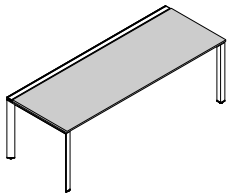
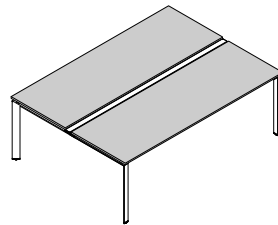


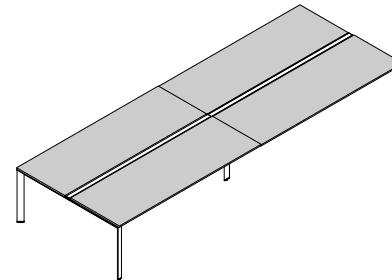
Single Bench
(Page 2)



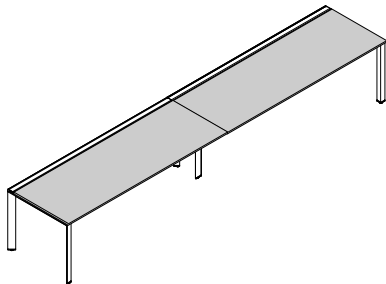
Dual Bench
(Page 32)



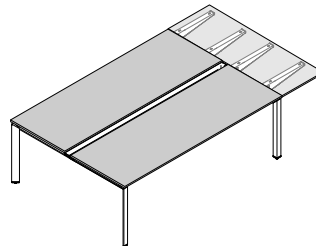
Dual to Dual Bench
(Page 41)



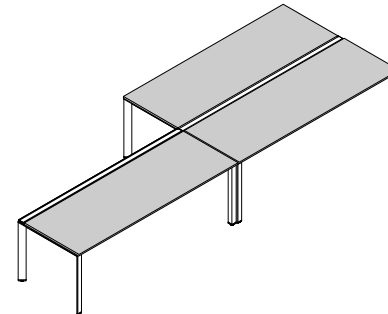
Single to Single Bench
(Page 16)



Dual Bench with End Counter
(Page 38)



Single to Dual Bench
(Page 44)

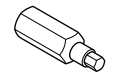
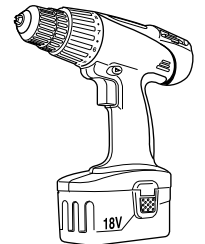


If you have a problem, question, or request, call your local dealer, or Steelcase Line 1 at **888.STEELCASE** (888.783.3522) for immediate action by people who want to help you.

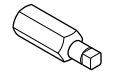
(Outside the U.S.A., Canada, Mexico, Puerto Rico, and the U.S. Virgin Islands, call: 1.616.247.2500)
Or visit our website: www.steelcase.com

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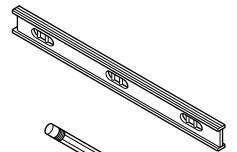
Printed in U.S.A.



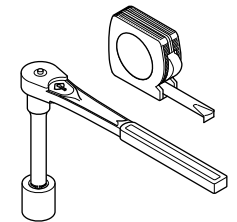
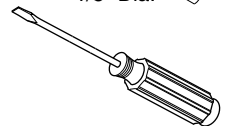
(5mm)
HEX DRIVE



SQUARE DRIVE

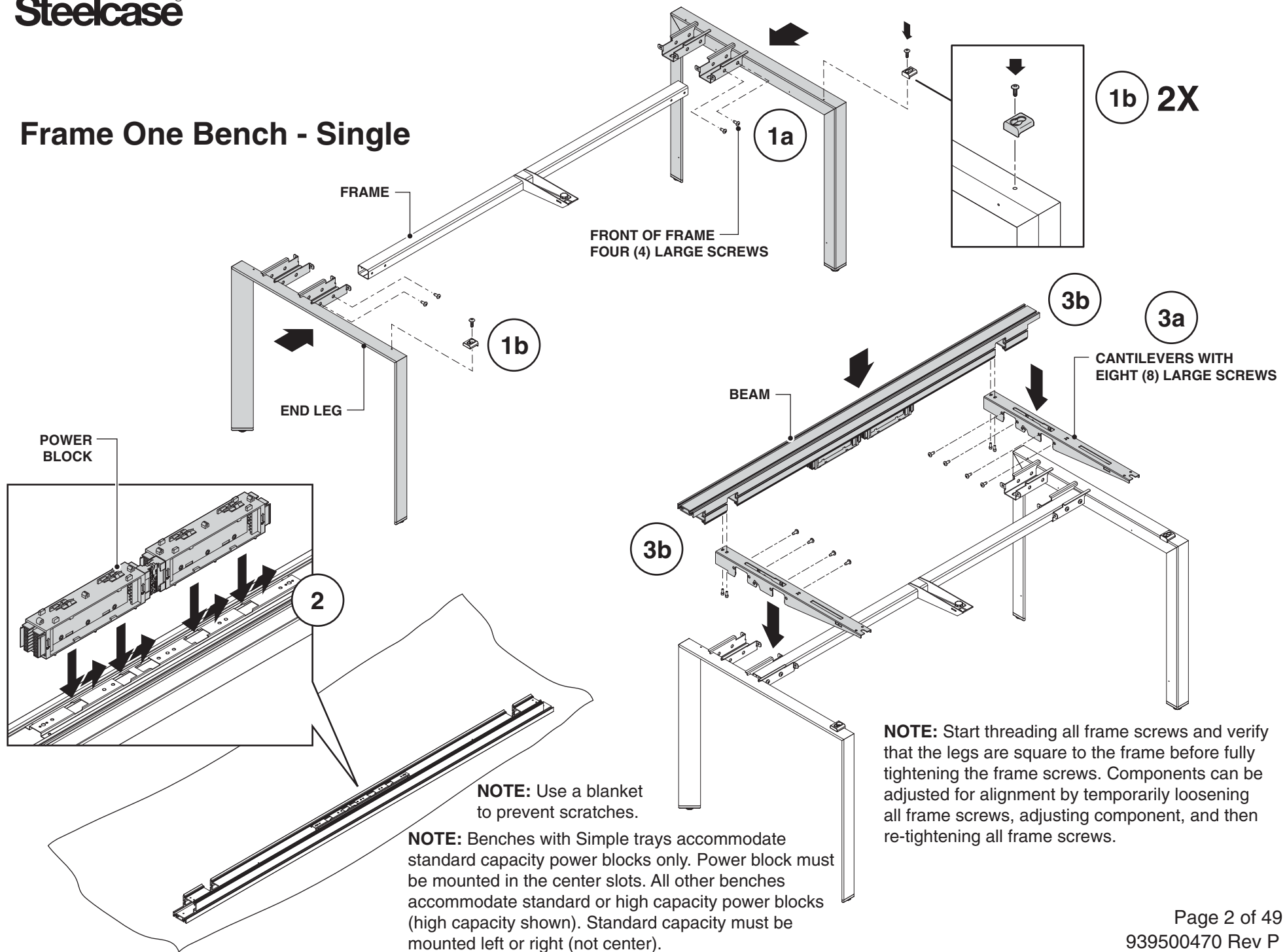


1/8" Dia.



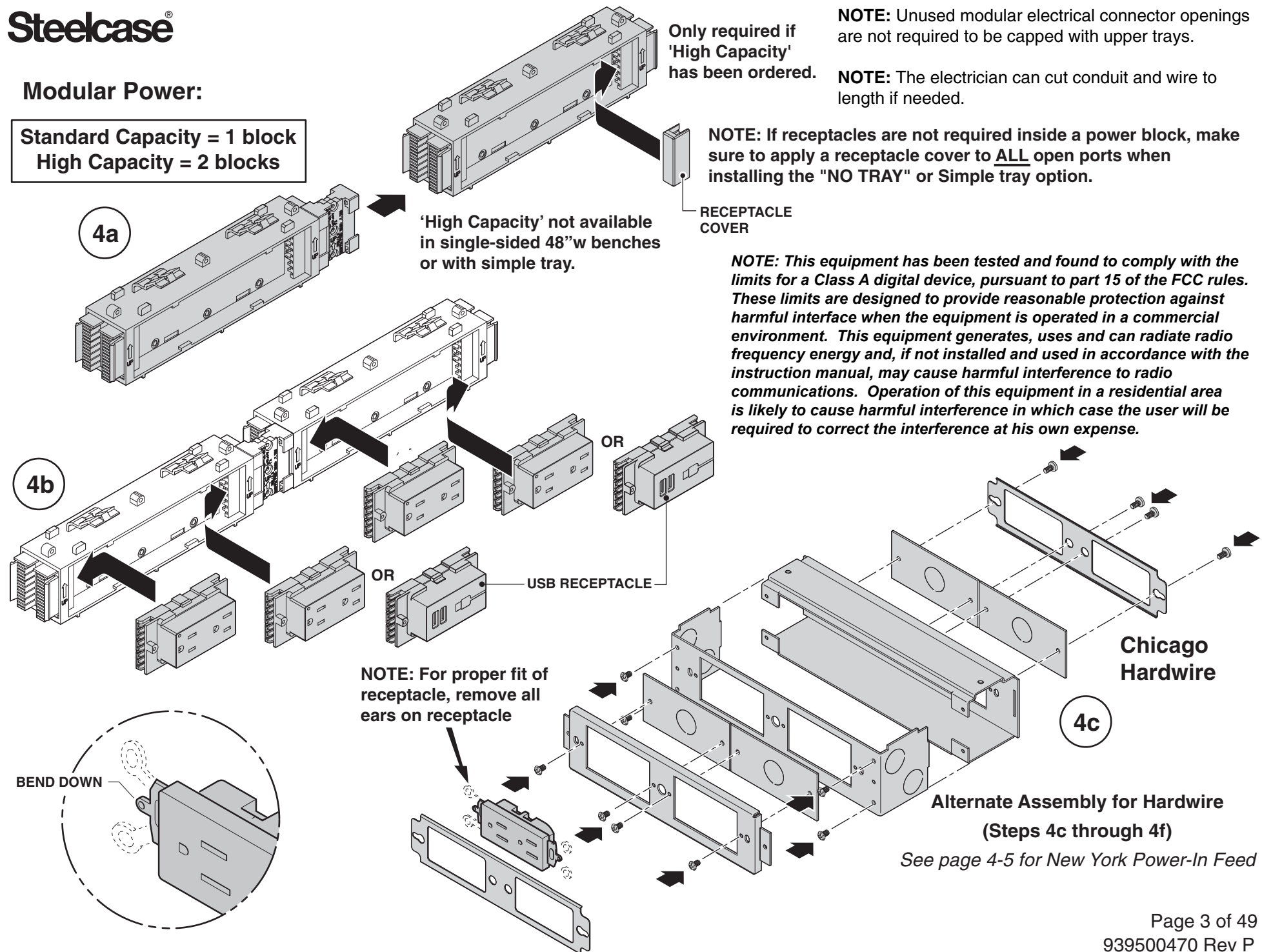
17mm Socket

Frame One Bench - Single

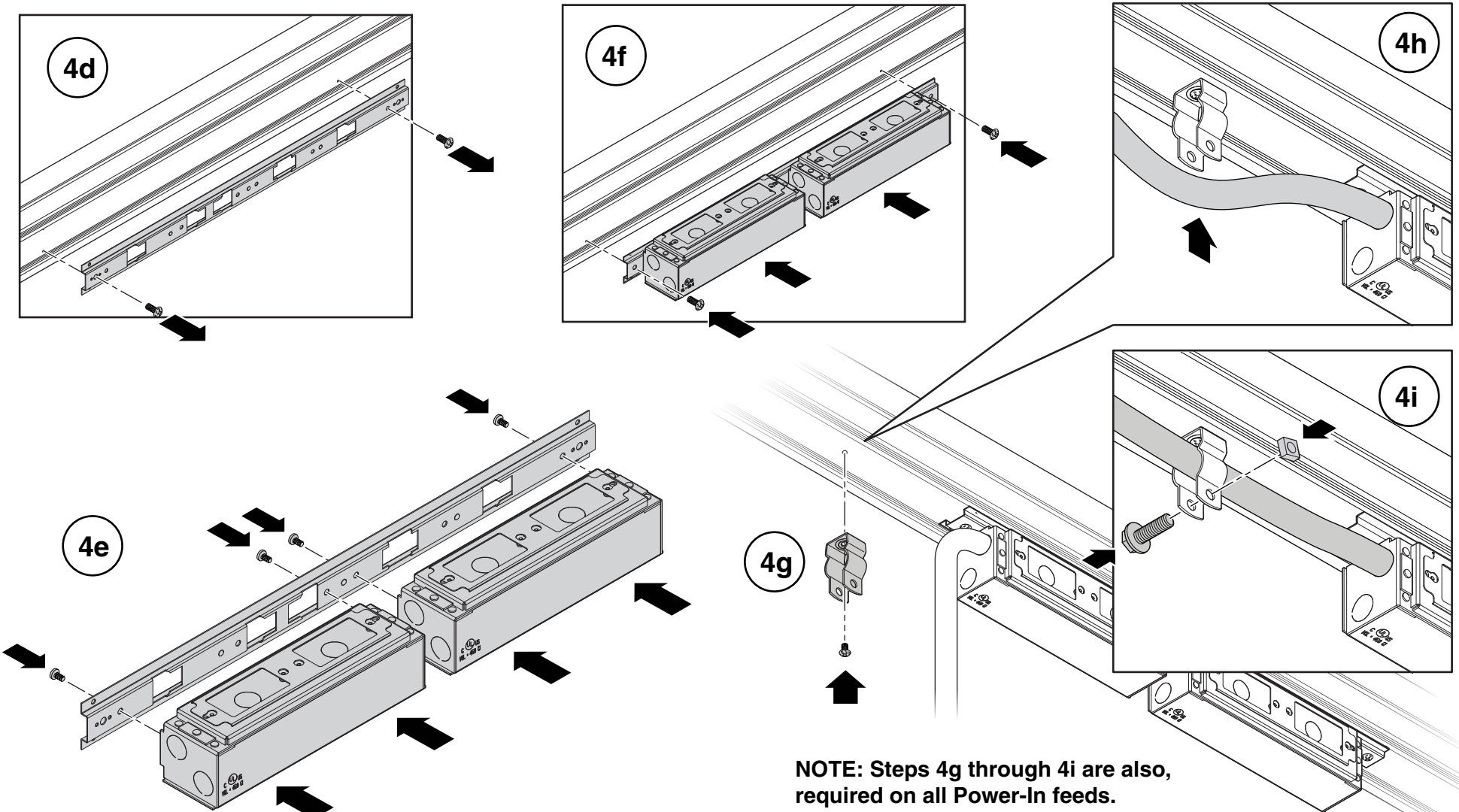


Modular Power:

Standard Capacity = 1 block
High Capacity = 2 blocks



Hardwire Version:

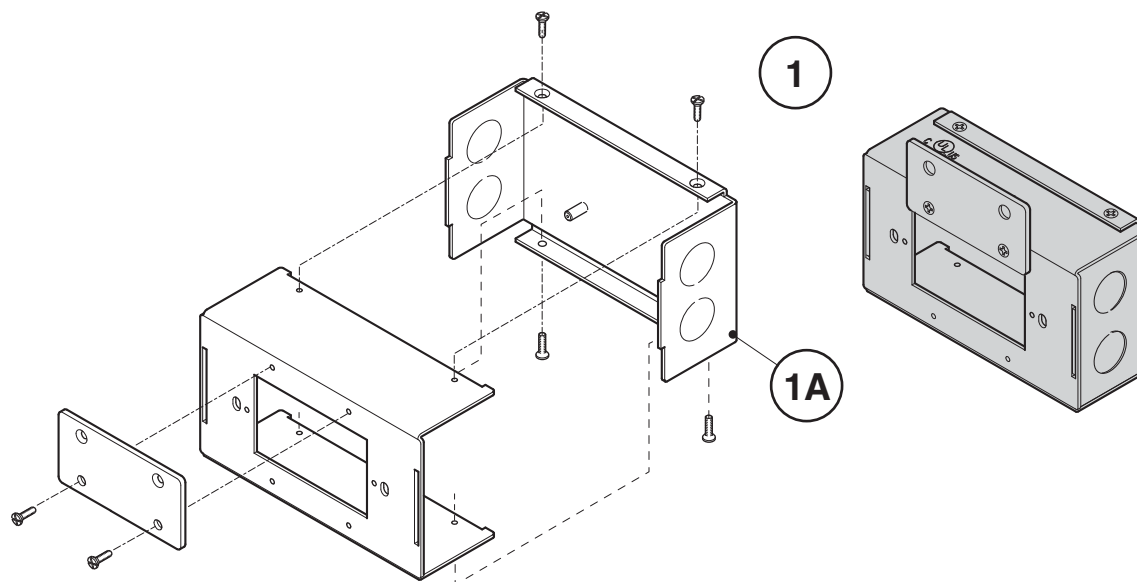


For Simple trays, one hardwire box installs centered on the bracket.

1. Assemble junction box, without cover.

NOTE: Determine which end of the desk frame the box will be mounted. Electrician to remove knockouts prior to mounting junction box.

The modular/hardwire harness provided is supplied for a maximum length desk and will need to be cut to length for shorter desks desired.



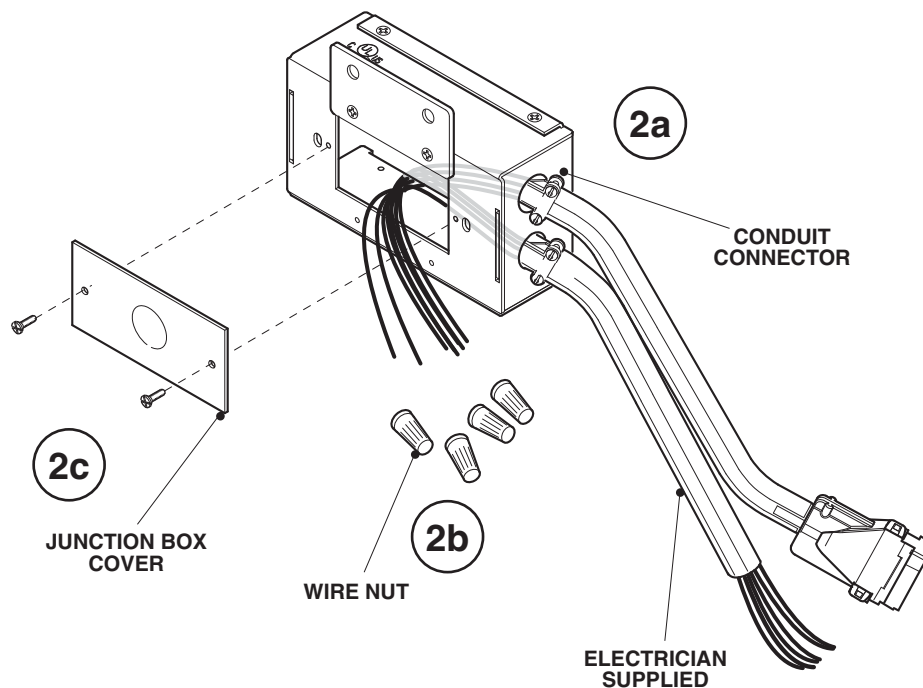
2. Measure length from the junction box to the modular connector (*plan junction box distance mounted 6" from cantilever. See page 5*).

Remove conduit connector before cutting modular/hardwire harness to length (2a). Reattach conduit connector, tighten nut, and secure to junction box.

Route modular/hardwire harness through knockout with electrician's power supply cable. Electrician to connect power source wires to the modular/hardwire harness with wire nuts (2b). Place connected power inside junction box and fasten junction box cover (2c).

NOTE: If nuts cannot be tightened, remove item 1A, tighten and reattach.

Harness route and trim may be completed after mounting junction box if desired.



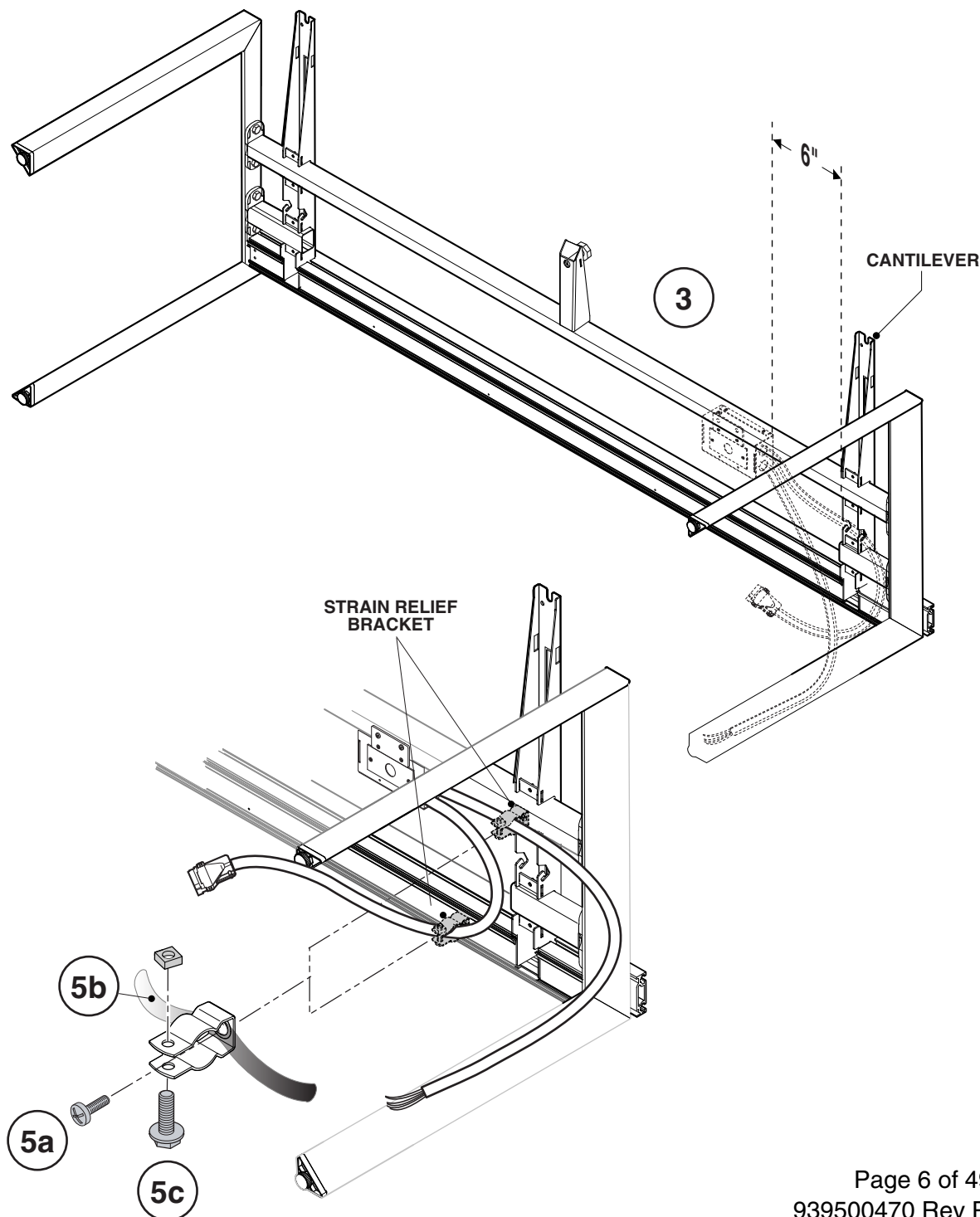
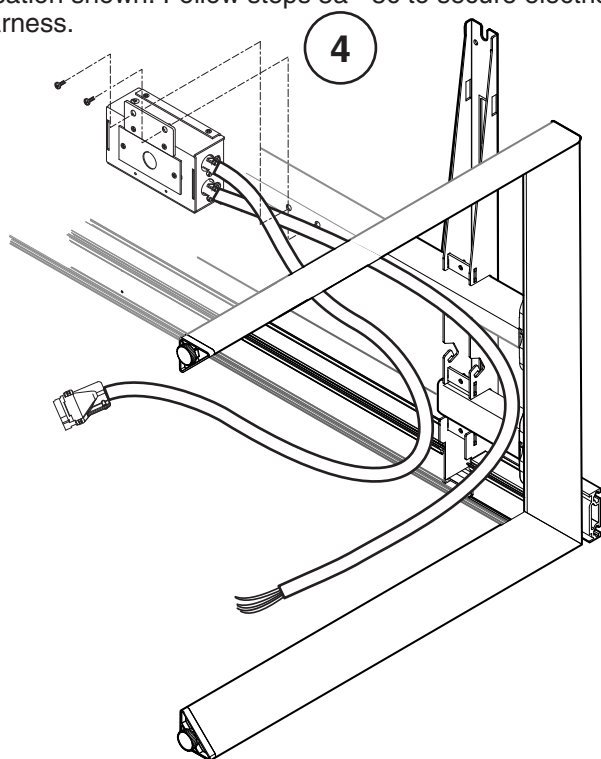
Assembly for New York Power-In Feed

3. Locate junction box 6" inward from the cantilever bracket on the underside of the frame. Align box and pre-drill holes for #10 screws, (#22 drill bit).

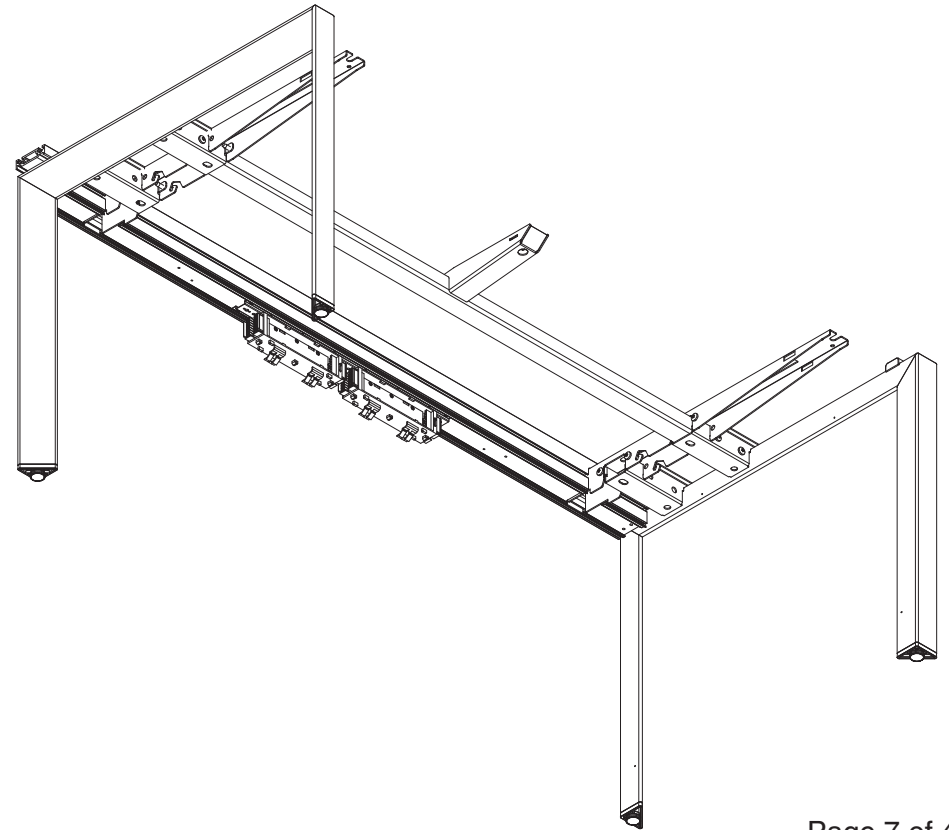
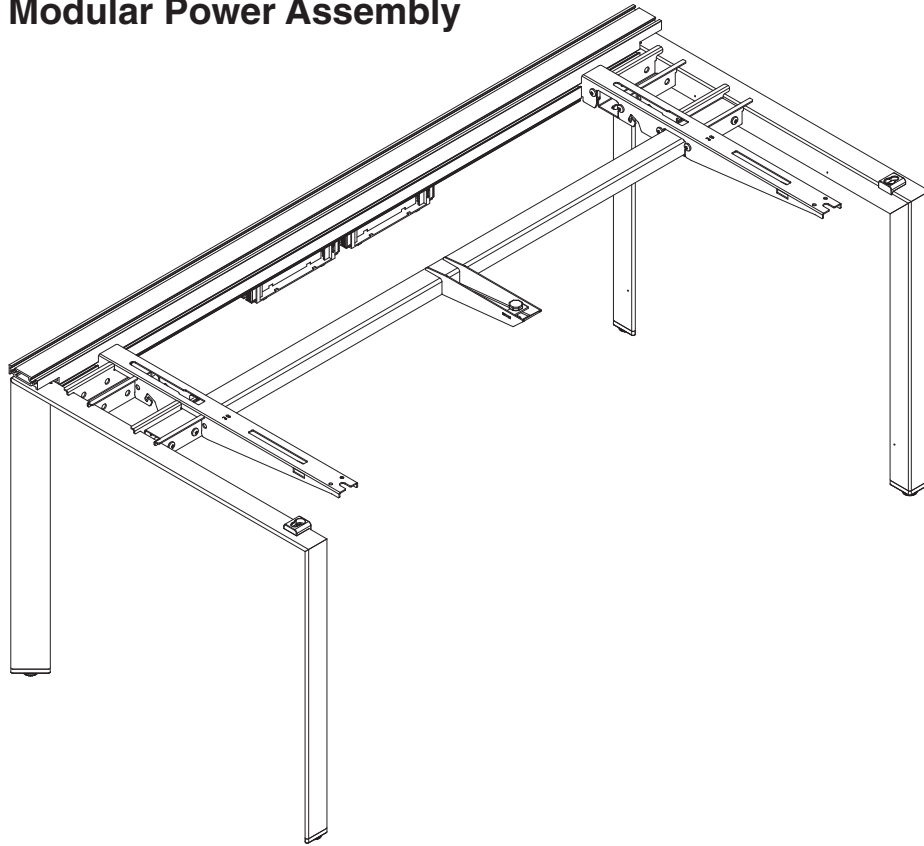
4. Attach the box with screws provided.

5. Drill pilot holes for strain relief brackets. Attach the harness strain relief bracket to the bottom side of the horizontal rail with screw provided (5a). Insert harness into the bracket (5b) and secure harness with nut and bolt (5c). Connect the modular end of the harness to the first modular power block.

Attach electrician supplied harness strain relief bracket in location shown. Follow steps 5a - 5c to secure electrician's harness.

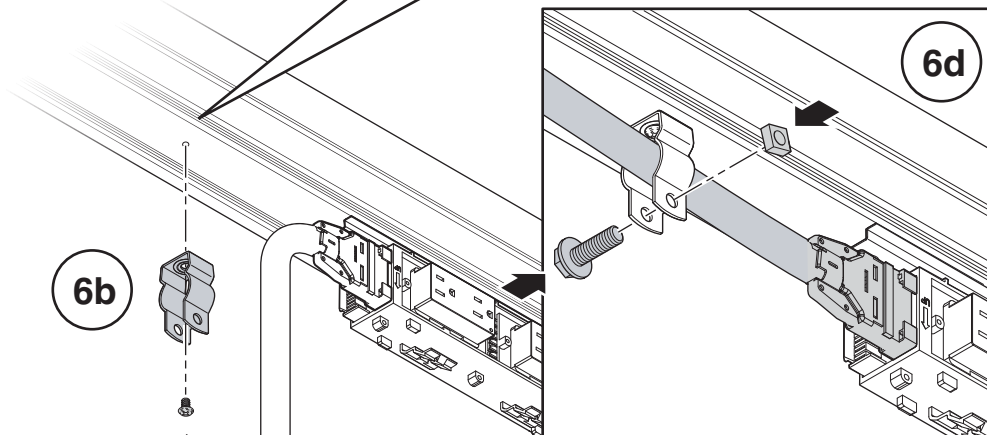
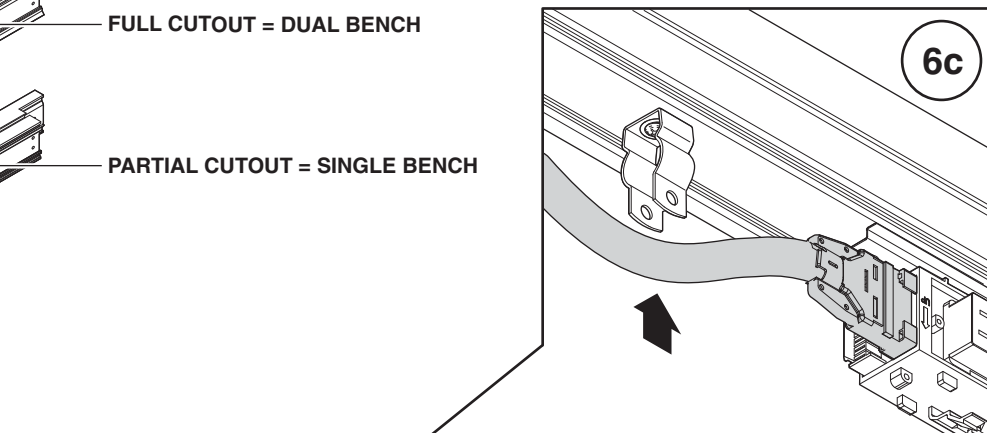
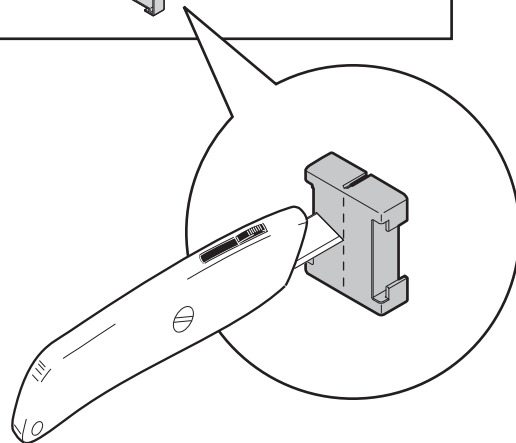
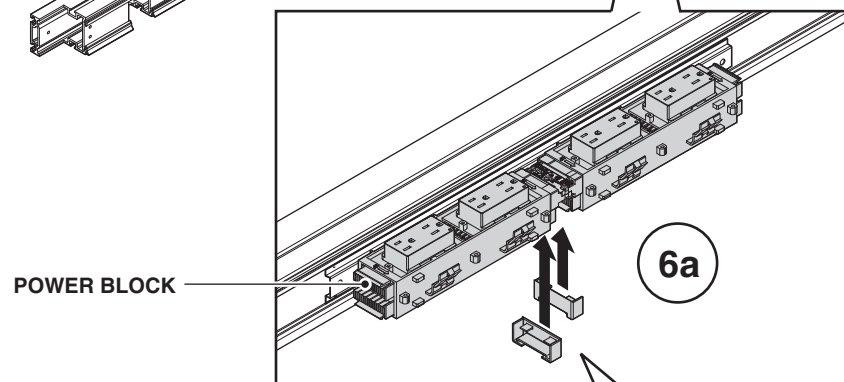
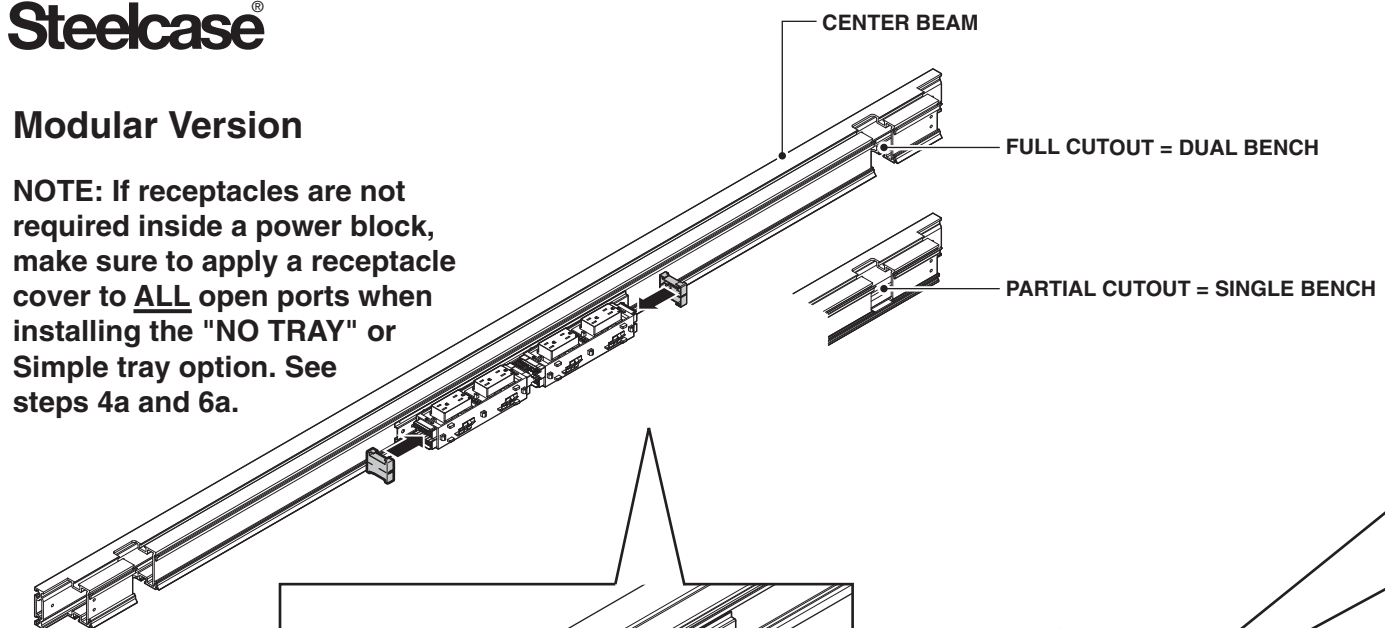


Modular Power Assembly



Modular Version

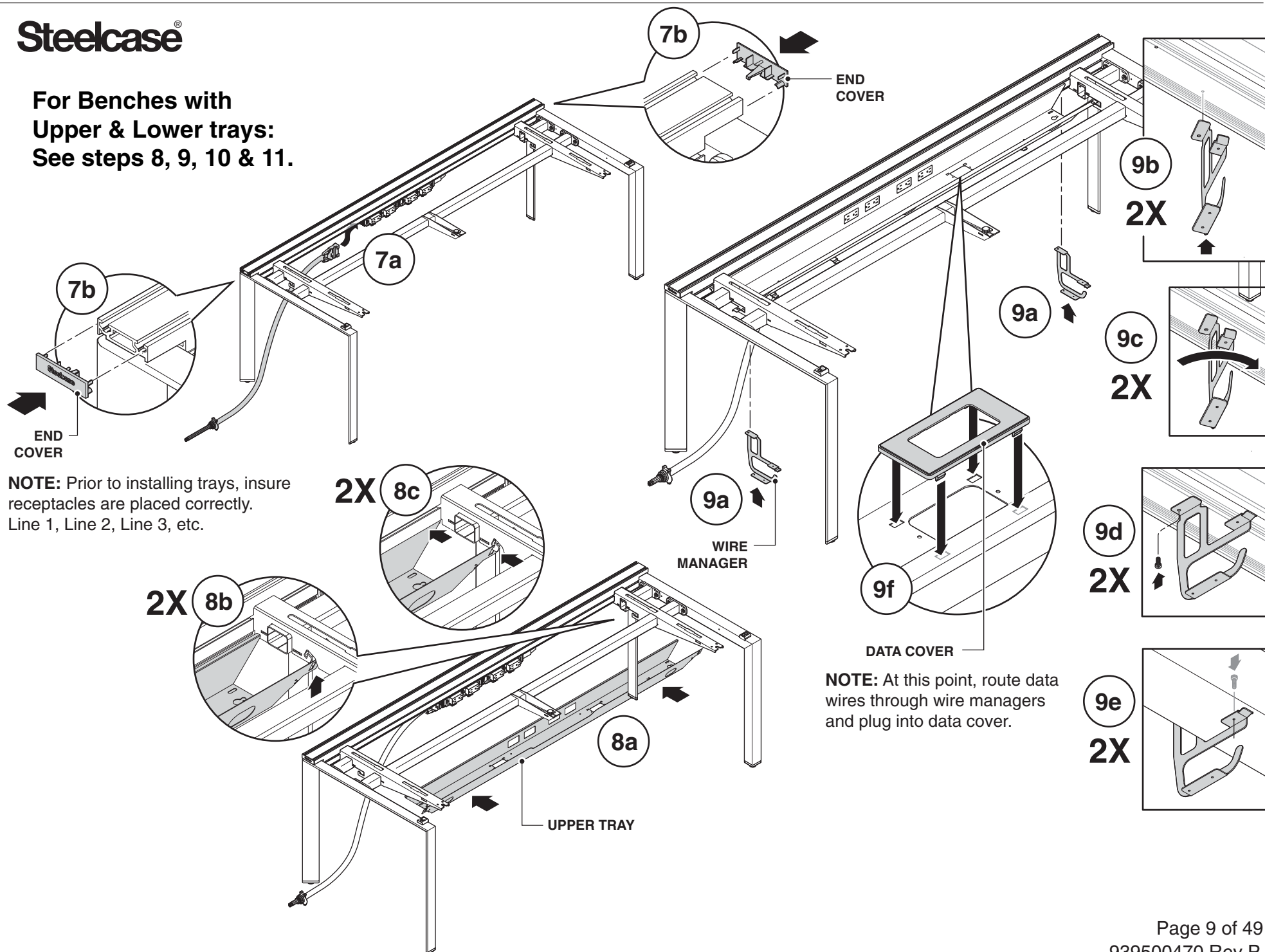
NOTE: If receptacles are not required inside a power block, make sure to apply a receptacle cover to ALL open ports when installing the "NO TRAY" or Simple tray option. See steps 4a and 6a.

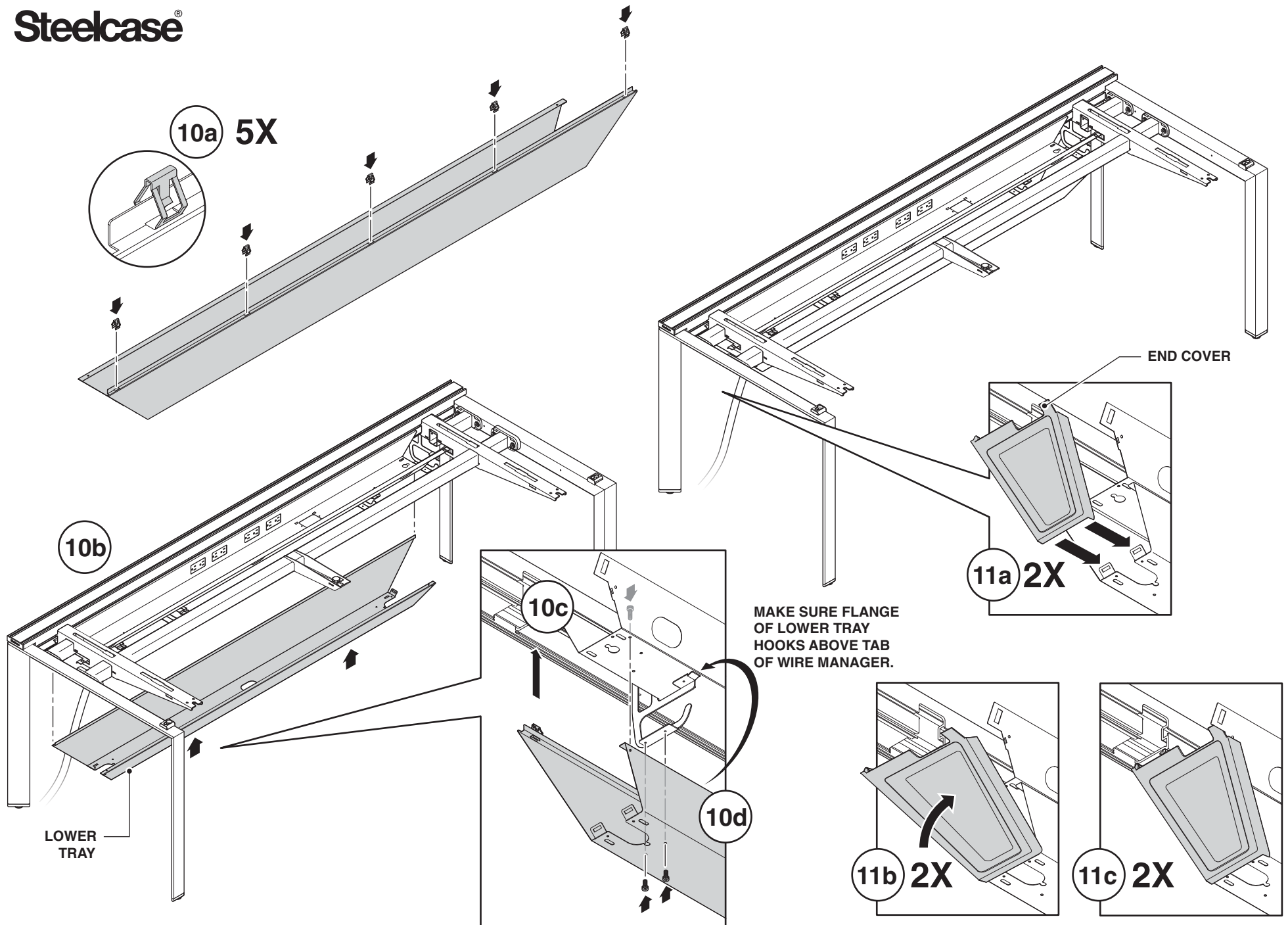


6b

NOTE: Steps 6b through 6d are also, required on all Power-In feeds.

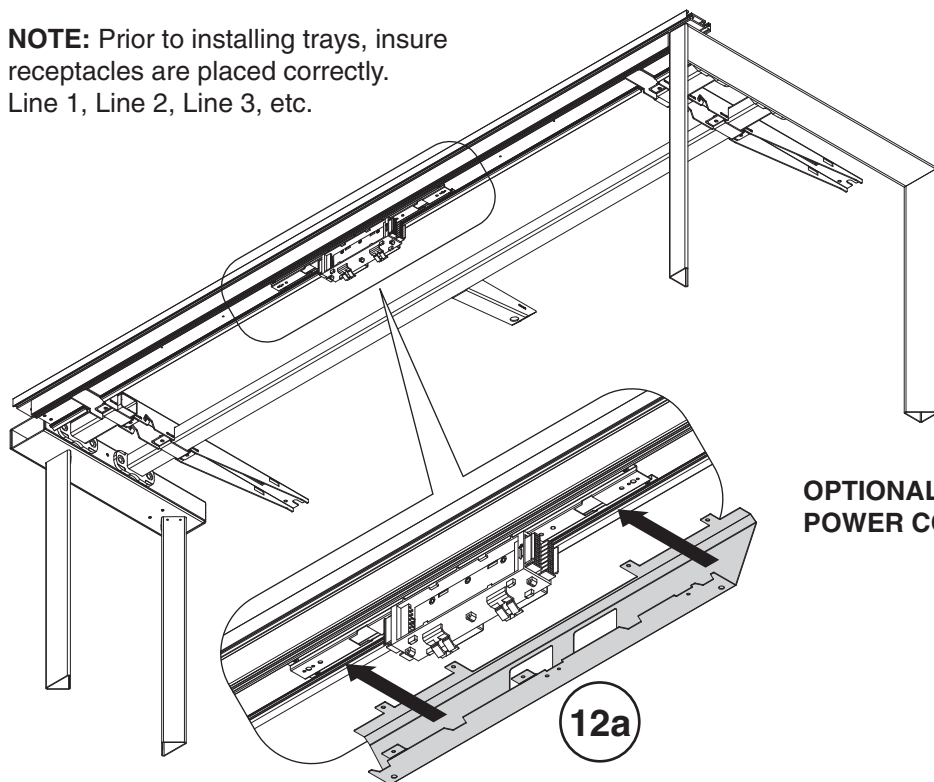
**For Benches with
Upper & Lower trays:
See steps 8, 9, 10 & 11.**



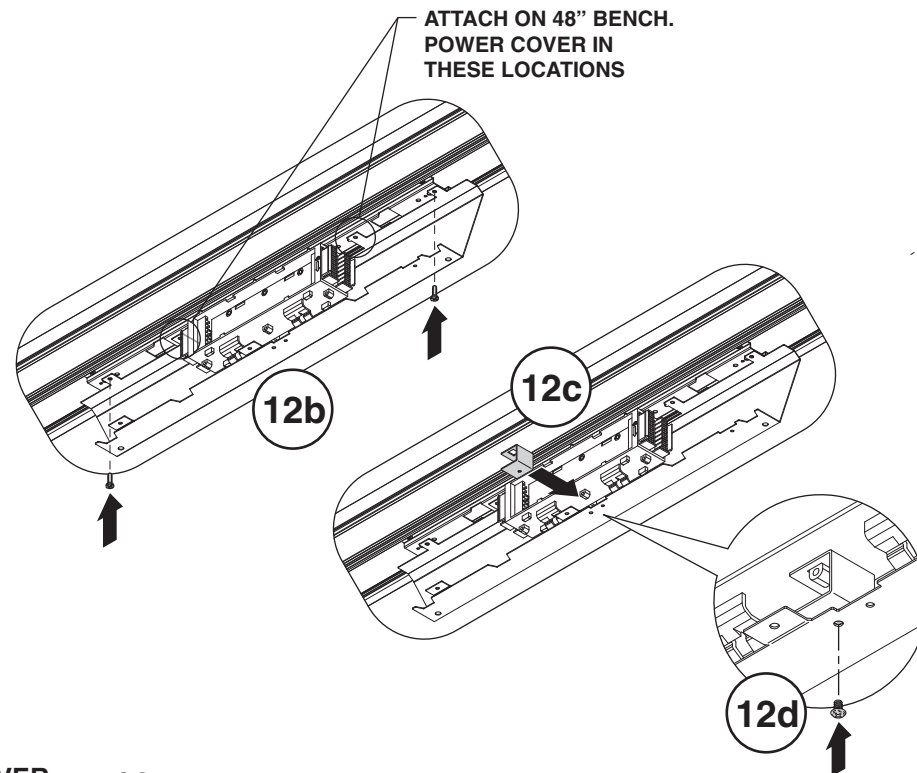
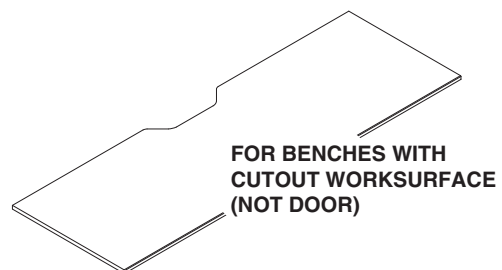


For Benches with Simple trays: See steps 12, 13, 14 & 15.

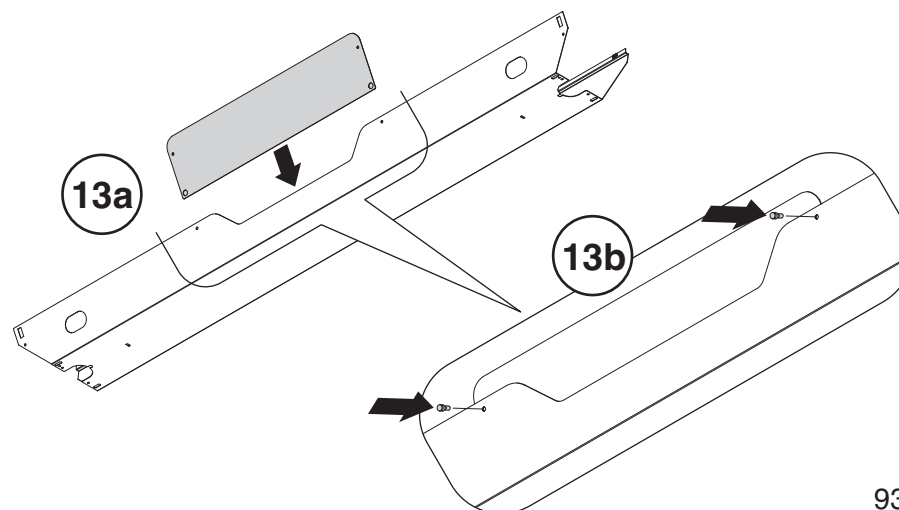
NOTE: Prior to installing trays, insure receptacles are placed correctly. Line 1, Line 2, Line 3, etc.

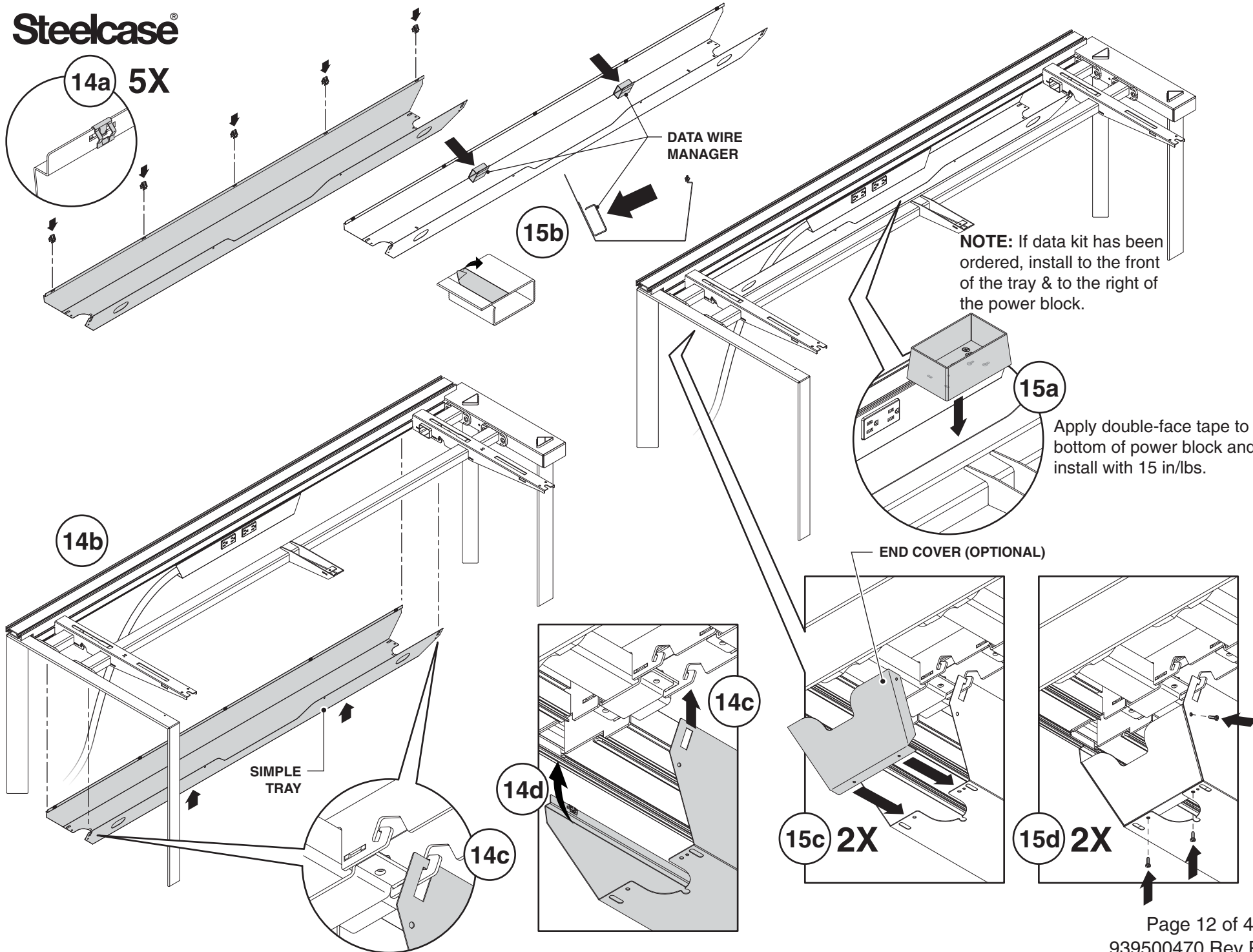


**OPTIONAL
POWER COVER**



13. Place the modesty cover outside the tray, over the tray cutout (13a) and secure in place with two (2) plastic rivets provided (13b).

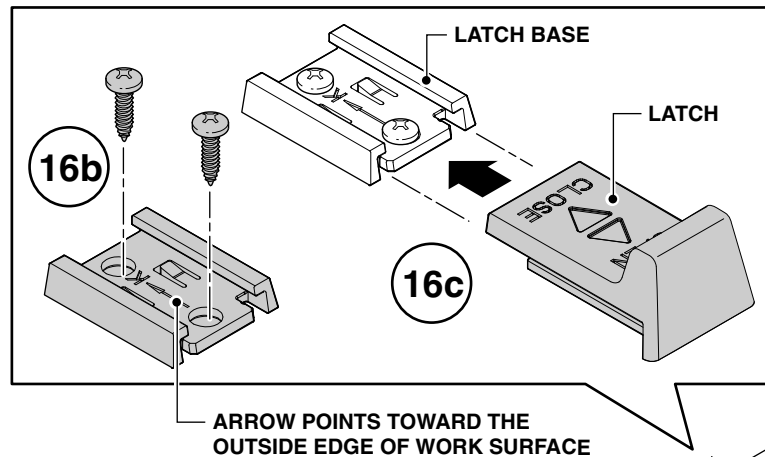




Power Access Door Package (If ordered)

NOTE: Power access door is loose. Tape door to work surface if necessary.

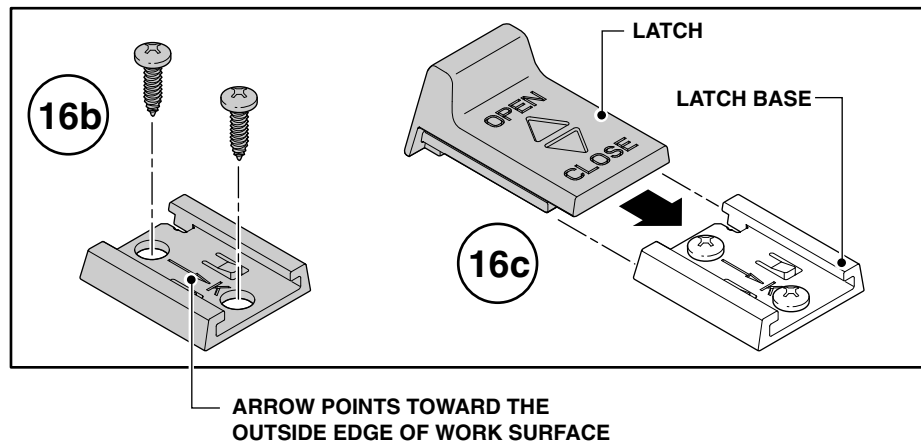
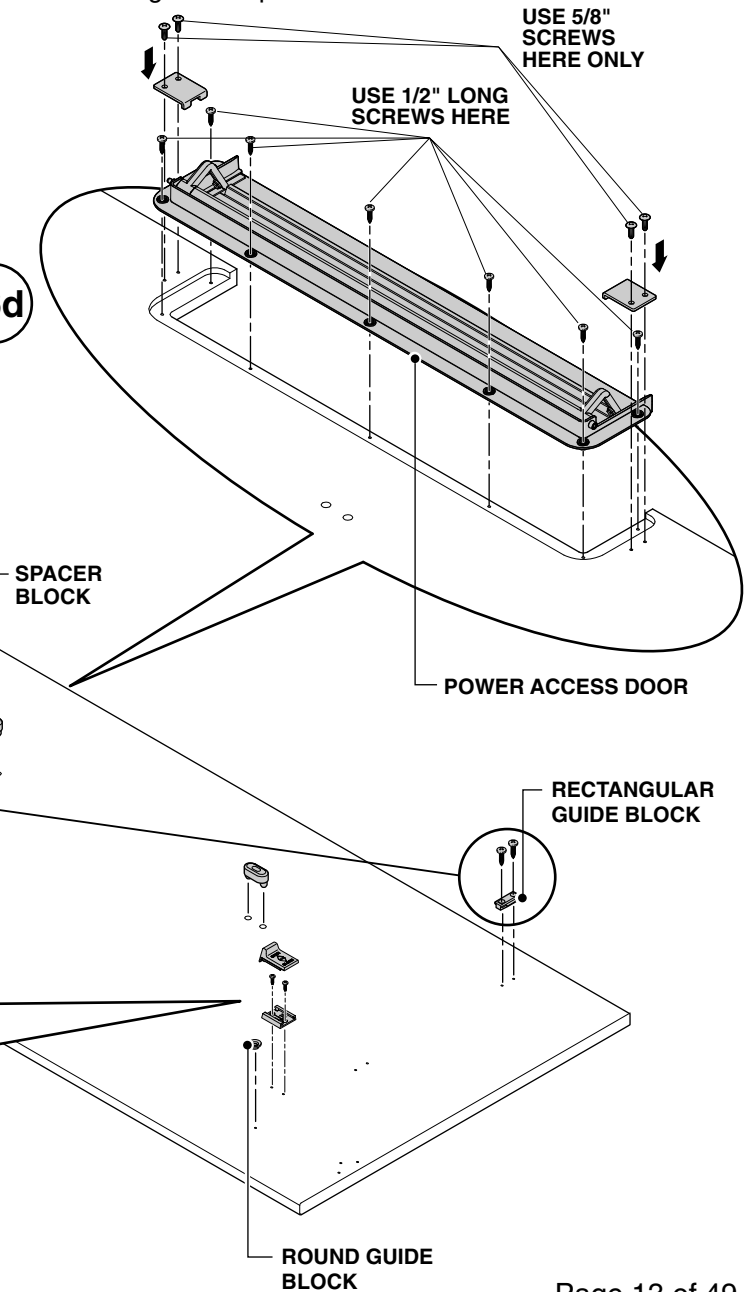
NOTE: Install screws by hand only. Using a power driver could cause damage to the product!

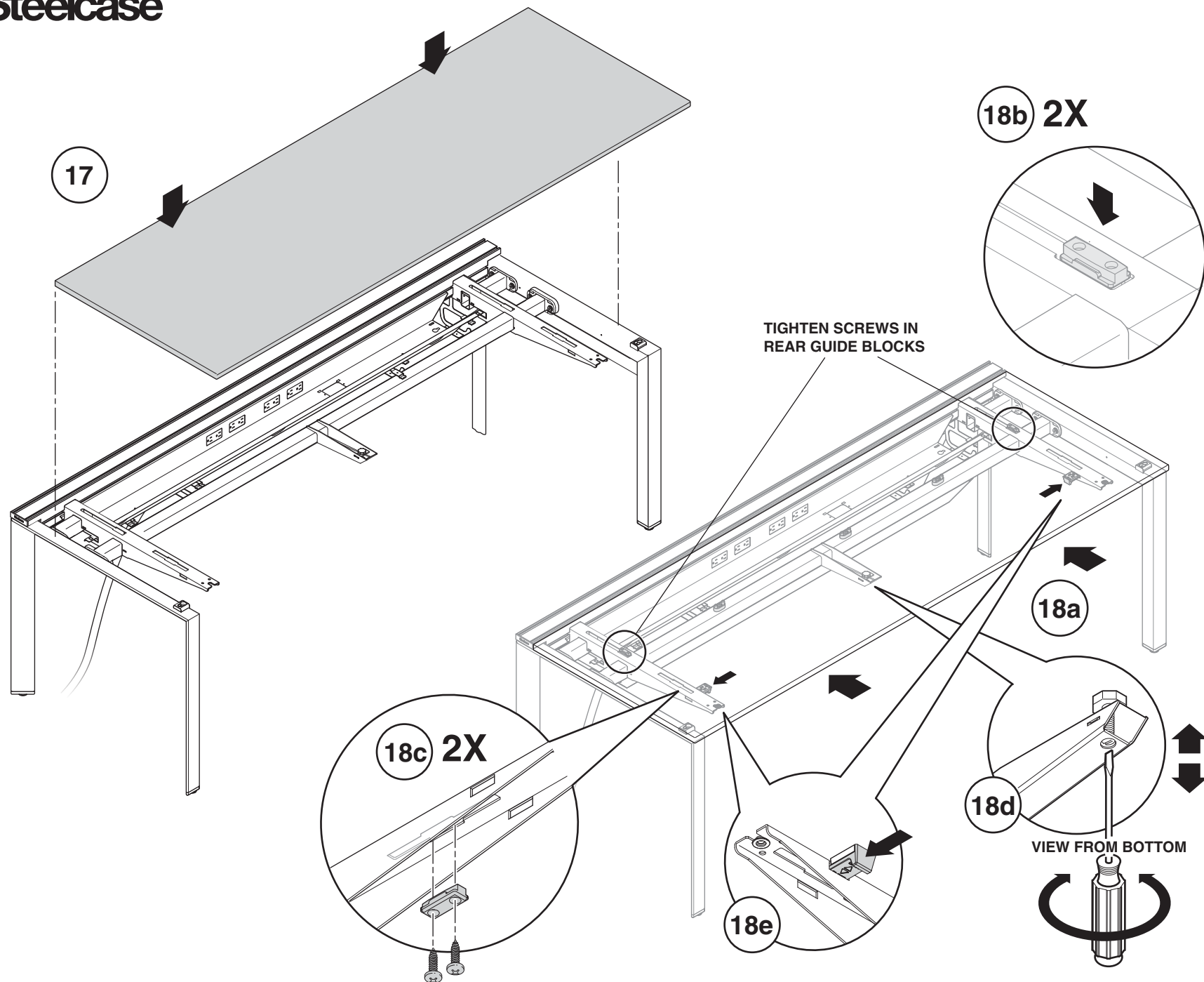


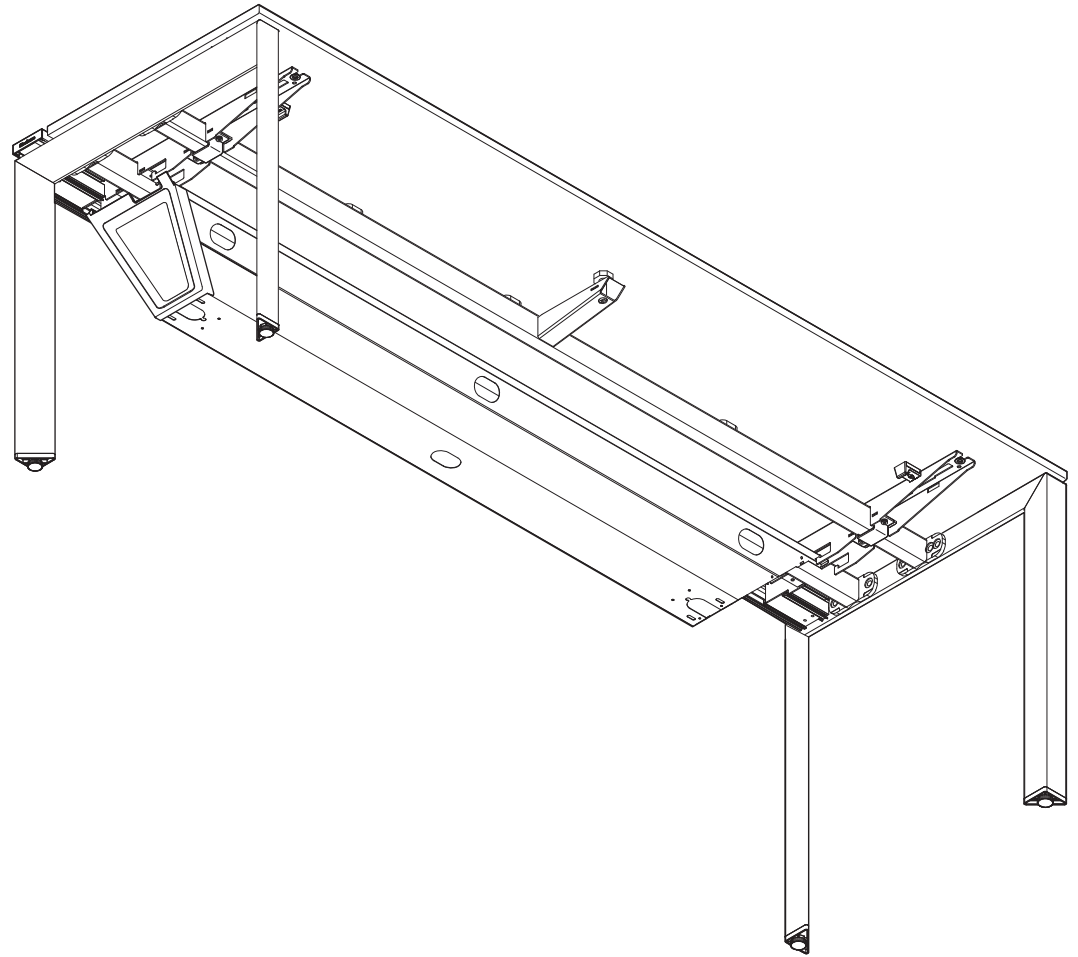
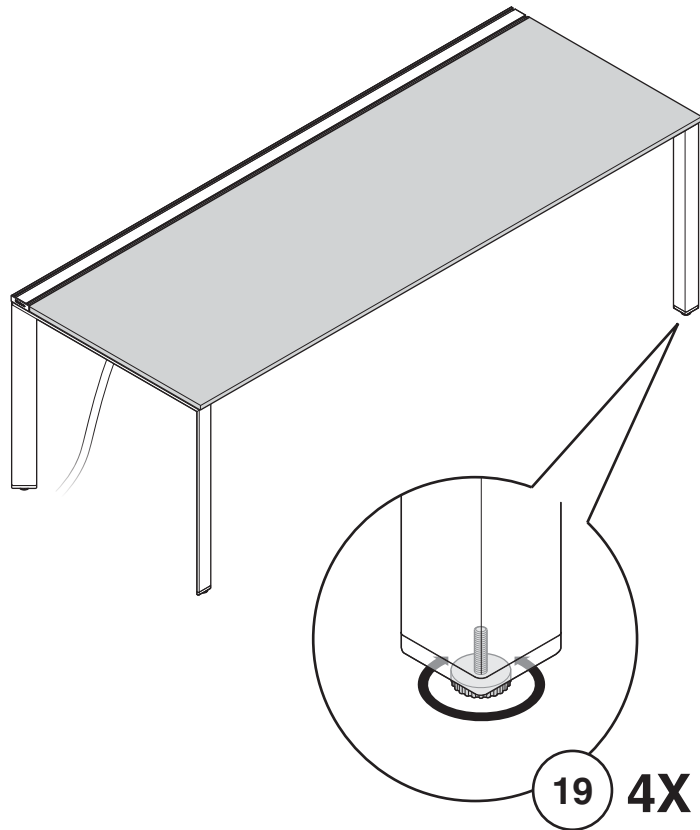
16a

IF INSTALLING A POWER ACCESS DOOR PACKAGE, LEAVE THESE SCREWS LOOSE UNTIL INSTALLED.

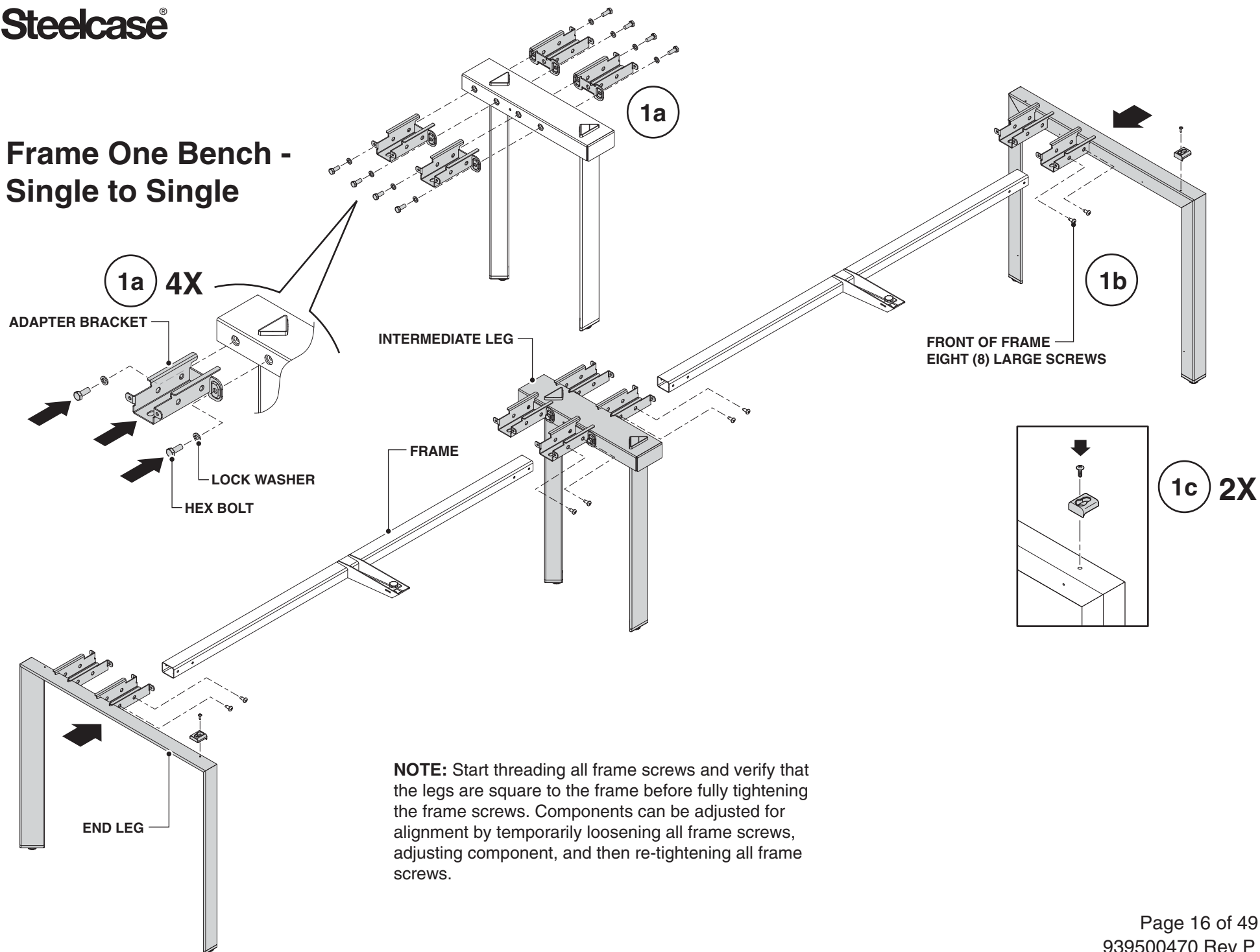
16d

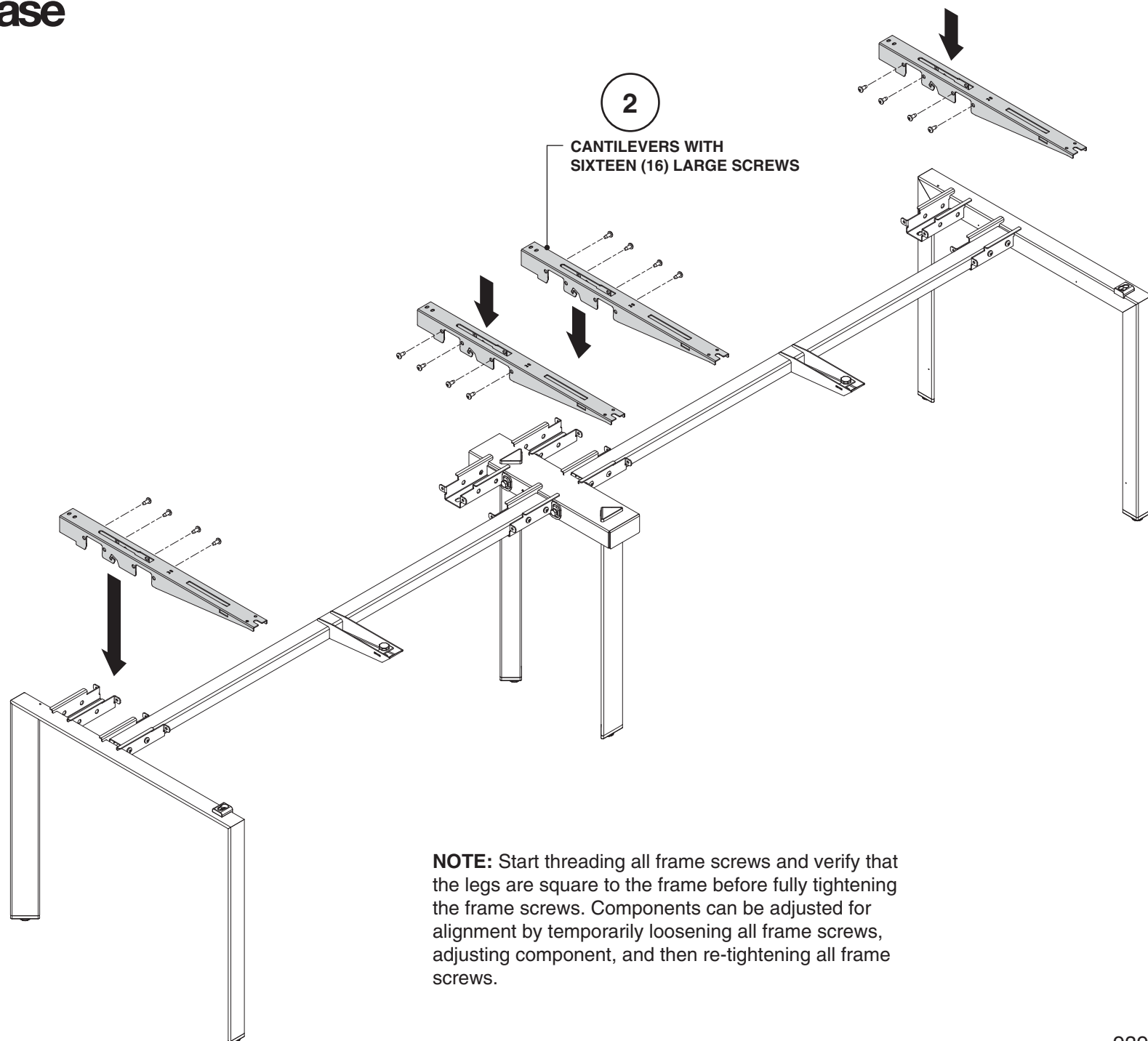


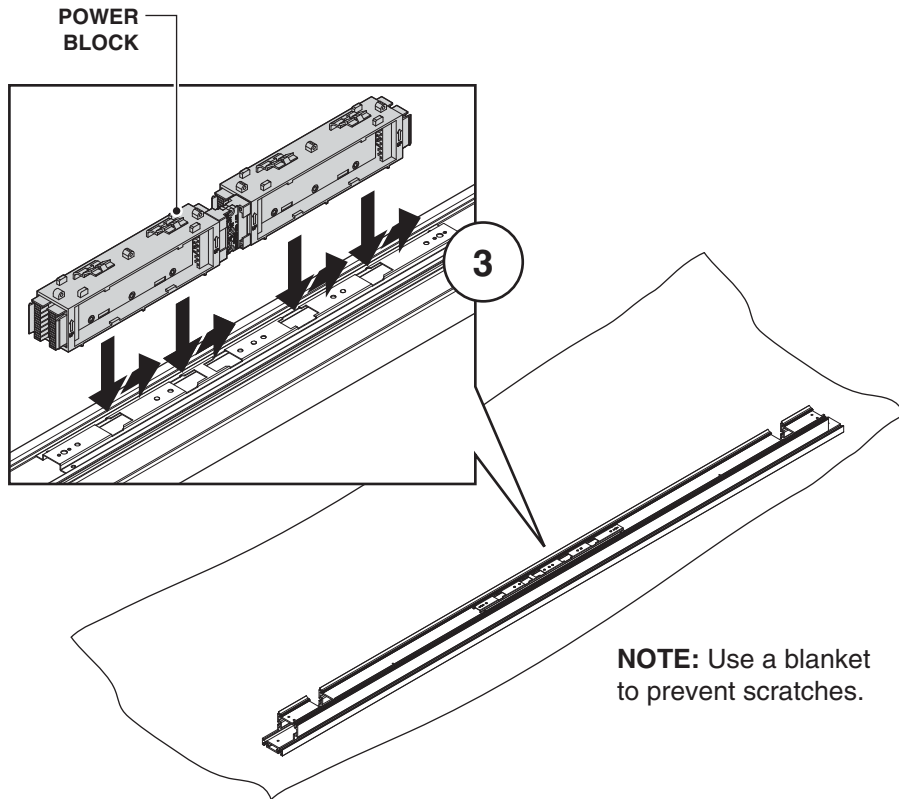




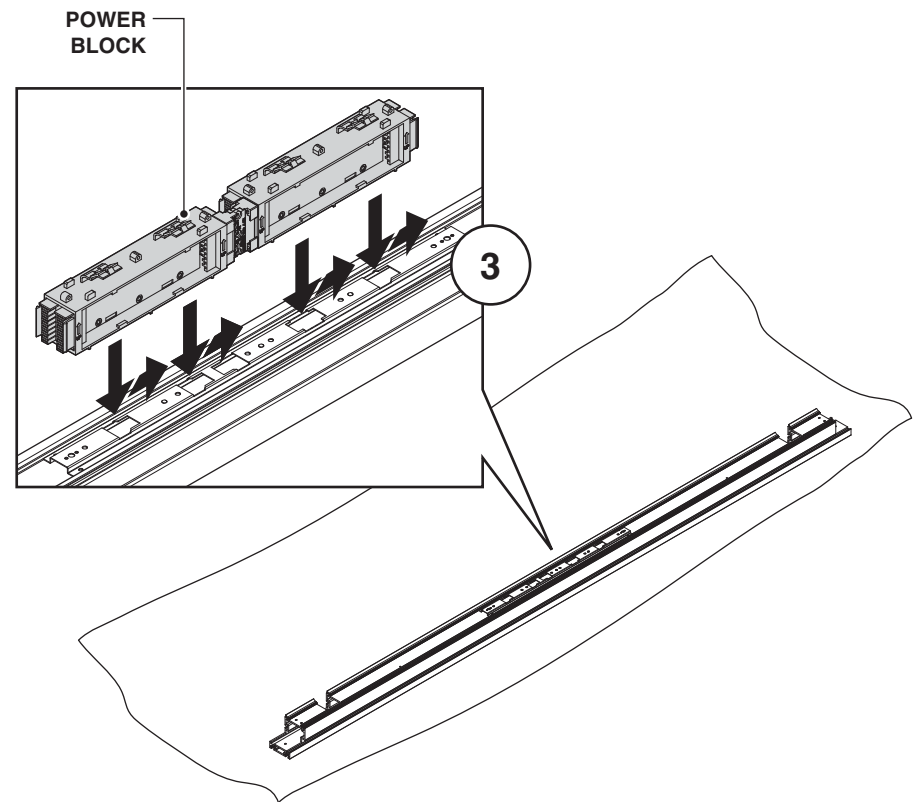
Frame One Bench - Single to Single

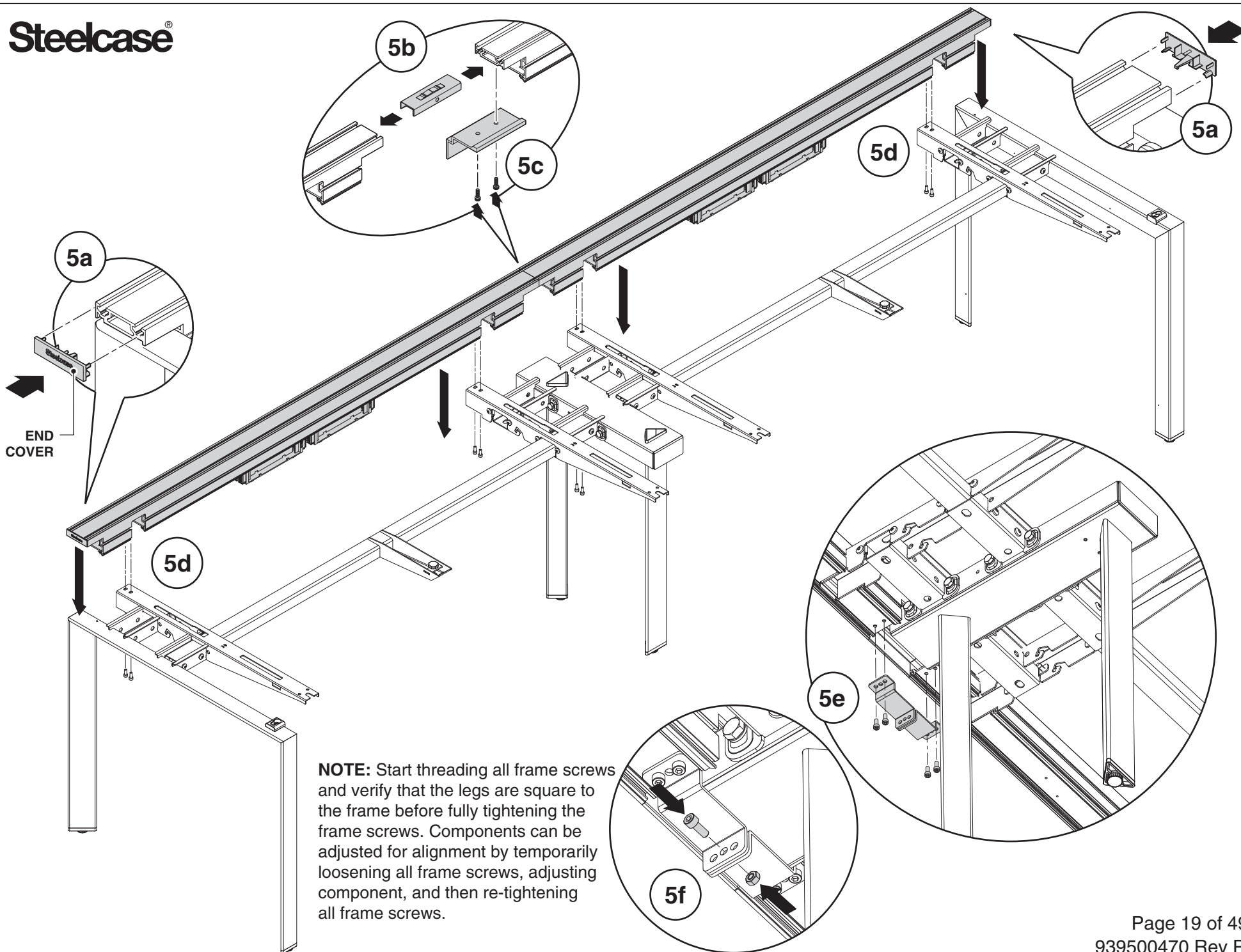




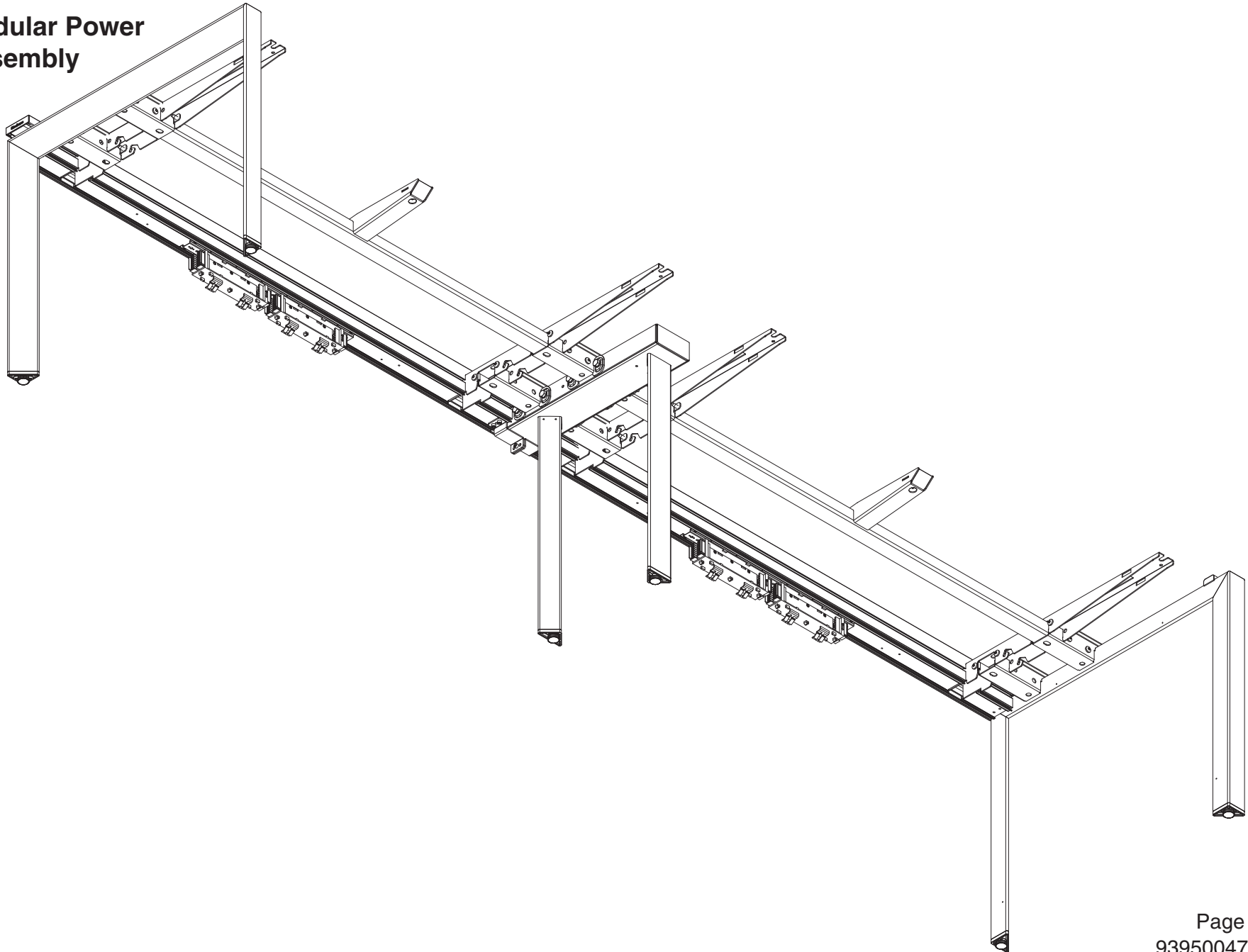


4. To install powerways onto beam, perform steps 2 and 4a through 4i on pages 2, 3 & 4 twice.



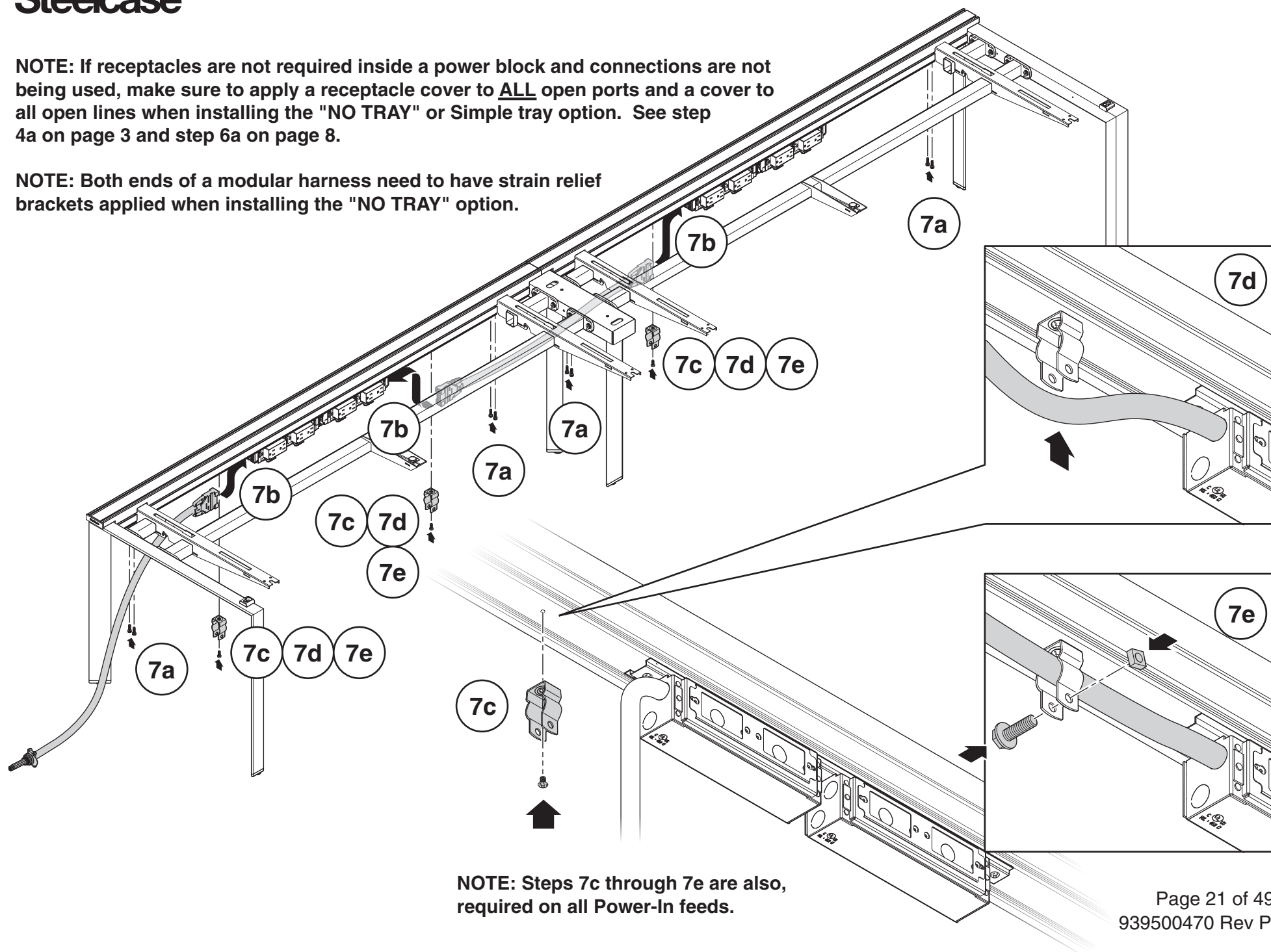


Modular Power Assembly



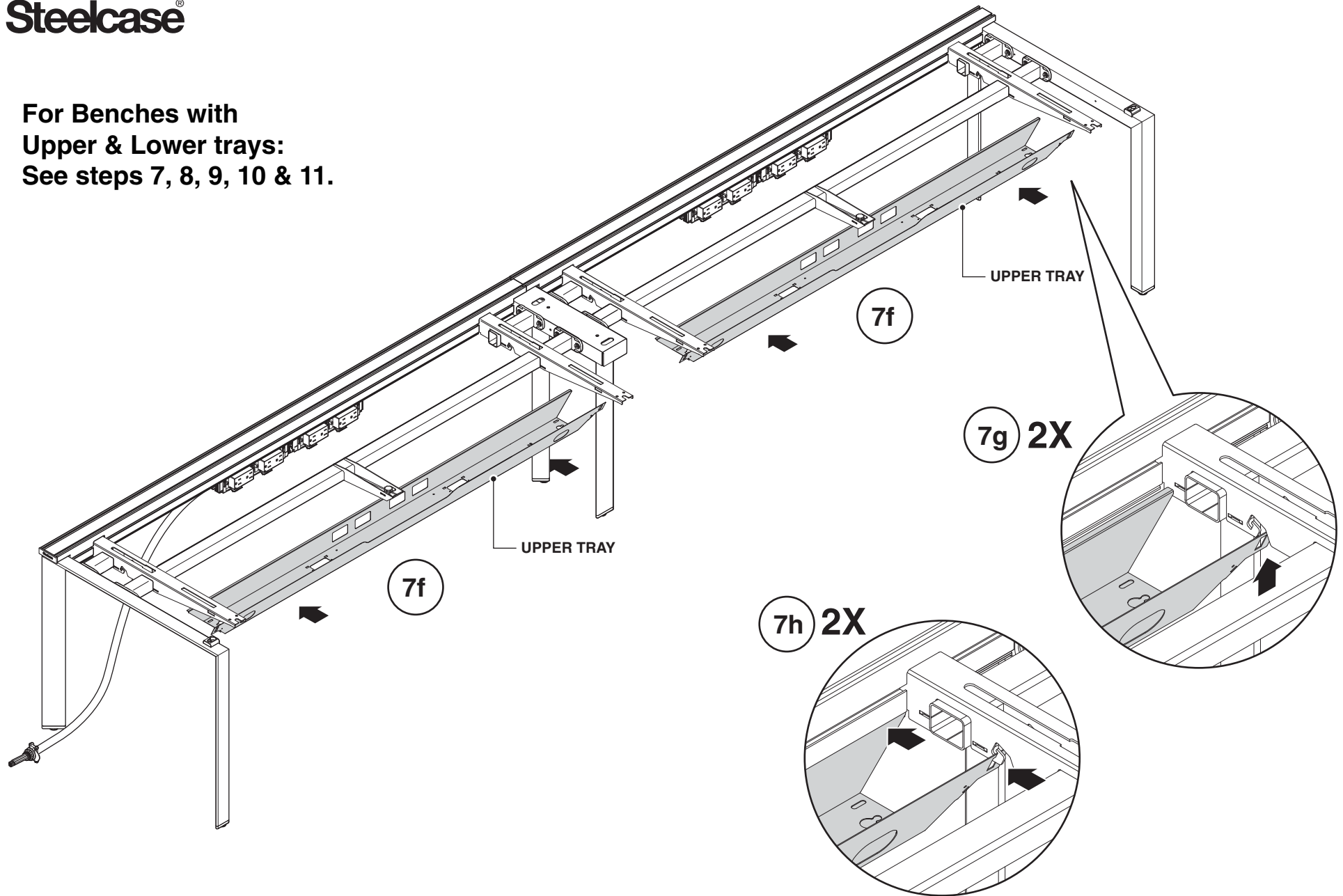
NOTE: If receptacles are not required inside a power block and connections are not being used, make sure to apply a receptacle cover to ALL open ports and a cover to all open lines when installing the "NO TRAY" or Simple tray option. See step 4a on page 3 and step 6a on page 8.

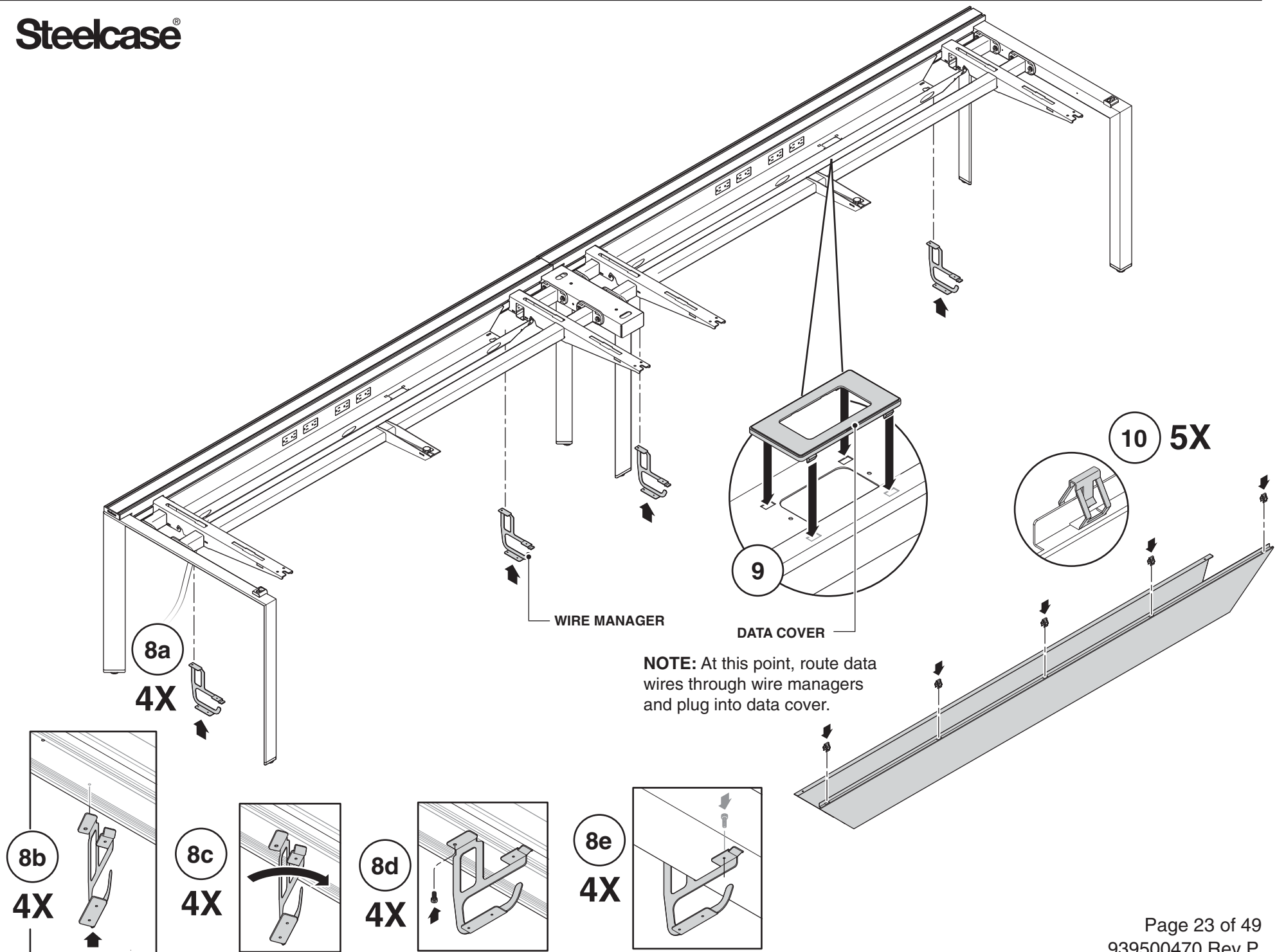
NOTE: Both ends of a modular harness need to have strain relief brackets applied when installing the "NO TRAY" option.



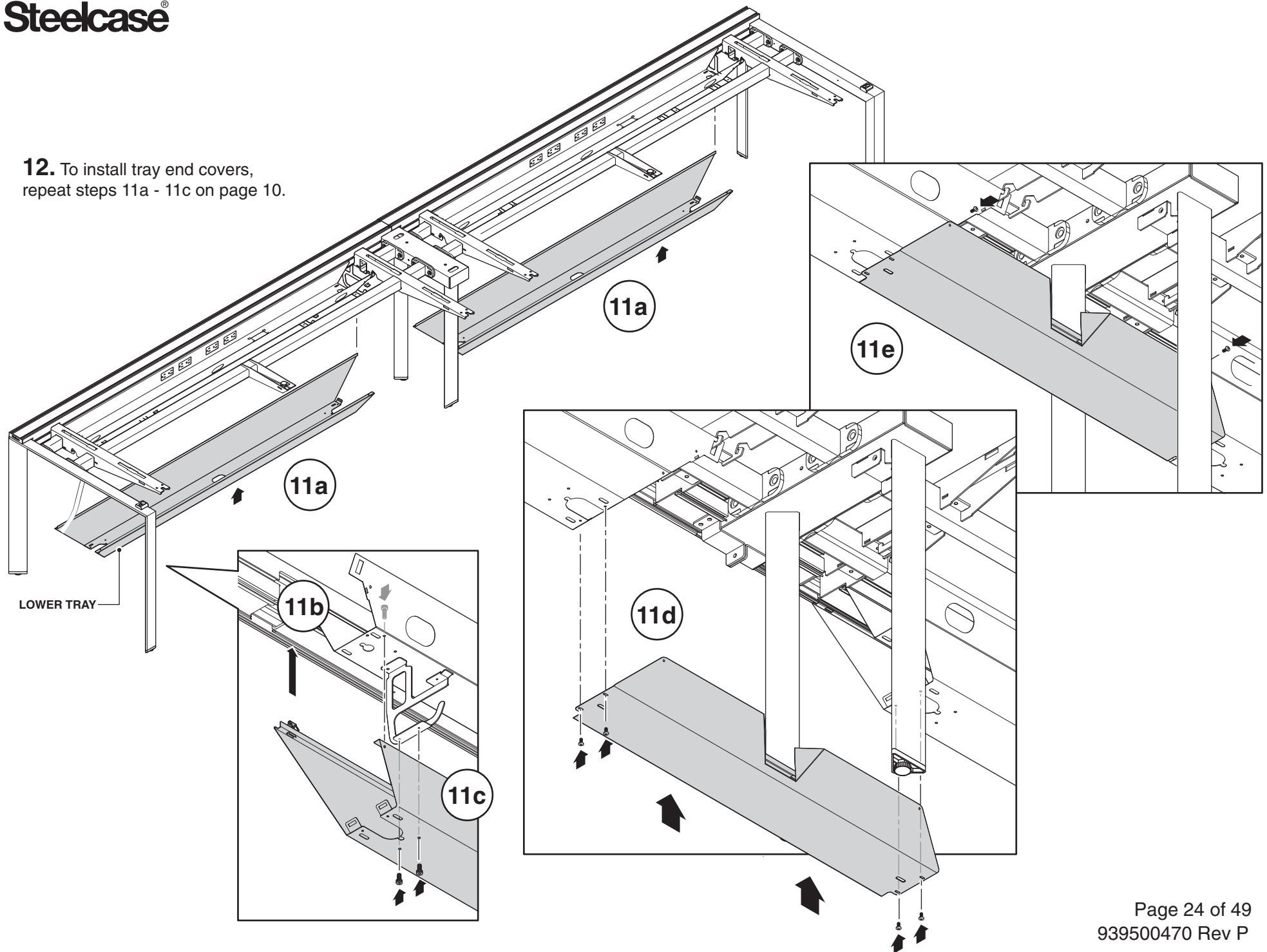
NOTE: Steps 7c through 7e are also, required on all Power-In feeds.

For Benches with
Upper & Lower trays:
See steps 7, 8, 9, 10 & 11.



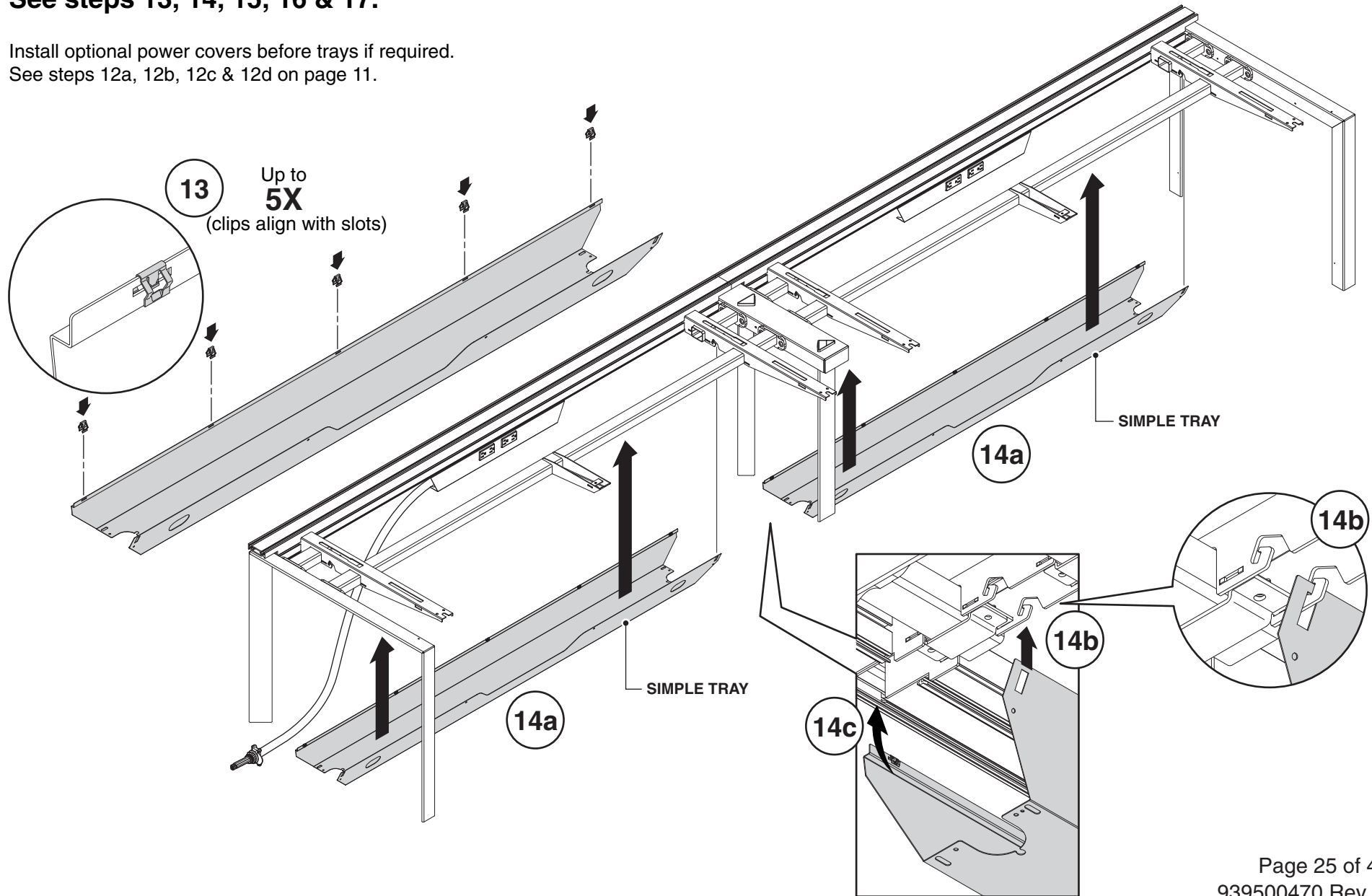


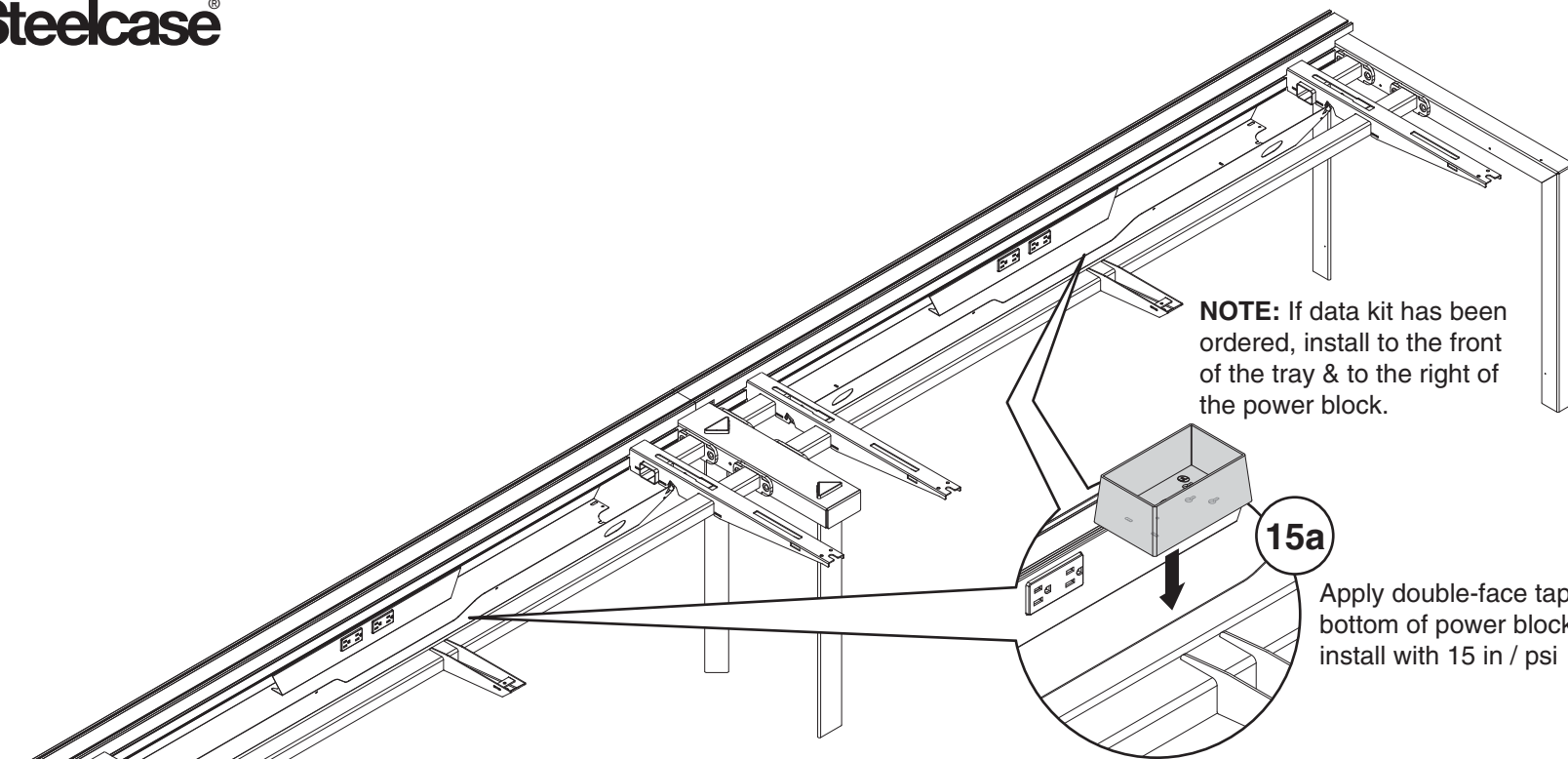
12. To install tray end covers, repeat steps 11a - 11c on page 10.



**For Benches with Simple trays:
See steps 13, 14, 15, 16 & 17.**

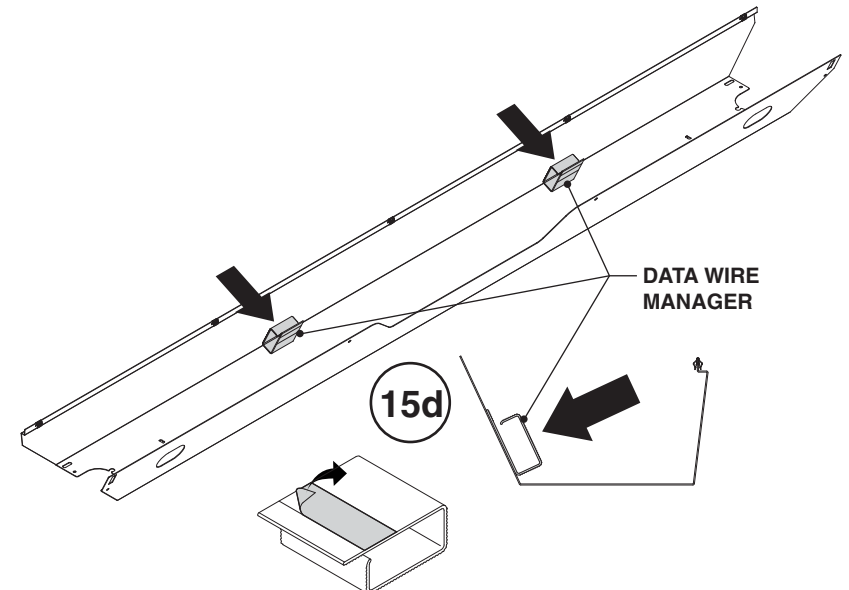
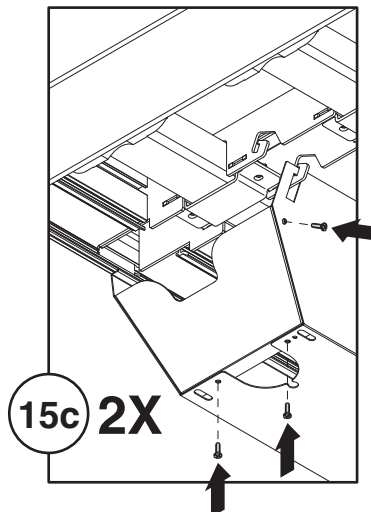
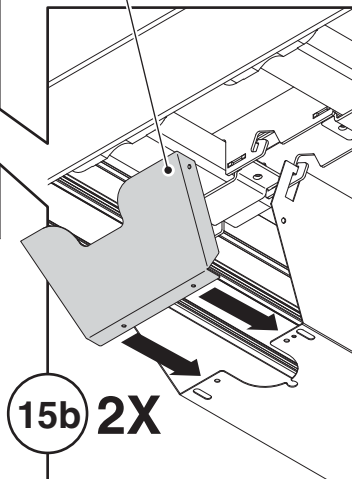
Install optional power covers before trays if required.
See steps 12a, 12b, 12c & 12d on page 11.

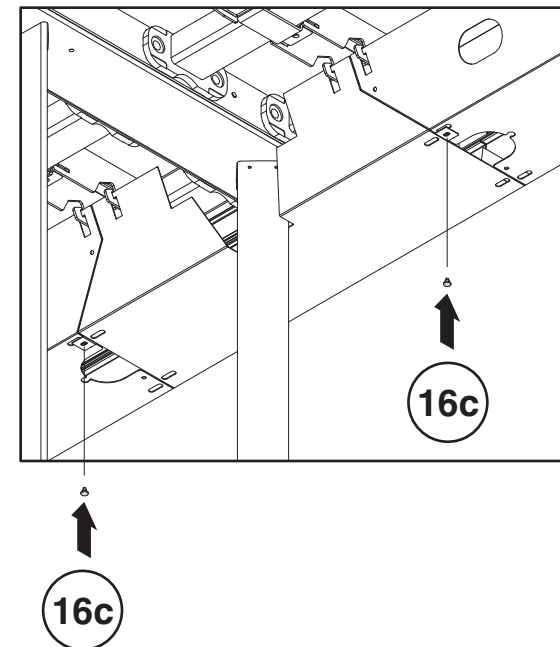
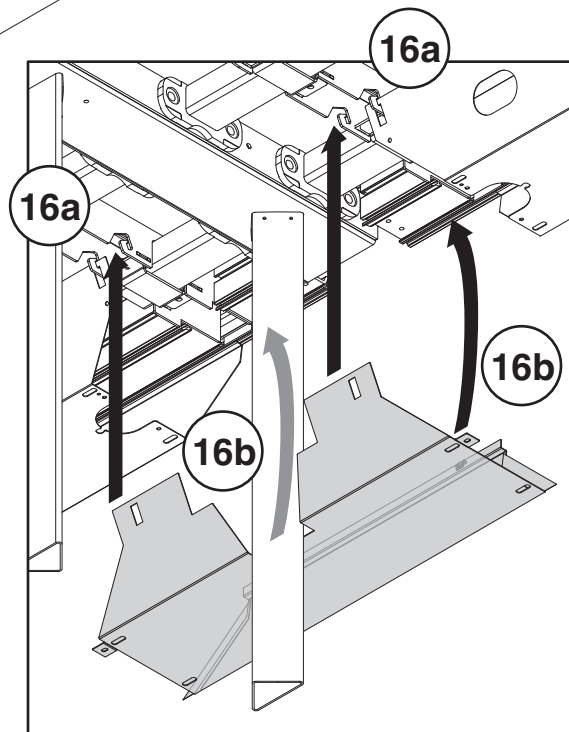
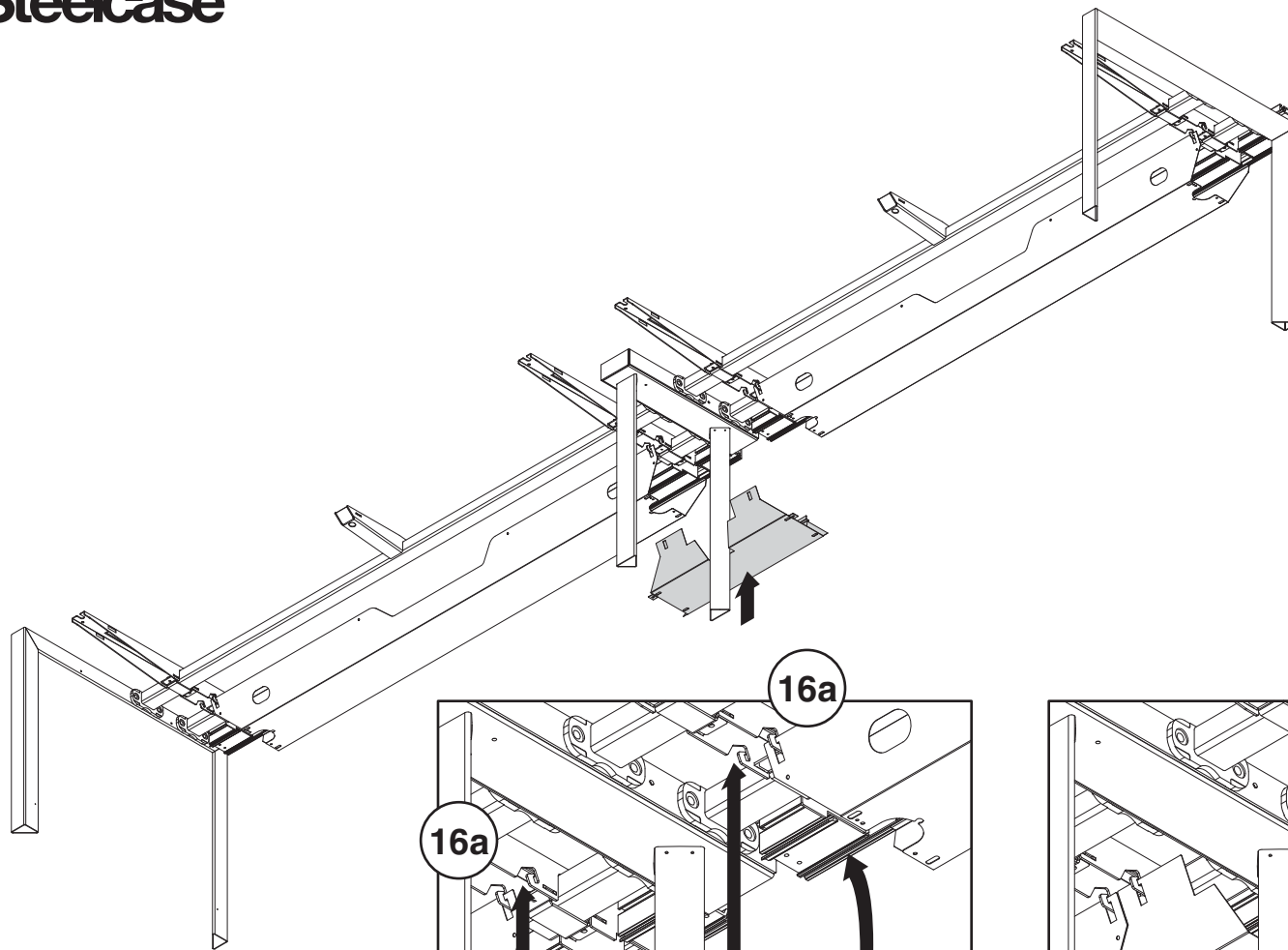




Apply double-face tape to bottom of power block and install with 15 in / psi

END COVER (OPTIONAL)

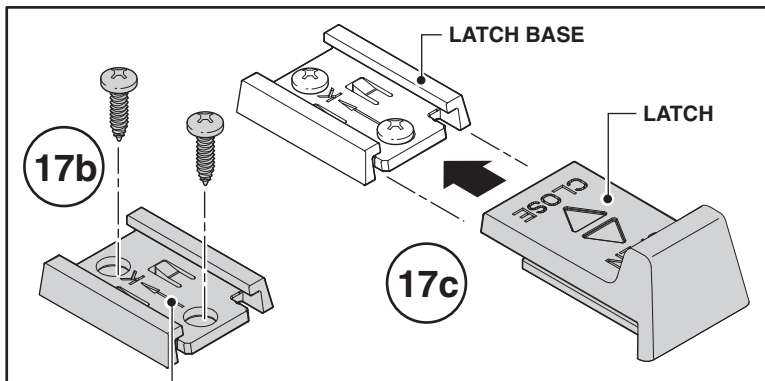




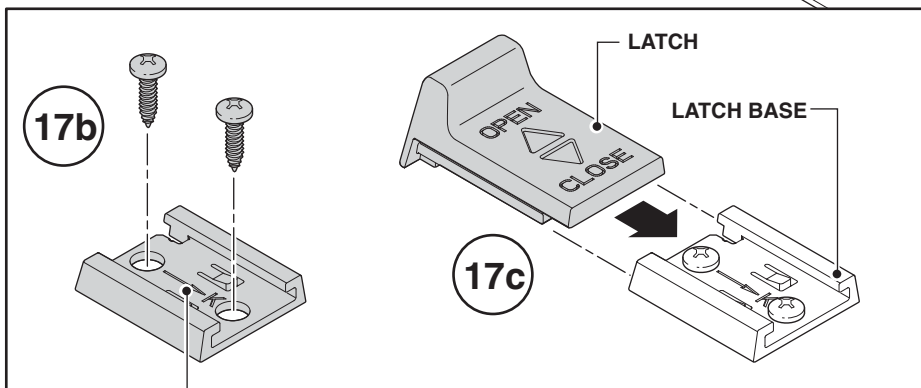
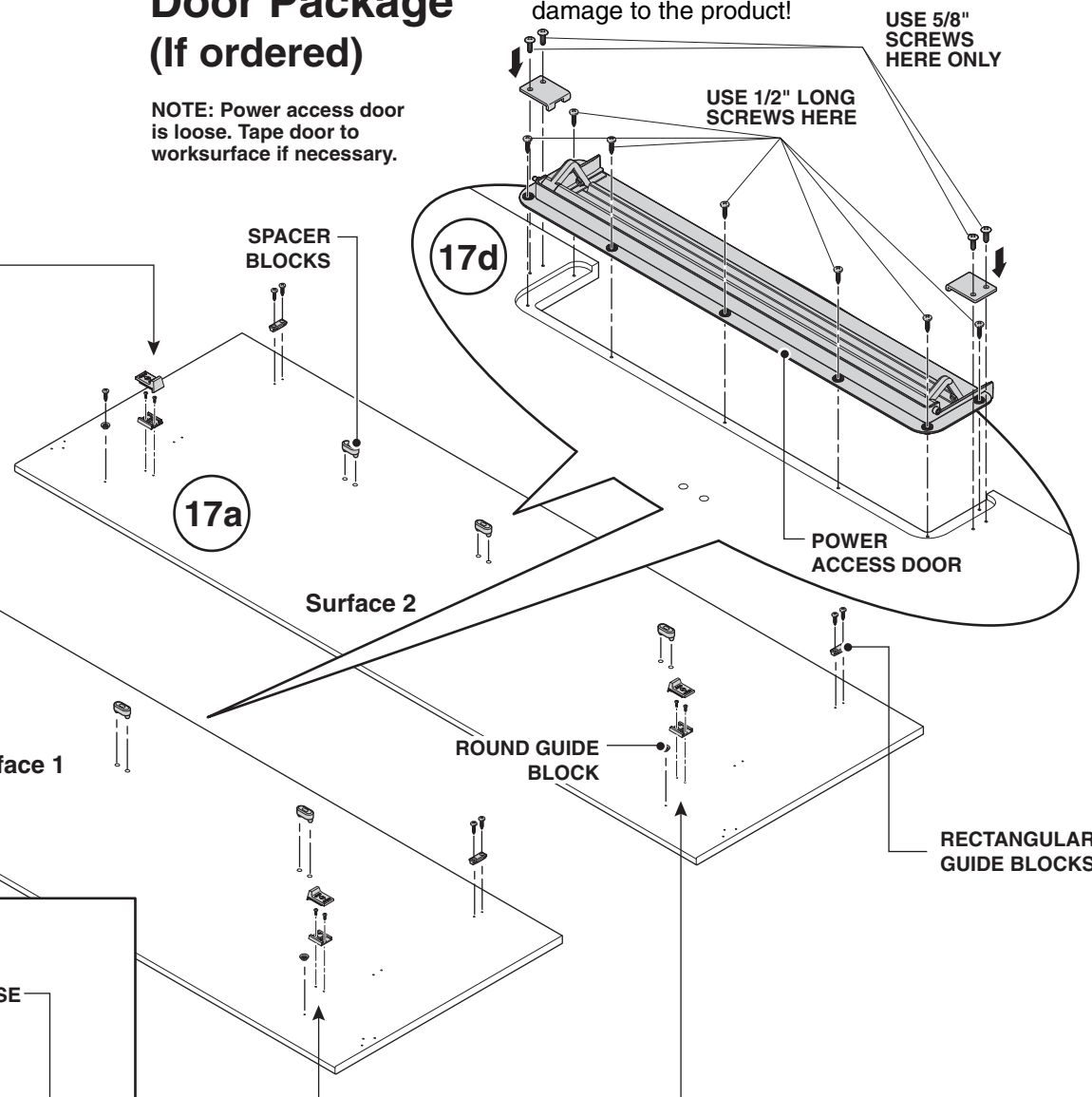
Power Access Door Package (If ordered)

NOTE: Power access door is loose. Tape door to worksurface if necessary.

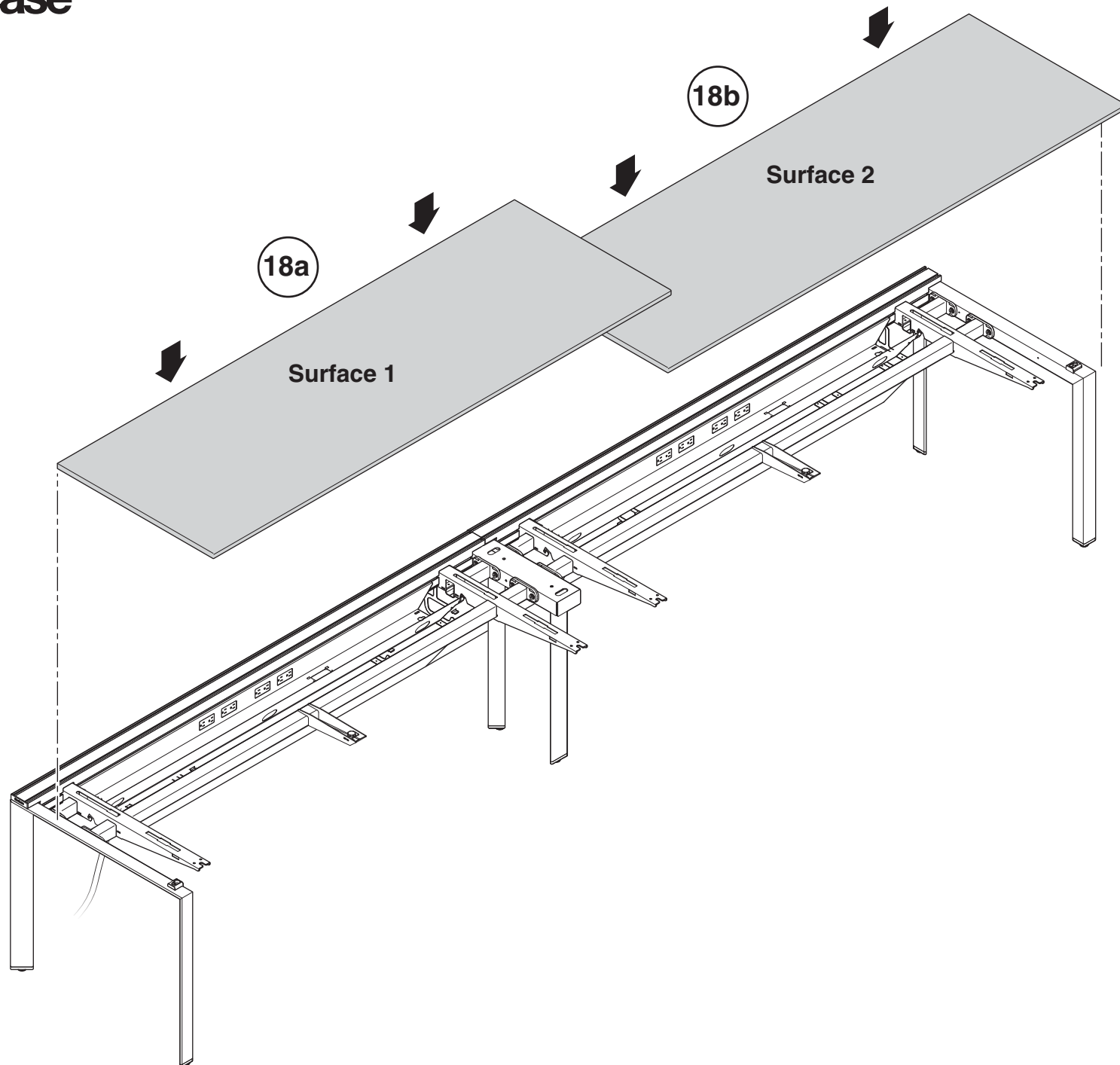
NOTE: Install screws by hand only. Using a power driver could cause damage to the product!

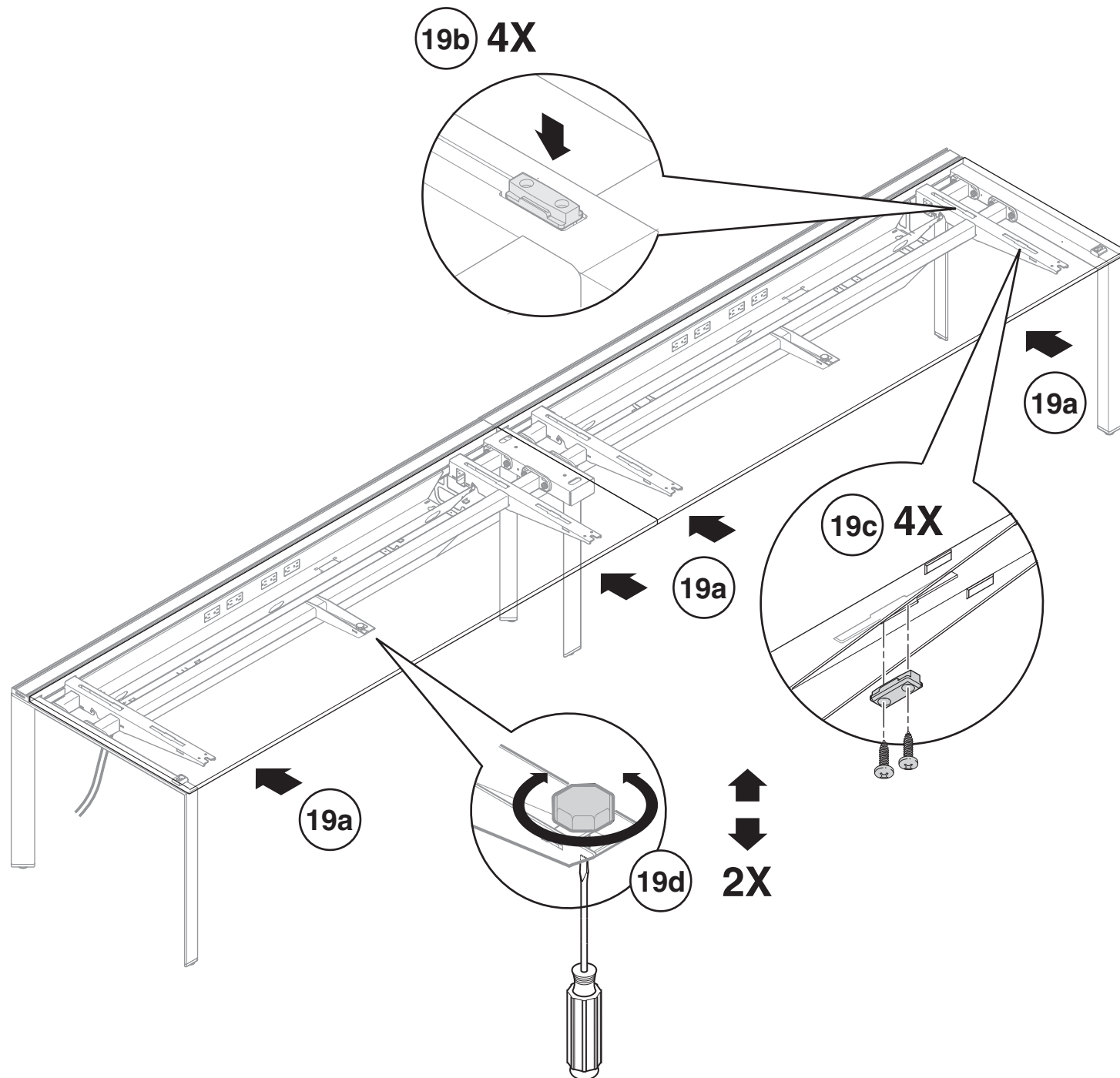


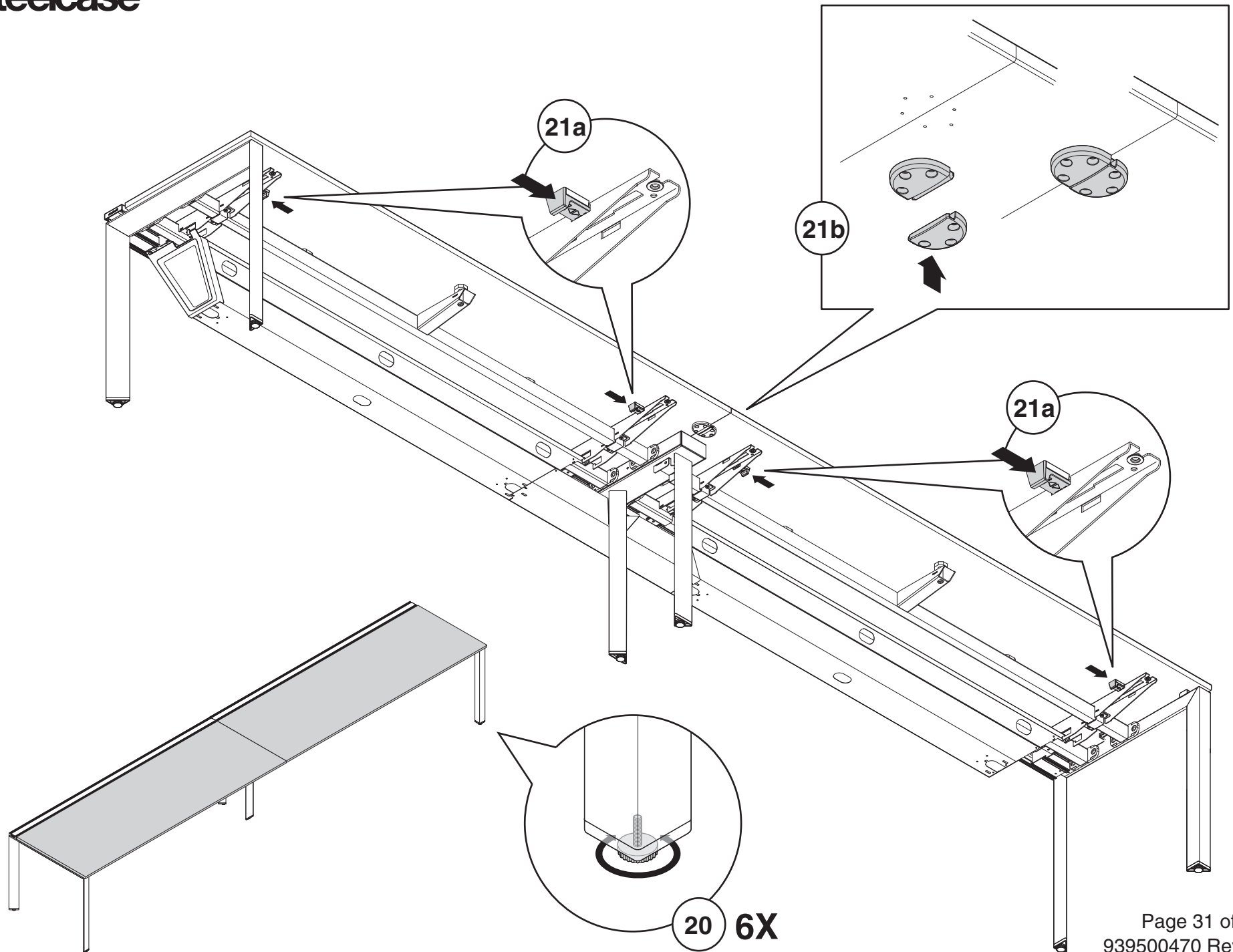
ARROW POINTS TOWARD THE OUTSIDE EDGE OF WORK SURFACE



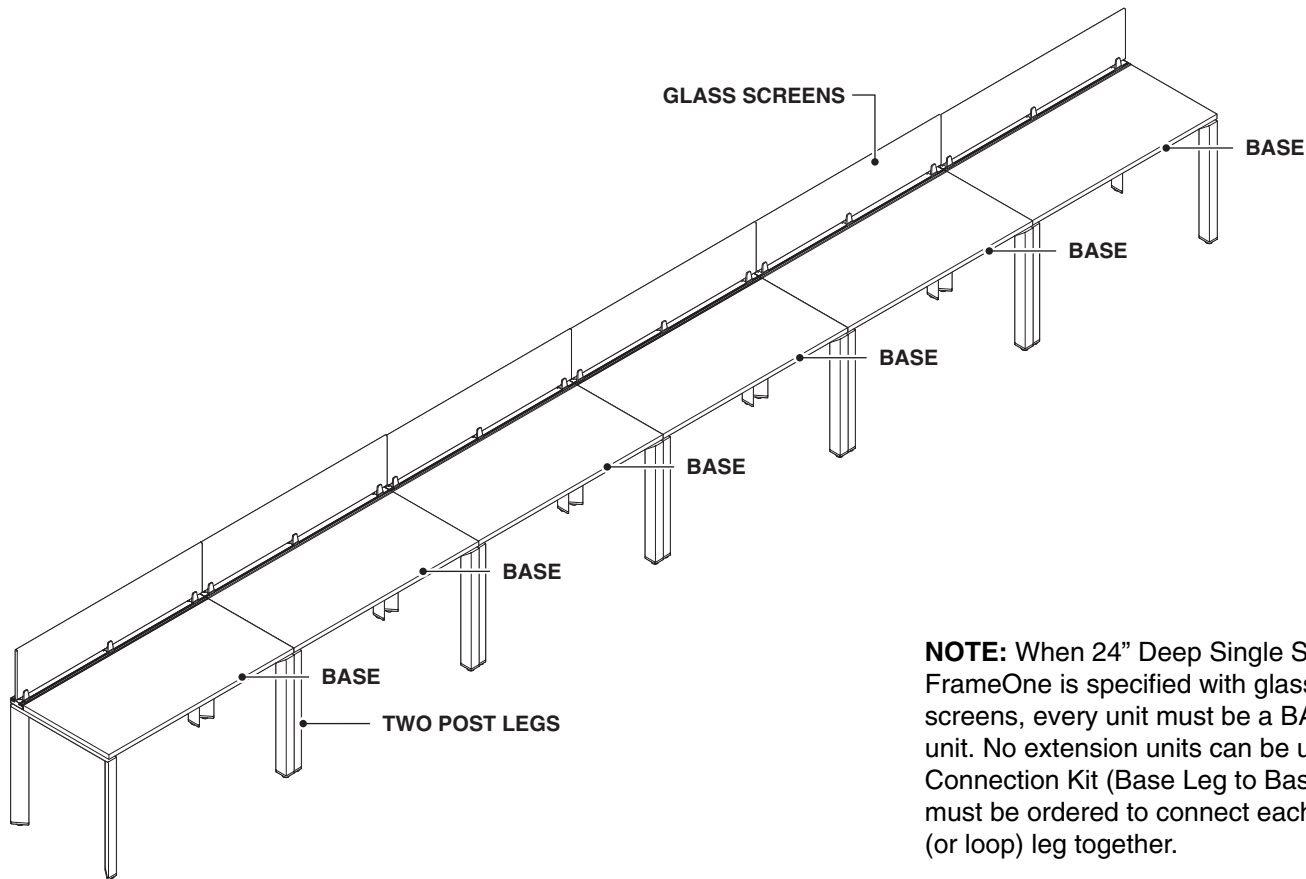
ARROW POINTS TOWARD THE OUTSIDE EDGE OF WORK SURFACE





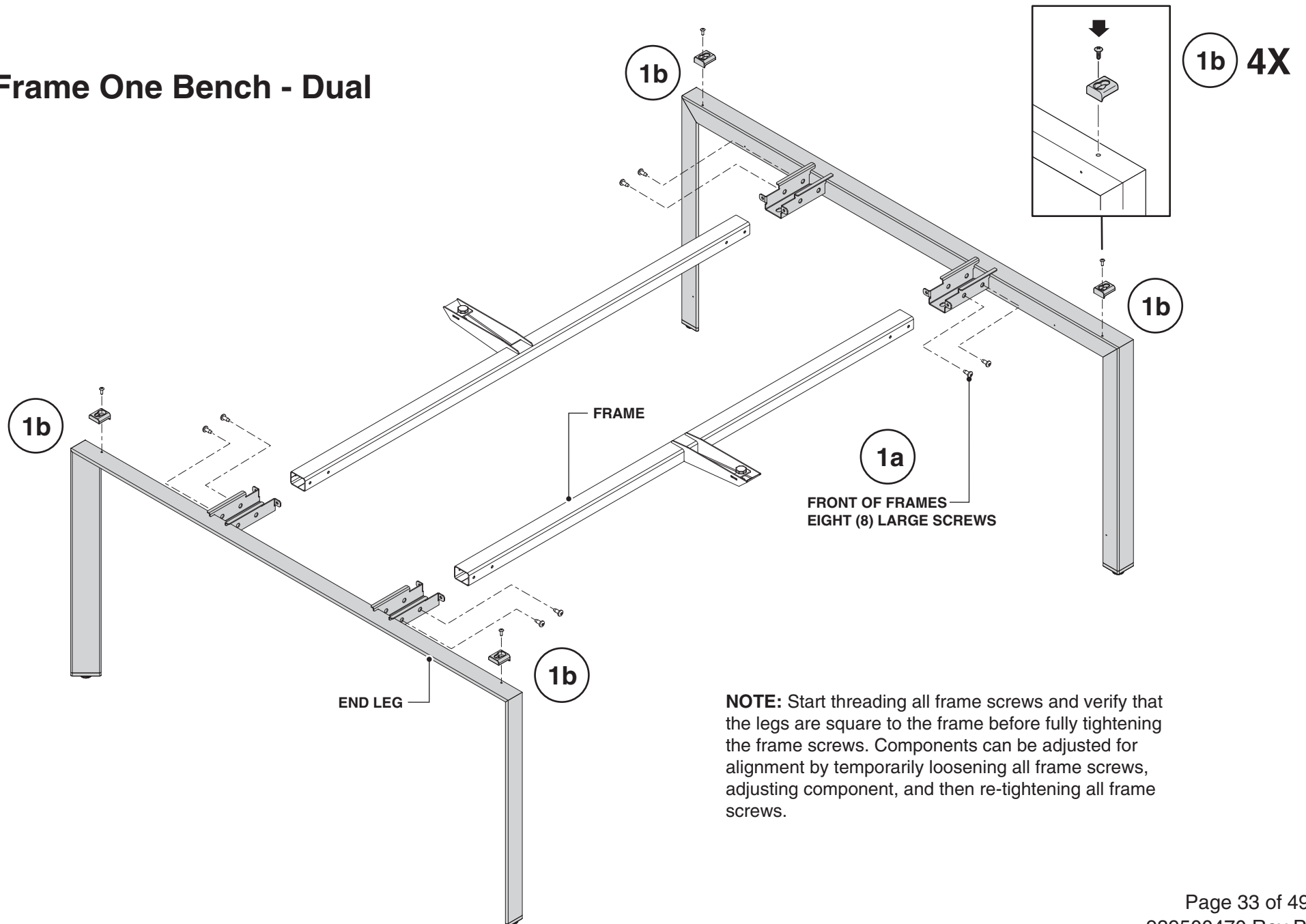


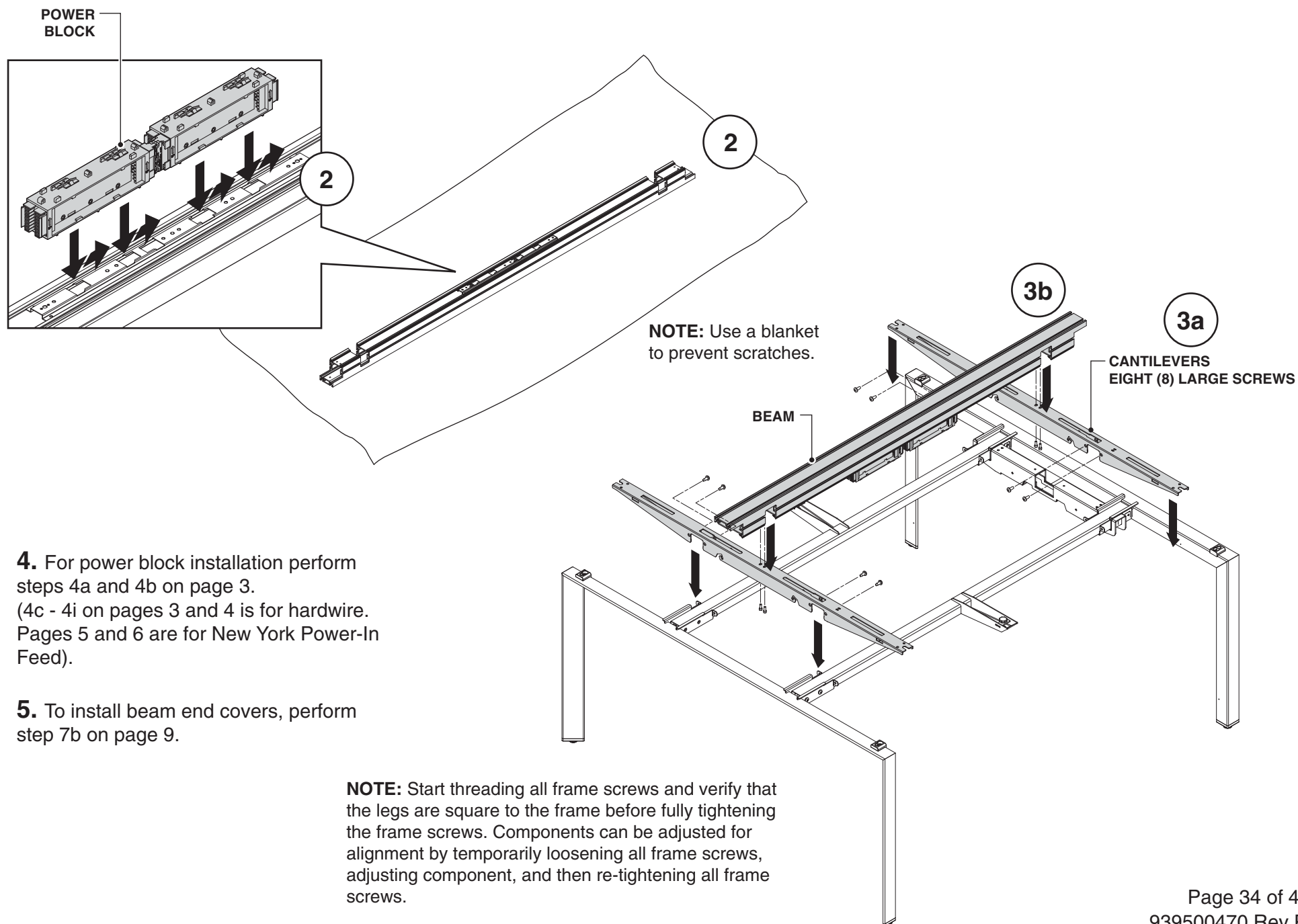
Frame One Bench - Application Restriction



NOTE: When 24" Deep Single Sided FrameOne is specified with glass screens, every unit must be a BASE unit. No extension units can be used. A Connection Kit (Base Leg to Base Leg) must be ordered to connect each post (or loop) leg together.

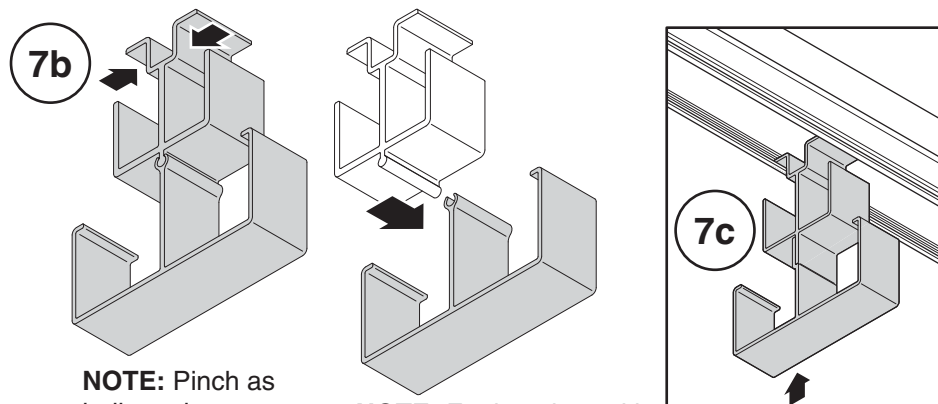
Frame One Bench - Dual





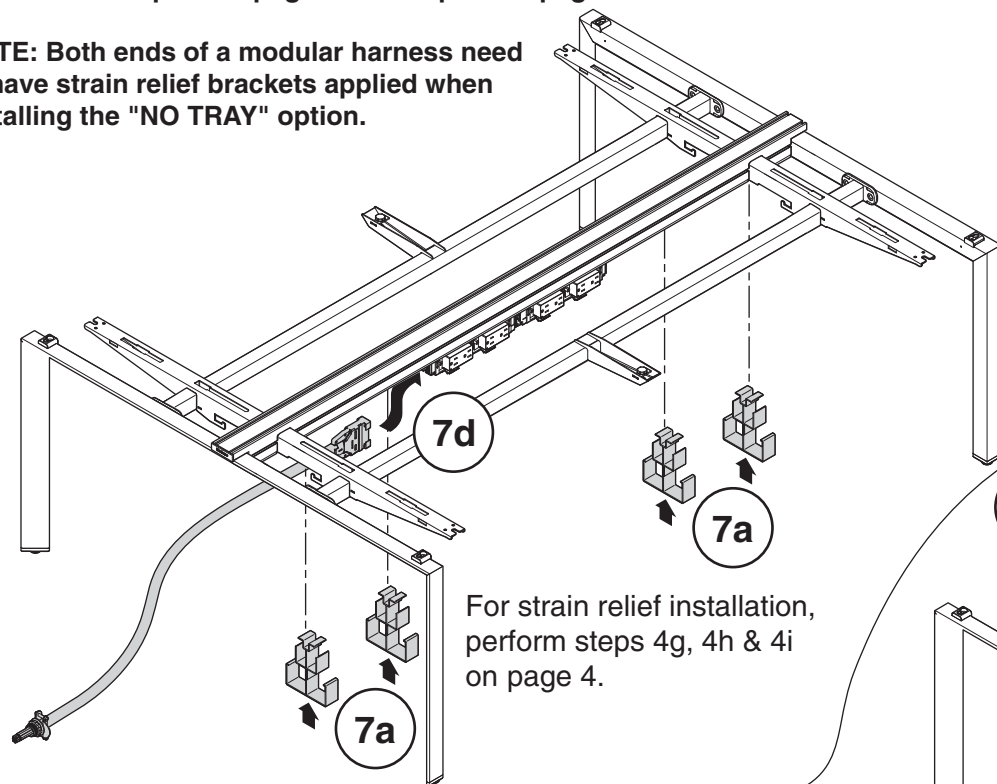
NOTE: If receptacles are not required inside a power block and connections are not being used, make sure to apply a receptacle cover to **ALL** open ports and a cover to all open lines when installing the "NO TRAY" or Simple tray option. See step 4a on page 3 and step 6a on page 8.

NOTE: Both ends of a modular harness need to have strain relief brackets applied when installing the "NO TRAY" option.



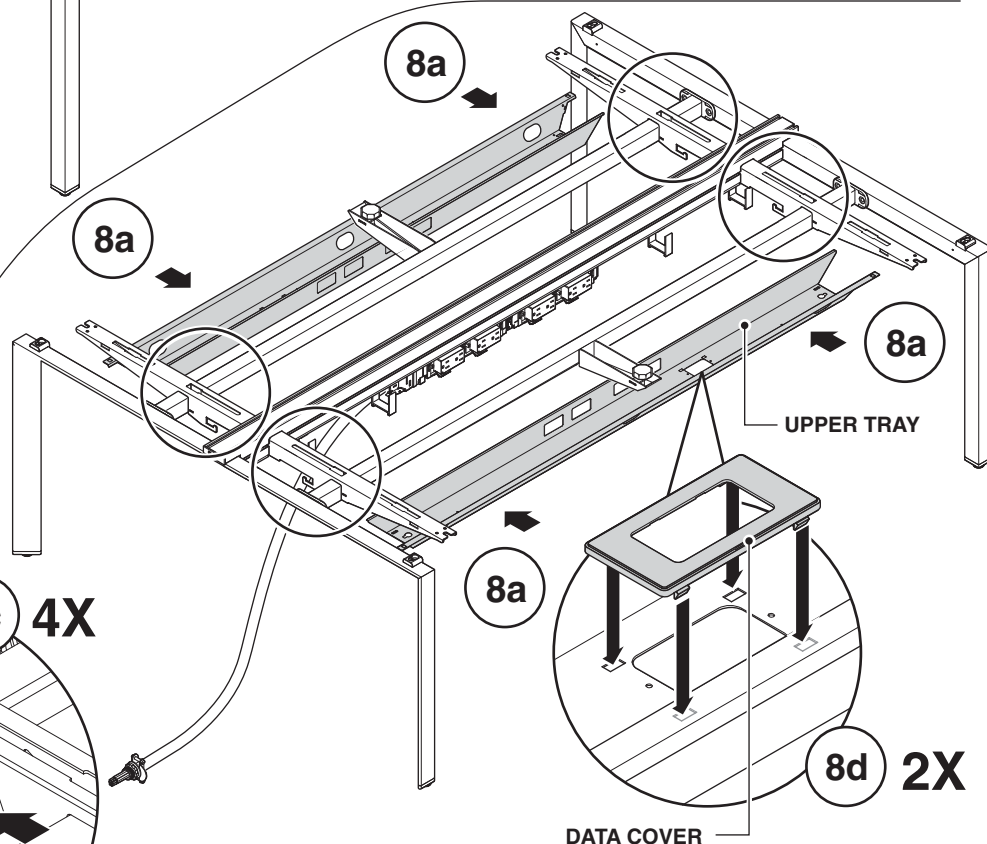
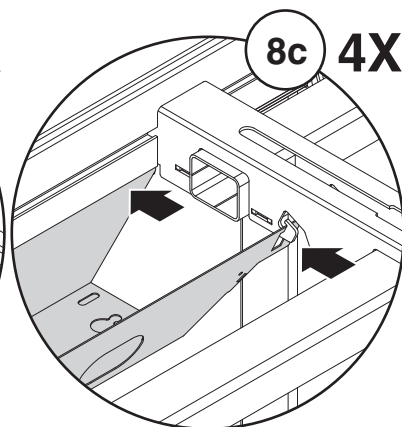
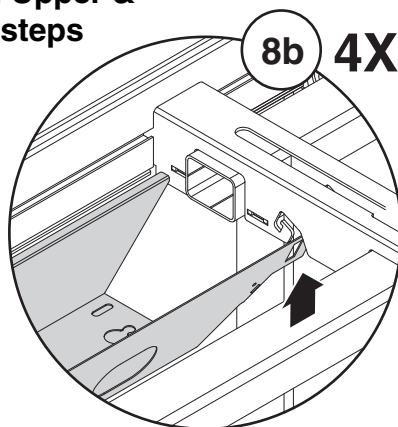
NOTE: Pinch as indicated to engage into bottom of beam.

NOTE: For benches with simple tray, remove the lower portion.

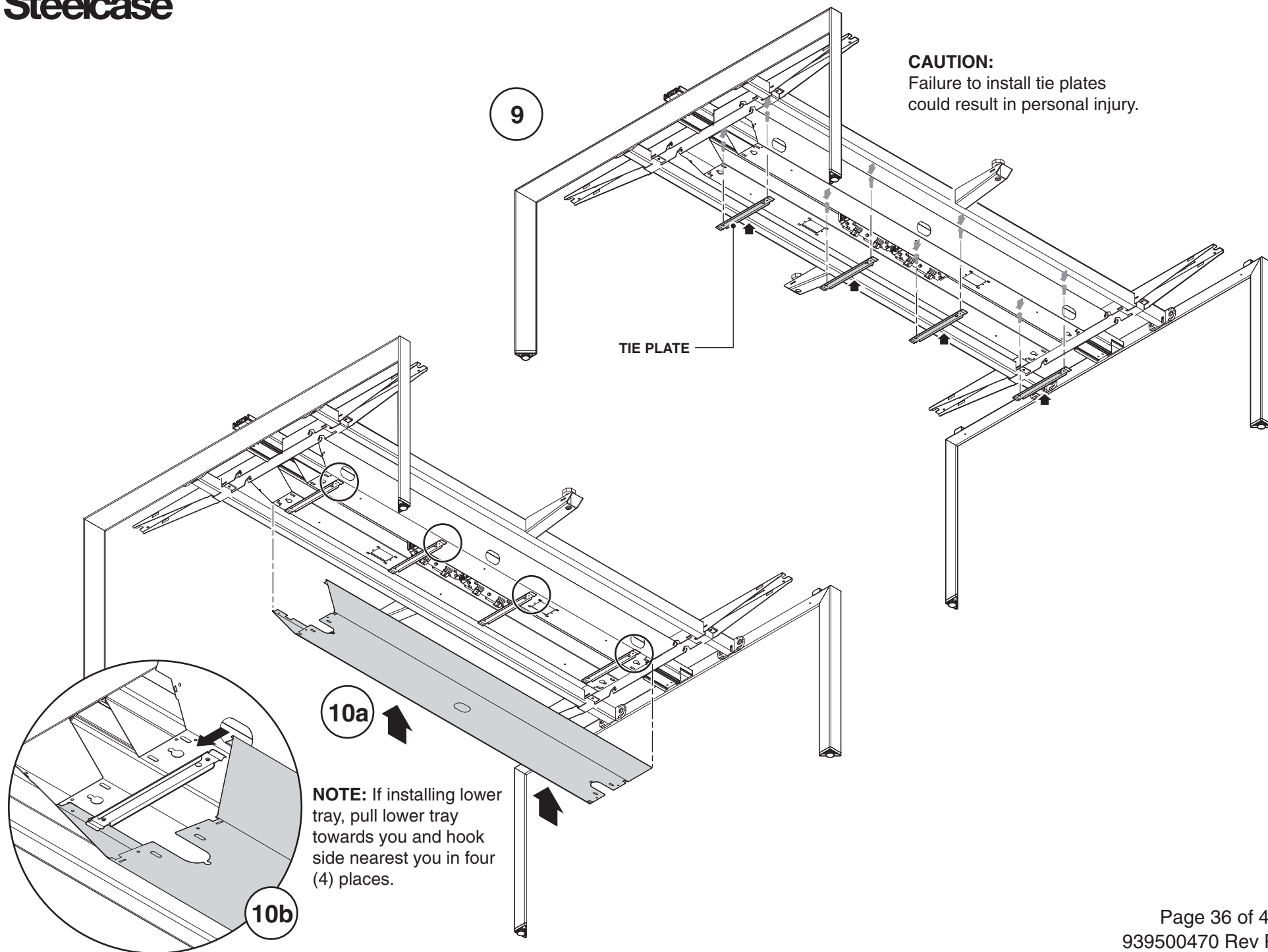


For strain relief installation, perform steps 4g, 4h & 4i on page 4.

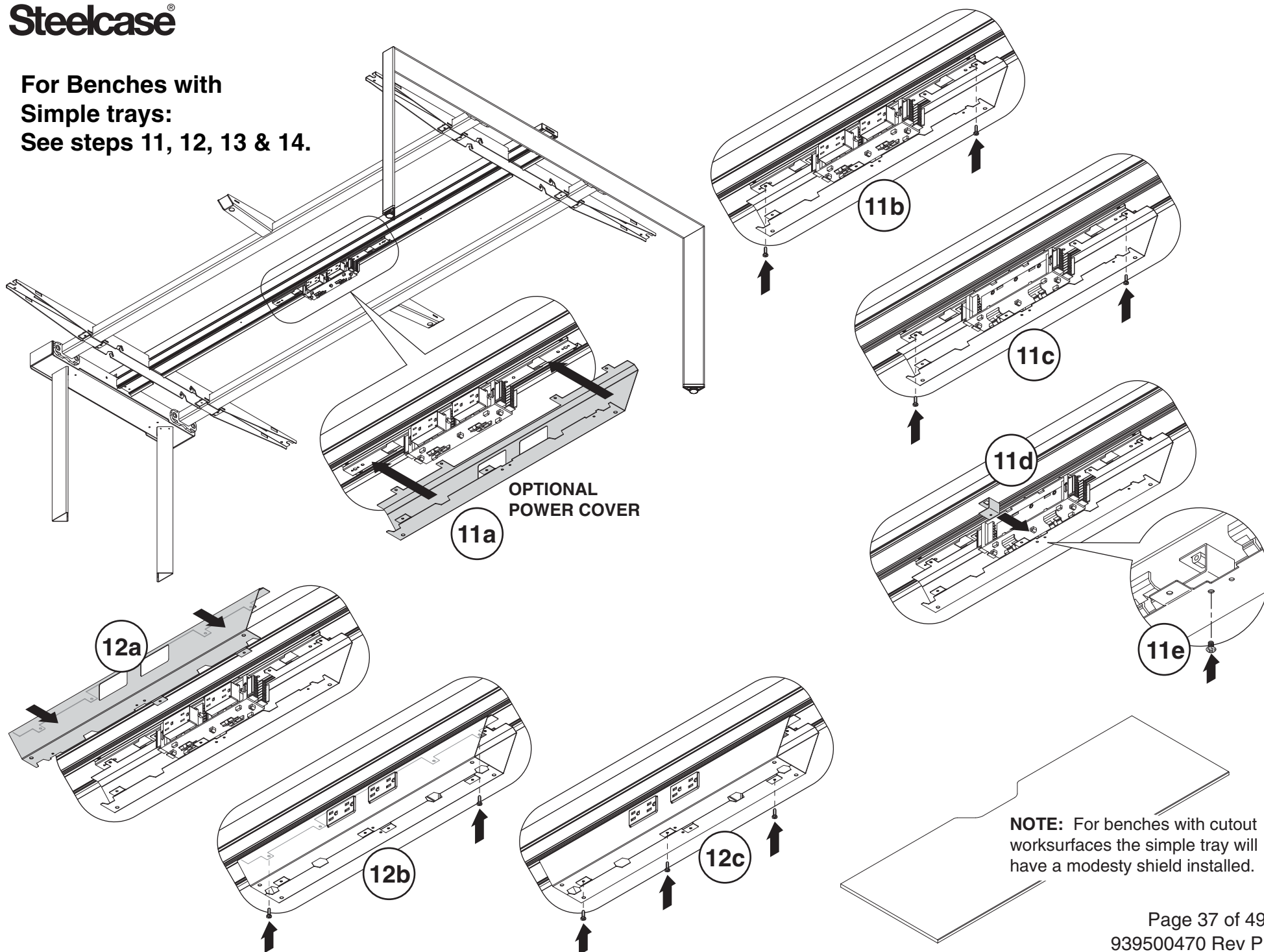
For Benches with Upper & Lower trays: See steps 8, 9 & 10.

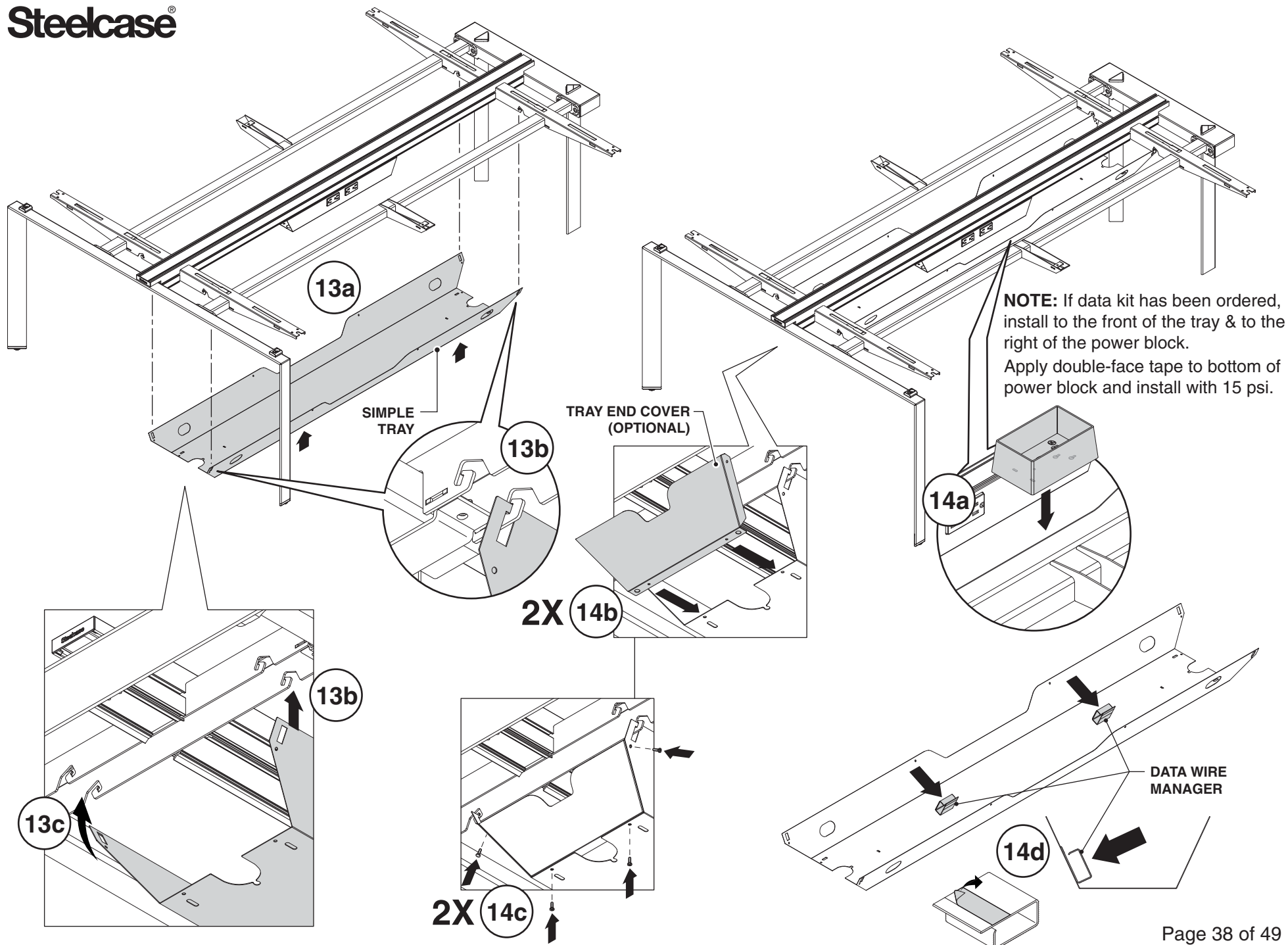


NOTE: At this point, route data wires through wire managers and plug into data cover.

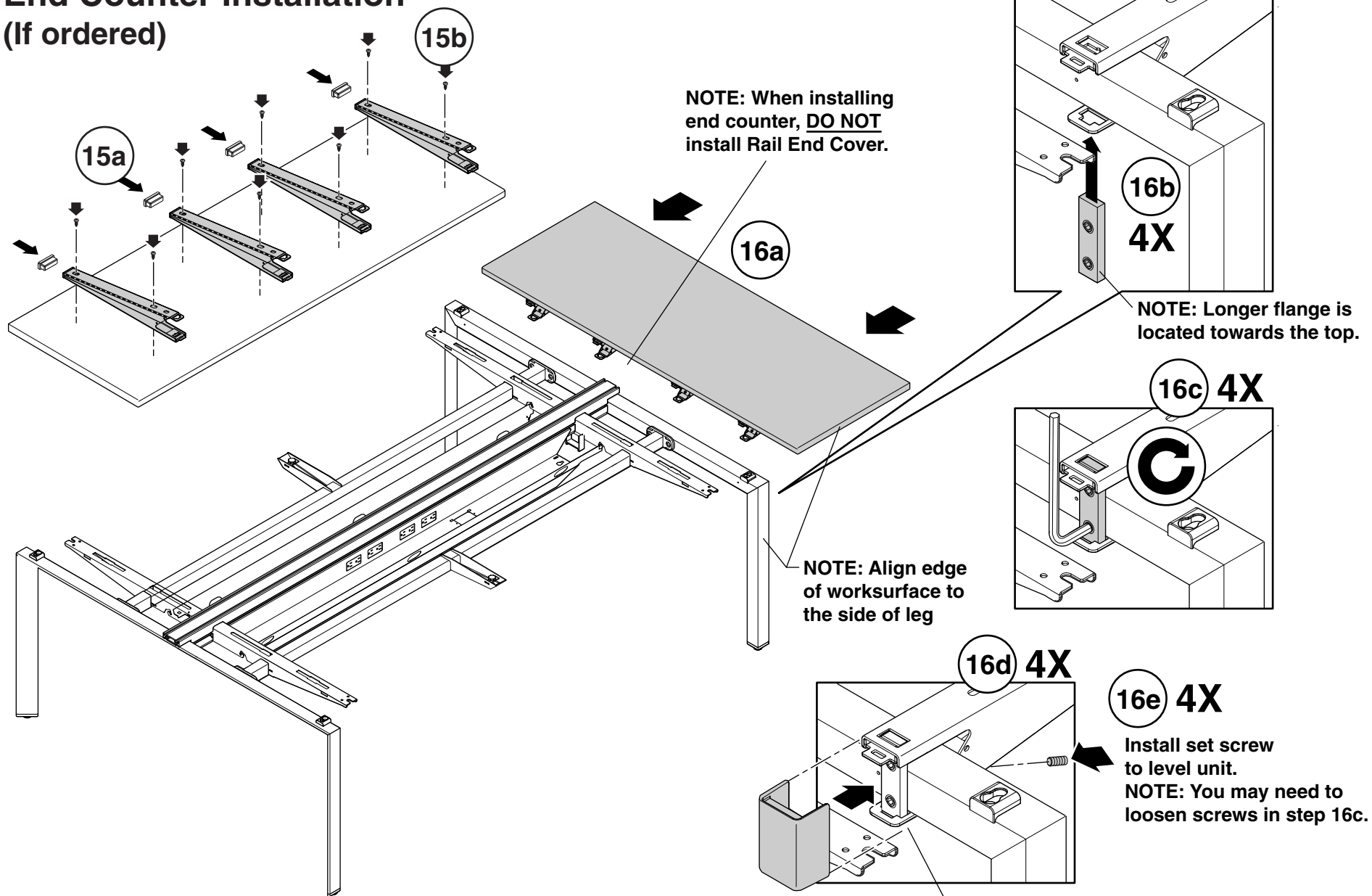


**For Benches with
Simple trays:
See steps 11, 12, 13 & 14.**



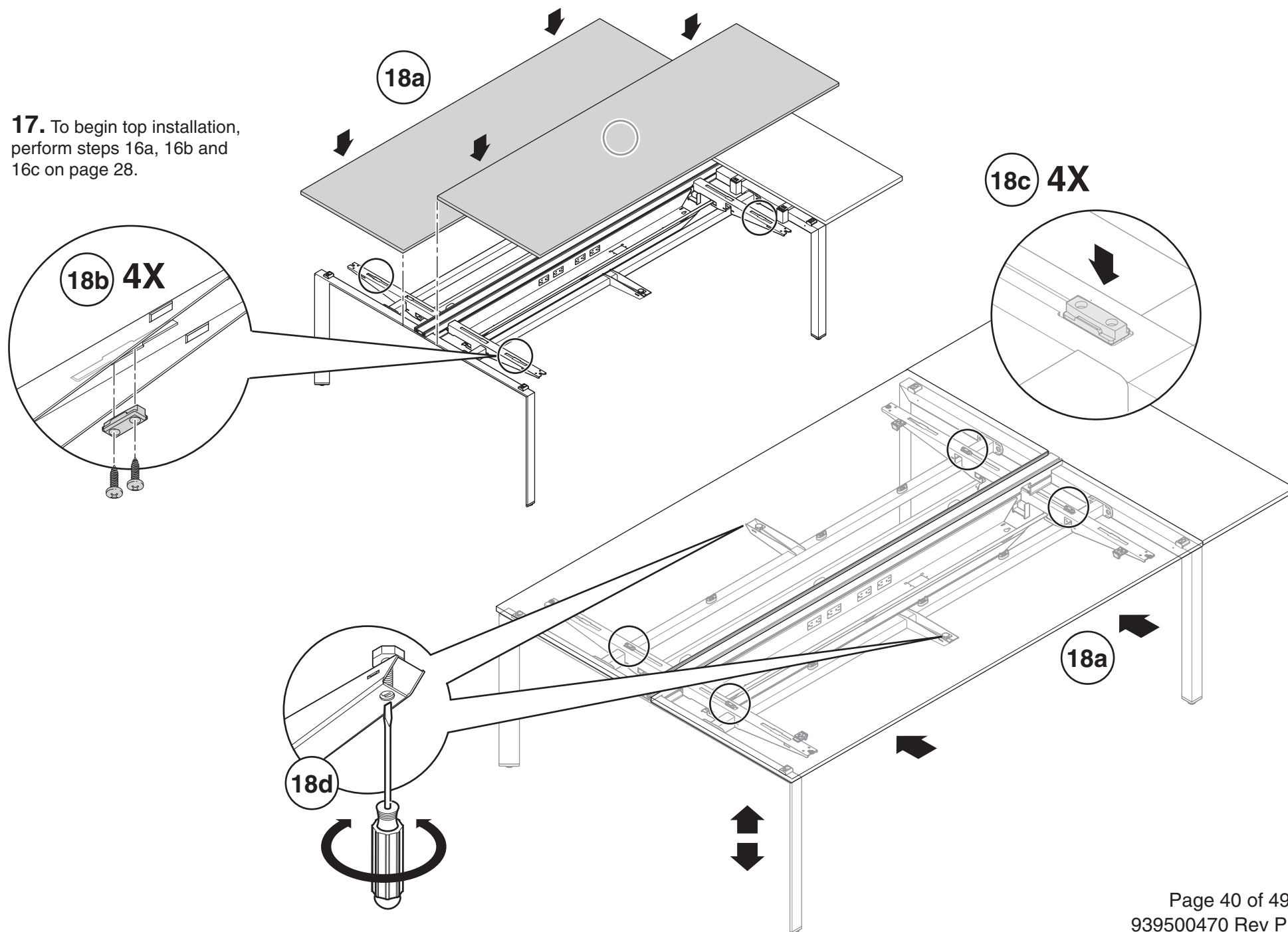


End Counter Installation (If ordered)

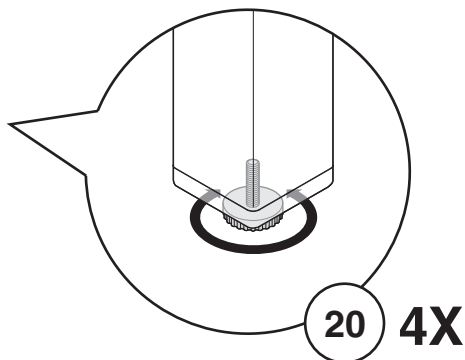
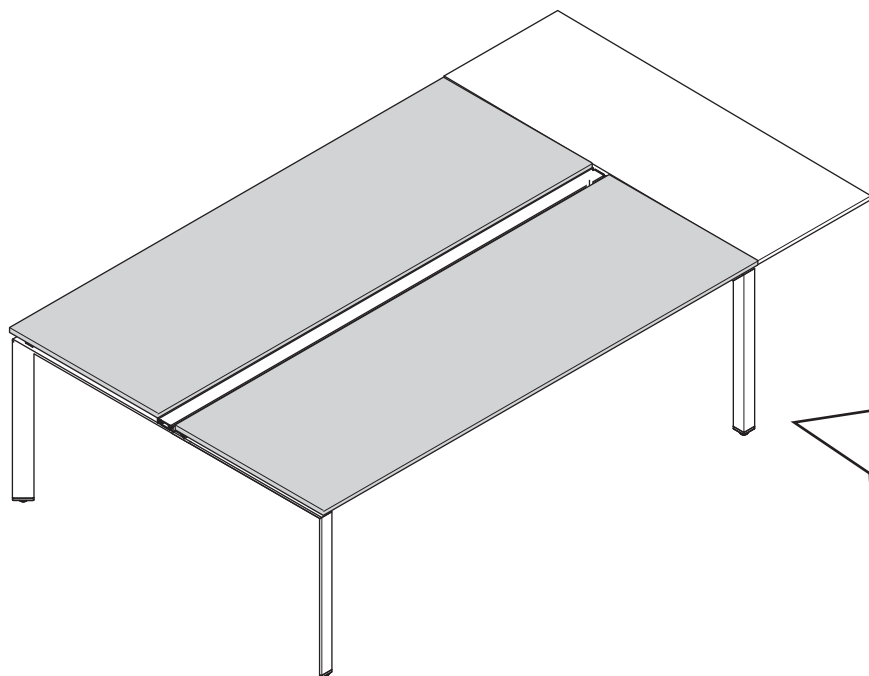
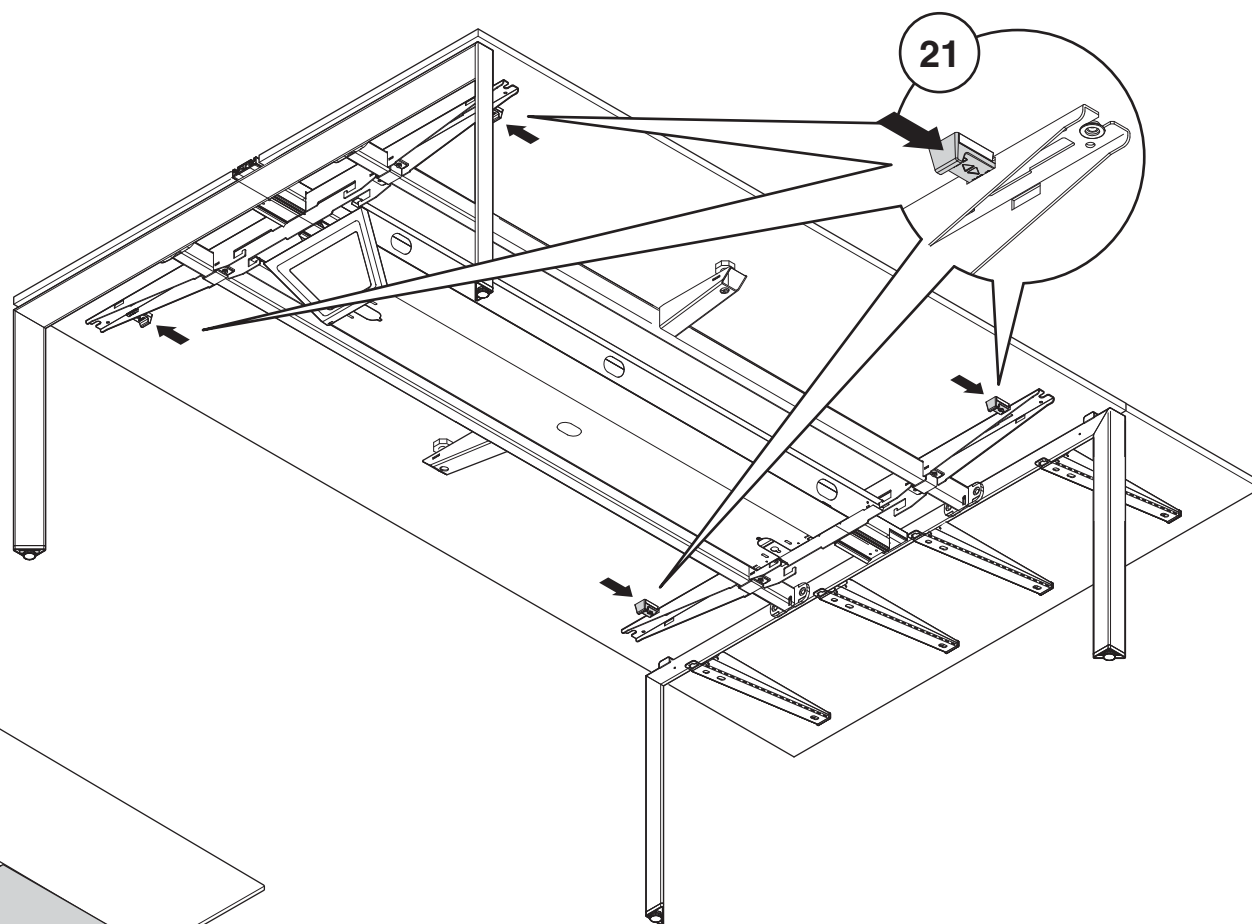


NOTE: Bend/Adjust lower flange as necessary to ensure a proper fit up of cover.

17. To begin top installation, perform steps 16a, 16b and 16c on page 28.



19. To install tray end covers, perform steps 11a, 11b and 11c on page 10 for benches with upper trays.



Frame One Bench - Dual to Dual

2. To install cantilevers to frame assembly and center beam to cantilevers, perform steps 3a & 3b on page 33 twice. A total of four (4) cantilevers will be installed.

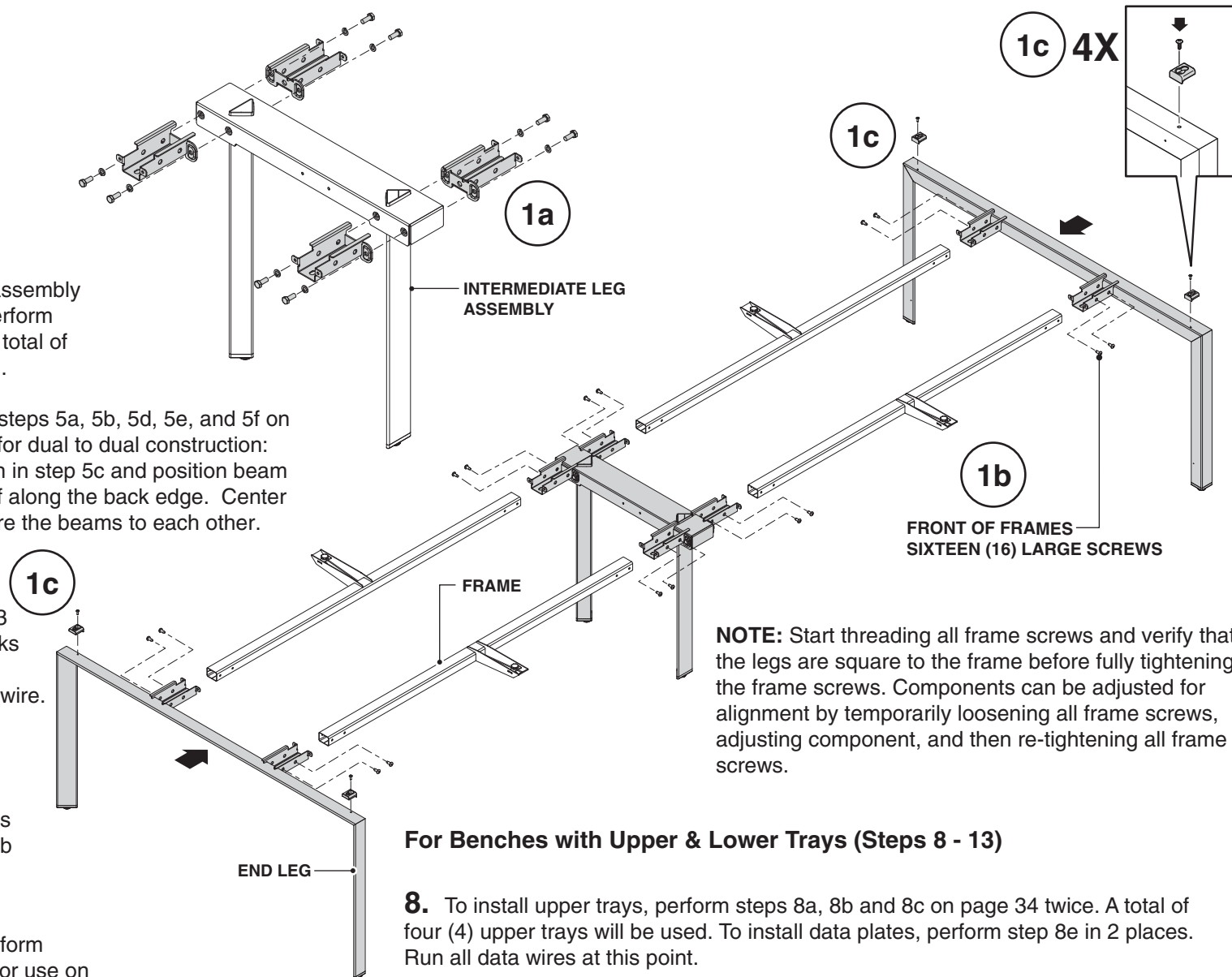
3. For beam installation, perform steps 5a, 5b, 5d, 5e, and 5f on page 19, noting these differences for dual to dual construction: Omit single-sided trim piece shown in step 5c and position beam at the center of the legs, instead of along the back edge. Center brackets must be installed to secure the beams to each other.

4. For power block installation, perform steps 4a and 4b on page 3 twice. A total of two (2) power blocks and two (2) beams will be used. (4c-4i on pages 3 and 4 is for hardwire. Pages 5 and 6 are for New York Power-In Feed).

5. To install block-to-block harness and base power-in, perform step 7b on page 21.

6. For strain relief installation, perform steps 7c, 7d and 7e on page 21. For use on all Power-In feeds and on applications with "NO TRAY" options, apply strain relief to both ends of modular harnesses.

7. To install wire managers, perform steps 7a, 7b, 7c and 7d on page 34 twice. A total of eight (8) wire managers will be used.

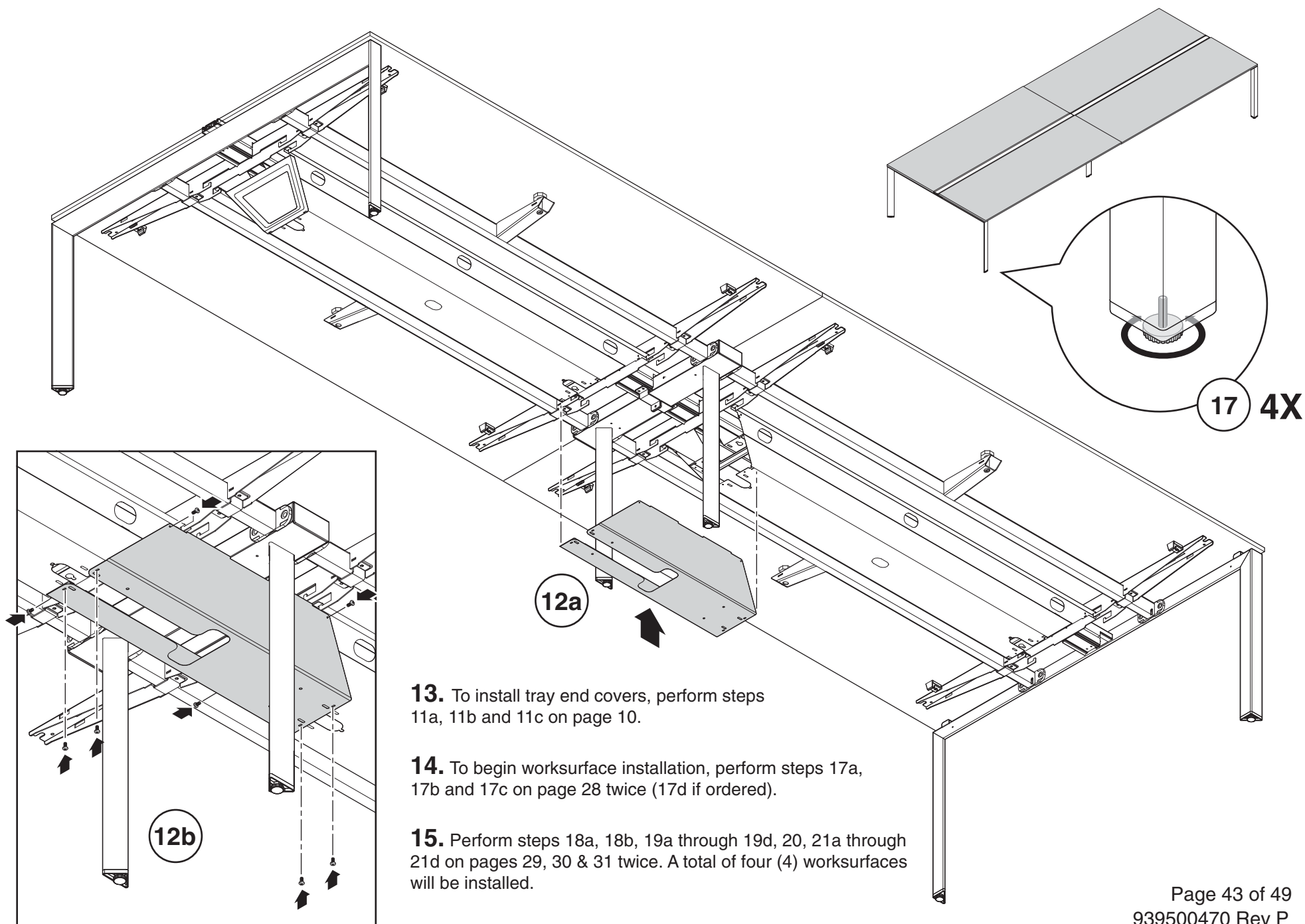


For Benches with Upper & Lower Trays (Steps 8 - 13)

8. To install upper trays, perform steps 8a, 8b and 8c on page 34 twice. A total of four (4) upper trays will be used. To install data plates, perform step 8e in 2 places. Run all data wires at this point.

9. To install tie plates, perform step 9 on page 35 twice. A total of eight (8) tie plates will be used.

10. To install lower trays, perform steps 10a and 10b on page 35 twice. A total of two (2) lower trays will be used.

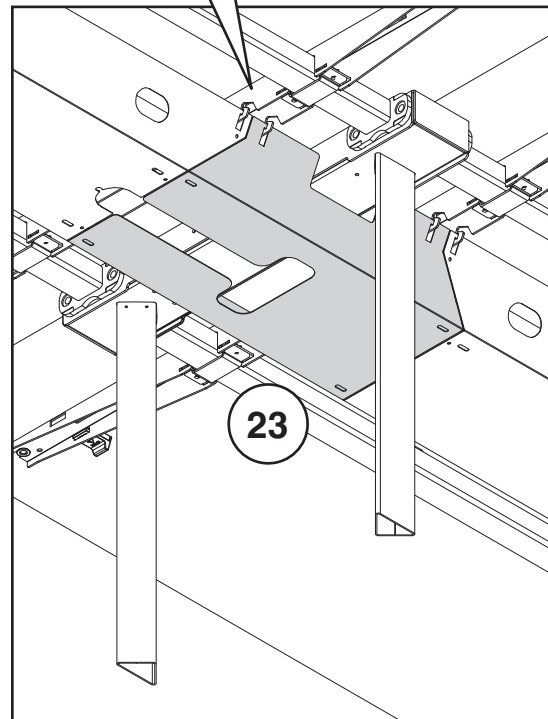


13. To install tray end covers, perform steps 11a, 11b and 11c on page 10.

14. To begin worksurface installation, perform steps 17a, 17b and 17c on page 28 twice (17d if ordered).

15. Perform steps 18a, 18b, 19a through 19d, 20, 21a through 21d on pages 29, 30 & 31 twice. A total of four (4) worksurfaces will be installed.

For Benches with Simple Trays (Steps 18 - 26)



18. To install optional power covers, refer to page 36.

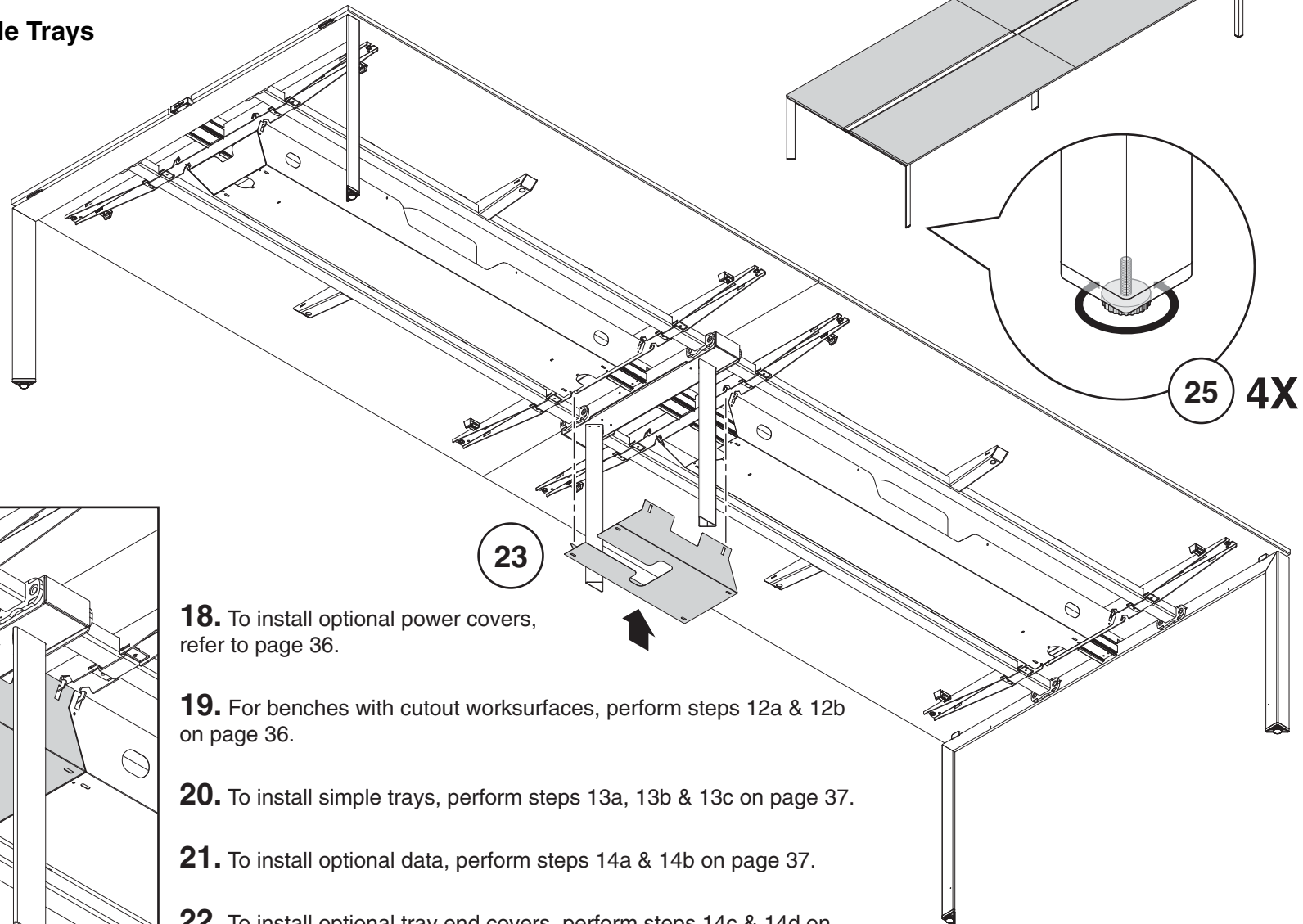
19. For benches with cutout worksurfaces, perform steps 12a & 12b on page 36.

20. To install simple trays, perform steps 13a, 13b & 13c on page 37.

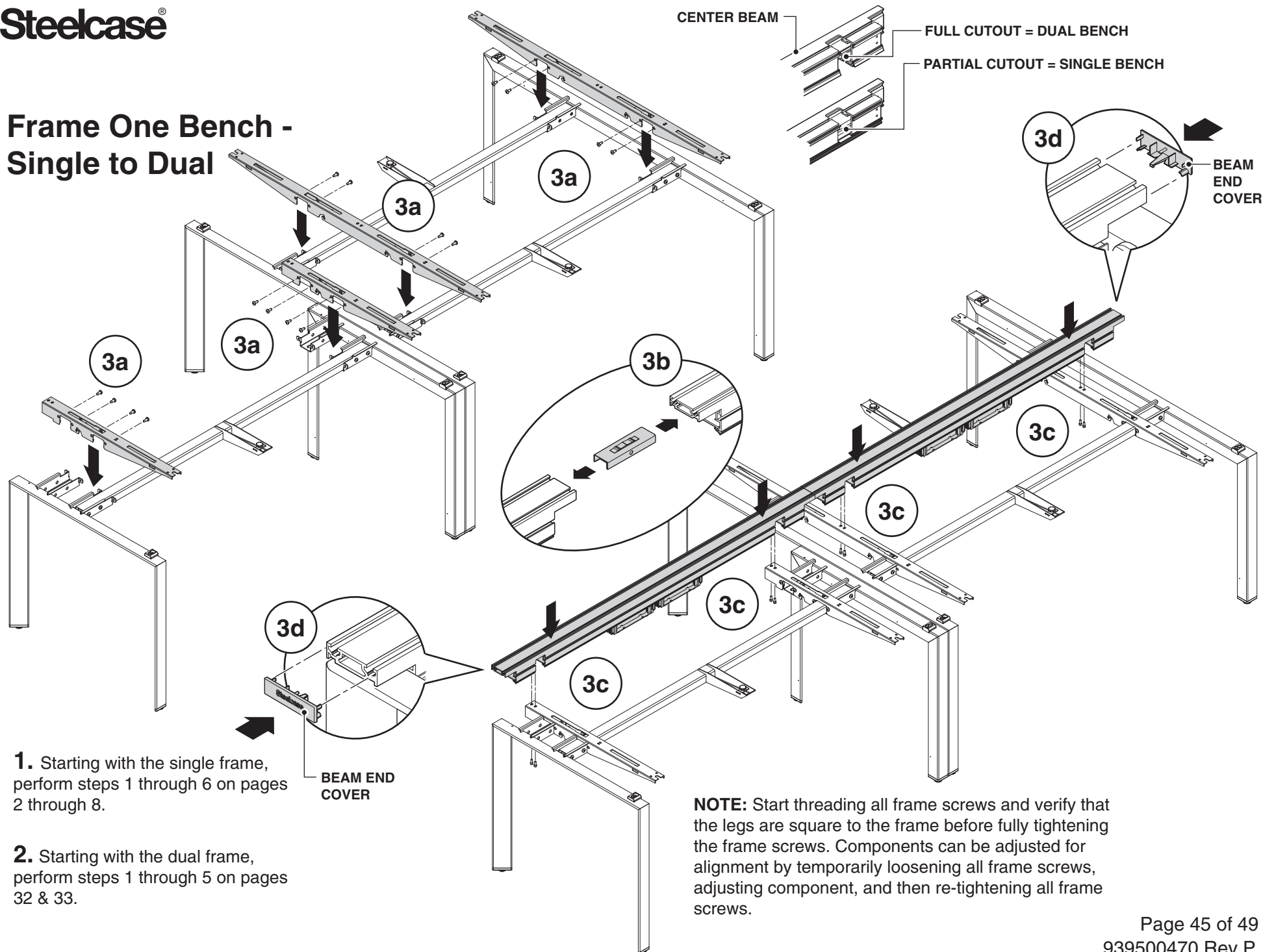
21. To install optional data, perform steps 14a & 14b on page 37.

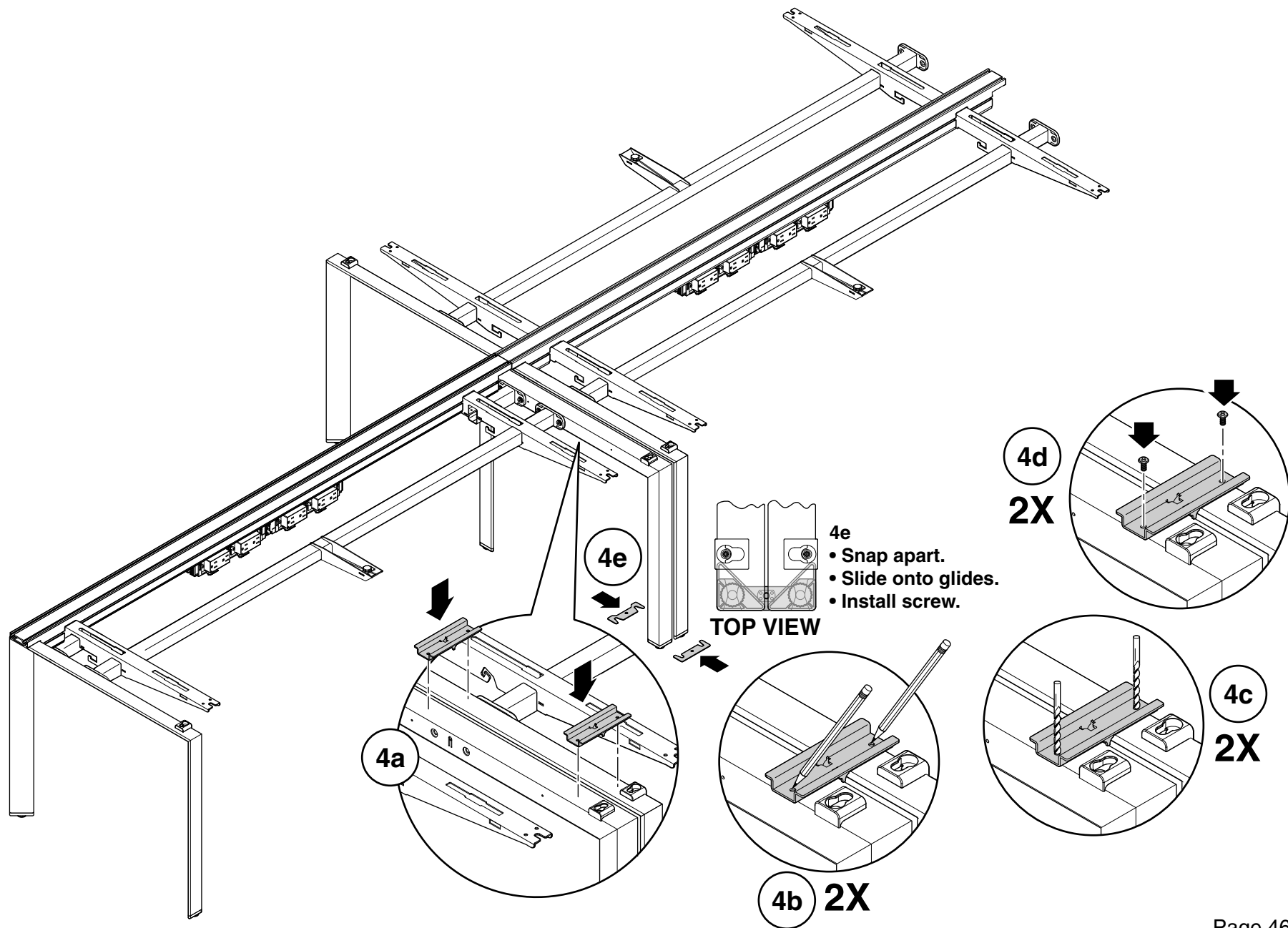
22. To install optional tray end covers, perform steps 14c & 14d on page 37.

24. To install worksurfaces, perform steps 17a, 17b & 17c on page 28 twice (17d if ordered), then perform steps 18a, 18b, 19a through 19d, 20, 21a through 21d on pages 29, 30 & 31 twice. A total of four (4) worksurfaces will be installed.



Frame One Bench - Single to Dual





5. To install power connectors and power-in cables, perform steps 7a through 7e on page 21.

6. To install wire managers for the single unit, perform steps 8a through 8e on page 23 (for benches with upper & lower trays).

To install wire managers for the dual unit, perform steps 7a through 7d on page 34.

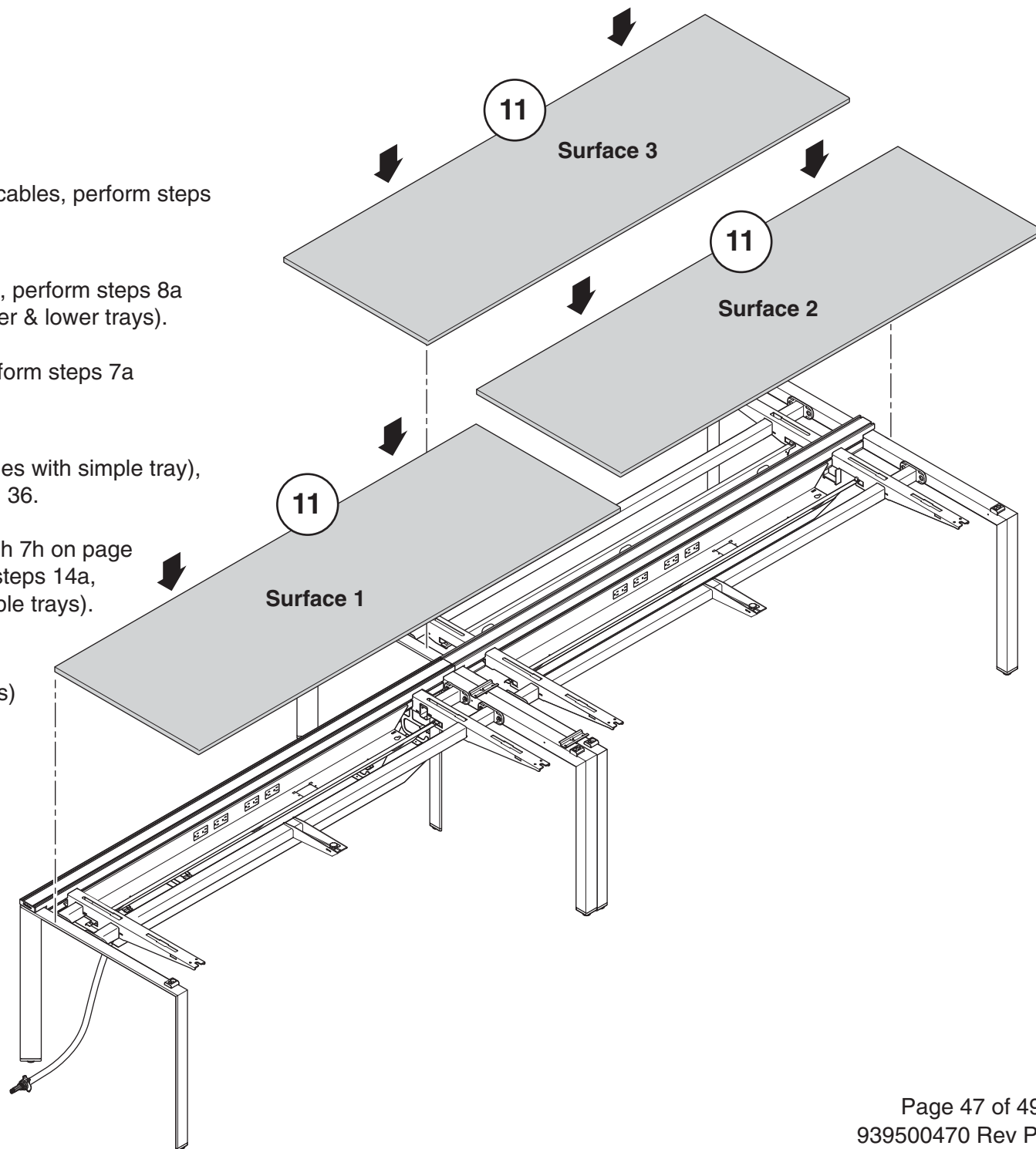
7. To install optional power covers (for benches with simple tray), perform steps 12a-d on pg. 11 & 11a-h on pg. 36.

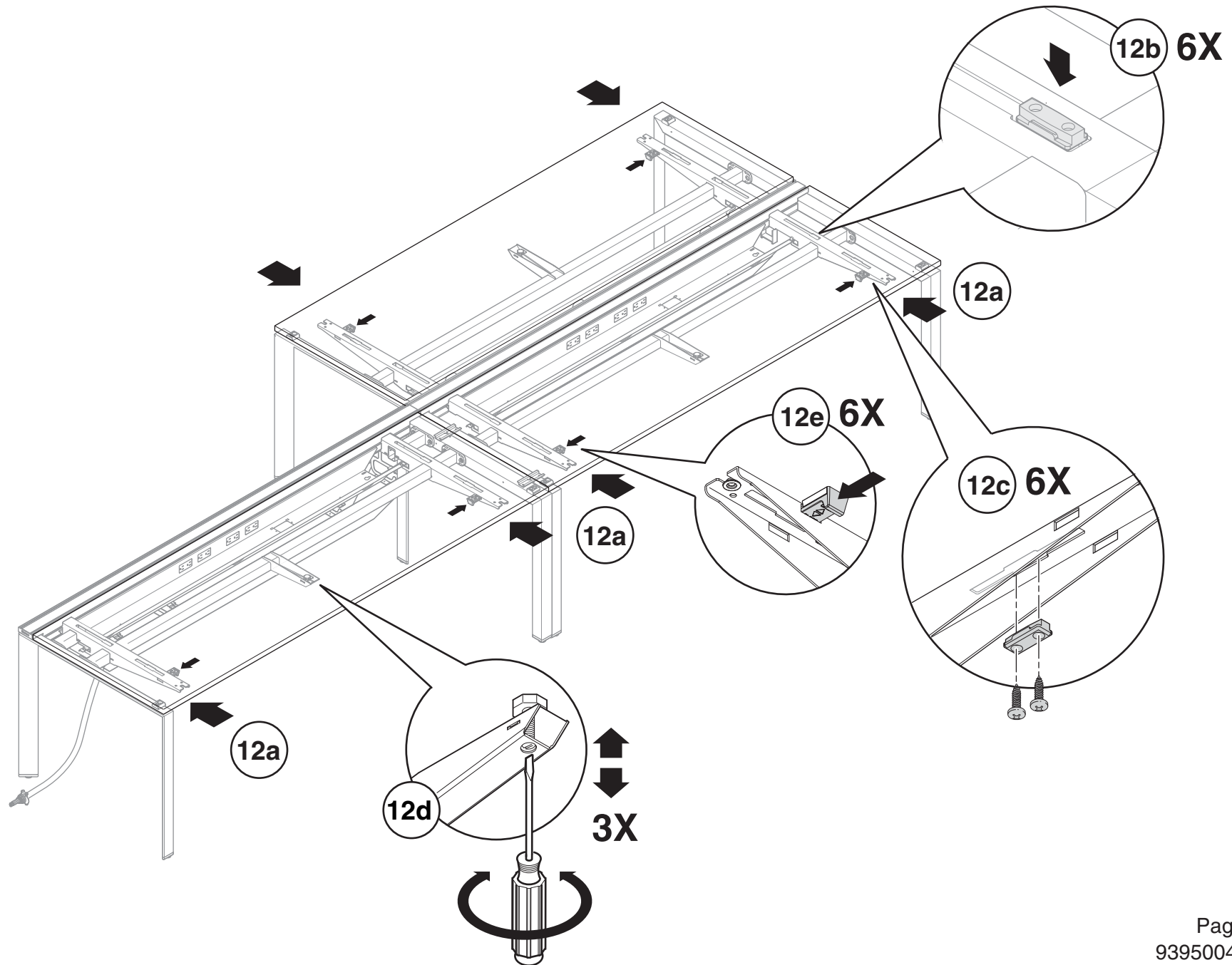
To install upper trays, perform steps 7f through 7h on page 22 (for benches with upper & lower trays) or steps 14a, 14b, & 14c on page 25 (for benches with simple trays).

8. To install data covers, perform step 9 on page 23 (for benches with upper & lower trays) or steps & 15b on page 26 (for benches with simple trays) in three (3) places.

9. To install lower trays or extension trays, performs steps 10 & 11 on pages 23 and 24 (for benches with upper & lower trays) or steps 16a through 16d on page 27 (for benches with simple trays).

10. To begin worksurface installation, perform steps 17a, 17b & 17c on page 28 three (3) times (17d if ordered).





13. To install end covers, perform steps 11a, 11b and 11c on page 10 (for benches with upper & lower trays) or perform steps 15c & 15d on page 26 (for benches with simple trays).

NOTE: Tray end covers at transition from dual to single may require field cutting to allow proper access routing of power & data cables (for benches with upper & lower trays).

