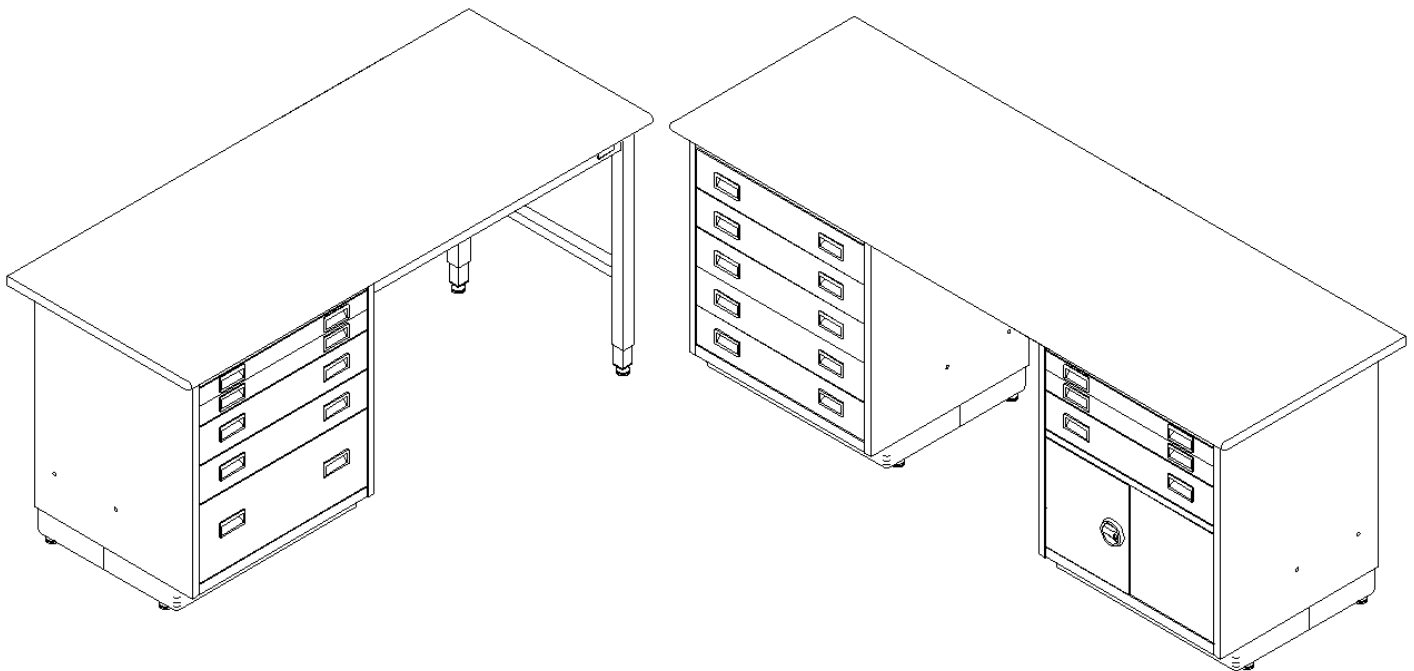


Workmaster Storage Cabinet Series



REV. (042318P65)

IAC INDUSTRIES

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WSC SERIES

Assembly Instructions

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ATTENTION NOTES:

IAC Industries takes great care in the packing of it's products, however damage can occur during shipment. Check all packages and parts for any signs of damage. If damage is evident STOP and contact the carrier that delivered your order. Request a freight claim inspector to document the damage and begin the freight claim process.

Tools required to assemble your products are:

7/16" and 1/2" wrench or socket with ratchet.

Phillips screw driver 8" long.

Utility knife.

Safety glasses and light duty protective gloves.

Power tools are NOT recommended unless they are equipped with a torque limiting device which can limit the torque to 10 foot lbs maximum.

Unpack your order and separate like parts. Be careful not to damage parts as they are being moved into position. Also be sure all parts are removed from the packing materials before these materials are thrown away.

Locate the hardware kits and keep them in a central area. If the assembly is going to take more than one day, all individual hardware pieces should be returned to a central location.

Check all parts and hardware kits against the itemized packing list found with the assembly instructions. If you believe there are parts missing from your order please contact IAC Industries customer service at 800-989-1422.



WARNING:

ALL PARTICLE BOARD USED IN IAC INDUSTRIES PRODUCTS ARE SOURCED ONLY FROM VENDORS THAT ARE CARB ATCM PHASE 2 AND TSCA TITLE VI COMPLIANT WITH VALID

CERTIFICATES. Drilling, Sawing, Sanding or Machining Wood products can expose you to wood dust, a substance known to the state of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask to other safeguards for personal protection. This product can expose you to chemicals, including formaldehyde, which is known to the state of California to cause cancer, and methanol, which is known to the state of California to cause birth defects or other reproductive harm. For more information please visit, www.P65WARNINGS.CA.GOV/WOOD. COPY OF VENDOR CERTIFICATE AVAILABLE UPON REQUEST.

WSC Worksurface Cabinet/Storage Mounting:

Item	Description	Qty
1	WSC Cabinet	1
2	WSC Cabinet Base	1
3	WSC Cabinet Shelf (optional)	1

HARDWARE KIT #HWR144

A	Screw, #14AB X .625 PPH SMS Black	10
B	Screw, #14AB X 1.00 PPH SMS Black	4
C	1/4 Flat Washer	14
D	Floor Glide 5/16-18	4
E	Cap Plug .500 Dia Black	4

Step 1:

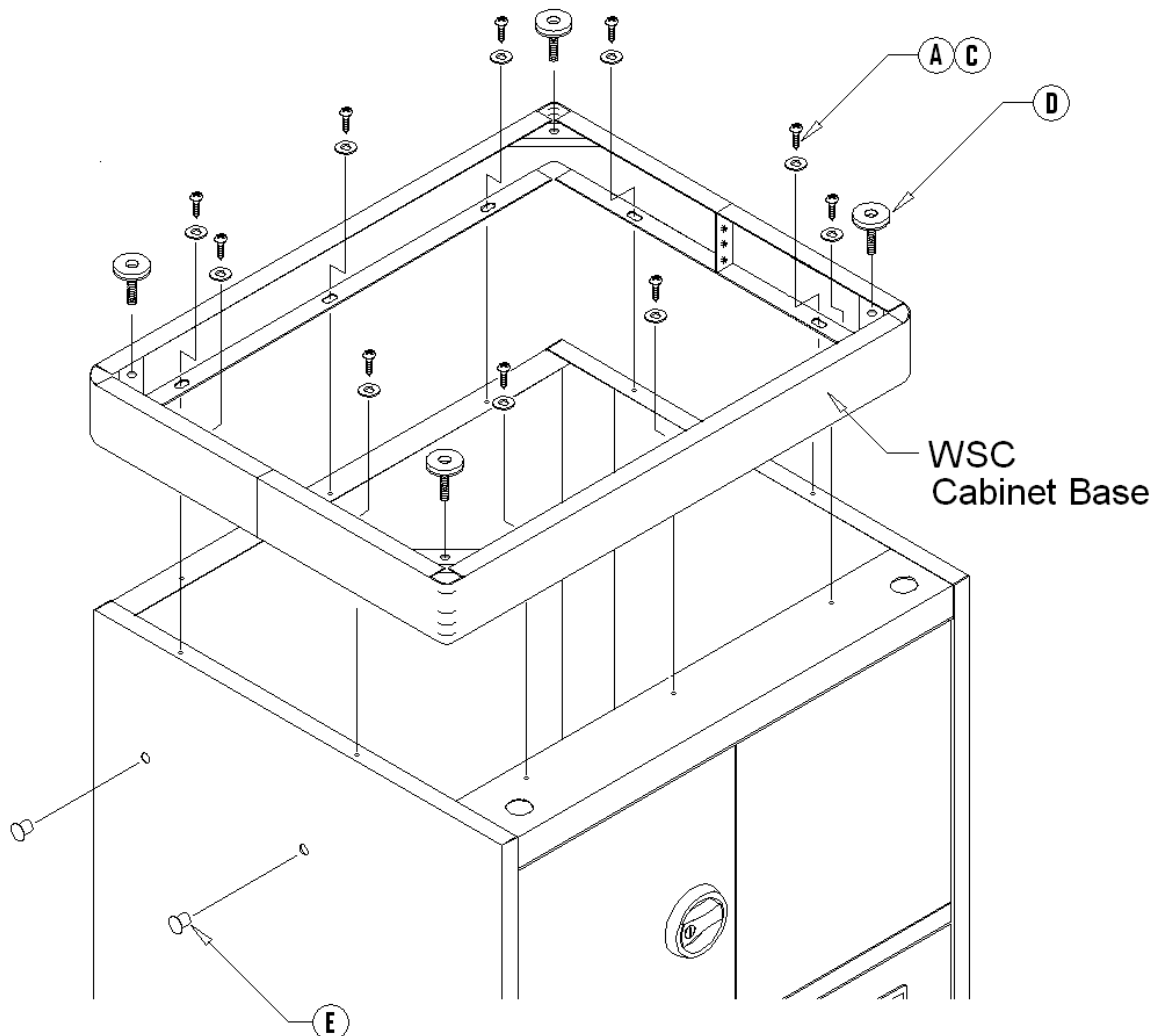
Attach the cabinet base item 2 of each WSC cabinet item 1 by first turning the WSC cabinet upside down and aligning the holes on the WSC cabinet with the holes on the base as shown.

Step 2:

Secure the base using 10 sets of #14AB X .625 screws item A and 1/4 flat washers item C. **Do not over tighten hardware.**

Note:

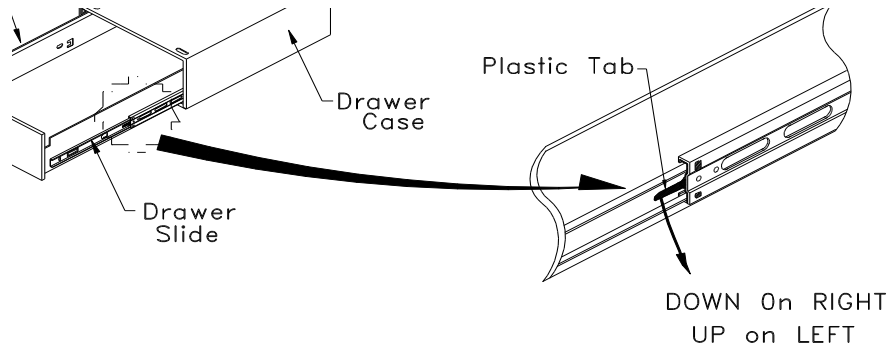
If a lower metal shelf was purchase see pages 9-11 before placing cap plugs item E on side holes. If not, install the cap plugs item E on side holes as needed.



When installing more than one WSC cabinet it is recommended that the WSC cabinets not be installed in the upside down position with the worksurface face down due to the weight of more than one WSC cabinet. Note: If a WSC Leg Assembly was purchase see pages 7 and 8 before installing WSC cabinets.

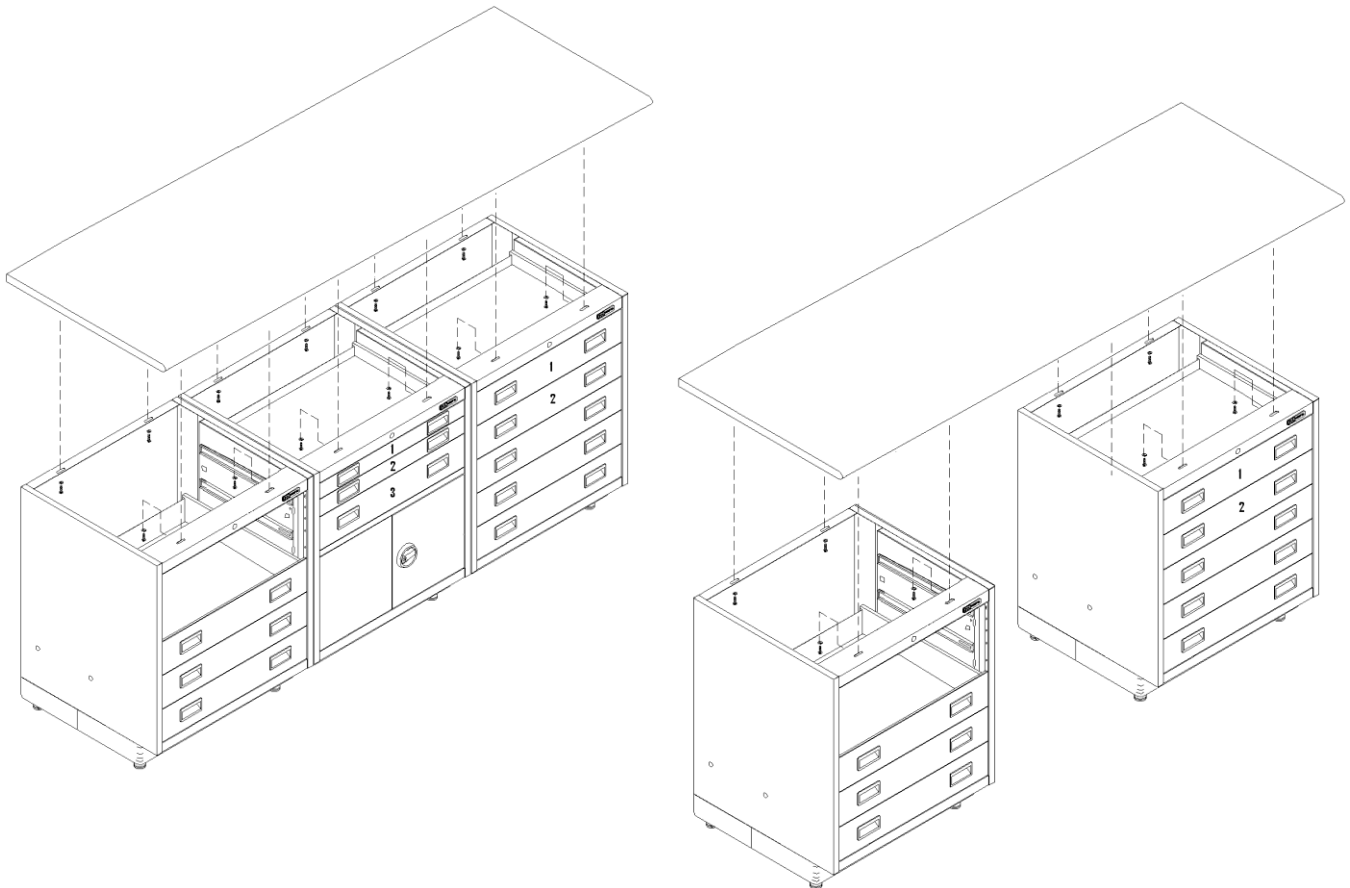
Step 3:

Install the WSC cabinets by placing them side by side in the position / orientation in which you choose. Remove two or three of the cabinet drawers as shown below to allow access to the holes on the top of the WSC cabinets. Remove drawers by pulling it out of the WSC cabinet enough to locate the two small plastic tabs on the drawer slides. Push the right tab DOWN and the pull left tab UP and pull the drawer body out of the drawer slides.



Step 4:

Place the worksurface on top of the WSC cabinets, aligning it to the pre-drill holes in the underside of the worksurface and using set of #14AB X 1.00 screws items B and 1/4 Flat Washers item C install the worksurface to the WSC cabinets. **Do not over tighten hardware.**



WSC Worksurface Support Beam Assembly:

1055111 (1-cab) 1055112 (2-cab)

Item	Description	Qty
1	Support Beam Front	1
2	Support Beam Rear	1

HARDWARE KIT #HWR148 (1 Cabinet 96")

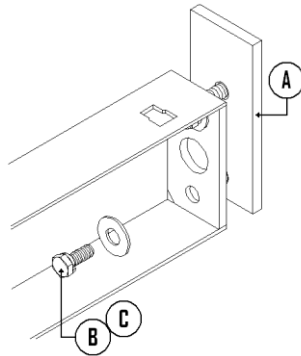
A	Beam Connector Plate	2
B	Hex Head Bolt 5/16-18	4
C	1/4 Flat Washer	8
D	Screw, #14 X 1.00 PPH SMS Black	4

HARDWARE KIT #HWR159 (2 Cabinet 96")

C	1/4 Flat Washer	8
D	Screw, #14 X 1.00 PPH SMS Black	8

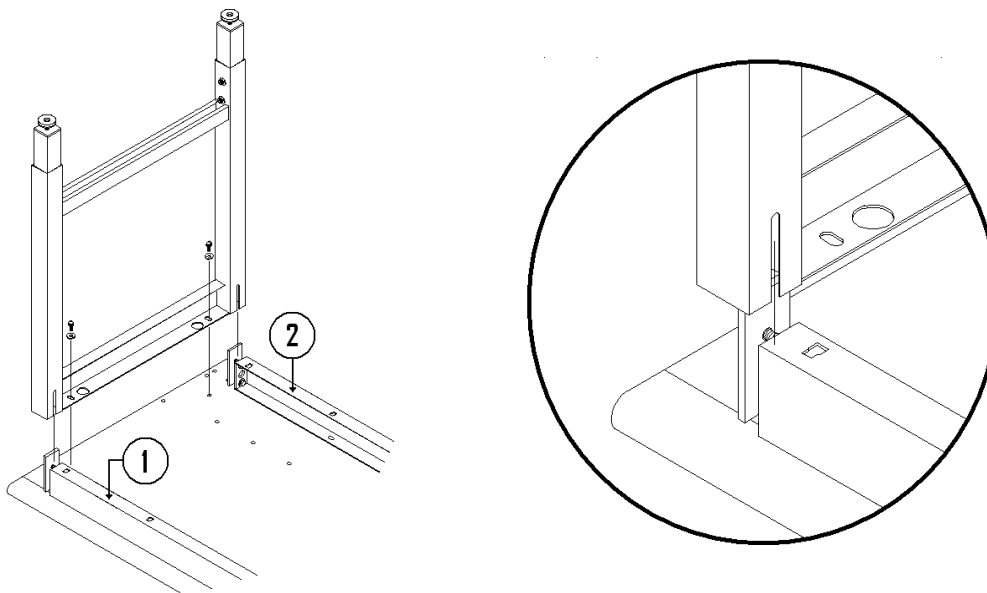
Step 1: (HWR148 only)

Attach beam connector plates item A to one end of the each of the two support beams using the 5/16-18 x .75 hex head bolts item B and 1/4 flat washers item C from the above supplied hardware as shown. **DO NOT TIGHTEN THE HARDWARE.** With the worksurface face down on a protective surface, place the two support beams on the worksurface with the open sides facing in.



Step 2: (HWR148 only)

Align the workbench pedestal over the ends of the support beams and lower them down over the beam connector plates so that the plates are on the inside of the pedestal tubing. Align the slots in the pedestal over the pilot holes on the worksurface and install it using #14AB X 1.00 screws items B and 1/4 flat washers items C from Hardware Kit HWR 144 leaving them loose. Tighten the beam connector hardware to the pedestal only at this time.

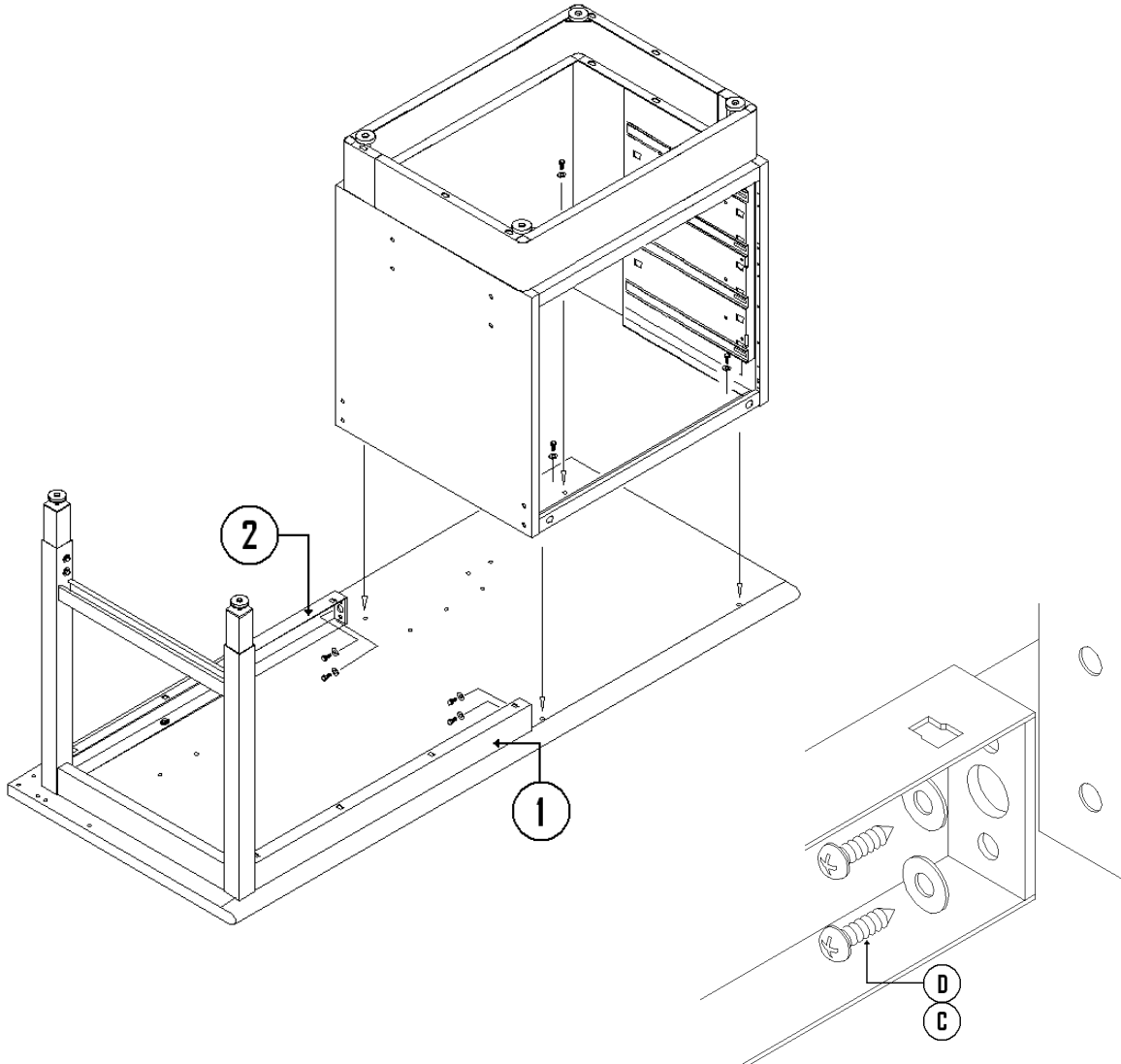


Step 1: (Both HWR Kits)

Align the WSC cabinet(s) with the pilot holes on the worksurface and install it using #14AB X 1.00 screws items B and 1/4 flat washers items C from Hardware Kit HWR 144 leaving them loose.

Step 2: (Both HWR Kits)

Align and install the support beams to the WSC Cabinet(s) using #14AB X 1.00 screws items D and 1/4 flat washers items C from the above Hardware Kits.



Step 4: (Both HWR Kits)

The frame should now be aligned on the worksurface to even the overhangs on the right and left sides. Tighten all loose hardware at this time. Note: Do not over tighten the hardware that goes into the worksurface as this could cause the wood around the screw to broke and become weak. Note: If a lower metal shelf was purchase see pages 9-11 before going to step 5.

Step 5:

With the help of at least two other persons carefully roll the workbench right side up. Install the drawers into the WSC cabinet(s) in their original locations.

Step 6:

Use the floor glides to level the bench when assembly is complete and it is put into position if needed.

WSC Leg Assembly: 1055101

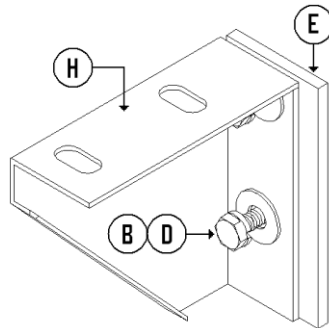
Item	Description	Qty
1	Adj. Pedestal Weldment	1
2	Leg Extender	2

HARDWARE KIT #HWR145

A	1/4-20x.75 Hex Head Bolt	4
B	5/16-18x.75 Hex Head Bolt	4
C	Screw, #14 X 1.00 PPH SMS Black	4
D	1/4 Flat Washer	12
E	Beam Connector Plate	2
F	Floor Glide 5/16-18	2
G	Adj. Pedestal Gusset Rt	1
H	Adj. Pedestal Gusset Lt	1

Step 1:

Install the 5/16-18x.75 hex head bolt item B, 1/4 flat washers item D, and beam connector plate item E to the left adj. pedestal gusset item H as shown below. Do not tighten hardware yet.

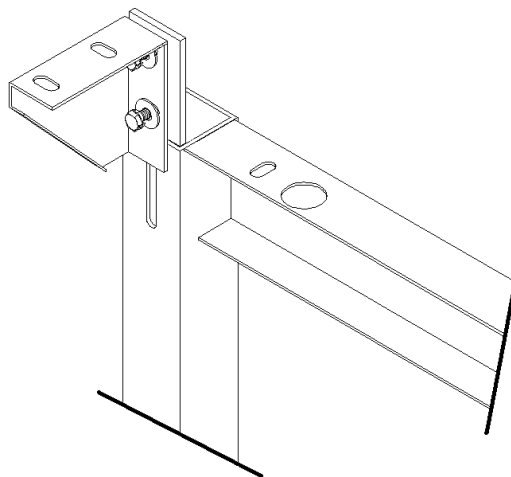


Step 2:

Repeat step 1 for the right adj. pedestal gusset item G. Do not tighten hardware yet.

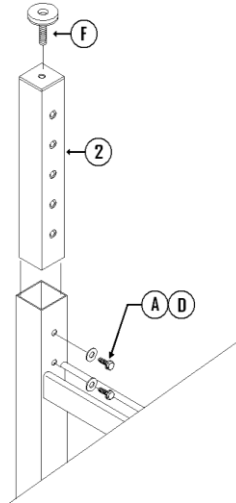
Step 3:

Slide the left and right adj. pedestal gussets with hardware onto the adj. pedestal item 1 as shown below. Make sure gussets are flush with the top side of the pedestal before tightening hardware.



Step 4:

Turn the pedestal assembly over and slide the leg extenders item 2 into the pedestal tube making sure the plastic insert in the end of the leg extender is exposed. Align the threads of the leg extender with the holes in the pedestal tube and select the desired height of the bench. Thread the 1/4-20 x .75 hex head bolts item A with the 1/4 flat washers item D into the threaded holes in the leg extender and tighten. Thread the floor glide item F into the plastic insert of the leg extender. The floor glides are used to level the bench when assembly is complete and it is put into position.

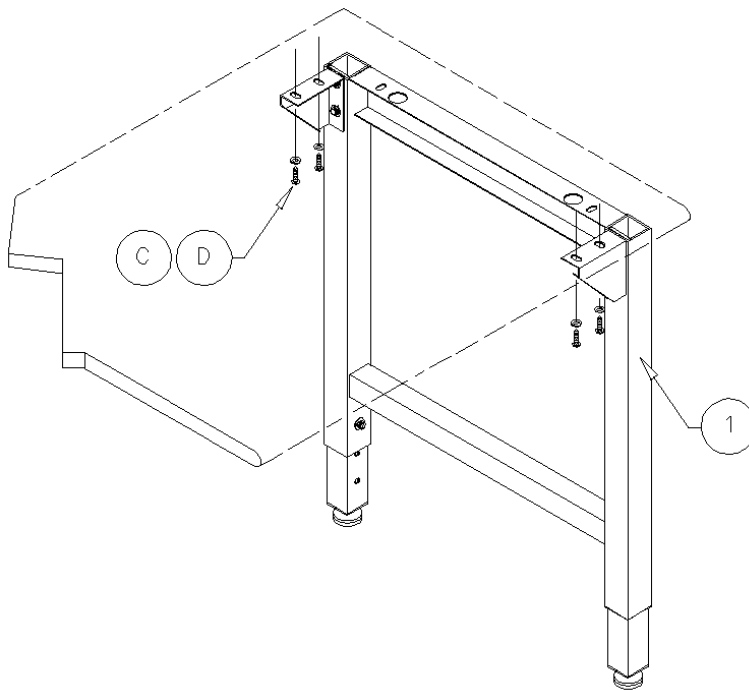


Step 5:

If the leg assembly is to be installed to a worksurface with a single WSC cabinet, install it and the WSC by installing it with the worksurface face down. Once installed and using more than two persons, turn the WSC and pedestal assembly over and add the drawers.

If the leg assembly is to be installed to a worksurface with more than one WSC cabinet it is recommended that only the leg assembly be install to the worksurface in the face down position, then turned over and install the worksurface and leg assembly to the WSC cabinets.

Install leg assembly to worksurface using #14 X 1.00 screw item C and 1/4 flat washers item D as shown below.



WSC Lower Metal Shelf Cabinet to Pedestal Assembly:

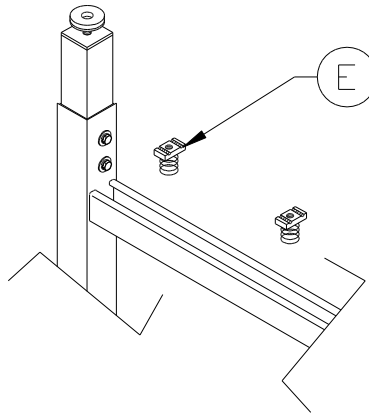
Item	Description	Qty
1	Lower Metal Shelf 1 Suspended Cab	1

HARDWARE KIT HWR146

A	Bracket, Cab Footrest LMS	1
B	Screw, #14AB x .625 PPH SMS Black	2
C	1/4 Flat Washer	6
D	Bolt 1/4-20 x 1.00 Hex Head Black	2
E	Nut, Unistrut 1/4-20	2
F	Nut, 1/4-20 Hex Keps Black	2
G	Weld Stud 1/4-20 X .75 Right Angle	2

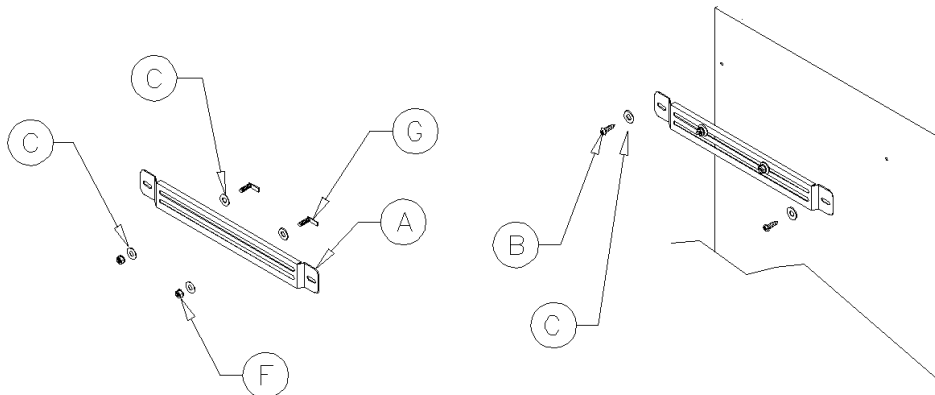
Step 1:

Install the unistrut nuts item E into the pedestal leg assembly channels by first aligning the nut with the channel, then pushing it into the pedestal cross channel compressing the spring, then rotate the nut clockwise and releasing it to lock into place. The unistrut nuts can be moved forward and backward to adjust to location of the lower metal shelf in relationship with the front edge of the bench.



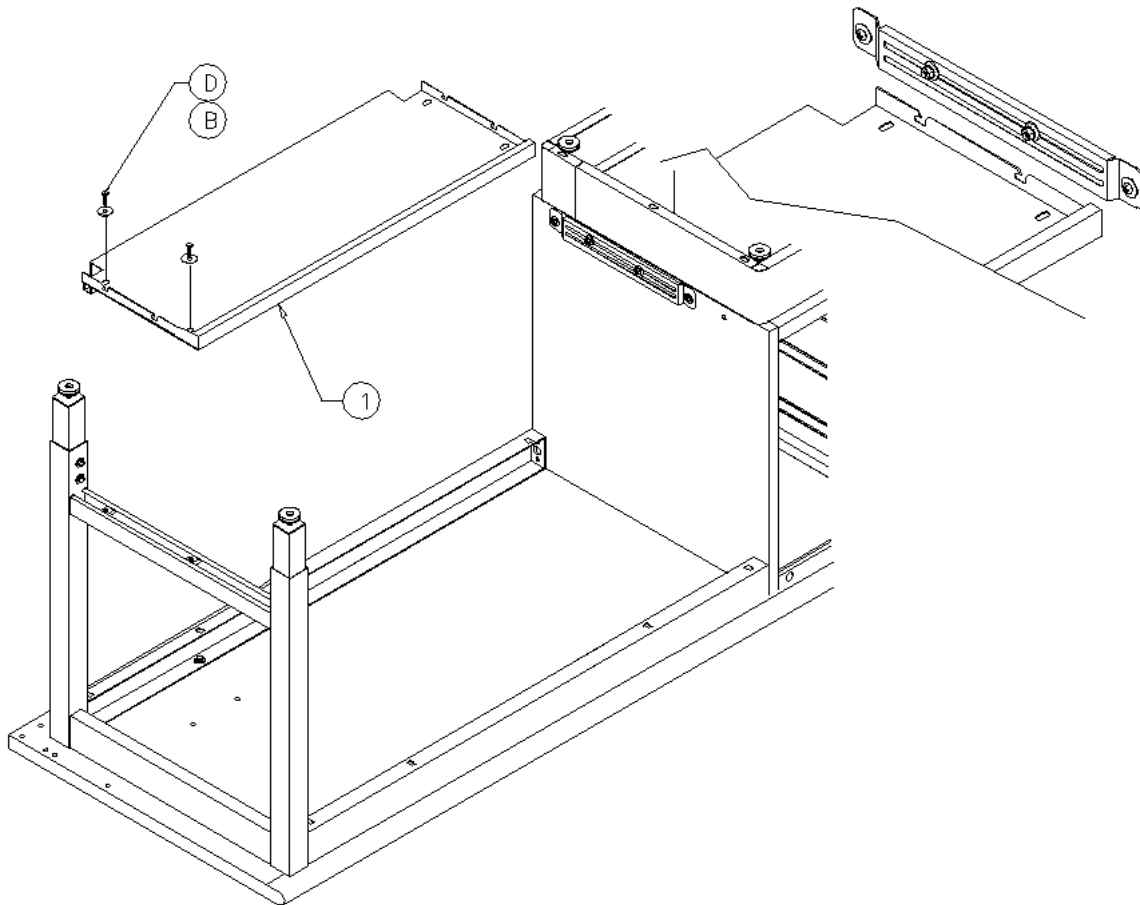
Step 2:

Install the weld studs item G, 1/4 flat washers item C, and 1/4-20 hex keps nuts item F into the cabinet footrest LMS bracket as shown below on the right. Do not tighten the hardware. Attach the bracket assembly to the side of the cabinet using the phillips screws item B and 1/4 flat washers item C. Be sure the weld studs are positioned so that they will be in the lower slot of the bracket when the bench is turned over onto it's pedestals. Tighten the phillips screws.



Step 3:

Place the lower metal shelf between the pedestal leg assembly and the cabinet and rest one end on the pedestal cross channel. Lower the opposite end of the lower metal shelf so that the slots at that end can be aligned with the hardware installed in the cabinet footrest LMS bracket. Lift the lower metal shelf into place and adjust the hardware into the slots and hand tighten so that the shelf will hang on the hardware. Adjust the lower metal shelf forward or back to the desired location. Move the unistrut nuts in the pedestal cross channel so that they line up with the slots in the lower metal shelf and attach it using the 1/4-20 x 1.00 hex head bolts item D and the 1/4 flat washers item B. Tighten all hardware at this time.



Step 4

At this point the bench assembly is very heavy. Be sure that no assemblers are injured in the process of turning the bench over onto its pedestal leg and cabinet assemblies. Turn the bench over onto its pedestal leg and cabinet assemblies being very careful not to damage the worksurface by either drop it or by pulling on the pedestal leg or cabinet base too hard. When the bench is turned over install the drawers into the cabinet and continue the assembly if other items are needed.

WSC Lower Metal Shelf Cabinet to Cabinet Assembly:

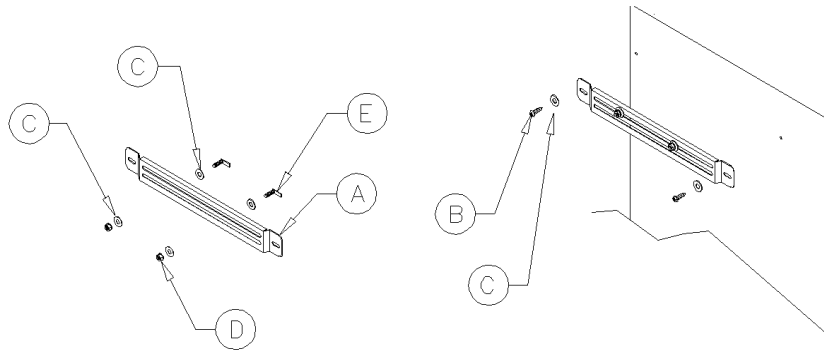
Item	Description	Qty
1	Lower Metal Shelf 2 Cabinets	1

HARDWARE KIT HWR147

A	Bracket, Cab Footrest LMS	2
B	Screw, #14AB X .625 PPH SMS Black	4
C	1/4 Flat Washer	16
D	Nut, 1/4-20 Hex Keps Black	4
E	Stud Weld 1/4-20 X .75 Right Angle	4

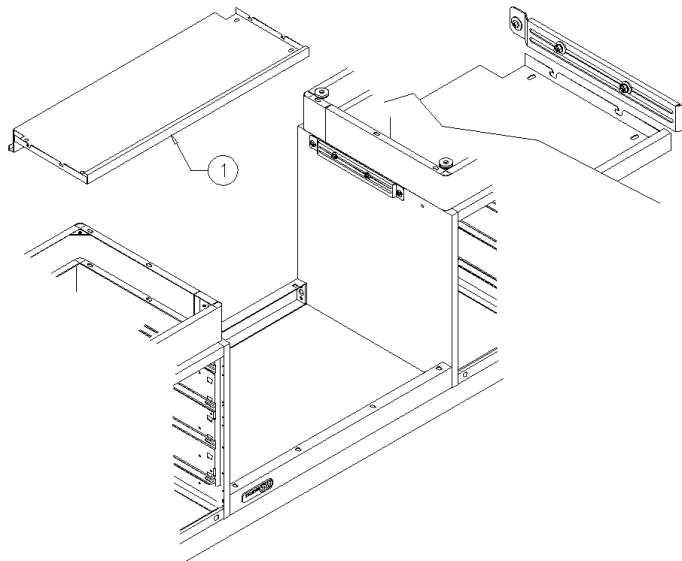
Step 1:

Install the weld studs item E, 1/4 flat washers item C, and 1/4-20 hex keps nuts item D into the cabinet footrest LMS brackets as shown below on the right. Do not tighten the hardware. Attach the bracket assemblies to the side of each cabinet using the phillips screws item B and 1/4 flat washers item C. Be sure the weld studs are positioned so that they will be in the lower slot of each of the brackets when the bench is turned over onto it's cabinets. Tighten the phillips screws to the cabinet side.



Step 2:

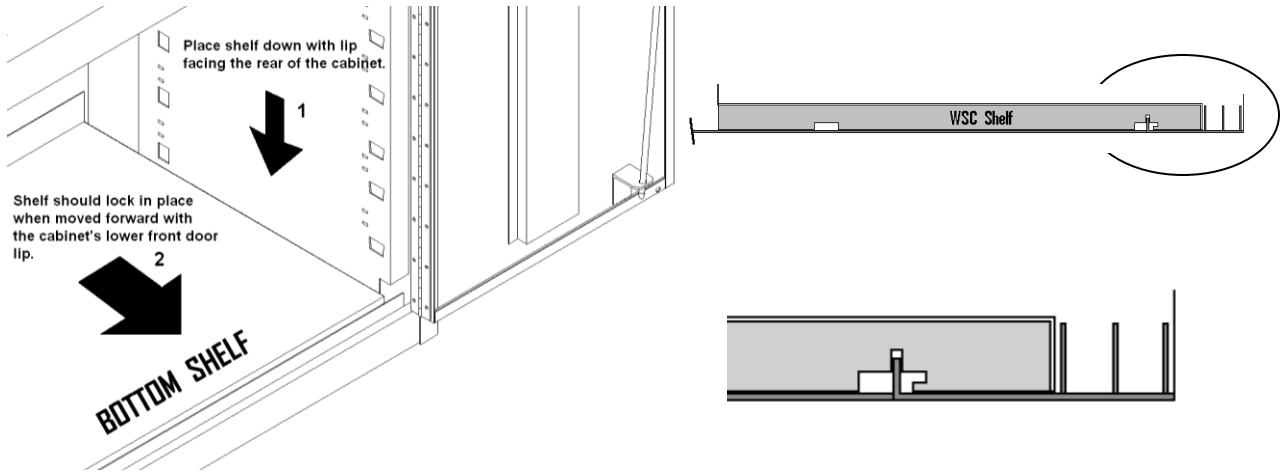
Fit the lower metal shelf between the two cabinets so that the slots at each end can be aligned with the hardware installed in the cabinet footrest LMS brackets. Lift the lower metal shelf into place and adjust the hardware into the slots and hand tighten so that the shelf will hang on the hardware. Adjust the lower metal shelf forward or back to the desired location. Tighten all hardware at this time.



Step 3

At this point the bench assembly is very heavy. Be sure that no assemblers are injured in the process of turning the bench over into its cabinet base assemblies. Turn the bench over onto its cabinet base assemblies being very careful not to damage the worksurface by either drop it or by pulling on the cabinet bases too hard. When the bench is turned over install the drawers into the cabinets and continue the assembly if other items are needed.

WSC Cabinet Bottom Shelf

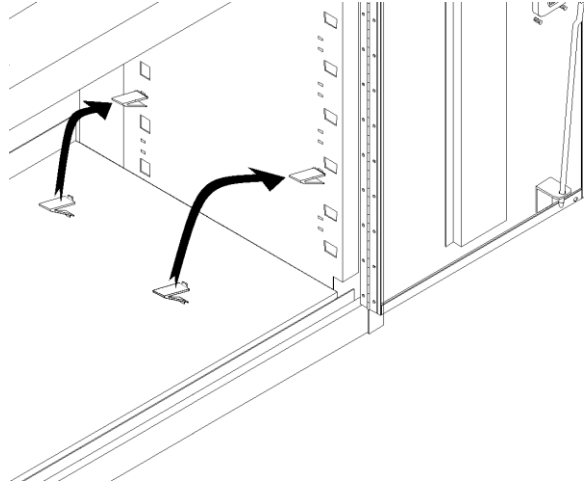


WSC Cabinet Shelf

HARDWARE KIT HWR121

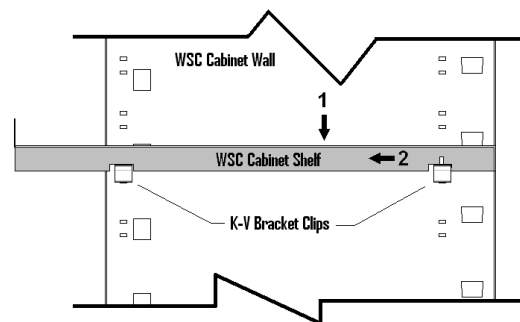
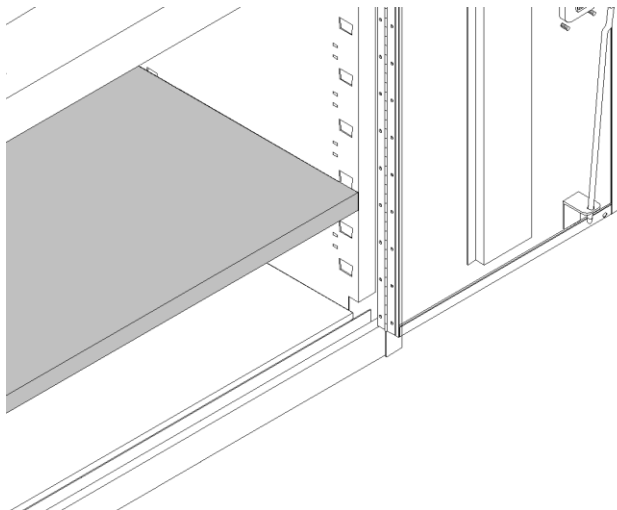
Step 1:

Install the cabinet shelf by using four K-V bracket clips and pressing and attaching them to the side cabinet walls slots as shown below. Make sure all four of the K-V bracket clips are at the same height.



Step 2:

Place the shelf in the cabinet and allow it to rest on the four cutouts located on each side of the shelf as shown below.



Please Note:
Shelf comes down on K-V bracket clips and then push back to lock shelf in place.

Right Side View Shown

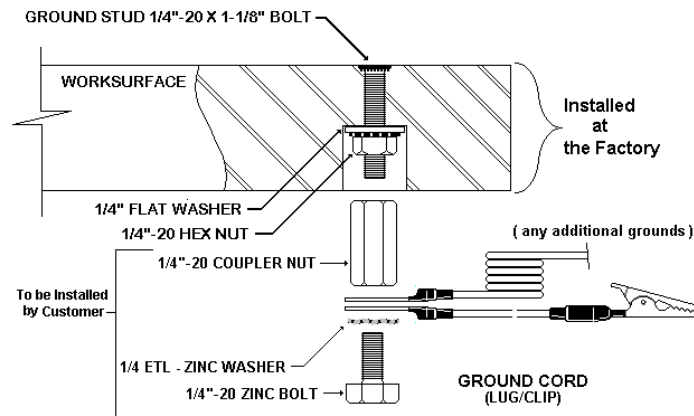
ESD Grounding

HWR014 ESD Hardware Kit

Note: do not use power tools for installation of ground cords.

Step 1:

For ESD worksurfaces to dissipate static electricity they require the connection of a ground cord to an earth ground. IAC install grounding studs on each rear corner of all ESD worksurfaces. Thread the 1/4-20 coupler nut onto one of these ground studs and tighten it being careful not to over tighten. Over tightening this coupler nut can cause damage to the connection between the ground stud and the laminate. Place the eyelet of the ground cord over the 1/4-20 x 1/2" bolt and thread the bolt into the coupler nut. The alligator clip must attach to an earth ground.



ESD Laminate Testing:

Although IAC conducts connectivity and surface resistance tests at the factory on all ESD worksurfaces, IAC recommends that customers conduct their own tests on all ESD worksurfaces to ensure that the ground cord installation has been completed correctly and that the ESD material is working properly.

Cleaning ESD Materials:

ESD laminates are designed to resist abrasion, scuffing, scorching, and most solvents. Intense exposure to any of these conditions can damage the ESD properties of the laminate and will require the replacement of the work surface. ESD laminate work surfaces are cleaned much the same as non-ESD laminated surfaces with a damp cloth and light soapy cleanser. A mild chemical cleaner can also be used as long as the laminate is not exposed to the chemical for long periods of time. Stains can be removed with a two-minute exposure to a 5% hypo chloride bleach solution immediately followed by a light soapy cleanser.

ESD Ground Precautions:

- 1) Connect each workbench work surface individually to the earth ground.
- 2) The green wire in a standard wall duplex can be used if it has been absolutely determined that it is attached to an earth ground.
- 3) Do not use power tools to install grounding hardware and components.
- 4) If benches are relocated IAC recommends the ground cords connections be re-tested.
- 5) Never use abrasive pads or cleansers to clean ESD surfaces.
- 6) Never wax ESD surfaces and avoid cleaners with wax-based properties.
- 7) Test ESD work surfaces frequently to ensure they are working properly.