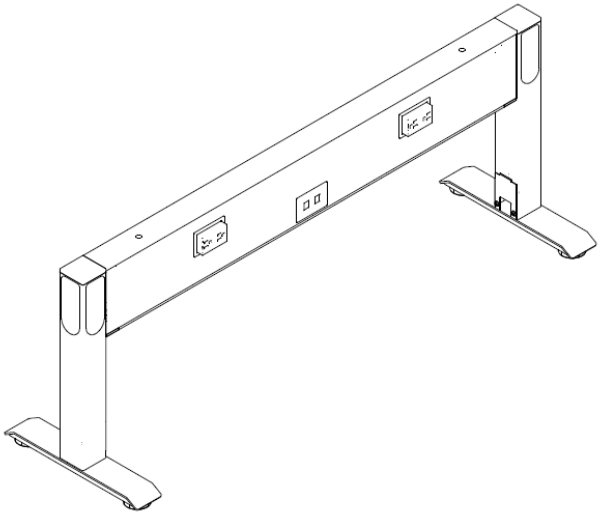
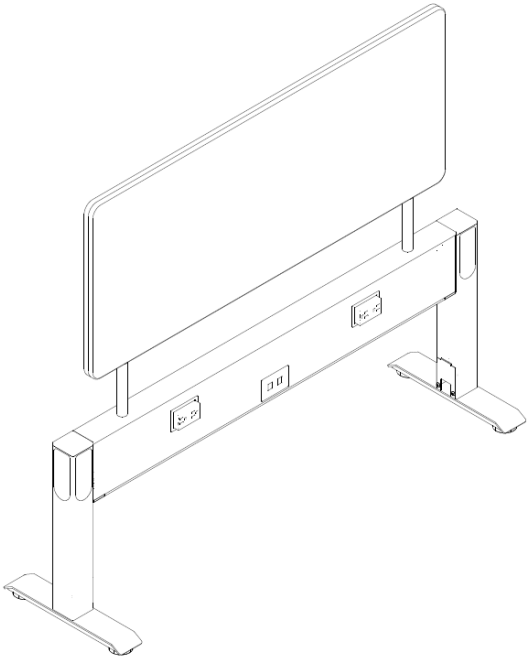
Power Beam Assembly Instructions

Workrite ergonomics®





CAUTIONS AND WARNINGS

WARNING: FAILURE TO FOLLOW CAUTIONS AND WARNINGS BELOW COULD RESULT IN ELECTRICAL SHOCK, FIRE, PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.

CAUTIONS:

Read Instructions: Read all warnings and installation instructions before installing and use
Retain Instructions: Retain this instruction sheet for future use
Wet Environment: This system is designed for use indoors in a dry environment
Never use this system in a wet environment
Never allow liquids of any type to spill into the electrical system

Follow Warnings: Read and follow all warnings and directions in this instruction sheet and marked on the components of the system

Service: There are no serviceable parts contained in this system
Do not open and or modify any parts used in this electrical system

WARNINGS:

Risk of fire or electrical shock: Do not electrically connect to more than one source of power supply
Always verify the electrical system is only connected to one and only one source of power supply

Power Entry Cable: Route the Power Entry Cable where it will not be stepped on, pinched, have devices placed on it, or become a tripping hazard
Never allow Power Entry Cable to sit in any liquid or get wet in any manner

Location: This system is intended for use indoors in a dry environment only

SYSTEM DESCRIPTION AND REQUIREMENTS: RITEBEAM POWER BEAM POWER SYSTEM

Limits & Restrictions:
Eight wire system designed to operate using 4 dedicated 120 V, 60 Hz, 20 A circuits
Power Duplexes offered in Circuit a, b, c, & d and options
Total Duplexes per dedicated circuit not to exceed 8 total duplexes (Maximum Eight each Circuit a, b, c, & d)

Assembly
All assembly must be completed as outlined in the assembly instructions. All system parts must be used as supplied with no alterations or modifications

Connection/Power Entry
Power Connection for power entry options offered with this daisy chain power system must be connected by a commercial Electrician

Beam Configurations and Circuit guidelines

Single Circuit

US Single Circuit – One dedicated circuit only - Use all same receptacle “a” (Not Title 24 compliant)

- Max 8 duplexes 20A 120V US NEC – 8 total duplexes / Maximum 4 seats
- Must use 2 “a” duplexes per seat
- 4 beams Max - single side power configuration
- 2 beam Max - back to back power configuration

CANADIAN Single Circuit – One dedicated circuit only - Use all same receptacle “a” (Not Title 24 compliant)

- Max 6 Duplexes 15A 120V CSA - 6 total duplexes / Maximum 3 seats
- Must use 2 “a” duplexes per seat
- 3 beams Max -single side power configuration
- 1 beam Max – back to back power configuration

Dual Circuit NON-TITLE24

US Dual Circuit – Use 2 dedicated circuits only – Use 2 receptacle “a” & “b”

- Max 8 duplexes per circuit 20A 120V US NEC – 16 total duplexes / Maximum 8 seats
- Must use 1 “a” and 1 “b” duplex per seat
- 8 beams Max - single side power configuration
- 4 beam Max - back to back power configuration

CANADIAN Dual Circuit – Use 2 dedicated circuits only – Use 2 receptacle “a” & “b”

- Max 6 Duplexes per circuit 15A 120V CSA - 12 total duplexes / Maximum 6 seats
- Must use 1 “a” and 1 “b” duplex per seat
- 6 beams Max -single side power configuration
- 3 beam Max – back to back power configuration

Dual Circuit TITLE24

US Dual Circuit – Use 2 dedicated circuits only – Use 2 receptacles “a” & “T24 c”

- Max 8 duplexes per circuit 20A 120V US NEC – 16 total duplexes/ Max 8 Seats
- Must use 1 “a” and 1 “T24 c” duplex per seat
- 8 beams Max - single side power configuration
- 4 beam Max - back to back power configuration

CANADIAN Dual Circuit – Use 2 dedicated circuits only – Use 2 receptacle “a” & “T24 c”

- Max 6 Duplexes per circuit 15A 120V CSA – 12 total duplexes / Maximum 6 seats
- Must use 1 T24 receptacle per seat
- 6 beams Max -single side power configuration
- 3 beam Max – back to back power configuration

Quad Circuit NON-TITLE24

US Quad Circuit – Use 4 dedicated circuits only – Use all 4 receptacle options “a”, “b”, “c” & “d”

- Max 8 duplexes per circuit 20A 120V US NEC – 32 total duplexes/ Maximum 16 seats
- Must use 1 “a” and 1 “c” duplex for 8 seats and 1 “b” and 1 “d” for the remaining 8 seats
- 16 beams Max - single side power configuration
- 8 beam Max - back to back power configuration

CANADIAN Quad Circuit – Use 2 dedicated circuits only – Use all 4 receptacle options “a”, “b”, “c” & “d”

- Max 6 Duplexes per circuit 15A 120V CSA– 24 total duplexes / Maximum 12 seats
- Must use 1 “a” and 1 “c” duplex for 6 seats and 1 “b” and 1 “d” for the remaining 6 seats
- 12 beams Max - single side power configuration
- 6 beam Max - back to back power configuration

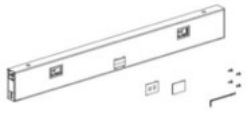
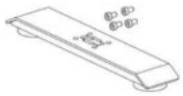
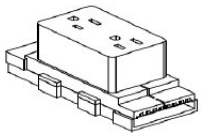
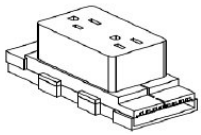
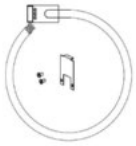
Quad Circuit TITLE24

- US Quad Circuit – Use 4 dedicated circuits only – Use all 4 receptacle options “a”, “b”, “T24 c” & “T24 d”
- Max 8 duplexes per circuit 20A 120V US NEC – 32 total duplexes/ Maximum 16 seats
- Must use 1 “a” and 1 “T24 c” duplex for 8 seats and 1 “b” and 1 “T24 d” for the remaining 8 seats
- 16 beams Max - single side power configuration
- 8 beam Max - back to back power configuration

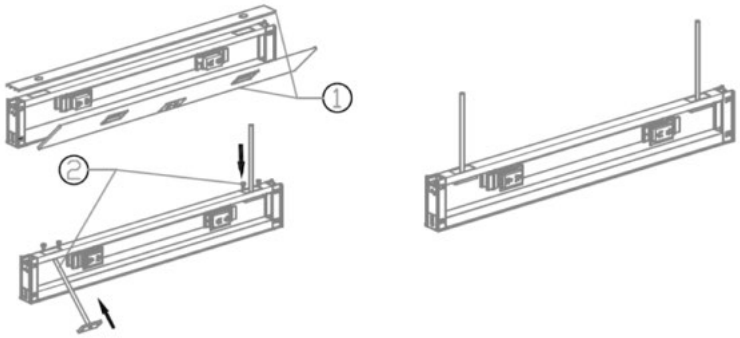
CANADIAN Quad Circuit – Use 2 dedicated circuits only – Use all 4 receptacle options “a”, “b”, “c” & “d”

- Max 6 Duplexes per circuit 15A 120V – 24 total duplexes / Maximum 12 seats
- Must use 1 “a” and 1 “T24 c” duplex for 6 seats and 1 “b” and 1 “T24 d” for the remaining 6 seats
- 12beams Max - single side power configuration
- 6 beam Max - back to back power configuration

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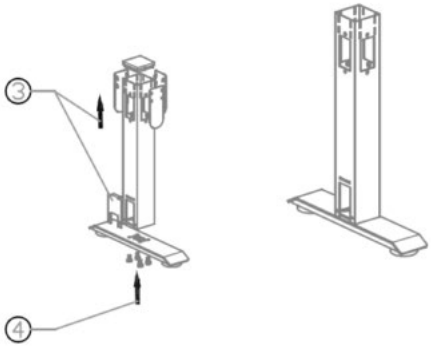
	**PB-48BEAM-XX** **PB-60BEAM-XX** INCLUDES ALLEN KEY & OUTLET COVERS
	**PB-LEG-4W-X** KIT INCLUDES: SIDE COVER (X3) TOP CAP BLIND INLET COVER AND BOLTS
	**PB-FOOTKIT-X** KIT INCLUDES: FOUR (4) BOLTS FOR ASSEMBLY
	**PB-DIVMNT20-KIT-X** **PB-DIVMNT26-KIT-X** KIT INCLUDES: SPACERS (X2) BOLT (X4)
	**PB-T24-DUPLEX-C-X** **PB-T24-DUPLEX-D-X** Controlled Receptacle
	**PB-STD-DUPLEX-A-X** **PB-STD-DUPLEX-B-X** **PB-STD-DUPLEX-C-X** **PB-STD-DUPLEX-D-X** Standard Receptacle
	**PB-JUMPER-21** Festoon Cable
	**PB-PWRIN-72-X** POWER IN CABLE, 8 WIRE

Optional Privacy Panel Rail Installation



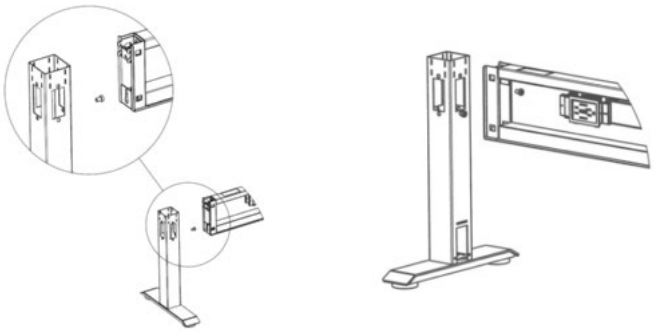
Remove top cap and front and rear panels from beam and set aside before beam assembly.
If you have chosen to use the Power Beam Divider Panels install the divider mount posts as shown and secure with M8 x 1.25P x 12mm long Allen Cap Scews.
Repeat for additional beams.

Foot and leg assembly



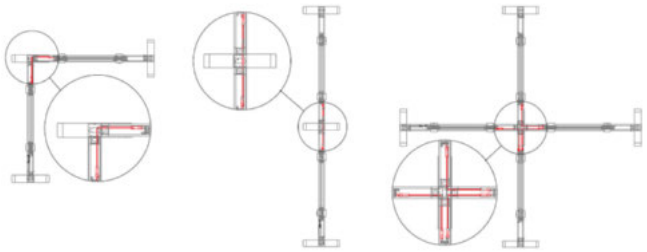
Assemble the foot to the leg and secure with 4 each M8 x 1.25P x 12mm long Allen Cap Screws
Repeat for additional legs.

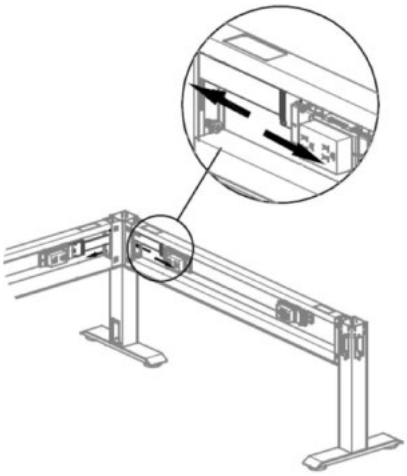
Leg and beam assembly



If required remove the upper beam connection point cover from the leg and foot assembly where the beam will be connected.
Install 1 each M8 x 1.25P x 12mm long Allen Cap Screw into the lower bolt hole in the leg and foot assembly.
Leave bolt loose by ¼" to allow beam keyhole to slide onto leg.
Place the beam into place in the slots and onto the pre-installed screw of the leg.
Install 1 each M8 x 1.25P x 12mm long Allen Cap Screw into the upper bolt hole in the leg and tighten securely.
Tighten the lower Allen Cap Screw securely.
Repeat for additional leg assemblies.

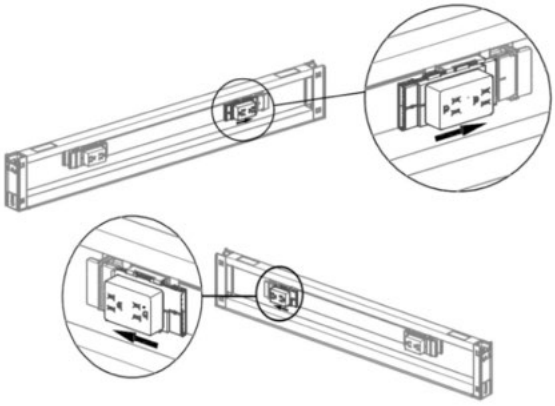
Multi-beam configurations





Other than the first beam all beams are electrically connected together with the festoon cable. Install the festoon cable from the first beam to the next beam by sliding the festoon cable into place between each beam. Connect the festoon aligning the end to the power rail in the bean and snap into place. Connect the other end for the festoon by repeating this step.
Repeat to connect each additional beam.
Note – Connect ONLY ONE festoon cable from beam to beam.

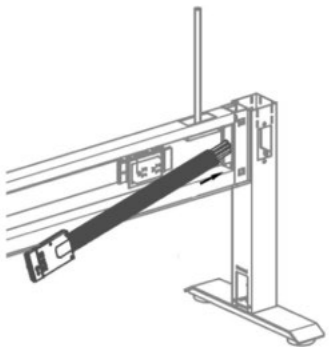
Receptacle installation



Insert the receptacle into the slot.

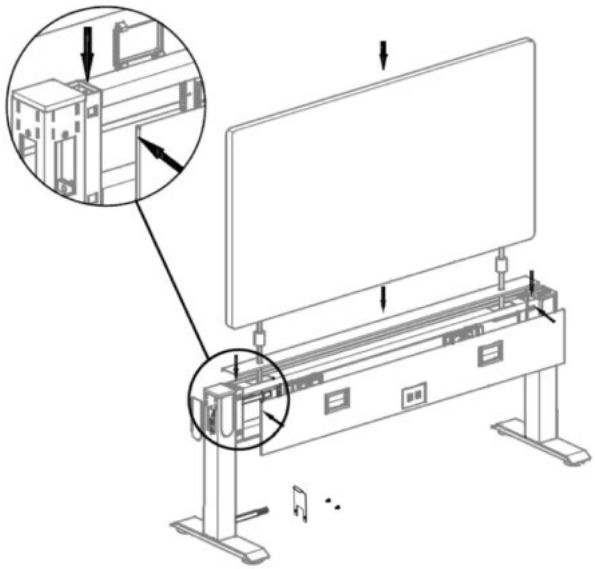
Slide receptacle in direction of arrow to lock in place.

Power entry cable installation



Remove the solid cover cap at the bottom of the leg.
Insert the power entry cable into the upper hole of the leg routing the cable down the leg and out the access hole in the bottom of the leg.
Install the cable exit cover to the leg with 2 each M8 x 1.25P x 12mm long Allen Cap Screws.
Note – Connect ONLY ONE Power entry cable into the beam assembly.
Note – Connection to live power must be done by a commercial electrician.

Final Assembly steps



If you are installing network cabling now is the time to install all the network cables and receptacles.
Install front and back covers placing the bottom edge of the cover into the bottom slot of the beam and tip into place.
Holding the front and back covers in place set the top cover over the divider posts and onto the beam over the front and back cover.

Optional Privacy Panel

Slide the spacers onto privacy panel rails prior to installing the privacy panel.