ATTENTION NOTES:

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Tools required to assemble your products are:

7/16” and wrench or socket with ratchet.
Utility knife. Safety glasses and light duty protective gloves.

Please Note:
It will require at least two to three persons to assemble the bench.

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.

Attention Notes (cont)

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.
## Parts List: MFB S/S BENCH
(Ref. Figure 1) Hardware Kit 3501

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Qty.</th>
<th>Item</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MFB S/S UPRIGHTS RT/LT</td>
<td>1EA.</td>
<td>A</td>
<td>Bolt, ¼-20 x .750 HHW Black</td>
<td>18</td>
</tr>
<tr>
<td>2</td>
<td>D4 S/S BACK PANEL</td>
<td>1</td>
<td>B</td>
<td>Bolt, ¼-20 x .750 carriage zinc</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>SUPT CHNL AMS WKSF</td>
<td>2</td>
<td>C</td>
<td>Nut, ¼-20 Hex Keps Black</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>BRKT, MFB WS RT</td>
<td>1</td>
<td>D</td>
<td>Washer, ¼ Flat Black</td>
<td>18</td>
</tr>
<tr>
<td>5</td>
<td>BRKT, MFB WS LT</td>
<td>1</td>
<td>E</td>
<td>Floor Glide ½-13 x 2.50 x 1.625 Dia</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>MFB TIE BEAM</td>
<td>1</td>
<td>F</td>
<td>Cap, 2.00 x 3.00 10-14 ga Black</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G</td>
<td>Bracket, D4/SVS Tie Plate</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H</td>
<td>Grommet, 2.50 Dia rubber</td>
<td>2</td>
</tr>
</tbody>
</table>

| 1/4-20x.750 | 1/4 Flat | Bolt, ¼-20 x .750 | Nut, ¼-20 Hex Keps | Grommet, 2.50 Dia Rubber |
| HHW Black    | Washer   | Carriage Zinc     | Black              |                          |

1/4-20x.750 HHW Black
1/4 Flat Washer
Bolt, ¼-20 x .750 Carriage Zinc
Nut, ¼-20 Hex Keps Black
Grommet, 2.50 Dia Rubber

Reference Assembly Drawing next page: Overview
1. Screw on floor glides (item E) and attached bottom end caps (item F) to MFB S/S Upright weldments (items 1).

2. With one person holding one upright (Item 1) and making sure the “opening” side of the upright faces the inside of the bench and the other person holding the back panel (item 2) attach back panel to upright using 1/4-20 x .75 carriage bolts (item B) and 1/4-flat washers and 1/4-20 hex keps nuts (items C&D). Attach hardware loosely at this time.

**Please Note:** There are square cut outs in the upright channels to adjust the height of the back panel to the required height, Item B goes into the inside of the upright channel. The back panel should be installed 1.25” below the required height to allow for the worksurface thickness. Also note the direction of the back panel before install them.

3. Repeat step 2 and install the other side of the panel to the same side upright as shown above.
4. Install the other upright to the other side of the back panel using the same hardware types shown in step 2. Attach hardware loosely at this time.

5. Install the MFB Tie Beam (item 6) to the top of each upright using 1/4-20 x.75 carriage bolts (item B) and 1/4-flat washers and 1/4-20 hex keeps nuts (items C&D). Attach hardware loosely at this time.

6. Once the panel (item 2) and MFB tie beam (item 6) are installed to the two uprights (item 1), make sure the bench is squared before tightening up all the hardware.

7. Install the two (Right and Left) MFB WS Brackets (items 4&5) to each side of the upright as shown above by tilting the bracket at an angle to attach the locking tab into the upright than lowering it and pulling it in and down into the slots.

**Please Note:** The WS Brackets (items 4&5) once put into position will need a rubber mallet to lock the WS Brackets into place. Also note that the brackets need to be installed at the same height as the back panels (item 2) so that the worksurface will install correctly.

8. Once both brackets are installed at the same height as the back panel (see note below step 2), you are ready to install the worksurfaces.

**Please Note:** Before installing worksurface to the bench it may be easier for the installation of all underside accessories at this time including the support channels.
9. Install the support channels (item 3) to the underside of the worksurface by placing the worksurface on a protective surface turning the worksurface to show the underside and lining up the support channels to the underside hole pattern install the support channels (item 3) to the worksurface using 1/4-20 x .75 bolts (item A) and 1/4-20 flat washers (item D) once all hardware is installed, tighten all hardware. (Do not over tighten hardware)

10. Install the worksurface as shown in FIG 1 (next page) using 1/4-20 x .75 bolts (item A) and 1/4-20 flat washers (item D) Hand tighten only at this time.

**Please Note:** Worksurface will be heavier due to support channel and any other accessories installed at this time. Please use caution when turning and installing worksurfaces to the bench. Safety always first.

11. Once the worksurface is installed and square off, making sure to keep the worksurface squared, tighten all worksurface hardware.
ESD GROUNDING:
HARDWARE KIT HWR014

ESD refers to the OPTIONAL static dissipative laminate used on the bench. The laminate has a conductive under layer that comes in contact with the factory installed grounding bolts in the worksurface. The ESD grounding kit, including the 10 ft. grounding wire must be attached and the bench must be properly grounded to your facility earth ground. (See below for grounding cautions!) The eyelet slips over the bolt end and the alligator clip attaches to ground. When tested with a megohmmeter the ground bolts should test at 1 ($1 \times 10^6$) to 1000 ($1 \times 10^9$) in accordance with EOS/ESD standards prescribed in EOS/ESD document S4.1-1990 Worksurfaces-Resistive Characterization. For specific details on grounding the bench consult EOS/ESD document S6.1-1991 Grounding - Recommended Practice.

![Diagram of ESD Grounding Kit](image-url)
GROUNDING CAUTIONS:

1.) Ground each bench individually to ground, NEVER to each other in a continuous daisy chain.
2.) ISOLATED ground receptacles should not be used to derive an ESD ground.
3.) The green wire in a standard wall duplex can be used as a ground if it has been absolutely determined that the green wire is attached to earth ground in your facility, thereby providing a real earth ground.
4.) Each component of an ESD station should be connected to the same common ground point. In other words, use only ONE of the ground bolts as a path to ground. There are 2 installed for convenience only, or in the event you purchase a continuous resistance monitor.

Grounding Cautions (Continued) ............

5.) DON’T use power tools to install the nuts for the grounding kit. HAND TIGHTEN ONLY. If you attempt to ‘spin’ the ground bolt, the serrated teeth under the head of the bolt might strip the thin conductive layer.

NOTE: If benches are moved to another location, the ground bolts in the worksurfaces should be re-tested. Refer to EOS/ESD document S4.1-1990 Worksurfaces-Resistive Characterization for proper testing methods. If ground has been disturbed between the bolt and the static dissipative laminate, DO NOT OVER TIGHTEN ground bolts to achieve proper ground. If ground cannot be re-established, loosen nuts underneath bolt and remove ground bolt from hole. It may be necessary to hold the threads of the bolt with a small screwdriver in order to stabilize it to remove the nuts.

Paint a thin layer of CONDUCTIVE ADHESIVE or CONDUCTIVE PAINT on the small "ledge" of conductive laminate where the bolt head rests and underneath THE HEAD of the ground bolt. Set bolt back into the hole while liquid is still wet and test ground immediately. At the point ground is reestablished, let the liquid dry before reattaching the ground wire.

CLEANING:

Hard surface laminate is designed to resist abrasion, scuffing, scorching, hot solder, flux and most solvents. Intense exposure, such as from a hot soldering iron is not recommended. The surface cleans easily with a damp cloth and soapy water. A mild chemical cleaner with no abrasive can be used for
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7/16” and wrench or socket with ratchet.
Utility knife. Safety glasses and light duty protective gloves.

Please Note:
It will require at least two to three persons to assemble the bench.

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. Attention Notes (cont)

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.

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Parts List: MFB D/S BENCH
(Ref. Figure 1) Hardware Kit 3501

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<tr>
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<th>Item</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MFB D/S UPRIGHTS</td>
<td>2</td>
<td>A</td>
<td>Bolt, ¼-20 x .750 HHW Black</td>
<td>37</td>
</tr>
<tr>
<td>2</td>
<td>D4 S/S BACK PANEL</td>
<td>2</td>
<td>B</td>
<td>Bolt, ¼-20 x .750 carriage zinc</td>
<td>13</td>
</tr>
<tr>
<td>3</td>
<td>SUPT CHNL AMS WKSF</td>
<td>4</td>
<td>C</td>
<td>Nut, ¼-20 Hex Keps Black</td>
<td>13</td>
</tr>
<tr>
<td>4</td>
<td>BRKT, MFB WS RT</td>
<td>2</td>
<td>D</td>
<td>Washer, ¼ Flat Black</td>
<td>30</td>
</tr>
<tr>
<td>5</td>
<td>BRKT, MFB WS LT</td>
<td>2</td>
<td>E</td>
<td>Floor Glide ½-13 x 2.50 x 1.625 Dia</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>MFB TIE BEAM</td>
<td>1</td>
<td>F</td>
<td>Cap, 2.00 x 3.00 10-14 ga Black</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G</td>
<td>Bracket, D4/SVS Tie Plate</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>H</td>
<td>Grommet, 2.50 Dia rubber</td>
<td>2</td>
</tr>
</tbody>
</table>

References:
- [1/4-20 x .750 HHW Black](image)
- [1/4 Flat Washer](image)
- [Bolt, ¼-20 x .750 Carriage Zinc](image)
- [Nut, ¼-20 Hex Keps Black](image)
- [Grommet, 2.50 Dia Rubber](image)
- [Cap 2.00 x 3.00 Black](image)
- [½-13 x 2.50 Floor Glide](image)
- [Bracket Tie Plate](image)

Reference Assembly Drawing next page: Overview
1. Screw on floor glides (item E) and attached bottom end caps (item F) to both MFB D/S Upright weldments (items 1).

2. With one person holding one upright (Item 1) and making sure the “opening” side of the upright faces the inside of the bench and the other person holding one of two back panel (item 2) attach back panel to upright using 1/4-20 x.75 carriage bolts (item B) and 1/4-flat washers and 1/4-20 hex keeps nuts (items C&D). Attach hardware loosely at this time.

**Please Note:** There are square cut outs in the upright channels to adjust the height of the back panel to the required height. Item B goes into the inside of the upright channel. The back panel should be installed 1.25” below the required height to allow for the worksurface thickness. Also note the direction of the back panel before install them.

3. Repeat step 2 and install the other back panel to the same side upright as shown above.

4. Install the other upright to the other side of the two back panels using the same hardware types shown in step 2. Attach hardware loosely at this time.
5. Install the MFB Tie Beam (item 6) to the top of each upright using 1/4-20 x.75 carriage bolts (item B) and 1/4-flat washers and 1/4-20 hex keps nuts (items C&D). Attach hardware loosely at this time.

6. Once both back panels (item 2) and MFB tie beam (item 6) are installed to the two uprights (item 1), make sure the bench is squared before tightening up all the hardware.

7. Install the four (Right and Left) MFB WS Brackets (items 4&5) to each side of the upright as shown above by tilting the bracket at an angle to attach the locking tab into the upright than lowering it and pulling it in and down into the slots.

**Please Note:** The WS Brackets (items 4&5) once put into position will need a rubber mallet to lock the WS Brackets into place. Also note that the brackets need to be installed at the same height as the back panels (item 2) so that the worksurface will install correctly.

8. Once all four brackets are installed at the same height as the back panels (see note below step 2), you are ready to install the worksurfaces.

**Please Note:** Before installing worksurfaces to the bench it may be easier for the installation of all underside accessories at this time including the support channels.
9. Install the support channels (item 3) to the underside of the worksurfaces by placing the worksurface on a protective surface turning the worksurface to show the underside and lining up the support channels to the underside hole pattern install the support channels (item 3) to the worksurface using 1/4-20 x.75 bolts (item A) and 1/4-20 flat washers (item D) once all hardware is installed, tighten all hardware. (Do not over tighten hardware)

10. Install each of the two worksurfaces as shown in FIG 1(next page) using 1/4-20 x.75 bolts (item A) and 1/4-20 flat washers (item D) Hand tighten only at this time.

Please Note: Worksurfaces will be heavier due to support channel and any other accessories installed at this time. Please use caution when turning and installing worksurfaces to the bench. Safety always first.

11. Once both worksurfaces are installed and square off, making sure to keep the worksurfaces squared, tighten all worksurface hardware.
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HARDWARE KIT HWR014

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GROUNDING CAUTIONS:
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4.) Each component of an ESD station should be connected to the same common ground point. In other words, use only ONE of the ground bolts as a path to ground. There are 2 installed for convenience only, or in the event you purchase a continuous resistance monitor.

Grounding Cautions  (Continued) ............

5.) DON’T use power tools to install the nuts for the grounding kit. HAND TIGHTEN ONLY. If you attempt to 'spin' the ground bolt, the serrated teeth under the head of the bolt might strip the thin conductive layer.

NOTE: If benches are moved to another location, the ground bolts in the worksurfaces should be re-tested. Refer to EOS/ESD document S4.1-1990 Worksurfaces-Resistive Characterization for proper testing methods. If ground has been disturbed between the bolt and the static dissipative laminate, DO NOT OVER TIGHTEN ground bolts to achieve proper ground. If ground cannot be re-established, loosen nuts underneath bolt and remove ground bolt from hole. It may be necessary to hold the threads of the bolt with a small screwdriver in order to stabilize it to remove the nuts.

Paint a thin layer of CONDUCTIVE ADHESIVE or CONDUCTIVE PAINT on the small "ledge" of conductive laminate where the bolt head rests and underneath THE HEAD of the ground bolt. Set bolt back into the hole while liquid is still wet and test ground immediately. At the point ground is reestablished, let the liquid dry before reattaching the ground wire.

CLEANING:
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PLEASE NOTE:

Accessories include assembly instructions in their own packaging when packed by individually. Please look for these instructions while unpacking.

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Tools required to assemble MFB accessories are:
7/16" and 1/2" wrench or socket with ratchet.
Phillips screwdriver 8" long.
Utility knife.
Safety glasses and light duty protective gloves.

NOTE: Power tools are NOT recommended unless they are equipped with a torque limiting device which can limit the torque to 10 foot lbs maximum at aluminum attachment points, and 15 foot lbs maximum for all other attachment points.

Unpack your order and separate like parts into separate areas. Be careful not to damage parts as they are being moved around and put 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 HOTLINE at 800-989-1422.

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PRE ASSEMBLY CHECK LIST

Hardware Kit HWR3228

Your bench has been carefully packed at the factory to prevent damage during shipment. Unpack all parts and examine them for damage. Contact your freight carrier for freight claims information if your order was shipped "freight collect" or "pre-pay and add". Contact IAC Industries at 800 989-1422 if parts are missing.

Hardware Kit Components

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>1. Bracket, TE2-SB-MFB Elec MTG END WSM</td>
<td>2</td>
</tr>
<tr>
<td>2. Screw, ¼-20 x .500 PPH &quot;F&quot; Black</td>
<td>4</td>
</tr>
<tr>
<td>3. Washer, ¼ Flat Black</td>
<td>8</td>
</tr>
<tr>
<td>4. Screw, ¼-20 x 1.50 PPH Black</td>
<td>2</td>
</tr>
<tr>
<td>5. Nut, ¼-20 Hex Keps Black</td>
<td>2</td>
</tr>
</tbody>
</table>

TOOLS NEEDED: Power or hand held Phillips head screwdriver with #2 tip, 7/16” and 1/2” combination wrench or thin wall sockets.
Assembly Instructions

**STEP #1** Attach item (1) to both ends of the Electrical Channel using items, (2), and (3) in your Hardware Kit.

**STEP #2** Then use items (3), (4), and (5) to mount the end brackets to the work surface. Using the mounted brackets as your template align the Electrical Channel in the position you want it, above or underneath the worksurface and us the bracket opening to mark, hole punch, drill or screw down the Electrical Channel into position.

**Please Note:** For your convenience wood screws are provided if you choose not to drill through the worksurface. Do not over tighten wood screws.
PLEASE NOTE:

Accessories include assembly instructions in their own packaging when packed by individually. Please look for these instructions while unpacking.

ATTENTION NOTES:

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Tools required to assemble MFB accessories are:
7/16” and 1/2” wrench or socket with ratchet.
Phillips screwdriver 8” long.
Utility knife.
Safety glasses and light duty protective gloves.

NOTE: Power tools are NOT recommended unless they are equipped with a torque limiting device which can limit the torque to 10 foot lbs maximum at aluminum attachment points, and 15 foot lbs maximum for all other attachment points.

Unpack your order and separate like parts into separate areas. Be careful not to damage parts as they are being moved around and put 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 HOTLINE at 800-989-1422.

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COPY OF VENDOR CERTIFICATE AVAILABLE UPON REQUEST.
PRE ASSEMBLY CHECK LIST

Hardware Kit HWR3278

Your bench has been carefully packed at the factory to prevent damage during shipment. Unpack all parts and examine them for damage. Contact your freight carrier for freight claims information if your order was shipped "freight collect" or "pre-pay and add". Contact IAC Industries at 800 989-1422 if parts are missing.

(1) (2) (3) (4)

Hardware Kit Components

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Bolt, ¼-20 x 1.25 HH Zinc</td>
<td>4</td>
</tr>
<tr>
<td>2. Nut, ¼-20 Unistrut Long Spring N-2-4</td>
<td>4</td>
</tr>
<tr>
<td>3. Washer, ¼ Flat Fender Black 1.25” OD</td>
<td>8</td>
</tr>
<tr>
<td>4. Nut, ¼-20 Hex Keps Black</td>
<td>4</td>
</tr>
</tbody>
</table>

TOOLS NEEDED: Power or hand held Phillips head screwdriver with #2 tip, 7/16” and 1/2” combination wrench or thin wall sockets.
Assembly Instructions

**STEP #1** Remove the drawer body from the drawer case, this is done by opening the drawer and drawer housing. The drawer is removed from the drawer housing by lift up on the left side tab and press down on the right side tab and pull on drawer body. Once this is done this will help install the case (drawer housing) onto the unistrut channels under the work surface.

**STEP #2** Next, insert item (2) through the unistrut channels to prepare for mounting the drawer case.
**STEP #3** Line-up the holes in the spring nut and the drawer case, then, using items (1) and (3), mount the drawer case to the unistrut channels, do not overtighten.

Final Assembly shown below. (Work surface not shown).

**Please Note:** *See next page before installing drawer back into the drawer housing.*
Before Installing the Drawer Body back into the Drawer Case:

Once bench is complete and is in the right side up position you can install your drawer bodies back into the single drawer or cabinets, but before installing the two parts (Drawer body/Drawer Case) of the drawer assembly together you much do the following:

1. Make sure the Red locking mechanism in in the closed position: Using the switch of the Red locking mechanism, close the spring loaded Red locking mechanism by turning the switch up or down (depend on what side your setting) position until the Red locking mechanism closes.

Before installing the drawer body slide into the Drawer Housing slide please make sure that both of the “Ball bearing tracks” on the outside left and right pieces are all the way forward. Install drawer body part of slide to drawer housing part of slide making sure the slide are aligned with each other. Insert the drawer body all the way in then all the way out making sure the two part work OK.
PLEASE NOTE:

MFB Accessories include assembly instructions in their own packaging when packed by individually. Please look for these instructions while unpacking.

ATTENTION NOTES:

IAC Industries takes great care in the packaging of its 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 MFB accessories are:
7/16" and 1/2" wrench or socket with ratchet.
Phillips screwdriver 8” long.
Utility knife.
Safety glasses and light duty protective gloves.

NOTE: Power tools are NOT recommended unless they are equipped with a torque limiting device which can limit the torque to 10 foot lbs maximum at aluminum attachment points, and 15 foot lbs maximum for all other attachment points.

Unpack your order and separate like parts into separate areas. Be careful not to damage parts as they are being moved around and put 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 HOTLINE 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.
PRE ASSEMBLY CHECK LIST

Your bench has been carefully packed at the factory to prevent damage during shipment. Unpack all parts and examine them for damage. Contact your freight carrier for freight claims information if your order was shipped “freight collect” or “pre-pay and add”. Contact IAC Industries at 800 989-1422 if parts are missing.

HARDWARE KIT HWR3200:

Bolt, 1/4-20 X 1.00 HH BLACK

1/4" Flat Washer

Unistrut Short Spring N-5

Unistrut Long Spring N-2-4

Bracket, MFB Shelf/Light 12D RT & LT

HARDWARE KIT COMPONENTS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOLT, 1/4-20 X 1.00 HH BLACK</td>
<td>8</td>
</tr>
<tr>
<td>Washer, ¼ Flat Black</td>
<td>8</td>
</tr>
<tr>
<td>Nut, ¼-20 Unistrut Long Spring N-2-4</td>
<td>6</td>
</tr>
<tr>
<td>Nut, ¼-20 Unistrut Short Spring N-5</td>
<td>2</td>
</tr>
<tr>
<td>Bracket, MFB Shelf/Light 12D RT &amp; LT</td>
<td>1 Pair</td>
</tr>
</tbody>
</table>

TOOLS NEEDED: Power or hand held Phillips head screwdriver with #2 tip, 7/16” and 1/2” combination wrench or thin wall sockets.
MFB
Light Fixture Assembly

**Step 1: Read the Note below before continuing.** Once the Bolts, 1/4-20 X 1.00 HH BLACK and ¼ flat washers have been threaded through the slots in the light fixture, proceed to feed the Nut, 1/4-20 UNISTRUT SHORT SPRING N-5 into the sides of the unistrut channel by compressing the spring and rotating the nut inside the channel until it sets along the inside of the channel. Once the Nut Springs are lined up with the Screws in the light fixture, you may tighten the screws, connecting the unistrut channel to the light fixture. Making sure the hardware is securely tighten you can now put back together the light fixture diffuser and ballast cover back together.

**Note:** The light fixture diffuser and ballast cover must be removed to expose the mounting slots in The light fixture housing. This must be done with extreme caution so that neither part is broken nor that wires are not exposed when the ballast cover is reinstalled.

**Step 2:** Using Bolts, 1/4-20 X 1.00 HH BLACK and ¼ flat washers provided, feed them into the two support channels through the bottom of the uprights connecting the light fixture/channel brackets to the two supports. Make sure all hardware is fully tightened and secure. At this time you may snap your Light fixture assembly into the slotted uprights at the desired height.
IAC INDUSTRIES
3831 S BULLARD AVE., GOODYEAR, AZ 85338
Phone (714) 990-8997 Fax (714) 990-0557
www.iacindustries.com

MULTI FLEX BENCH
Assembly Instructions

REV. (042318P65)
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PLEASE NOTE:

Multi Flex Bench Accessories include assembly instructions in their own packaging when packed by individually. Please look for these instructions while unpacking.

ATTENTION NOTES:

IAC Industries takes great care in the packaging of its 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 MFB Series BENCH products are:
- 7/16” and 1/2” wrench or socket with ratchet.
- Phillips screwdriver 8” long.
- Utility knife.
- Safety glasses and light duty protective gloves.

NOTE: Power tools are NOT recommended unless they are equipped with a torque limiting device which can limit the torque to 10 foot lbs maximum at aluminum attachment points, and 15 foot lbs maximum for all other attachment points.

Unpack your order and separate like parts into separate areas. Be careful not to damage parts as they are being moved around and put 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 HOTLINE at 800-989-1422.

WARNING:

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PRE ASSEMBLY CHECK LIST

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HARDWARE KIT HWR3122:

HARDWARE KIT COMPONENTS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNOB, TRI-WHEEL 1/4-20 INSERT SMALL</td>
<td>2</td>
</tr>
<tr>
<td>WASHER 1/4 FLAT BLK</td>
<td>2</td>
</tr>
<tr>
<td>BRACKET, MFB FPD AMS SPM REAR</td>
<td>1</td>
</tr>
<tr>
<td>BRACKET, MFB FPD AMS SPM FRT</td>
<td>1</td>
</tr>
</tbody>
</table>

TOOLS NEEDED: Power or hand held Phillips head screwdriver with #2 tip, 7/16” and 1/2” combination wrench or thin wall sockets.
**MFB Series**
MFB Series Document holder

**Step 1** First; Feed MFB rear bracket through front bracket provided (confirm which bracket is FRONT and REAR), Then, using the washers and tri-knobs, tighten the swing arm assembly to the brackets.
PLEASE NOTE:

MFB Accessories include assembly instructions in their own packaging when packed by individually. Please look for these instructions while unpacking.

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Tools required to assemble your MFB Series BENCH products are:
7/16” and 1/2” wrench or socket with ratchet.
Phillips screwdriver 8” long.
Utility knife.
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HARDWARE KIT QV-HWR4025:

SCREW, 10-32 X .625 PPH ZINC WASHERS, #10 FLAT ZINC
WASHER, #10 FLAT ZINC
NUT, #10-32 HEX ZINC
BRKT, KEYBOARD HLDR SUPT AMS

HARDWARE KIT COMPONENTS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCREW; 10-32 X .625 PPH ZINC</td>
<td>9</td>
</tr>
<tr>
<td>WASHER, #10 FLAT ZINC</td>
<td>25</td>
</tr>
<tr>
<td>NUT, #10-32 HEX ZINC</td>
<td>9</td>
</tr>
<tr>
<td>BRKT, KEYBOARD HLDR SUPT AMS</td>
<td>1</td>
</tr>
</tbody>
</table>

TOOLS NEEDED: Power or hand held Phillips head screwdriver with #2 tip, 7/16" and 1/2" combination wrench or thin wall sockets.
MFB Series
Flat Panel Display Keyboard Assembly

**Step 1** - Insert the keyboard bracket shown from the bottom of the tray up into the opening and mount it by using SCREW; 10-32 X .625 PPH ZINC, Washer #10 and Nut #10-32. Make sure all hardware is tightened and secure.

Step 2 - Place metal sleeve onto keyboard bracket and thread SCREW; 10-32 X .625 PPH ZINC and Washer #10 into the holes of the sleeve and tighten hardware using Nut #10-32 and Washer #10 to connect the two together. Once the sleeve is tightened and in place, place the flat panel display onto the holes shown in the figure below, and connect the two pieces together with SCREW; 10-32 X .625 PPH ZINC Washer #10, and Nut #10-32 with Washer #10. Make sure all hardware is fully tightened and secure.