Drawer Assembly

Part #s

DRW03/DRW2403
DRW06/DRW2406 *(single drawer fig - 1)*
DRW12/DRWF12/DRW2412
DRW26/DRW2426
DRW612/DRWF612/DRW24612
DRW36/DRW2436 *(stacked drawer fig - 2)*
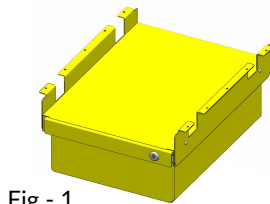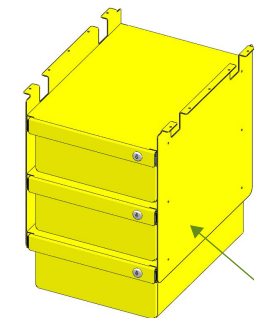DRW212/DRW24212
DRW3612/DRW243612

Qty	Components
8-10	#12 x 3/4" Phillips pan head sheet metal screw
1	Single drawer or stacked drawer assembly

Tool List
#3 Phillips screwdriver, or impact driver with #3 Phillips bit

Side mounting brackets

Fig - 1

Fig - 2

Front 1-1/2" steel deck frame

Fig - 3

#12 x 3/4" Phillips pan head sheet metal screw
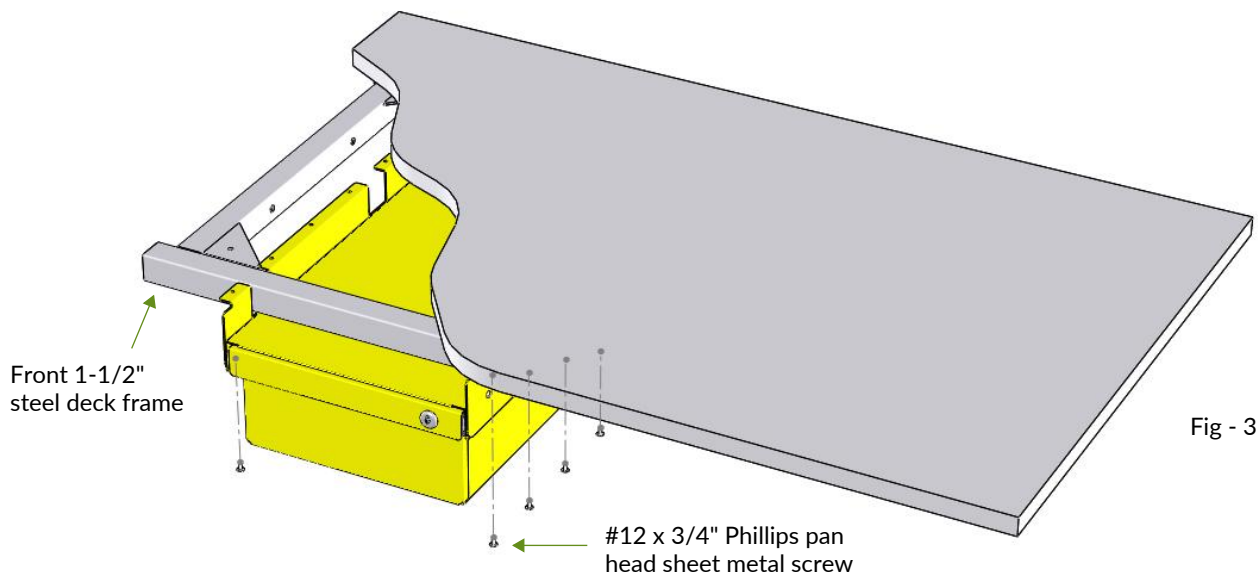
1 Position drawer assembly under workstation in desired location with the side mounting brackets fitting around the front 1-1⁄2" steel deck frame.

2 Secure the drawer to the underside of the work surface using the #12 x 3/4" Phillips pan head sheet metal screws provided (See Fig – 3).

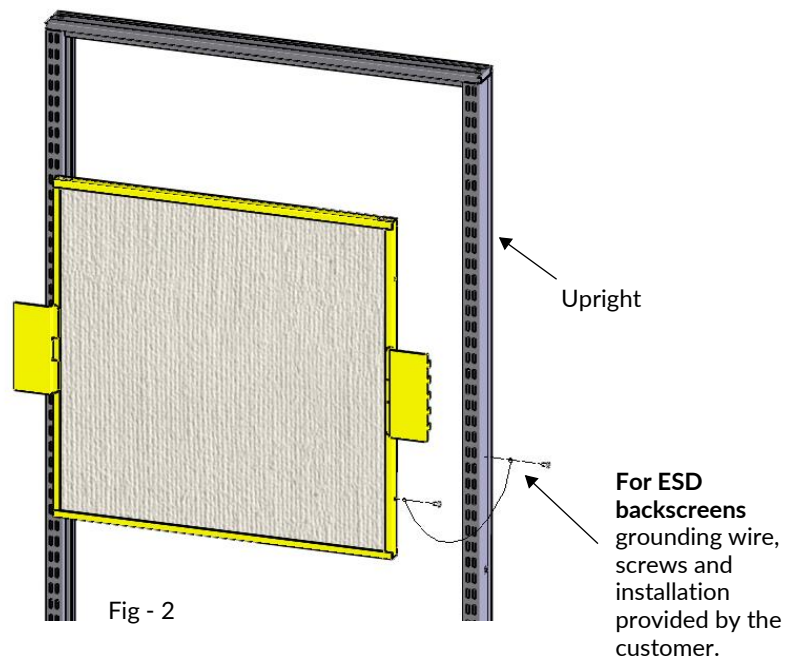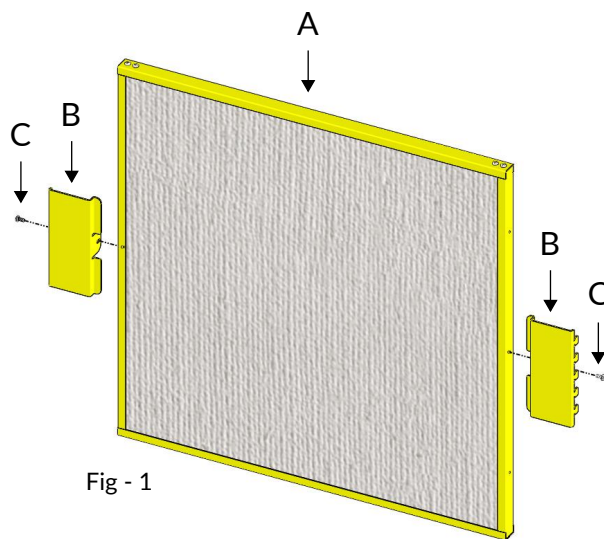*DRW24XXXX drawers attach using eight screws.*

Backscreen Assembly

Part #s
BS2428
BS2428M
BS2428P
BS2428W
BSE2428 - ESD

All backscreens mount the same

Tool List
#2 Phillips screwdriver

Item	Components	Qty
A	Backscreen assembly	1
B	Mounting brackets	2
C	#8-32 x 3/8" Phillips pan head thread cutting machine screw	2

A

C   B

Fig - 1

B

C

Upright

Fig - 2

For ESD backscreens grounding wire, screws and installation provided by the customer.

1   Attach mounting brackets (B) to backscreen assembly (A) using #8-32 x 3/8" phillips pan head thread cutting machine screws (C) (Fig - 1)

2   Insert mounting brackets (B) into slotted uprights at desired position. The backscreen can be mounted onto the uprights from the front or back (Fig - 2).

For ESD applications, the ESD backscreen can be connected to the upright through a wire installed using self-tapping screws. *Wire and screws are not provided.*

BOSTONtec
Ergonomic Workstations

Bin Rail & Accessories Assembly

Part # - BR0429

Item	Components	Qty
A	Bin rail assembly	1

1 Insert bin rail assembly (A) into slotted uprights at desired position (Fig-1)

Flat mount - insert top two hooks (Fig-2)
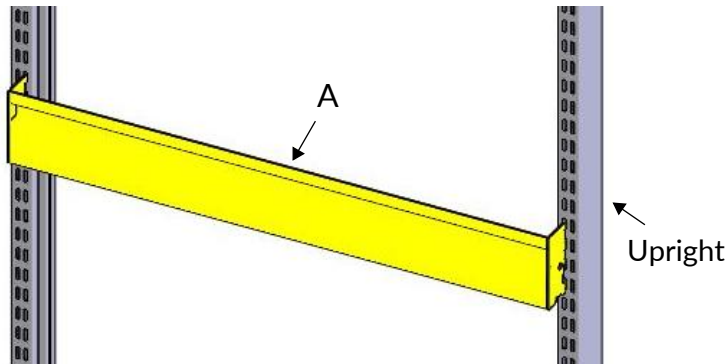
15° tilt mount - insert bottom two hooks (Fig-2)
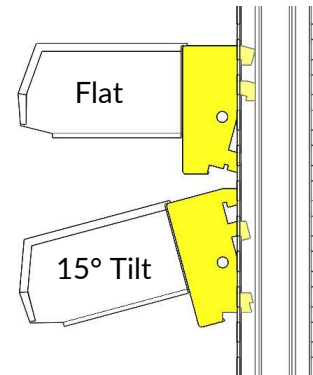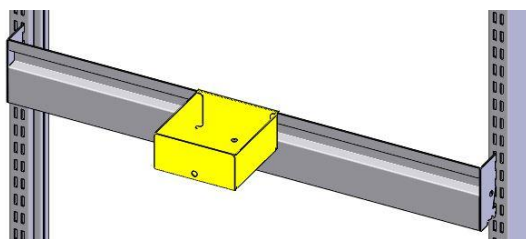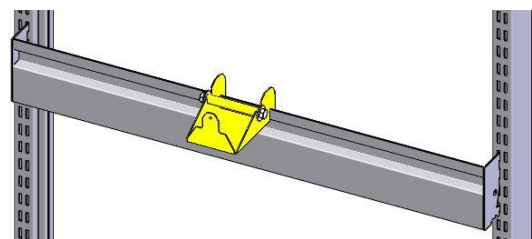
A

Upright

Fig - 1
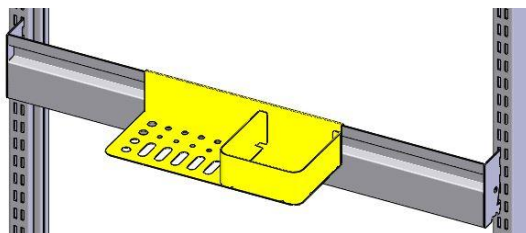
Flat

15° Tilt

Fig - 2

Bin rail accessories are designed to hang on top of bin rail without tools

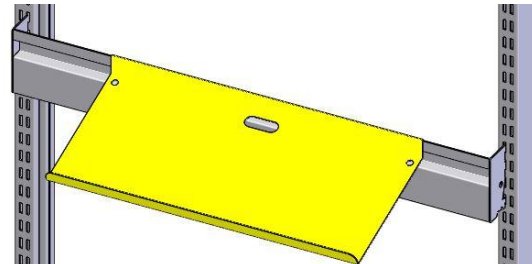Part # KWH000
Kim Wipe Holder

Part # SSH
Solder Spool Holder

Part # CTT512
Chemical / Tool Tray

Part # KT1907S
Keyboard Tray

UWKT / UWKTM / UWMP   UNDER WORK SURFACE KEYBOARD TRAY

The under work surface keyboard tray is mounted by positioning the inside face of the mounting bracket flange tight to the front face of the front deck tube (See *fig – 1*). Once the mounting bracket is in position, secure it to the underside of the work surface using the $\#12 – \frac{3}{4}$" Phillips Wood Screws provided (See *fig – 2)*.
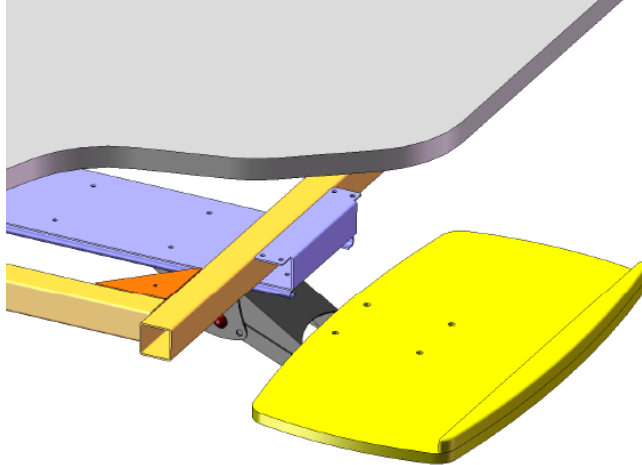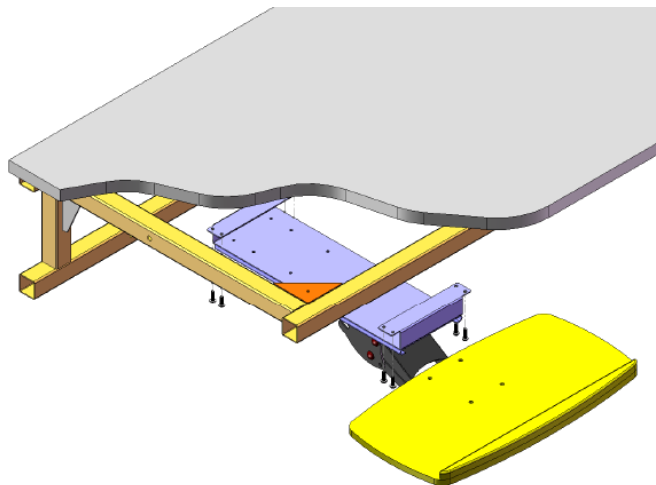
fig – 1

fig – 2

If you have the UWKTM or UWMP models you will follow the same keyboard assembly shown on page #1 to get the keyboard mounted to your table. The mouse pad mounts to the underside of the keyboard tray on either the left or right side. Using the two provided screws attach the mouse pad arm to the keyboard in the existing holes and tighten securely (see *Fig-3*). Lay the mouse soft pad with wrist support on the mouse tray.
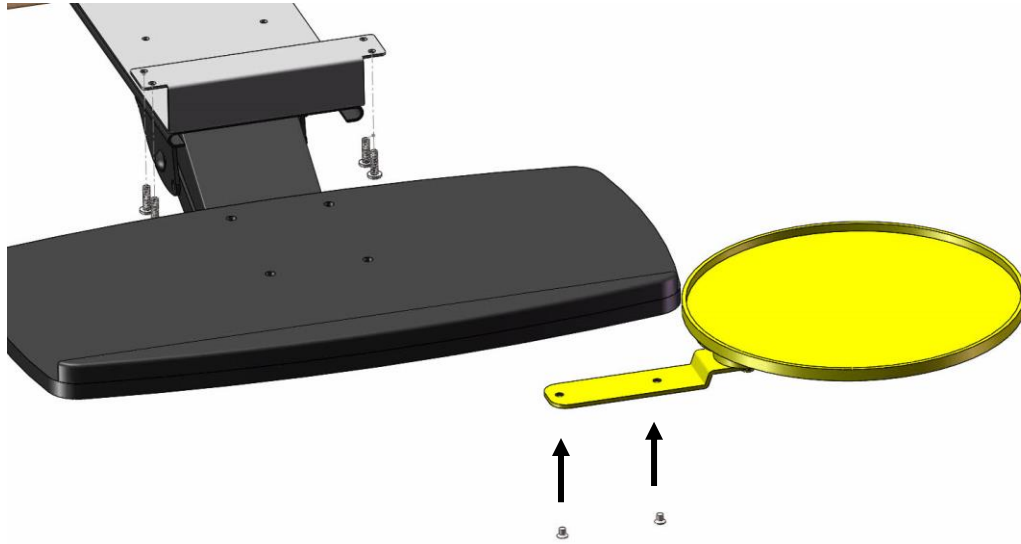

Fig-3

Monitor Arm Assembly
Upright Mounting

| Tool List |
| --- |
| Ratchet with 1/2" socket |
| 5mm hex wrench |
| #2 Phillips screwdriver |

Part # PFSMA - Pneumatic Height Adjustable Monitor Arm

Item	Components	Qty
A	Upright mounting clamp half with plate	1
B	Upright mounting clamp half without plate	1
C	Monitor arm mounting block	1
D	5/16" lock washer	2
E	M8-1.25 x 30mm socket head cap screw	2
F	5/16-18 x 1" hex head cap screw	2
G	Monitor arm smart stop ring	2
H	Monitor arm fixed link	1
I	Monitor arm adjustable link	1

Part # FPDA - Articulating Monitor Arm

Item	Components	Qty
A	Upright mounting clamp half with plate	1
B	Upright mounting clamp half without plate	1
C	Monitor arm mounting block	1
D	5/16" lock washer	2
E	M8-1.25 x 30mm socket head cap screw	2
F	5/16-18 x 1" hex head cap screw	2
G	Monitor arm smart stop ring	3
H	Monitor arm fixed link	2
J	Monitor arm VESA mount	1

BOSTONtec
Ergonomic Workstations
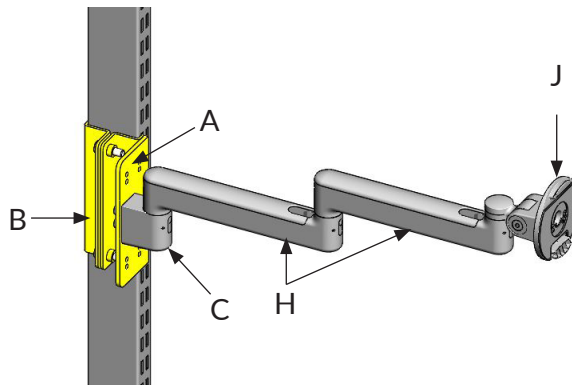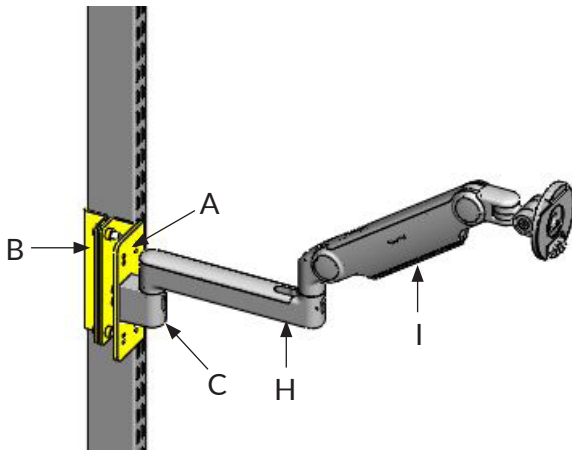
Monitor Arm Assembly
Upright Mounting

1   Attach monitor arm mounting block (C) to upright mounting clamp half with plate (A) using M8-1.25 x 30mm socket head cap screws (E) and 5/16" lock washers (D) (Fig-1).
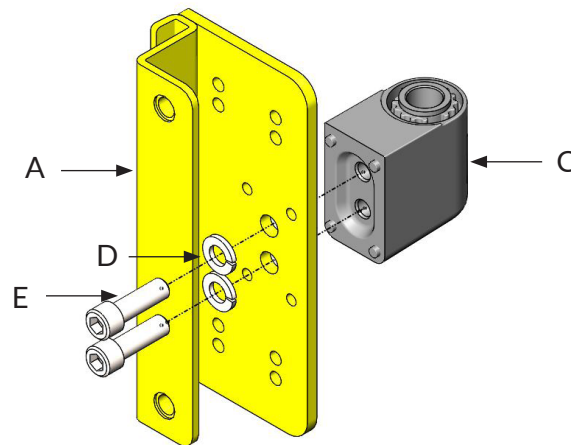
Fig-1

2   Hook upright mounting clamp halves (A) and (B) into desired postion on slotted upright (Fig-2).

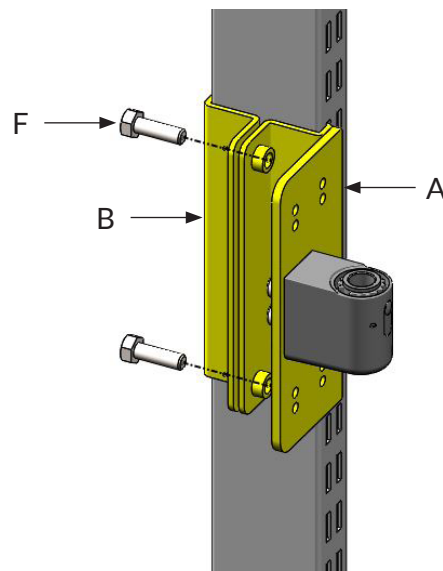3   Secure clamp halves to upright using 5/16-18 x1" hex head cap screws (F) (Fig-2).

Fig-2

Monitor Arm Assembly
Upright Mounting

4a Part # - PFSMA

Before adding each link of monitor arm, adjust monitor arm smart stop ring (G) (Fig-3a) according to step 2 in manufacturer's assembly instructions.

1. Insert monitor arm fixed link (H) into monitor arm mounting block (C) until release button locks in place.
2. Insert monitor arm adjustable link (I) into fixed link (H) until release button locks in place.
3. To remove links, press the release buttom and lift upward near the joint.
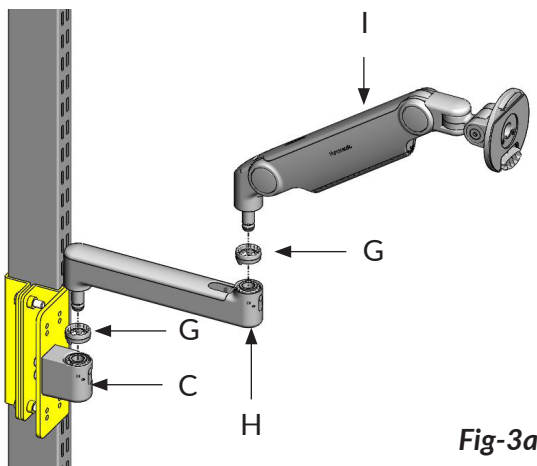
4b Part # - FPDA

Before adding each link of monitor arm, adjust monitor arm smart stop ring (G) (Fig-3b) according to step 2 in manufacturer's assembly instructions.

1. Insert the first monitor arm fixed link (H1) into the monitor arm mounting block (C) until release button locks in place.
2. Insert the second monitor arm fixed link (H2) into the first monitor arm fixed link (H1) until release button locks in place.
3. Insert monitor arm VESA mount (J) into second monitor arm fixed link (H2) until release button locks in place.
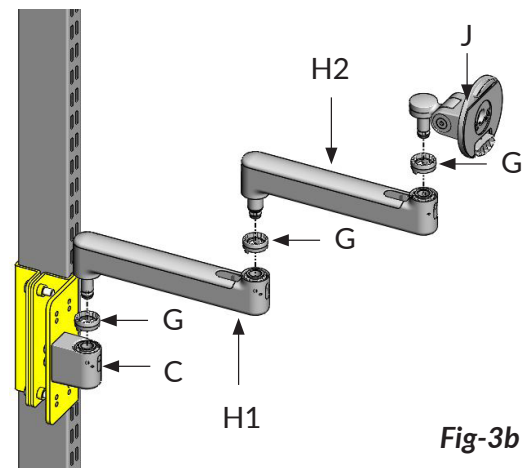4. To remove links, press the release buttom and lift.

Fig-3a

Fig-3b

5 Reference pages 4-7 of manufacturer's assembly instructions for additional information to mount monitor and adjust PFSMA.

LED Overhead Light Assembly

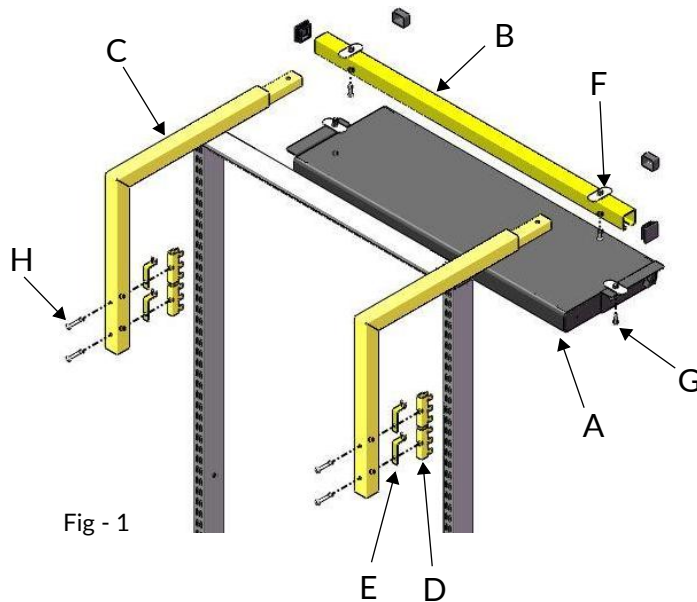| Tool List |
|---|
| #2 Phillips screwdriver, or impact driver with #2 Phillips bit |
| #3 Phillips screwdriver, or impact driver with #3 Phillips bit |

Part #s
LED243236/LED2432P36
LED243248/LED2432P48

Item	Components	Qty
A	32" LED light housing	1
B	Tool track	1
C	Overhead "L" arms	2
D	"L" arm mounting bracket	2
E	"L" arm security clip	4
F	Oval PEM nut plate	4
G	1/4-20 x 3/4" Phillips pan head screw	4
H	1/4-20 x 1-1/2" Phillips pan head screw	4

Fig - 1

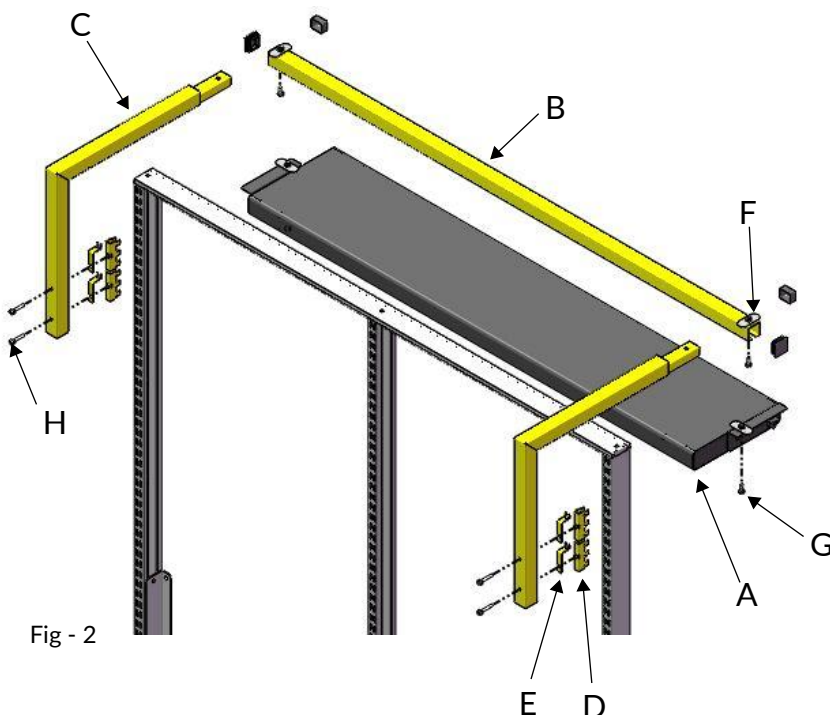### Part #s
LED225660/LED2256P60
LED225672/LED2256P72
LED243260/LED2432P60
LED243272/LED2432P72
LED245660/LED2456P60
LED245672/LED2456P72

Item	Components	Qty
A	32" or 56" LED light housing	1
B	Tool track	1
C	Overhead "L" arms	2
D	"L" arm mounting bracket	2
E	"L" arm security clip	4
F	Oval PEM nut plate	4
G	1/4-20 x 3/4" Phillips pan head screw	4
H	1/4-20 x 1-1/2" Phillips pan head screw	4

Fig - 2

LED Overhead Light Assembly
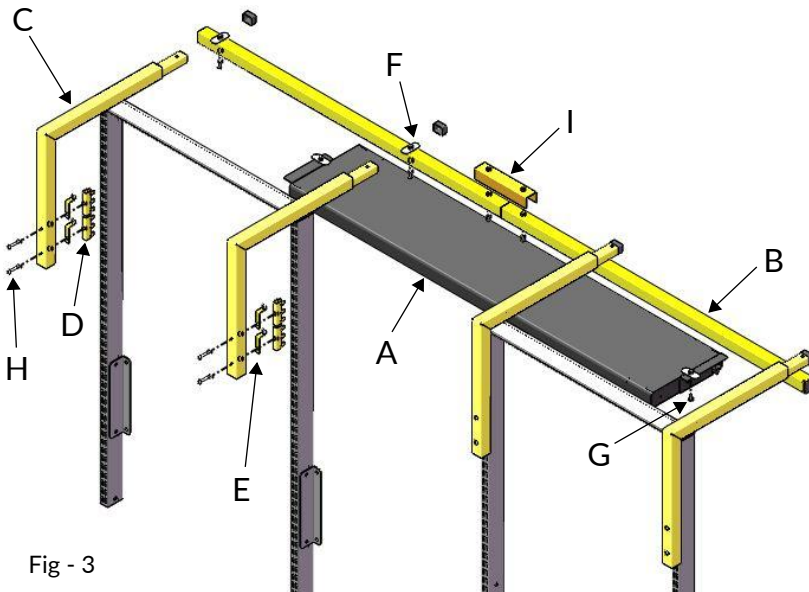
Fig - 3

Item	Components	Qty
A	32" or 56" LED light housing	1
B	Tool track	2
C	Overhead "L" arms	4
D	"L" arm mounting bracket	8
E	"L" arm security clip	8
F	Oval PEM nut plate	6
G	1/4-20 x 3/4" Phillips pan head screw	8
H	1/4-20 x 1-1/2" Phillips pan head screw	8
I	Tool track joiner bracket	1
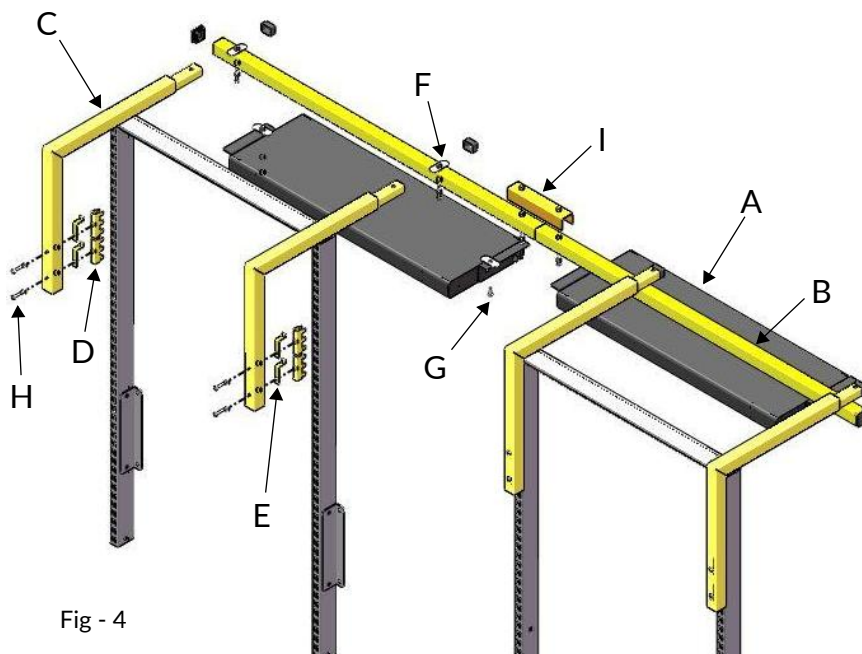
Fig - 4

Part #s
LED246496/LED2464P96

Item	Components	Qty
A	32" LED light housing	2
B	Tool track	2
C	Overhead "L" arms	4
D	"L" arm mounting bracket	8
E	"L" arm security clip	8
F	Oval PEM nut plate	8
G	1/4-20 x 3/4" Phillips pan head screw	10
H	1/4-20 x 1-1/2" Phillips pan head screw	8
I	Tool track joiner bracket	1

LED Overhead Light Assembly

1 Insert mounting clips in consecutive slots in the back of the upright
　　a) Insert the lower "L" arm mounting bracket (D) then a security clip (E) (Fig - 5.1)
　　b) Insert the upper "L" arm mounting bracket (D) and another security clip (E) (Fig - 5.3)
　　c) To ensure mounting clips are seated in the slots, drive down clips using a hammer

2 Mount overhead "L" arms (C) on to clips using the 1/4-20 x 1-1/2" phillips pan head screws (H) (Fig - 5.4)
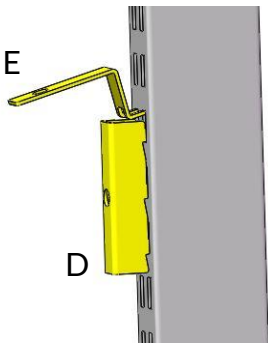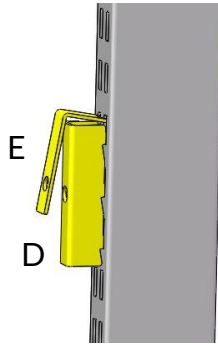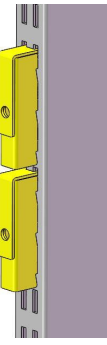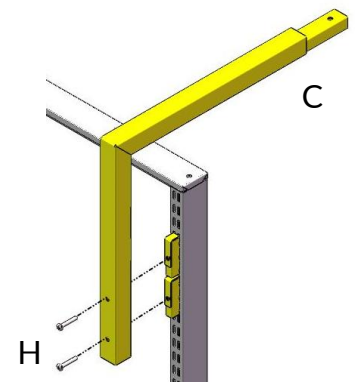
Fig - 5.1

Fig - 5.2

Fig - 5.3

Fig - 5.4

3 Loosely attach an oval PEM nut plate (F) to each side of the tool track using 1/4-20 x 3/4" phillips pan head screws (G) (Fig - 6.1). The screw must be inserted through the open slot side of the tool track (B).

4 Remove the end caps on the overhead "L" arms (C) then slide the tool track (B) on the "L" arms from the front (Fig - 6.2) and tighten the two screws to secure. Add end caps back onto the "L" arm.

5 To adjust the extension channel of the overhead "L" arm (C) loosen the factory installed screw (Fig - 6.3)
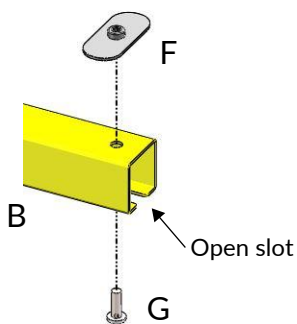
Open slot
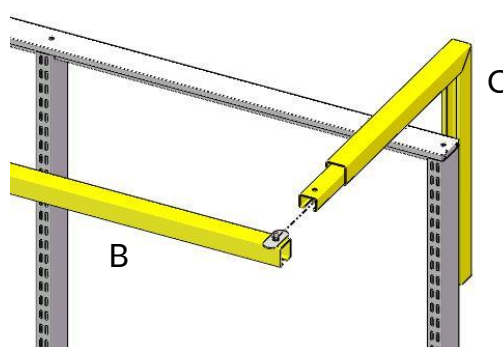
Fig - 6.1

Fig - 6.2

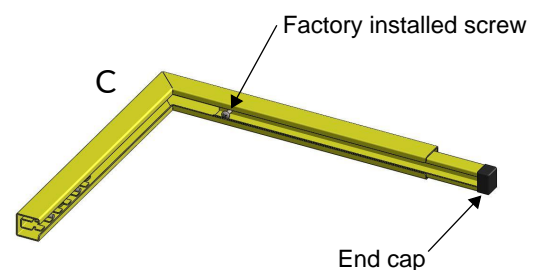Factory installed screw

End cap

Fig - 6.3

LED Overhead Light Assembly

6 Tool track joining assembly for 96" wide options
   a) Slide both tool tracks (B) onto "L" arms (C) (Fig - 6.2) so the extended ends face each other (Fig - 7)
   b) Join the two tracks (B) together with the joiner bracket (I) on top of the tracks (Fig - 7) using 1/4-20 x 3/4" phillips pan head screws (G). Tighten all screws on tool track
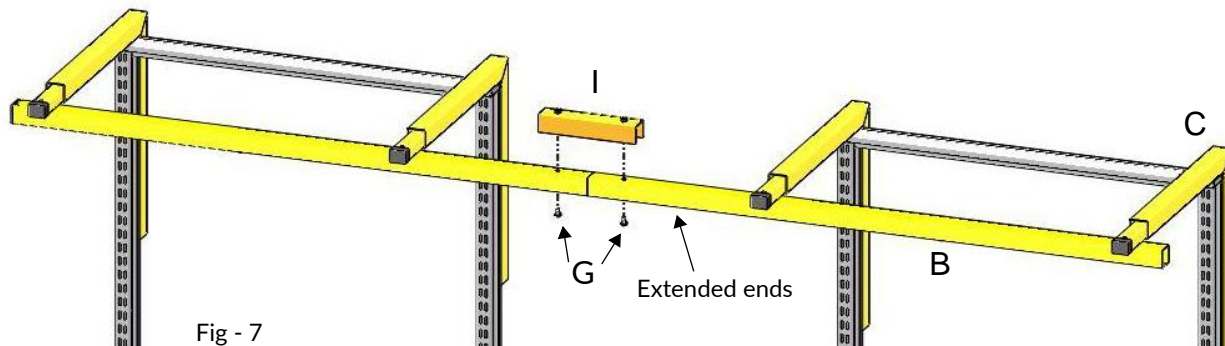

I

C

G

Extended ends

B

Fig - 7

7 LED light housing assembly (Fig - 8.1)
   a) Use #10-24 x 3/8" phillips pan head screws (K) with #12 flat washers (L) to attach mounting brackets (J) through center hole on each end of light housing (A)
   b) Insert adjustment knobs (M) with #12 flat washers (L) through slotted holes in each bracket into light ends

8 Loosely attach oval PEM nut plate (F) to top of each mounting bracket (B) using 1/4-20 x 3/4" phillips pan head screws (G) (Fig - 8.2)

9 Slide the light housing onto tool track (B) from end (Fig - 8.2) and tighten screws to secure. Insert tool track end caps.
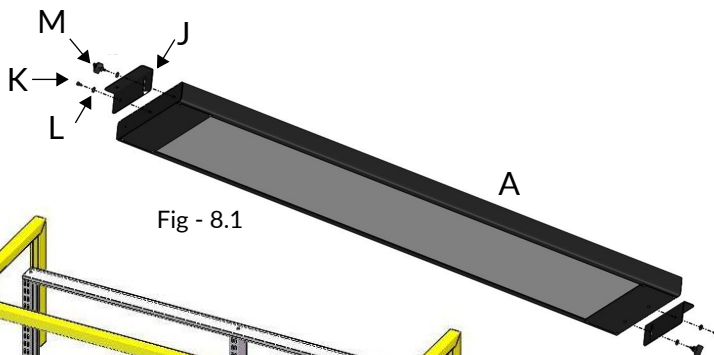

M
J
K
L
A
Fig - 8.1

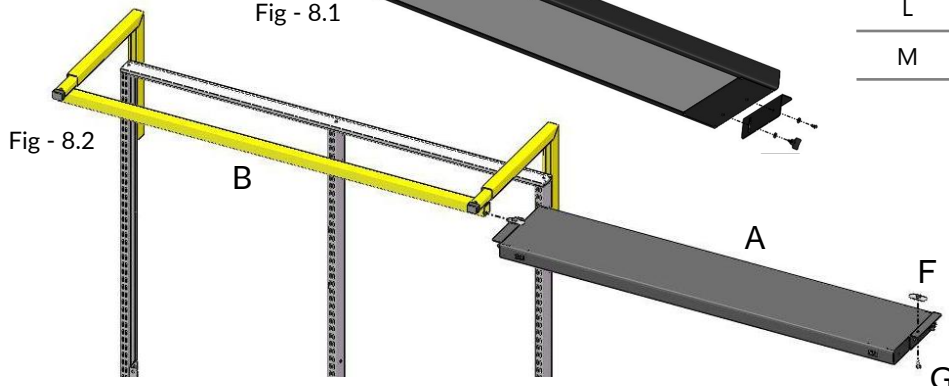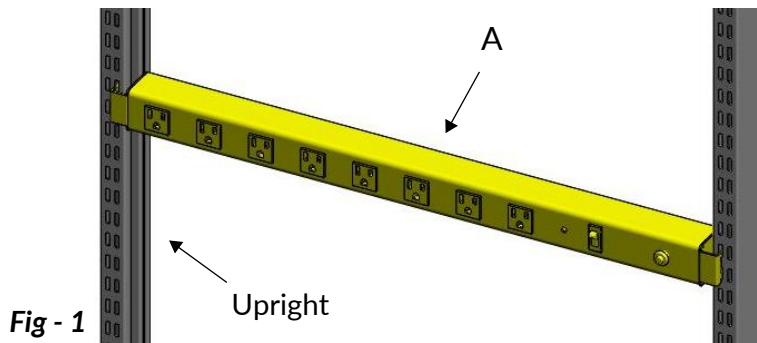Fig - 8.2
B
A
F
G

Item	Components	Qty
A	LED light housing	1
J	Light mounting brackets	2
K	#10-24 x 3/8" phillips pan head screw	2
L	#12 flat washer	2
M	Adjustment knob	4

8-Outlet Power Bar & Optional Accessory Assembly

Fig - 1

Upright

A

Part # - PBHM08 - 8 Outlet Power Bar

Item	Components	Qty
A	8-Outlet power bar	1

1 Insert power bar (A) into slotted uprights at desired position (Fig-1)
Power bar can be mounted on front or back of uprights

Fig - 2

Upright

C B C A
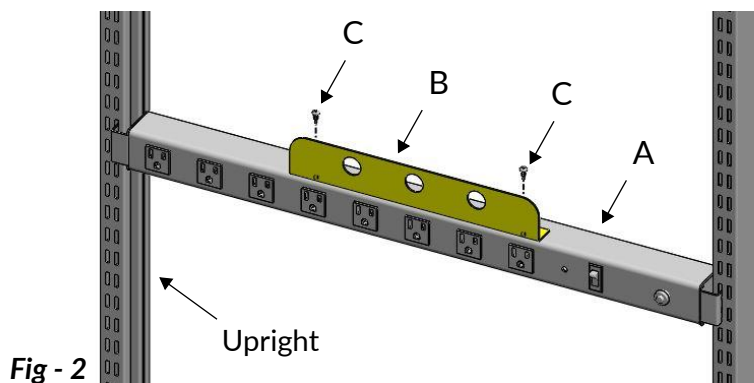
Part # - AIR - Air Outlet Mounting Plate

Tool List
Impact driver with #2 Phillips bit

Item	Components	Qty
B	Air outlet mounting plate	1
C	#8 x 1/2" Phillips self-drilling washer head screw	2

1 Place air outlet mounting plate (B) in desired position, above or below 8-outlet power bar (A)

2 Secure air outlet mounting plate (B) using #8 x 1/2" Phillips self-drilling washer head screw (C) (Fig-2)

8-Outlet Power Bar & Optional Accessory Assembly

Part # - HPBWM - Horizontal Power Bar Work Surface Mount

Fig - 3

28-7/16" inside measurement

Tool List
Impact driver with #2 Phillips bit
Drill with 5/64" drill bit

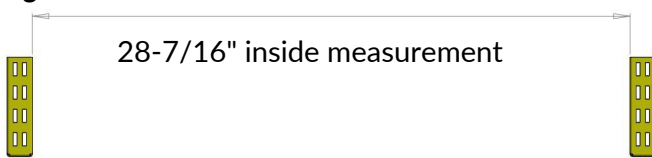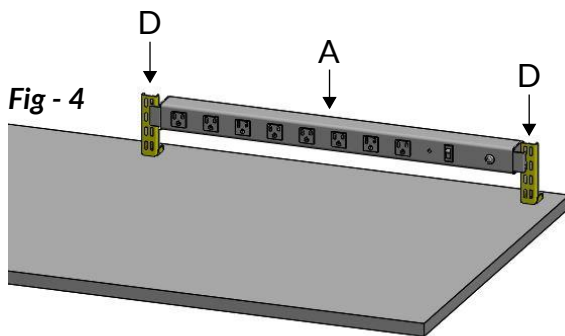| Item	Components*	Qty
D	Mounting brackets	2
E	#8 x 3/4" Phillips pan head sheet metal screw	4
F	#8 x 1" Phillips truss washer head self-drilling screw	4

*Extra hardware may be included

Fig - 4

D   A   D

Mounting on Work Surface (Fig-4)

1 Place one mounting bracket (D) in desired position on surface and mark through mounting holes for pre-drilling

2 Pre-drill with 5/64" drill bit and secure bracket (D) to surface with #8 x 3/4" Phillips pan head sheet metal screws (E)

3 Measure 28-7/16" between mounting brackets (D) (Fig-3) and repeat steps 1 and 2 to secure remaining bracket

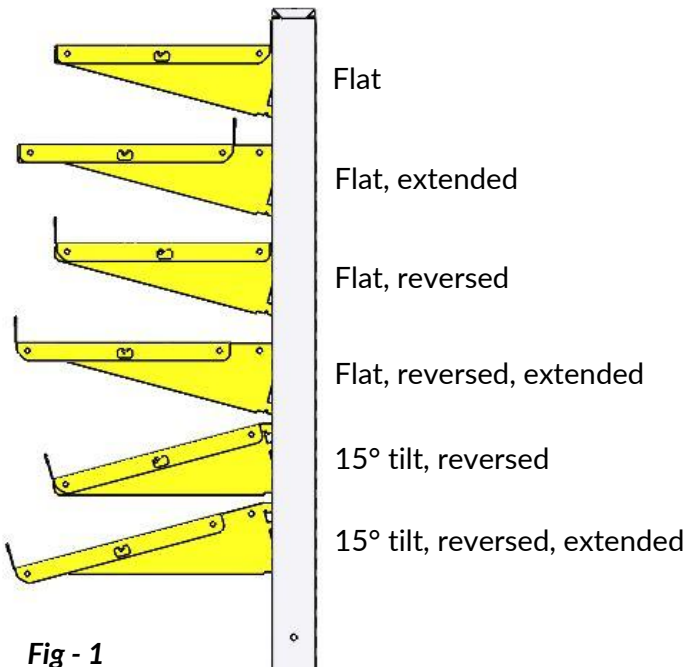*Mounting brackets can also be installed under the work surface*

Fig - 5
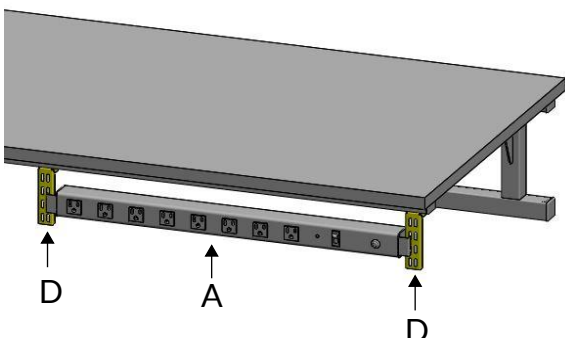
Mounting on Metal Deck Frame (Fig-5)

1 Place one mounting bracket (D) in desired position on steel deck frame and secure with #8 x 1" Phillips truss washer head self-drilling screws (F)

2 Measure 28-7/16" between mounting brackets (D) (Fig-3) and secure remaining bracket to steel deck frame with #8 x 1" Phillips truss washer head self-drilling screws (F)

D   A   D

BOSTONtec

B

Ergonomic Workstations

Steel Shelf Assembly

Flat

Flat, extended

Flat, reversed

Flat, reversed, extended

15° tilt, reversed

15° tilt, reversed, extended

Fig - 1

Item	Components	Qty
A	Shelf pan	1
B	Mounting brackets	2

The BOSTONtec steel shelf can be mounted in the uprights in multiple positions (Fig-1):

- Flat or 15° tilted surface
- Extended from the uprights
- Reversed with lip in the front stops objects from sliding off, such as storage bins (Fig-2)
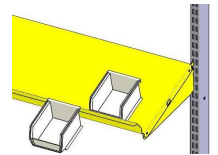

Fig - 2

1 Place shelf pan (A) on mounting brackets (B) (Fig-3) and ensure small positioning tab is inserted into slot of bracket (B) (Fig-4)

2 Select desired slots in uprights and insert brackets (B) of assembled shelf into uprights
    Flat mount - insert top two hooks (Fig-5)
    15° tilt mount - insert bottom two hooks (Fig-6)

3 Make sure tabs are secured down into slots of uprights

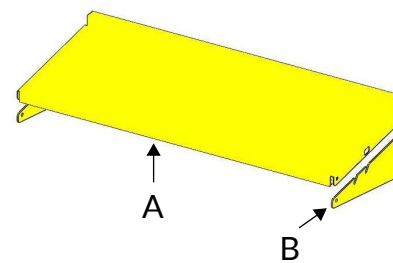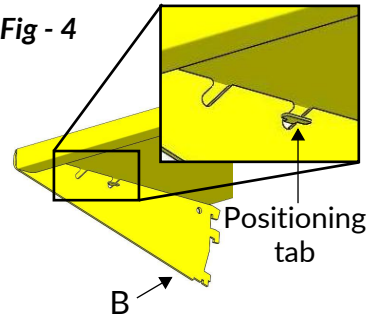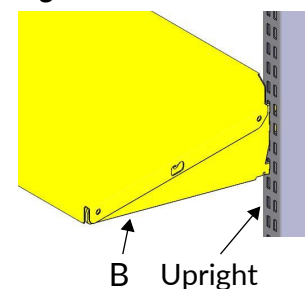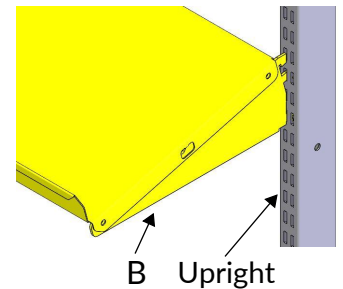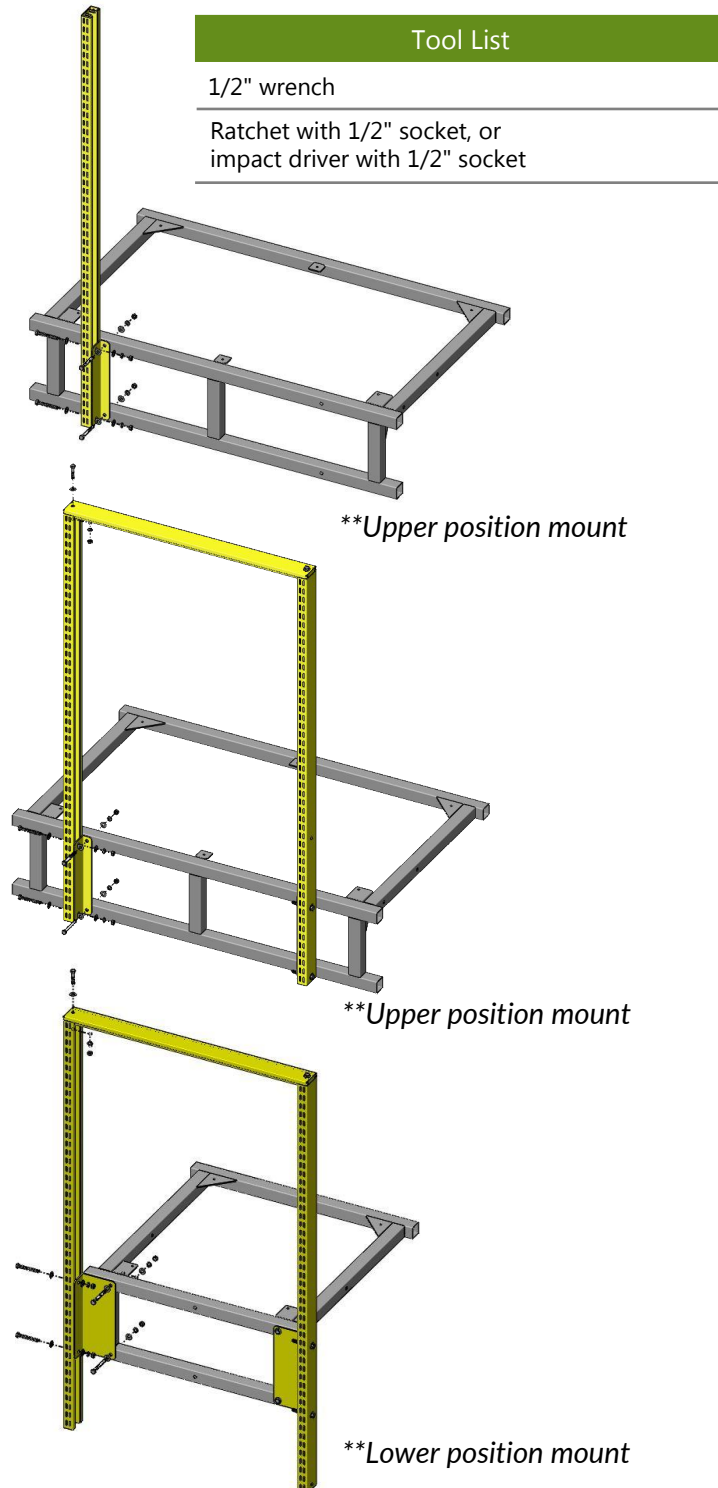*When installing or moving shelves, always grab by shelf brackets and shelf pan.* **Grabbing by only shelf pan may drop brackets.**

Fig - 3

A

B

Fig - 4

Positioning tab

B

Fig - 5

B Upright

Fig - 6

B Upright

Industrial Upright Assembly

Tool List
1/2" wrench
Ratchet with 1/2" socket, or impact driver with 1/2" socket

Upper position mount

Upper position mount

Lower position mount

Part # SUP53 - Single Slotted Upright

Item	Components*	Qty
A	53" Slotted upright	1
C	Upright mounting bracket	1
D	5/16-18 x 2 1/2" Hex head cap screw	4
F	5/16-18 Hex nut	4
G	5/16" Flat washer	8
H	5/16" Lock washer	4

Part # SBUP53 - Single Bay Slotted Uprights

Item	Components*	Qty
A	53" Slotted upright	2
B	30" Top cross bar	1
C	Upright mounting brackets	2
D	5/16-18 x 2 1/2" Hex head cap screw	8
E	5/16-18 x 1 1/2" Hex head cap screw	2
F	5/16-18 Hex nut	10
G	5/16" Flat washer	18
H	5/16" Lock washer	10

Part # SBUP53-30 - Single Bay Slotted Uprights for 30" Workstations

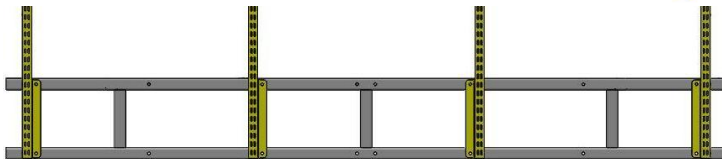| Item	Components*	Qty
A	53" Slotted upright	2
B	30" Top cross bar	1
C	Upright mounting brackets	2
D	5/16-18 x 2 1/2" Hex head cap screw	8
E	5/16-18 x 1 1/2" Hex head cap screw	2
F	5/16-18 Hex nut	10
G	5/16" Flat washer	18
H	5/16" Lock washer	10

*Extra hardware may be included

Industrial Upright Assembly
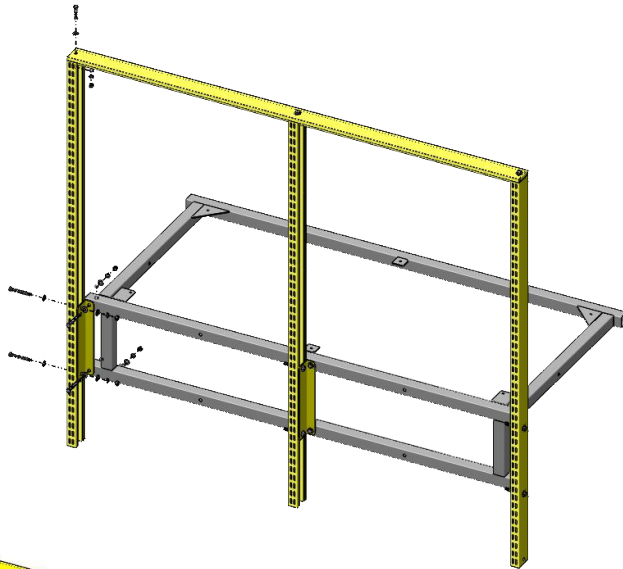
Lower position mount
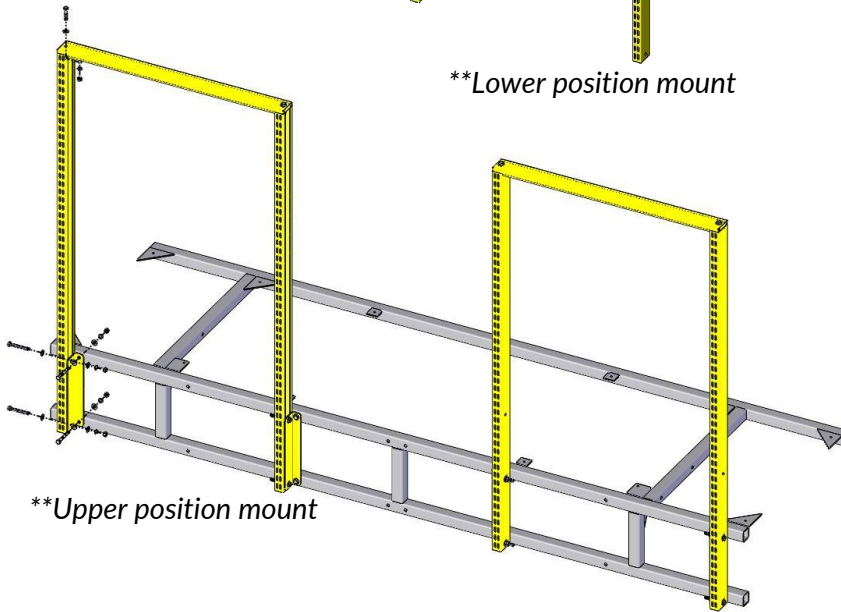
Upper position mount

TBUP53 bracket placement

Part # DBUP53 - Double Bay Slotted Uprights

Item	Components*	Qty
A	53" Slotted upright	3
B	60" Top cross bar	1
C	Upright mounting brackets	3
D	5/16-18 x 2 1/2" Hex head cap screw	12
E	5/16-18 x 1 1/2" Hex head cap screw	3
F	5/16-18 Hex nut	15
G	5/16" Flat washer	27
H	5/16" Lock washer	15

Part # TBUP53 - Triple Bay Slotted Uprights

Item	Components*	Qty
A	53" Slotted upright	4
B	30" Top cross bar	2
C	Upright mounting brackets	4
D	5/16-18 x 2 1/2" Hex head cap screw	16
E	5/16-18 x 1 1/2" Hex head cap screw	4
F	5/16-18 Hex nut	20
G	5/16" Flat washer	36
H	5/16" Lock washer	20

*Extra hardware may be included

1 Select the mounting holes on the rear deck frame as illustrated on page 4.
**All industrial uprights can mount 33" (lower position) or 42" (upper position) above work surface.

Industrial Upright Assembly

2 Mount the upright brackets (C) to rear of table using the 5/16-18 x 2 1/2" hex head cap screws (D), 5/16" flat washers (G), 5/16" lock washer (H) and 5/16-18 hex nuts (F) (Fig-1)
See Fig-2 and Fig-3 for mounting outer brackets on a 60"w technical workstation

Fig - 1

F H G

60"w Technical Workstation Only

A

C

C

G

D

F

H

G

Use existing bolts from rear support frame connection

G

D

Fig - 2

Fig - 3
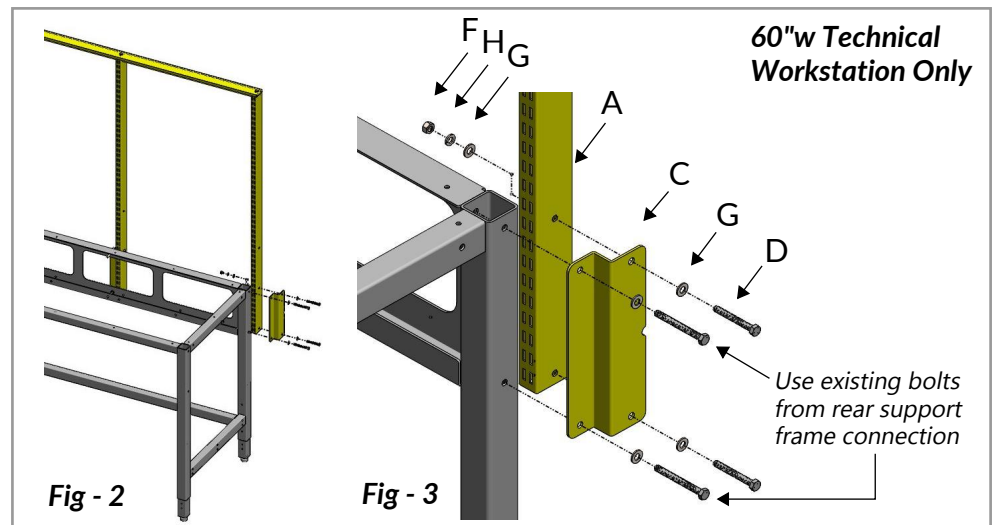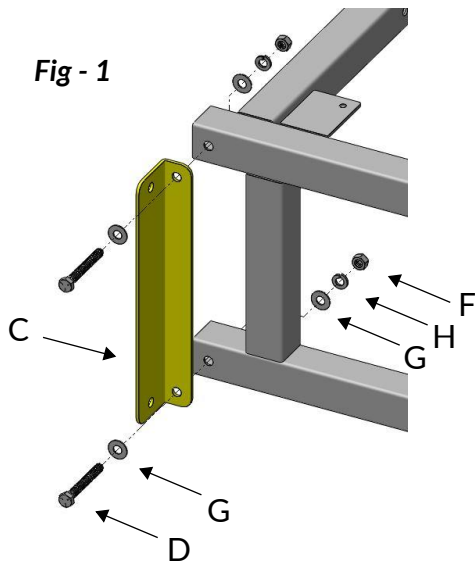
3 Position the uprights (A) with utility channel (Fig-4) facing the upright mounting brackets (C). Mount using the 5/16-18 x 2 1/2" hex head cap screws (D), 5/16" flat washers (G), 5/16" lock washers (H) and 5/16-18 hex nuts (F).
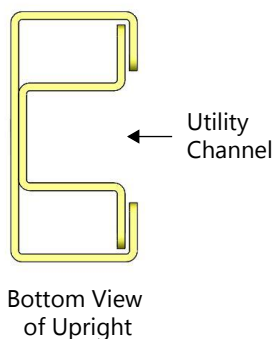*Utility channel does not face the outer brackets on a 60"w technical workstation (Fig-3)*

4 Mount the top cross bar (B) to the uprights (A) using the 5/16-18 x 1 1/2" hex head cap screw (E), 5/16" flat washers (G), 5/16" lock washer (H) and 5/16-18 hex nuts (F) (Fig-5)

Fig - 4

Utility Channel

Bottom View of Upright

Fig - 5

A

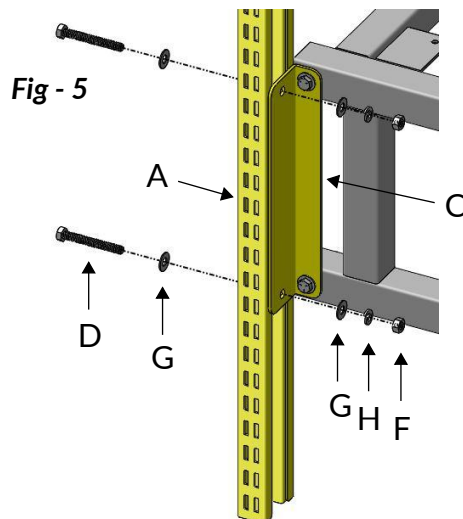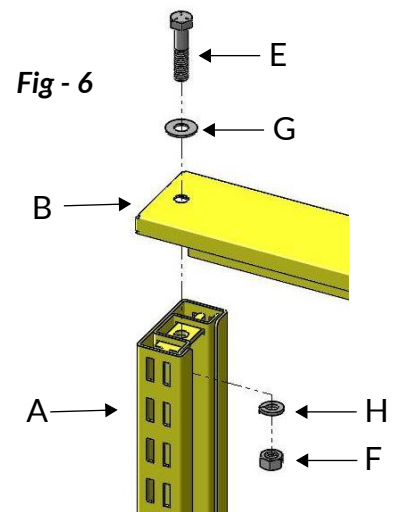*C*

D

G

G H F
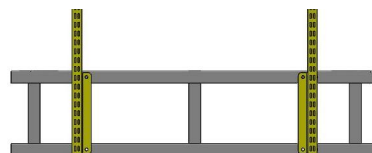
Fig - 6

E

G

B

A

H

F

Optional Upright Mounting Positions

Industrial workstations are pre-drilled on the rear deck frame for multiple upright mounting positions. These photos show mounting options and bracket placement on the back of workstation.
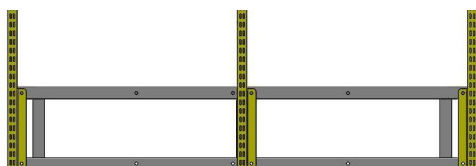
SBUP53 mounting position for 36"w and 48"w workstations. Uprights shown on 48"w workstation.
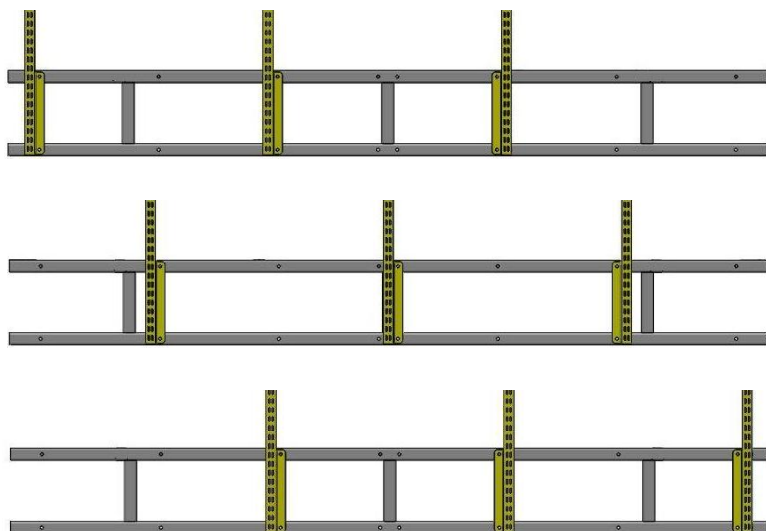

SBUP53 optional mounting positions for 60"w, 72"w and 84"w workstations. Uprights shown on 60"w workstation.
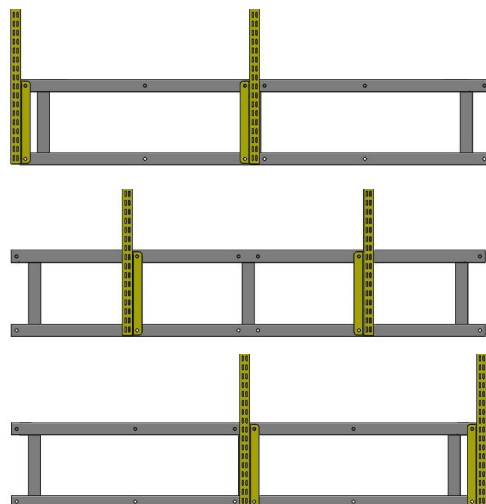
DBUP53 mounting position for 60"w, 72"w and 84"w workstations. Uprights shown on 60"w workstation.

DBUP53 optional mounting positions for 96"w workstation

SBUP53 optional mounting positions for 96"w workstation