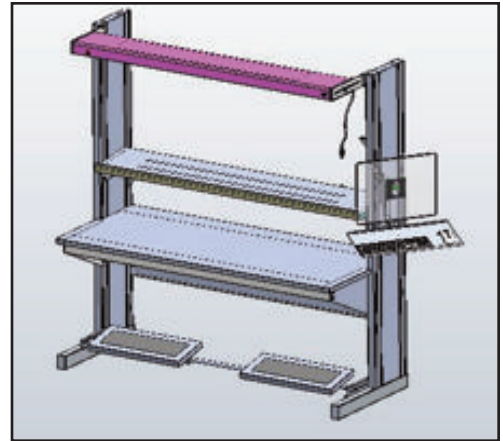
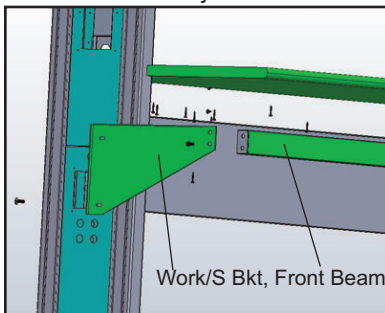


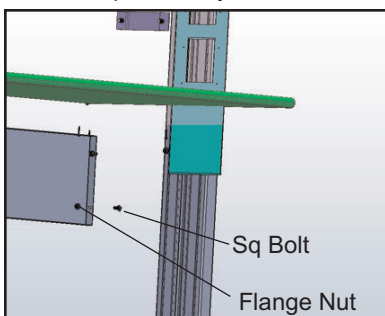
Note: it is best to assemble the work surface at the end of the assembly process, this way, you do not have to fight with the work surface while assembling accessories below and above the surface



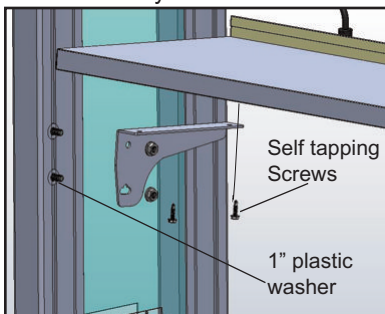
#4 - 8 Frame Assy



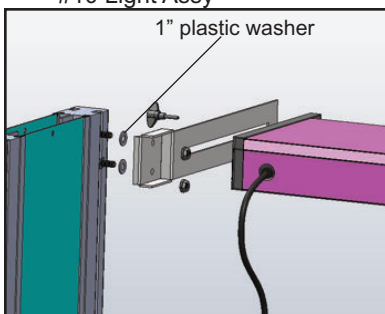
#5 Rear panel Assy



#9 Shelf Assy



#10 Light Assy

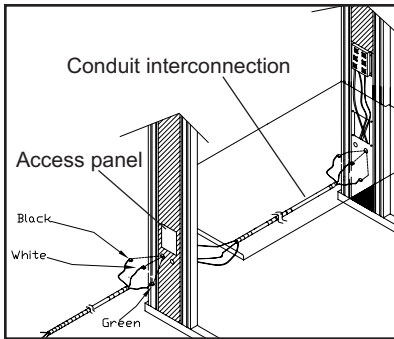


Single sided starter adder frame structure assembly:

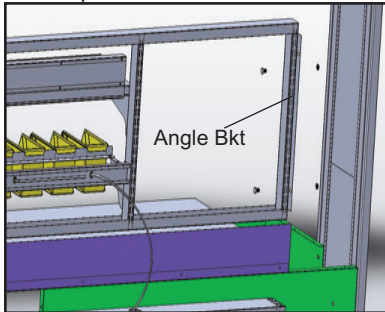
Tool needed: Tape measure, Power Driver, 3/8 and 1/2 sockets, for the driver, 1/2" box wrench and a level is optional

- 1) **Attach hardware** to the Work/s Bkt and rear panels prior to installing to the upright. Hardware configuration, 5/16-18 Sq. bolt and a 5/16-18 thread flange nut. (Hardware orientation) Sq head bolt goes into the grooves of the upright
- 2) **Establish work surface height**, e.g. if required work surface height is 32" Overall
- 3) Measure from the top of the base to 27", (5" less than overall hgt.) make a pencil mark on both of the inside uprights at 27" (if Added bench is applicable)
- 4) **Rear panel Assy:** slide the panel into the rear groove or the slots of the upright, now for the other side, stand the frame upright, hold upright at an angle or lift the upright and slide rear panel in the slots, tighten, *for two people assembly*, one can hold the upright the other can work with the rear panel, align to the pencil mark, or use a level, from the Work/s bracket to the rear panel.
- 5) **Frame Assy:** *For one person assembly*, lay the upright on the ground and slide the Work/s bracket down the front groove, align up with the pencil mark, now tighten,
- 6) **For adder benches:** (if applicable) make a pencil mark on the other side of the upright, slide the Work/s bracket on the other side of upright, align to the pencil mark
- 7) Now the frame should be able to stand up, for rear panel assembly, repeat step 5
- 8) **Assemble the front beam:** using 3/4" or 5/8" bolt, bolt both sides to top support brackets
- 9) **Shelf attachment:** assemble the brackets to the upright rear groove or slot, same hardware as above, but add a 1" black plastic washer in between the bracket and the upright, set the shelf on the brackets, attached using 3/4" self tapping screws
- 10) **For lights:** attach the light bracket to the top of the upright, use same hardware as above but add 1" black washer in between the upright and the bracket. Attach the overhead light to the brackets using thumb screws
- 11) **Electrical installation:** Starter stand alone benches come with a power cord connection. *Starter adder uprights* come with a conduit interconnection cable. Once all the workbench frames are constructed, unscrew and open all the access doors located at the bottom of the upright trim panels.
- 12) Attach the wire harness to both uprights, use either hole just under the access door.
- 13) Once all the wire harnesses are attached, start connecting the wires together using the push in connectors, black/black, white/white and green/green, all uprights are pre grounded
- 14) A power cord is connected to the last upright, or & If hard wire, use a licensed electrician
- 15) All outlets have been tested prior to shipment, retest outlets for conductivity prior to re-attaching all the access doors to the trim panel.
- 16) **Split Shelf Frame:** (if applicable) attach angle brackets to split shelf, 3/4 bolts, attached shelf assembly to uprights, same hardware, use a 1" plastic washer in between the upright and the frame, put the shelf brackets on the frame, tap down on the top of the Bracket to secure, put shelf on top of Brackets, level and secure using 3/4" self tapping screws

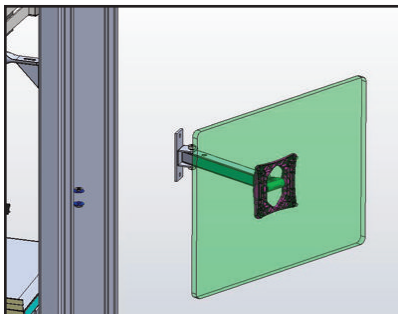
#11 - 15 Electrical Assy



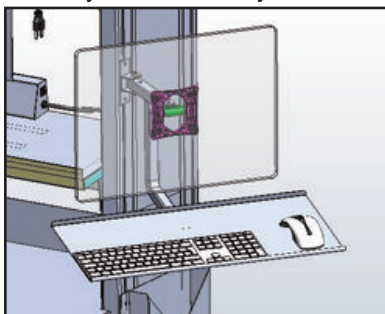
#16 Split shelf frame



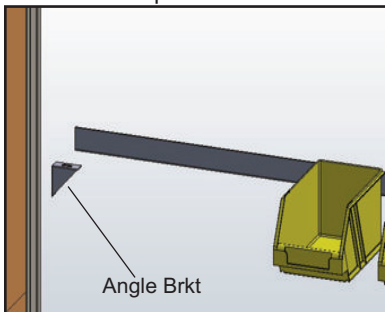
#17 Swing arm Assembly



#18 keyboard Assembly



#19 Parts cup rail



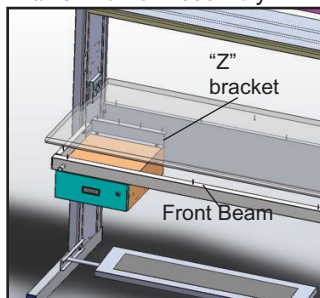
- 17) **Swing arm Assy:** Attach swing arm to front groove of upright using same hardware, include the 1" plastic washer in between bracket and upright,
- 18) **Swing arm Keyboard Assy:** Bolt keyboard to swing arm using 1.5" bolt or comes pre welded
- 19) **Parts cup rail:** attach angle bracket to upright, using same hardware, use a 1" plastic washer in between the upright and bracket, attached the rail to the brackets using 3/4" bolt and flange nut, no washer.
- 20) **Work surface pre-assy:** measure from upright to upright just above the rear panel, (60" bench) should measure 58.125" respectively, now measure the front inside leg base, left to right, adjust if needed by kicking one side open.
- 21) **Work surface Assy:** put surface on frame, use a piece of cardboard to align the w/surface spacing at the upright, there should be approx 1/8" gap between the upright and the Work surface, both sides.
- 22) **Work surface attachment:** to the front beam, rear panel and top support brackets using 1" wood screws, *for adder benches*, place the other top on the adder frame, make sure the seam in between tops are flush, use the 1 x 2 tie plate to ensure both tops are flush with each other, secure using 3/4" wood screws
- 23) **Drawer Assy:** Attach "Z" bracket to drawer using 3/4" bolts, attached drawer to beam using 3/4" bolts, secure drawer to under side of surface using 1" wood screws
- 24) **Slide out keyboard Assy:** Slide the keyboard tray into the slide brackets, place the keyboard just under the beam right or left, secure to the work surface using 1" wood screws
- 25) **Footrest tube & Ergo tilting Pan:** (Ergo Pan if applicable): attach the footrest bracket to the front groove or slot of the upright, same hardware as above but add a 1" black plastic washer in between the brackets and upright, (Ergo Pan) turn pan upside down, install plate with insert nuts to the inside of the pan, now install the tube clamps using 1.5" bolt, place tube on clamps, tighten, do not over tighten, if too much pan will not tilt on the upright. now attach the tube to bracket, 3/4" bolt at the end of each tube

Double sided Assembly

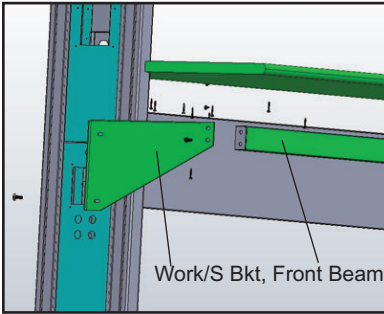
When assembling a double sided bench you have two sets of everything: tops, rear panels, top supports brackets, accessory brackets, lights, etc.

- 1a) **Double sided upright,** With double sided uprights, all bases are shipped un-assembled due to length on base 56" for 30" deep or 68" for 36" deep, uprights are marked with the matching bases
- 2a) Take off or slide the trim panel up and/or off, (careful not to bend the panels)
- 3a) Slide the matching base onto the matching upright and align the holes of the base with the holes of the upright, bolt together using 5/16-18 x 3/4" bolt (not Sq head bolt) and flange nut make sure they are tight, **this is important**
- 4a) **For frame assembly:** repeat 2 - 6 above, top support brackets have a return flange welded to the rear of the bracket
- 5a) **Upright Assy:** You will slide each top support bracket into the front grooves of the upright, and align with the mark on the upright at the desired hgt, again, (5" less than overall work surface hgt)
- 6) **Rear panels Assy:** Either lay the upright on the ground or have someone hold the upright, bolt each rear panel to the upright top support bracket flange using 1/4-20 x 3/4" bolt and flange nut, (not Sq head bolt) snug do not tighten yet
- 7a) It is important that you now push the rear panel as tight to one side of the upright as possible, now tighten, this will insure a tight joint at the work surface if adders benches are connected
- 8a) **Work surface assembly:** Repeat 12 - 13, use tie plates at rear to join both tops together, secure using 3/4 wood screws
- 9a) For all other accessories, repeat the appropriate section above

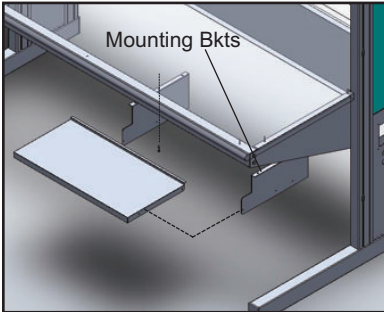
#23 Drawer Assembly



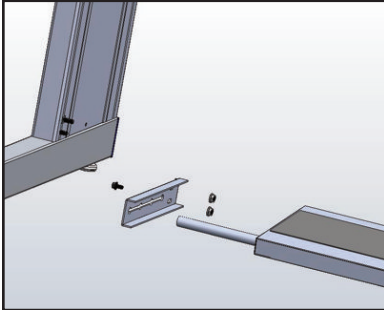
#20-22 Work surface Assy



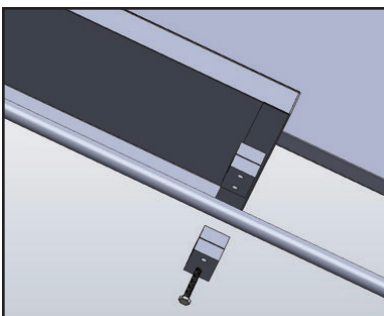
#23 Slide out Keyboard Assy



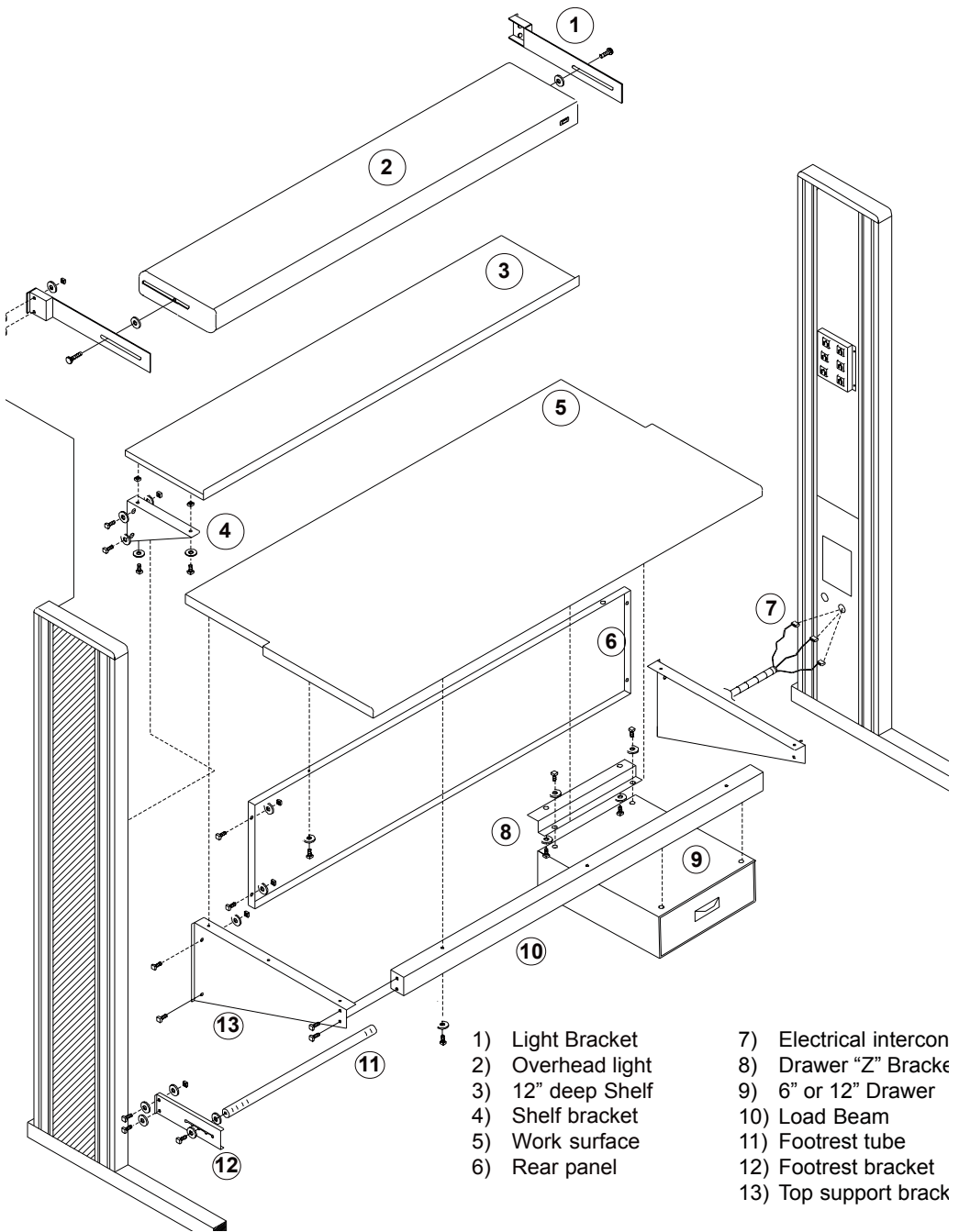
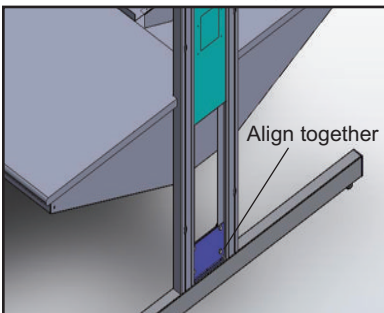
#25 Footrest tube Assy



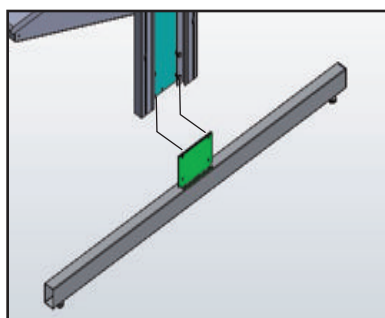
#25a Footrest Ergo Pan Assy



#1a-3a Double sided upright



- 1) Light Bracket
- 2) Overhead light
- 3) 12" deep Shelf
- 4) Shelf bracket
- 5) Work surface
- 6) Rear panel
- 7) Electrical intercon
- 8) Drawer "Z" Bracke
- 9) 6" or 12" Drawer
- 10) Load Beam
- 11) Footrest tube
- 12) Footrest bracket
- 13) Top support brack



Electrical Installation

IMPORTANT SAFETY PRECAUTIONS

WSI provides electrical service to the workbench for commercial use only.

When using the C2 workbench with electrical options, basic precautions should always be followed,

Read all instructions prior to proceeding and you should always save these instruction:

DANGER- To reduce the risk of electric shock:

- 1) When connecting the power, cleaning the work surface or servicing any part of the electrical system, make sure that the workstation is unplugged from the outlet or the power is turned off at the breaker.
- 2) When a two circuit electrical system is used with two power cords, always unplug all the power cords when servicing, cleaning or putting on or taking off parts.

Warning: To reduce the risk of burns, fire, electric shock, or injury to Persons:

- 2) Close supervision is necessary when this workstation 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 Mfr
- 4) Keep the power cord away from any heated surfaces.
- 5) Unplug from outlet before putting on or taking off parts.
- 6) Keep liquids at a safe distance from the electrical outlets
- 7) Never use the electrical system if it has a damaged cord or plug, or if it is not working properly
- 8) Never drop or insert any object into any electrical opening.
- 9) Never take or use outside.
- 10) Always connect the workstation to a properly grounded outlet only.
- 11) do not use this furnishing to support video equipment such as televisions or computer
- 12) To disconnect, turn all controls to the off position, then remove the plug the from the outlet.
- 13) Do not operate where aerosol (spray) product are being used, or where oxygen is being administered.

Warning: Risk of electrical shock- Connect this workstation to a properly grounded outlet only.

See grounding instructions in grounding section.

DANGER— Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

GROUNDING INSTRUCTIONS

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a power cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

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

For permanently connected products

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. Make sure that you follow all the important safety precautions as noted above on the previous page.

GROUNDING INSTRUCTIONS :

This product must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the product. Square is also able to be marked on the product.

To proceed, please following the itemized list of instructions below.

1) Electrical Installation power cord application and hard wire application:

Cord application: Power cord comes pre-installed on the upright. One electrical outlet box mounted in one upright. Once the workbench is assembled simply plug the power cord into a grounded receptacle.

“Caution” When working with multiple circuits, wiring diagram is as follows; circuit # 1= Black, circuit # 2 = Red, Common ground = Green and Common Neutral = White

Circuit # 1 electrical box and power cord will be all back, circuit # 2 both the electrical box and the power cord will have a red label noting that this is circuit # 2

“Caution”, when servicing, cleaning always unplug both power cords or turn off both circuits at the breaker.

Permanent or hard wire application, “Pigtail”; Installation will be the same with the exception of the power cord, there will not be a power cord supplied. The lower trim panel will have two knock outs for permanent wire connection. It is best to have a licensed electrician to make the final connection hard wiring application.