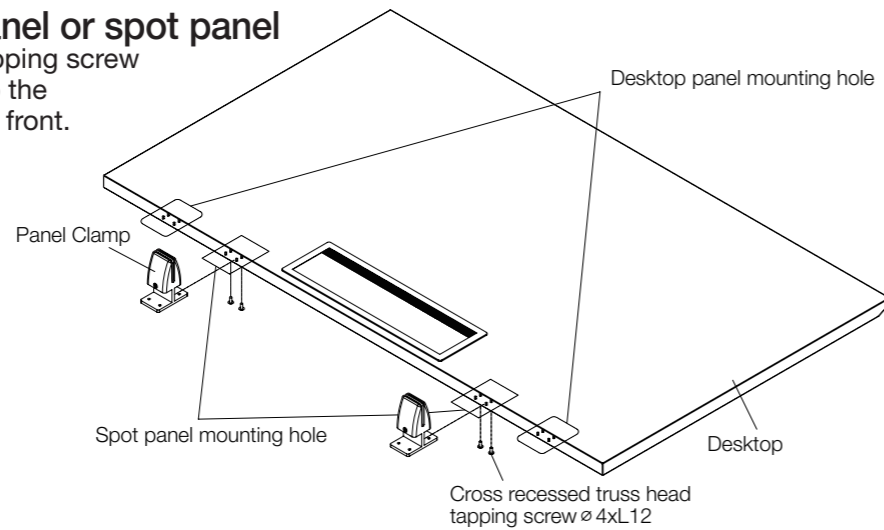


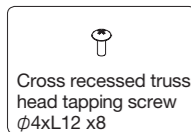
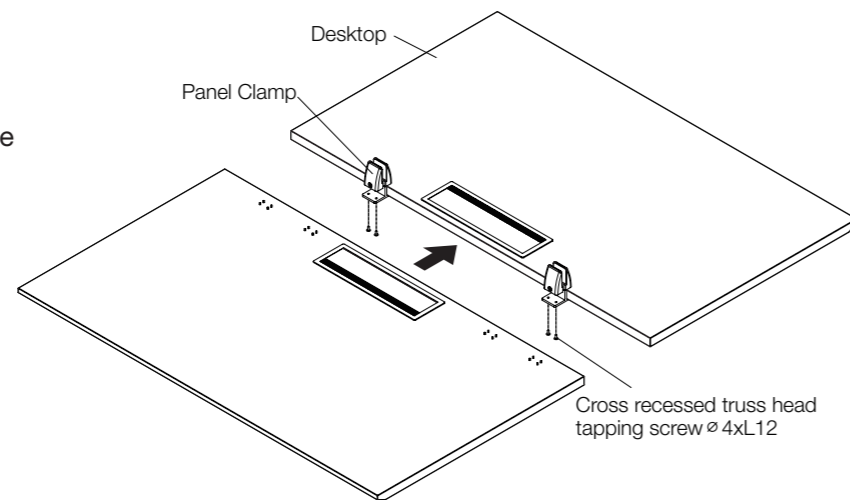
■ Attaching the desktop panel or spot panel

① Using the screws (truss head tapping screw $\varnothing 4 \times L12$), fix the panel clamps to the back side when viewed from the front.

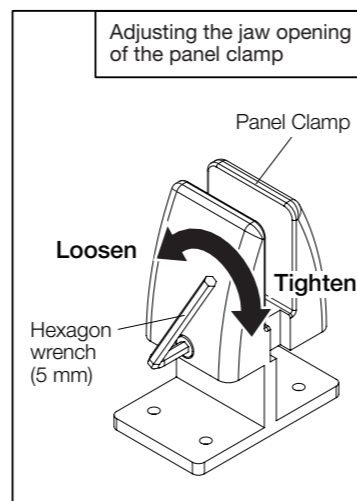
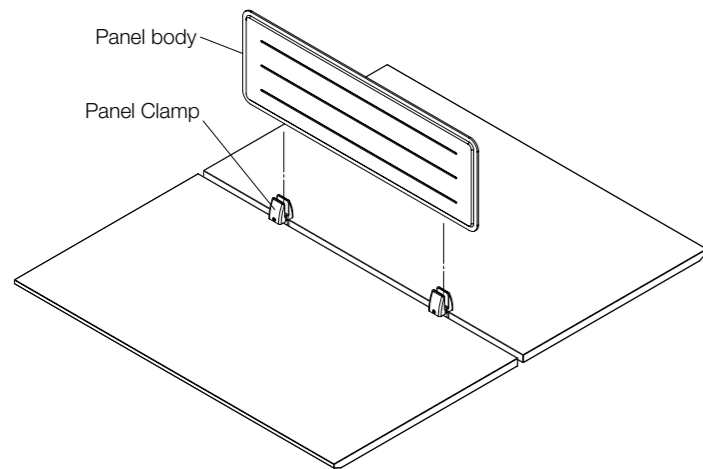
* Use the inner holes to attach the spot panel or the outer holes to attach the desktop panel.



② Insert the other desktop from the front, and fix the panel clamps using the screws (truss head tapping screw $\varnothing 4 \times L12$) in the same way as in ①.



③ Push the panel into the jaw opening of the panel clamps, adjust the jaw opening, and fix the panel body.



Lastly... Make sure of the following items when assembling is complete.

- Are bolts completely tightened?
- Are there any scratches, dirt, distortions or malfunctions?
- Are there any packaging materials or trash on the floor?

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Manifold A Bench Double

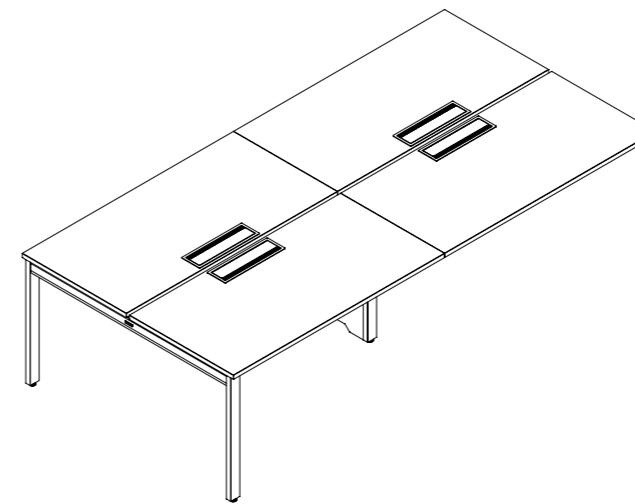
Main unit/Panel

Assembly Guide

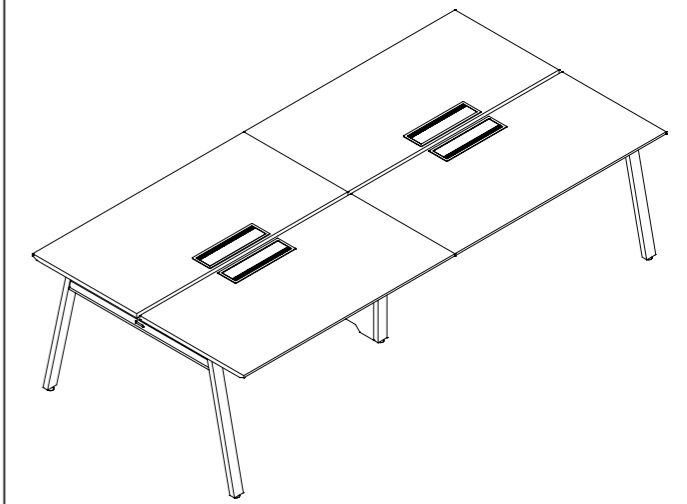
This guide will enable you to properly assemble and use the Manifold-A Bench system. Read this guide thoroughly and fully understand its content before assembling the product.

Figure of completed assembly

■ Bench Double (Straight Leg)



■ Bench Double (Straight Leg)



Safety Instructions (Make sure to follow these instructions)

Caution This indicates that improper handling may cause injury or property damage.

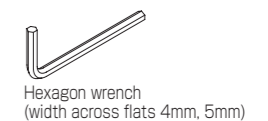
Caution

- Secure enough workspace before assembly. Failure to do so may cause injury.
- Assembly must be conducted by two or more people. Failure to do so may cause injury.
- Use specified tools for assembly. Improper assembly, such as not completely tightening screws, may cause damage to the product or cause the product to overturn resulting in injury.
- Take gloves off when using power tools. Gloves may get caught in tools causing injury.
- Be careful when handling the ends and backs of parts, and with the gaps between parts. Failure to do so may cause injury.

Assembly Preparations

- Ensure that you have all the parts required.
- Prepare tools for assembly.
- When you insert screws, lightly tighten before completely tightening them.
- Handle the product with care

Tools



[Bench Double Components]

Desktop

* Slant desktops are used for the slant leg type while straight desktops are used for the straight leg type.

Straight Leg

Hexagon socket head cap screw M6xL15 (Flat-to-flat distance 5mm) x8(for Desktop+Leg)

Slant Leg

Hexagon socket head cap screw M6xL15 (Flat-to-flat distance 5mm) x12(for Desktop+Leg)

Slant leg cover

Wiring Cover

Cross recessed head tapping screw $\varnothing 4 \times L15$

Middle Leg

Hexagon socket head cap screw M6xL15 (Flat-to-flat distance 5mm) x8
Hexagon socket head cap screw M6xL90 (Flat-to-flat distance 5mm) x2
Hexagonal nut M6x2

Wiring Duct for Double Bench

Hexagon socket head cap screw M6xL10 (Flat-to-flat distance 5mm) x4 (for Desktop+Leg)

Center Beam

The products with the W size of 1400, 1600, 1800, 2000, and 2400 are provided with intermediary reinforcement.

W size	M pcs
1200, 1400	6
1600, 1800	6
2000, 2400	8

1200W用

Hexagon socket head cap screw M6xL15 (Flat-to-flat distance 5mm) x8(for Desktop+Leg)
Joint connector bolt M6xL45(Flat-to-flat distance 4mm)xM
Joint connector bolt M6xL60(Flat-to-flat distance 4mm)xM

Front Beam

■ Removing the middle leg cover

Cover (Notch)

Middle leg body (Shoulder screw)

1 Attaching the beams to the end legs and middle leg

① Attach the center beam and front beams to the end leg and middle leg to make the frame stand on its own.

Center beam
Front beam
Hexagon socket head cap screw M6xL90
Hexagon socket head cap screw M6xL15
End leg (straight)
Hexagonal nut M6
Middle leg

Hexagon socket head cap screw M6xL15 x14
Hexagon socket head cap screw M6xL90 x2
Hexagonal nut M6 x2

② Fix the front beams and center beam to the legs using the hexagon socket head cap screws (M6xL15).
* Screw the middle leg and center beam together using the hexagon socket head cap screws (M6xL90) and hexagonal nuts.

Connection with the middle leg
Hexagon socket head cap screw M6xL15
Hexagon socket head cap screw M6xL90
Hexagonal nut M6
Center beam
Middle leg

Connection with the end leg
Hexagon socket head cap screw M6xL15
Fix to the weld nut in the end leg body
End leg (straight)
Center beam

■ For slant legs

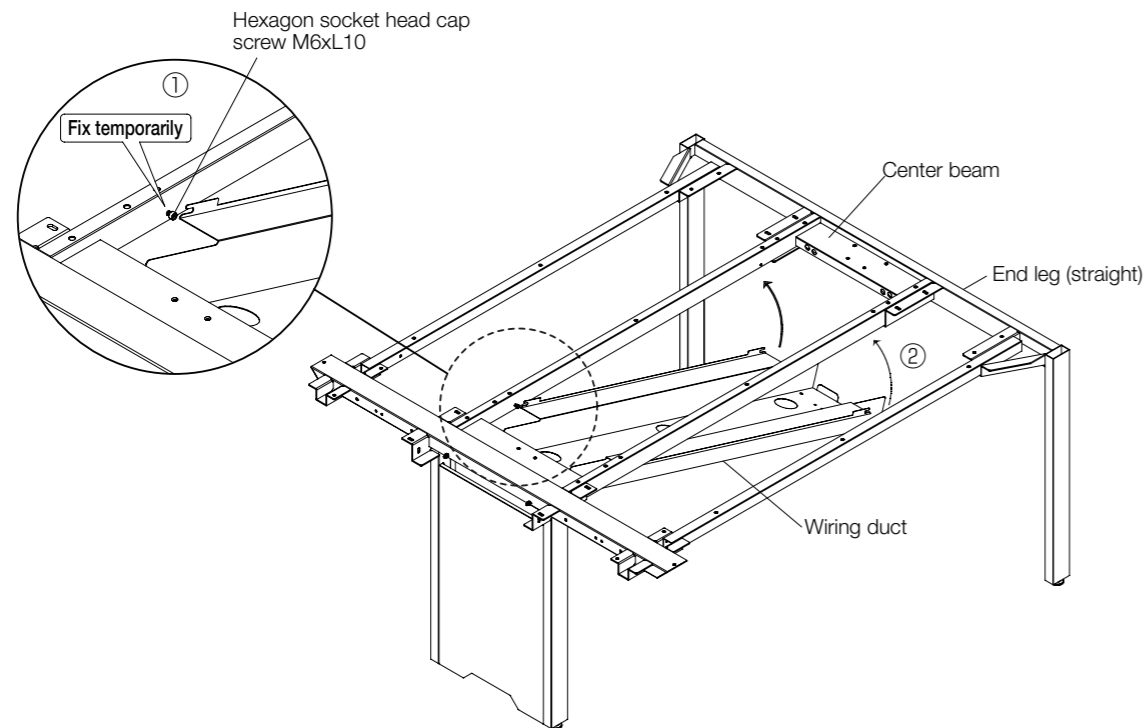
Hexagon socket head cap screw M6xL90
Center beam
Front beam
Front beam
Slant leg cap
Hexagon socket head cap screw M6xL15
Leg arm
End leg (slant)
Middle leg

Hexagon socket head cap screw M6xL15 x14
Hexagon socket head cap screw M6xL90 x2
Hexagonal nut M6 x2

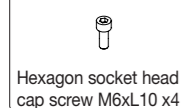
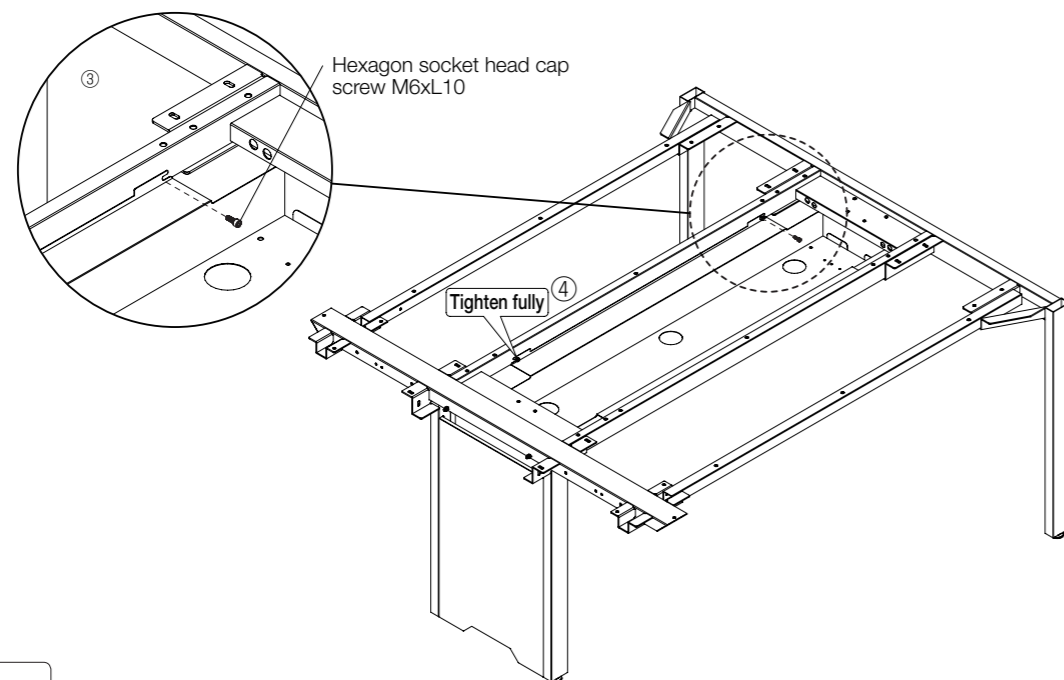
Insert the hexagon socket head cap screws (M6xL15) about halfway into the front beams on the end leg side in advance. Push the front beam into the notch in each leg arm, and then fully tighten the screws.

2 Attaching the wiring duct

- ① Temporarily tighten the hexagon socket head cap screws (M6xL10) inside the center beam in advance.
- ② Hook the two notch portions of the wiring duct to the hexagon socket head cap screws (M6xL10) attached in Step ①.

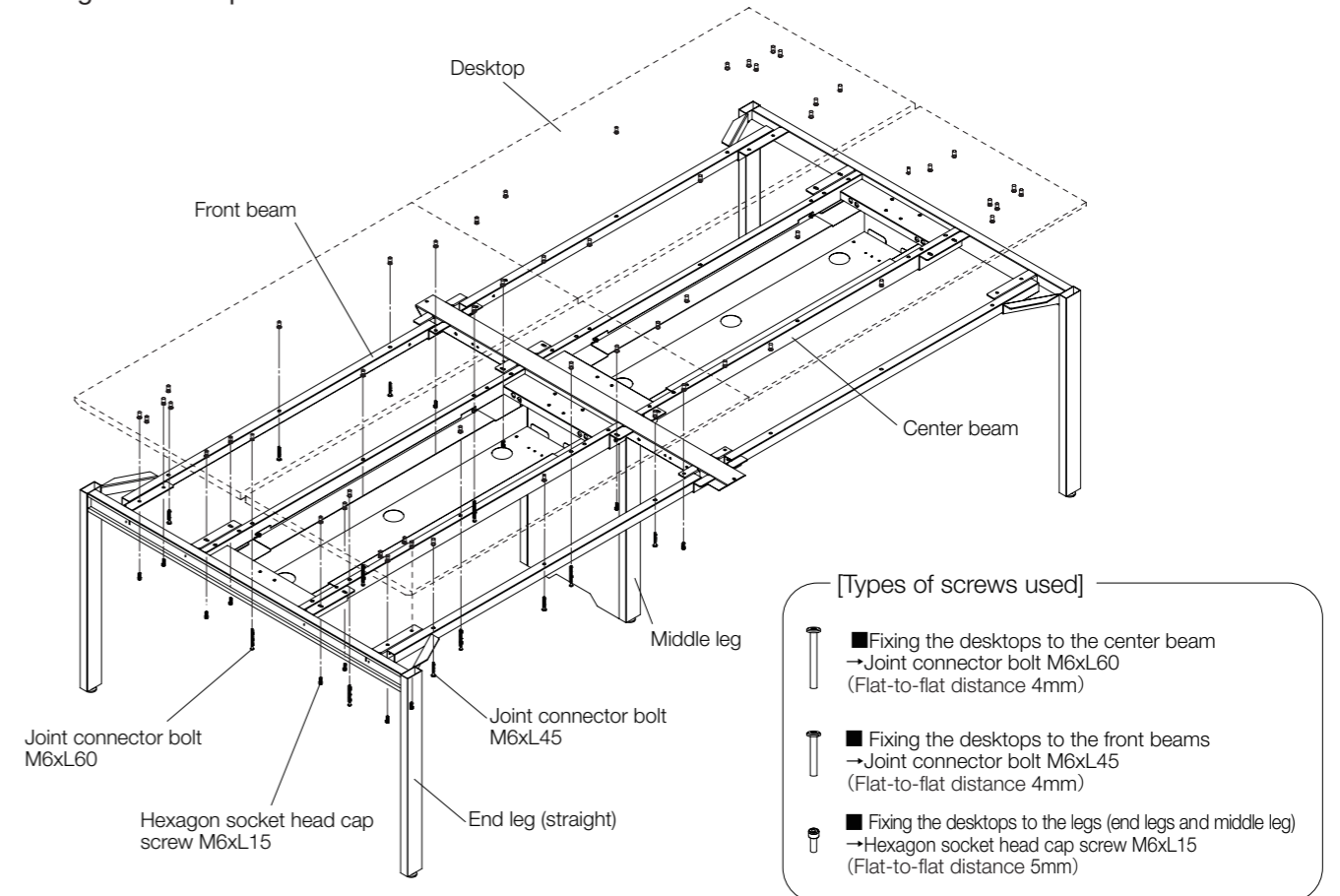


- ③ Lift the opposite side of the wiring duct, align the notch with the hole, and fix the wiring duct using the hexagon socket head cap screws (M6xL10).
- ④ Fully tighten the hexagon socket head cap screws (M6xL10) which were temporarily tightened in Step ①.

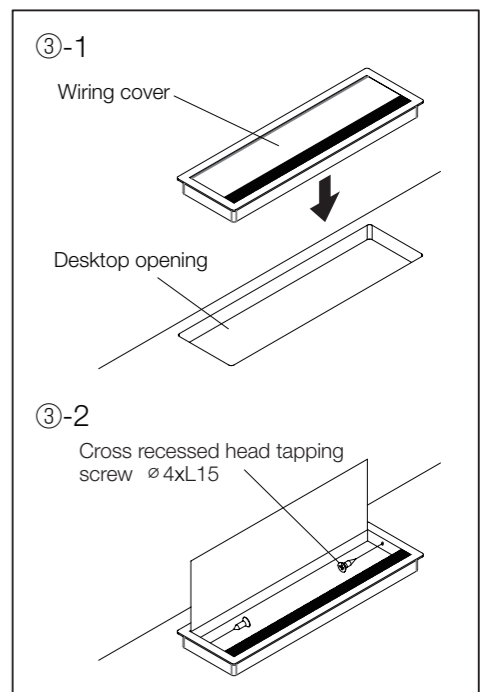
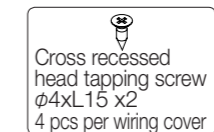
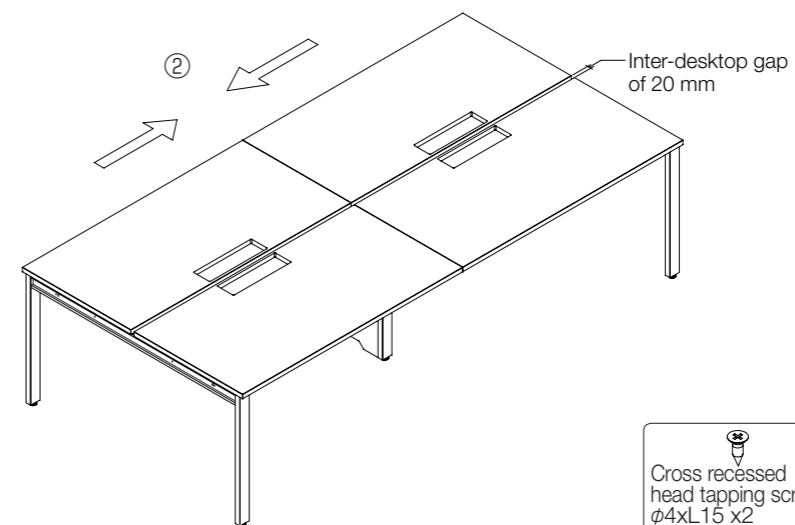


3 Mounting the desktops

- ① Temporarily fix the frame (center beams and front beams) to the desktops, and the legs (end legs and middle legs) to the desktops.
- <Caution> Carefully check the screw type before assembly. An incorrect screw may pierce through the desktop, which will be damaged.
- * When attaching a desktop panel or spot panel, be sure to check the panel mounting method before fixing the desktops.



- ② Next, push the desktops to each other so that there will be no gaps between the desktops, and then fully tighten the screws.
- ③ Push the wiring cover into the desktop opening and fix it using the tapping screws inside the wiring cover.

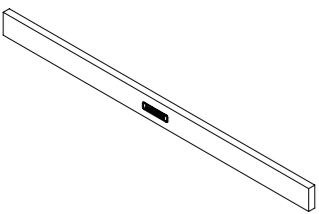
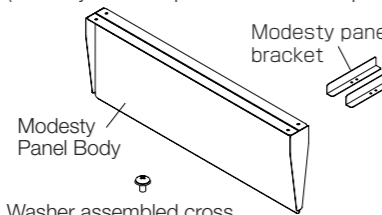
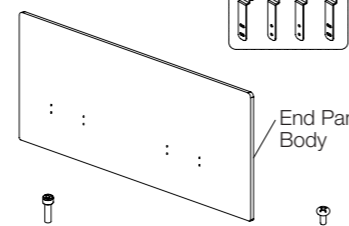
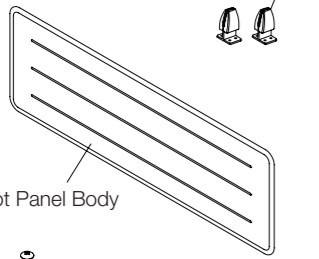
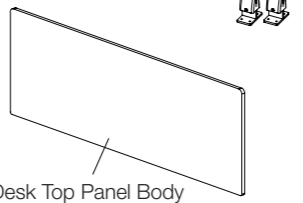


Option

Components

Make sure that you have all of the necessary parts before assembling. ✓

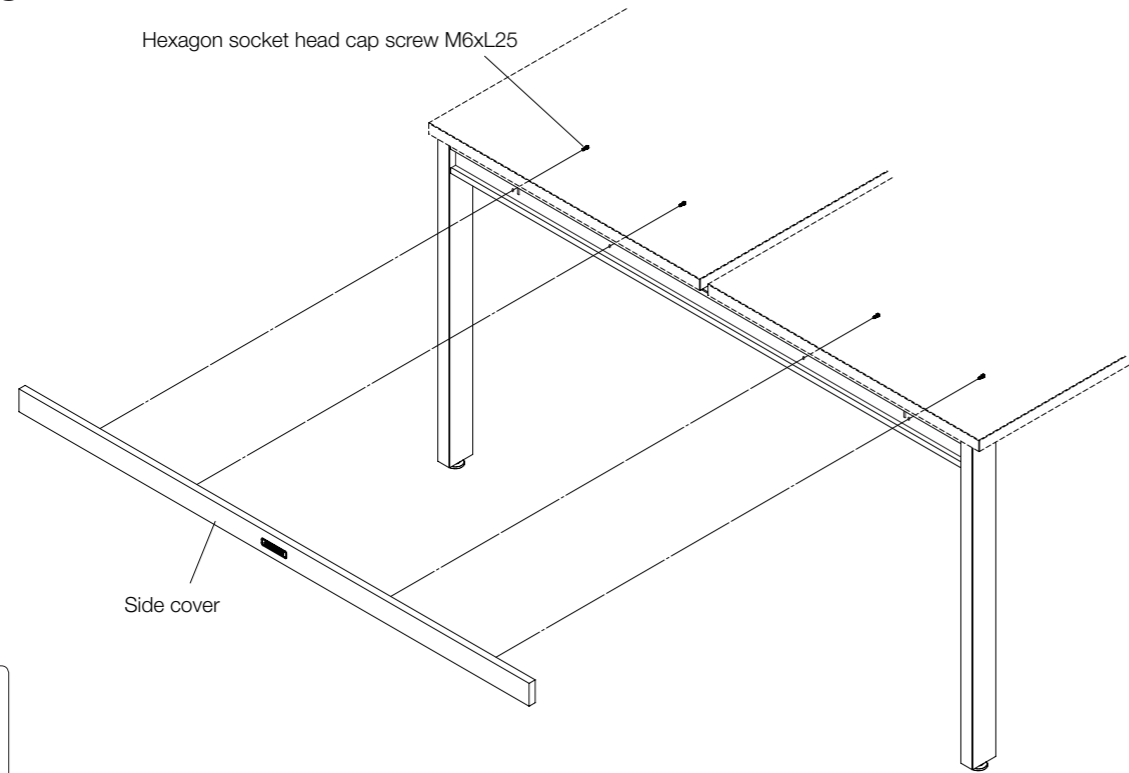
Optional components [Bench Double]

<p>Side cover</p>  <p>Hexagon socket head cap screw M6xL25 (Flat-to-flat distance 5mm) x4</p>	<p>Modesty Panel</p> <p>2000W and 2400W types are provided with a set of two modesty panels. (Modesty Panel x 2pcs and Bracket x 4pcs)</p>  <p>Modesty panel bracket</p> <p>Modesty Panel Body</p> <p>Washer assembled cross recessed truss head screw M5xL8 x4 (1200W~1800W) x8 (2000W~2400W)</p>	<p>End Panel (For straight leg)</p>  <p>End panel bracket set</p> <p>End Panel Body</p> <p>Hexagon socket head cap screw M6xL30 (Flat-to-flat distance 5mm) x4</p> <p>Truss head screw M6xL10 x8</p>
<p>Spot Panel</p>  <p>Panel clamp</p> <p>Spot Panel Body</p> <p>Cross recessed truss head tapping screw \varnothing4xL12 x8</p>	<p>Desk Top Panel</p>  <p>Panel clamp</p> <p>Desk Top Panel Body</p> <p>Cross recessed truss head tapping screw \varnothing4xL12 x8</p>	

Assembly method Side Cover

Follow the instructions to ensure proper assembly. ✓

Attaching the side cover



Hexagon socket head cap screw M6xL25 x4

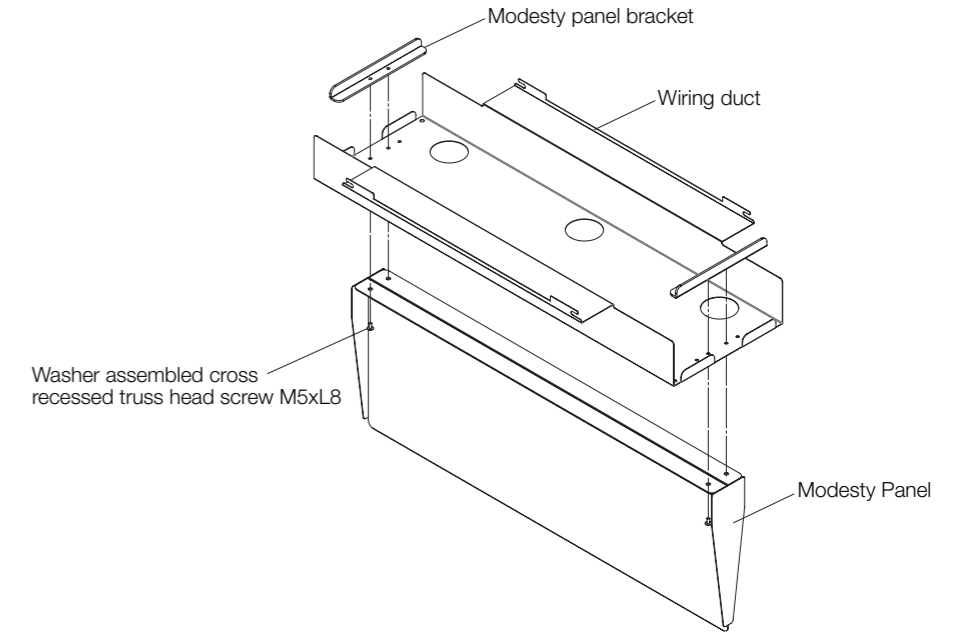
Option

Assembly method Modesty Panel

Follow the instructions to ensure proper assembly. ✓

Attaching the modesty panel

① As shown in the illustration below, fix the modesty panel to the brackets supplied with the modesty panel using the washer assembled cross recessed truss head screws (M5xL8).

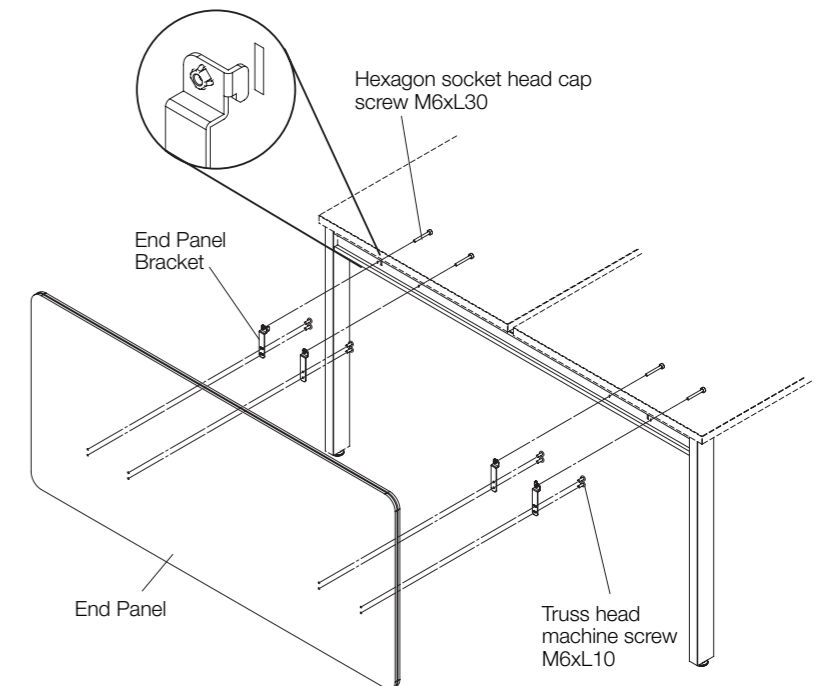


Assembly method End Panel

Follow the instructions to ensure proper assembly. ✓

Attaching the end panel

① Fix the end panel mounting brackets to the end panel body using the truss head machine screws (M6xL10).
* Use the mounting bracket with a hook at the outermost position.
② Insert the hook of the end panel mounting bracket into the slit in the end leg, and fix the bracket using the hexagon socket head cap screw (M6xL30) from the inside of the end leg.



Truss head machine screw (M6xL10) x8

Hexagon socket head cap screw M6xL30 x4