


Tributaire Training Tables - Adjustable-Height

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Pneumatic-Adjustable Height Nesting-Top Base Tables

	This QR code links to the training video overview for Tributaire pneumatic-adjustable height nesting-top base training tables. This training video is provided as a visual guide of the assembly process and is not to be considered a replacement for any part of the instructions.
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SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

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

Read all instructions before using (this furnishing).

DANGER: To reduce the risk of electric shock:

1. Always unplug this furnishing from the outlet before cleaning or servicing.

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

1. Unplug from outlet before putting on or taking parts 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. Do not use outdoors.
5. **WARNING:** Risk of Electric Shock - Connect this furnishing to a properly grounded outlet only. See Grounding Instructions.
6. **WARNING:** Risk of Electric Shock, Fire, and Injury - Review instructions to confirm all critical components are installed and function safely.

Power Modules with 3-Prong Plug

Electrical Rating: 120V 15 A

WARNING: Risk of Injury - Maximum Load 4.7 lb per inch width.



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



This QR code links to the training video overview for Tribulaire pneumatic-adjustable height nesting-top base training tables. This training video is provided as a visual guide of the assembly process and is not to be considered a replacement for any part of the instructions.

Tribulaire Training Tables - Adjustable-Height Overview

Note: The beginning of this instruction is divided into four separate sections, each explaining how to assemble a specific adjustable-height Tribulaire training base type. Reference the following sections below based on the unit being assembled: Reference page 4 for pneumatic-adjustable height nesting-top base tables, page 17 for pneumatic-adjustable height fixed-top base tables, page 26 for screw-adjustable height nesting-top base tables, or page 33 for screw-adjustable height fixed-top base tables.

Pneumatic-Adjustable Height Nesting-Top Leg Assembly (Leg Kit Item #JPN24)

1. Carefully remove contents from shipping packing and identify parts and hardware supplied. **DO NOT cut zip-ties around the nesting-table support assembly until instructed to at a later step (Page 7, Detail I).**

Note: The two pneumatic-adjustable nesting-top legs, when assembled together with the stringer between them are designed to have a smaller gap between the back feet, and have a larger gap between the front feet, which must be oriented to the front, "user side" of the table when the bases are assembled to the tabletop.

2. Carefully stand the two pneumatic-adjustable legs to the upright position with stringer attachment brackets facing each other as illustrated. Orient the legs so the stringer attachment brackets on each leg post are inline to each other, then identify the side of the leg pair that has a larger gap between the feet. The side with the larger gap is the user side and eventually will be placed at the user side of the tabletop (Figure 1 & Detail A).

3. If the table being assembled is a caster leg unit, proceed to "Caster Installation" instructions on this page,

otherwise proceed to "Telescopic Glide Installation" instructions on this page.

Caster Installation

Note: Casters are designed as locking, and non-locking. Each type must be installed to the appropriate side of a table leg, as it corresponds to either the user, or non-user side of the table. Take care and follow directions below when positioning legs for caster assembly. If casters are not installed to the proper locations, users will not be able to properly access the locks on the casters from the user side of the table, and disassembly and reassembly will be required.

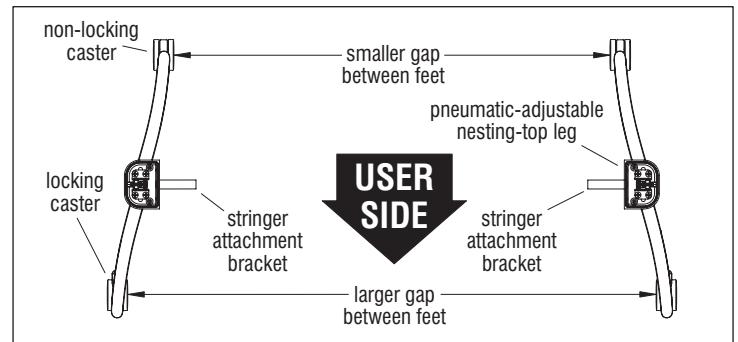
4. Locate the locking and non-locking casters. Locking casters are to be installed to the front, user side of each leg, and non-locking casters are to be installed to the rear of each leg. Press in fully to install the stem of one locking and one non-locking caster into the caster mounting holes at the underside of each foot (Figure 1).

5. Proceed to "Stringer Installation" instructions on the next page.

Telescopic Glide Installation

6. Press in fully to install the stem of two telescopic glides into the mounting holes at the underside of each foot (Figure 1).

7. Proceed to "Stringer Installation" instructions on the next page.



Detail A - (top view)

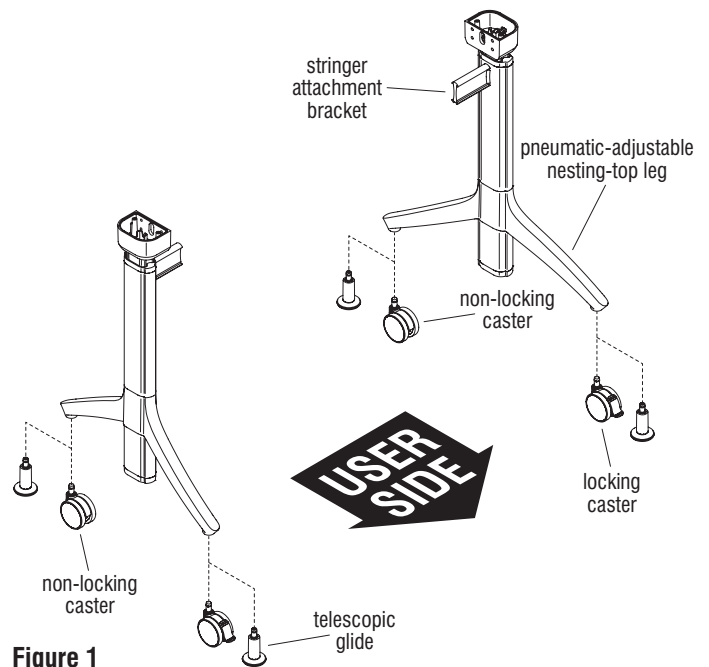
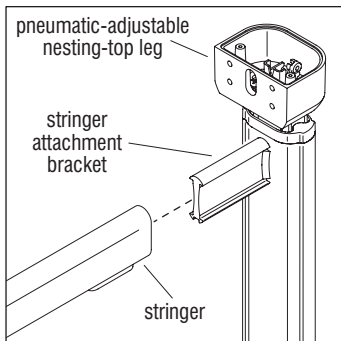


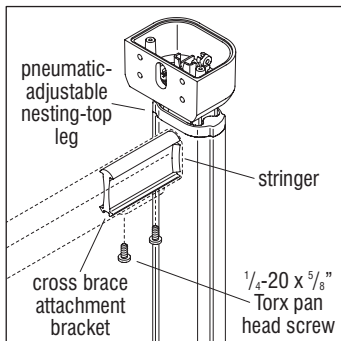
Figure 1



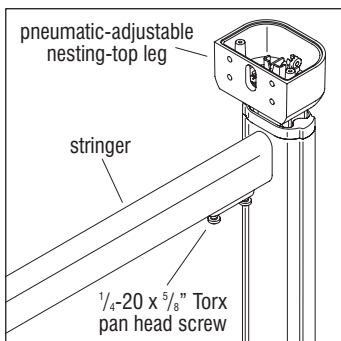
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail B



Detail C



Detail D

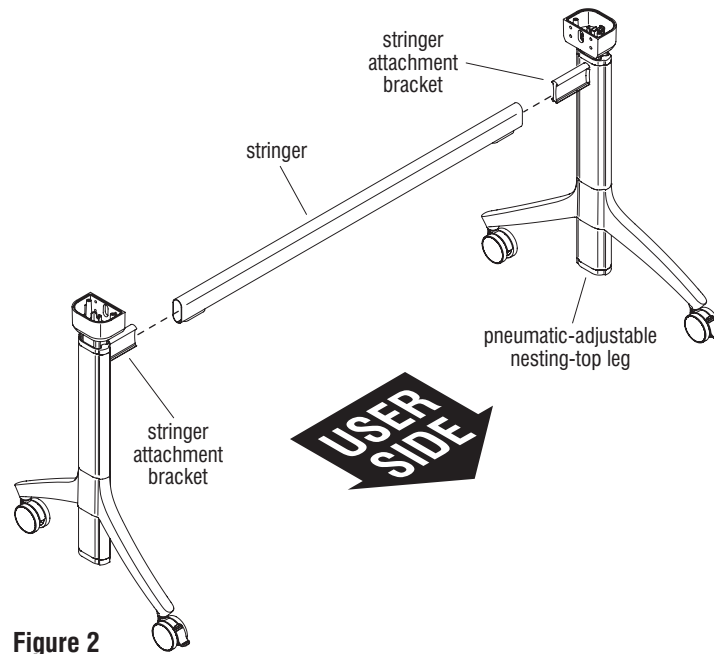


Figure 2

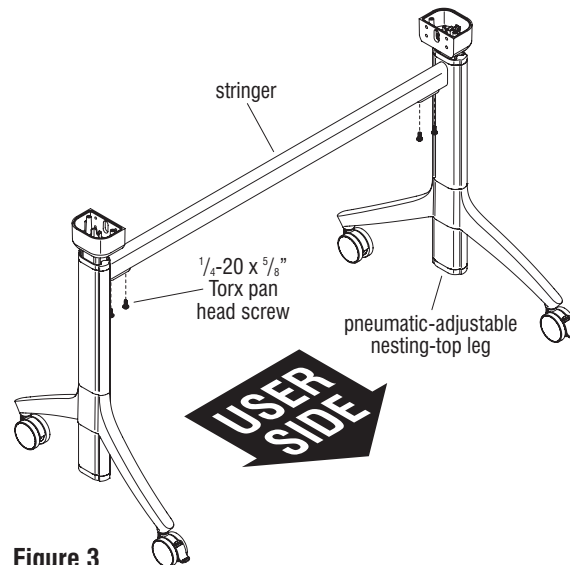


Figure 3

Stringer Installation

8. Orient the stringer so the side with two mounting holes on each end is on the underside of the stringer (Figure 2).
9. One leg at a time, insert the stringer attachment bracket into an available open end of the stringer, making sure the mounting holes are on the bottom of each end of the stringer. If the stringer is not positioned correctly for installation, disassembly and reassembly will be required (Figure 2 & Detail B).
10. From underneath, one side at a time, align the stringer mounting holes with the stringer attachment bracket mounting holes, and loosely twist in two $1/4-20 \times 5/8$ inch Torx screws into the mounting holes. Leave a gap between the screw heads and the brace, and **do not tighten screws at this time**. Repeat the step above to loosely attach the stringer to the opposite leg's stringer attachment bracket (Figure 3 & Details C & D).



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Nesting Support Assembly Installation

11. Carefully place the nesting support assembly on a soft, protective surface (Figure 4).

WARNING: The nesting support assembly consists of two spring-loaded mechanisms, one on each end of an actuating rod. Each spring-loaded mechanism is latched, and for safety is secured in the closed position with a zip-tie to prevent the mechanisms from flipping open if the tabletop lock paddles are accidentally engaged during shipment. Care must be taken when removing the zip-ties.

Assure that both nesting mechanisms are pressed closed and latched, and do not actuate the tabletop lock paddles before cutting zip-ties.

12. While facing the user side of the nesting support assembly, one side at a time, press down firmly on the top of the spring-loaded mechanism on the user side of the plate, then cut the zip-tie with a wire cutter and pull it out. While holding the mechanism down firmly, gently lift on the tabletop lock paddle, and release the holding pressure to open that side of the mechanism. Repeat the process for carefully cutting and removing the zip-tie, then actuating the tabletop lock paddle to open the mechanism at the other end of the support assembly. Take care to not actuate the tabletop lock paddles while cutting, which may release the spring-loaded mechanism quickly and cause personal injury (Figure 4 & Details E & F).

13. Position the opened nesting support mechanism above the two mounting heads, making sure the opening is facing the user side of the table assembly as illustrated. With the assistance of a second person, have one person carefully lower the opened spring-loaded mechanisms in between the two mounting heads, aligning the four lower hinge plate mounting holes

with the four side mounting head mounting holes, while the second person follows step 14 below (Figure 5 & Detail G).

14. With the mounting head and lower hinge plate mounting holes aligned, from inside the lower hinge plate, have the second person secure each lower hinge plate to the side of the mounting head using the top

two holes and two 1/4"-20 x 3/4" Phillips flat head screws. Using drill extensions longer than 7" with a Phillips tip at the side of the lower hinge plate access holes, finish securing the lower hinge plate to the mounting head using two 1/4"-20 x 3/4" Phillips flat head screws in the two bottom holes (Detail H).

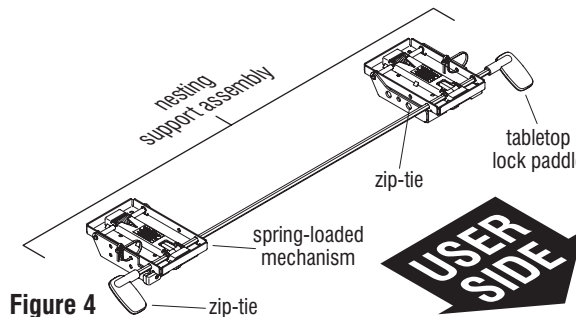


Figure 4

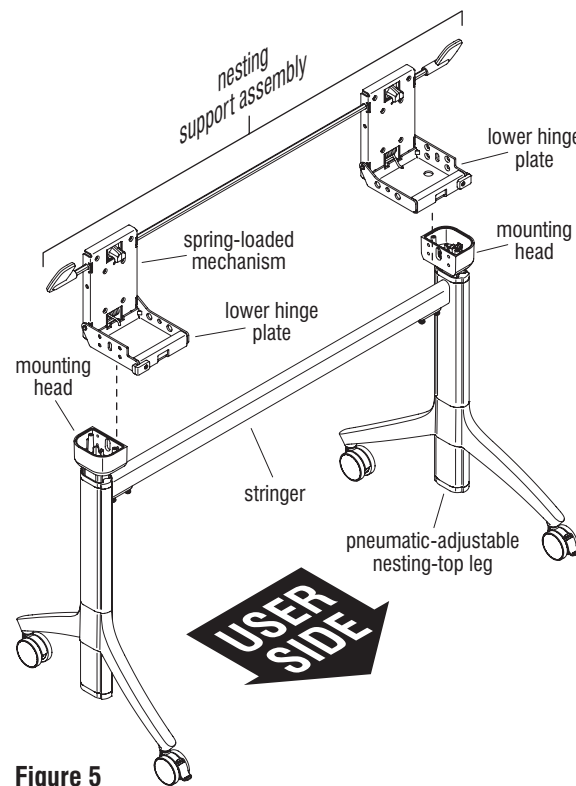
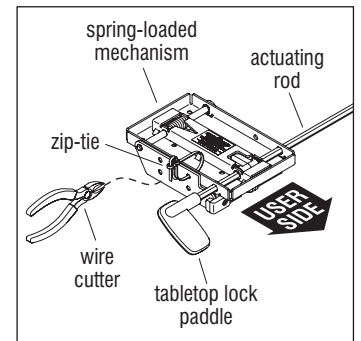
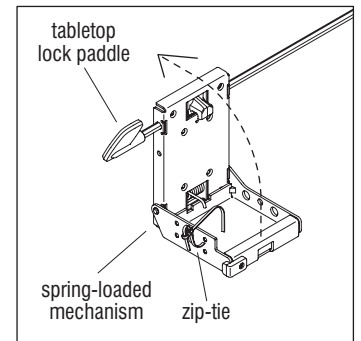


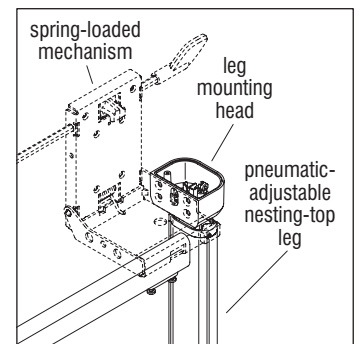
Figure 5



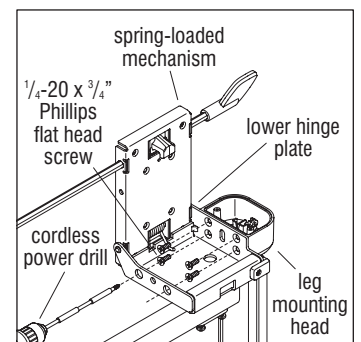
Detail E



Detail F



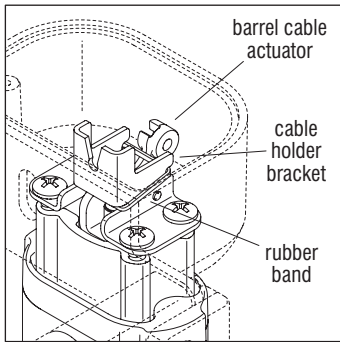
Detail G



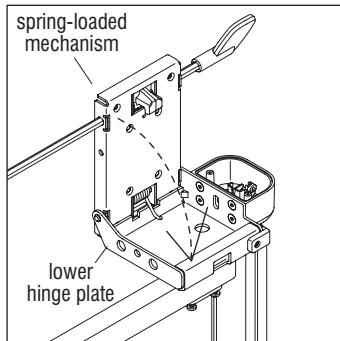
Detail H



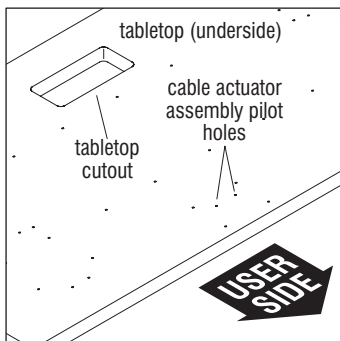
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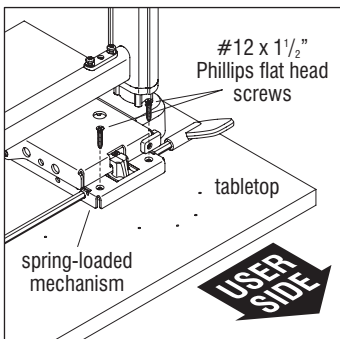
Detail I



Detail J



Detail K



Detail L

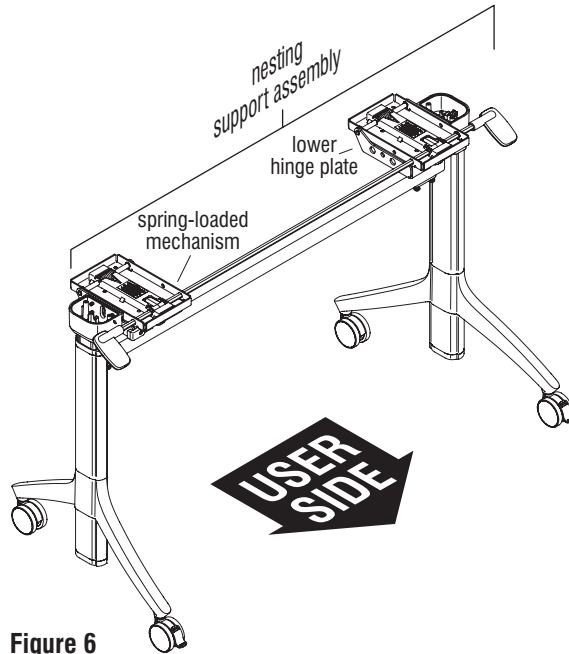


Figure 6

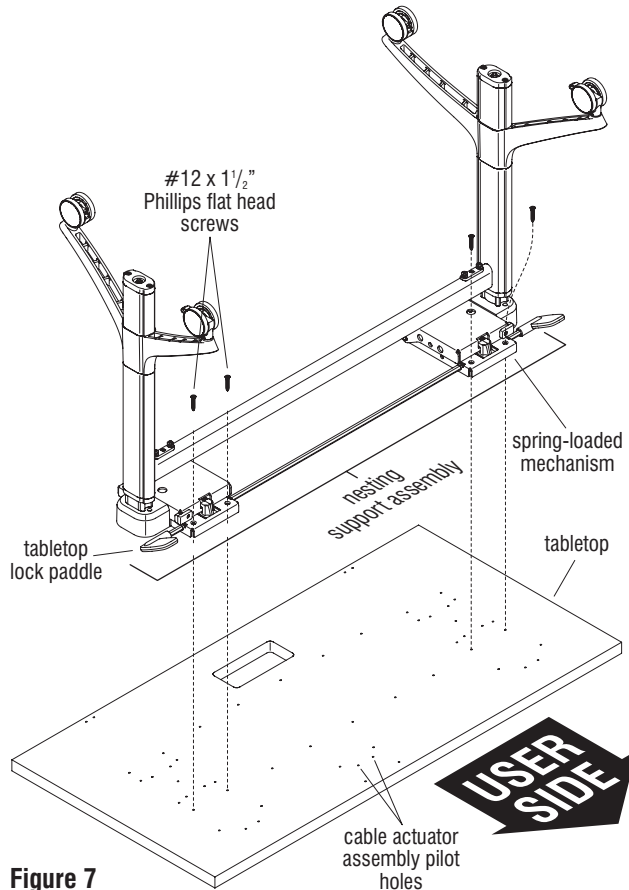


Figure 7

WARNING: Use caution when handling the barrel cable actuators. If the barrel cable actuator presses down onto the cylinder release button on top of the table lift cylinder, the cylinder will rise, and must be lowered back down. If this occurs, reference "Lowering Pneumatic-Adjustable Leg Cylinder" instructions on page 49.

15. Remove the rubber band around the cable holder bracket preventing the barrel cable actuator from pressing down onto the cylinder release button (Detail I).
16. Carefully close and latch both spring-loaded mechanisms down onto the lower hinge plates (Figure 6 & Detail J).
17. Carefully place the tabletop upside down on a soft, protective surface. Take note that the "user side" of the tabletop has a pilot hole pattern for the cable actuator assembly near the front edge, at the center. Carefully position the nesting support assembly onto the tabletop with the tabletop lock paddles and wider spread of the legs oriented to be facing the user side of the table, as illustrated (Figure 7 & Detail K).

WARNING: For the next step, when securing the leg attachment brackets to the lower hinge plates, **DO NOT** touch the tabletop lock paddles as they may accidentally engage and cause the spring-loaded mechanisms to flip up causing personal injury.

18. Align the two mounting holes on the front of each spring-loaded mechanism of the nesting support assembly to the corresponding pre-drilled holes at the underside of the tabletop, then secure into each pre-drilled hole a #12 x 1/2" Phillips flat head screw. Do not over-tighten (Figure 7 & Detail L).

■ **Tributaire™ Collection - Pneumatic-Adjustable Height Nesting-Top Base Training Tables**
 Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Nesting Support Assembly Installation (cont.)

19. Align the two mounting holes on the back of each spring-loaded mechanism of the nesting support assembly to the corresponding pre-drilled holes at the underside of the tabletop, then secure into each pre-drilled hole a #12 x 1½" Phillips flat head screw. Do not over-tighten (Figure 8 & Detail M).
20. Press the tabletop lock paddles down and gently lower the pneumatic-adjustable legs down to gain access to the center group of spring-loaded mechanism mounting holes (Figure 9).
21. With the four center mounting holes on each spring-loaded mechanism of the nesting support assembly aligned with the mounting holes on the tabletop underside, secure the mechanism to the tabletop using four #12 x 1½" Phillips flat head screws per mechanism. Do not over-tighten (Figure 9 & Detail N).

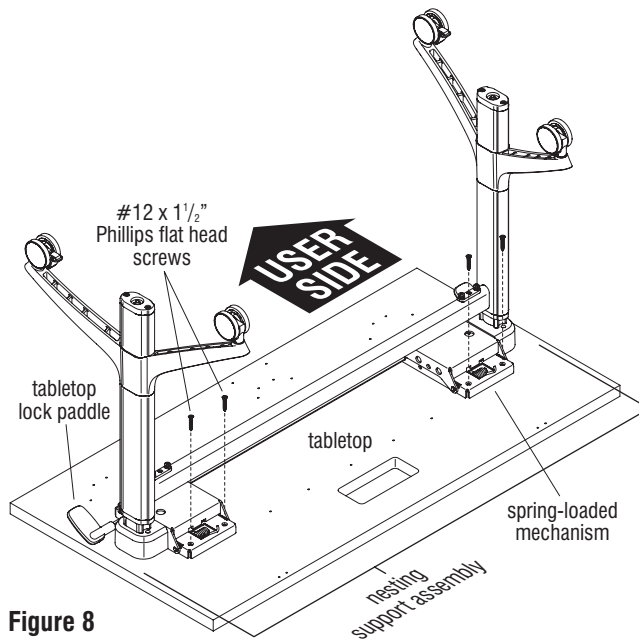
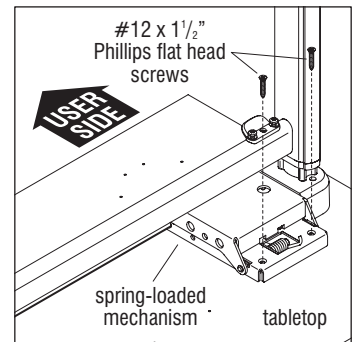
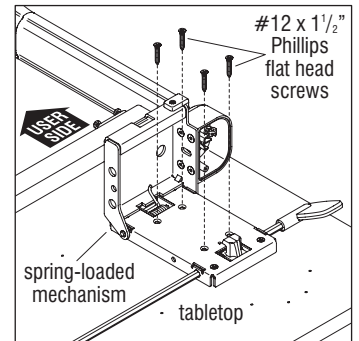


Figure 8



Detail M



Detail N

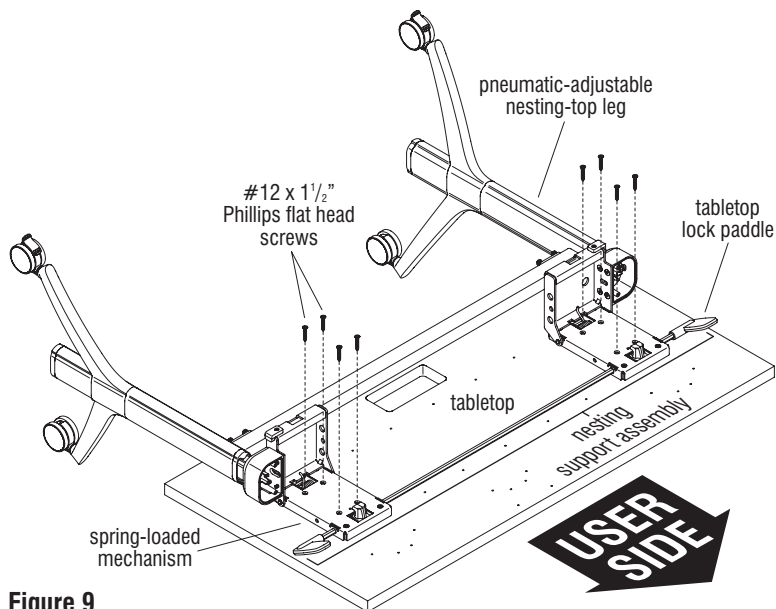


Figure 9



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Cable Trough Installation

22. Position the cable trough over the tabletop's actuating rod as illustrated, with the two smaller rectangular openings in the trough facing the user side of the table. Align the cable trough mounting holes with the pre-drilled holes in the underside of the tabletop, and secure using ten #10-16 x 5/8" Phillips tapping screws. Do not over-tighten (Figure 10).
23. Carefully flip up the leg assembly to close the spring-loaded mechanisms, then turn the table to the upright position.

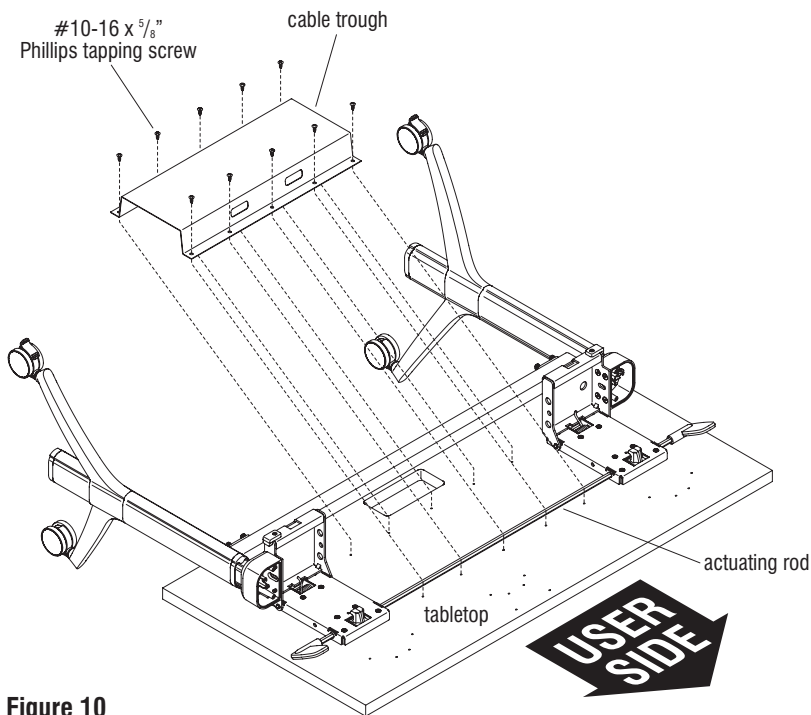


Figure 10



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Cable Actuator Installation

24. At this time the table should be on its feet in the upright position with the tabletop oriented as illustrated in the vertical nesting position. If the tabletop is not rotated up, press up on a tabletop lock paddle to rotate the tabletop into the vertical nesting position (Figure 11).
25. Locate the cable actuator assembly with two release cables attached. At the actuator bracket, twist each top M8 nut up onto the top threads of the release housing (hex end), only enough to hold the top of each cable housing in place on the actuator bracket. Once each top M8 nut has been adjusted up, thread the bottom M8 nuts all the way down on each cable housing threads (Detail O).
26. Align the mounting holes of the cable actuator assembly with the pre-drilled holes on the underside of the tabletop and secure using two #10 x 5/8" Phillips tapping screws (Figure 11 & Detail P).
27. Guide the barrel end of each cable into the smaller rectangular opening on the cable trough, closest to the cable actuator assembly. Then route the barrel end of the release cable in the leftmost hole on the actuator bracket out the left end of the cable trough, and the rightmost cable's barrel end out the right end of the cable trough (Figure 11 & Details Q & R).

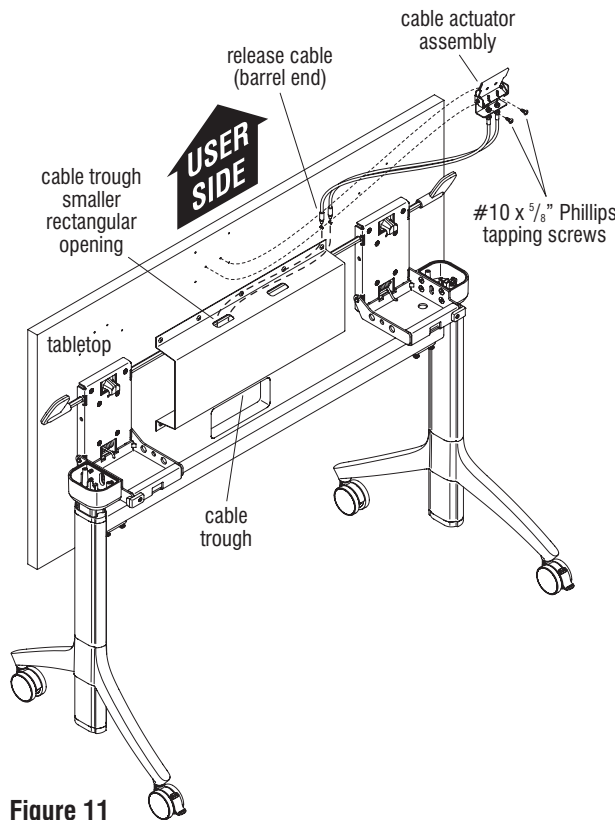
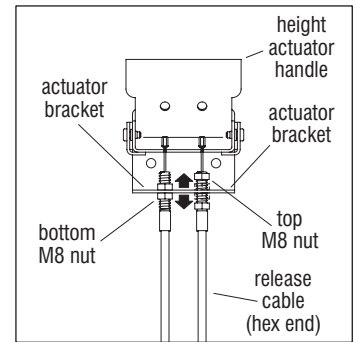
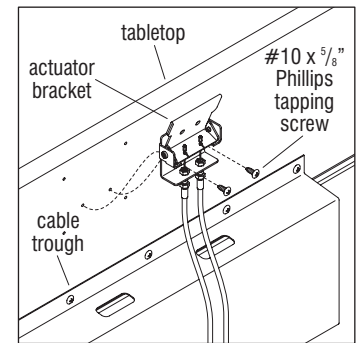


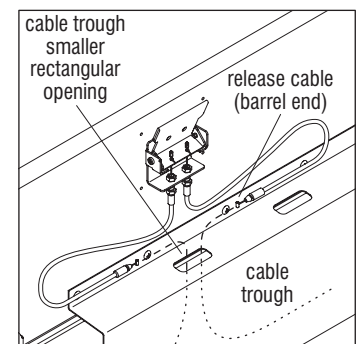
Figure 11



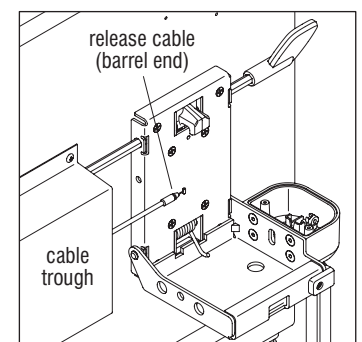
Detail O



Detail P



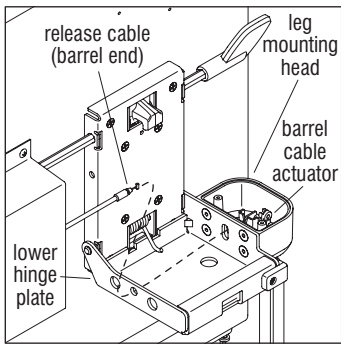
Detail Q



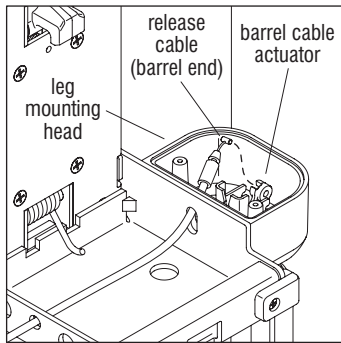
Detail R



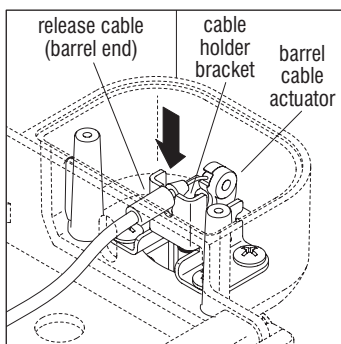
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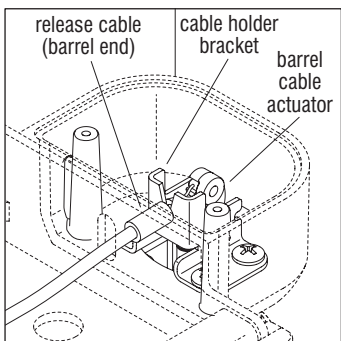
Detail S



Detail T



Detail U



Detail V

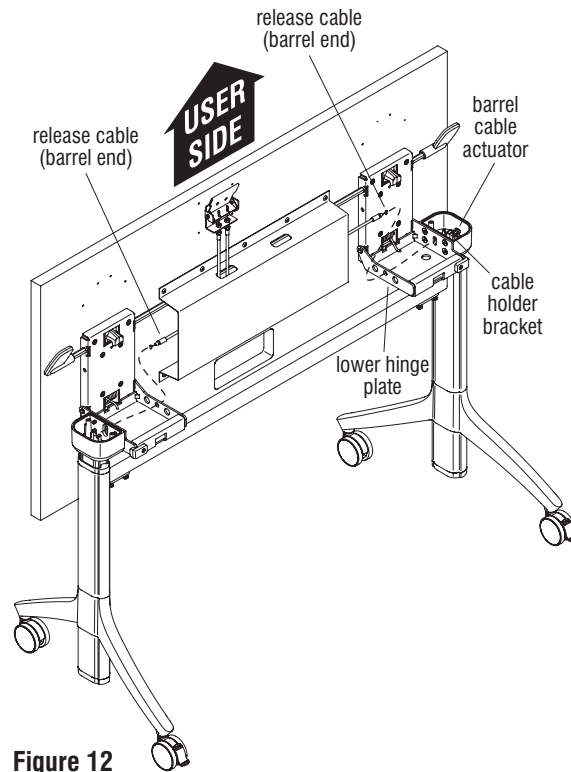


Figure 12

28. Route the barrel end of one release cable through the center round hole located on the side of the lower hinge plate, then through the pill-shaped hole on the opposite side of the lower hinge plate that leads into the mounting head. Continue to route the barrel end of the release cable into the mounting head until the barrel end reaches the barrel cable actuator (Figure 12 & Detail S).
29. Insert the barrel end of the release cable into the housing slot on the barrel cable actuator (Detail T).
30. With the barrel end engaged in the barrel cable actuator, press the plastic end of the release cable into the cable holder bracket by snapping the notch of the cable's plastic end into the cable holder bracket as illustrated. If the release cable will not snap into the cable holder bracket, tap lightly with a rubber mallet until the plastic end snaps into the holder (Details U & V).
31. Repeat steps 28 through 30 to secure the second release cable to the opposite-side barrel cable actuator and cable holder bracket.

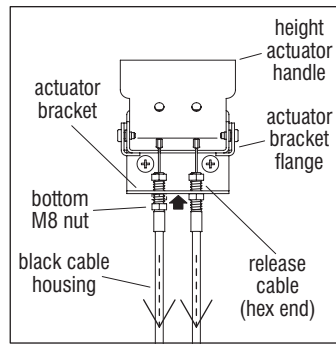
■ **Tributaire™ Collection - Pneumatic-Adjustable Height Nesting-Top Base Training Tables**
 Assembly Instructions



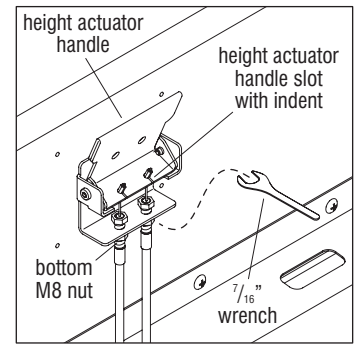
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Cable Actuator Installation (cont.)

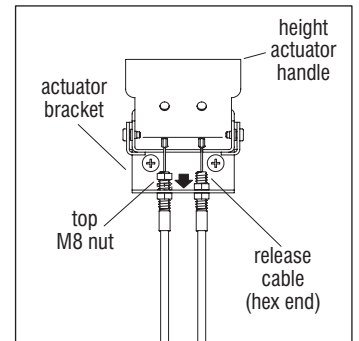
32. Gently pull down on each black cable housing under the cable actuator assembly to assure the hex ends are nested snugly in the actuator handle, and the actuator handle is also pulled down tight to the top flanges of the actuator bracket. Then twist each bottom M8 nut upward, finger-tight against the actuator bracket, to assure the cable's hex end is snug and nested in the conical indent of the handle (Detail W).
33. After the bottom M8 nuts are finger tight to the actuator bracket, tighten each bottom nut an **additional one-quarter to one-half of a turn using the 7/16" wrench** provided (Detail X).
34. Next, twist each top M8 nut downward, finger tight to the actuator bracket. Then, one nut at a time, using the first 7/16" wrench provided, tighten each top nut one-quarter to one-half of a turn to secure (Details Y & Z).
35. Carefully close the spring-loaded mechanisms by folding the tabletop down from the nesting position to be level (Figure 13).
36. Locate the height actuator handle at the front, user side of the table and raise the table about half the height of the table fully extended. At this time, secure the stringer to the stringer attachment bracket by fully tightening two 1/4"-20 x 5/8" Torx head screws on the underside of the stringer, at each end (Figure 14 & Detail A2).



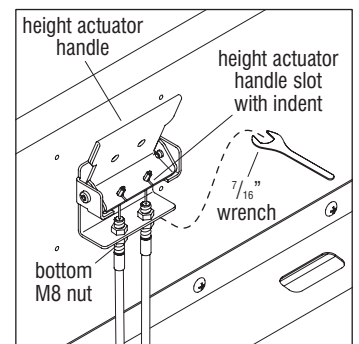
Detail W



Detail X



Detail Y



Detail Z

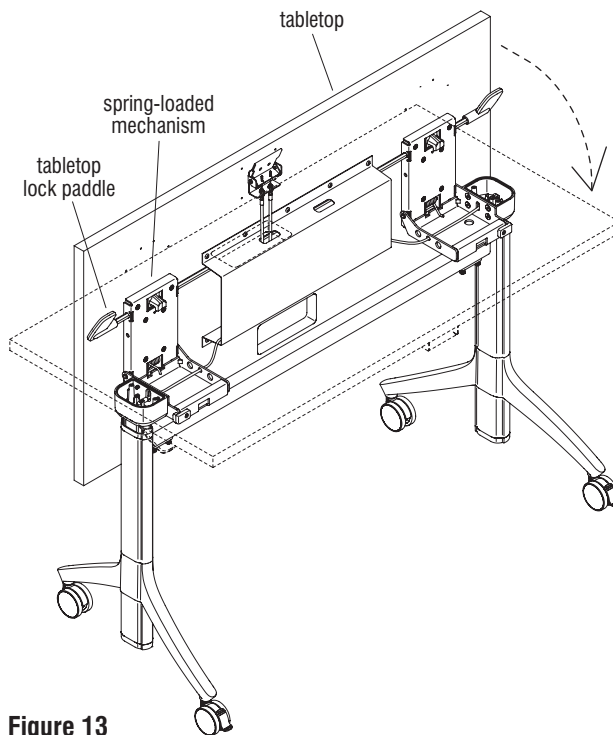
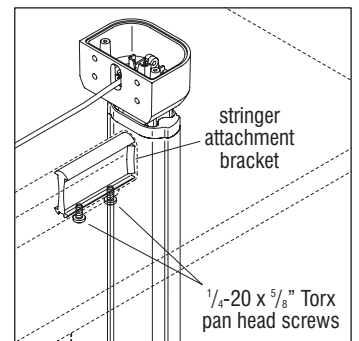


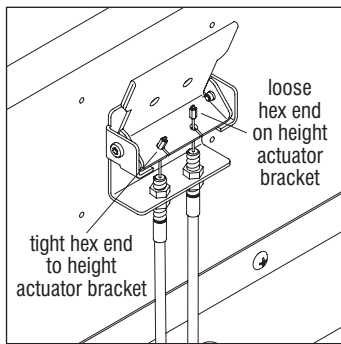
Figure 13



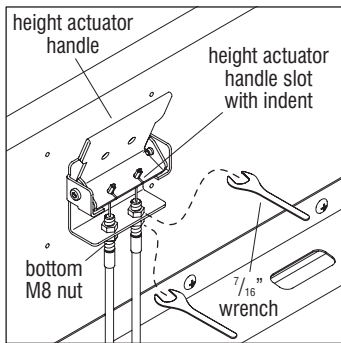
Detail A2



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail B2



Detail C2

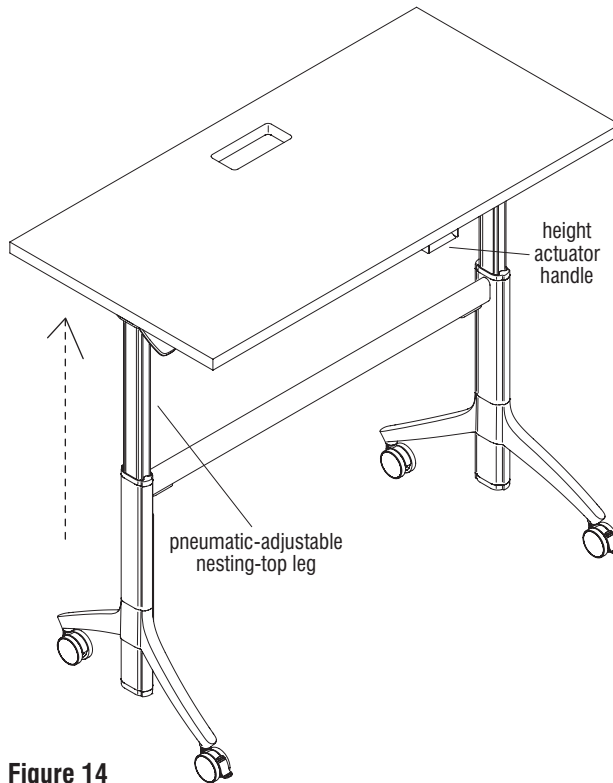


Figure 14

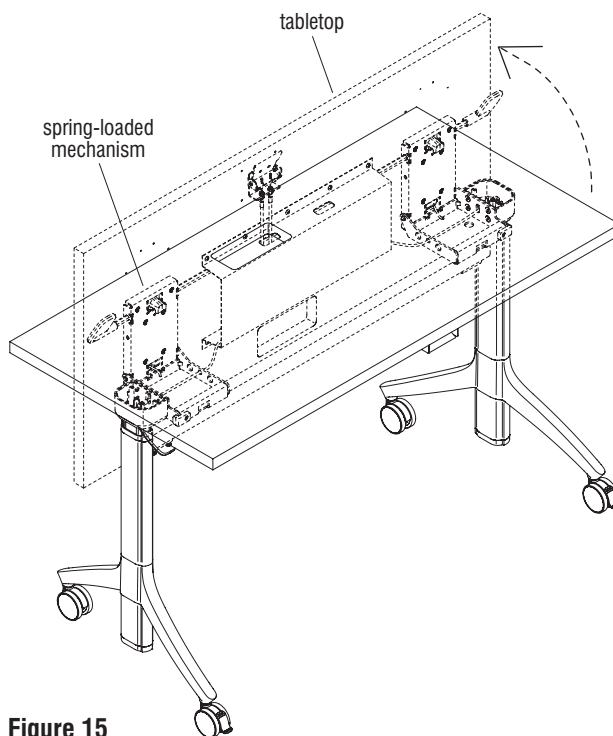


Figure 15

Testing Table Height-Adjustability

Test 1 - Automatic Height Test

37. Locate the height actuator handle at the front, user side of the table and press the handle up to automatically raise the table height (Figure 14). Then press the handle again, apply pressure down on the tabletop to test that it lowers evenly. If the table raises and lowers evenly, no additional adjustment is required. If the table does not automatically raise when the handle is pressed, one or both cable's hex ends are loose, and require additional adjustment to add more tension. If adjustments are required, proceed to step 38 below. If no adjustments are required, proceed to "Test 2 - Leg Stability Test" instructions on the next page.

38. Begin "Test 1" adjustments by lifting a tabletop lock paddle and rotate the tabletop into the nesting position to gain access to the height actuator handle and cables (Figure 15). Inspect the hex ends of both cables in the actuator handle slots and conical indent and identify if one or more are not nested properly, and handle is not tight (Detail B2). Loosen the appropriate top M8 nut using the 7/16" wrench provided while pulling down on the black cable housing and twist the nut up as much as required. Holding the cable housing down, twist the bottom nut up finger tight, enough to assure that the hex cable end is seated correctly into the conical indent of the actuator handle, and the handle is tight down against the actuator bracket. Use the 7/16" wrench to turn the bottom M8 nut one-quarter to one-half of a turn more to tighten (Detail C2). Check to assure the cables are tight, or repeat the above process.



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Test 2 - Leg Stability Test

39. Locate the height actuator handle at the front, user side of the table and press the actuator handle up, to automatically raise the table height at least four inches (Figure 16). One side at a time, push down on the raised tabletop over each side's pneumatic-adjustable leg (Detail D2). If pressing down on each end does not cause the tabletop to lower at one of the ends, no adjustment is needed. If the tabletop lowers on one side with pressure, one or more cables is adjusted too tight, and readjustment is required. If adjustments are required, proceed to step 40 below. If no adjustments are required, proceed to the next page.
40. Begin "Test 2" adjustments by lifting a lock paddle and rotate the tabletop into the nesting position to gain access to the height actuator handle and cables (Figure 17). At the side of the table which could be pressed down with the table raised, locate the appropriate cable housing and M8 nuts to lessen that cable tension. Using the $\frac{7}{16}$ " wrench, loosen the bottom M8 nut one-quarter to one-half of a turn, or until tension releases. Then, twist the top M8 nut down finger tight and use the $\frac{7}{16}$ " wrench to turn the nut one-quarter to one-half turn more to tighten it (Detail E2). Rotate the tabletop down to the use position, press the height actuator handle to raise the table, and test the side that was adjusted to see if it lowers with pressure. If it does not lower, no more adjustment is required, but if it does lower, repeat step 40 above.

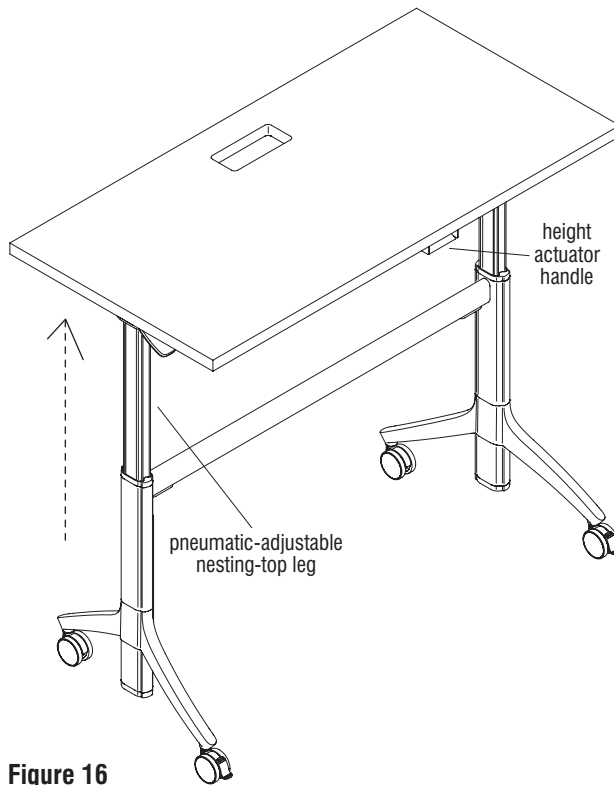
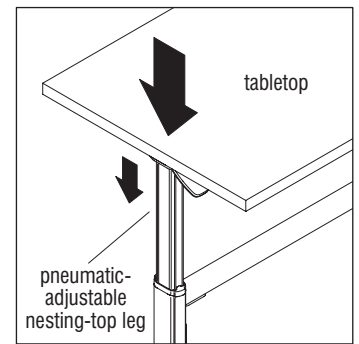
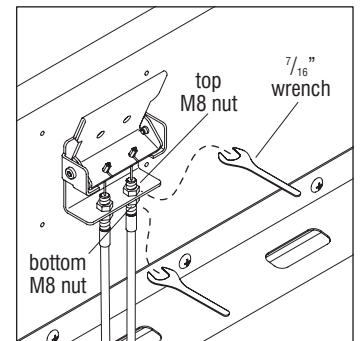


Figure 16



Detail D2



Detail E2

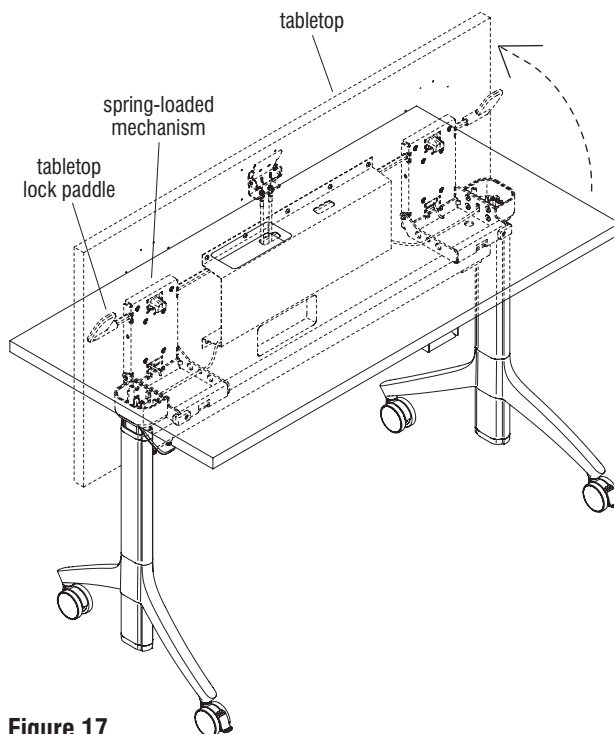


Figure 17



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

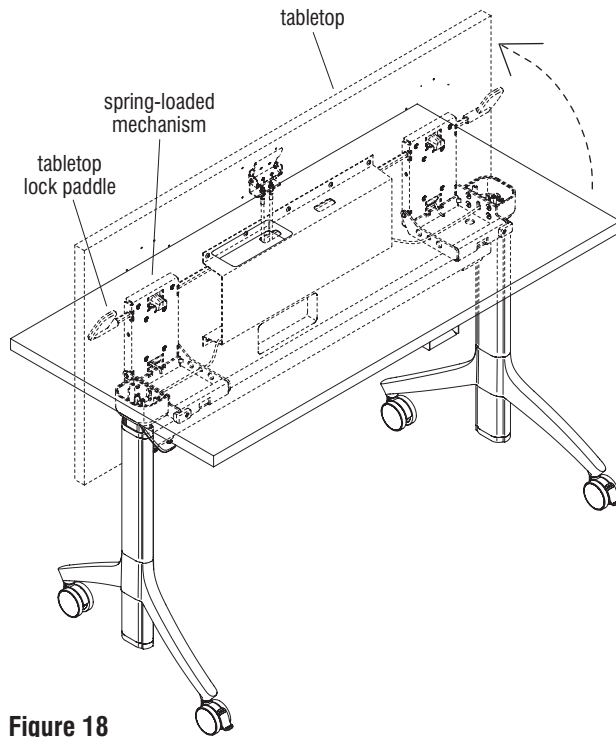


Figure 18

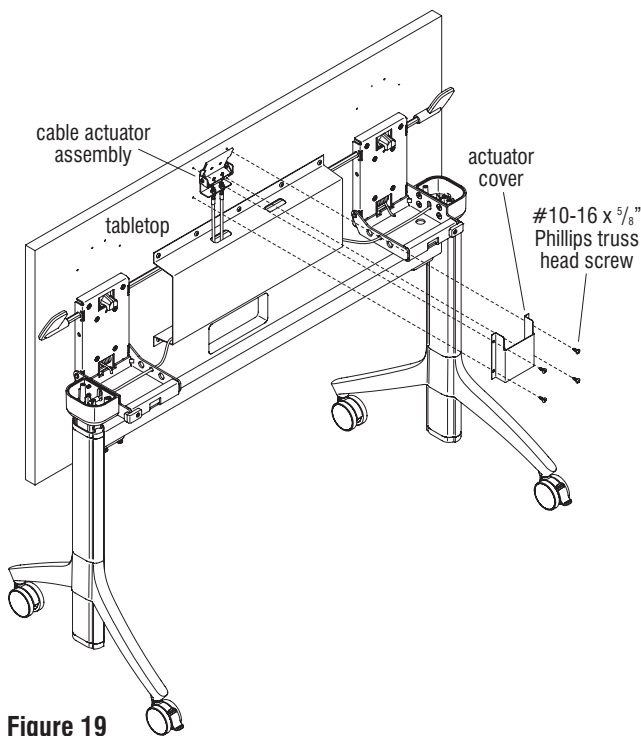


Figure 19

Actuator Cover Installation

41. Lift one tabletop lock paddle and open the table to the nesting position (Figure 18).
42. At the underside of the tabletop, position the actuator cover above the cable actuator assembly. Secure the cover to the pre-drilled holes in the tabletop using four #10-16 x 5/8" Phillips truss head tapping screws (Figure 19).

■ Tribulaire™ Collection - Pneumatic-Adjustable Height Nesting-Top Base Training Tables

Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Mounting Head Cover Installation

43. With the table still in the nesting position, place a mounting head cover above one of the leg mounting heads. Secure the cover to the head using two #8-32 x 3/8" Torx flat head screws. Repeat the process to secure the second cover to the opposite mounting head (Figure 20 & Detail F2).

44. If the table being assembled will receive power, proceed to "Power Module Overview" instructions on page 38. If the table being assembled does not require power, but requires a grommet, proceed to "Grommet Overview" instructions on page 43. If the table being assembled does not require power or grommets but requires a modesty panel, proceed to "Modesty Panel Overview" instructions on page 47. If the table being assembled does not require power, grommet or a modesty panel, move the table to the final location of use.

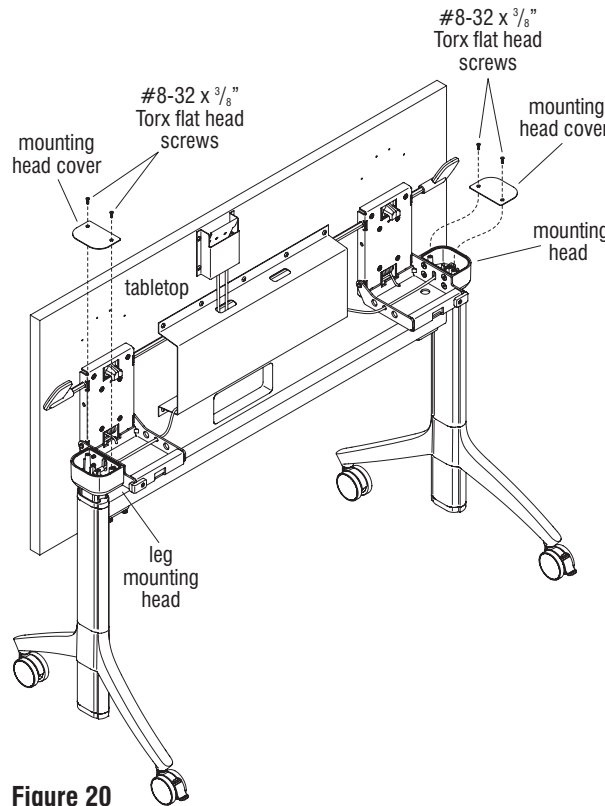
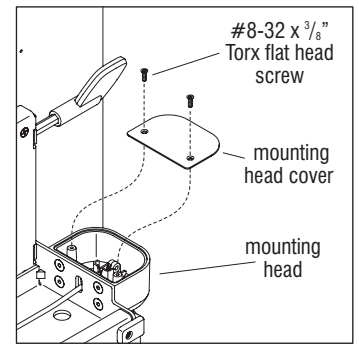


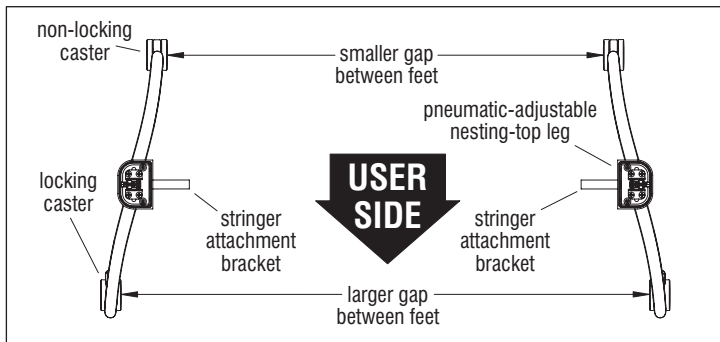
Figure 20



Detail F2



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail A - (top view)

Pneumatic-Adjustable Height Fixed-Top Leg Assembly (Leg Kit Item #JPF24)

- Carefully remove contents from shipping packing and identify parts and hardware supplied.

Note: The two pneumatic-adjustable nesting-top legs, when assembled together with the stringer between them are designed to have a smaller gap between the back feet, and have a larger gap between the front feet, which must be oriented the front, "user side" of the table to when the bases are assembled to the tabletop.

- Carefully stand the two pneumatic-adjustable legs to the upright position

with stringer attachment brackets facing each other as illustrated. Orient the legs so the stringer attachment brackets on each leg post are inline to each other, then identify the side of the leg pair that has a larger gap between the feet. The side with the larger gap is the user side and eventually will be placed at the user side of the tabletop (Figure 1 & Detail A).

- If the table being assembled is a caster leg unit, proceed to "Caster Installation" instructions below, otherwise proceed to "Telescopic Glide Installation" instructions on this page.

Caster Installation

Note: Casters are designed as locking, and non-locking. Each type must be installed to the appropriate side of a table leg, as it corresponds to either the user, or non-user side of the table. Take care and follow directions below when positioning legs for caster assembly. If casters are not installed to the proper locations, users will not be able to properly access the locks on the casters from the user side of the table, and disassembly and reassembly will be required.

- Locate the locking and non-locking casters. Locking casters are to be installed to the front, user side of each leg, and non-locking casters are to be installed to the rear of each leg. Press in fully to install the stem of one locking and one non-locking caster into the caster mounting holes at the underside of each foot (Figure 1).

- Proceed to "Stringer Installation" instructions on the next page.

Telescopic Glide Installation

- Press in fully to install the stem of two telescopic glides into the mounting holes at the underside of each foot (Figure 1).

- Proceed to "Stringer Installation" instructions on the next page.

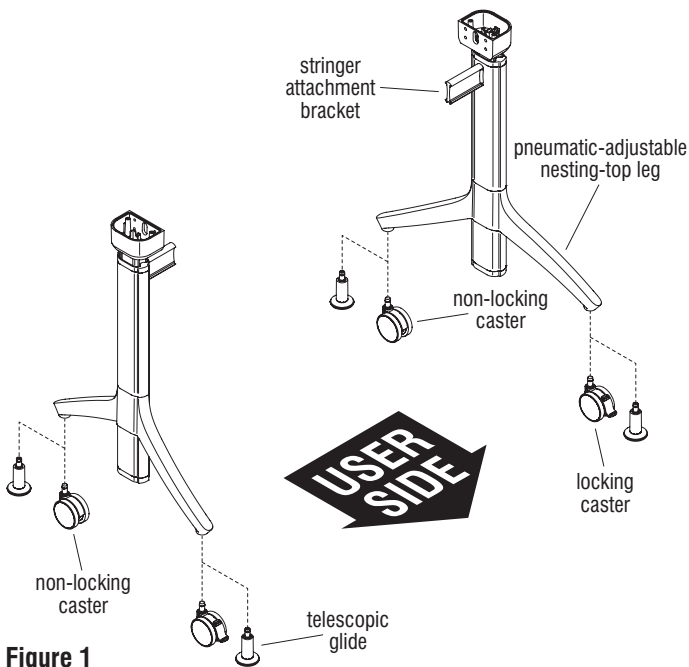


Figure 1

■ Tributaire™ Collection - Pneumatic-Adjustable Height Fixed-Top Base Training Tables
 Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Stringer Installation

8. Orient the stringer so the side with two mounting holes on each end is on the underside of the stringer (Figure 2).
9. One leg at a time, insert the stringer attachment bracket into an available open end of the stringer, making sure the mounting holes are on the bottom of each end of the stringer. If the stringer is not positioned correctly for installation, disassembly and reassembly will be required (Figure 2 & Detail B).
10. From underneath, one side at a time, align the stringer mounting holes with the stringer attachment bracket mounting holes, and loosely twist in two $\frac{1}{4}$ -20 x $\frac{5}{8}$ " Torx screws into the mounting holes. Leave a gap between the screw heads and the brace, and **do not tighten screws at this time**. Repeat the step above to loosely attach the stringer to the opposite leg's stringer attachment bracket (Figure 3 & Details C & D).

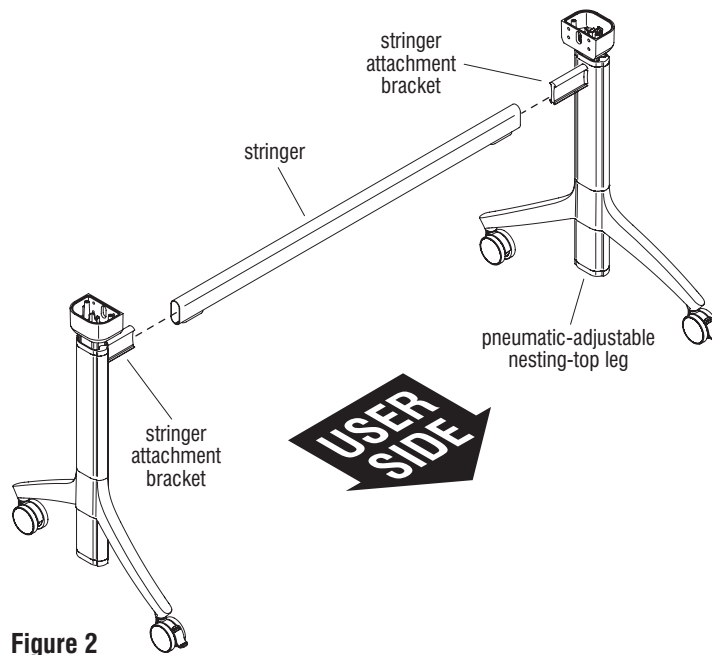


Figure 2

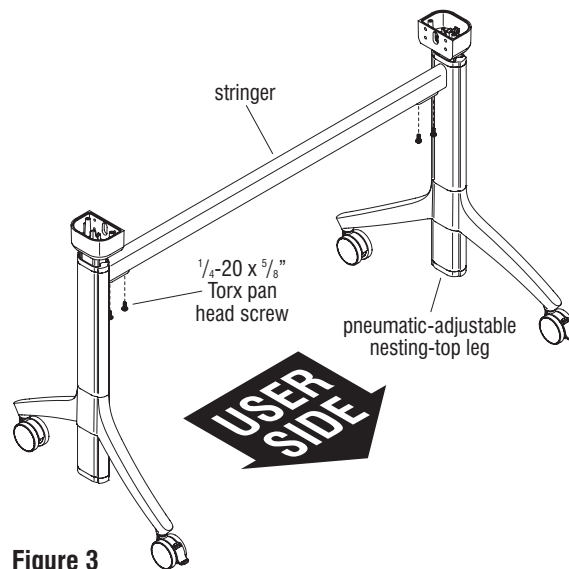
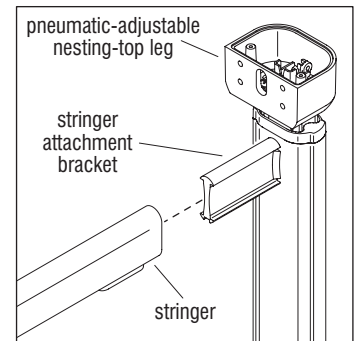
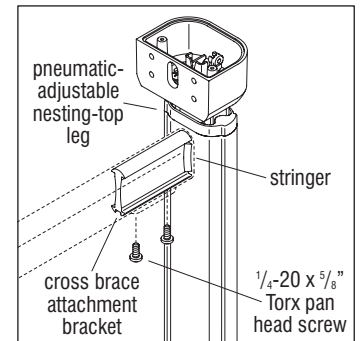


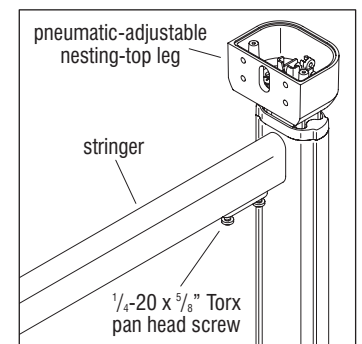
Figure 3




Detail B



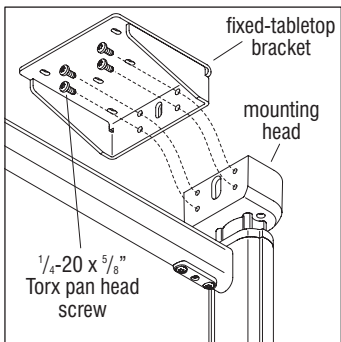
Detail C



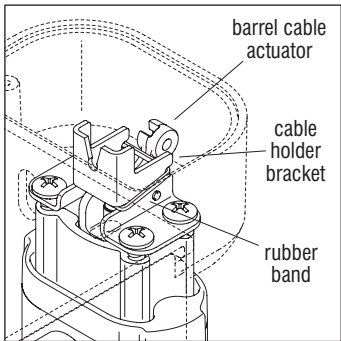
Detail D



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail E - (underside view)



Detail F

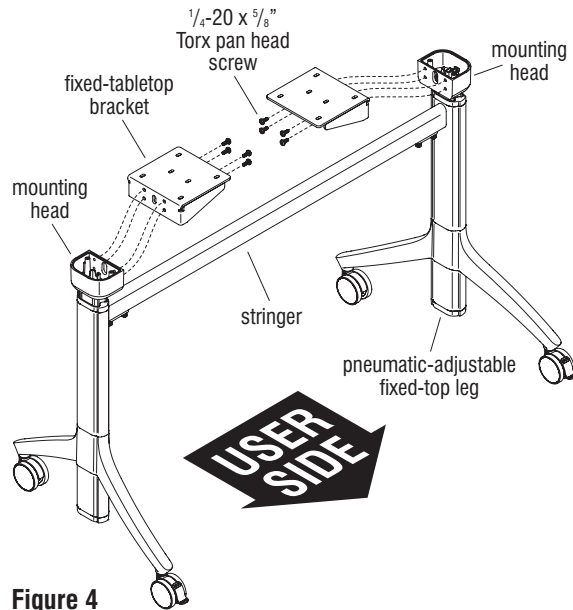


Figure 4

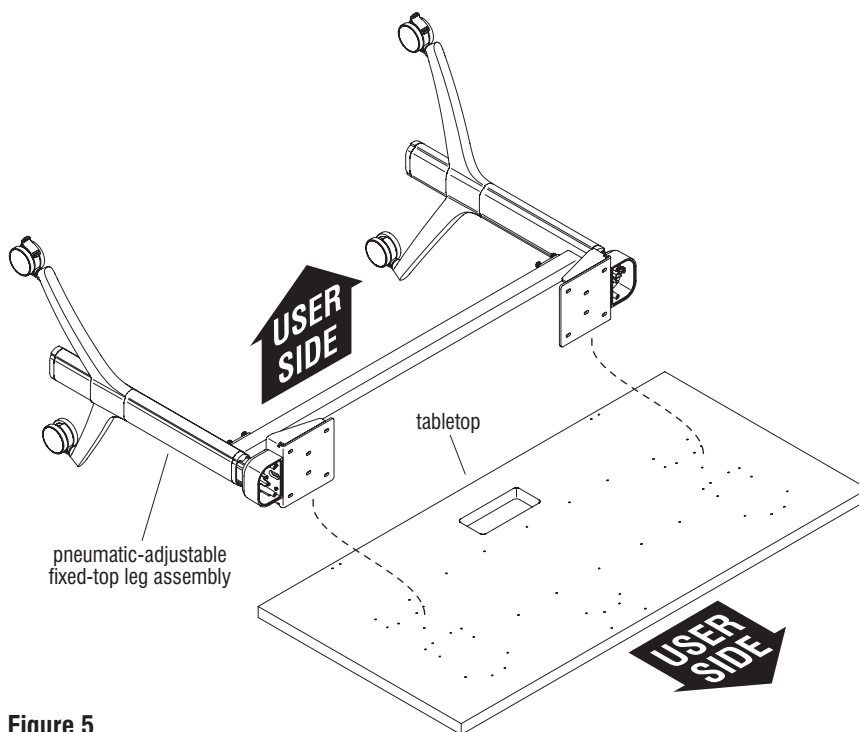


Figure 5

Fixed-Tabletop Brackets Installation

- Lower a fixed-tabletop bracket into position next to a mounting head as illustrated. Align the four mounting holes on the fixed-tabletop bracket with the four side mounting head holes and secure using 1/4-20 x 5/8" Torx pan head screws. Repeat this step to install the second fixed-tabletop bracket to the opposite mounting head (Figure 4 & Detail E).

Pneumatic-Adjustable Fixed-Top Leg Assembly Installation

WARNING: Use caution when handling the barrel cable actuators. If the barrel cable actuator presses down onto the cylinder release button on top of the table lift cylinder, the cylinder will rise, and must be lowered back down. If this occurs, reference "Lowering Pneumatic-Adjustable Leg Cylinder" instructions on page 49.

- Remove the rubber band around the cable holder bracket preventing the barrel cable actuator from pressing down onto the cylinder release button (Detail F).
- Carefully place the tabletop upside down on a soft, protective surface. Take note that the "user side" of the tabletop has pilot holes for the cable actuator assembly near the middle, front edge. Carefully position the non-user side of the pneumatic-adjustable fixed-top leg assembly onto the tabletop as illustrated (Figure 5).

■ Tributaire™ Collection - Pneumatic-Adjustable Height Fixed-Top Base Training Tables

Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Pneumatic-Adjustable Fixed-Top Leg Assembly Installation (cont.)

14. Position the cable trough over the tabletop underside as illustrated, with the two smaller rectangular openings in the trough facing the user side of the table. Align the cable trough mounting holes with the pre-drilled holes in the underside of the tabletop (Figure 6).
15. Secure the cable trough to the tabletop using ten #10-16 x 5/8" Phillips tapping screws. Do not over-tighten (Figure 7).

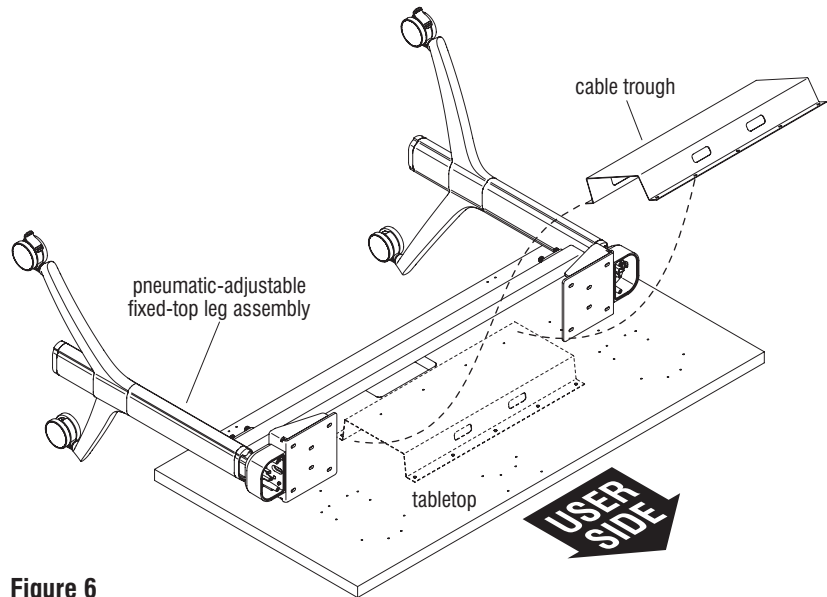


Figure 6

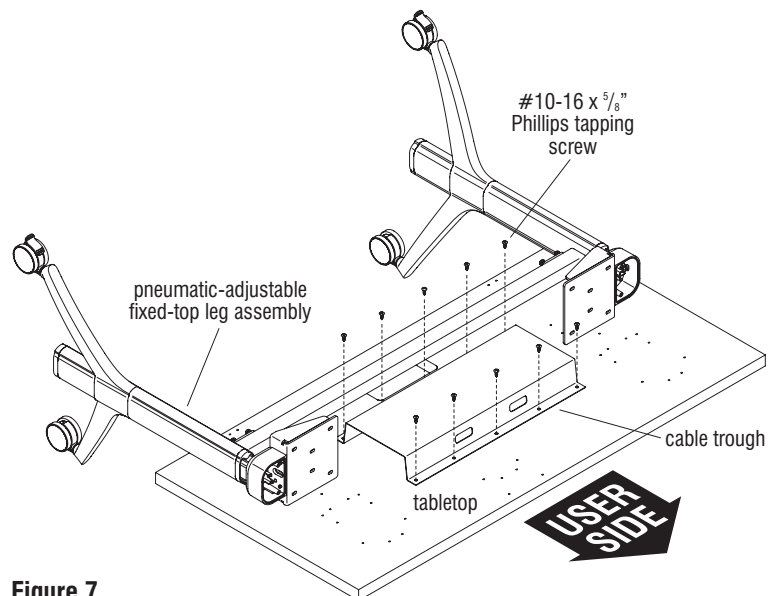
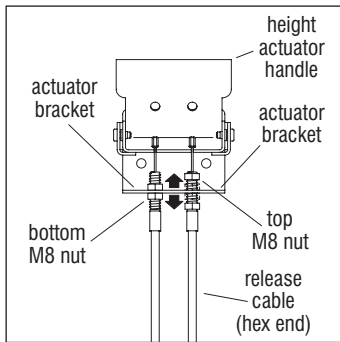


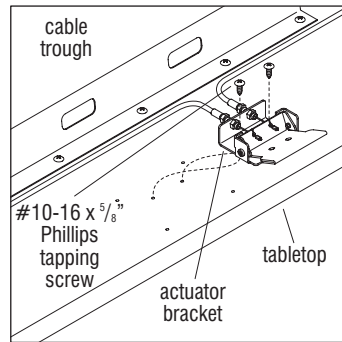
Figure 7



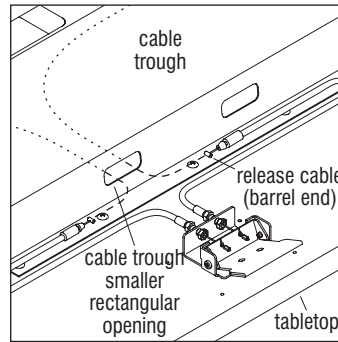
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



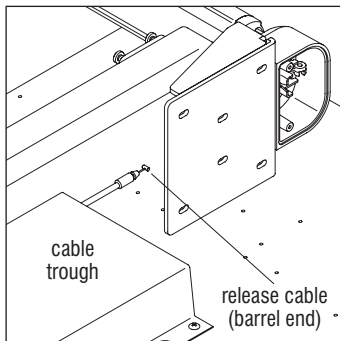
Detail G



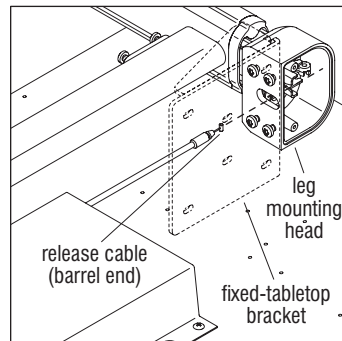
Detail H



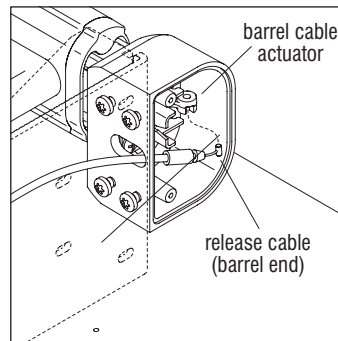
Detail I



Detail J



Detail K



Detail L

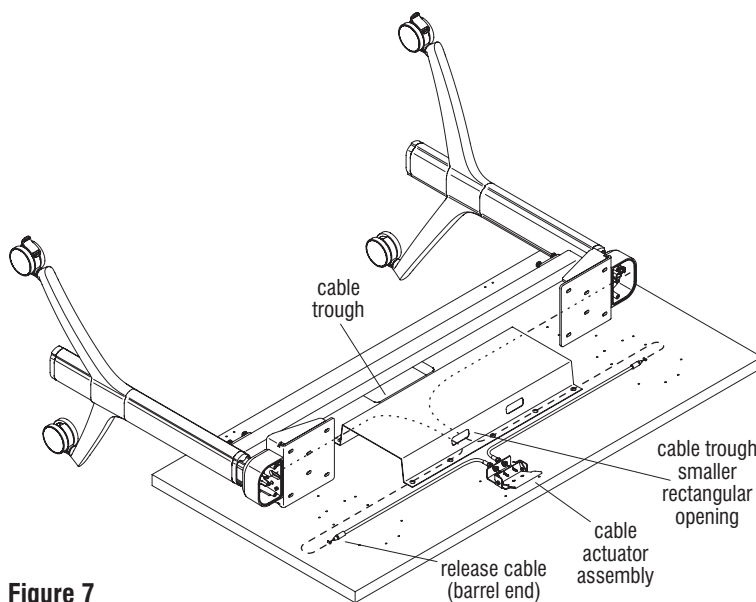


Figure 7

16. Locate the cable actuator assembly with two release cables attached. At the actuator bracket, twist each top M8 nut up onto the top threads of the release cable housing (hex end), only enough to hold the top of each cable housing in place on the actuator bracket. Once each top M8 nut has been adjusted, thread the bottom M8 nuts all the way down on each cable housing threads (Detail G).
17. Align the mounting holes of the cable actuator assembly with the pre-drilled holes on the tabletop and secure using two #10-16 x 5/8" Phillips tapping screws (Detail H).
18. Guide the barrel end of each cable into the smaller rectangular opening on the cable trough, closest to the cable actuator assembly. Then route the barrel end of the release cable in the leftmost hole on the actuator bracket out the left end of the cable trough, and the rightmost cable's barrel end out the right end of the cable trough (Figure 7 & Details I & J).
19. Route the barrel end of one release cable through the pill-shaped holes on the fixed-tabletop bracket and mounting head, that leads into the mounting head. Continue to route the barrel end of the release cable into the mounting head until the barrel end reaches the barrel cable actuator (Detail K).
20. Insert the barrel end of the release cable into the housing slot on the barrel cable actuator (Detail L).



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Pneumatic-Adjustable Fixed-Top Leg Assembly Installation (cont.)

21. With the barrel end engaged, press the plastic end of the release extension cable into the cable holder bracket by snapping the notch of the cable's plastic end into the cable holder bracket as illustrated. If the release cable will not snap into the cable holder bracket, tap lightly with a rubber mallet until the plastic end snaps into the holder (Details M & N).

22. Repeat steps 18 through 21 to secure the second release cable to the opposite-side barrel cable actuator and cable holder bracket.

23. Carefully lift and rotate the pneumatic-adjustable fixed leg assembly so it is upside down in mounting position, on the tabletop as illustrated. Align each fixed-tabletop bracket's mounting holes with the tabletop mounting holes and secure using six #12 x 1" Phillips pan head tapping screws per plate (Figure 8).

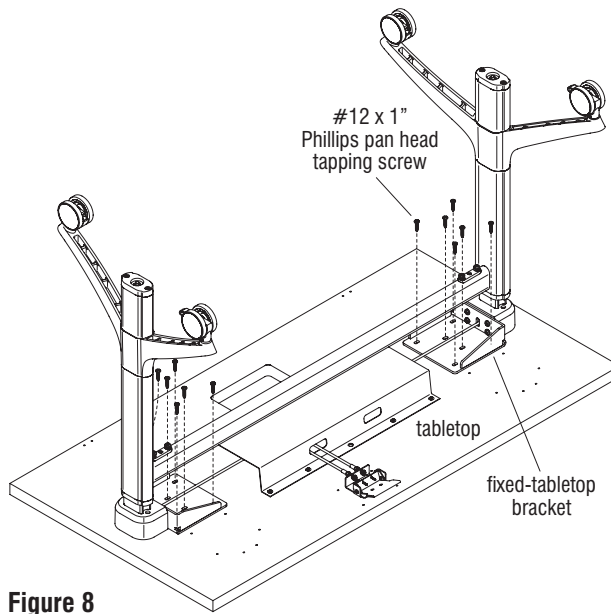


Figure 8

Cable Actuator Adjustments

24. Gently pull down on each black cable housing under the cable actuator assembly to assure the hex ends are nested snugly in the actuator handle, and the actuator handle is also pulled down tight to the top flanges of the actuator bracket. Then twist each bottom M8 nut upward, finger-tight against the actuator bracket, to assure the cable's hex end is snug and nested in the conical indent of the handle (Figure 9 & Detail O).

25. After the bottom M8 nuts are finger tight to the actuator bracket, tighten each bottom nut an additional one-quarter to one-half of a turn using the 7/16" wrench provided (Detail P).

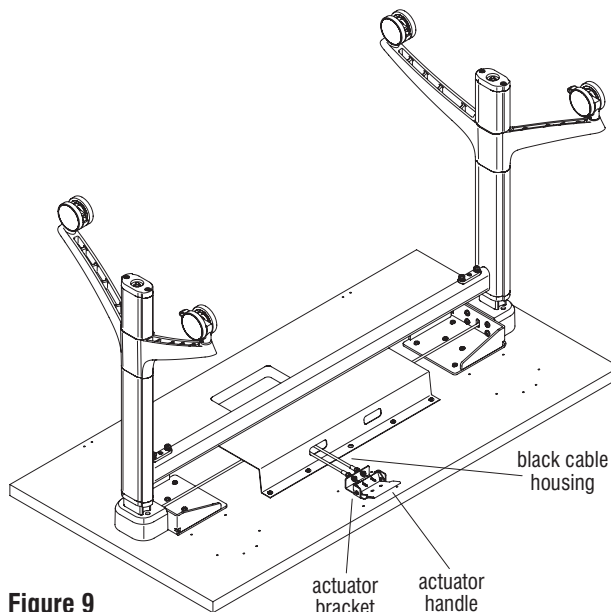
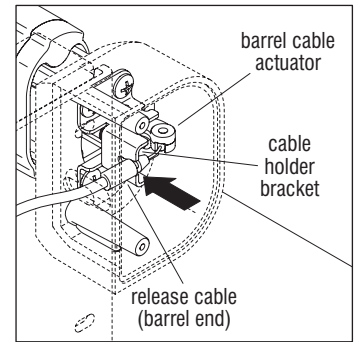
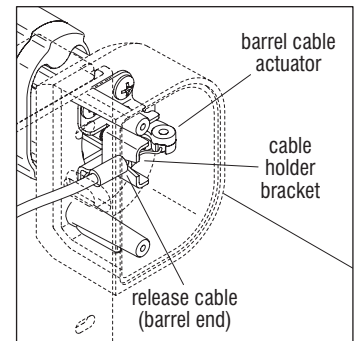


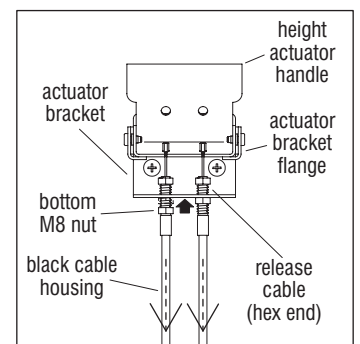
Figure 9



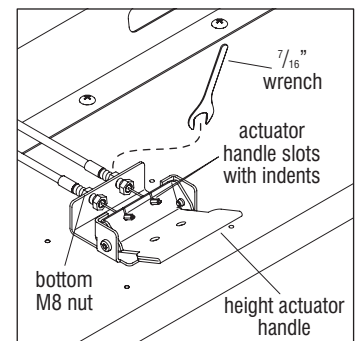
Detail M



Detail N



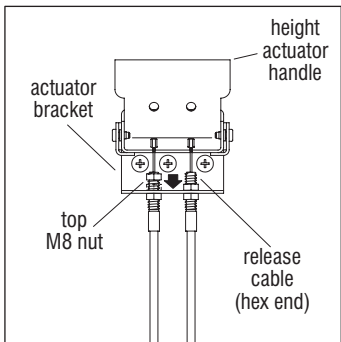
Detail O



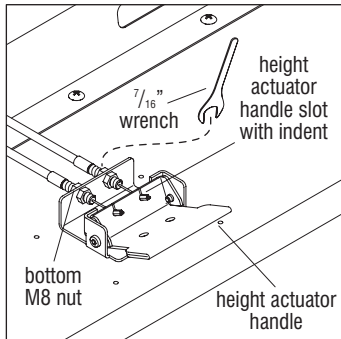
Detail P



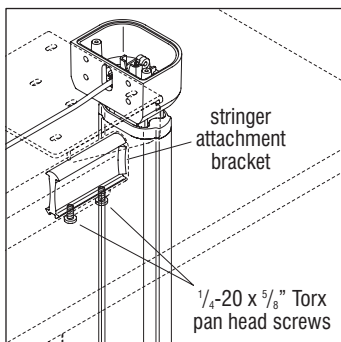
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail Q



Detail R



Detail S

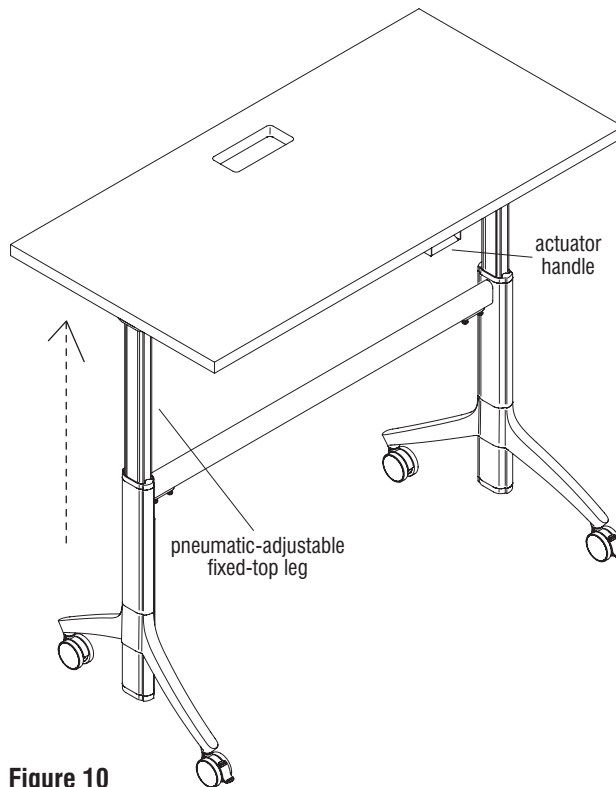


Figure 10

26. Next, twist each top M8 nut downward, finger tight to the actuator bracket. Then, one nut at a time, using the $\frac{7}{16}$ " wrench provided, tighten each top nut one-quarter to one-half of a turn to secure (Details Q & R).
27. Carefully turn the table to the upright position (Figure 10).
28. Locate the height actuator handle at the front, user side of the table and raise the table about half the height of the table fully extended. At this time, secure the stringer to the stringer attachment bracket by fully tightening two $\frac{1}{4}$ -20 x $\frac{5}{8}$ " Torx head screws on the underside of the stringer, at each end (Figure 10 & Detail S).



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Testing Table Height-Adjustability

29. With the table in the upright position, press the height actuator handle, apply pressure down on the tabletop to test that it lowers evenly. If the table raises and lowers evenly, no additional adjustment is required. If the table does not automatically raise when the height actuator handle is pressed, one or both cable's hex ends are loose, and require additional adjustment to add more tension. If adjustments are required, proceed to "Test 1 - Automatic Height Test" instructions on this page. If no adjustments are required, proceed to "Test 2 - Leg Stability Test" instructions on the next page.

Test 1 - Automatic Height Test

30. Begin "Test 1" adjustments by moving under the table or carefully placing the table upside down on a soft, protective surface to gain access to the height actuator handle and cables (Figure 11). Inspect the hex ends of both cables in the actuator handle slots and conical indent and identify if one or more are not nested properly, and handle is not tight (Detail T). Loosen the appropriate top M8 nut using the $\frac{7}{16}$ " wrench provided while pulling down on the black cable housing and twist the nut up as much as required. Holding the cable housing down, twist the bottom nut up finger tight, enough to assure that the hex cable end is seated correctly into the conical indent of the actuator handle, and the handle is tight down against the actuator bracket. Use the $\frac{7}{16}$ " wrench to turn the bottom M8 nut one-quarter to one-half of a turn more to tighten (Detail U). Check to assure the cables are tight, or repeat the above process.

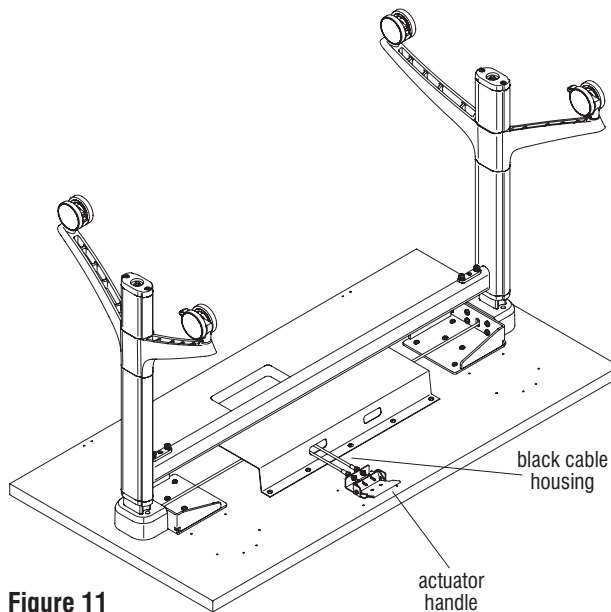
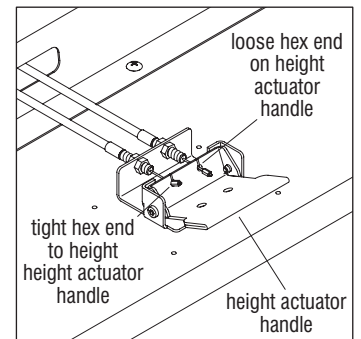
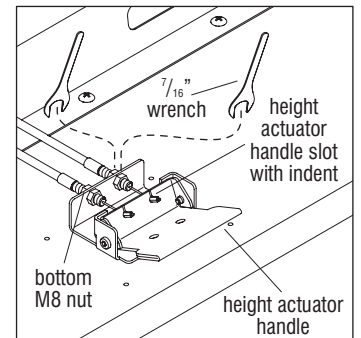


Figure 11



Detail T



Detail U

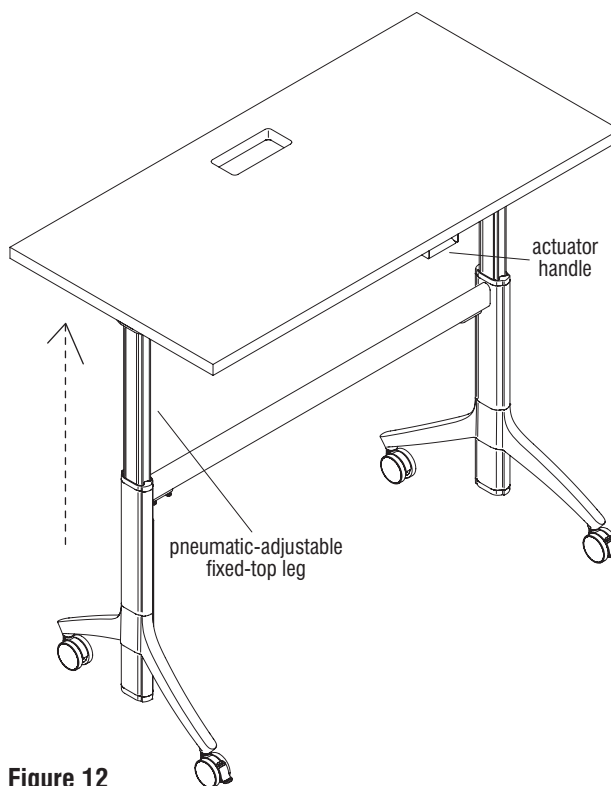


Figure 12



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

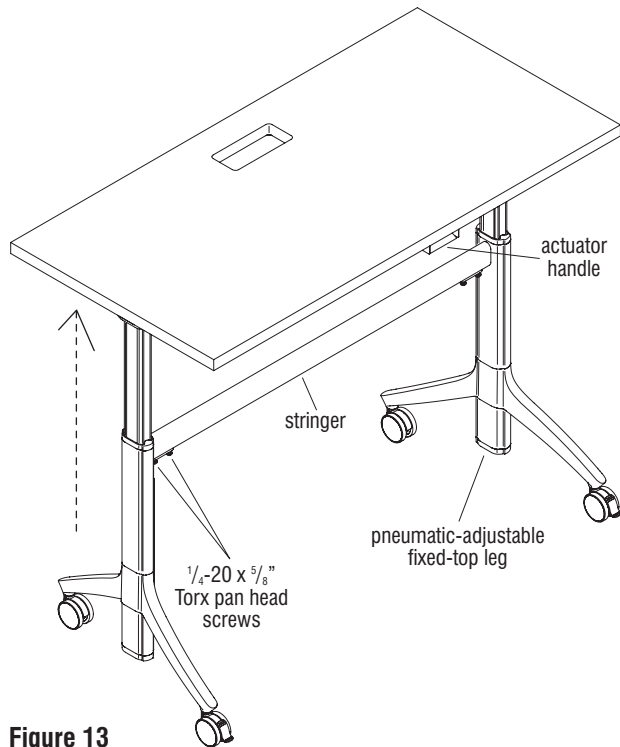


Figure 13

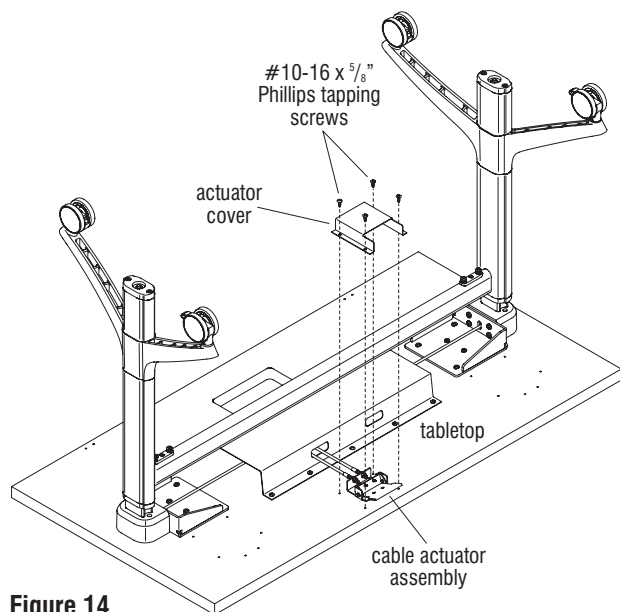


Figure 14

Test 2 - Leg Stability Test

31. With the table in the upright position. Locate the height actuator handle at the front, user side of the table and press the actuator handle up, to automatically raise the table height at least four inches (Figure 13). One side at a time, push down on the raised tabletop over each side's pneumatic-adjustable leg (Detail V). If pressing down on each end does not cause the tabletop to lower at one of the ends, no adjustment is needed. If the tabletop lowers on one side with pressure, one or more cables are adjusted too tight, and adjustment is required. If adjustments are required, proceed to step 32 below. If no adjustments are required, proceed to "Actuator Cover Installation" instructions below.

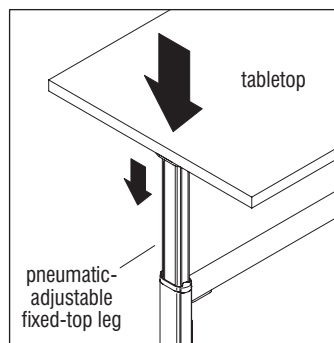
32. Begin "Test 2" adjustments by moving under the table or carefully placing the table upside down on a soft, protective surface to gain access to the height actuator handle and cables (Figure 14). At the side of the table which could be pressed down with the table raised, locate the appropriate cable housing and M8 nuts to lessen that cable tension. Using the 7/16" wrench, loosen the bottom M8 nut one-quarter to one-half of a turn, or until tension releases. Then, twist the top M8 nut down finger tight and use the 7/16" wrench to turn the nut one-quarter to one-half turn more to tighten it (Detail W). Carefully turn the table to the upright position, press the height actuator handle to raise the table, and test the side that was adjusted to see if it lowers with pressure. If it does not lower, no more adjustment is required, but if it does lower, repeat step 32.

Actuator Cover Installation

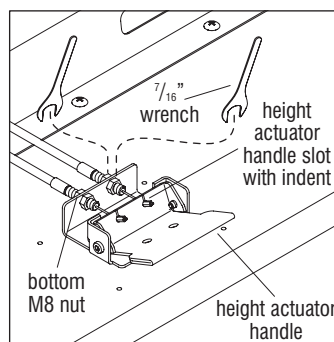
33. Move under the table or carefully place the table upside down on a soft, protective surface (Figure 14).

34. At the underside of the tabletop, position the actuator cover above the cable actuator assembly. Secure the cover to the tabletop using four #10-16 x 5/8" Phillips tapping screws (Figure 14).

35. If the table being assembled will receive power, proceed to "Power Module Overview" instructions on page 38. If the table being assembled does not require power, but requires a grommet, proceed to "Grommet Overview" instructions on page 43. If the table being assembled does not require power or grommets but requires a modesty panel, proceed to "Modesty Panel Installation" instructions on page 47. If the table being assembled does not require power, grommet or a modesty panel, move the table to the final location of use.



Detail V



Detail W



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Screw-Adjustable Height Nesting-Top Leg Assembly (Leg Kit Item #JSN24)

1. Carefully remove contents from shipping packing and identify parts and hardware supplied.

Note: The two screw-adjustable nesting-top legs, when assembled together with the stringer between them are designed to have a smaller gap between the back feet, and have a larger gap between the front feet, which must be oriented to the front, "user side" of the table when the bases are assembled to the tabletop.

2. Carefully stand the two screw-adjustable legs to the upright position with stringer attachment brackets facing each other as illustrated. Orient the legs so the stringer attachment brackets on each leg post are in line to each other, then identify the side of the leg pair that has a larger gap between the feet. The side with the larger gap is the user side and eventually will be placed at the user side of the tabletop (Figure 1 & Detail A).

3. If the table being assembled is a caster leg unit, proceed to "Caster Installation" instructions below, otherwise proceed to "Telescopic Glide Installation" instructions on this page.

Caster Installation

Note: Casters are designed as locking, and non-locking. Each type must be installed to the appropriate side of a table leg, as it corresponds to either the user, or non-user side of the table. Take care and follow directions below when positioning legs for caster assembly. If casters are not installed to the proper locations, users will not be able to properly access the locks on the casters from the user side of the table, and disassembly and reassembly will be required.

4. Locate the locking and non-locking casters. Locking casters are to be installed to the front, user side of each leg, and non-locking casters

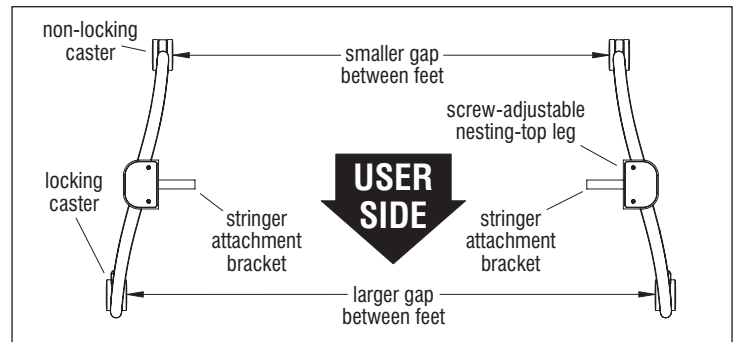
are to be installed to the rear of each leg. Press in fully to install the stem of one locking and one non-locking caster into the caster mounting holes at the underside of each foot (Figure 1).

5. Proceed to "Stringer Installation" instructions on the next page.

Telescopic Glide Installation

6. Press in fully to install the stem of two telescopic glides into the mounting holes at the underside of each foot (Figure 1).

7. Proceed to "Stringer Installation" instructions on the next page.



Detail A - (top view)

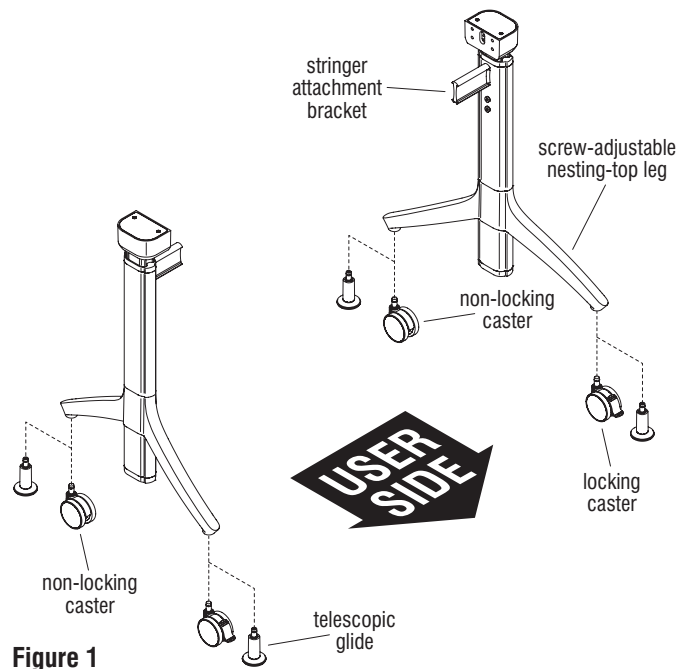

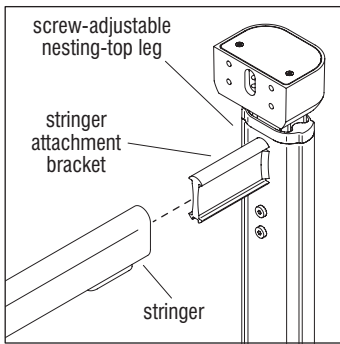


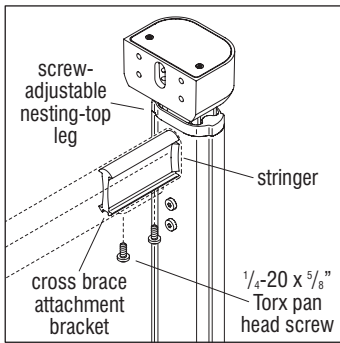
Figure 1



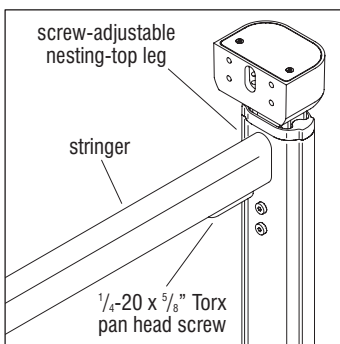
CAUTION Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail B



Detail C



Detail D

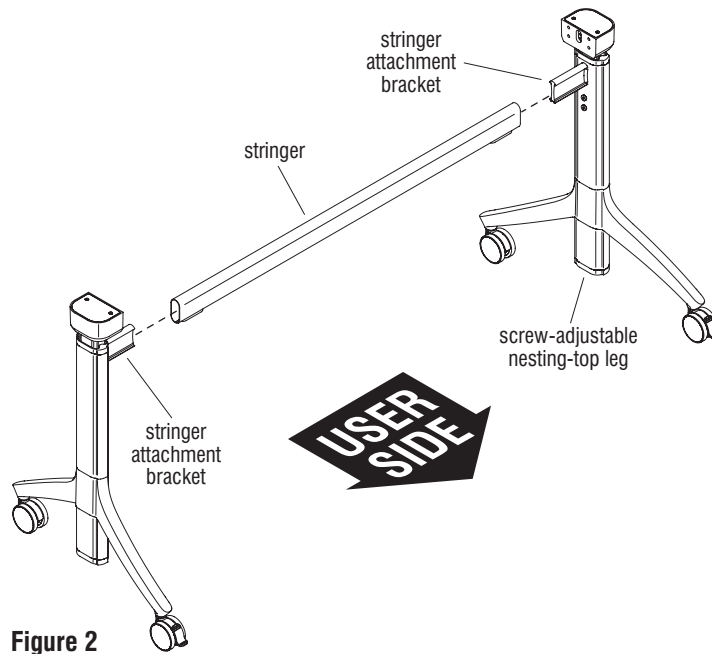


Figure 2

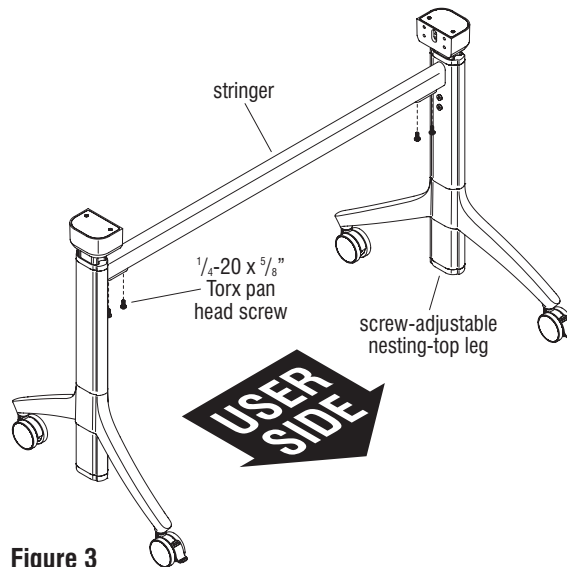


Figure 3

Stringer Installation

8. Orient the stringer so the side with two mounting holes on each end is on the underside of the stringer (Figure 2).
9. One leg at a time, insert the stringer attachment bracket into an available open end of the lower stringer, making sure the mounting holes are on the bottom of each end of the stringer. If the stringer is not positioned correctly for installation, disassembly and reassembly will be required (Figure 2 & Detail B).
10. From underneath, one side at a time, align the stringer mounting holes with the stringer attachment bracket mounting holes, and secure using two 1/4-20 x 5/8 inch Torx screws on the underside hole locations. Repeat the step above to secure the stringer to the opposite leg's stringer attachment bracket (Figure 3 & Details C & D).



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Nesting Support Assembly Installation

11. Carefully place the nesting support assembly on a soft, protective surface (Figure 4).

WARNING: The nesting support assembly consists of two spring-loaded mechanisms, one on each end of an actuating rod. Each spring-loaded mechanism is latched, and for safety is secured in the closed position with a zip-tie to prevent the mechanisms from flipping open if the tabletop lock paddles are accidentally engaged during shipment. Care must be taken when removing the zip-ties. **Assure that both nesting mechanisms are pressed closed and latched, and do not actuate the tabletop lock paddles before cutting zip-ties.**

12. While facing the user side of the nesting support assembly, one side at a time, press down firmly on the top of the spring-loaded mechanism on the user side of the plate, then cut the zip-tie with a wire cutter and pull it out. While holding the mechanism down firmly, gently lift on the tabletop lock paddle, and release the holding pressure to open that side of the mechanism. Repeat the process for carefully cutting and removing the zip-tie, then actuating the tabletop lock paddle to open the mechanism at the other end of the support assembly. Take care to not actuate the tabletop lock paddles while cutting, which may release the spring-loaded mechanism quickly and cause personal injury (Figure 4 & Details E & F).

13. Position the opened nesting support mechanism above the two mounting heads, making sure the opening is facing the user side of the table assembly as illustrated. With the assistance of a second person, have one person carefully lower the opened spring-loaded mechanisms in between the two mounting heads, aligning the four lower hinge plate mounting holes with the four side mounting head

mounting holes, while the second person follows step 14 below (Figure 5 & Detail G).

14. With the mounting head and lower hinge plate mounting holes aligned, from inside the lower hinge plate, have the second person secure each lower hinge plate to the side of the mounting head using the top

two holes and two 1/4-20 x 3/4" Phillips flat head screws. Using drill extensions longer than 7" with a Phillips tip at the side of the lower hinge plate access holes, finish securing the lower hinge plate to the mounting head using two 1/4-20 x 3/4" Phillips flat head screws in the two bottom holes (Detail H).

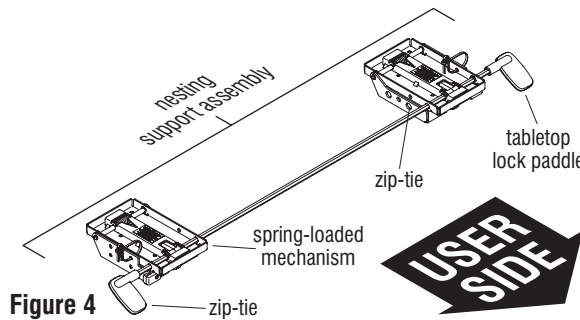


Figure 4

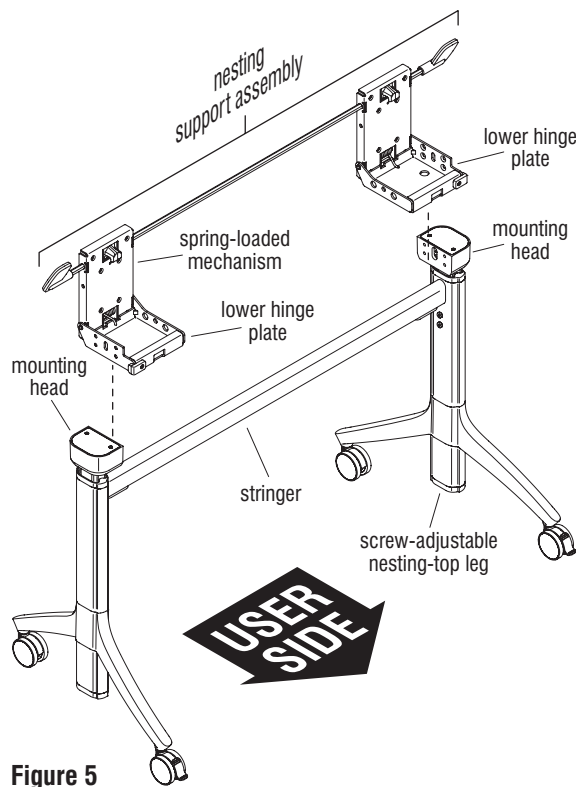
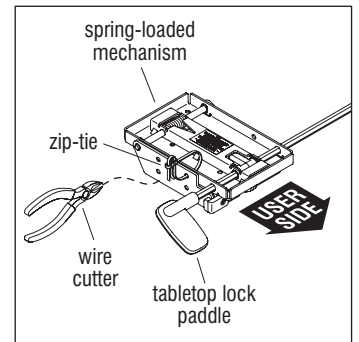
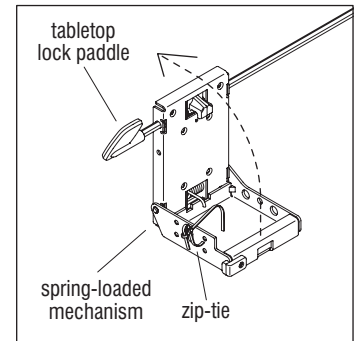


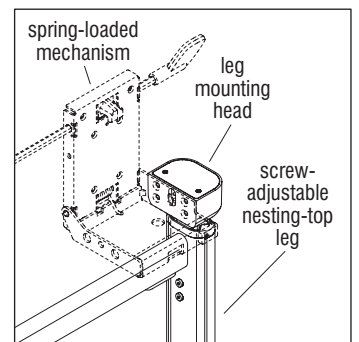
Figure 5



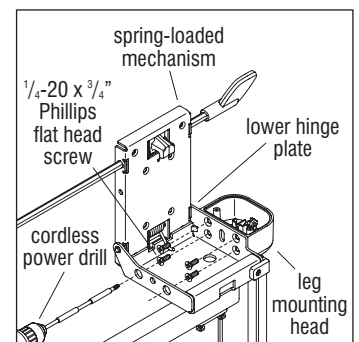
Detail E



Detail F



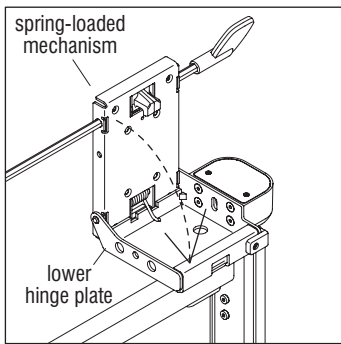
Detail G



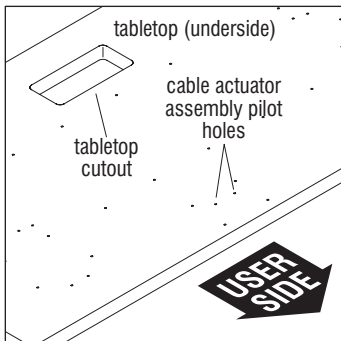
Detail H



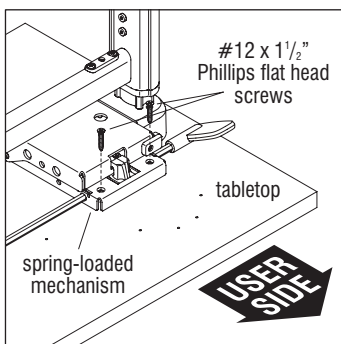
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail I



Detail J



Detail K

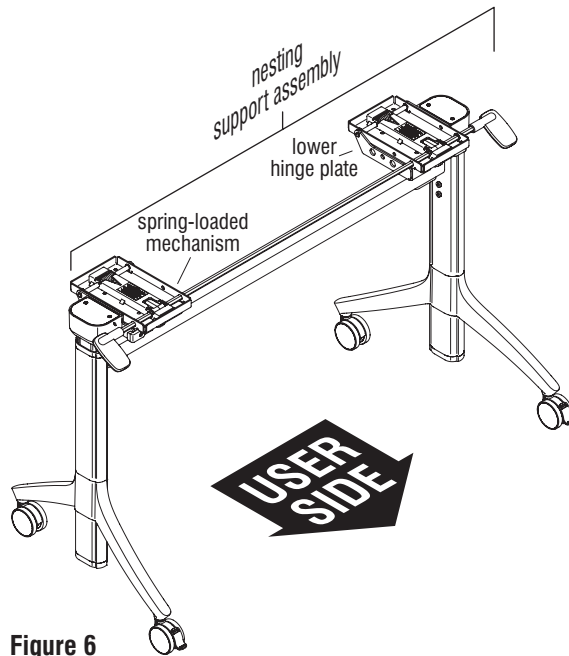


Figure 6

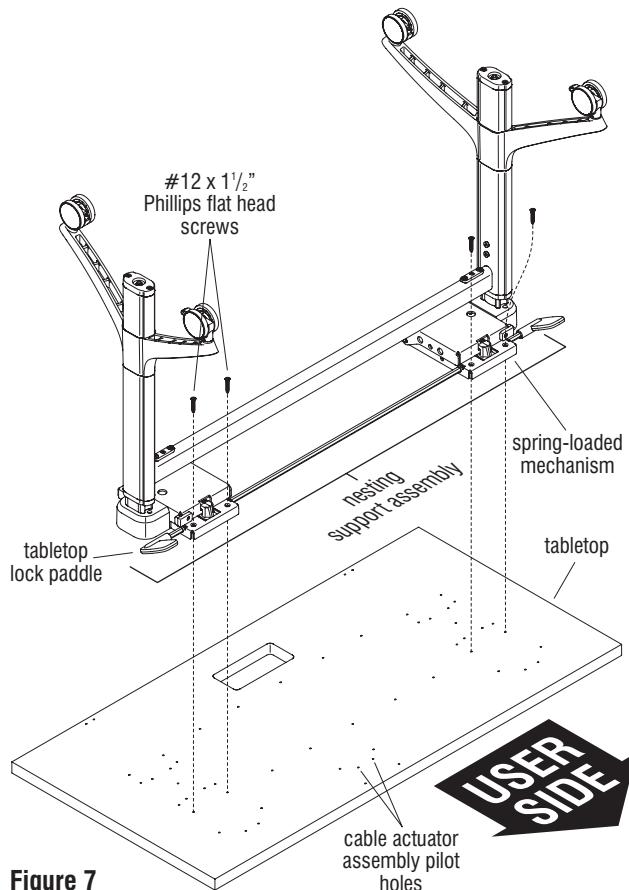


Figure 7

15. Carefully close and latch both spring-loaded mechanisms down onto the lower hinge plates (Figure 6 & Detail I).
16. Carefully place the tabletop upside down on a soft, protective surface. Take note that the "user side" of the tabletop has a pilot hole pattern for the cable actuator assembly, near the front edge, at the center as illustrated in Figure 7 & Detail J. Carefully position the nesting support assembly onto the tabletop with the tabletop lock paddles and wider spread of the legs oriented to be facing the user side of the table, as illustrated (Figure 7 & Detail J).

WARNING: For the next step, when securing the leg attachment brackets to the lower hinge plates, **DO NOT** touch the tabletop lock paddles as they may accidentally engage and cause the spring-loaded mechanisms to flip up causing personal injury.

17. Align the two mounting holes on the front of each spring-loaded support assembly to the corresponding pre-drilled holes at the underside of the tabletop, then secure into each pre-drilled hole a #12 x 1/2" Phillips flat head screw. Do not over-tighten (Figure 7 & Detail K).

Tributaire™ Collection - Screw-Adjustable Height Nesting-Top Base Training Tables
 Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Nesting Support Assembly Installation (cont.)

18. Align the two mounting holes on the back of each spring-loaded mechanism of the nesting support assembly to the corresponding pre-drilled holes at the underside of the tabletop, then secure into each pre-drilled hole a #12 x 1 1/2" Phillips flat head screw. Do not over-tighten (Figure 8 & Detail L).
19. Press the tabletop lock paddles down and gently lower the screw-adjustable legs down to gain access to the center group of spring-loaded mechanism mounting holes (Figure 9).
20. With the four center mounting holes on each spring-loaded mechanism of the nesting support assembly aligned with the mounting holes on the tabletop underside, secure the mechanism to the tabletop using four #12 x 1 1/2" Phillips flat head screws per mechanism. Do not over-tighten (Figure 9 & Detail M).

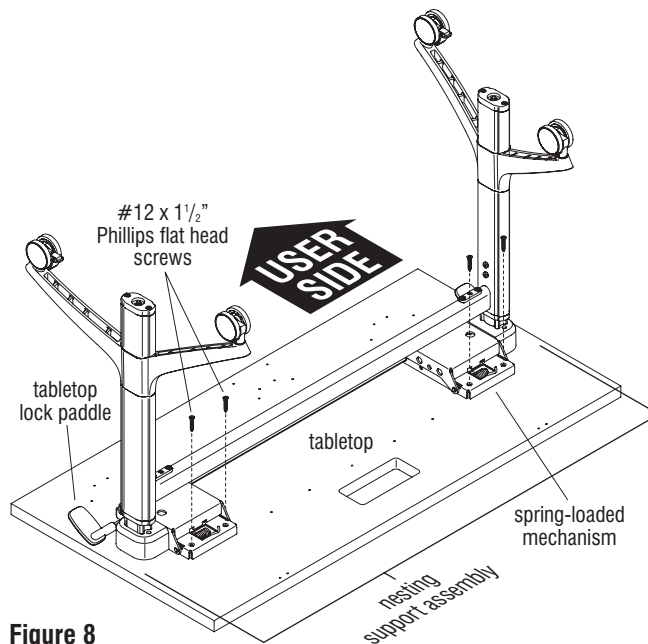
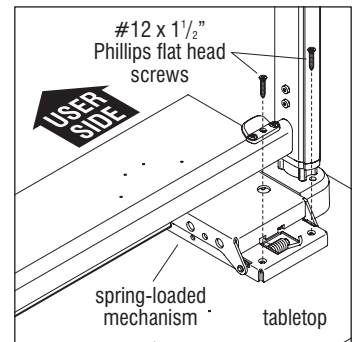
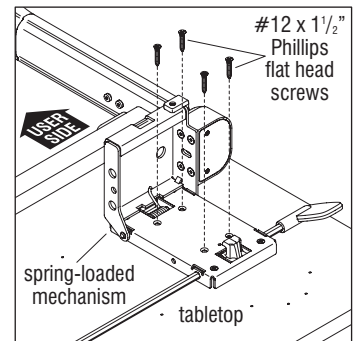


Figure 8



Detail L



Detail M

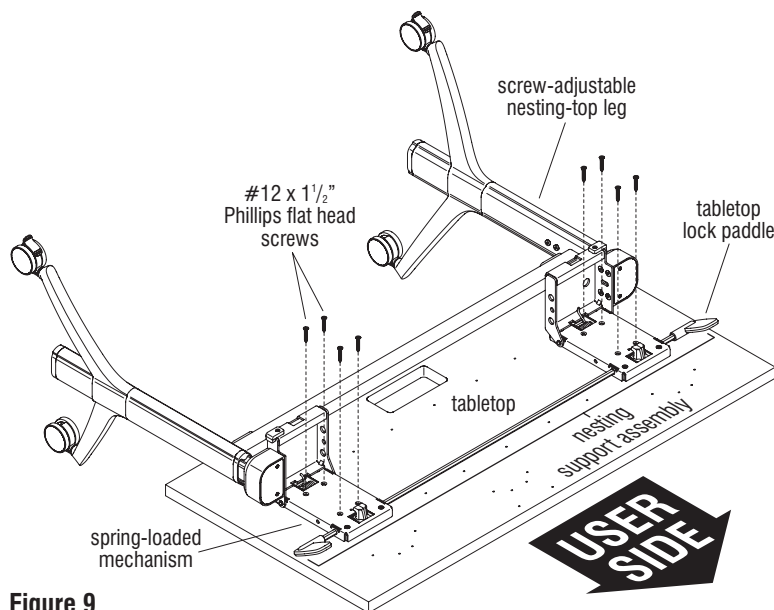


Figure 9



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Cable Trough Installation

21. Position the cable trough over the tabletop's actuating rod as illustrated, with the two smaller rectangular openings in the trough facing the user side of the table. Align the cable trough mounting holes with the pre-drilled holes in the underside of the tabletop, and secure using ten #10 x 5/8" Phillips tapping screws. Do not over-tighten (Figure 10).
22. Carefully flip up the leg assembly to close the spring-loaded mechanisms, then turn the table to the upright position.

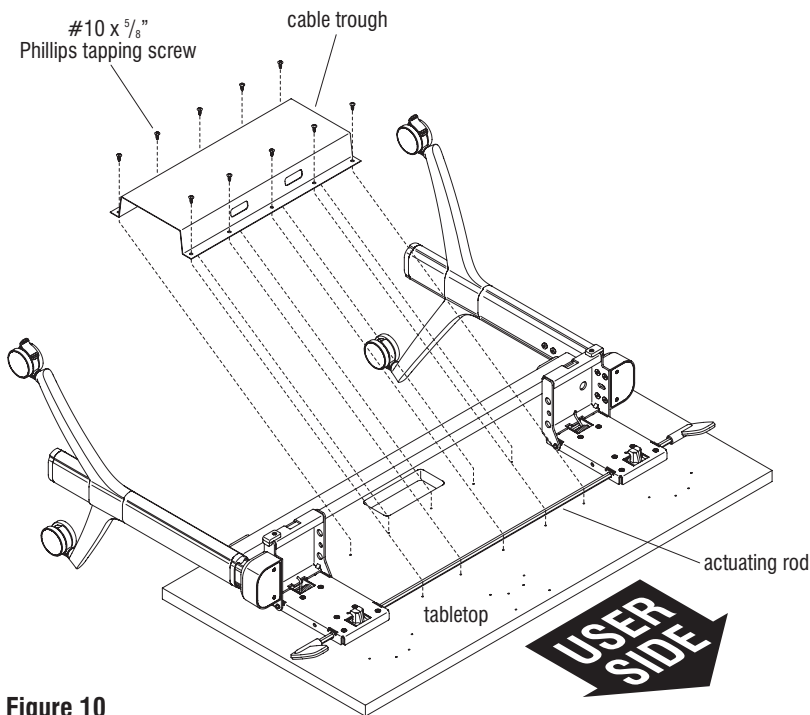


Figure 10

Tributaire™ Collection - Screw-Adjustable Height Nesting-Top Base Training Tables
 Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Table Height Adjustment

23. Carefully lift and rotate the screw-adjustable nesting-top legs, to close the spring-loaded mechanisms (Figure 11).
24. With the table upside down on a soft, protective surface, remove the two 1/4-20 x 1/2" serrated Allen screws from each lower screw-adjustable fixed-top leg member. Move the lower leg members up or down to the desired height (1" increments). Align the two adjustment holes on the lower member with the two holes on the upper leg member and secure to the desired height with the four previously removed 1/4-20 x 1/2" serrated Allen screws (Figures 11 & 12, Details N & O).
25. If the table being assembled will receive power, proceed to "Power Module Overview" instructions on page 38. If the table being assembled does not require power, but requires a grommet, proceed to "Grommet Overview" instructions on page 43. If the table being assembled does not require power or grommets but requires a modesty panel, proceed to "Modesty Panel Overview" instructions on page 47. If the table being assembled does not require power, grommet or a modesty panel, carefully turn the table into the upright position and move the table to the final location of use.

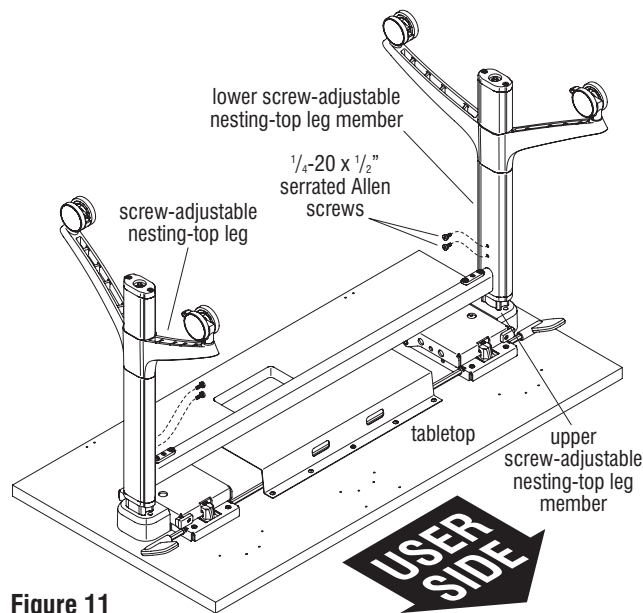
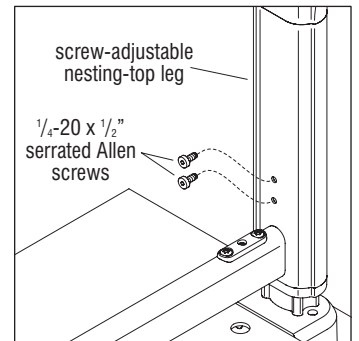
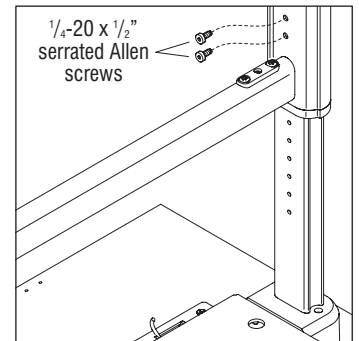


Figure 11



Detail N



Detail O

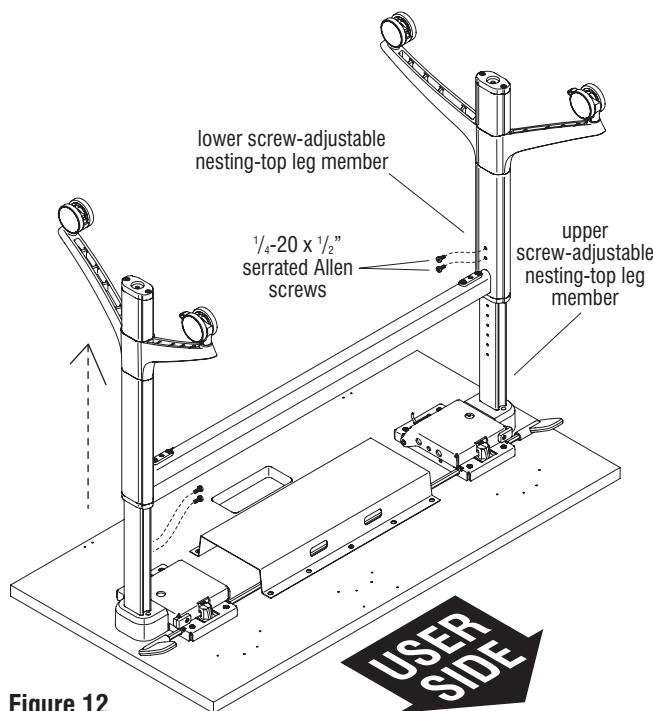
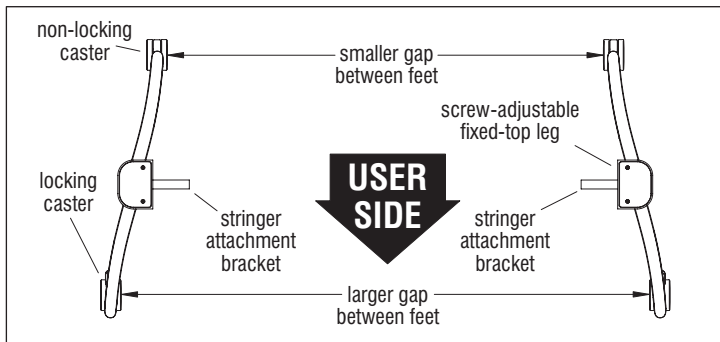


Figure 12



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail A - (top view)

Screw-Adjustable Height Fixed-Top Leg Assembly (Leg Kit Item #JSF24)

1. Carefully remove contents from shipping packing and identify parts and hardware supplied.

Note: The two screw-adjustable fixed-top legs, when assembled together with the stringer between them are designed to have a smaller gap between the back feet, and have a larger gap between the front feet, which must be oriented the front, "user side" of the table when the bases are assembled to the tabletop.

2. Carefully stand the two screw-adjustable fixed-top legs to the upright position with stringer

attachment brackets facing each other as illustrated. Orient the legs so the stringer attachment brackets on each leg post are inline to each other, then identify the side of the leg pair that has a larger gap between the feet. The side with the larger gap is the user side and eventually will be placed at the user side of the tabletop (Figure 1 & Detail A).

3. If the table being assembled is a caster leg unit, proceed to "Caster Installation" instructions below, otherwise proceed to "Glide Installation" instructions on this page.

Caster Installation

Note: Casters are designed as locking, and non-locking. Each type must be installed to the appropriate side of a table leg, as it corresponds to either the user, or non-user side of the table. Take care and follow directions below when positioning legs for caster assembly. If casters are not installed to the proper locations, users will not be able to properly access the locks on the casters from the user side of the table, and disassembly and reassembly will be required.

4. Locate the locking and non-locking casters. Locking casters are to be installed to the front, user side of each leg, and non-locking casters are to be installed to the rear of each leg. Press in fully to install the stem of one locking and one non-locking caster into the caster mounting holes at the underside of each foot (Figure 1).

5. Proceed to "Stringer Installation" instructions on the next page.

Telescopic Glide Installation

6. Press in fully to install the stem of two telescopic glides into the mounting holes at the underside of each foot. Continue to insert fully until each caster is snug to the bottom of the feet (Figure 1).

7. Proceed to "Stringer Installation" instructions on the next page.

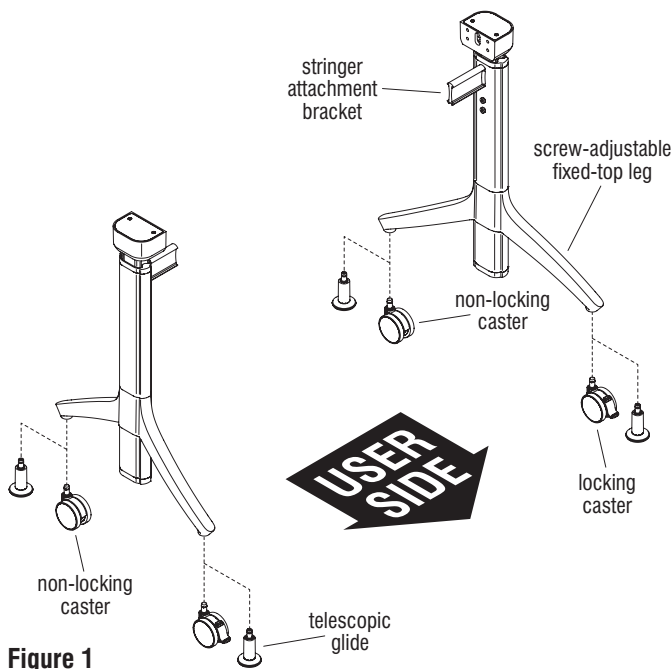


Figure 1

Tributaire™ Collection - Screw-Adjustable Height Fixed-Top Base Training Tables
 Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Stringer Installation

8. Orient the stringer so the side with two mounting holes on each end is on the underside of the stringer (Figure 2).
9. One leg at a time, insert the stringer attachment bracket into an available open end of the lower stringer, making sure the mounting holes are on the bottom of each end of the stringer. If the stringer is not positioned correctly for installation, disassembly and reassembly will be required (Figure 2 & Detail B).
10. From underneath, one side at a time, align the stringer mounting holes with the stringer attachment bracket mounting holes, and secure using two $\frac{1}{4}$ -20 x $\frac{5}{8}$ " Torx screws on the underside hole locations. Repeat the step above to secure the stringer to the opposite leg's stringer attachment bracket (Figure 3 & Details C & D).

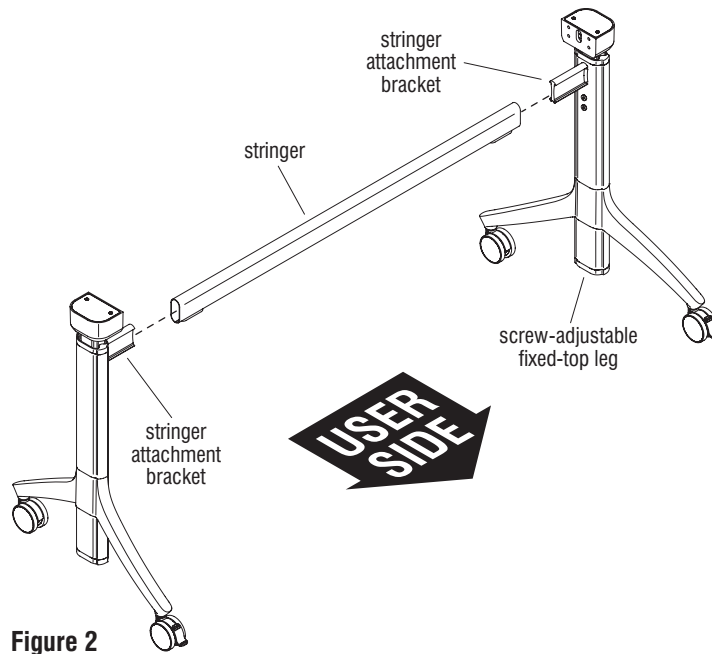
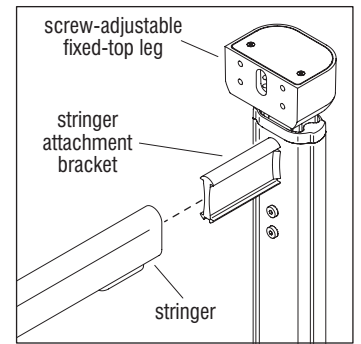
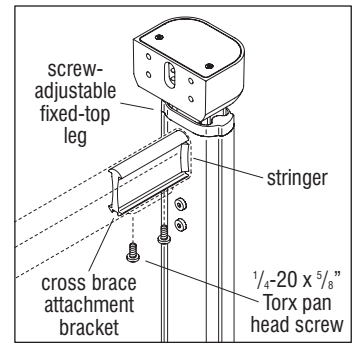


Figure 2



Detail B



Detail C

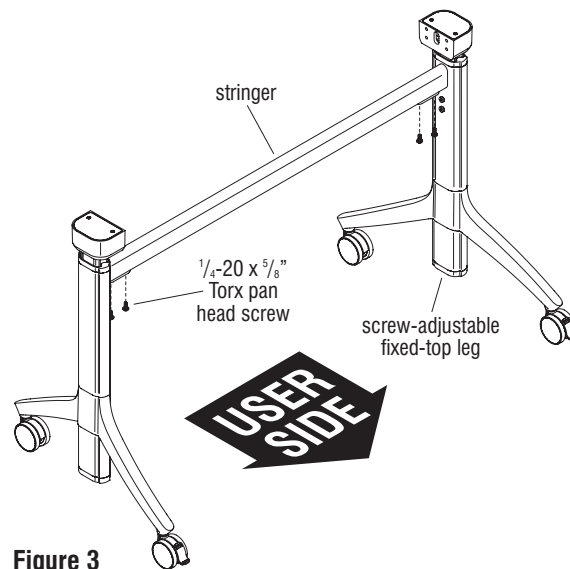
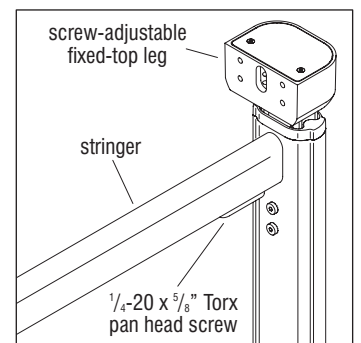



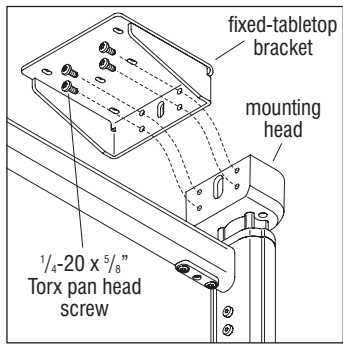
Figure 3



Detail D



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail E - (underside view)

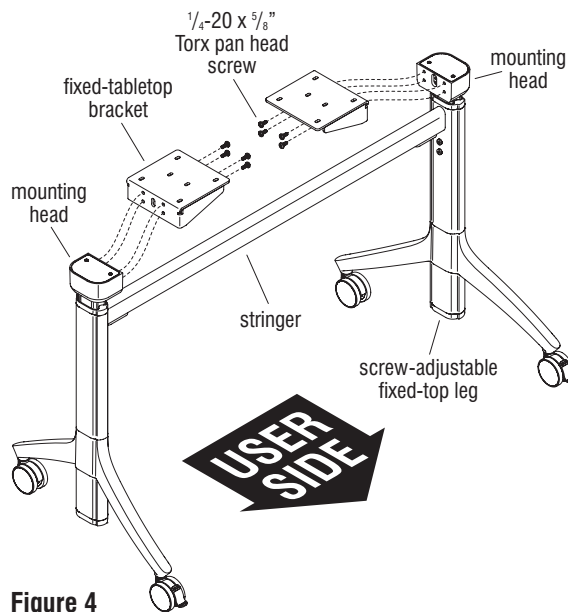


Figure 4

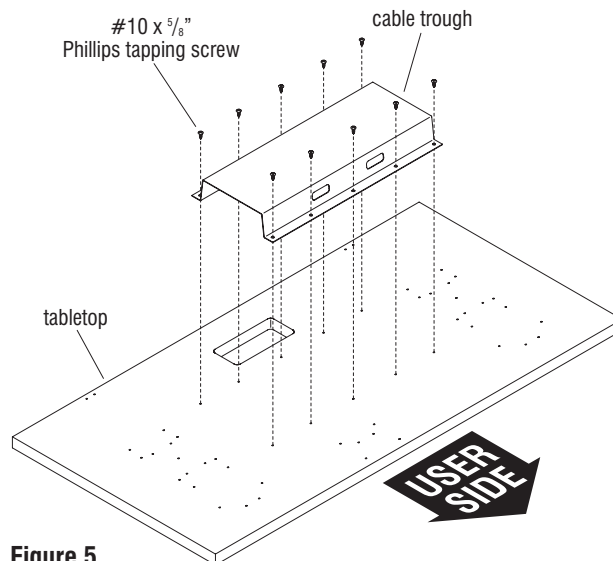


Figure 5

Fixed-Tabletop Brackets Installation

- Lower a fixed-tabletop bracket into position next to a mounting head as illustrated. Align the four mounting holes on the fixed-tabletop bracket with the four side mounting head holes and secure using $1/4-20 \times 5/8$ inch Torx pan head screws. Repeat this step to install the second fixed-tabletop bracket to the opposite mounting head (Figure 4 & Detail E).

Cable Trough Installation

- Carefully place the tabletop upside down on a soft, protective surface. Take note that the "user side" of the tabletop has pilot holes for the cable actuator assembly near the middle, front edge (Figure 5).
- Position the cable trough over the tabletop underside as illustrated, with the two smaller rectangular openings in the trough facing the user side of the table. Align the cable trough mounting holes with the pre-drilled holes in the underside of the tabletop and secure using ten $\#10-16 \times 5/8$ inch Phillips tapping screws. Do not over-tighten (Figure 5).



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Fixed-Top Table Support Assembly Installation

- Carefully set the screw-adjustable height fixed-top base assembly upside down onto the tabletop. If the table being assembled has casters, orient the locking casters to be facing the user side of the table, as illustrated. Align each fixed-tabletop bracket's mounting holes with the tabletop mounting holes and secure using four #12 x 1" Phillips pan head tapping screws per plate (Figure 6).

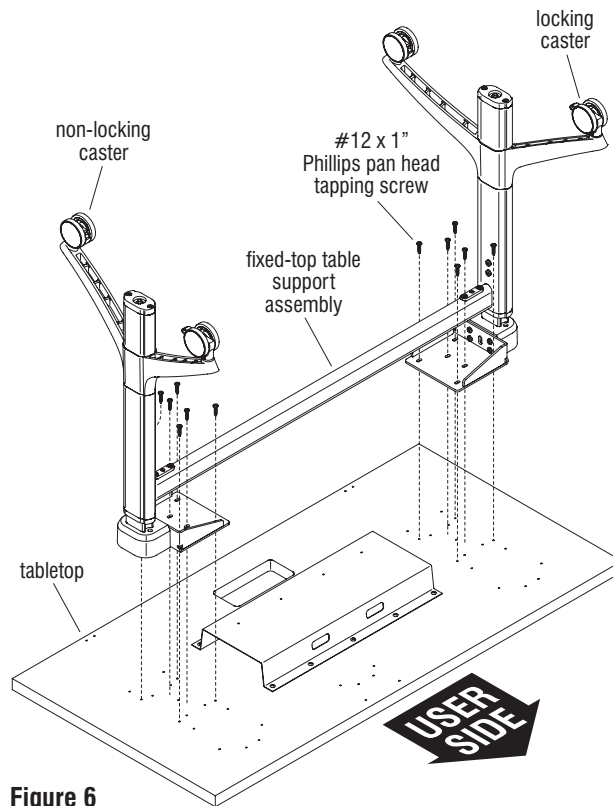
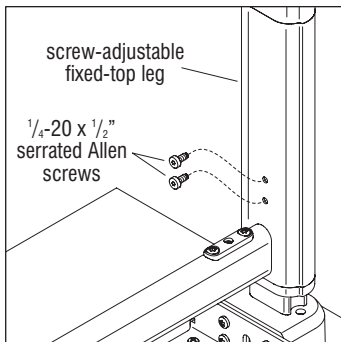


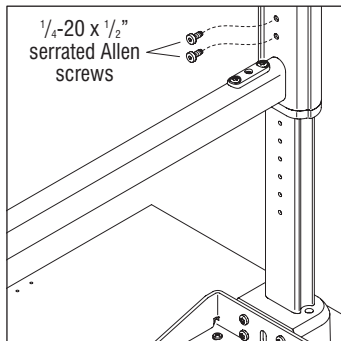
Figure 6



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail F



Detail G

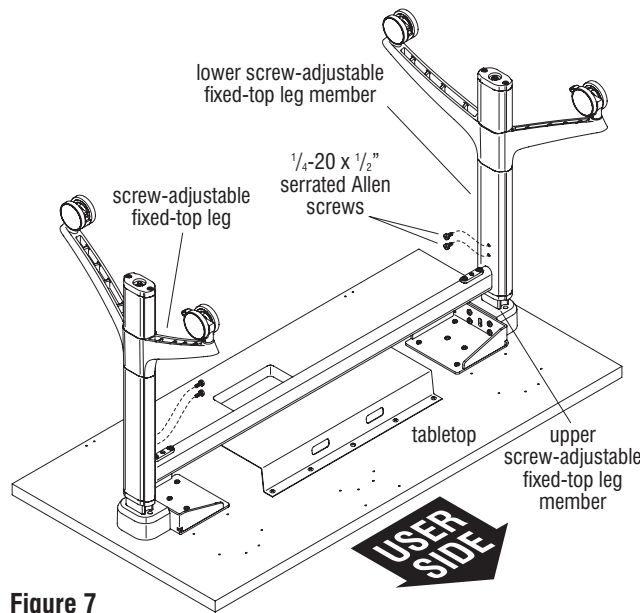


Figure 7

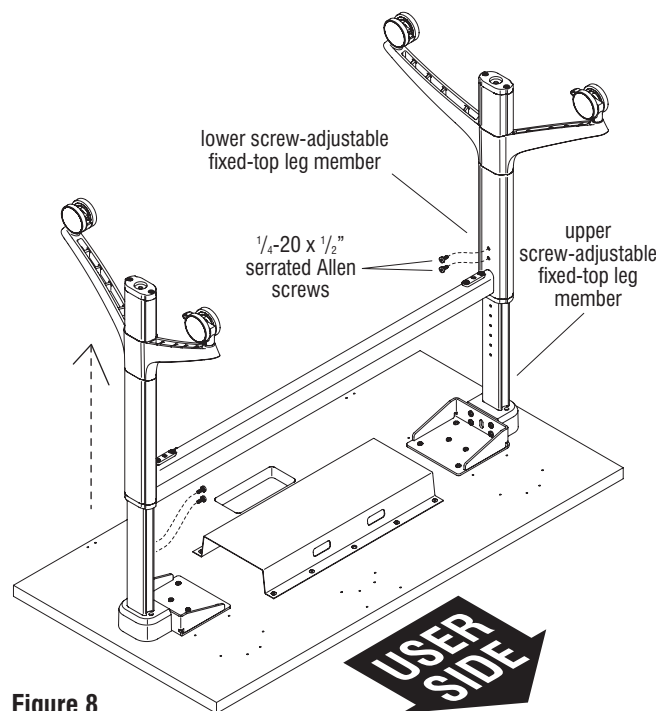


Figure 8

Table Height Adjustment

15. With the table upside down on a soft, protective surface, remove the two 1/4-20 x 1/2" serrated Allen screws from each lower screw-adjustable fixed-top leg member. Move the lower leg members up or down to the desired height (1" increments). Align the two adjustment holes on the lower member with the two holes on the upper leg member and secure to the desired height with the four previously removed 1/4-20 x 1/2" serrated Allen screws (Figures 7 & 8, Details F & G).

16. If the table being assembled will receive power, proceed to "Power Module Overview" instructions on page 38. If the table being assembled does not require power, but requires a grommet, proceed to "Grommet Overview" instructions on page 43. If the table being assembled does not require power or grommets but requires a modesty panel, proceed to "Modesty Panel Overview" instructions on page 47. If the table being assembled does not require power, grommet or a modesty panel, carefully turn the table into the upright position and move the table to the final location of use.



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Power Module Overview

Note: Although the figures throughout the “Power Module” instructions illustrate a pneumatic-adjustable height nesting-top base table, the instructions apply to all Tributaire training tables. Your configuration may vary.

Note: If the Tributaire training table being assembled requires a power module, reference the following sections below based on the power module your table requires: Reference page 38 for Dean in-surface power modules, page 39 for Dean undersurface power modules, page 40 for Dubbel undersurface power modules, page 41 for Nacre in-surface pop-up power modules or page 42 for Node in-surface power modules.

Dean® In-Surface Power Module Installation

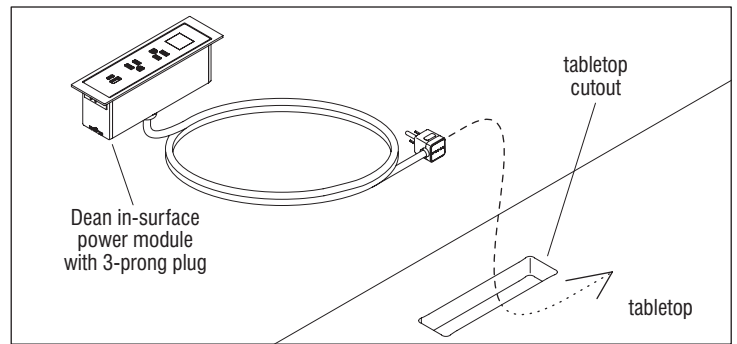
1. With the assembled table in the upright position, orient the Dean in-surface power module as shown and route the plug end down through the tabletop cutout in the tabletop. Press the module down firmly into the cutout (Figure 1 & Detail A).
2. At the underside of the Dean in-surface power module, at each end are two horizontal channels which the clamp bracket assemblies slide into. Position each clamp bracket assembly so the screws are oriented away from the power module, as illustrated in Detail B. Insert a clamp bracket into the two channels on each end of the power module, sliding each in until the top bracket is completely engaged with the channel (Detail C).
3. Using the screws on the clamp bracket assembly, tighten the screws to the tabletop underside to secure the Dean in-surface power module in place to the tabletop (Detail C).
4. Select the appropriate data plate adapter for the phone/data jack to be used and carefully remove from injection molded tree (Detail D).

Note: Jacks are sold by separate companies and are not supplied with the module.

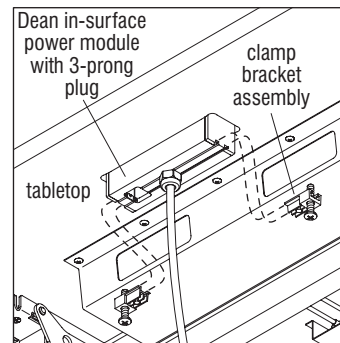
5. Wire the jack appropriately to the data plate and snap the data plate assembly into the module grommet opening as shown (Detail E).

Note: Depending on style of data jack used, it may be necessary to route the phone/data cord through the module grommet opening and data plate to install. Each installation may vary.

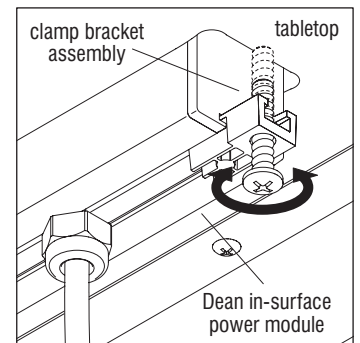
6. Proceed to “Wire Management Overview” instructions on page 44.



Detail A



Detail B - (underside view)



Detail C - (underside view)

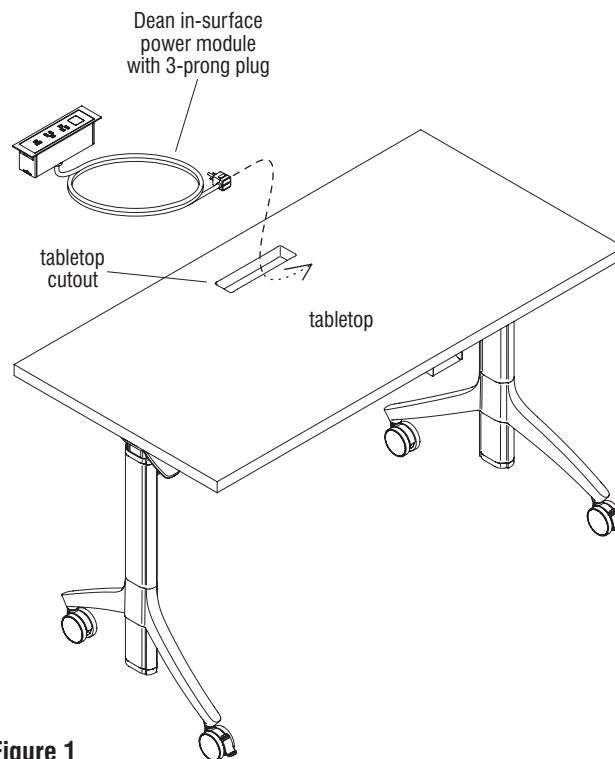
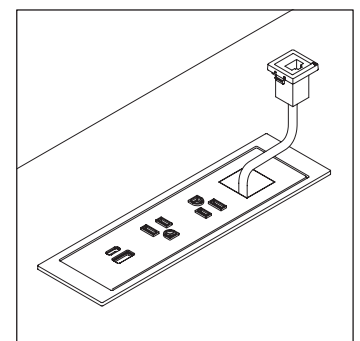


Figure 1

Data Adapter Plates	
BBB	L-Com Keystone Modular, NETCONNECT and 110 Connect Series Modular Jack, Siemon ZMAX Style, Allen Tel Versa Tap Series, Leviton Quick Port Series, Belden REVConnect, HDMI Adapter Cable.
CCC	Hubbell Nextspeed Keystone Series, ADC Truenet Series
DDD	Blank (no coupler/jack)
EEE	Ortronics Tracjack Series
FFF	Panduit Mini-Com Series
HHH	Video Monitor Jack/DB-15

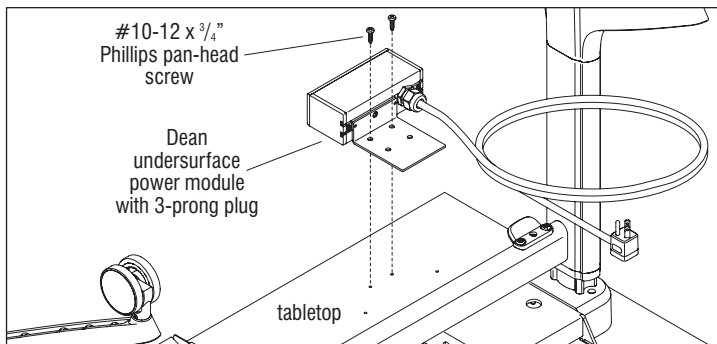
Detail D



Detail E



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail F - Left or Right Aligned Dean Mounting Holes

Dean® Undersurface Power Module Installation

1. Align the mounting holes of the Dean undersurface power module with one of the two sets of Dean pre-drilled mounting hole locations underneath the front, user side of the tabletop as illustrated (Figure 2 and Detail F). Secure the Dean power module to the tabletop using two #10-12 x 3/4" Phillips pan head screws (Figure 2 & Detail F).
2. Proceed to "Wire Management Overview" instructions on page 44.

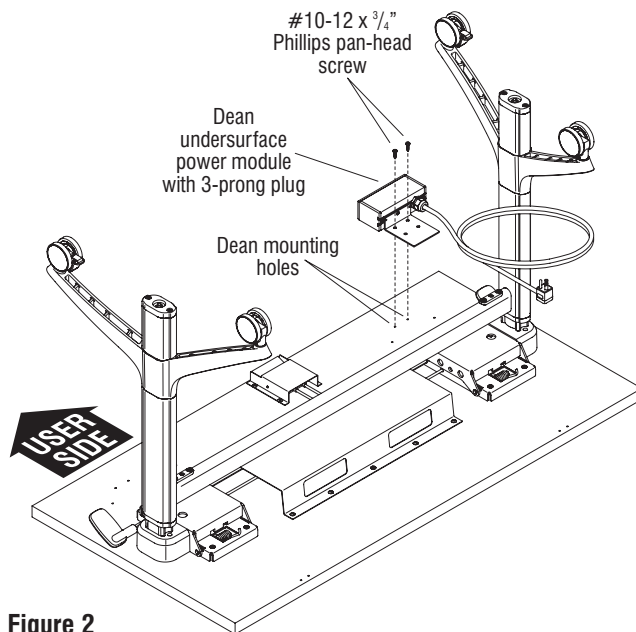


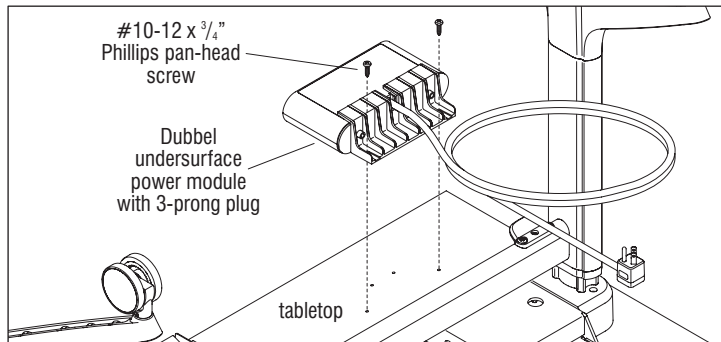
Figure 2



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Dubbel Undersurface Power Module Installation

1. Align the mounting holes of the Dubbel undersurface power module with one of the two sets of Dubbel pre-drilled mounting hole locations underneath the front, user side of the tabletop as illustrated (Figure 3 and Detail G). Secure the Dubbel power module to the tabletop using two #10-12 x 3/4" Phillips pan head screws (Figure 3 & Detail G).
2. Proceed to "Wire Management Overview" instructions on page 44.



Detail G - Left or Right Aligned Dean Mounting Holes

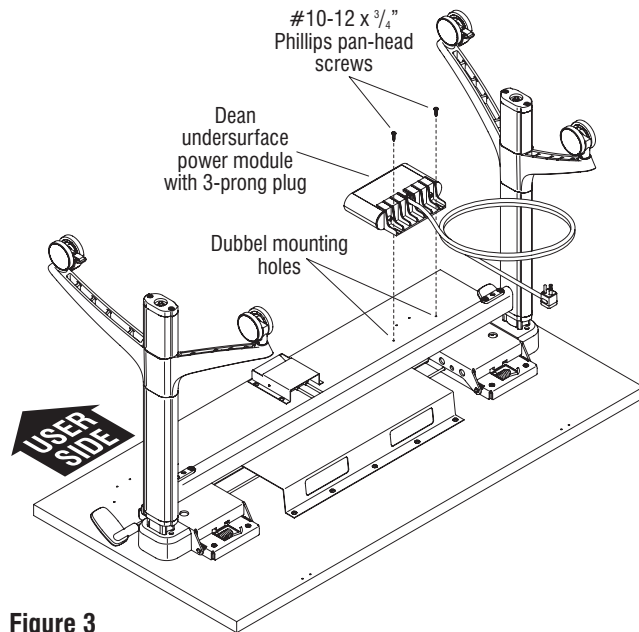
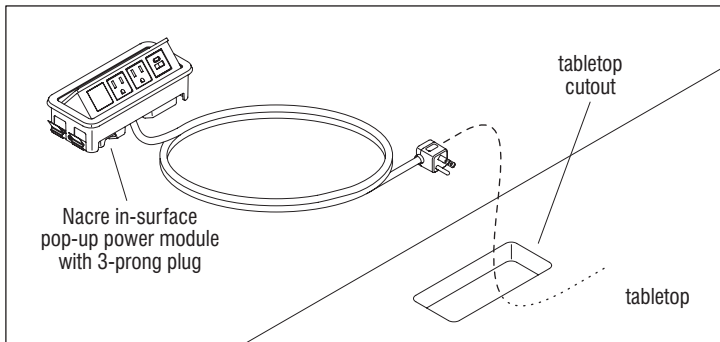


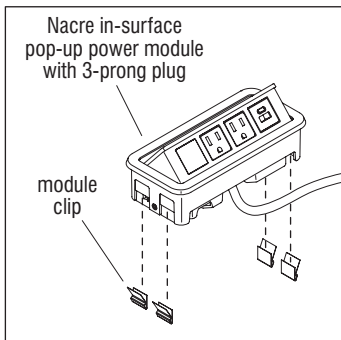
Figure 3



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



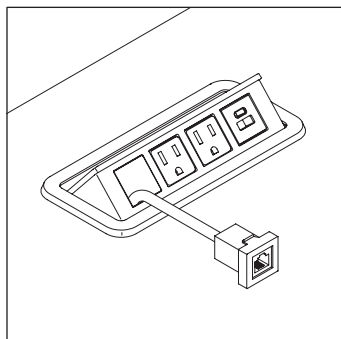
Detail H



Detail I

	Data Adapter Plates
BBB	L-Com Keystone Modular, NETCONNECT and 110 Connect Series Modular Jack, Siemon ZMAX Style, Allen Tel Versa Tap Series, Leviton Quick Port Series, Belden REVConnect, HDMI Adapter Cable.
CCC	Hubbell Nextspeed Keystone Series, ADC Truenet Series
DDD	Blank (no coupler/jack)
EEE	Ortronics TracJack Series
FFF	Panduit Mini-Com Series
HHH	Video Monitor Jack/DB-15

Detail J



Detail K

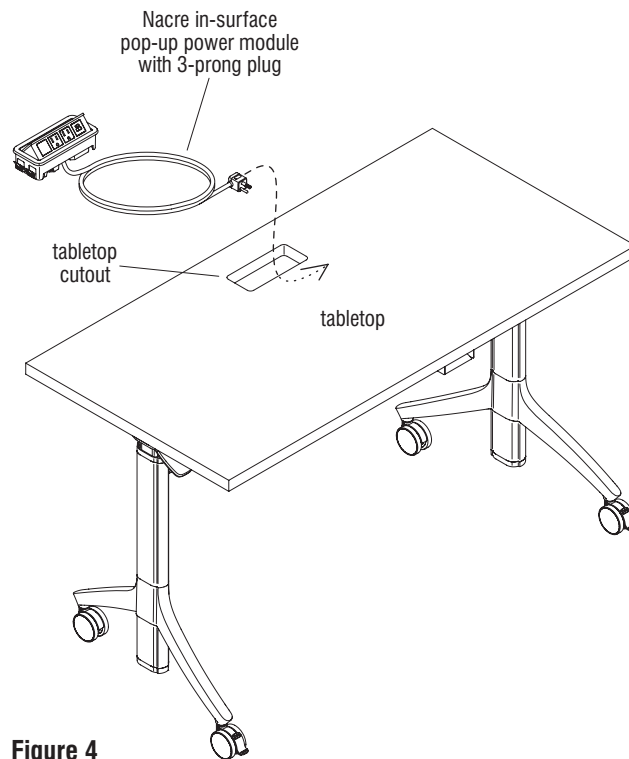


Figure 4

Nacre® In-Surface Pop-Up Power Module Installation

1. Attach four module clips, two at each end, onto the sides of the Nacre in-surface pop-up power module as illustrated (Detail I).
2. With the assembled table in the upright position, orient the Nacre in-surface pop-up power module as shown and route the plug end down through the tabletop cutout. Press the module down firmly into the cutout to secure in place, making sure the two clips on each side of the module catch under the cutout bottom edge of the tabletop (Figure 4 & Detail H).
3. Select the appropriate data adapter plate for the phone/data jack to be used and carefully remove from injection molded tree (Detail J).
Note: Jacks are sold by separate companies and are not supplied with the module.
4. Wire the jack appropriately to the data plate and snap the data plate assembly into the module grommet opening as shown (Detail K).
5. Proceed to "Wire Management Overview" instructions on page 44.



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Node In-Surface Power Module Installation

1. Orient the Node in-surface power module consistently straight, as shown and route the plug end down through the tabletop cutout. Press the module down completely into the cutout assuring it is straight, and consistent with other tables, if being assembled (Figure 4 & Detail L).
2. Guide the locking ring up the power cord to the Node in-surface power module, then thread the locking ring up the power module, tight to the underside of the tabletop (Details M & N).
3. Assure that the power module is straight as desired on the tabletop. Hold the power module by hand from underneath, then more completely tighten the locking ring by using a large locking pliers, or a hammer and flat blade screwdriver to tap on a ridge of the ring to rotate and tighten as illustrated (Detail N).
4. Proceed to "Wire Management Overview" instructions on page 44.

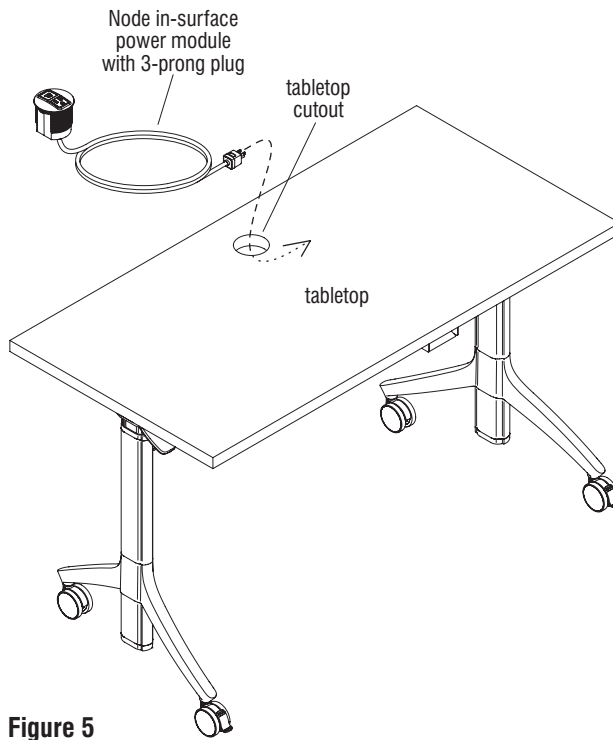
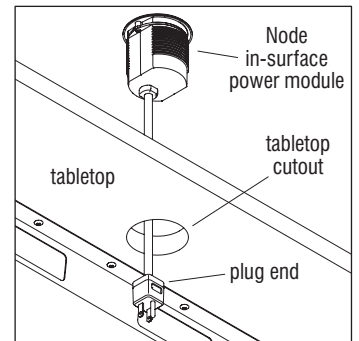
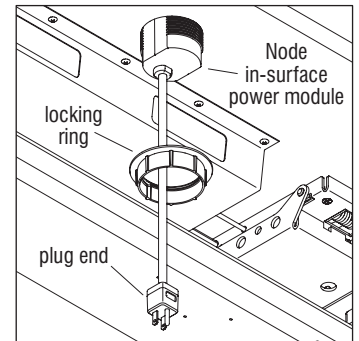


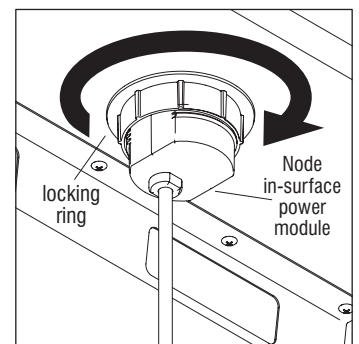
Figure 5



Detail L - (underside view)



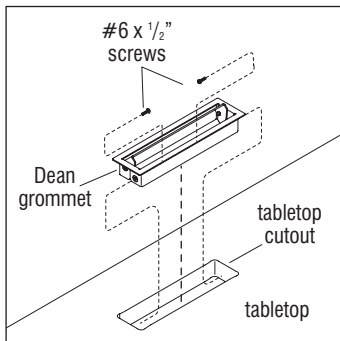
Detail M - (underside view)



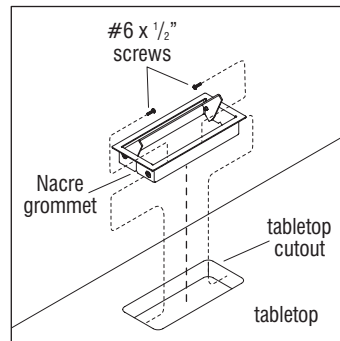
Detail N - (underside view)



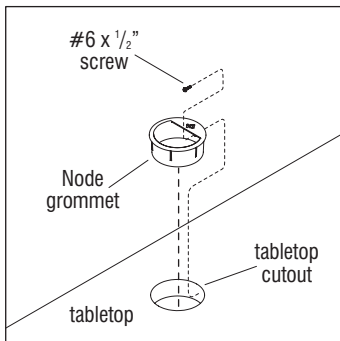
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail A - Dean Grommet



Detail B - Nacre Grommet



Detail C - Node Grommet

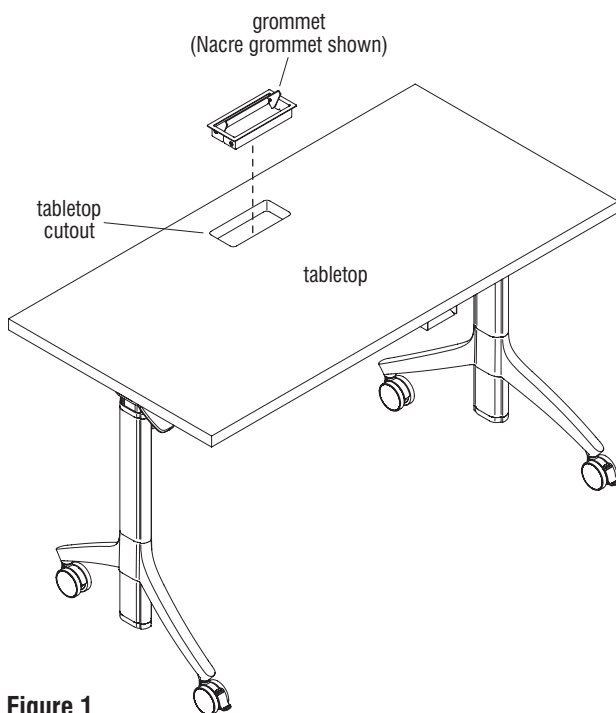


Figure 1

Grommet Overview

Note: Although the figures throughout this “Grommet” instructions illustrate a pneumatic-adjustable height table, the instructions apply to all Tributaire training tables. Your configuration may vary.

Note: If the tables being assembled require a Dean or Nacre grommet installed into any tabletop cutouts, proceed to “Dean & Nacre Grommet Installation” instructions below. If a Node grommet is required, proceed to “Node Grommet Installation” instructions on this page.

Dean & Nacre Grommet Installation

1. Position the Dean or Nacre grommet above the tabletop cutout with the lid opening towards the user (Figure 1 & Detail A or B).
2. Push the grommets into each cutout, tapping lightly with a rubber mallet if required. Use caution to avoid scratching the grommet (Figure 1 & Detail A or B).
3. Secure the grommet to the tabletop by inserting two #6 x 1/2” screws through the holes on the inside of the module into the cut edge of the top (Detail A or B).
4. Proceed to “Wire Management Overview” instructions on page 44.

Node Grommet Installation

1. Position the Node grommet above the tabletop cutout as illustrated (Figure 1 & Detail C).
2. Push the grommet into the cutout, tapping lightly with a rubber mallet if required. Use caution to avoid scratching the grommet (Figure 1 & Detail C).
3. Secure the grommet to the tabletop by inserting one #6 x 1/2” screw through the hole on the inside of the module into the cut edge of the top (Detail C).
4. Proceed to “Wire Management Overview” instructions on page 44.



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Wire Management Overview

Note: Although the figures throughout the “Wire Management” instructions illustrate a pneumatic-adjustable height nesting-top base table, the instructions apply to all Tributaire training tables. Your configuration may vary.

Note: If the Tributaire training table being assembled requires wire management, reference the following sections below based on the wire manager your table requires: Reference page 44 for vertical wire manager, page 45 for strain relief clips, or page 46 for Velcro wire managers.

Vertical Wire Manager Installation

1. Position the vertical wire manager in the desired location against the leg which is closest to a power source. Align the vertical wire manager centered, straight along the leg, and top of the wire manager to be 2” down from the bottom of the stringer. Then mark the location of the wire manager and move the unit away (Figure 1).

2. Remove the adhesive backing from the vertical wire manager to expose the adhesive surface. Position the wire manager back to the marked location, centered on the leg, and press firmly along the adhesive area (Figure 1).

Caution: The adhesive on the vertical wire manager will need twelve hours to fully cure after it has been applied to the leg, before it can be used to route wires.

3. Once the adhesive on the vertical wire manger has cured for at least twelve hours, insert the power module cord into the wire manager (Figure 2).

4. If the table being assembled requires an optional modesty panel, proceed to “Modesty Panel Overview” instructions on page 47, otherwise proceed to “Connections to Power Source - Power Modules with 3-Prong Plug” instructions on page 48.

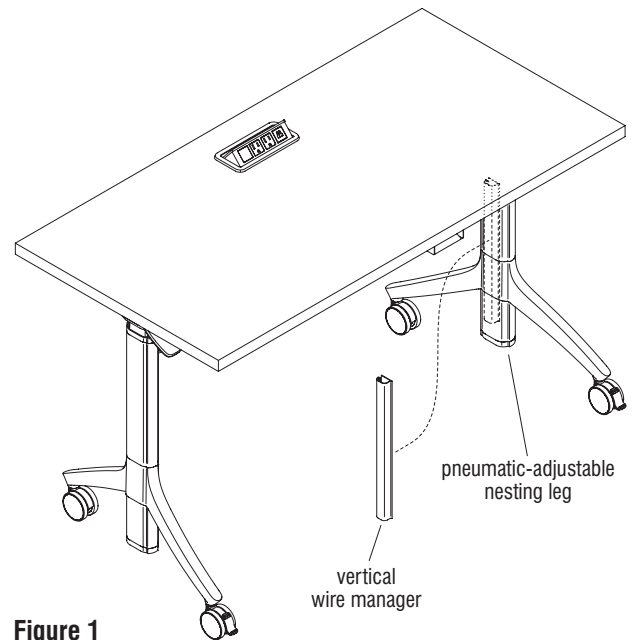


Figure 1

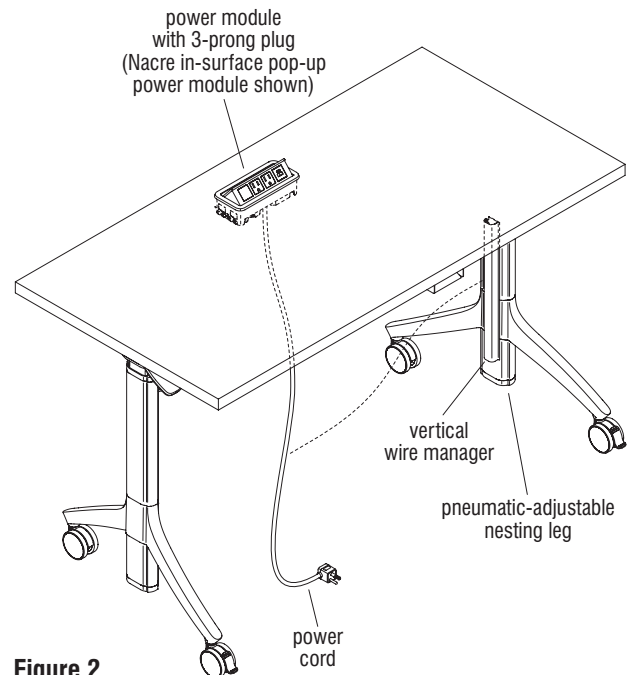
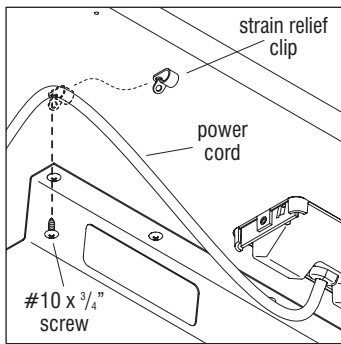


Figure 2



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail A - (underside view)

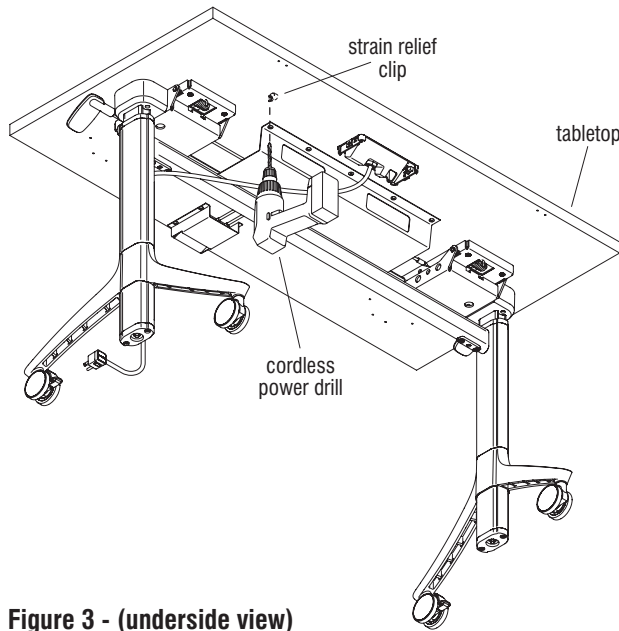


Figure 3 - (underside view)

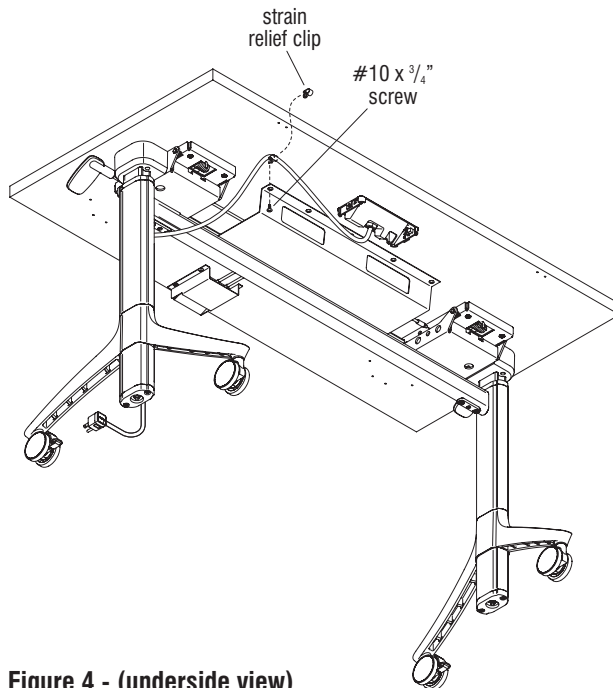


Figure 4 - (underside view)

Strain Relief Clip Installation

Note: The instructions below illustrate pre-drilling of mounting hole locations for cord strain relief clips, but unused pre-drilled holes at the underside of the tabletop may be used if desired. Install strain relief clips frequently to restrain the power module cables along the desired path underneath the tabletop. Your configuration may vary.

1. Locate strain relief clip and position it at the desired locations. Using the clip as a template, mark the desired mounting hole locations, then move the clips away (Figure 3).
2. Carefully bore a $\frac{1}{8}$ " diameter pilot hole at the center of the marked location, underneath the tabletop using a cordless power drill. Take care to not drill too deep, piercing the tabletop (Figure 3).
3. Insert the cable into the openings of the clips. Secure the clips to the tabletop using one $\#10 \times \frac{3}{4}$ " screw per clip (Figure 4 & Detail A).
4. If the table being assembled requires an optional modesty panel, proceed to "Modesty Panel Overview" instructions on page 47, otherwise proceed to "Connections to Power Source - Power Modules with 3-Prong Plug" instructions on page 48.

■ Tributaire™ Collection - Adjustable-Height Training Tables - Wire Management

Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Velcro® Wire Manager Installation

Note: Although the figures throughout the "Wire Management" instructions illustrate a pneumatic-adjustable height table, the instructions apply to all Tributaire tables. Your configuration may vary.

1. If the Velcro wire managers are being applied to a nesting-top base table, position a wire manager to the undersurface of each spring-loaded mechanism. If the wire managers are being applied to a fixed-top base table, position a wire manager to the undersurface of each fixed-tabletop bracket. If the table is a pneumatic-adjustable fixed-top base table, the wire manager will need to house the black cable housing of the actuator assembly (Figure 1 & Details B & C).
2. Remove the tape backing on the wire manager to expose the adhesive surface and apply firm pressure to the wire manager to set the adhesive.
3. Use the Velcro wire managers to strap the desired cords to the underside of the tabletop.

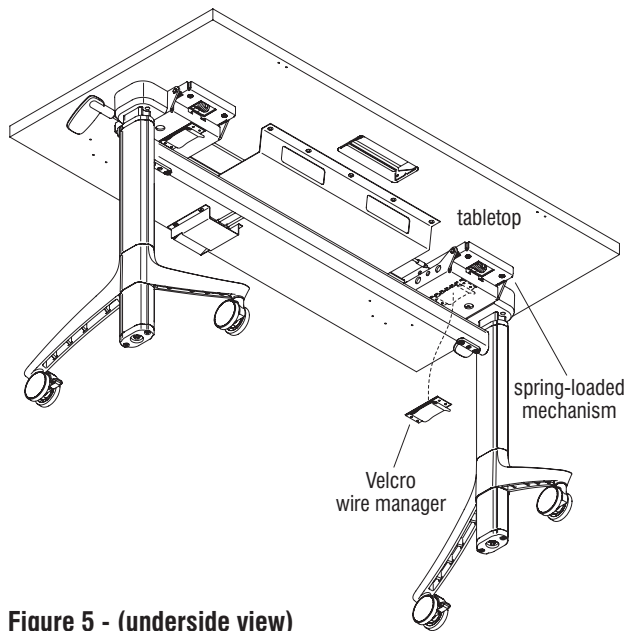
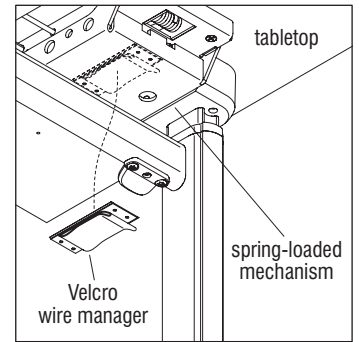
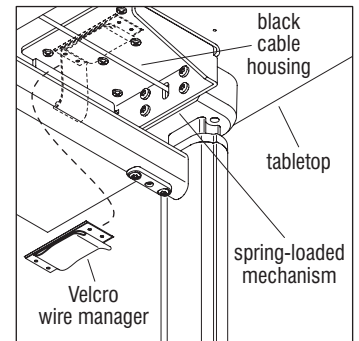


Figure 5 - (underside view)



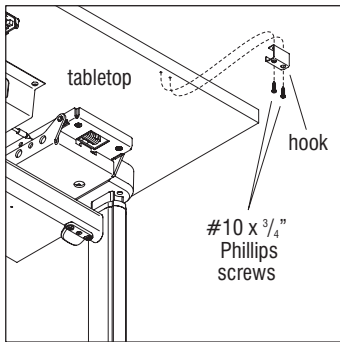
Detail B - (underside view)



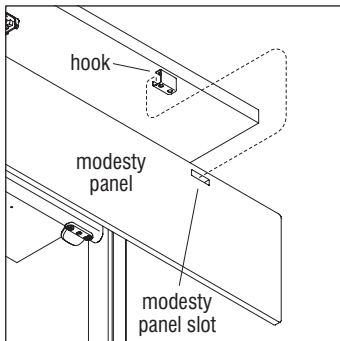
Detail C - (underside view)



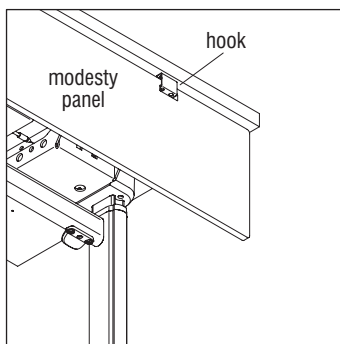
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail A - (underside view)



Detail B - (underside view)



Detail C - (underside view)

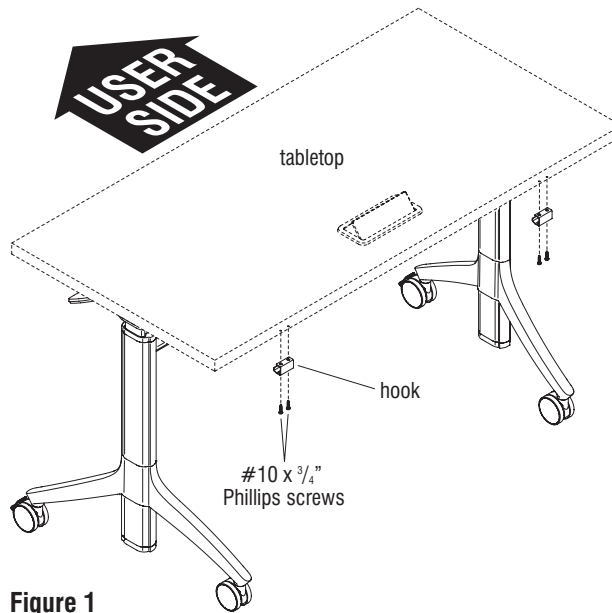


Figure 1

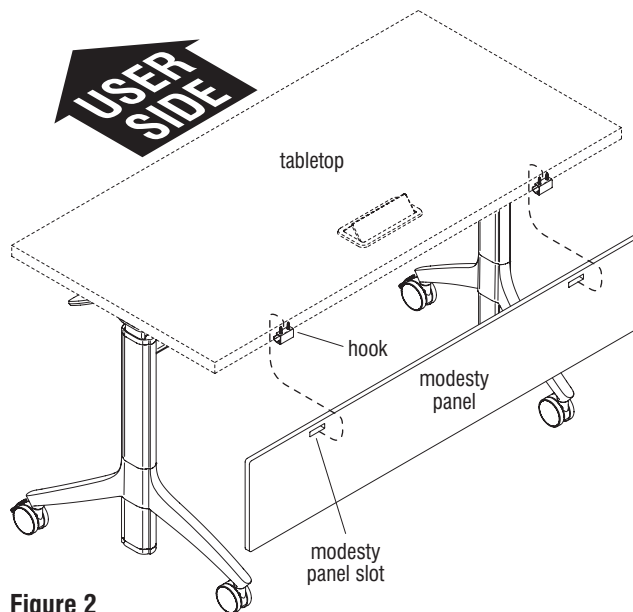


Figure 2

Modesty Panels Overview

Note: Although the figures throughout the "Modesty Panel" instructions illustrate a pneumatic-adjustable height nesting-top base table, the instructions apply to all Tributaire training tables. Your configuration may vary.

Polyester Felt Modesty Panel Installation

Note: The following instruction is for installing the Polyester Felt Modesty Panel to 30-84" wide Tributaire tables. Tables 48" wide require two hooks, and tables 54" or wider require three hooks. This instruction illustrates the modesty panel installation to 48" wide tables. Your configuration may vary.

1. Position one hook underneath the back, non-user side of the tabletop at the pre-drilled location as illustrated in Figure 1 & Detail A. Orient the hook to face the user side of the table. Align the mounting holes of the hook with the pre-drilled holes underneath the tabletop and secure using two #10 x 3/4" Phillips screws. Repeat this process to secure the remaining hooks to the table (Figure 1 & Detail A).
2. Position the modesty panel underneath the back, non-user side of the tabletop, near the hooks. Using the slots on the panel, hang the panel onto each hook (Figure 2, Details B & C).

■ Tributaire™ Collection - Adjustable-Height Training Tables - Connections to Power Source

Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

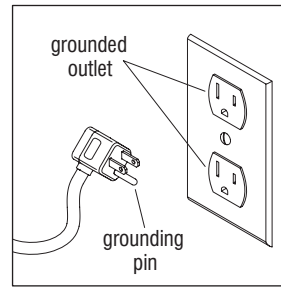
GROUNDING INSTRUCTIONS

This product is for use on a nominal 120-volt circuit and has a grounding plug that looks like the plug illustrated in Detail A. 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.

Connections to Power Source - Power Modules with 3-Prong Plug

Note: Although the figures throughout this “Connections to Power Source” instructions illustrate a pneumatic-adjustable height table with Nacre in-surface pop-up power module, the instructions apply to all Tributaire training tables and all available power modules. Your configuration may vary.

1. Place tables at their final location and lock the two front, user side casters in place on each table. (Figure 1).
2. Plug the power module into an outlet only after all other components have been installed.



Detail A

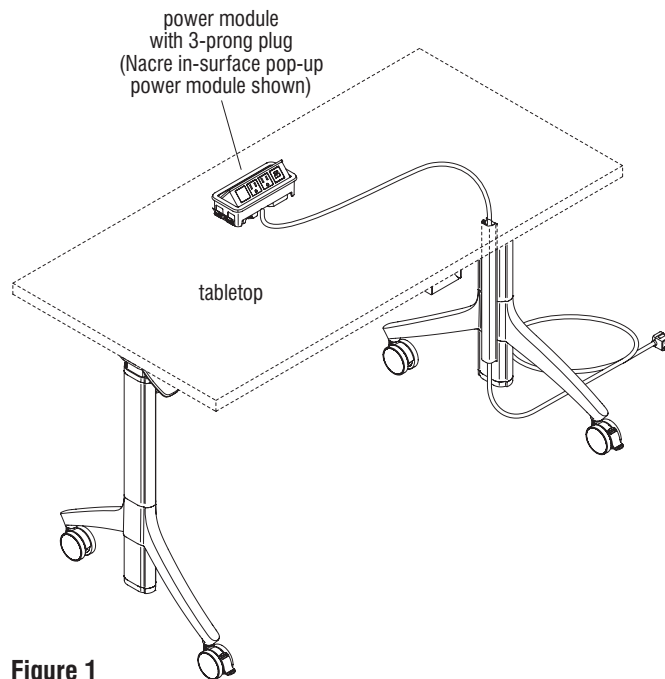
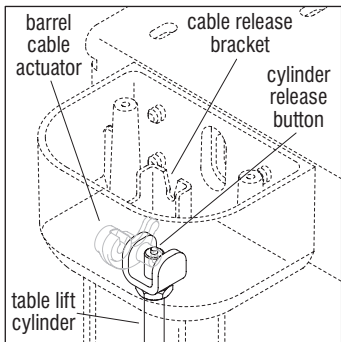


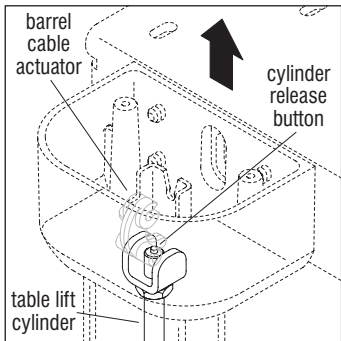
Figure 1



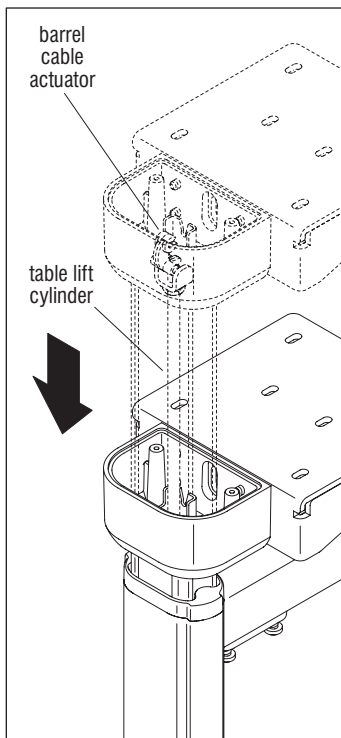
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail A



Detail B



Detail C

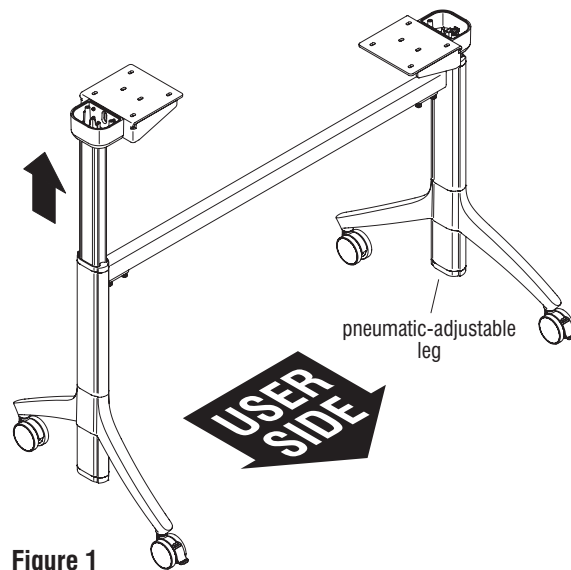


Figure 1

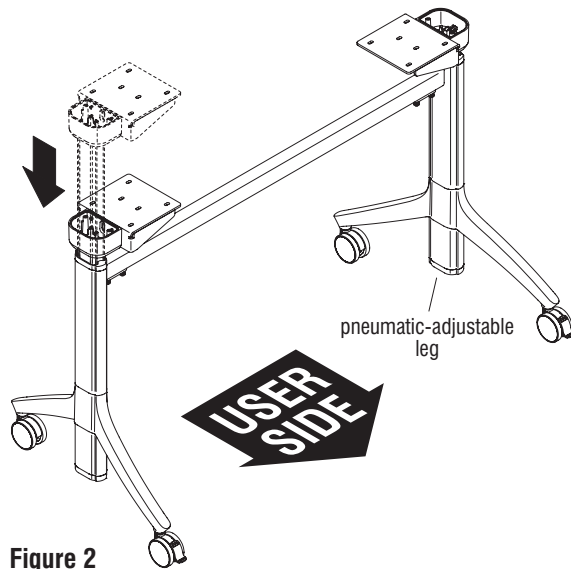


Figure 2

Lowering Pneumatic-Adjustable Leg Cylinder

Note: Although the figures throughout this “Troubleshooting” instructions illustrate a pneumatic-adjustable height fixed-top base table, the instructions apply to all Tributaire Pneumatic-Adjustable tables. Your configuration may vary.

1. If the barrel cable actuator presses down onto the cylinder release button on top of the table lift cylinder, the cylinder and leg will rise, and must be lowered back down (Figure 1 & Detail A).
2. Flip the barrel cable actuator up as illustrated (Detail B). Press the barrel cable actuator onto the cylinder release button to raise the table lift cylinder to its maximum height (Figure 1 & Detail B).
3. Press the barrel cable actuator firmly onto the cylinder release button and push the mounting head straight down with force until the leg reaches the lowest position, then quickly release the actuator from the button to stop the cylinder from rising up. If the button is released before the leg reaches the lowest position, go back to step 2 to start the process over. If the cable release bracket is lowered to within 1” inch of its proper lowest position, the table can still be assembled properly. Proceed back to “Nesting Support Assembly Installation” Instructions on page 7 or “Pneumatic-Adjustable Fixed-Top Leg Assembly Installation” instructions on page 19 (Figure 2 & Detail C).

■ **Tributaire™ Collection - Adjustable-Height Training Tables**
Assembly Instructions

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