet.



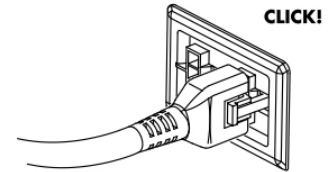
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2.3 Optional Mounting Guidelines

! NOTICE

When disconnecting components such as the power supply, Bus cable or the handset, the strain relieve hook must be pressed before removing the connector. When inserting the connector, an audible “click” indicates that the strain relieve hook has correctly re-engaged.



! DANGER

Grounding Instruction. This product does NOT require grounding to earth. This product is double insulated and equipped with a polarized 120V plug and 2-conductor cord. The plug must be plugged into an appropriate building outlet that is properly installed in accordance with all local codes and ordinances. Please read section 4.4 as well.



! DANGER

Risk of electrical shock.

Improper connection of the equipment can result in a risk of electric shock. Check with a qualified electrician for any concerns. 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 designed for the voltage indicated on the power supply label. No adapters should be used with this product.

! CAUTION

Risk of electrical shock.

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

- The voltage must be as specified on the power supply label.
- When the power cord is plugged in, the electrical control devices are operational.

! NOTICE

In case of a power failure or if the power cord is unplugged during the movement of the drives, a manual reset may be necessary! See section 3.2

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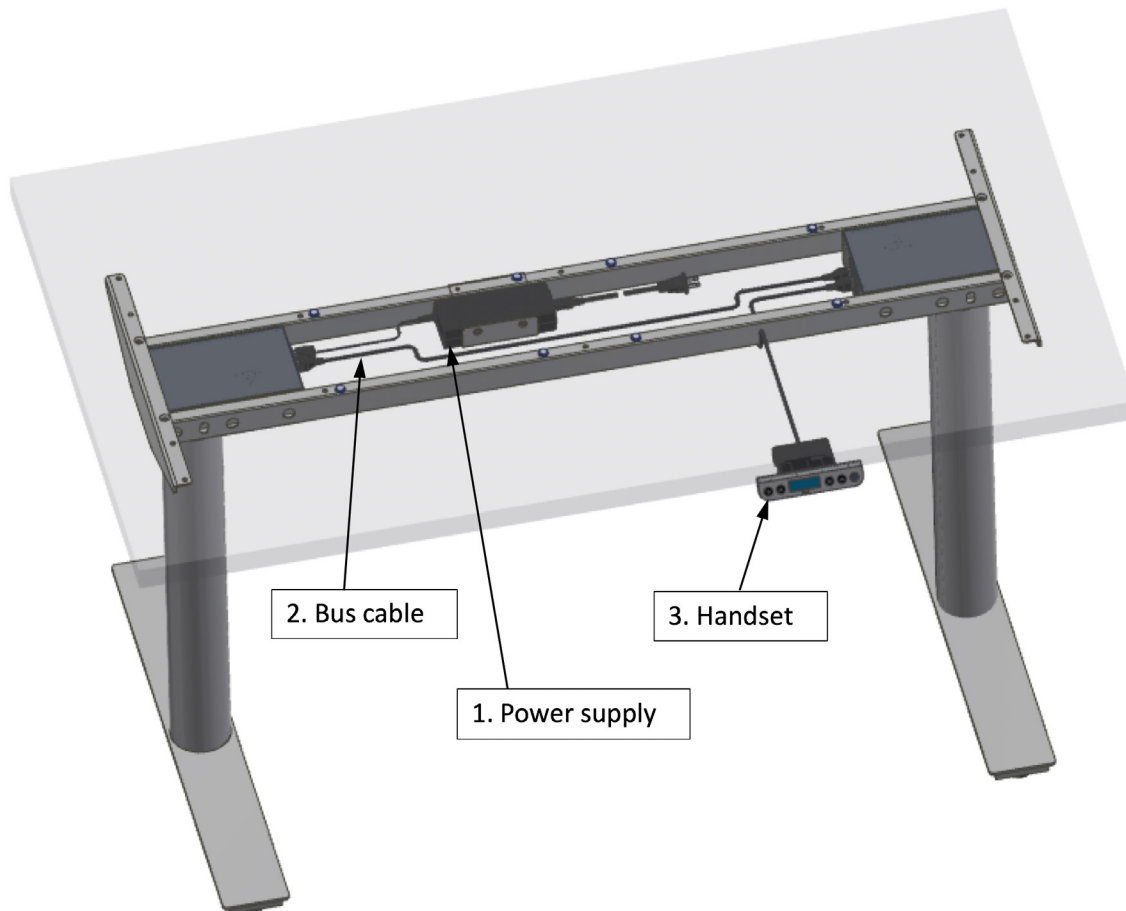
2.4 System Configuration (Example)

The figure below shows a configuration example consisting of:

1. Power Supply
2. Bus cable
3. Handset

2.5 Adjustment

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/unexpected operation or for maintenance please contact your vendor or arrange for service by a qualified technician.



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Pattern Numbers represented:

Wall Mounted Height Adjustable Table, RWM_ _ _

Tools Needed:

Wrench for hex bolt at glide

Hex bits: Various

Torque Wrench with 8mm Hex Bit Socket (for 57ft-lbs)

Power Driver with #2, #3 & #4 Phillips Bits

Drill bits for pre-drilling and fastening of customer-supplied wall-attachment hardware

Wall protection material (blanket or cardboard)

Note: No impact drivers or other high-torque equipment are to be used

Part List:

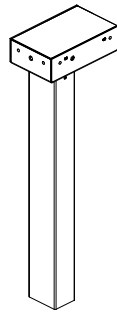
(A)	Leg Column (2 stage)	(FF)	Leg Top Inside Bracket
(B)	Adjustable Width Crossbar	(GG)	#10 x 7/8 Tek Screw
(C)	5/16-18x1" Socket Screw	(HH)	1/4-20 x 3" UNC Button Head Cap Screw
(D)	Width Adjustment Set Screw	(II)	Power Supply
(E)	Cantilever Bracket, RH	(JJ)	iDrive Cables, 31", 63", 78"
(F)	Cantilever Bracket, LH	(KK)	Power Supply Bracket
(G)	1/4-20 x 5/8" Phillips Undercut Flat Head Screw	(LL)	Handset Kit, Standard, consisting of: Standard Handset
(H)	Leg Grommet Sleeve	(MM)	#8 x 3/4" Pan Head Zinc Wood Screw
(I)	Notched Top		Or
(J)	Leg Support Bracket	(NN)	Handset Kit, Toggle, consisting of: Toggle Handset
(K)	5/16-18 x 1" Round Head Socket Screw	(OO)	#6 x 5/8" Pan Head Zinc Wood Screw
(L)	5/16- 18 Hex Standoff		Or
(M)	5/16-18 Leveler	(PP)	Handset Kit, Digital, consisting of: Digital Handset
(N)	Leg Bottom Bracket	(QQ)	#8 x 3/4" Pan Head Zinc Wood Screw
(O)	1/4-20 x 5/8 Hex Head Bolt	(RR)	#14 x 7/8" Pan Head Wood Screw
(P)	1/4 -20 Hex Nut	(SS)	#10 x 2-1/2" Phillips Head Truss Wood Screw
(Q)	Leg Top Bracket	(TT)	Cable Ties
(R)	#14 x 7/8" Pan Head Wood Screw	(UU)	Hinged Frontset
(S)	Rear Brace	(VV)	Magnetic Catch
(T)	Square Rubber Bumper	(WW)	#6 x 1/2" Pan Head Wood Screw
(U)	Round Rubber Bumper	(XX)	Grommet Inner Sleeve
(V)	1x1x3 L-bracket	(YY)	Grommet Front Ring
(W)	Right Hand End Gable	(ZZ)	#8 x 3/8" Flat Head Screw
(X)	Left Hand End Gable	(AAA)	#8 x 1/2" Washer
(Y)	#10 x 3/4" Pan Head Wood Screw	(BBB)	Elbow Catch
(Z)	Disc Plate	(CCC)	#5-20 x 3/4" Flat Head Machine Screw
(AA)	7x50mm Confirmat Screw	(DDD)	#6 x 1/2" Quad Drive Pan Head Screw
(BB)	Multi-Clip	(EEE)	Grommet Back Plate
(CC)	#8 x 1" Flat Head Wood Screw		
(DD)	1x1x1/2" L-bracket		
(EE)	Mid Gable		

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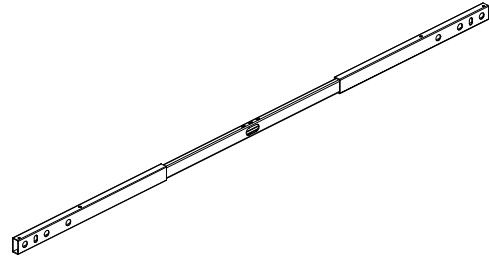
Reference Number: 6TP00587

Part List:

- (A) Leg Column (2 stage)
- (B) Adjustable Width Crossbar
- (C) 5/16-18x1" Socket Screw
- (D) Width Adjustment Set Screw



(A) 6TP42005



(B) 3AE401701, 3AE401801, 3AE401901 (S, M, L)
only M shown



(C) 68003490 (within 3AE4032 kit)



(D) 3AE4050

STEPS:

Construct Base Assembly

(Fig. 1)

1. Position (2) Leg Columns (A) upside down on the floor, facing each other.

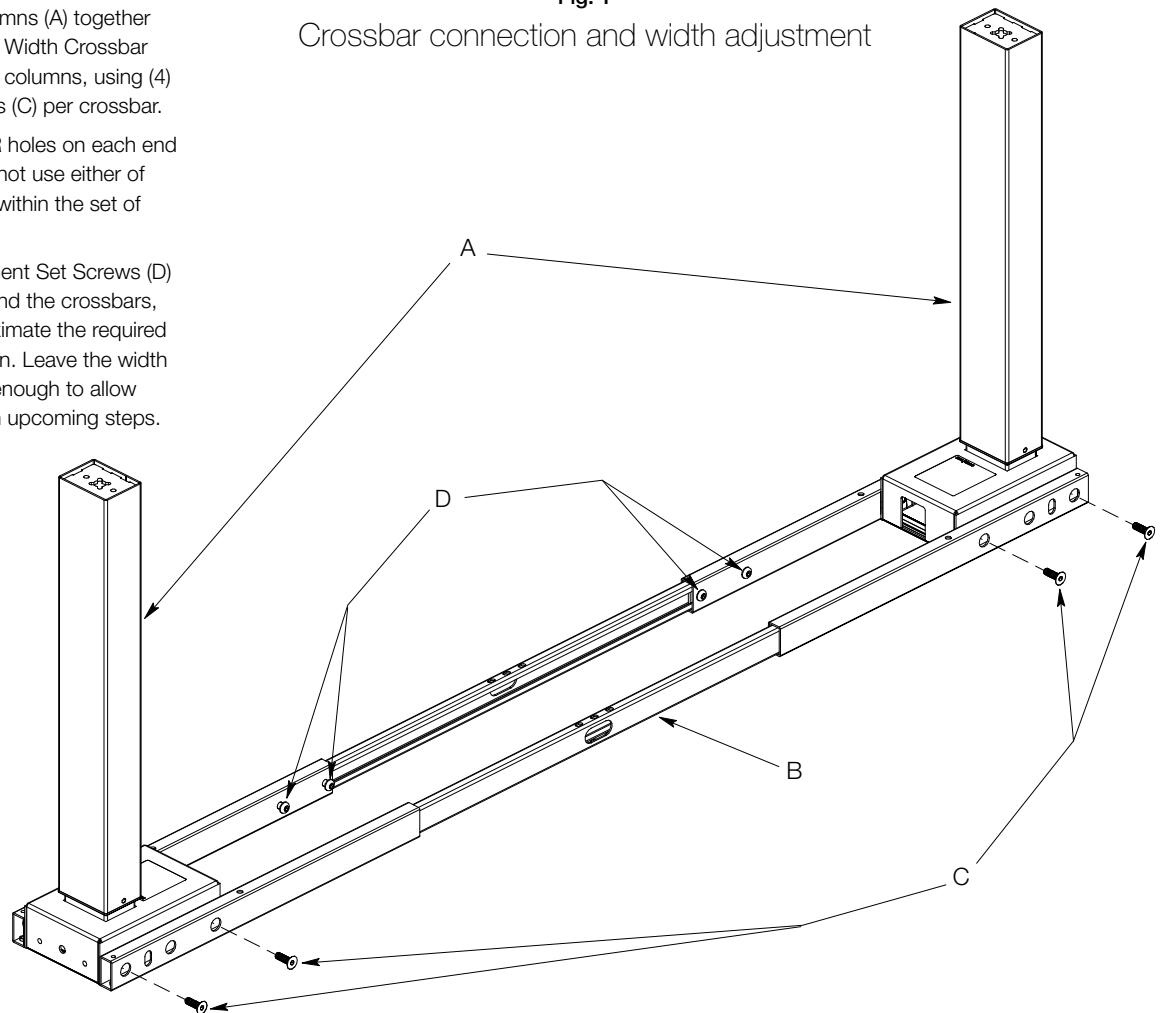
Connect the two Leg Columns (A) together by fastening (1) Adjustable Width Crossbar (B) to both sides of the leg columns, using (4) 5/16-18x1" Socket Screws (C) per crossbar.

Note: Use the two OUTER holes on each end of the crossbar. Do not use either of the two inner holes within the set of four.

2. Loosen the Width Adjustment Set Screws (D) on the crossbars and extend the crossbars, spacing the legs to approximate the required distance per the application. Leave the width adjustment screws loose enough to allow further width adjustment in upcoming steps.

Fig. 1

Crossbar connection and width adjustment

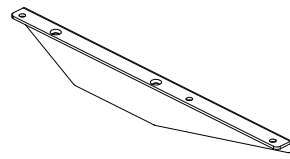


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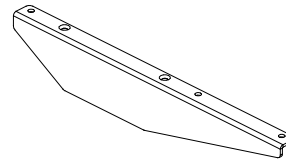
Reference Number: 6TP00587

Part List:

- (E) Cantilever Bracket, RH
- (F) Cantilever Bracket, LH
- (G) ¼-20 x 5/8" Phillips Undercut Flat Head Screw



(E) 6TP41967R



(F) 6TP41967L



(G) 79100036
(within 3AE4032 kit)

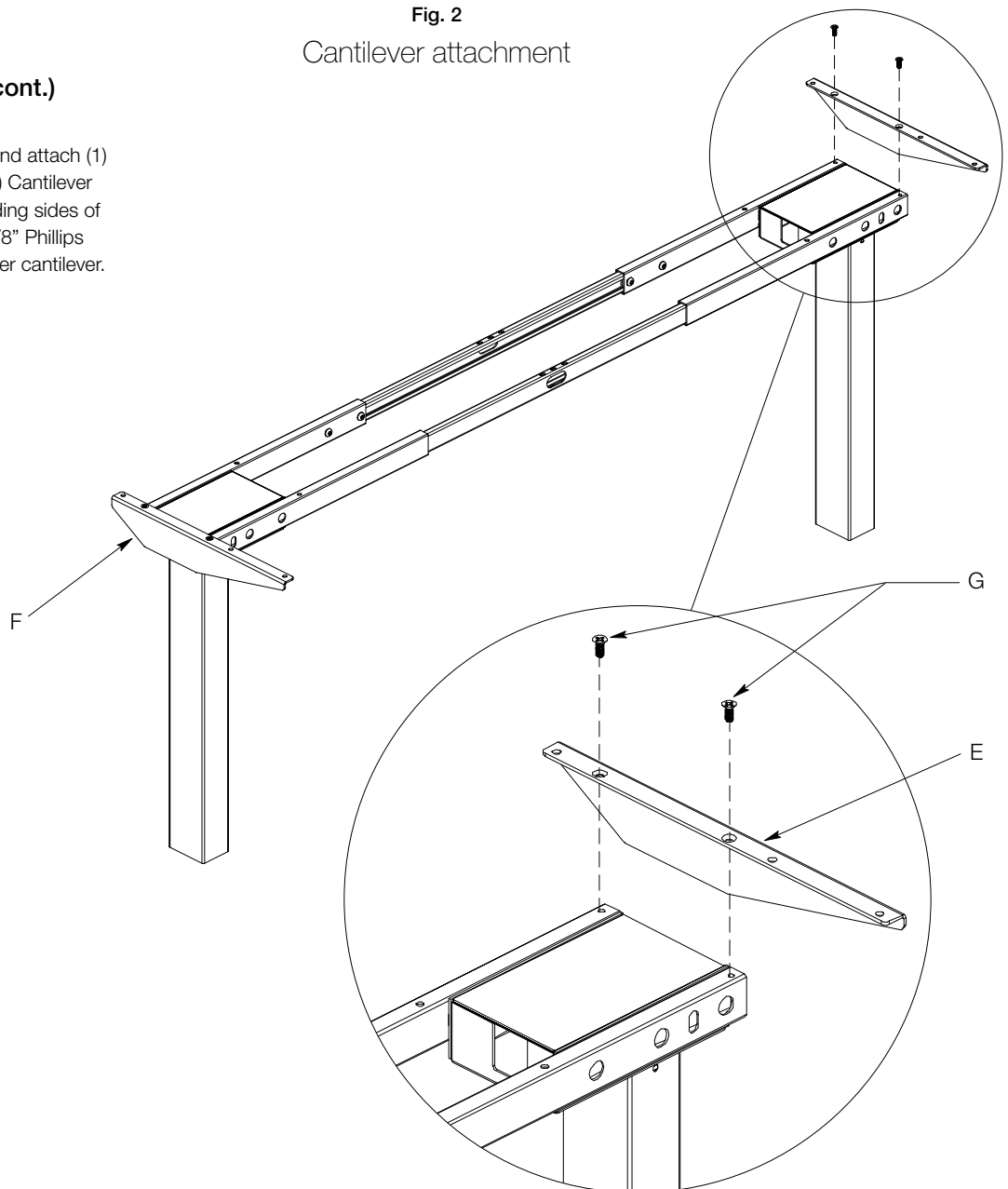
Fig. 2

Cantilever attachment

Construct Base Assembly (cont.)

(Fig. 2)

3. Turn the assembly right side up and attach (1) Cantilever Bracket, RH (E) and (1) Cantilever Bracket, LH (F) to the corresponding sides of the assembly, using (2) ¼-20 x 5/8" Phillips Undercut Flat Head Screws (G) per cantilever.

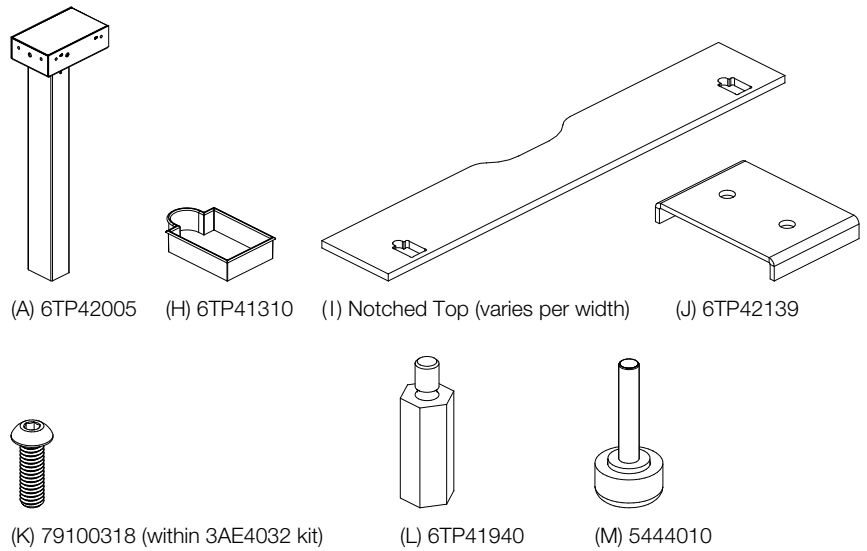


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Part List:

- (A) Leg Column (2 stage)
- (H) Leg Grommet Sleeve
- (I) Notched Top
- (J) Leg Support Bracket
- (K) 5/16-18 x 1" Round Head Socket Screw
- (L) 5/16- 18 Hex Standoff
- (M) 5/16-18 Leveler



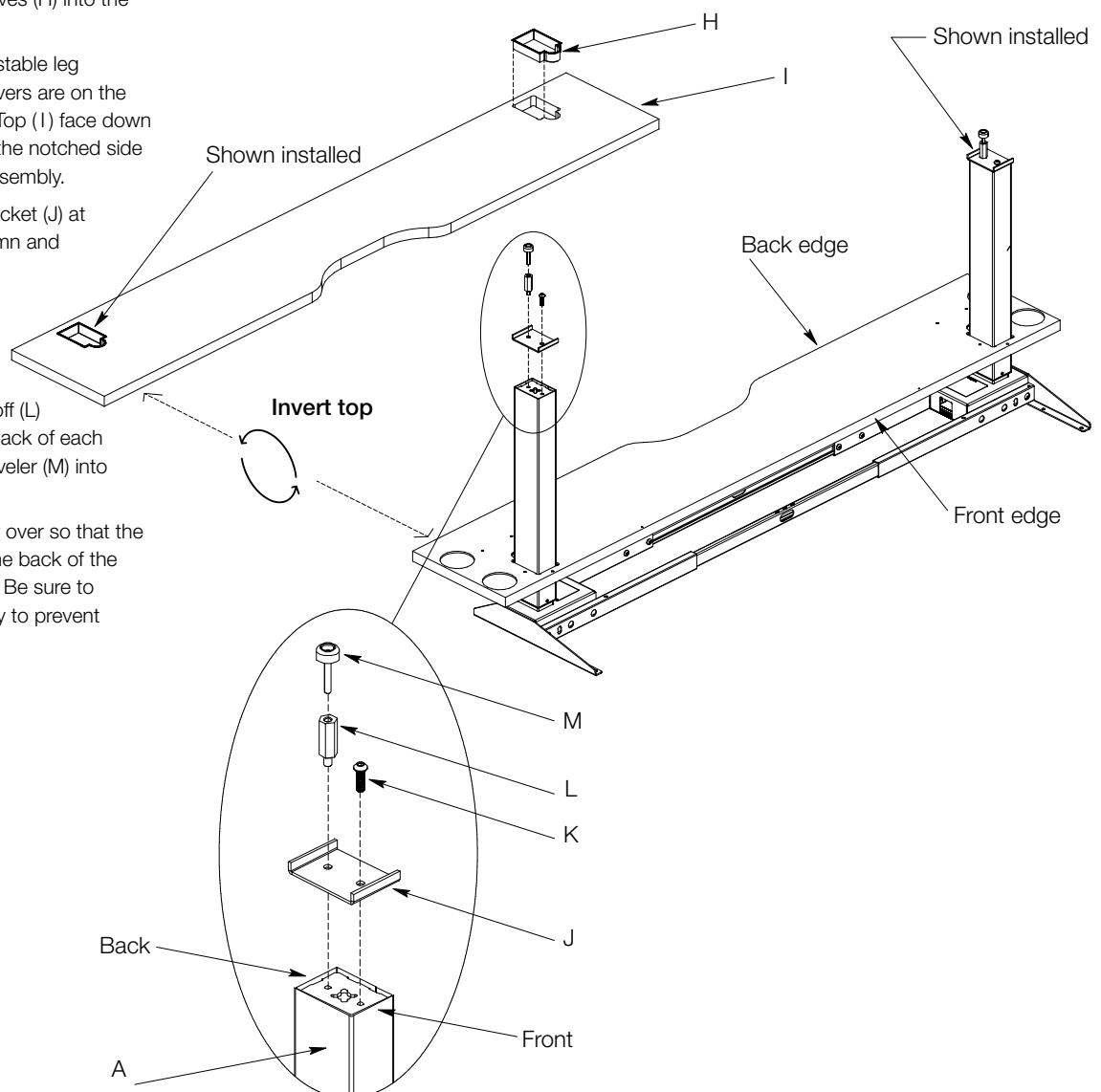
Assemble Notched Top and Attach Bracketry

(Fig. 3)

4. Insert (2) Leg Grommet Sleeves (H) into the Notched Top (I).
5. Again, invert the height adjustable leg assembly so that the cantilevers are on the floor and slide the Notched Top (I) face down onto the leg assembly, with the notched side facing the back of the leg assembly.
6. Position (1) Leg Support Bracket (J) at the bottom of each leg column and secure them to the column legs with (1) 5/16-18 x 1" Round Head Socket Screw (K) in the hole at the front of each column, and (1) 5/16- 18 Hex Standoff (L) at the threaded hole at the back of each column. Insert a 5/16-18 Leveler (M) into each standoff.
7. Flip the table base assembly over so that the glides are on the floor and the back of the table base is facing the wall. Be sure to protect the wall appropriately to prevent marring.

Fig. 3

Notched top and leg foot assembly

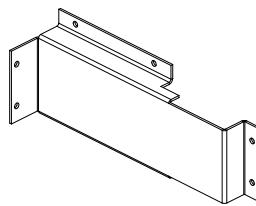


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Part List:

- (N) Leg Bottom Bracket
- (O) 1/4-20 x 5/8 Hex Head Bolt
- (P) 1/4 -20 Hex Nut



(N) 6TP42138



(O) 6TR4042



(P) 7061140

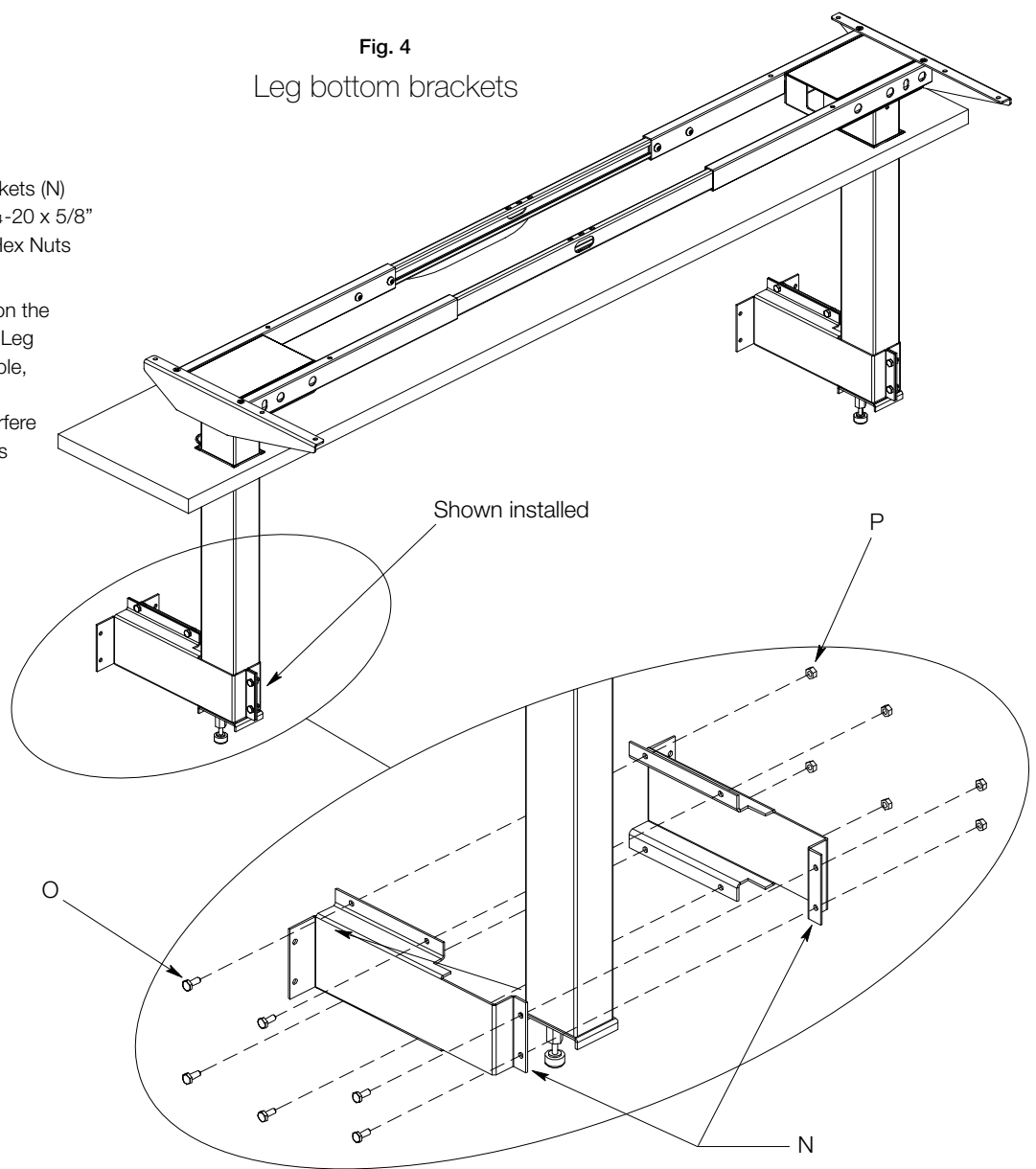
Assemble Notched Top and Attach Bracketry (cont.)

(Fig. 4)

8. Connect a pair of Leg Bottom Brackets (N) around each leg column using (6) 1/4-20 x 5/8" Hex Head Bolts (O) and (6) 1/4 -20 Hex Nuts (P) per bracket pair.

Note: For maximum stability, position the bracket pairs as close to the Leg Support Bracket (J) as possible, ensuring that the position of the bracket pairs will not interfere with any architectural features on or within the wall when mounted.

Fig. 4
Leg bottom brackets



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Part List:

- (D) Width Adjustment Set Screw
- (I) Notched Top
- (Q) Leg Top Bracket
- (R) #14 x 7/8" Pan Head Wood Screw

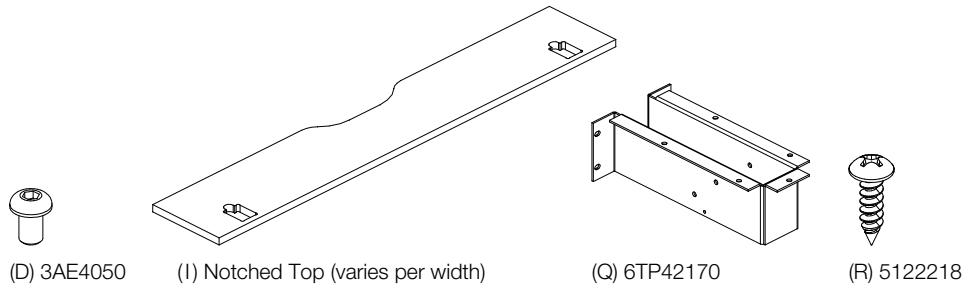


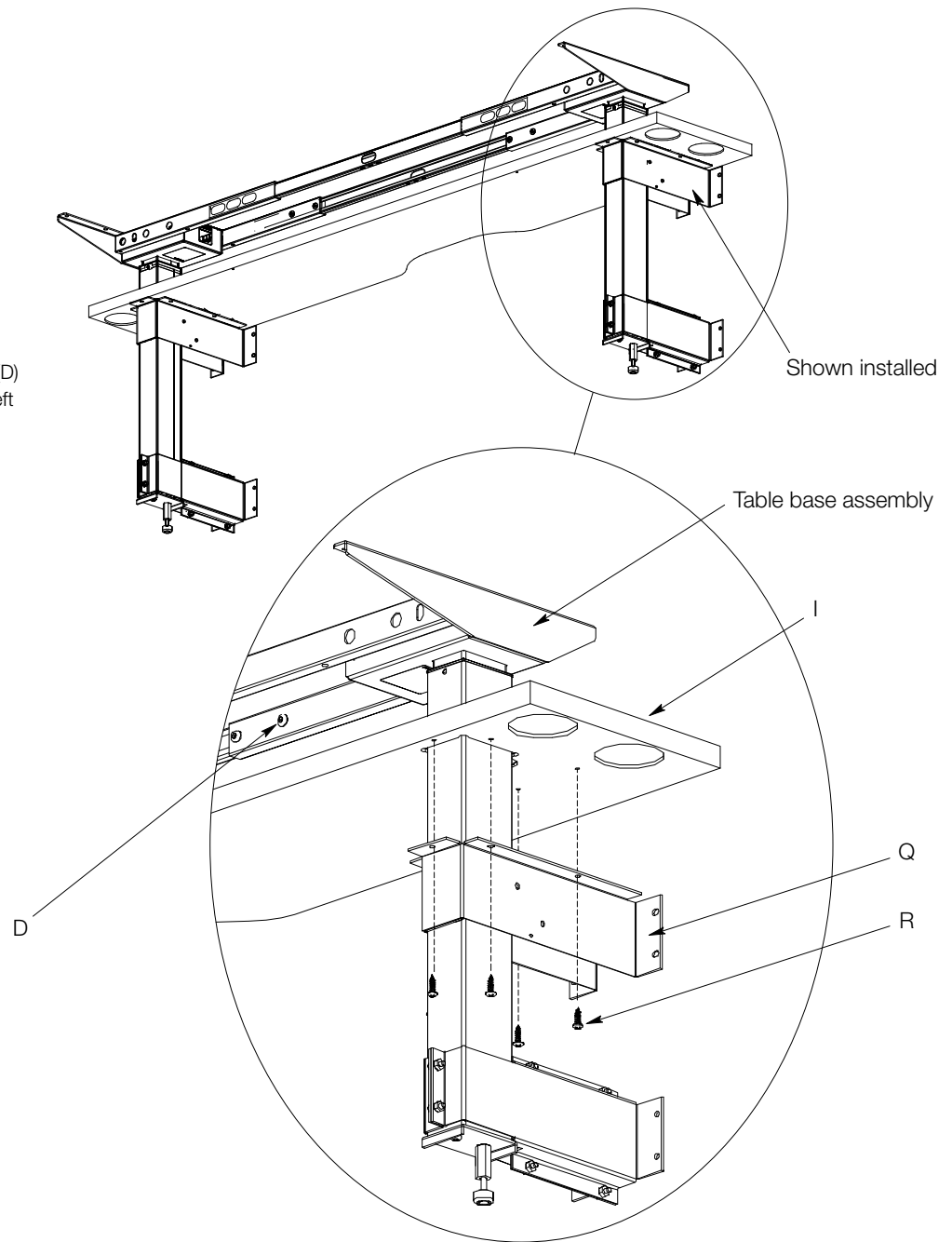
Fig. 5

Leg top brackets and width adjustment screws

Assemble Notched Top and Attach Bracketry (cont.)

(Fig. 5)

9. Position (1) Leg Top Bracket (Q) around each leg column and, using the pre-drilled holes in the underside of the Notched Top as a guide, attach them to the top using (5) #14 x 7/8" Pan Head Wood Screw (R) per bracket.
10. Tighten the Width Adjustment Set Screws (D) on the Crossbars (B) that were previously left loose in Step 2.

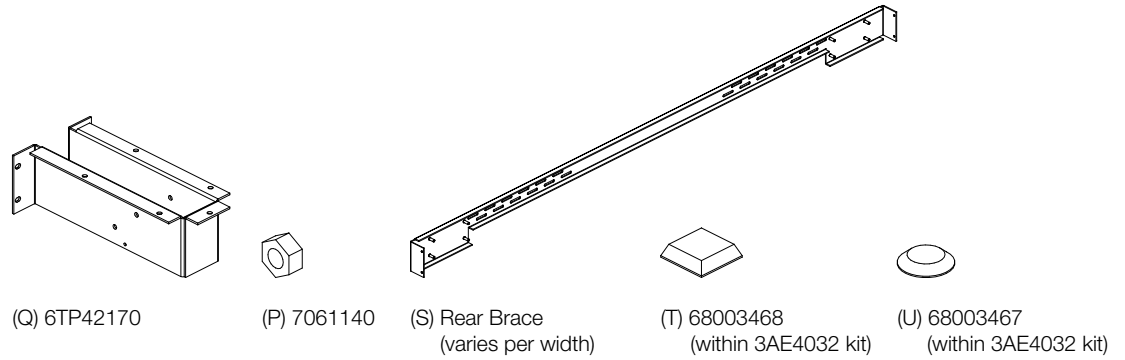


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Part List:

- (Q) Leg Top Bracket
- (P) ¼ -20 Hex Nut
- (S) Rear Brace
- (T) Square Rubber Bumper
- (U) Round Rubber Bumper



Assemble Notched Top and Attach Bracketry (cont.)

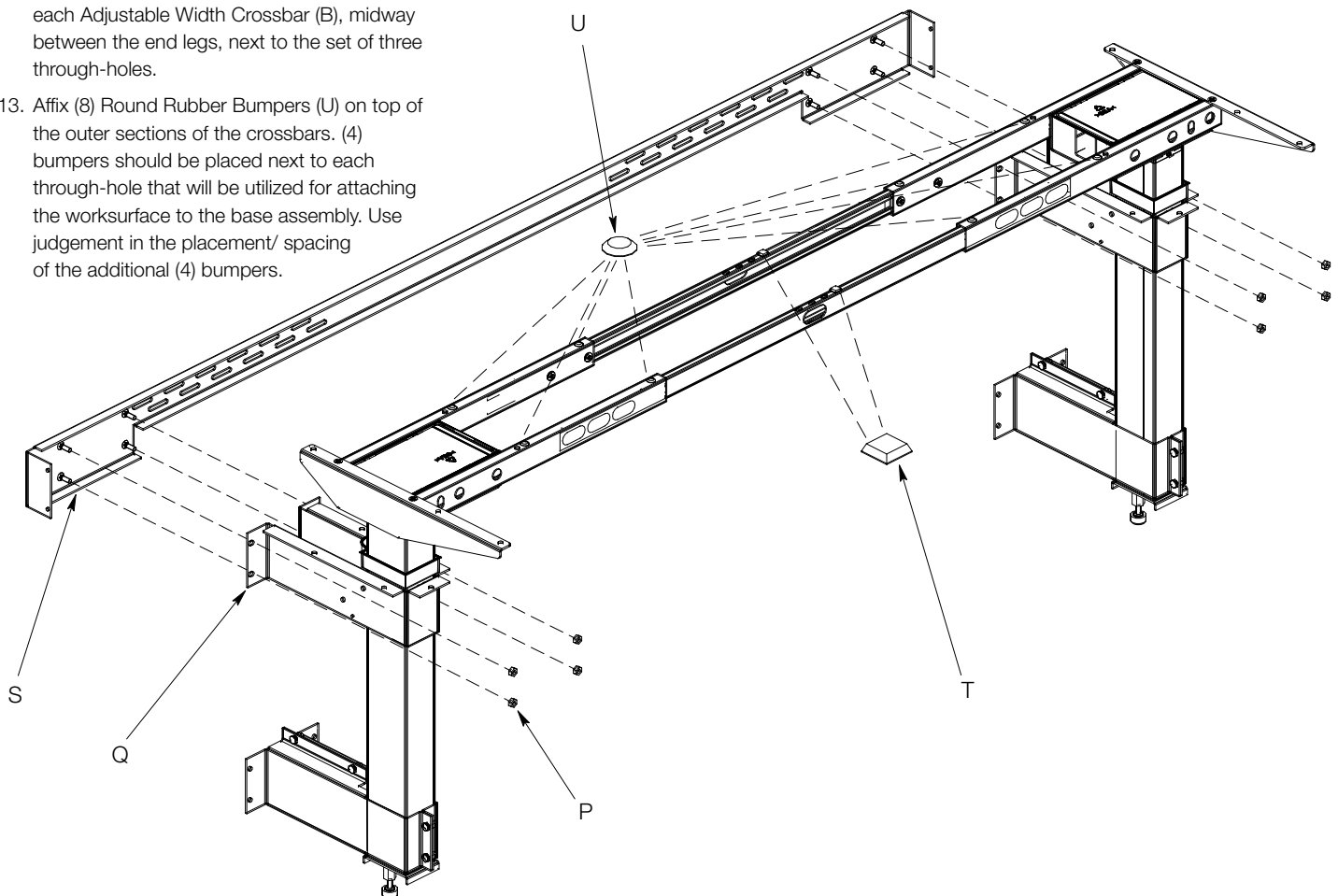
(Fig. 6)

11. Position the Rear Brace (S) onto the Leg Top Brackets (Q), sliding the (8) welded screws of the brace into the corresponding holes of the leg top brackets. Fasten using (8) ¼ -20 Hex Nuts (P).
12. Affix (1) Square Rubber Bumper (T) on top of each Adjustable Width Crossbar (B), midway between the end legs, next to the set of three through-holes.
13. Affix (8) Round Rubber Bumpers (U) on top of the outer sections of the crossbars. (4) bumpers should be placed next to each through-hole that will be utilized for attaching the worksurface to the base assembly. Use judgement in the placement/ spacing of the additional (4) bumpers.

Fig. 6

Rear brace and bumpers

Note: Notched top removed for clarity

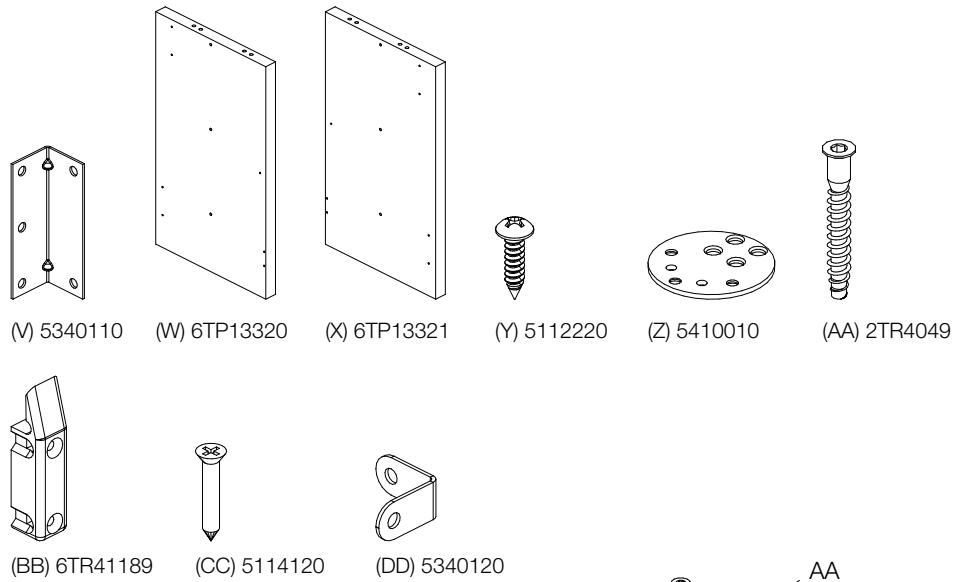


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Reference Number: 6TP00587

Part List:

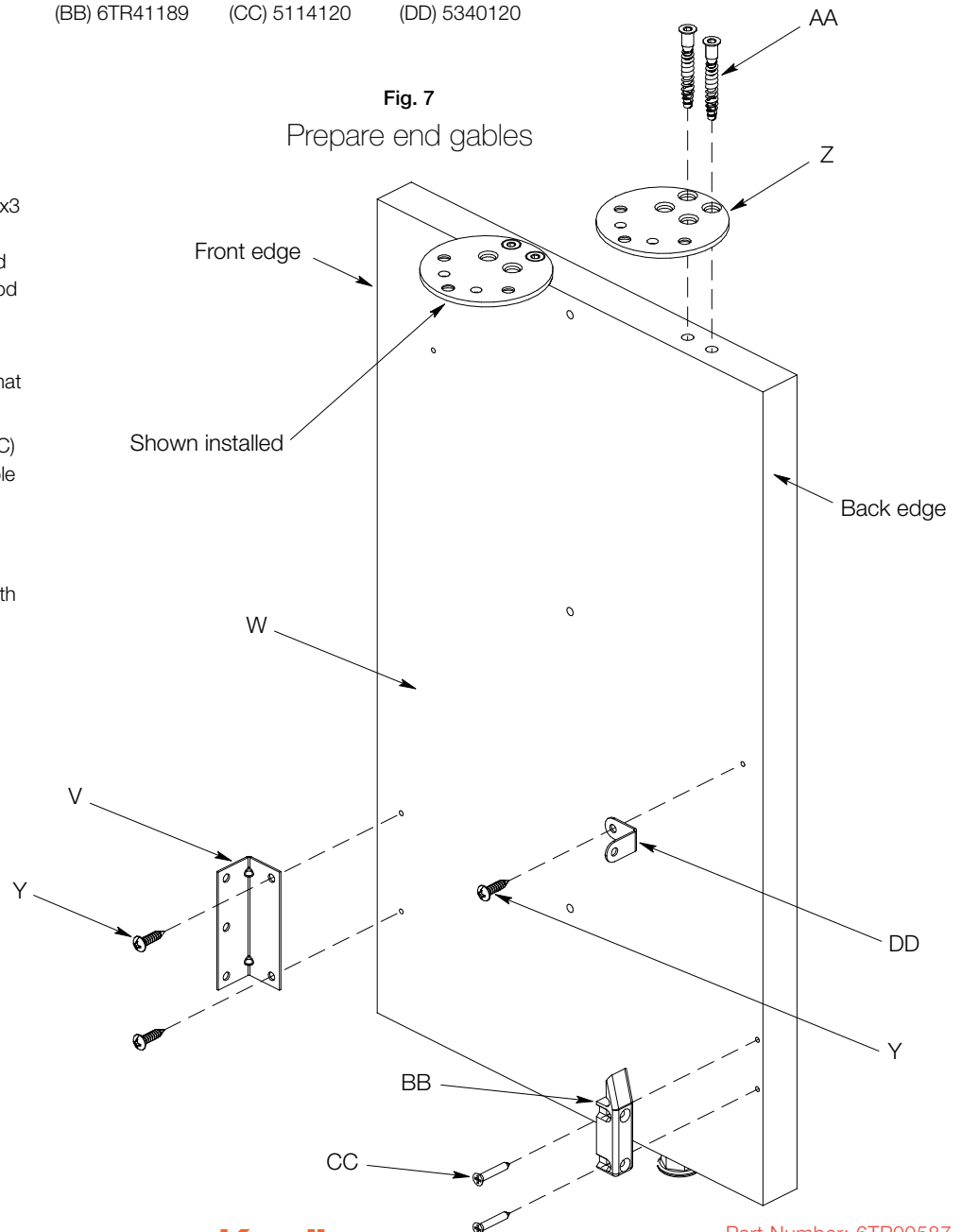
- (V) 1x1x3 L-bracket
- (W) Right Hand End Gable
- (X) Left Hand End Gable
- (Y) #10 x 3/4" Pan Head Wood Screw
- (Z) Disc Plate
- (AA) 7x50mm Confirmat Screw
- (BB) Multi-Clip
- (CC) #8 x 1" Flat Head Wood Screw
- (DD) 1x1x1/2" L-bracket



Prepare and Attach Gables

(Fig. 7)

14. Utilizing the pre-drilled holes, attach (1) 1x1x3 L-bracket (V) to the inside of both the Right Hand End Gable (W) and the Left Hand End Gable (X) using (2) #10 x 3/4" Pan Head Wood Screws (Y) per L-bracket.
15. Attach (2) Disc Plates (Z) to the top of each End Gable (W/X) using (2) 7x50mm Confirmat Screws (AA) per plate.
16. Use (2) #8 x 1" Flat Head Wood Screws (CC) to fasten a Multi-Clip (BB) to each End Gable (W/X), utilizing the predrilled holes near the front edge of the gables.
17. Utilizing the pre-drilled holes, attach (1) 1x1x1/2" L-bracket (DD) to the inside of both End Gables (W/X) using (1) #10 x 3/4" Pan Head Wood Screw (Y) per L-bracket.

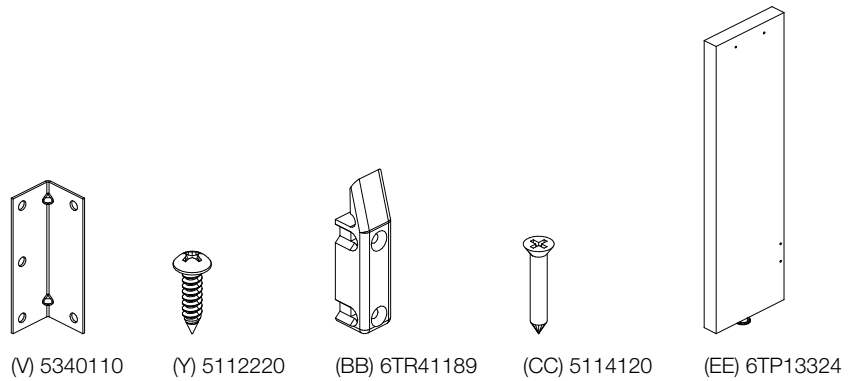


Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

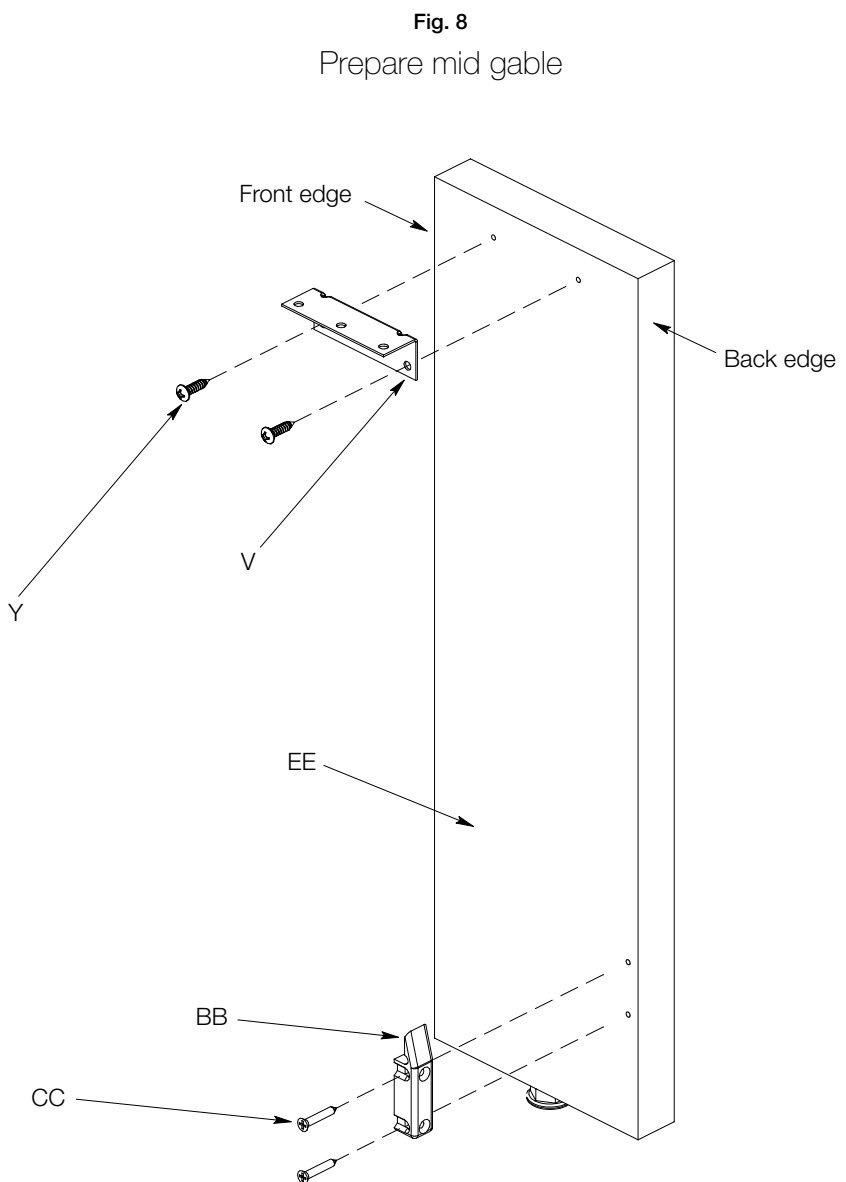
- (V) 1x1x3 L-bracket
- (Y) #10 x 3/4" Pan Head Wood Screw
- (BB) Multi-Clip
- (CC) #8 x 1" Flat Head Wood Screw
- (EE) Mid Gable



Prepare Mid Gable (if Table is 72" or Wider. Skip Steps 18 & 19 if Table is Under 72" Wide)

(Fig. 8)

18. Utilizing the pre-drilled holes, attach (1) 1x1x3 L-bracket (V) to the side of the Mid Gable (EE) using (2) #10 x 3/4" Pan Head Wood Screws (Y).
19. Use (2) #8 x 1" Flat Head Wood Screws (CC) to fasten a Multi-Clip (BB) to the Mid Gable (EE), utilizing the predrilled holes near the front edge of the gable. Set the mid gable assembly aside.

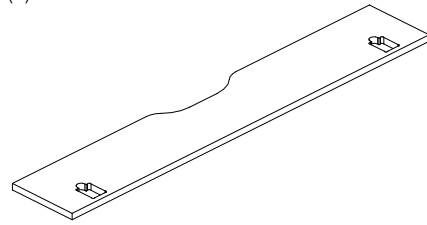


Wall Mount Height Adjustable Table

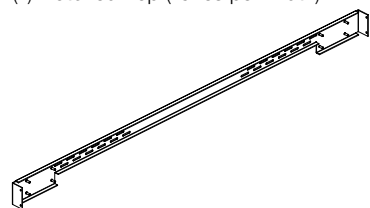
Reference Number: 6TP00587

Part List:

- (I) Notched Top
- (S) Rear Brace
- (Y) #10 x 3/4" Pan Head Wood Screw
- (Z) Disc Plate



(I) Notched Top (varies per width)



(S) Rear Brace (varies per width)



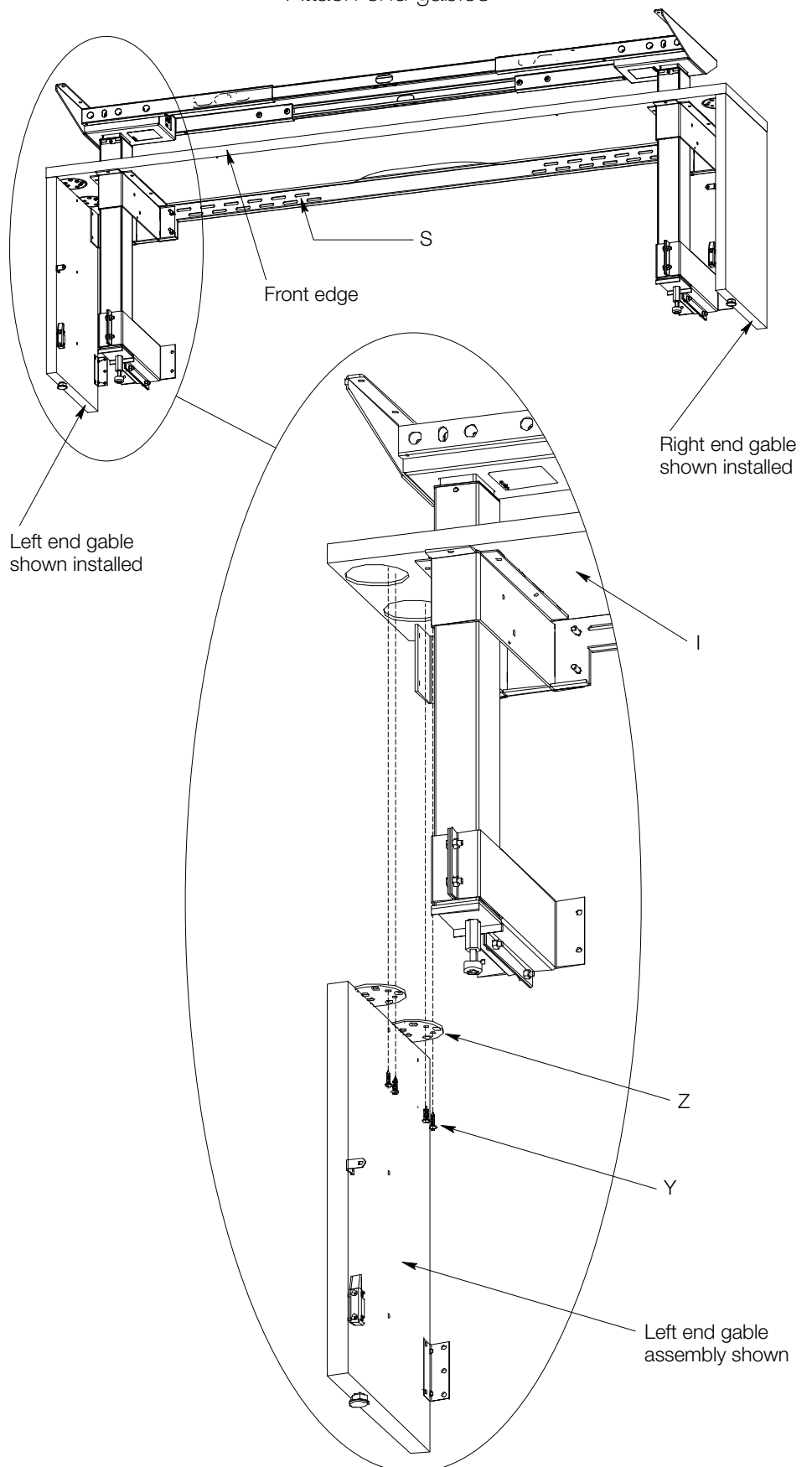
(Y) 5112220 (Z) 5410010

Attach End Gable

(Fig. 9)

20. Position the right and left end gable assemblies under the Notched Top (I) so the Disc Plates (Z) fall within the pre-routed recesses. Attach the disc plates to the top, using (2) #10 x 3/4" Pan Head Wood Screws (Y) per plate.

Fig. 9
Attach end gables



Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Wall Mounting Suggestions

The following information is provided only as a guide, and represents minimum recommendations only. Knoll does not accept responsibility for the attachment of any Knoll product to a Customer's site wall. Wall specification/construction is the responsibility of the Customer and its structural engineer/architect. Failure to properly attach Knoll products to adequate wall structures can lead to property damage and/or personal injury.

You should consult your own structural engineers and/or architects and must not rely on the information provided herein.

It is the responsibility of the Customer and its structural engineers/architects to verify that the permanent structural walls (studs, blocks, solid masonry, etc.) on which the Knoll products are intended to be mounted are designed appropriately to support the product weight, PLUS 3 lbs. per linear inch for each usable shelf length.

For all local building standards and codes, and additional requirements (including, but not limited to, seismic conditions) the Customer should always consult local code agencies.

Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Wall Mounting Suggestions (cont.)

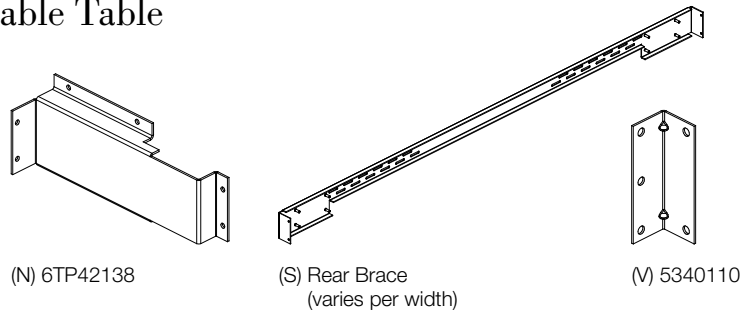
	Existing Construction				
	NEW CONSTRUCTION	Wood Stud Wall, the studs being FULL HEIGHT to the roof/ floor above Steel	Wood Stud Wall, the studs being only Ceiling Height	Stud Wall, the studs being FULL HEIGHT to the roof/floor above	Steel Stud Wall, the studs being only Ceiling Height
Stud Specification	Wood studs, grade #2 or better, 3 1/2" minimum width, OR Metal studs, minimum 25 gage thickness, 3 5/8" minimum width	Wood studs must be Grade #2, or better, 3 1/2" minimum width	Wood studs must be Grade #2, or better, 3 1/2" minimum width	Metal studs must be minimum 25 gage thickness, 3 5/8" minimum width	Metal studs must be minimum 25 gage thickness, 3 5/8" minimum width
Stud Centers	Metal and wood studs must be spaced at 16" c/c maximum	Wood studs must be spaced at 16" c/c maximum	Wood studs must be spaced at 16" c/c maximum	Metal studs must be spaced at 16" c/c maximum	Metal studs must be spaced at 16" c/c maximum
Stud Height	Metal and wood studs must extend upwards, and be securely attached to the roof/ floor structure above		Wood studs must be braced above the ceiling, and be securely attached to the roof/floor structure above Affix #2 grade 'cap' across the top of the studs, then place diagonal studs from the top cap up to underside of the roof/ floor structure above		Metal studs must be braced above the ceiling, and be securely attached to the roof/floor structure above Affix metal bracing 'cap' across the top of the studs, then place diagonal studs from the top cap up to underside of the roof / floor structure above
Mounting the Knoll Supplied Frame	Insert a 2" X 6" wood block, #2 grade or better, [or a Danback™ flexible wood backing system] horizontally between each of the studs to accommodate the full width of the table base, and beyond to the next stud. Fasten the wood block to each stud using three screws at the ends of each block. (Fasten the Danback™ as directed by the manufacturer) Fasten the Knoll Supplied Rear Brace directly to the wood block as per the specification in Table A using #10 x 2 1/2" Grabber Woodys Screws or equiv.	In the desired location of the Table Base Rear Brace, remove an 8" high section of drywall the width of the table base, and beyond to the next stud. Insert a 2" X 6" wood block, #2 grade or better, horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied Rear Brace directly to the wood block as per the specification in Table A using #10 x 2 1/2" Grabber Woodys Screws or equiv.	In the desired location of the Table Base Rear Brace, remove an 8" high section of drywall the width of the table base, and beyond to the next stud. Insert a 2" X 6" wood block, #2 grade or better, horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied Rear Brace directly to the wood block as per the specification in Table A using #10 x 2 1/2" Grabber Woodys Screws or equiv.	In the desired location of the Table Base Rear Brace, remove an 8" high section of drywall the width of the table base, and beyond to the next stud. Insert a 2" X 6" wood block, #2 grade or better, [or a Danback™ flexible wood backing system] horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied Rear Brace directly to the wood block as per the specification in Table A using #10 x 2 1/2" Grabber Woodys Screws or equiv.	In the desired location of the Table Base Rear Brace, remove an 8" high section of drywall the width of the table base, and beyond to the next stud. Insert a 2" X 6" wood block, #2 grade or better, [or a Danback™ flexible wood backing system] horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied Rear Brace directly to the wood block as per the specification in Table A using #10 x 2 1/2" Grabber Woodys Screws or equiv.

Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (N) Leg Bottom Bracket
- (S) Rear Brace
- (V) 1x1x3 L-bracket



Position and Secure Base (Fig. 10)

21. Set the base assembly in its specified location along the architectural wall and adjust the levelers under the leg columns and end gables, as necessary, to achieve a level top surface and level crossbars. Ideally, the top of the Rear Brace (S) should fall 22-7/8" above the finished floor. Mark the perimeter of the Rear Brace (S) as well as the locations for all fastening holes/slots, including (4) holes for each Leg Bottom Bracket (N) and (2) holes for each L-bracket (V).

22. Prepare the wall for installation. Please refer to the "Wall Mounting Suggestions" found on sheet 17.

Knoll does not assume any responsibility for the installation, attachment, or securing of wall mounted units to the wall. A certified building contractor should be consulted.

23. Reposition the base assembly on the wall once the fastening locations have been appropriately prepared. Check for level again, then secure the brackets (N, V, & S) to the wall using appropriate customer-supplied fasteners in all previously marked locations.

Note: The use of Toggler® Brand Snaptoggle® toggle bolts is strongly recommended in applications where the wall is not fully blocked.

Fig. 10

Base attachment to wall

Note: Leg structure and notched top removed for clarity

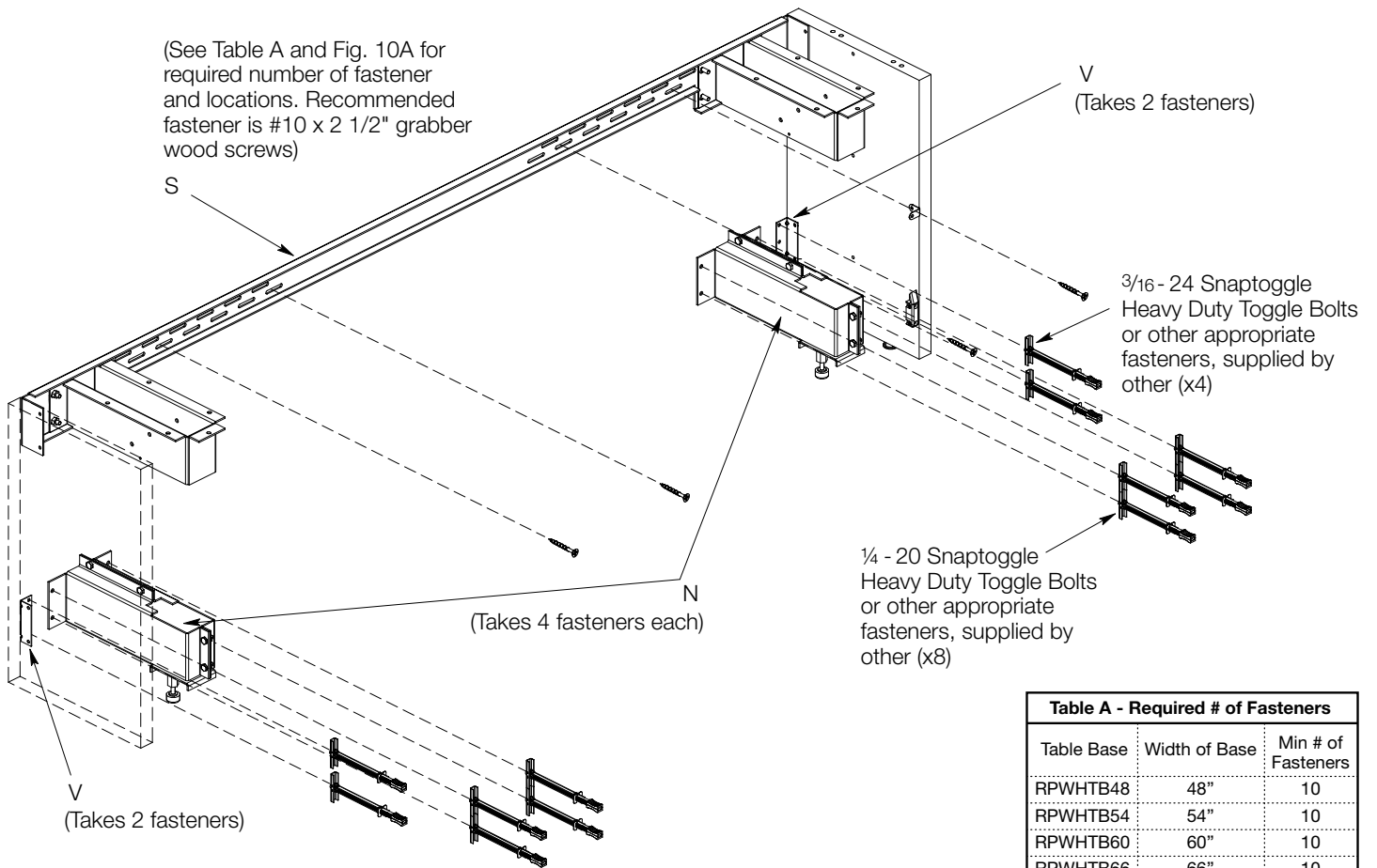


Fig. 10A Mounting Locations Shown below for 96"

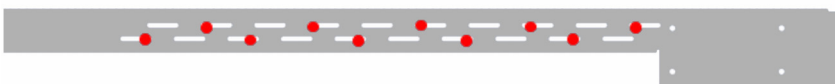


Table A - Required # of Fasteners		
Table Base	Width of Base	Min # of Fasteners
RPWHTB48	48"	10
RPWHTB54	54"	10
RPWHTB60	60"	10
RPWHTB66	66"	10
RPWHTB72	72"	12
RPWHTB78	78"	14
RPWHTB84	84"	16
RPWHTB90	90"	18
RPWHTB96	96"	20

Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (P) 1/4 -20 Hex Nut
- (Q) Leg Top Bracket
- (FF) Leg Top Inside Bracket
- (GG) #10 x 7/8 Tek Screw
- (HH) 1/4-20 x 3" UNC Button Head Cap Screw

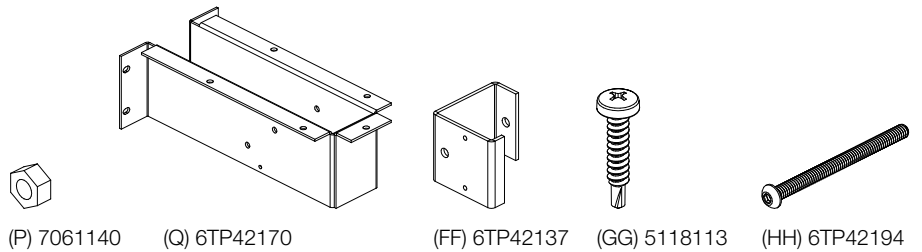


Fig. 11

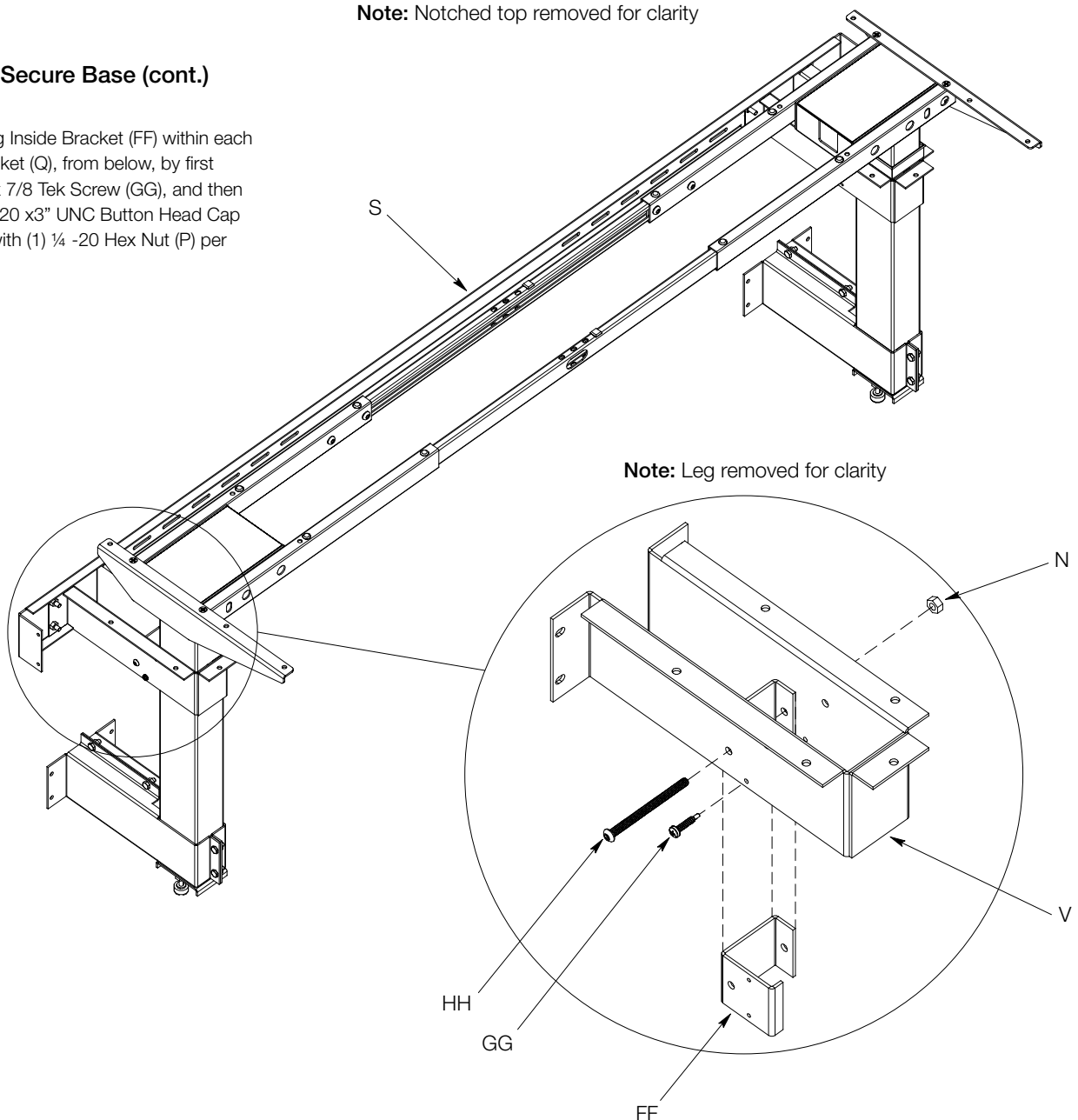
Install inside leg bracket

Note: Notched top removed for clarity

Position and Secure Base (cont.)

(Fig. 11)

24. Attach (1) Leg Inside Bracket (FF) within each Leg Top Bracket (Q), from below, by first using a #10 x 7/8 Tek Screw (GG), and then using (1) 1/4-20 x3" UNC Button Head Cap Screw (HH) with (1) 1/4 -20 Hex Nut (P) per bracket .

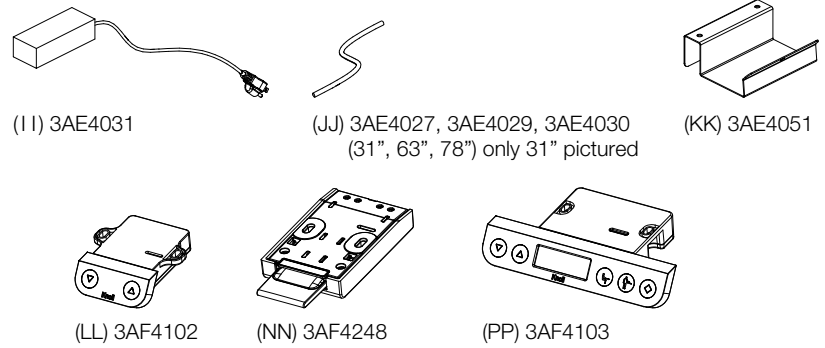


Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (I) Power Supply
- (J) iDrive Cables, 31", 63", 78"
- (K) Power Supply Bracket
- (L) Handset Kit, Standard, consisting of: Standard Handset
- (N) Handset Kit, Toggle, consisting of: Toggle Handset
- (P) Handset Kit, Digital, consisting of: Digital Handset



Electrify Base

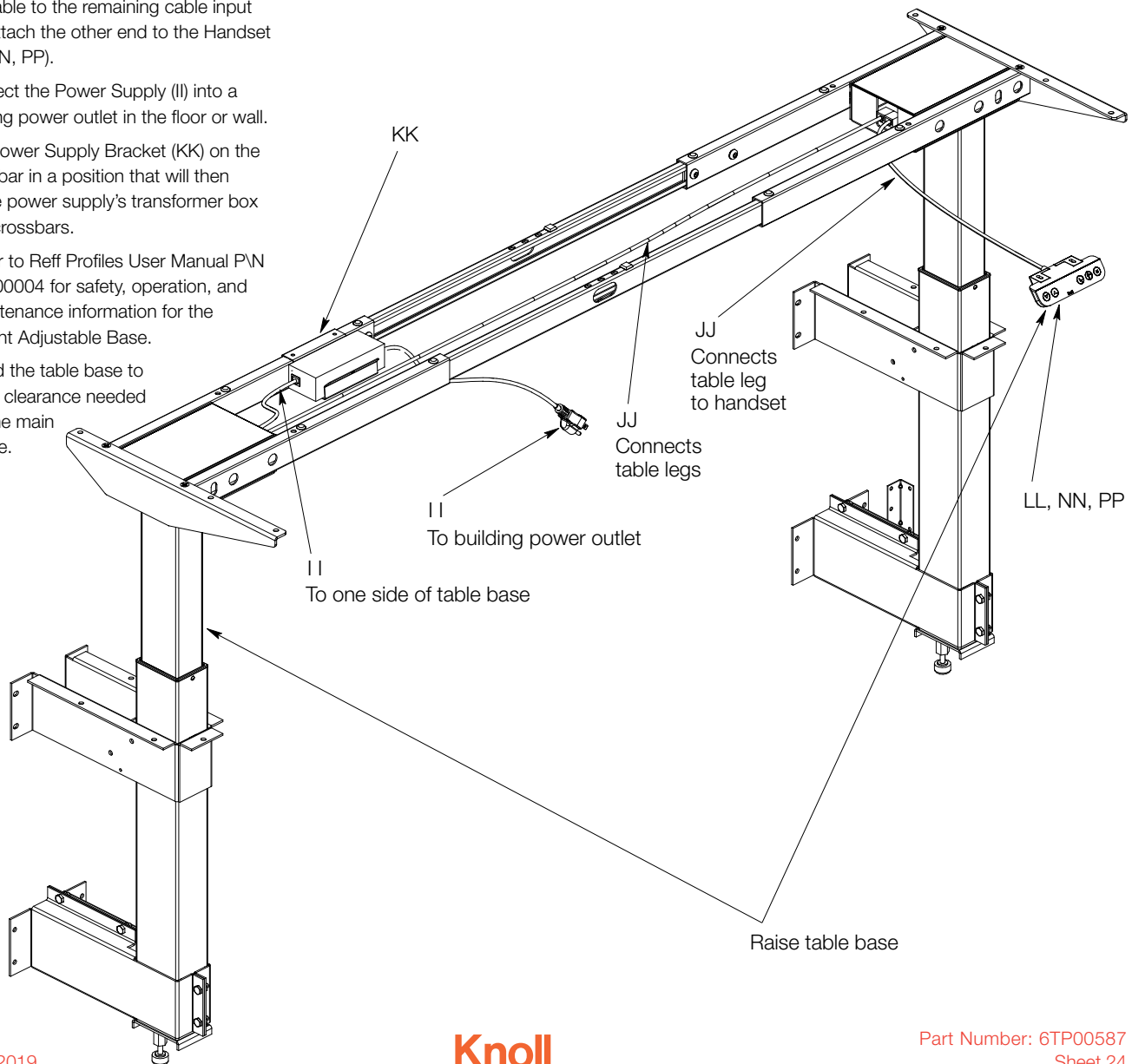
(Fig. 12)

25. 25a. Attach the Power Supply (I) to an input on one side of the table base.
 - 25b. Connect an iDrive Cable (J) from the second input on that leg to an input on the opposite column leg.
 - 25c. Connect one end of a 31" iDrive Cable (J) cable to the remaining cable input and attach the other end to the Handset (L, N, P).
 - 25d. Connect the Power Supply (I) into a building power outlet in the floor or wall.
 26. Hook the Power Supply Bracket (K) on the back crossbar in a position that will then support the power supply's transformer box within the crossbars.
- Note:** Refer to Reff Profiles User Manual P/N 6TP00004 for safety, operation, and maintenance information for the Height Adjustable Base.
27. Fully extend the table base to provide the clearance needed to attach the main worksurface.

Fig. 12

Electrify and extend base

Note: Gable components, rear brace and notched top removed for clarity

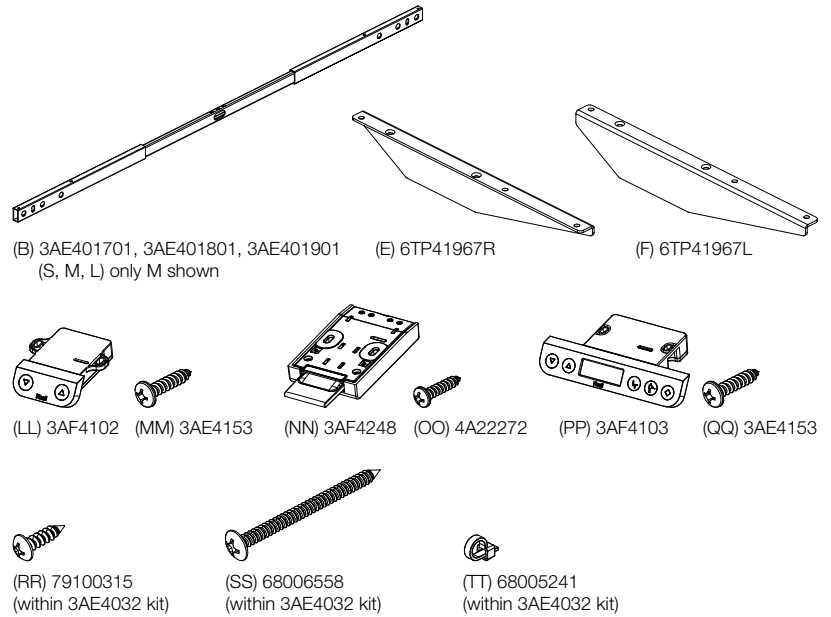


Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (B) Adjustable Width Crossbar
- (E) Cantilever Bracket, RH
- (F) Cantilever Bracket, LH
- (LL) Handset Kit, Standard, consisting of: Standard Handset
- (MM) #8 x 3/4" Pan Head Zinc Wood Screw
Or
- (NN) Handset Kit, Toggle, consisting of: Toggle Handset
- (OO) #6 x 5/8" Pan Head Zinc Wood Screw
Or
- (PP) Handset Kit, Digital, consisting of: Digital Handset
- (QQ) #8 x 3/4" Pan Head Zinc Wood Screw
- (RR) #14 x 7/8" Pan Head Wood Screw
- (SS) #10 x 2-1/2" Phillips Head Truss Wood Screw
- (TT) Cable Ties



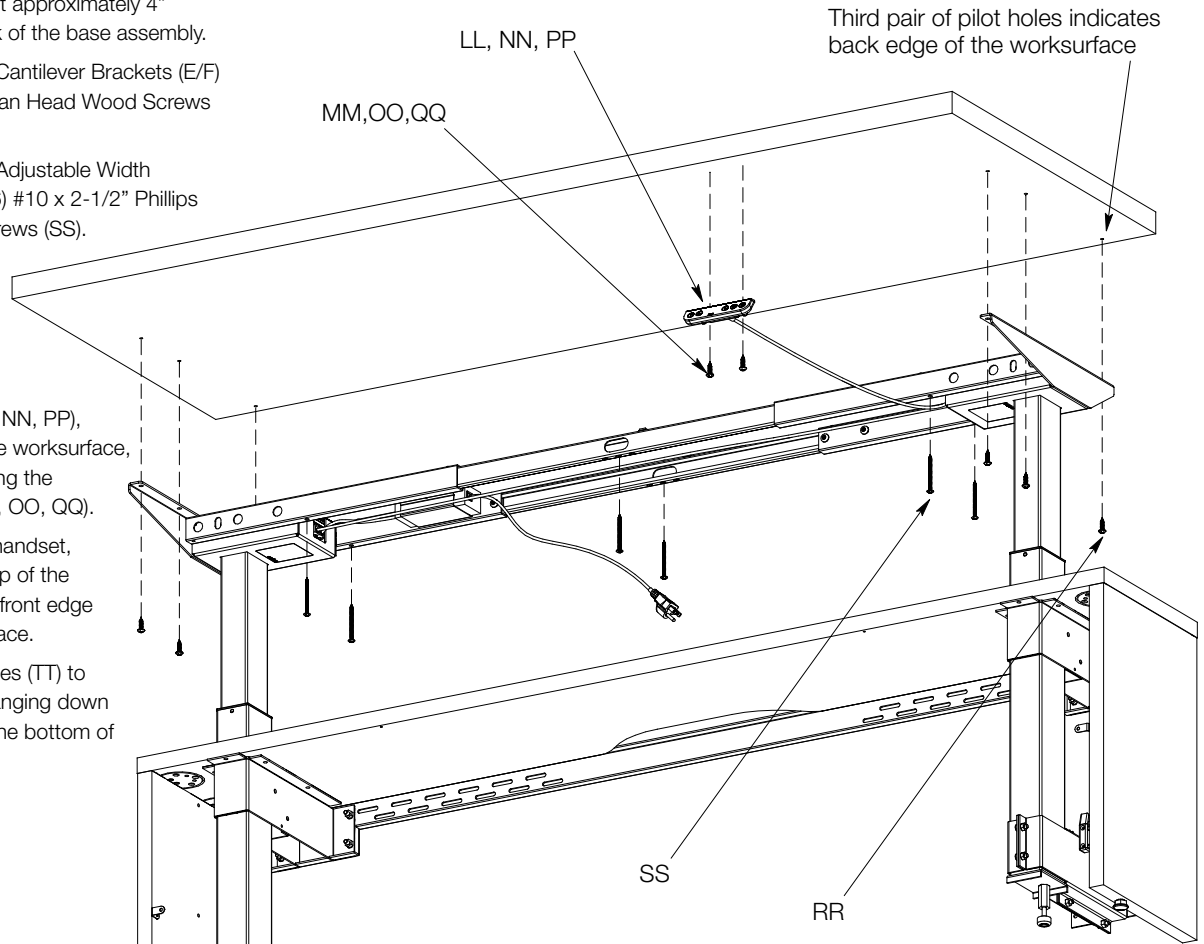
Install Worksurface Top

(Fig. 13)

28. Determine the back edge of the worksurface top by looking for the third pair of pilot holes for the cantilevers near the rear of the top. Position the top onto the base assembly, using the pilot holes as a guide. The back of the worksurface will sit approximately 4" forward from the back of the base assembly.
29. Attach the top to the Cantilever Brackets (E/F) using (3) #14 x 7/8" Pan Head Wood Screws (RR) per bracket.
30. Attach the top to the Adjustable Width Crossbars (B) using (6) #10 x 2-1/2" Phillips Head Truss Wood Screws (SS).

Fig. 13

Attach worksurface and handset



Affix Handset

(Fig. 13)

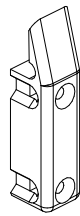
31. Affix the Handset (LL, NN, PP), to the underside of the worksurface, at the front edge, using the screws provided (MM, OO, QQ).
- Note:** For the toggle handset, align the front tip of the toggle with the front edge of the worksurface.
32. Use supplied Cable Ties (TT) to shorten any cables hanging down more than 1.5" from the bottom of the worksurface.

Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

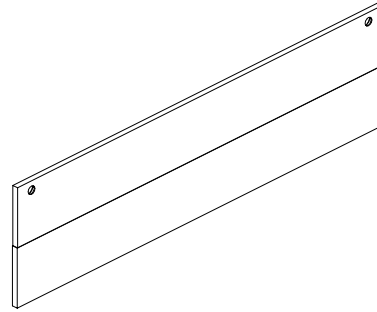
- (BB) Multi-Clip
- (CC) #8 x 1" Flat Head Wood Screw
- (UU) Hinged Frontset



(BB) 6TR41189



(CC) 5114120



(UU) Hinged Frontset (varies per width)

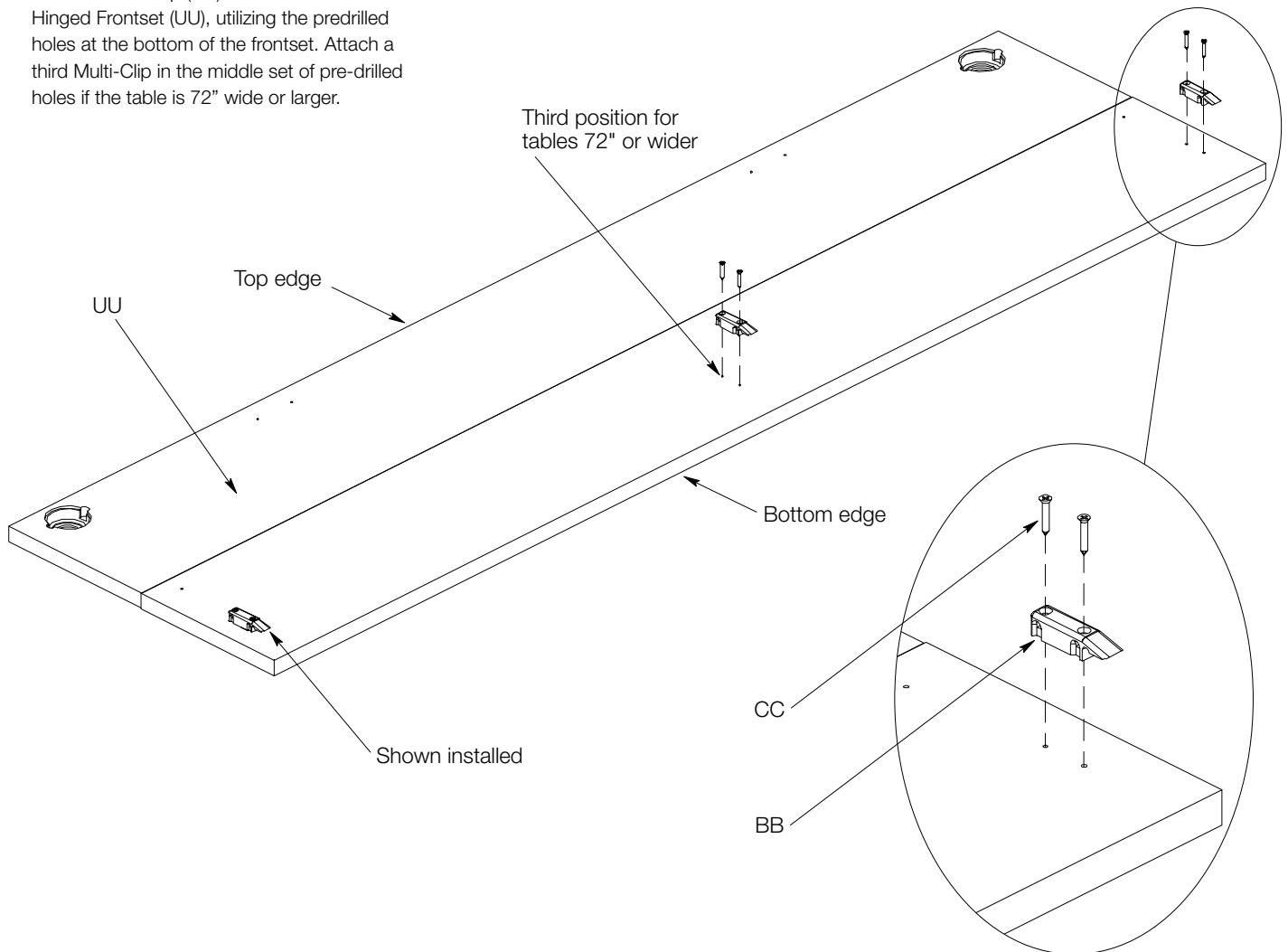
Prepare the Frontset for Attachment

(Fig. 14)

33. Lay the Hinged Frontset (UU) on its face. Use (2) #8 x 1" Flat Head Wood Screws (CC) to fasten a Multi-Clip (BB) to each end of the Hinged Frontset (UU), utilizing the pre-drilled holes at the bottom of the frontset. Attach a third Multi-Clip in the middle set of pre-drilled holes if the table is 72" wide or larger.

Fig. 14

Prepare frontset

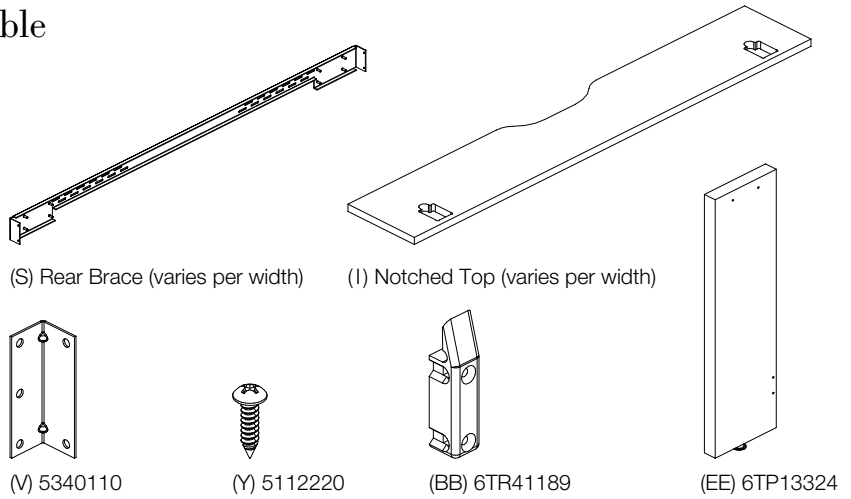


Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (I) Notched Top
- (S) Rear Brace
- (V) 1x1x3 L-bracket
- (Y) #10 x 3/4" Pan Head Wood Screw
- (BB) Multi-Clip
- (EE) Mid Gable

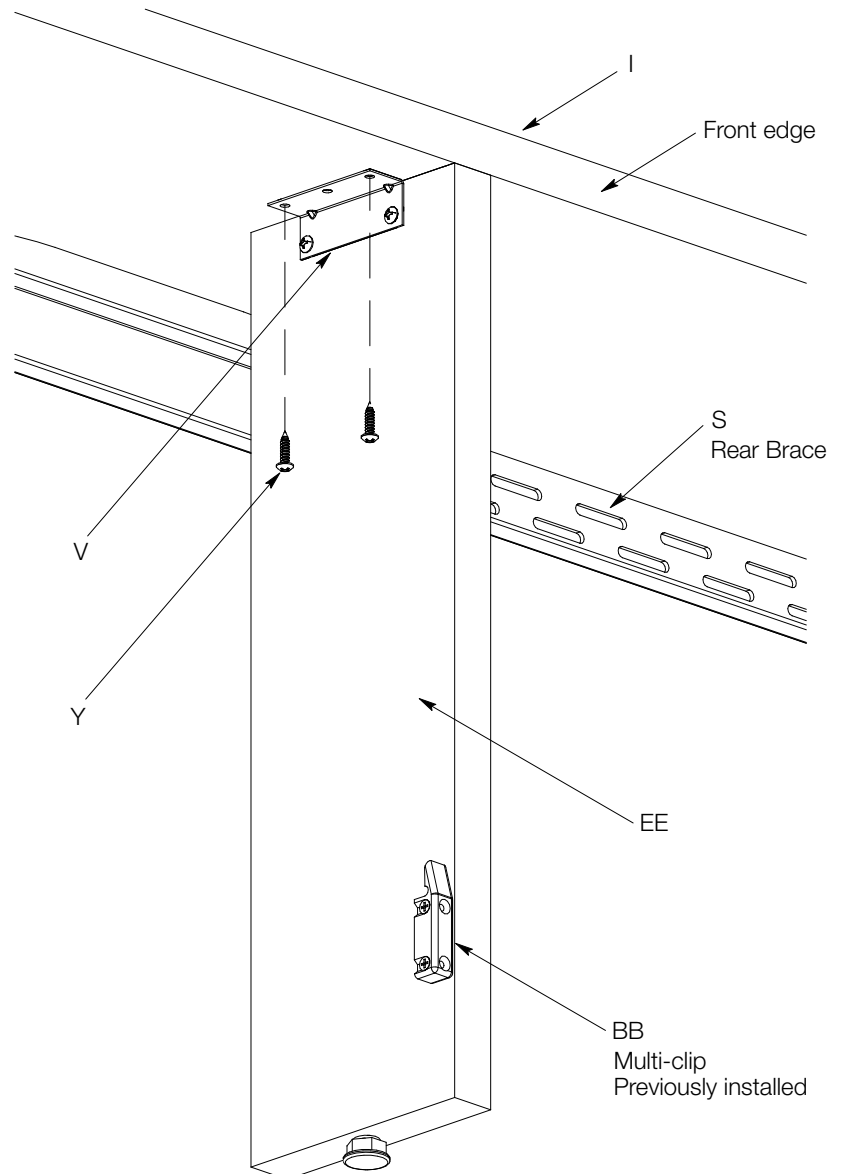


Position Mid Gable if Table is 72" or Wider. (Skip Step 34 if Table is Under 72" Wide)

(Fig. 15)

34. Position the Mid-Gable (EE) under the center front of the Notched Top (I), using the pre-drilled holes as a guide. Secure the gable to the underside of the top using (2) #10 x 3/4" Pan Head Wood Screws (Y) through the 1x1x3 L-bracket (V). Adjust the leveler under the gable, as necessary.

Fig. 15
Attach mid gable (for tables 72" or wider)

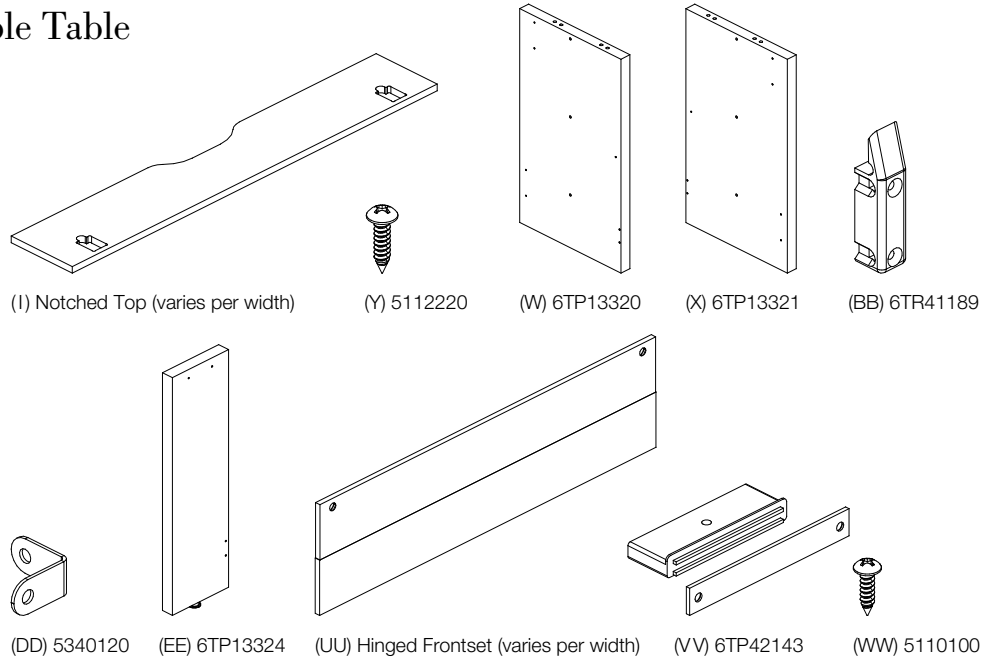


Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (I) Notched Top
- (Y) #10 x 3/4" Pan Head Wood Screw
- (W) Right Hand End Gable
- (X) Left Hand End Gable
- (BB) Multi-Clip
- (DD) 1x1x1/2" L-bracket
- (EE) Mid Gable
- (UU) Hinged Frontset
- (VV) Magnetic Catch
- (WW) #6 x 1/2" Pan Head Wood Screw



Attach Frontset

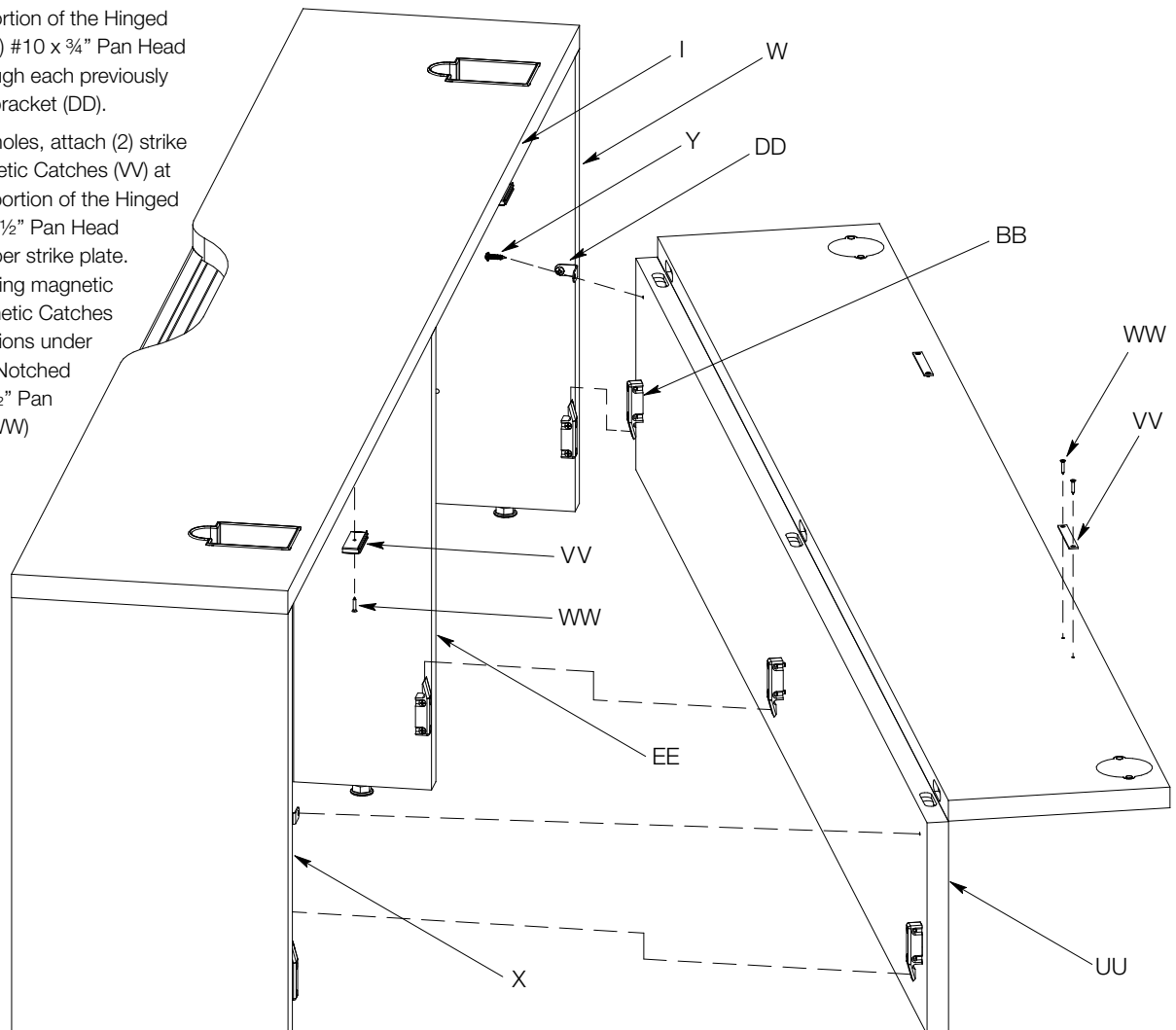
(Fig. 16)

35. Clip the Hinged Frontset (UU) onto the End Gables (W, X) (and Mid Gable (EE), if applicable) using the Multi-Clips (BB) installed in previous steps.
36. Secure the bottom portion of the Hinged Frontset (UU) using (1) #10 x 3/4" Pan Head Wood Screw (Y) through each previously installed 1x1x1/2" L-bracket (DD).
37. Using the pre-drilled holes, attach (2) strike plates from the Magnetic Catches (VV) at the top of the upper portion of the Hinged Frontset with (2) #6 x 1/2" Pan Head Wood Screws (WW) per strike plate. Install the corresponding magnetic blocks from the Magnetic Catches (VV) into aligned positions under the front edge of the Notched Top (I) with (1) #6 x 1/2" Pan Head Wood Screw (WW) per block, using the predrilled holes.

Fig. 16

Attach frontset

Note: Table base assembly removed for clarity



Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (I) Notched Top
- (W) Right Hand End Gable
- (BB) Multi-Clip
- (UU) Hinged Frontset
- (XX) Grommet Inner Sleeve
- (YY) Grommet Front Ring
- (ZZ) #8 x 3/8" Flat Head Screw
- (AAA) #8 x 1/2" Washer
- (BBB) Elbow Catch
- (CCC) #5-20 x 3/4" Flat Head Machine Screw
- (DDD) #6 x 1/2" Quad Drive Pan Head Screw

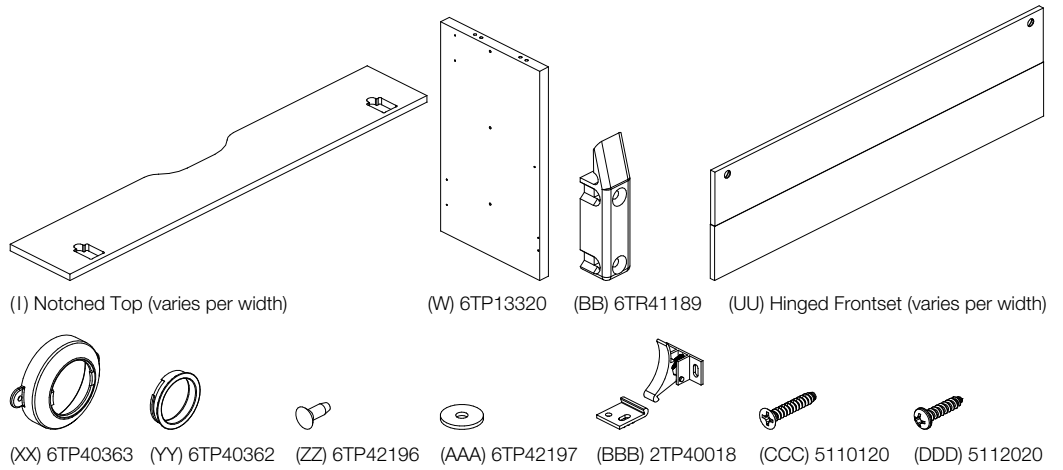


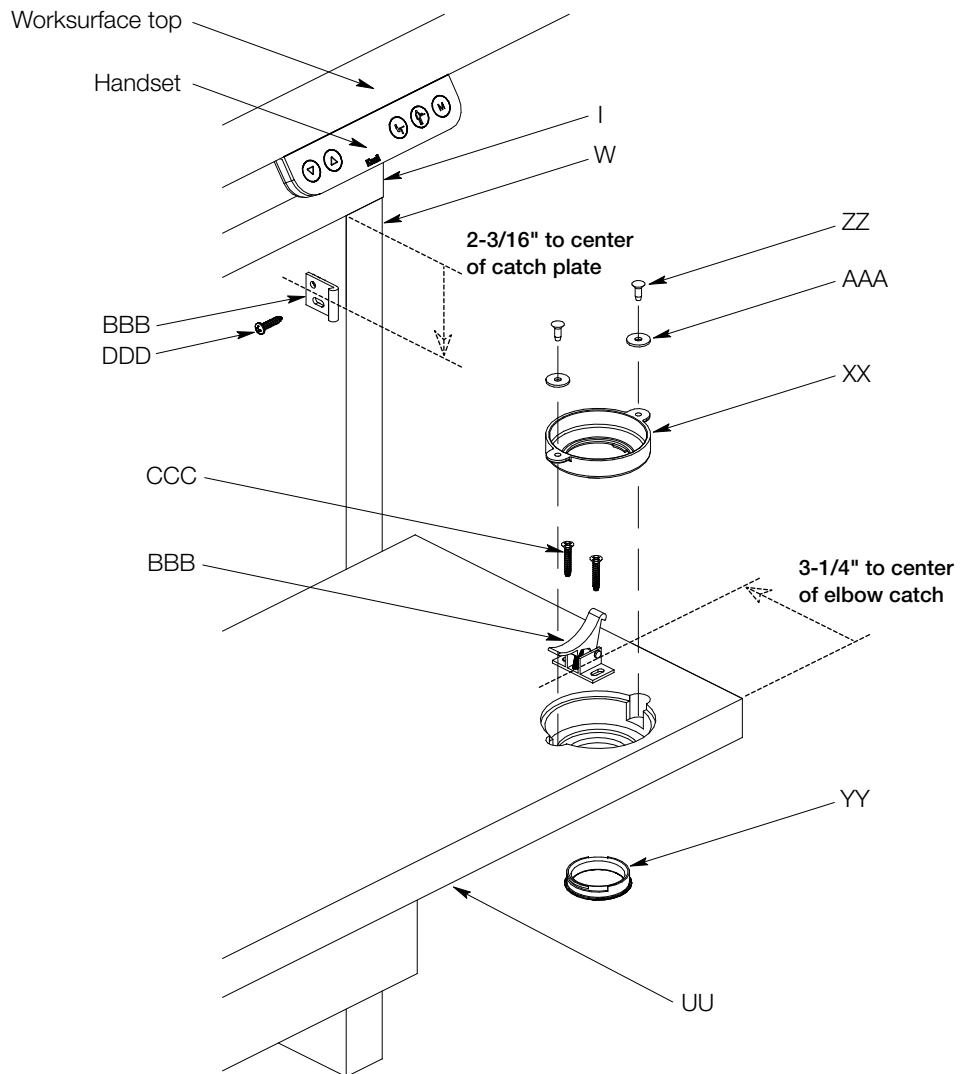
Fig. 17

Frontset grommet and elbow catch (right side)

Attach Frontset (cont.)

(Fig. 17)

38. Insert a Grommet Inner Sleeve (XX) into the right-side hole of the Hinged Frontset (UU). Attach the Grommet Front Ring (YY) and rotate to fully engage with the Grommet Inner Sleeve (XX). Complete attachment using (2) #6-32 x 3/8" Flat Head Screws (ZZ) with (2) #6 x 1/2" Washers (AAA).
39. Using the drill template provided, carefully predrill, then affix the hinged portion of the Elbow Catch (BBB) 3-1/4" down (centerline) from the top of the Hinged Frontset, near the right grommet, using (2) #5-20 x 3/4" Flat Head Machine Screws (CCC). Note: Be sure to inset the catch plate by approximately 1-1/8" (to the edge) to accommodate the end gable. Screw the corresponding catch plate into its aligned position, approximately 2-3/16" down (centerline) from the top of the end gable, using (1) #6 x 1/2" Quad Drive Pan Head Screw (DDD). The Elbow Catch (BBB) will be operated through the right-hand grommet.



Wall Mount Height Adjustable Table

Reference Number: 6TP00587

Part List:

- (UU) Hinged Frontset
- (XX) Grommet Inner Sleeve
- (YY) Grommet Front Ring
- (ZZ) #8 x 3/8" Flat Head Screw
- (EEE) Grommet Back Plate

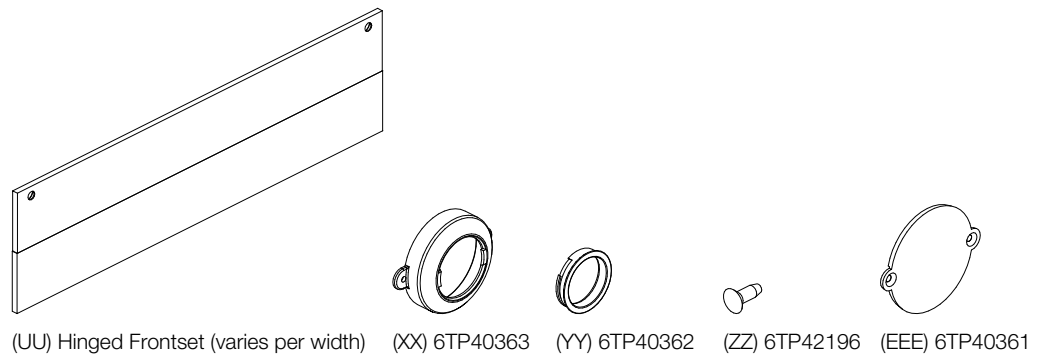


Fig. 18

Frontset grommet with back plate (left side)

Attach Frontset (cont.)

(Fig. 18)

40. Insert a Grommet Inner Sleeve (XX) into the left-side hole of the Hinged Frontset (UU). Attach the Grommet Front Ring (YY) and rotate to fully engage with the Grommet Inner Sleeve (XX). Position a Grommet Back Plate (EEE) over the Grommet Inner Sleeve and attach using (2) #6-32 x 3/8" Flat Head Screws (ZZ).

