# 

### **Tools Required**

- -Plastic Mallet
- -Phillips head screwdriver
- -Flat blade screwdriver
- 1. Assemble the **Front Stop** to the shelf, using the #10AB
- 1-3/4" phillips pan head thread forming screws provided.

See Figure 1.



The front stop must be installed on the Incline Shelving to prevent equipment from sliding forward and off the shelf. If your equipment can be safely secured to the shelf (Wright Line suggests using "Safety Fasteners"), hole plugs are provided in lieu of Front Stop assembly.

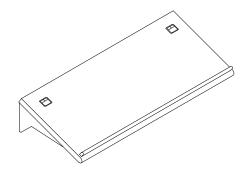
2. Determine the location of the shelf. Position the Shelf Supports as shown in Figure 2. Insert the hooks on the back of the supports into the slotted standard of the Full Frame and push down.

To assure the hooks are seated, tap the top rear corner with a plastic mallet or equivalent

### Note

Two shelf supports are required for 24", 30", 36" and 42" wide shelves.

Three shelf supports are required for 48" and 60" wide shelves.



**Incline Shelving** 

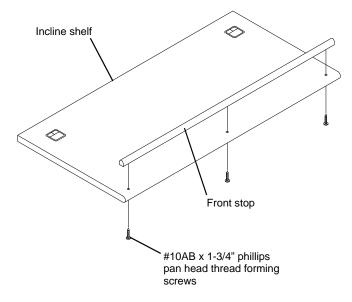
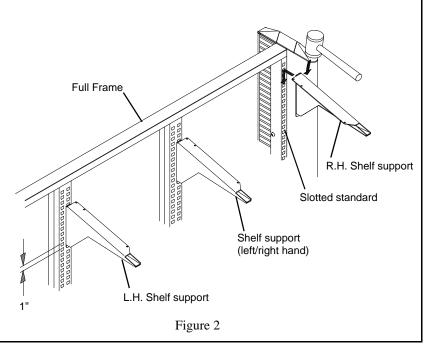


Figure 1



83121 I-1

## technical furniture | Linear Incline | Hook-on Shelves (cont.)

- 3. Align the pre-drilled holes in the bottom surface of the shelf with the holes in the left hand and right hand shelf supports. See Figure 3.
- 4. Fasten the shelf to the left /right hand shelf supports using the four #10AB x 5/8" long phillips head screws provided. See Figure 3.

**NOTE**: Only the *outer* left/right hand supports are attached to the shelf.

5. Lock the shelf supports in position with the #10-24 x 3/8" long phillips head screws provided. See **Figure 4**.

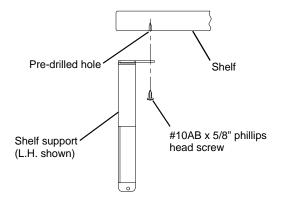
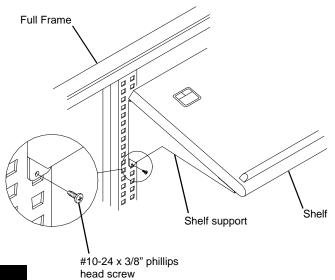


Figure 3



IVI (	Amium Shen Load	mg
Shelf Width	Number of Brackets	Load Capacity
24" -42"Shelves 610mm-1067mm	2	300 lbs 136 kg
48"-60" Shelves 1219mm-1524mm	3	500 lbs 227 kg
72" Shelves	4	750 lbs

Maximum Shelf Loading

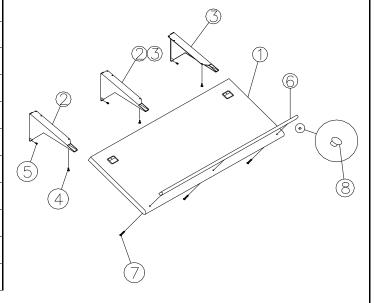
Figure 4

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## technical furniture Linear Incline Hook-on Shelves (cont.)

Pa	rts List		
Par	t Number	Description	Qty.
	3618X	Inclined Shelf, 18"x 24"	
	3619X	Inclined Shelf, 18"x 30"	
	3620X	Inclined Shelf, 18"x 36"	
	3622X	Inclined Shelf, 18"x 48"	
	3623X	Inclined Shelf, 18"x 60"	
	3624X	Inclined Shelf, 18"x 72"	
	3625X	Inclined Shelf, 24"x 24"	
	3626X	Inclined Shelf, 24"x 30"	
	3627X	Inclined Shelf, 24"x 36"	
	3629X	Inclined Shelf, 24"x 48"	
	3630X	Inclined Shelf, 24"x 60"	
1	3631X	Inclined Shelf, 24"x 72"	1
	4157X	Inclined Shelf, 18"x 24", ESD	
	4158X	Incline Shelf, 18"x 30", ESD	
	4159X	Incline Shelf, 18"x 36", ESD	
	4161X	Incline Shelf, 18"x 48", ESD	
	4162X	Incline Shelf, 18"x 60", ESD	
	4163X	Incline Shelf, 18"x 72", ESD	
	4164X	Incline Shelf, 24"x 24", ESD	
	4165X	Incline Shelf, 24"x 30", ESD	
	4166X	Incline Shelf, 24"x 36", ESD	
	4168X	Incline Shelf, 24"x 48", ESD	
	4169X	Incline Shelf, 24"x 60", ESD	
	4170X	Incline Shelf, 24"x 72", ESD	

Pa	rts List		
Part	Number	Description	
2	8158X	8"x 17" 15° Shelf Support - L.H.	1-2
3	8159X	8"x 17" 15° Shelf Support - R.H.	1-2
4	82287	#10AB x 5/8" Phillips Pan Head Thread Forming Screw	4
5	5 66714 #10-24 x 3/8" PhillipsPan Head Self Tapping Screw		2-4
	8970X	29" Front Stop	
	8971X	35" Front Stop	
6	8973X	47" Front Stop	1
	8974X	59" Front Stop	
	8975X	71" Front Stop	
7	85320	#10AB x 1.75" Phillips Pan Head Thread Forming Screw	
8	8 87034 Hole Plug		3-6



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# Corner Laminate Hook-on Shelves

### **Tools Required**

- -Plastic mallet
- -Phillips head screwdriver
- Determine the location of the Corner Laminate Hook-on Shelf. Position the Shelf Supports as shown in Figure 1. Insert the hooks on the back of the supports into the slotted standards and push down.



Ensure that the left hand and right hand supports are installed as shown.

To assure the hooks are seated, tap the top rear corner of the supports with a plastic mallet or equivalent.

- 2. Install the **Rear Supports**. Ensure that they are located at the same height as the right hand and left hand supports. See **Figure 1**.
- 3. With two people, lift and place the shelf on the shelf supports.

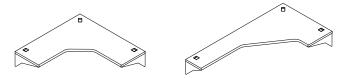
### Note

It will be necessary to lift the shelf at an angle to cear the uprights.

4. Fasten the shelf to the left hand and right hand supports using the four #10AB x 5/8" long screws provided. See **Figure2**.

### Maximum Shelf Loading

The maximum shelf loading is 300 lbs regardless of size.



Corner Laminate Shelves

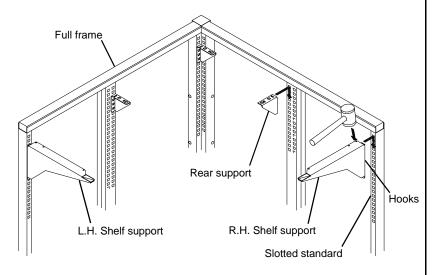


Figure 1

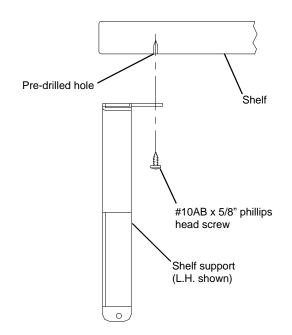
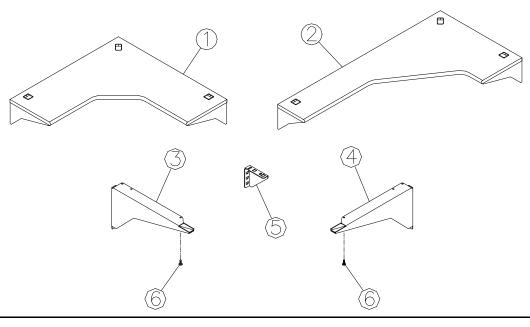


Figure 2

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## technical furniture Corner Laminate Hook-on Shelves (cont.)

Parts List				
Part	t Number	Description	Qty.	
	4028X	Corner Upper Shelf, 36"x 36" (18" Sides), "L"		
	3015X	Corner Upper Shelf, 48"x 48" (12" Sides)		
	3014X	Corner Upper Shelf, 48"x 48" (18" Sides), "L"		
	3013X	Corner Upper Shelf, 48"x 48" (18" Sides)		
1	3012X	Corner Upper Shelf, 48"x 48" (24" Sides), "L"	1	
	4040X	Corner Upper Shelf, 36"x 36" (18" Sides), "L", ESD	-	
	3835X	Corner Upper Shelf, 48"x 48" (12" Sides), ESD	-	
	3836X	Corner Upper Shelf, 48"x 48" (18" Sides), "L", ESD	-	
	3837X	Corner Upper Shelf, 48"x 48" (18" Sides), ESD		
	3838X	Corner Upper Shelf, 48"x 48" (24" Sides), "L", ESD	-	
	3839X	Integrated Upper Shelf, 36"x 72", L.H. ESD		
2	3840X	Integrated Upper Shelf, 72"x 36", R.H. ESD	1	
	3020X	Integrated Upper Shelf, 36"x 72", L.H.	-	
	3021X	Integrated Upper Shelf, 72"x 36", R.H.		
3	8154X 8" x 17" Shelf Support - L.H.		1	
4	8155X	8" x 17" Shelf Support - R.H.	1	
5	3125X	Rear Support	3	
6	82287	#10AB x 5/8" Phillips Pan Head Screw	4	



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# technical furniture Basic Plus Corner Laminate Shelf

### **Tools Required**

- -Plastic mallet
- -Phillips head screwdriver
- 1. Determine the location of the **Corner** Laminate Hook-on Shelf. Position the Shelf Supports as shown in Figure 1. Insert the hooks on the back of the supports into the slotted standards and push down.



Ensure that the left hand and right hand supports are installed as shown.

To assure the hooks are seated, tap the top rear corner of the supports with a plastic mallet or equivalent.

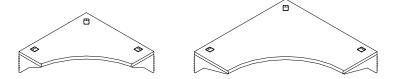
- 2. Install the **Rear Support**. Ensure that it is located at the same height as the right hand and left hand supports. See Figure 1.
- 3. With two people, lift and place the shelf on the shelf supports.

It will be necessary to lift the shelf at an angle to clear the uprights.

4. Fasten the shelf to the left hand and right hand supports using the four #10AB x 5/8" long screws provided. See Figure 2.

### Maximum Shelf Loading

The maximum shelf loading is 300 lbs regardless of size.



Corner Laminate Shelves

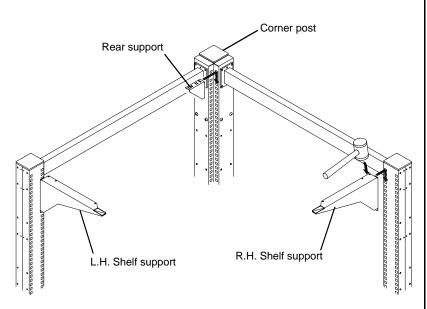


Figure 1

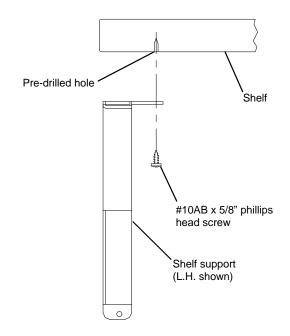


Figure 2

**BASICP** J-3

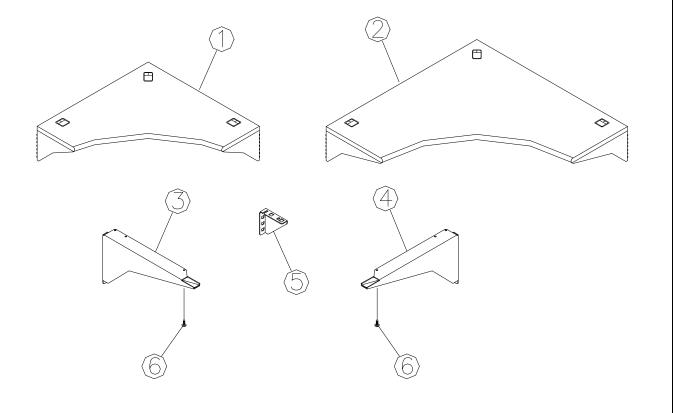
## Basic Plus Corner technical furniture Laminate Shelf (cont.)

Part Number   Description   Gamma   Gamma	
6173X 48"x 60" Corner Shelf (12" Sides), L.H. 6175X 48"x 60" Corner Shelf (12" Sides), R.H. 6165X 48"x 72" Corner Shelf (12" Sides), L.H. 6167X 48"x 60" Corner Shelf (12" Sides), R.H. 6157X 36"x 72" Corner Shelf (12" Sides), R.H. 6159X 36"x 72" Corner Shelf (12" Sides), R.H. 6182X 48"x 48" Corner Shelf (12" Sides), R.H. 6182X 48"x 48" Corner Shelf (12" Sides), L.H., ESD 6174X 48"x 60" Corner Shelf (12" Sides), L.H., ESD 6166X 48"x 72" Corner Shelf (12" Sides), L.H., ESD 6168X 48"x 72" Corner Shelf (12" Sides), R.H., ESD 6158X 36"x 72" Corner Shelf (12" Sides), L.H., ESD 6160X 36"x 72" Corner Shelf (12" Sides), L.H., ESD 7391X 30"x 30" Upper Shelf (12" Sides), ESD 6183X 48"x 48" Corner Shelf (12" Sides), ESD 6187X 48"x 60" Corner Shelf (18" Sides) 6177X 48"x 60" Corner Shelf (18" Sides), L.H. 6179X 48"x 72" Corner Shelf (18" Sides), L.H. 6169X 48"x 72" Corner Shelf (18" Sides), L.H. 6161X 36"x 72" Corner Shelf (18" Sides), R.H. 6161X 36"x 72" Corner Shelf (18" Sides), R.H.	Qty.
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6179X 48"x 60" Corner Shelf (18" Sides), R.H. 6169X 48"x 72" Corner Shelf (18" Sides), L.H. 6171X 48"x 72" Corner Shelf (18" Sides), R.H. 6161X 36"x 72" Corner Shelf (18" Sides), L.H. 2 6163X 36"x 72" Corner Shelf (18" Sides), R.H.	
6169X 48"x 72" Corner Shelf (18" Sides), L.H. 6171X 48"x 72" Corner Shelf (18" Sides), R.H. 6161X 36"x 72" Corner Shelf (18" Sides), L.H. 2 6163X 36"x 72" Corner Shelf (18" Sides), R.H.	
6171X 48"x 72" Corner Shelf (18" Sides), R.H. 6161X 36"x 72" Corner Shelf (18" Sides), L.H. 2 6163X 36"x 72" Corner Shelf (18" Sides), R.H.	
6161X 36"x 72" Corner Shelf (18" Sides), L.H.  2 6163X 36"x 72" Corner Shelf (18" Sides), R.H.	
2 6163X 36"x 72" Corner Shelf (18" Sides), R.H.	
6184X 48" x 48" Corner Shelf (18" Sides), ESD	1
6178X 48"x 60" Corner Shelf (18" Sides), L.H., ESD	
6180X 48"x 60" Corner Shelf (18" Sides), R.H., ESD	
6170X 48"x 72" Corner Shelf (18" Sides), L.H., ESD	
6172X 48"x 72" Corner Shelf (18" Sides), R.H., ESD	
6162X 36"x 72" Corner Shelf (18" Sides), L.H., ESD	
6164X 36"x 72" Corner Shelf (18" Sides), R.H., ESD	
7390X 30"x 30" Upper Shelf (18" Sides), ESD	

BASICP J-4

## technical furniture Basic Plus Corner Laminate Shelf (cont.)

Pa	Parts List			
Part Number		Description	Qty.	
3	8156X	8"x 11" Shelf Support - L.H.	1	
	8154X	8"x 17" Shelf Support - L.H.		
4	8157X	8"x 11" Shelf Support - R.H.	1	
	8155X	8"x 17" Shelf Support - R.H.		
5	3125X	Rear Support	3	
6	82287	#10AB x 5/8" Phillips Pan Head Screw	4	



BASICP J-5

### Rack Mount Module

### technical furniture

### **Tools Required**

- -Phillips head screwdriver
- -5/32" Allen wrench (provided)
- -Plastic mallet

### NOTE:

Two people are required for the assembly of the larger 61"(1549mm), 72"(1829mm) and 84" high (2134mm) **Rack Mount Modules**.

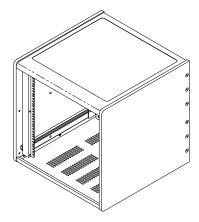
The **Side Panels** are pre-assembled at the factory with the Front Rails in the forward position. See **Figure 1**.

The **Front Rails** can be repositioned 6"(152mm) back from the front position if your hardware installation requires additional clearance behind an optional Plexiglass Door.

The position of the **Rear Rails** can be adjusted by loosening the 1/4"-20 Button head cap screws using the 5/32" Allen wrench (provided). Reposition the Rear Rails as required by sliding them along the Horizontal Rails. Re-tighten the 1/4" Button head cap screws to secure the Rear Rails in place.

The Rear Rails can be adjusted over a range of 6.76"(172mm) to 20.40"(518mm). See **Figure 2**.

After you have made any necessary rail location adjustments and determined the desired installation location of the Rack Mount Module on the Frame assembly, proceed as follows.



Rack Mount Module

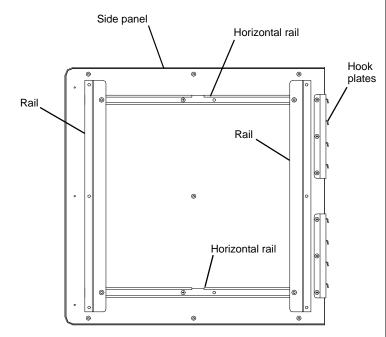


Figure 1
Side View of Side Panel

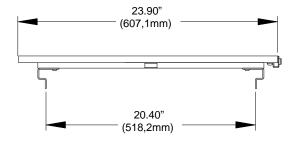


Figure 2

Top view of Side Panel

### INSTALLING THE SIDE PANELS

1. Position the Side Panel in the desired location . Insert the hooks in the Side Panel into the Slotted Standard and push down. To assure the hooks are seated, tap the rear corner with a plastic mallet or equivalent. See Figure 3.

### NOTE:

If you are installing a Side Panel with three or more Hook Plates, it may be necessary to loosen the three 1/4"-20 screws securing the Hook Plates to the Side Panel. This will allow the Hook Plates to be adjusted in or out to engage the slots. Re-tighten the Hook Plates securely after the Side Panel is installed.

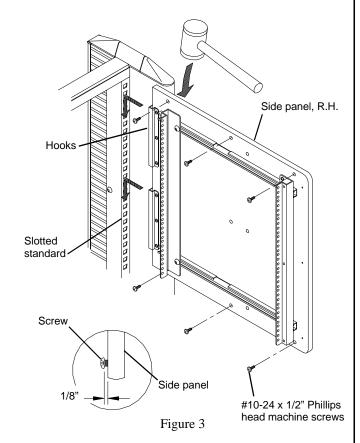
- 2. Install the opposite Side Panel. Make certain that both Side Panels are at the same level and firmly seated in the Slotted Standards.
- 3. Install six #10-24 x 1/2" Phillips head machine screws in each Side Panel. Install 3 screws at the top and 3 screws at the bottom of each panel. Leave approximately 1/8"(3mm) of thread exposed. See Figure 3.

### INSTALLING THE TOP/BOTTOM PANEL

19" Rack Mount Modules have two **Perforated Top** Panels with the 10" and 17" high units. They have one Cable Access Bottom and one Perforated Top Panel with heights 24" through 84". 24" Rack Mount Modules have one of each with all heights, 38" through 84".

Top/Bottom Panels are interchangeable. If the cables are to enter the Rack Modules from above or through the floor, use the Cable Access Panel accordingly. If the cables enter through the back, install the Cable Access Panel at the bottom. They can be changed at any time without dismantling the Rack Mount Module. See Figure 4.

**NOTE**: An optional **Fan Mount Top Panel** is available. See page O-5.



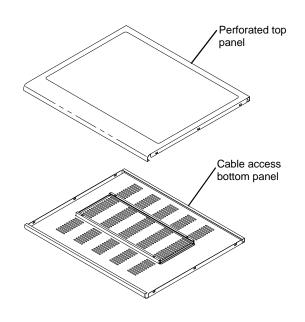


Figure 4 Top/Bottom panels

4. For larger amounts of cable, remove the 8" x 20" Center (four screws). Taped to the Top/Bottom panel are two 20" Edge Protectors. Put them on the now exposed edges. Store the 8" x 20" Center at the bottom of the module. See Figure 5.

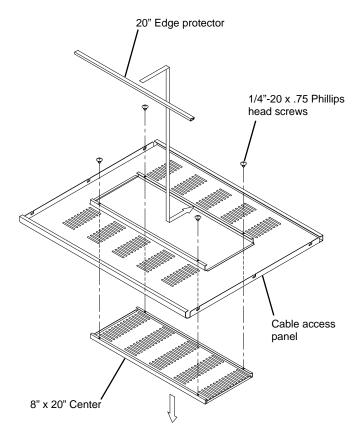
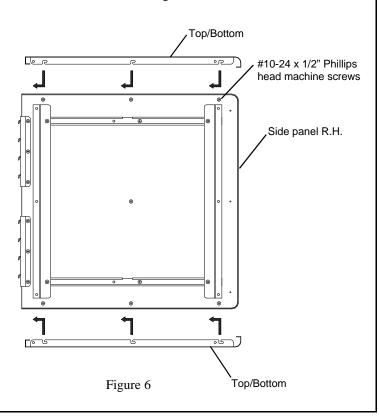


Figure 5

6. Install the Top onto the Side Panels by carefully positioning it over the three screws on each Side Panel. See Figure 6. Slide it back until the screws bottom out in the horizontal slots See Figure 6. Tighten the screws securely.

Repeat this procedure to install the Bottom onto the Side Panels. **NOTE**: The Top/Bottom Panel reverses at the bottom position (upside down). See Figure 5.



# Rack Mount Module (cont.)

7. #10-32 Clip Nuts and #10-32 x 1/2" Phillips head machine screws are included to allow easy installation of electronic equipment.

Install the Clip Nuts in the desired location (based on the electronic equipment being used) on the front and rear rails. See **Figure 7**.

Follow the instructions provided with the electronic equipment for specific equipment installation instructions.

If additional Clip Nuts are required, order the LB71-00 Clip Nut hardware kit.

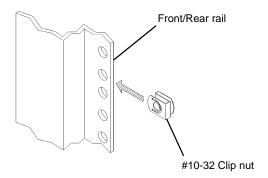


Figure 7

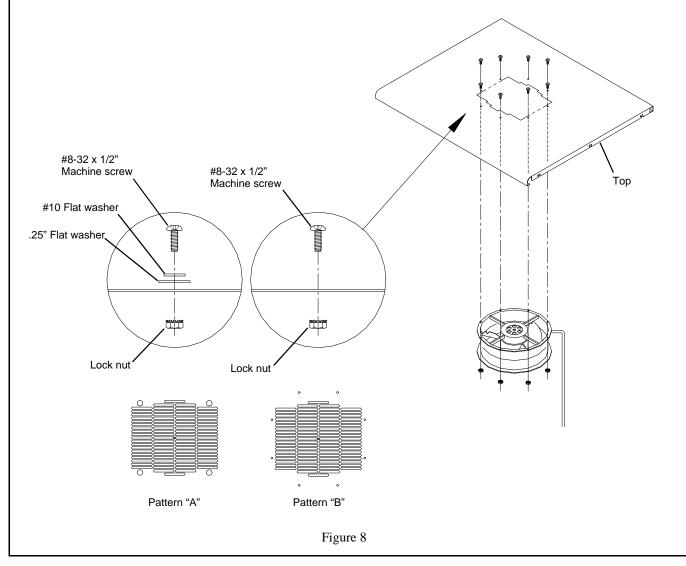
RACK MOUNT MODULE PANEL SPACE AND MAXIMUM LOADING					
Item No.	Description	Panel Space	Maximum Loading		
LB55-XX 10" Rack Mount Module  LB57-XX 17" Rack Mount Module		7.14"(181mm)	150#(68kg)		
		14.14"(359mm)	300#(136kg)		
LB59-XX	24" Rack Mount Module	21.14"(537mm)	300#(136kg)		
LB61-XX	38" Rack Mount Module	35.14"(893mm)	400#(182kg)		
LB63-XX	61" Rack Mount Module	56.14"(1426mm)	600#(273kg)		
LB65-XX	72" Rack Mount Module	66.64"(1693mm)	800#(364kg)		
LB67-XX	84" Rack Mount Module	78.90"(2004mm)	800#(364kg)		

### ASSEMBLING THE OPTIONAL EXHAUST FAN

Packaged with the Fan Kit is the required hardware for attachment.

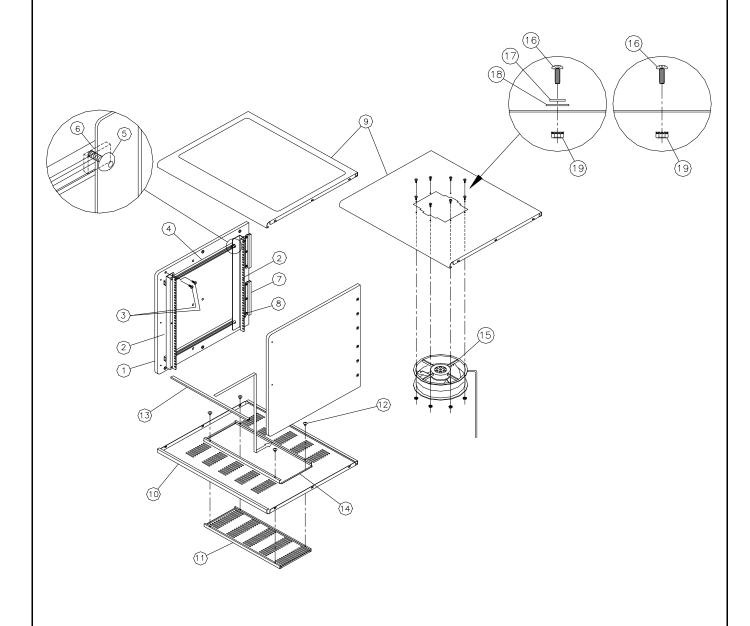
**NOTE**: The Top Panels have two screw hole patterns. Those shipped through the first quarter of 1996 will have pattern "A". Those shipped after will have pattern "B". See Figure 8.

- 1. Place the Fan (side without guard) on the inside of the Top Panel and align it with the eight holes. Position the Fan so that the cord connection is toward the rear.
- 2. With the screw head on the outside, attach one screw and nut (finger tight) to opposite sides. Start the remaining six screws. Place the ground wire (green with terminal end) onto the nearest screw before the nut. Tighten all screws. See Figure 8.



Pa	rts List		
Part	Number	Description	Qty.
	2716X	10" End Panel, 19" Rack Mount Module	
	2717X	17" End Panel, 19" Rack Mount Module	
	2718X	24" End Panel, 19" Rack Mount Module	
1	5198X	38" End Panel, 19" Rack Mount Module	2
	3075X	59" End Panel, 19" Rack Mount Module	
	3077X	70" End Panel, 19" Rack Mount Module	
	3079X	82" End Panel, 19" Rack Mount Module	
	2768X	7.3" Rail, 19" Rack Mount Module	
	2769X	14.3" Rail, 19" Rack Mount Module	
	2770X	21.3" Rail, 19" Rack Mount Module	
2	2732X	35.3" Rail, 19" Rack Mount Module	4
	2733X	56.3" Rail, 19" Rack Mount Module	
	2734X	66.8" Rail, 19" Rack Mount Module	
	2735X	79.05" Rail, 19" Rack Mount Module	
3	55617	#10-24 x 1/2" Phillips Pan Head Machine Screw	24-44
4	6914X	20.8" Horizontal Rail	4-8
5	68681	1/4"-20 x 3/8" Button Head Cap Screw	4-8
6	82088	1/4" Clamp Nut	4-8
	1708X	Hook Plate, L.H. (used on LB57, LB61, LB63, LB65, LB67)	1-4
7	1709X	Hook Plate, R.H. (used on LB57, LB61, LB63, LB65, LB67)	1-4
	2408X	Hook Plate, L.H. (used on LB55, LB59)	1-2
	2409X	Hook Plate, R.H. (used on LB55, LB59)	1-2
8	53956	1/4"-20 x .75" Phillips Pan Head Machine Screw	5-24

Parts List			
Part	Number	Description	Qty.
9	7846X	Perforated Top, 19" Rack Mount Module	1
+	7750X	Top w/ Fan, 19" Rack Mount Module	
10	7848X	Bottom, Cable Access, 19" Rack Mount Module	1
11	7106X	8" x 20" Center	1
12	66249	#8AB x .38" Pan Head Thread Forming Screw	4
13	82241	Fabric Clip, 20" Long	2
14	83340	Fabric Clip, 8.25" Long	2
15	84010	Fan (optional)	1
16	83840	#8-32 x 1/2" Machine Screws	8
17	54225	#10 Flat Washer	4
18	18959	.25" Flat Washer	4
19	18244	#8-32 Hex Lock Nut	8



## technical furniture | Rack Mount Module | Front Support | (cont.)

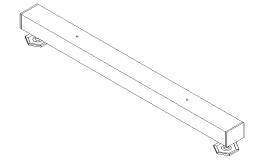
### INSTALLING THE FRONT SUPPORT

A **Front Support** is provided with all 84" Rack Mount Modules to support the front of the Side Panels when the unit is loaded with heavy components.

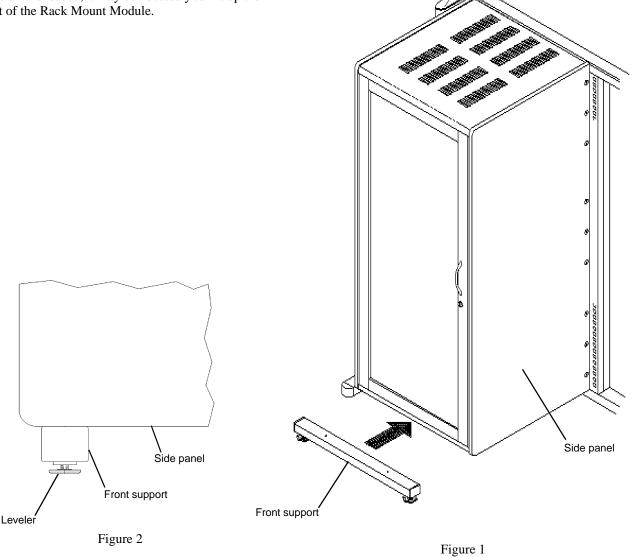
The Front Support should be installed after the unit has been leveled and the door has been installed.

- 1. Position the Front Support in front of the Rack Mount Module, centering it side to side, and slide it under the front of the Side Panels. See Figure 1.
- 2. Adjust the levelers on the Front Support as required. See Figure 2.

If the unit is loaded, it may be necessary to lift up the front of the Rack Mount Module.

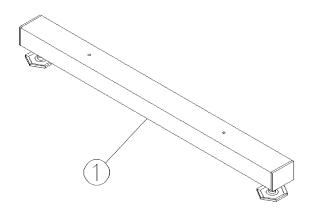


Front Support



# technical furniture Front Support (cont.)

Parts List				
Part	t Number	Description	Qty.	
1	7244X	Front Support, 24" Rack Module	1	
	3206X	Front Support, X-Deep LAN Locker		



# Rack Mount Module Plexiglass Door

### **Tools Required**

-Phillips head screwdriver

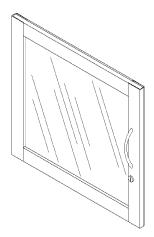
**NOTE**: Instructions show assembly of a Left Door Swing module.

The Rack Module must be installed and leveled on the Full Frame prior to installation of the **Pexiglass Door**.

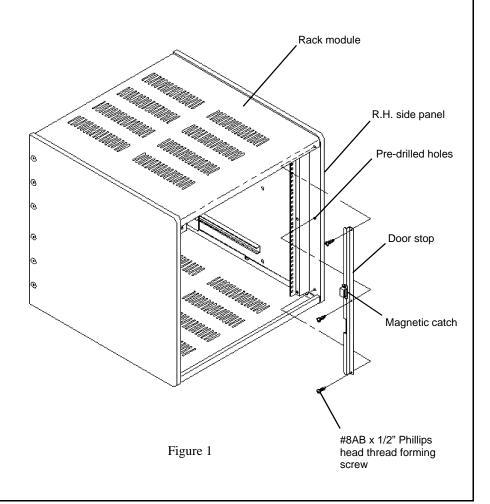
Two people are required for the installation of the Door onto the Lan Locker ll enclosure.

After installation, clean the Plexiglass door panel with water and mild detergent. Use a soft cloth and avoid abrasives and cleaning solvents.

1. Install the **Door Stop** onto the Right Hand Side Panel using the #8AB x .50 Phillips head screws. The Side Panel is pre-drilled to accept the screws. See **Figure 1**.



Rack Module Door



2. With one person holding the Door, align the holes in the Hinge with the pre-drilled holes in Left Hand Side Panel. Fasten the door to the Side Panel using the #8 AB x .50 Phillips head screws. See Figure 2.

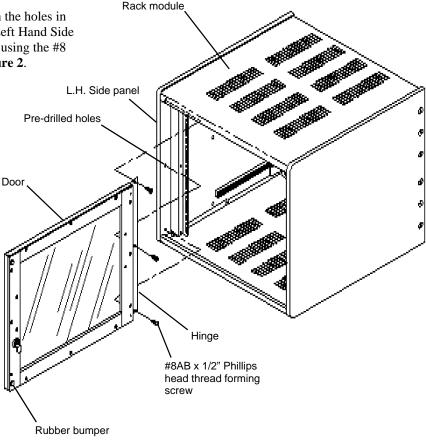


Figure 2

3. If necessary, adjust the **Magnetic Catch(s)** (which are mounted on the Door Stop) so that it contacts the Door with the Rubber bumpers on the Door.

NOTE: The 56", 66", and 79" high doors are each provided with three catches to provide additional door retention.

If the retention is found to be too great, one or more of the catches can be moved away from the door face or removed.

The Magnetic Catch(s) can be moved in or out by loosening the two #4-40 Machine screws. Re-position the Catch(s) to the desired location and tighten the screws securely. See Figure 3.

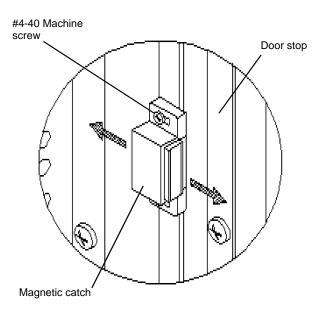


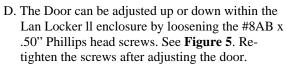
Figure 3

### DOOR ALIGNMENT ADJUSTMENT IF **NECESSARY**

If the Door is mis-aligned within the Lan Locker ll enclosure with an uneven space between the Door and the Top and Bottom as shown in Figure 4, one or more of the following adjustments must be made.

- A. Check the Full Frame and the Lan Locker ll enclosure to ensure that they are level. Adjust as required.
- B. Ensure that both Side Panels are fully seated in the slotted standards. Use a plastic mallet to tap the Side Panels downward.
- C. If one Side Panel remains remains higher than the other, loosen all of the 1/4"-20 x .75" Phillips head machine screws which fasten the hook plates to the Side Panels. See **Figure 5**.

Tap the top of the Side Panel with a plastic mallet to adjust it and then re-tighten the 1/4"-20 screws. Adjust the opposite Side Panel in the same manner if necessary.



1. Remove the protective liner paper from both sides of the Plexiglass door panel.

If static build-up causes a problem with the attraction of dust particles, it is recommended that the following or similar anti-static cleaner and polisher be used. Wright Line recommends:

### KLEENMASTER BRILLIANIZE

Chemical Products Co. Inc. Omaha, Nebraska

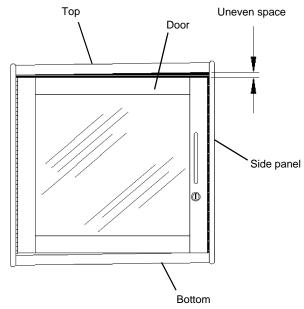


Figure 4

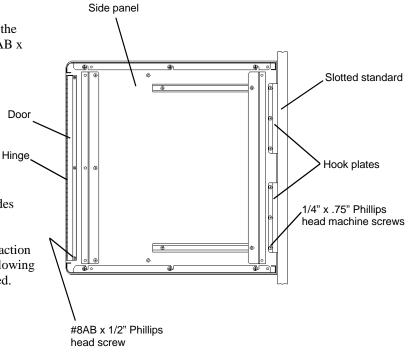


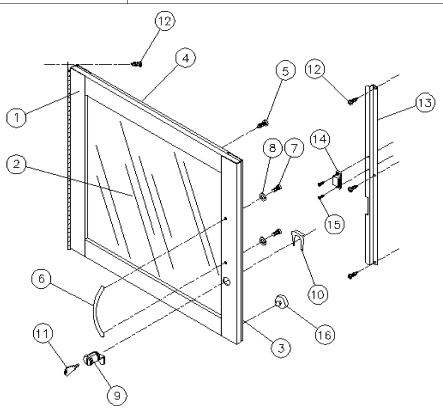
Figure 5

Pa	arts List		
(L.	Part Number Hinge/R. Hinge)	Description	Qty.
	2774X/	7" Door Weldment, 19" Rack Mount Module	
	2751X/	14" Door Weldment, 19" Rack Mount Module	
	2752X/3684X	21" Door Weldment, 19" Rack Mount Module	
1	2753X/3685X	35" Door Weldment, 19" Rack Mount Module	1
	2754X/3686X	56" Door Weldment, 19" Rack Mount Module	
	2755X/3687X	66" Door Weldment, 19" Rack Mount Module	
	2756X/3688X	79" Door Weldment, 19" Rack Mount Module	
	82104	5.10" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82062	12.10" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82063	19.10" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82064	33.10" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82065	54.10" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82066	64.60" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82067	76.86" x 20.50" Acrylic Panel, Dark Tint Bronze	
	82257	5.10" x 20.50" Acrylic Panel, Light Tint Bronze	
	82258	12.10" x 20.50" Acrylic Panel, Light Tint Bronze	
2	82259	19.10" x 20.50" Acrylic Panel, Light Tint Bronze	1
	82260	33.10" x 20.50" Acrylic Panel, Light Tint Bronze	
	82261	54.10 x 20.50" Acrylic Panel, Light Tint Bronze	
	82262	64.60" x 20.50" Acrylic Panel, Light Tint Bronze	
	82263	76.86" x 20.50" Acrylic Panel, Light Tint Bronze	
	86731	5.12" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	
	86727	12.12" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	
	86723	19.12" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	
	86719	33.12" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	
	86715	54.12" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	
	86711	64.62" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	

## Rack Mount Module technical furniture Plexiglass Door (cont.)

Pa	rts List			
(L.	Part Nu: Hinge/R. Hinge)	mber	Description	Qty.
	86707 76		76.88" x 14.32" Acrylic Panel, Dark Tint Bronze, Ventilated Door	
	86	729	5.12" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	
	86	725	12.12" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	
2	86721		19.12" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	1
	86717		33.12" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	
	86	713	54.12" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	
	86	709	64.62" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	
	86	719	76.88" x 14.32" Acrylic Panel, Light Tint Bronze, Ventilated Door	
	82178 L. Hinge	~	7" Rear Vertical Trim	
	2757X L. Hinge	~	14" Rear Vertical Trim	
	2758X L. Hinge	3678X R. Hinge	21" Rear Vertical Trim	
	2759X L. Hinge 3677X R. Hinge 2760X L. Hinge 3676X R. Hinge		35" Rear Vertical Trim	
			56" Rear Vertical Trim	
	2761X L. Hinge	3675X R. Hinge	66" Rear Vertical Trim	
3	2762X L. Hinge	3674X R. Hinge	79" Rear Vertical Trim	2
	7801X L. Hinge	~	7" Rear Vertical Trim	
	7800X L. Hinge	~	14" Rear Vertical Trim	
	7799X L./R. Hinge		21" Rear Vertical Trim	
	7798X L./R. Hinge		35" Rear Vertical Trim	
	7797X L	./R. Hinge	56" Rear Vertical Trim	
	7796X L/R. Hinge		66" Rear Vertical Trim	
	7795X L./R. Hinge		79" Rear Vertical Trim	
4	2763X		Rear Horizontal Trim	2
	7372X		Rear Horizontal Trim, Ventilated Door	
5	68374		#8AB x .50 Phillips Head Thread Forming Screw	10-18
6	81911		Handle (Except on 7" Door, use Handle #82177)	1
7	82	061	4mm x 25mm Phillips Head Screw	2
8	18	977	Lock Washer	2

Pa	rts List			
(L.	Part Nu Hinge/R. Hinge)	mber	Description	Qty.
9	82	069	Lock Assembly	1
10	60	297	#3 Spring Clip, Lock	1
11	80	805	#150000 Keys	2
12	68	374	#8AB x .50 Phillips Pan Head Screw	6-14
	2778X L. Hinge	~	7" Door Stop	
	2779X L. Hinge	~	14" Door Stop	
	2780X L. Hinge	3672X R. Hinge	21" Door Stop	
13	2781X L. Hinge	3671X R. Hinge	35" Door Stop	1
	2782X L. Hinge	3670X R. Hinge	56" Door Stop	
	2783X L. Hinge	3669X R. Hinge	66" Door Stop	
	2784X L. Hinge	3668X R. Hinge	79" Door Stop	
14	82	118	Magnetic Catch	1
15	82119		#4-40 x .37 Phillips Pan Head Machine Screw	2
16	21034		Rubber Bumper	2



### Rack Mount Rear Service Doors

**NOTE**: **Rear Service Doors** are available in five heights (24", 38", 61", 72", and 84") and in the two Full Frame Module widths (24" and 30"). The Doors are designed to attach to the rear of the "Full Frame". All Doors have left hand mounted "lift-off" hinges which allow the removal of the Door Panel for total service access. The Frame of the Rear Service Door has openings for the passage of cables into the Full Frame Cable Management channels or into an adjacent Rear Service Door.

### **Tools Required**:

- -Plastic mallet
- -Phillips head screwdriver

### DOOR INSTALLATION

1. Carefully remove the LAN Locker Rear Service Door assembly from its packaging. Lay the assembly face down on a protective surface.

For shipping purposes, the **Door Panel** is secured to the **Door Frame** with two #10 Phillips head screws. The screws are located on the Latch side of the Door, one near the top and one near the bottom. Remove and discard the two screws. See **Figure 1**.

2. For the three tallest Rear Service Doors (84", 72", and 61" high) it is recommended that the Door Panel be removed from the Frame before further assembly. This will reduce the total weight of the unit and make it easier to assemble to the Full Frame Slotted Uprights. The Door Panel may be left attached to the smaller 34" and 24" high units.

To remove the Door Panel, first carefully turn the entire Door assembly over so that it lays on its back. Depress the **Latch** release button and open the Door approximately 90 degrees. To disengage the Door hinges, carefully slide the Door towards the top of the Frame. The hinges will slip apart so that the Door may be set aside. See **Figure 2**.

3. The three tallest Rear Service Doors, 84", 72", and 61" are designed to attach to corresponding Full Frame heights and will cover the entire height of the Frame when installed.

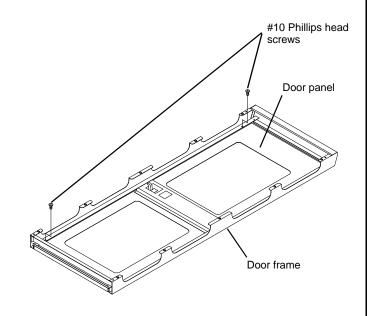
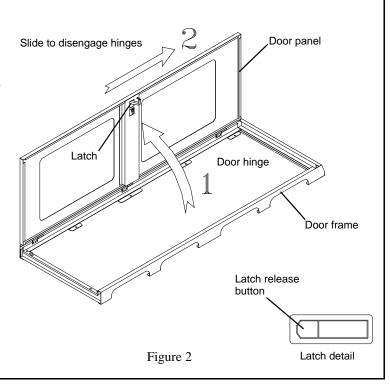


Figure 1
Rear Service Door Assembly



# Rack Mount Rear Service Doors (cont.)

### **DOOR INSTALLATION (cont.)**

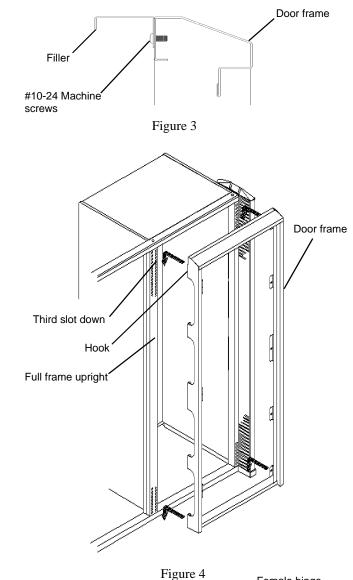
However, the two shorter units, 38" and 24" high, may be assembled in any position along the height of the Full Frame. The shorter Rear Service Doors must be installed so that the top of the Door Frame is even with the top of the LAN Locker which has been previously assembled. Depending on the location, there may be an open space left at the top and/ or bottom of the Full Frame between the Frame and the back of the Lan Locker. Two **Fillers** are supplied with each 38" and 24" high Rear Service Door to finish off the open space(s). Attach each Filler to the Door Frame with two #10-24 x 3/8" Phillips head thread forming screws. See **Figure 3**.

4. Lift the Door Frame up and engage the hooks on the back of the Frame into the Full Frame Slotted Uprights. For the 84", 72", and 61" high "full height" Service Doors the top hooks should engage the third slot down from the top of each Upright. This will align the top of the Door Frame with the top of the Full Frame trim. For 38" and 24" high Service Doors, position the Door Frame so that the top of the Frame is even with the top of the LAN Locker which has been previously installed. See **Figure 4**.

Ensure that all of the Door Frame hooks are engaged into the Upright slots. If neecessary, use a plastic mallet to tap the Door Frame downward to seat the hooks into the slots. Caution! Use of excessive force may cause damage.

- 5. Insert a long screwdriver through the access holes in the Door Frame and bend the two **Retaining Tabs** (one on each Door Frame Upright) into the adjacent open slot. Push the tabs in approximately 1/16". See **Figure 5.**
- 6. To replace the Door Panel, position the Door with its three female hinges oriented directly over the male hinge pins on the Door Frame. Lower the Door Panel making sure that all three female Door hinges properly engage the male hinge pins. See **Fugure 6**.

Please note: The Latch on the Rear Service Doors is adjustable and pre-set at the factory for proper operation. However, if minor adjustments are required, do so by first loosening the "jam" nut on the Latch adjusting screw and then making the necessary adjustments. Remember to re-tighten the "jam" nut to maintain the setting.



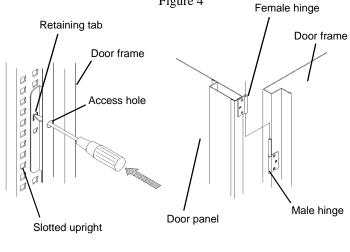
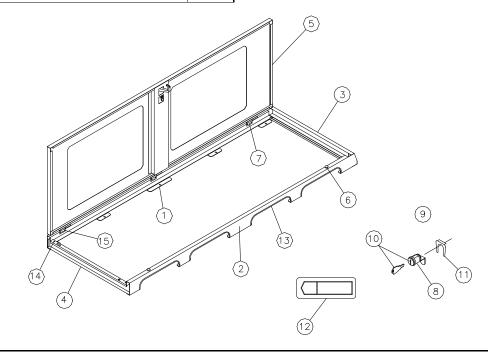


Figure 5 Figure 6

## technical furniture Rear Service Doors (cont.)

Pa	rts List		
Part	t Number	Description	Qt
	3218X	Frame Side - L.H., 24" High	
	3216X	Frame Side - L.H., 38" High	
1	3214X	Frame Side - L.H., 61" High	
	3212X	Frame Side - L.H., 72" High	
	3174X	Frame Side - L.H., 84" High	
	3219X	Frame Side - R.H., 24" High	
	3217X	Frame Side - R.H., 38" High	
2	3215X	Frame Side - R.H., 61" High	
	3213X	Frame Side - R.H., 72" High	1
	3175X	Frame Side - R.H., 84" High	
3	3176X	Frame Top - 30" Wide	
4	3177X	Frame Bottom - 30" Wide	
	3229X	Door Panel - 30" Wide x 24" High	
	3227X	Door Panel - 30" Wide x 38" High	
5	3225X	Door Panel - 30" Wide x 61" High	
	3223X	Door Panel - 30" Wide x 72" High	
	3178X	Door Panel - 30" Wide x 84" High	

Pa	Parts List		
Part	Number	Description	Qty.
6	21034	Rubber Bumper	Varies
7	82462	Hinge	Varies
8	81910	Lock	
9	82494	Lock Cam	
10	62046	Lock Core & Keys	1
11	60297	Spring Clip	
12	82495	Door Latch	
13	82538	Edge Protector	Varies
14	54348	1/4"-20 x 1/2" Hex Washer Head Screw	4
15	82215	#8AB x 3/4" Phillips Flat Head Screw	Varies



### Rack Mount Shelf

### technical furniture

### **Tools Required**

- -11/32" Combination wrench
- -3/8" Combination wrench
- -Flat blade screwdriver
- -Phillips head screwdriver
- -Tape measure

NOTE: These instructions cover installation of the **Stationary Shelf**, and **Roll-out Shelf**.



Rack Mount Roll-Out Shelf

### **CLIP NUT INSTALLATION**

**Clip Nuts** (included with Rack Module) provide mounting points on 19" and 24" rack mount equipment rails.

Clip Nuts have a front or screw side. Consider which way it should face for ease of access to the screw head during component installation. See **Figure 1**.

To remove a Clip Nut from a rail, insert a flat blade screwdriver or knife under the tab on the front and pry up, freeing the retaining ring from the rail. See **Figure 1**.

1. Select the location at which the shelf or roll-out will be installed in the Rack Mount Module.

**NOTE**: If the component is a roll-out and the weight load exceeds 75lbs. or more, use four screws in each of the brackets. See **Figure 4**. It will be necessary to select a four hole grouping that matches the bracket. The center two holes will be .50" apart. If less than 75 lbs., two screws are sufficient.

2. Snap one Clip Nut into the top hole at the selected position. For light loads, place the second Clip Nut four holes (1.75") below. Start #10-32 x 1/2" screws.

Use a mounting bracket as a guide to match holes and attach corresponding Clip nuts. **Do not** start the screws.

3. Measure from the bottom of the Vertical Rail to the top Clip Nut. Assemble Clip Nuts onto the three other rails at the measured height.

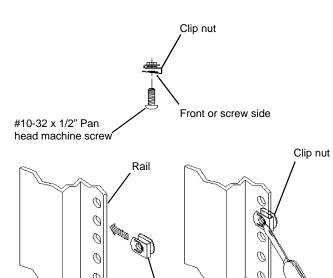


Figure 1

Clip nut

# technical furniture Rack Mount Shelf (cont.)

### **ROLL-OUT SHELF INSTALLATION**

NOTE: The Roll-Out is equipped with "Lock Out Slides" and a "Front Disconnect" chassis member for your convenience during assembly to the Rack Module.

- 1. Assemble the Slide sections onto the Rack Module rails. Slip the **Mounting Brackets** behind the screw head of the Clip Nut. See **Figure 4**.
- 2. Snug the Clip Nut screws enough to retain the Slide, but still allow it to move in and out. Do not tighten.
- 3. Tighten the **Rear Mounting Bracket** to the Slide screws now (not the Clip Nut screws).
- 4. Close the two sections of the assembled Slide.

Slide the shelf with the disconnect members into the mounted section. See Figure 5.

Push the shelf in until there is a click

Now extend it to its full length.

Push it in again until it is fully closed (the ends of the three slide sections are even). The last two inches may bind; just push. It should now slide in and out freely.

- 5. Now tighten the Clip Nut screws or leave them snug.
- 6. To remove the shelf and chassis rail, refer to **Figure 6**.

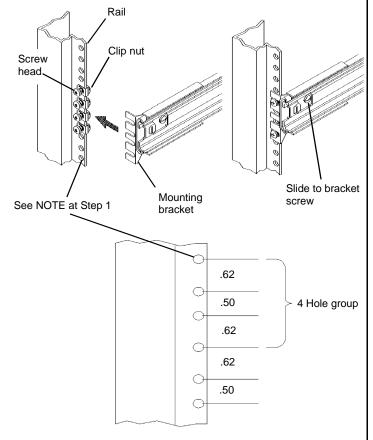


Figure 4

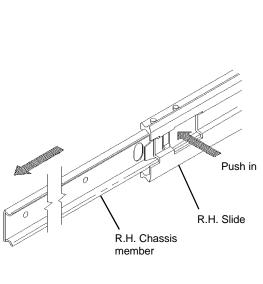


Figure 6

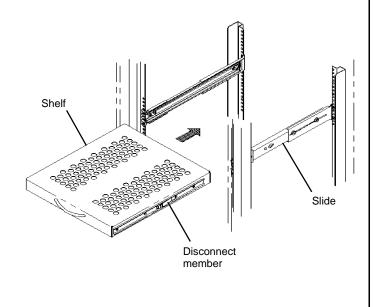


Figure 5

# Rack Mount Shelf (cont.)

### STATIONARY SHELF INSTALLATION

- 1. Position the **Stationary Shelf** with the four brackets on the correct side of the clip nuts See **Figure 2**.
- 2. Attach the front brackets to the rails and tighten.
- 3. Repeat for the rear brackets and tighten all screws.

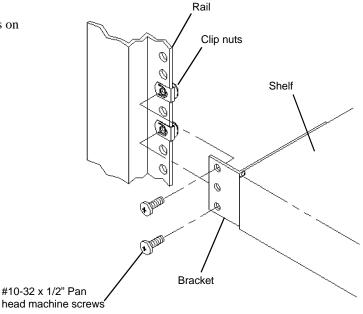


Figure 2

### STATIONARY SHELF WITH KEYBOARD MOUNT (AVAILABLE ON 24" RACK MOUNT SHELF ONLY)

 Assemble the **Keyboard Track** to the underside of the Shelf before installing the Shelf component to Rack Mount Rails. The Keyboard Track Mount is flush to the Shelf front. See **Figure 3**.

The rear of the Shelf is indented to allow the Keyboard Platform Support mechanism to slide on the Track. It is necessary to use a bumper at that end as a stop.

Refer to Keyboard assembly instructions to complete installation.

2. Install the shelf as described in Steps 1 through 3 above.

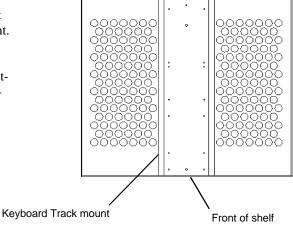
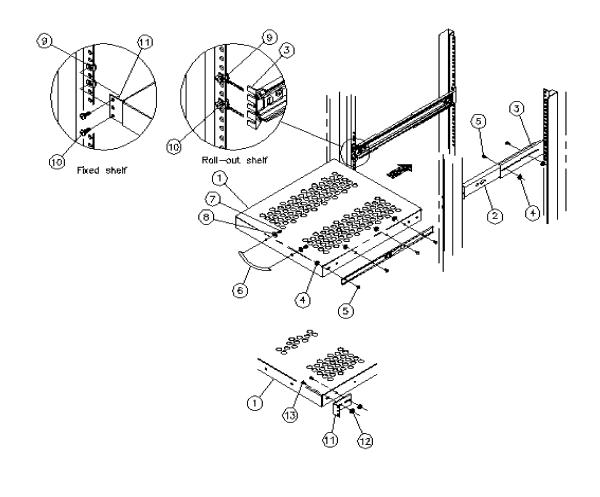


Figure 3 Underside of Shelf

# technical furniture Rack Mount Shelf (cont.)

Pa	Parts List			
Part Number		Description	Qty.	
1	3150X	X-Deep Shelf	1	
	3432X	Rack Mount Shelf, 16.6" x 28"		
2	82155	Quick Disconnect Slide, 18"	2	
	82459	Quick Disconnect Slide, 28"		
3	82156	Mounting Bracket Kit	2	
4	18244	#8-32 Keps Lock Nut	16	
5	82157	#8-32 x 3/8" Slotted Pan Head Screw	16	
6	81911	Handle	1	

Parts List			
Part	Number	Description	
7	7 81868 4mm x 6mm Phillips Phillister Head Screw		2
8	18977	Lock Washer	2
9	82087	#10-32 Clip Nut	16
10	82031	#10-32 x 1/2" Pan Head Machine Screw	16
11	7061X	Rack Mount Shelf Bracket	4
12	18242	#10-24 Keps Lock Nut	8
13	66714	#10-24 x 3/8" Phillips Pan Head Thread Forming Screw	8



# Vertical Adapter Rail/Horizontal Chassis Bracket

### **Tools Required**

-Phillips head screwdriver

### **VERTICAL ADAPTER RAIL**

**NOTE**: The Front Rail should be in the foward-most position.

- Locate mounting holes on existing front and rear rails attached to Rack Mount Module Side Panels. See Figure 1.
- 2. Attach the **Vertical Adapter Rails** to the Front and Rear Rails on both sides of the unit at equal heights using the #10-24 x 1/2" screws and #10-24 lock nuts provided. See **Figure 2**.

**NOTE**: If additional clearance is required between the acrylic door panel and the Front Rail, reverse the Front Rail as shown in **Figure 3**.

### HORIZONTAL CHASSIS BRACKET

- Four #10-32 Clip Nuts and four #10-32 x 1/2" Phillips head machine screws are included for attaching the Horizontal Chassis Bracket to the Vertical Adapter Rails.
- 2. Install the Clip Nuts in the desired location on the Vertical Adapter Rails. **Figure 4**.
- 3. Attach the Horizontal Chassis Bracket to the Vertical Adapter using the #10-32 screw.

NOTE: For additional horizontal adjustments, attach the Horizontal Bracket as shown in **Figure 4**. For vertical adjustments, attach the Horizontal Bracket using holes on the other face.



Vertical Adapter Rail/Horizontal Chassis Bracket

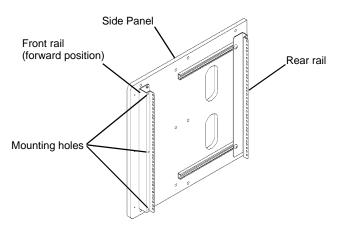
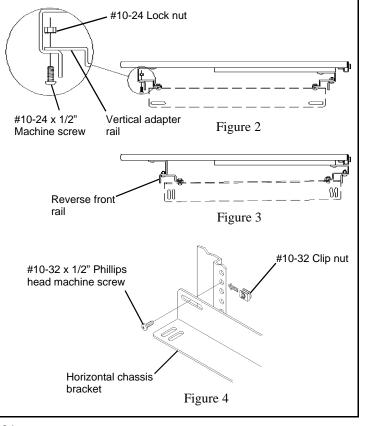
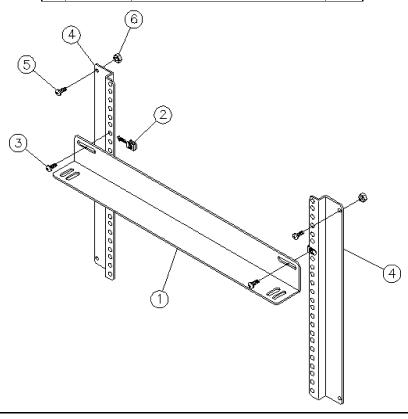


Figure 1



## technical furniture | Vertical Adapter | Rail/Horizontal Chassis Bracket (cont.)

Pa	Parts List			
Part Number		Description	Qty.	
1	82598	19" Horizontal Chassis Bracket	2	
2	82087	#10-32 Clip Nut	4	
<b>3</b> 82031		#10-32 x .50" Hillips Pan Head Machine Screw	4	
	3243X	7" Vertical Adapter Rail		
	3244X	14" Vertical Adapter Rail		
	3245X	24" Vertical Adapter Rail		
4	3246X	35" Vertical Adapter Rail	4	
	3247X	56" Vertical Adapter Rail		
	3248X	66" Vertical Adapter Rail		
	3249X	78" Vertical Adapter Rail		
5	55617	#10-24 x .50" Phillips Pan Head Machine Screw	8-32	
6	5 18242 #10-24 Lock Nut		8-32	



### Patch Panel Brackets

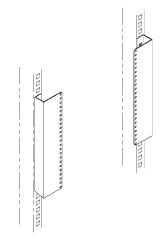
### **Tools Required**

-Plastic mallet

1. Determine the desired location of the **Patch Panel Brackets** on the Full Frame. **NOTE**: If multiple levels are being used, install the lowest level first.

Position the brackets as shown in **Figure 1**. Insert the hooks into the slotted standard and push down. To assure the hooks are seated, tap the bracket down with a plastic mallet or equivalent. See **Figure 1**.

**NOTE**: The 1-3/4"(44mm) hole spacing module is continuous from bracket to bracket. Brackets of various sizes may be installed together if there is adequate vertical space on the slotted standards.



Patch Panel Brackets

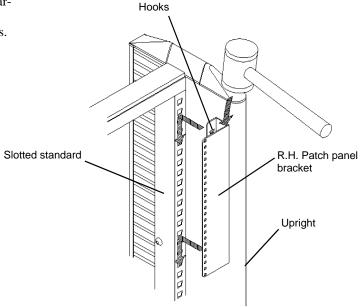
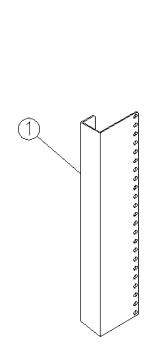


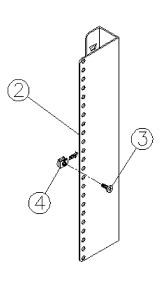
Figure 1

Maximum Quantity Of Brackets Per Full Frame Unit				
	61"(1549mm)	72"(1829mm)	84"(2134mm)	
LB80, 7"(179mm) Bracket	7	9	11	
LB81, 14"(356mm) Bracket	3	4	5	
LB82, 21"(533mm) Bracket	2	3	3	
LB83, 35"(889mm) Bracket	1	1	1	
LB84, 56"(1422mm) Bracket	1	1	1	

# technical furniture Patch Panel Brackets (cont.)

Parts List			
Par	t Number	Description	Qty.
	2406X	7" Patch Panel Bracket, L.H.	
	2404X	14" Patch Panel Bracket, L.H.	
1	2853X	21.3" Patch Panel Bracket, L.H.	1
	2855X	35.3" Patch Panel Bracket, L.H.	
	2857X	56.3" Patch Panel Bracket, L.H.	
	2407X	7" Patch Panel Bracket, R.H.	
	2405X	14" Patch Panel Bracket, R.H.	
2	2854X	21.3" Patch Panel Bracket, R.H.	1
	2856X	35.3" Patch Panel Bracket, R.H.	
	2858X	56.3" Patch Panel Bracket, R.H.	
3	80023	#10-24 x 3/4" Phillips Pan Head Thread Forming Screw	10
4	81615	#10-24 "U" Type Nut	10





### Tech Wall

### technical furniture

### **Tools Required**

- -Phillips head screwdriver
- -Plastic mallet
- -Flat file

**Tech Walls** are available as fabric covered or perforated steel partitions. These instructions are applicable for both types of panels.

Panels are provided in various widths and heights, depending on the size of the Full Frame.

### IMPORTANT!

Tech walls <u>cannot</u> be installed on Full Frames shipped prior to 12/26/95, as the space between the Slotted Standards varies.

NOTE: For ease of installation, it is recommened that the panels be installed onto the Full Frames prior to the installation of any other components. (ie.worksurfaces, shelves, ect.). If this is not possible, proceed to page \_ for panel installation with components pre-installed on one side of the Full Frame.

- 1. Attach the steel **Mounting Channels** to the side of the Full Frame Slotted Standards, using the #8-32 x 3/8" Phillips pan head thread forming screws provided. See **Figure 1a**.
- 2. Install the Mounting Channels with the end having the embossed triangle at the top.
  Align the holes in the Mounting Channel with the pre-punched holes in the Slotted Standards Fasten the Mounting Channel in place with a screw in each hole. See **Figure 1b**.

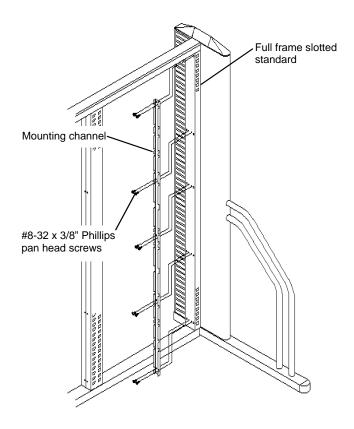


Figure 1a

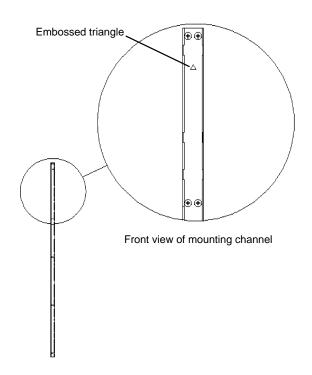


Figure 1b

Important - For proper panel installation, the Mounting Channels must attach flat against the Slotted Standards. If a weld joining the two halves of the intermediate standard exceeds a height of approximately .03"(.8mm), it may be necessary to carefully file the weld. See Figure 2.

3. Install the panels onto the Full Frame by first inserting one side of the panel onto the Mounting Channel and

snapping the panel onto the opposite Mounting Channel. See Figure 3.

4. To facilitate positioning the panel within the Frame, align the locator tab on each corner of the panel with the appropriate notch in the Mounting Channel. See Figure

**NOTE**: It is recommended that the panels be installed from the bottom up.

> The quantity of panels will vary, depending on the size of the Full Frame. Reference page \_, for panel configurations.

Install the panels onto both sides of the Full Frames. To insure that the panels are fully attached, tap the vertical sides of the frame with a Plastic mallet.

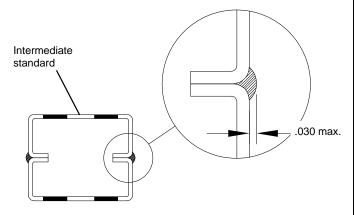
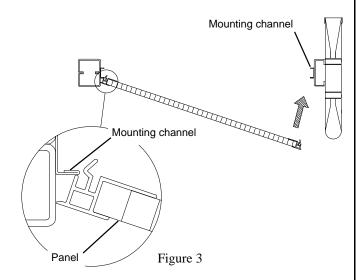
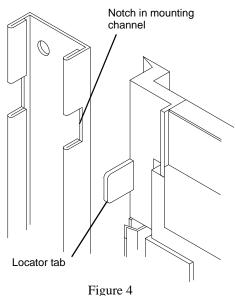


Figure 2





### Panel Installation with Components Pre-installed on One Side of Frame

Tech Walls may be installed onto Full Frames that have other components on one side. If the Frames have components installed on both sides, they must be removed from one side prior to panel installation.

- 1. Attach a single Steel Mounting Channel to the left or right side of each Full Frame section. See Figure 1.
- 2. Install the panels, from the bottom up, onto the single Mounting Channel. See Figure 2.

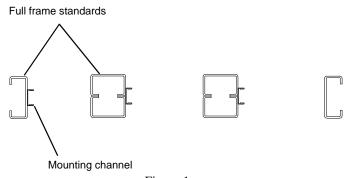
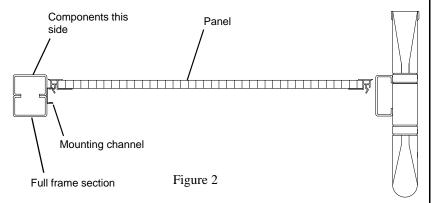


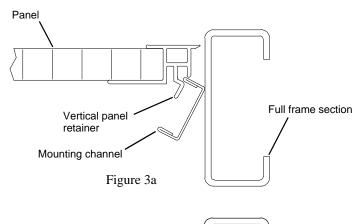
Figure 1

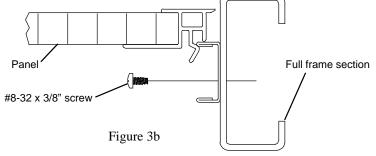


3. With all panels in place, insert the second Mounting Channel into the Vertical Panel Retainer. See Figure 3a. Align Frame tabs with the slots on the channel.

Rotate the Mounting Channel, align the holes in the channel with the holes in the Frame Standard. and fasten the channel in place, using the #8-32 x 3/8" screws. See Figure 3b.

4. Install the second set of panels onto the side of the Frame without components following the instructions on page L1, step 2.





Parts List			
Part Number		Description	Qty.
	83563	Fabric Panel, 25.84" x 19.88"	
	83564	Fabric Panel, 25.84" x 25.88"	
	83565	Fabric Panel, 25.84" x 31.88"	
	83548	Fabric Panel, 10.86" x 19.88"	
	83549	Fabric Panel, 25.84" x 25.88"	
	83540	Fabric Panel, 4.84" x 25.88"	
	83554	Fabric Panel, 13.88" x 19.88"	
	83555	Fabric Panel, 13.80" x 25.88"	
	83556	Fabric Panel, 13.80" x 31.88	
	83560	Fabric Panel, 24.80" x 19.88"	
	83561	Fabric Panel, 24.80" x 25.88"	
	83562	Fabric Panel, 24.80" x 31.88"	
	83569	Fabric Panel, 36.80" x 19.88"	
1	83570	Fabric Panel, 36.80 " x 25.88"	1
	83571	Fabric Panel, 36.80" x 31.88"	
	3889X	Steel Panel, 25.84" x 19.88"	
	3890X	Steel Panel, 25.84" x 25.88"	
	3891X	Steel Panel, 25.84" x 31.88"	
	3874X	Steel Panel, 10.86" x 19.88"	
	3875X	Steel Panel, 10.86" x 25.88"	
	3876X	Steel Panel, 10.86" x 31.88"	
	3880X	Steel Panel, 13.80" x 19.88"	
	3881X	Steel Panel, 13.80" x 25.88"	1
	3882X	Steel Panel, 13.80" x 31.88"	
	3886X	Steel Panel, 24.80" x 19.88'	
	3887X	Steel Panel, 24.80" x 25.88"	
	3888X	Steel Panel, 24.80' x 31.88"	
	3895X	Steel Panel, 36.80" x 19.88"	
	3896X	Steel Panel, 36.80" x 25.88"	
	3897X	Steel Panel, 36.80" x 31.88"	

Pa	rts List		
Part Number		Description	Qty.
2	3400X	Corner Connector, L.H.	2
3	3401X	Corner Connector, R.H.	2
	3906X	19.36" Horizontal Trim	
4	3907X	25.36" Horizontal Trim	2
	3908X	31.36" Horizontal Trim	
	3917X	23.94" Vertical Trim	
	3912X	8.96" Vertical Trim	
5	3914X	11.90" Vertical Trim	2
	3916X	22.90" Vertical Trim	
	3919X	34.90" Vertical Trim	
	83300	40.40" Channel	
6	83301	56.40" Channel	2
	83302	67.40" Channel	
	83303	79.40" Channel	
7	83645	#8-32 x 3/8" Phillips Pan Head Thread Forming Screw	10-14
	3920X	Horizontal Retainer (not shown)	
8	3921X	Horizontal Retainer (not shown)	2
	3922X	Horizontal Retainer (not shown)	
	3931X	Vertical Retainer (not shown)	
	3926X	Vertical Retainer (not shown)	
9	3928X	Vertical Retainer (not shown)	2
	3930X	Vertical Retainer (not shown)	
1	3933X	Vertical Retainer (not shown)	

