

Abex Display Systems

Warranty Terms and Limitations

Frame-Lifetime No-Fault

Abex Display Systems, Inc., a California corporation, warrants the frame for the lifetime of the product and extends this warranty to the original retail purchaser. Repairs will be made at the location of your nearest authorized distributor unless otherwise approved by Abex Display Systems.

Panels And Other Components-Limited Warranty

Abex Display Systems extends a limited warranty to the panels, shelves, lights, fixtures, channel bars, cases, tables and other accessories. Panels (which represent the flexible surface covering the frame and channel bars) are under warranty for a period of 90 days from shipment. Other components listed are under warranty for a period of one year from shipment. Both limited warranties apply to manufacturer's defects in materials and workmanship only. Defects to either panels or other components will be determined solely by Abex and not by any representative, distributor or dealer of, or for, the company. Upon determination of a defect, Abex's sole obligation will be to repair or replace the defective part.

The conditions of this warranty are: (1) The Abex 300 series panels or other components shall have been subject to only normal use and service and shall not have been misused, neglected, altered or otherwise damaged; and (2) there shall be no evidence of tampering or deliberate misuse or destruction.

No representative, distributor or dealer of or for Abex is authorized to assume for Abex any other obligations or liabilities in connection with the panels or other components, or alter the terms of this warranty in any way.

Abex Display Systems must authorize the return of any alleged or defective part before it is returned. All shipping and transportation costs must be prepaid by the buyer. Abex will not accept charges for parts purchased unless the conditions of the warranty have been satisfied and charges have been agreed to by Abex.

This warranty is in lieu of all other warranties, expressed or implied. All implied warranties, including, but not limited to implied warranties of fitness and merchantability for a particular purpose, are excluded except as herein provided.

Abex Display Systems, Inc. shall not be liable for damages, including special, incidental or consequential damages arising out of or in connection with the performance of this Abex 300 series display or its use by the owner.

The liability of Abex Display Systems, Inc. is limited exclusively to repair and/or replacement of the defective part.



ABEX DISPLAY SYSTEMS, INC.

7101 FAIR AVENUE

NORTH HOLLYWOOD, CALIFORNIA 91605

(818) 764-5126 • (800) 537-0231

WWW.ABEX.COM

Introduction

Thank you for your recent purchase of an Abex 300 series display, manufactured by Abex Display Systems. An Abex 300 series display communicates a message about you: polished, professional, experienced. It not only displays your product and services effectively, it also draws your audience in and delivers your message every time.

Abex's commitment to excellence will be

evident the first time you assemble your unit.

This manual was designed to expedite the set-up of your display and to answer some commonly asked questions.

Abex knows the importance of customer feedback. We are continually integrating customer suggestions into our products and would greatly appreciate any comments you may have.

Abex Design & Development Team

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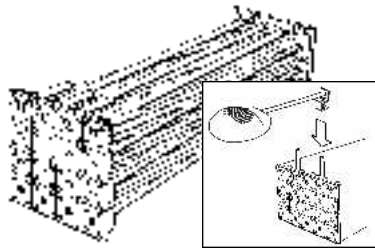
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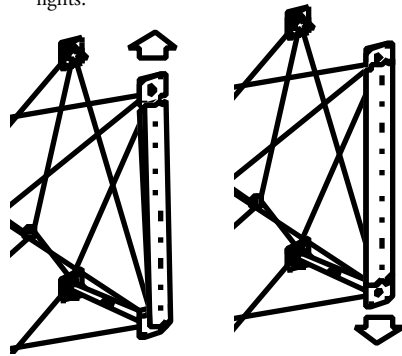
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Quick Start

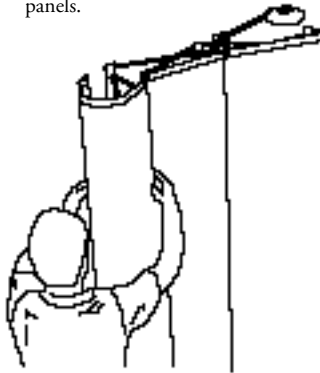


- 1** Remove frame from case. Stand in front of unit with light posts facing you on top and yellow dots on bottom. Lift light posts. Attach lights.



If applicable, attach stabilizer feet (not shown) to frame (refer to page 8). Begin at the bottom center module and attach channel bars by sliding up onto the top hub. Line up the bottom of the channel bar over the lower hub and slide down. Continue this process, working towards the top on all areas that will have panels.

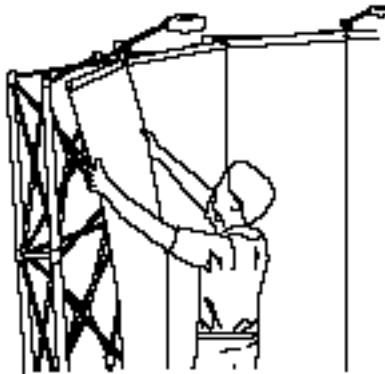
- 5**



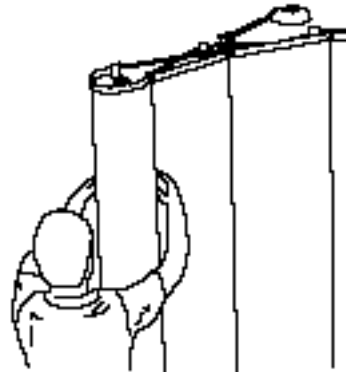
- 9** Lift end panel and guide front notch of plastic plate over front peg at top of frame.



- 2** Carefully pull up on the two middle "Y" members until fully expanded.



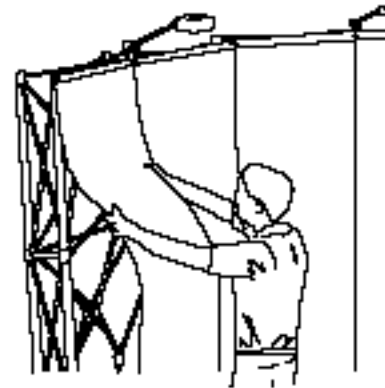
- 6** Grasp front panel (refer to page 14 for panel identification) 1/3 from the top. Lift panel and guide notches of plastic plate over pegs. Begin with the center panel and work outward.



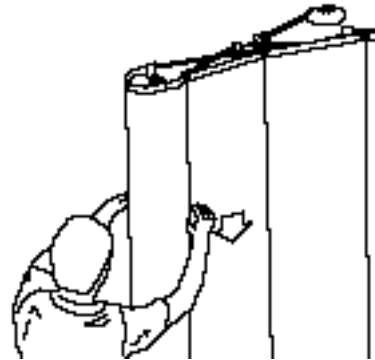
- 10** Hook the other side on the panel peg at the back of the frame.



- 3** With the frame fully expanded, begin to lock the red spacer bars starting with the middle spacer bar then the outer spacer bars.



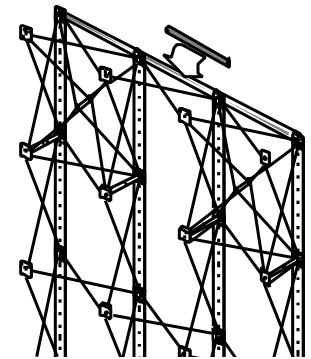
- 7** Release the panel, allowing it to attach magnetically to the channel bars. Straighten each panel by aligning it to the center of the channel bar slots.



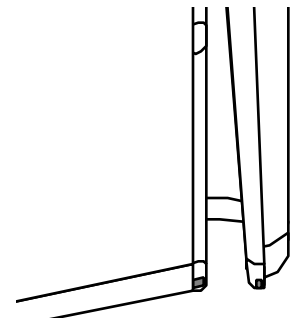
- 11** Slowly run your hands down the sides of the panel, attaching the magnetic strips to the channel bars and straightening as you go.



- 4** Ensure that spacer bars are fully engaged and locked.

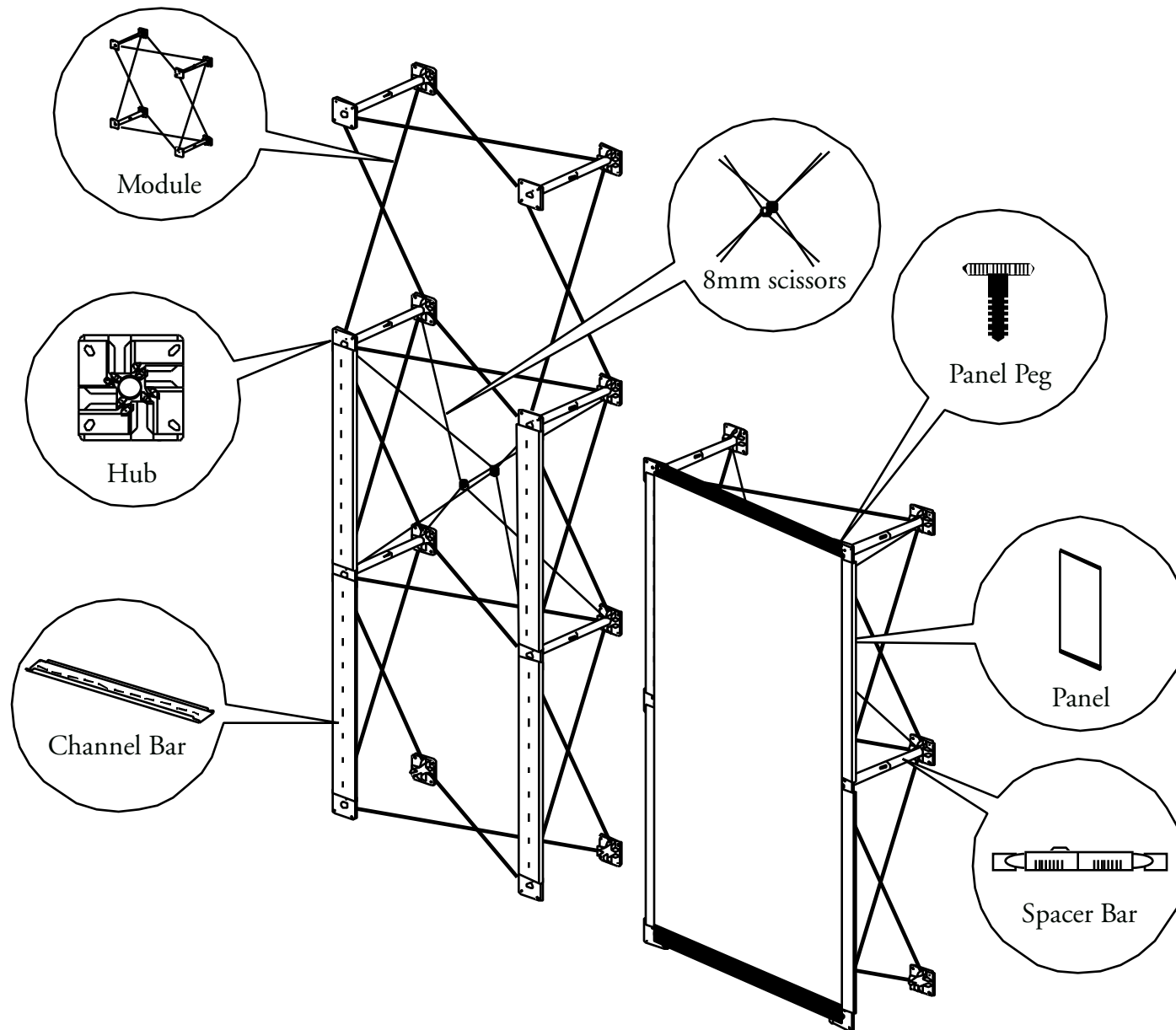


- 8** For straight frame panels only: Velcro optional reinforcement rods to top rear of panel.

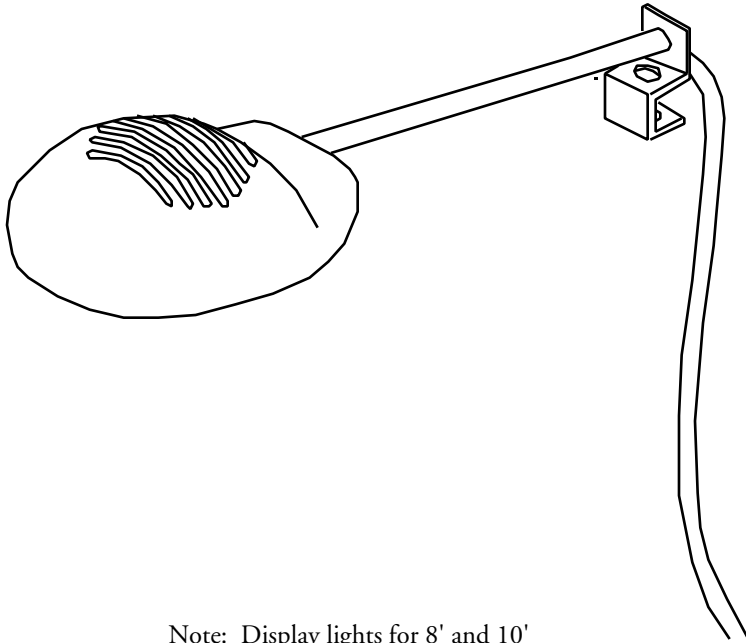


- 12** Attach velcro tab at bottom.

Components



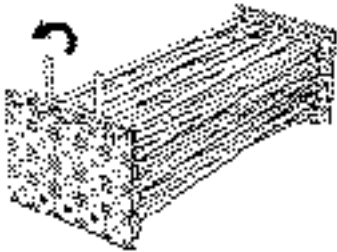
Lights



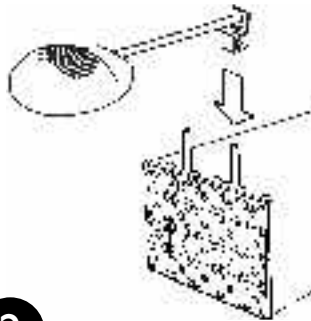
Note: Display lights for 8' and 10' straight wall should be put on after unit is expanded.

- 1 Place frame on the floor, yellow dots facing front and bottom. Pivot light post up.
- 2 Slide the light brackets down over the post. Place the loose cords toward the front.
- 3 Expand the frame as shown on the following page.
- 4 Move the loose cords toward the back of the frame. Connect the cords and extensions as shown.

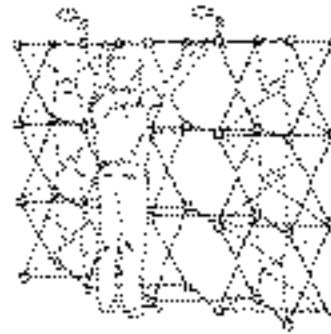
Steps:



1



2

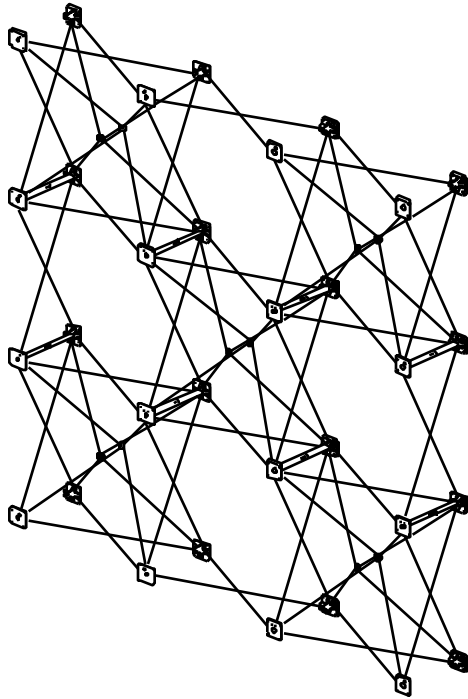


3



4

Frame



1

Place the frame on the floor with the yellow dots facing front and bottom. Release frame strap.

2

Grasp the center most cross members and carefully pull straight up.

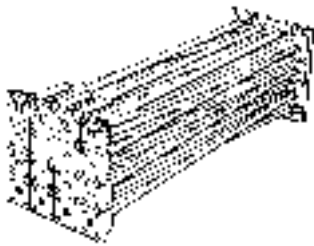
3

Continue pulling until the frame is fully expanded.

4

Lock the red spacer bars together, starting from the center hub and moving to the outer hubs. (Refer to caution card for red spacer bar count)

Steps:



1



2

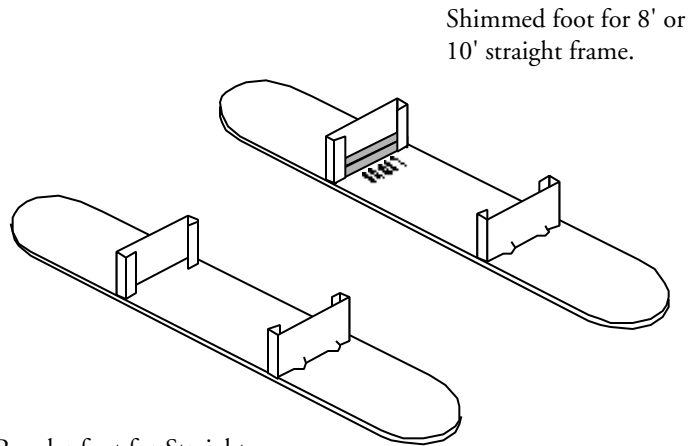


3



4

Stabilizer Feet



Regular foot for Straight Frame and Tabletop displays.

1

Brace and lift the unit upward slightly giving just enough room for the stabilizer foot.

2

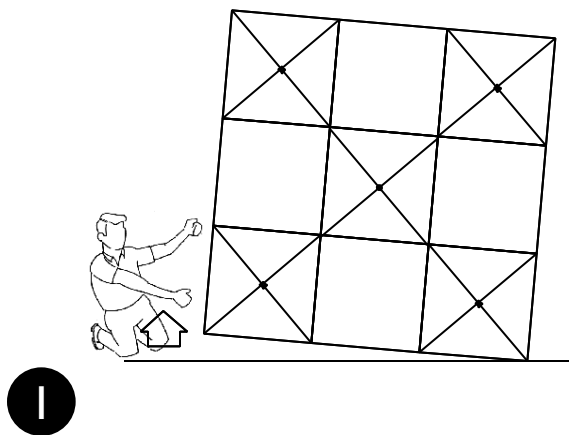
With the unit lifted and braced, place the foot underneath the frame and slide frame hubs down into foot.

3

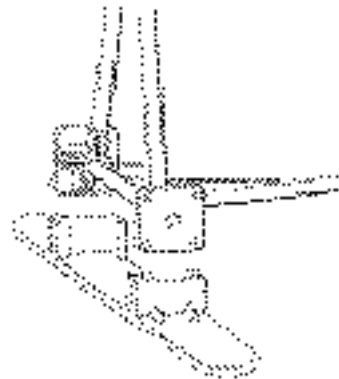
Repeat until all feet are in place.

Note: Most displays do not require feet. They are included in your display only if needed.

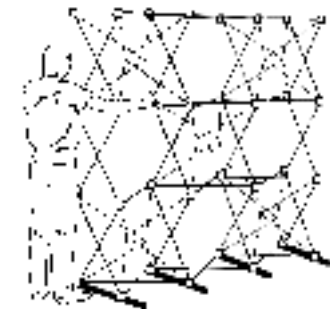
Steps:



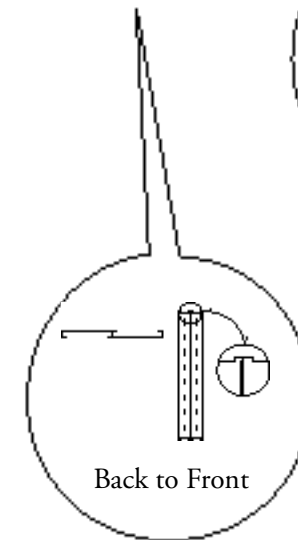
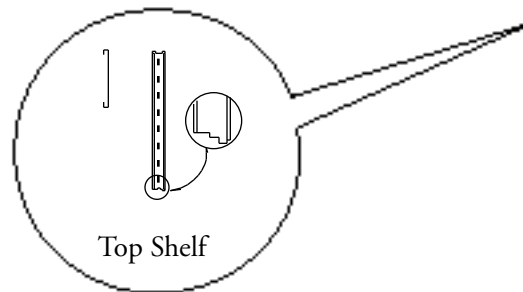
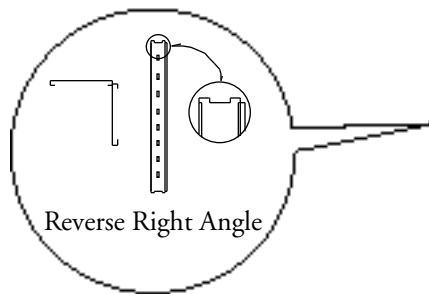
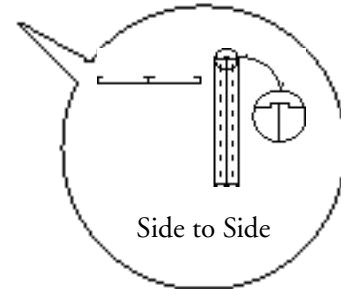
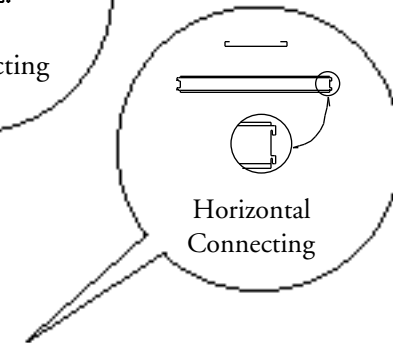
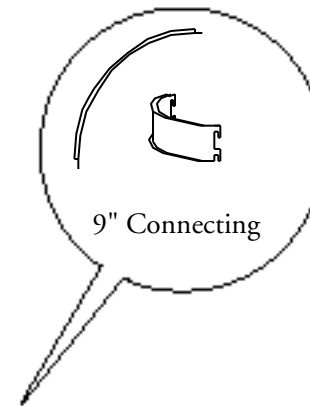
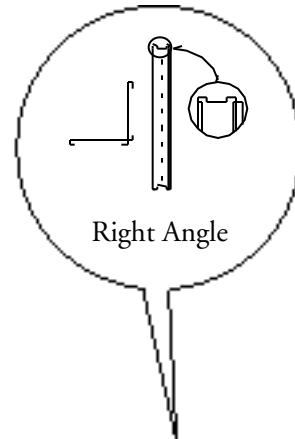
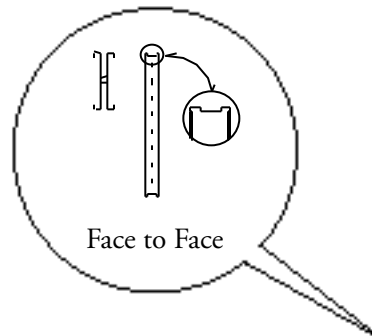
2



3

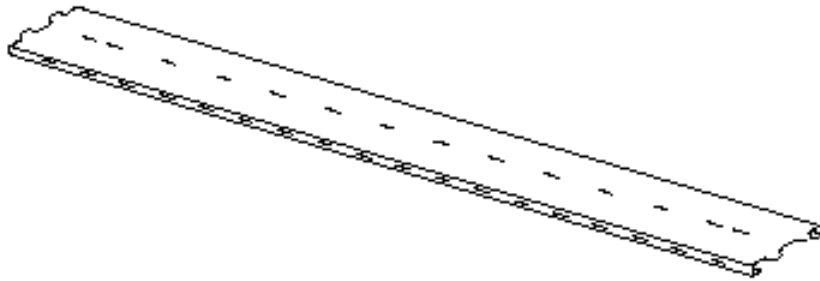


Types and Locations: Channel Bars



Note: Curved to Straight channel bars not shown here. Refer to pages 14-15 for assembly instructions.

Channel Bars



1

Separate channel bars into like groups.

2

Begin at the center bottom module and attach channel bars by sliding up onto the top hub.

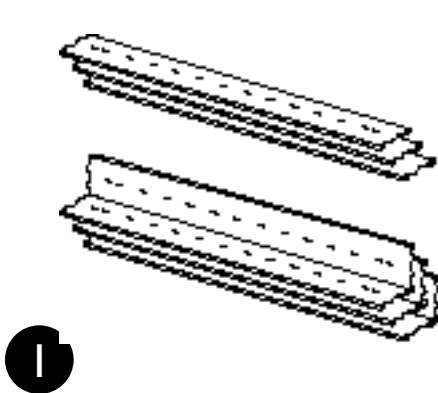
3

Line-up the bottom of the channel bar over the lower hub and slide down.

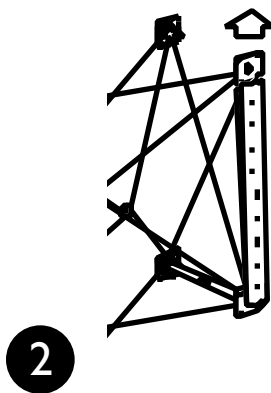
4

Continue this process working towards the top on all areas that will have panels. Reverse the sequence to disassemble the unit.

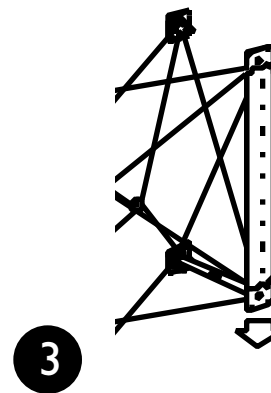
Steps:



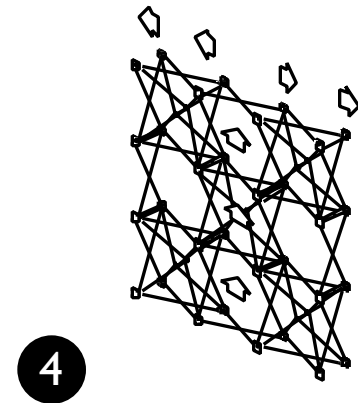
1



2

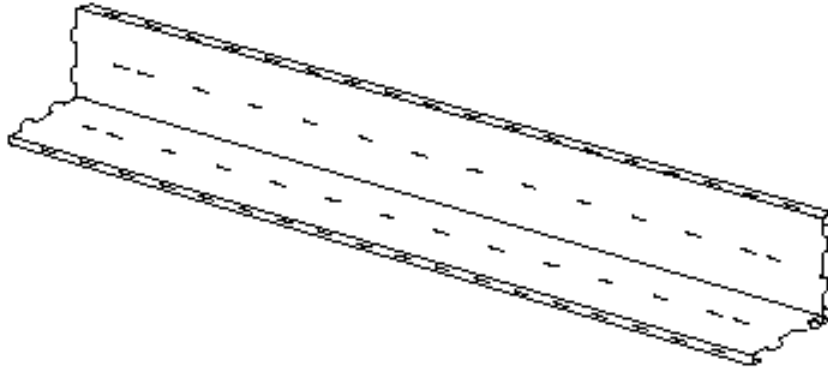


3



4

Right Angle Channel Bar



1

Position frames at right angles.

2

Hold the channel bar straight and slide onto the top hubs.

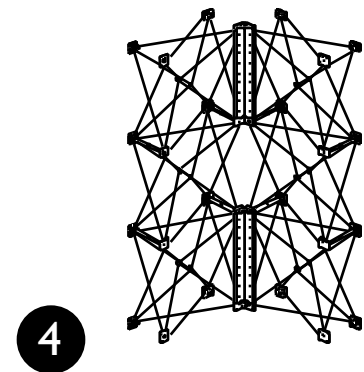
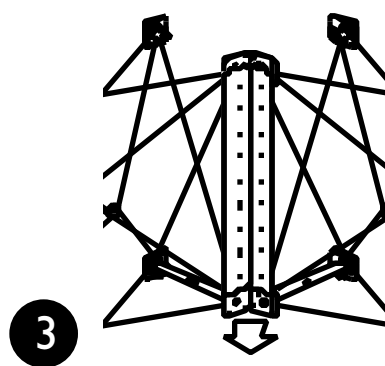
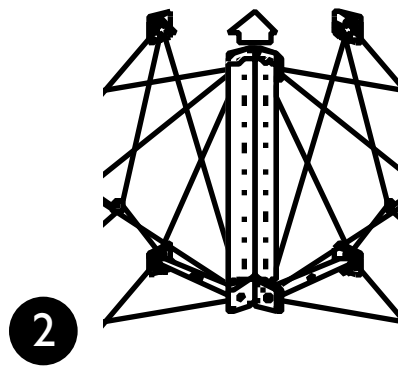
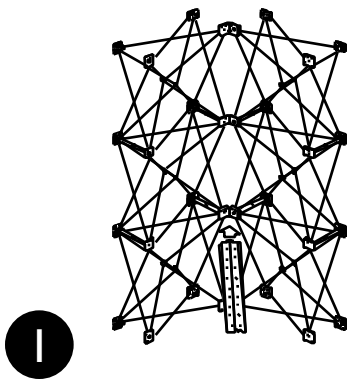
3

Line up the bottom of the channel bar over the lower hubs and slide down.

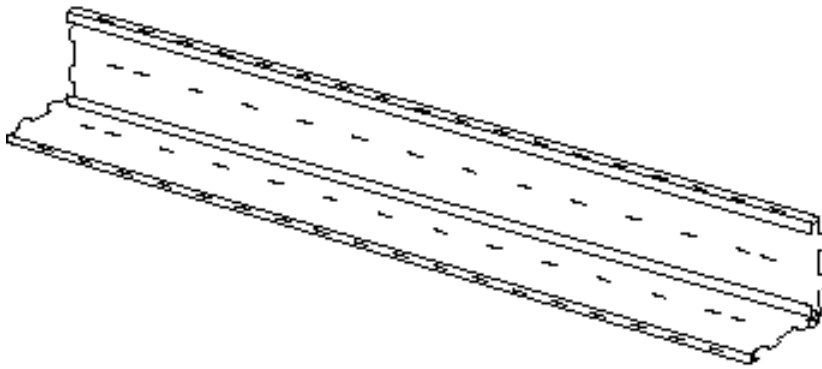
4

Use two right angle channel bars per 8' high frame set. Position one on the top module and one at the bottom. Use regular channel bars in center position.

Steps:



Reverse Right Angle



1

Position frames at right angles.

2

Hold the channel bar straight and slide onto the top hubs.

3

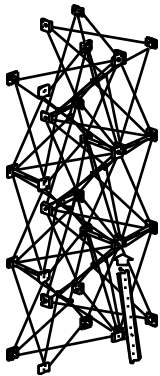
Align the bottom of the channel bar over the lower hubs and slide down.

4

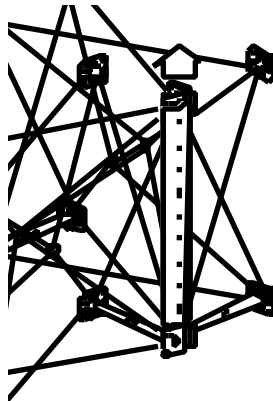
Use two reverse right angle channel bars per 8' high frame set. Position one on the top module and one at the bottom.

Steps:

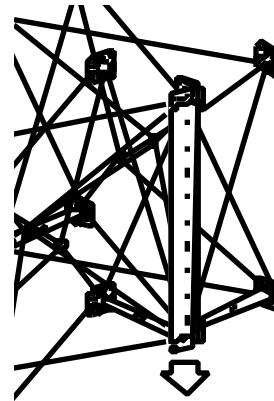
1



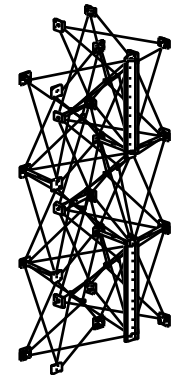
2



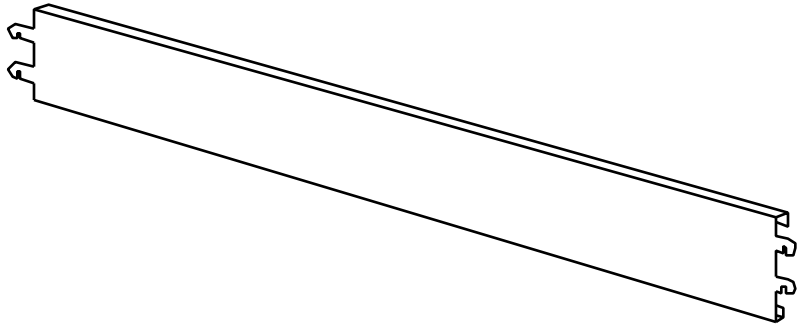
3



4

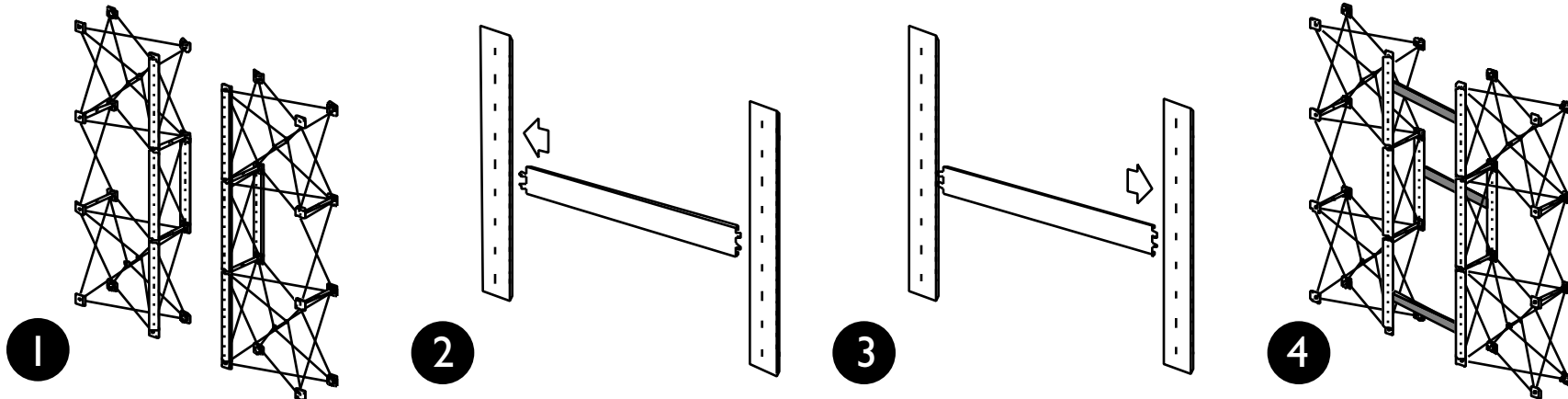


Horizontal Channel Bar

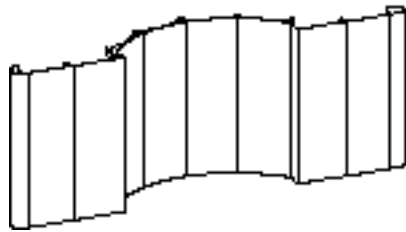


- 1** Place two frames one channel bar length apart. Two channel bars will connect the front of the frames and one will connect the back.
- 2** Push the longer channel bar tabs into the slots on the side of the regular channel bar.
- 3** Push the shorter tabs in the channel bar on the opposite side. Slide the horizontal channel bar down to engage the notches in the tabs and secure.
- 4** Use two horizontal channel bars at the front and one horizontal channel bar at the back to connect two frames together as shown.

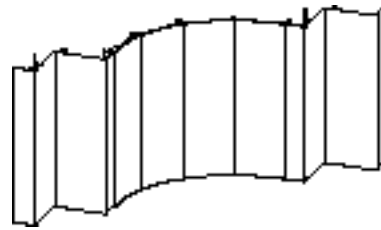
Steps:



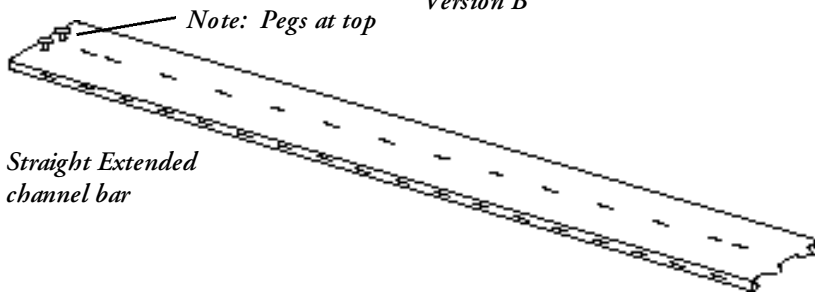
Curved to Straight Assembly - Part 1



Curved to Straight Unit
Version A



Curved to Straight Unit
Version B



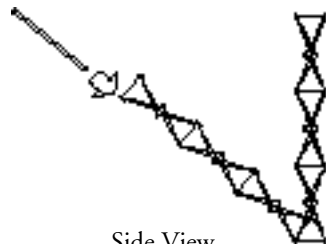
Straight Extended
channel bar

Steps:

Version A locations



Version B locations



Side View

1

To compensate for the height difference between curved and straight frames, use Straight Extended channel bars along the top of the straight frames. Place curved and straight frames as shown per desired configuration. Note the locations of the Straight Extended channel bar on diagram.

2

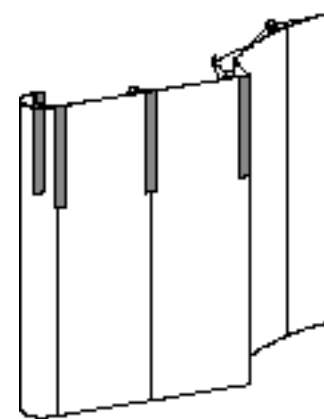
Carefully tip a straight frame section towards you. The channel bars slide down over the top hub of the frame and engage on the lower hub.

3

Slide on remaining Straight Extended channel bars. Version A left-hand section shown. Repeat for right-hand section.

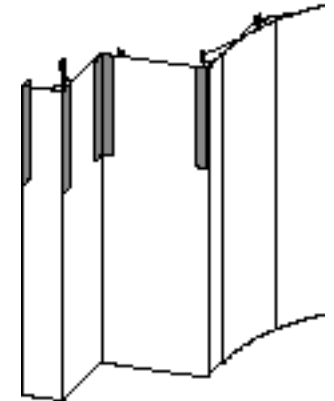
4

Slide on remaining Straight Extended channel bars. Version B left-hand section shown. Repeat for right-hand section.



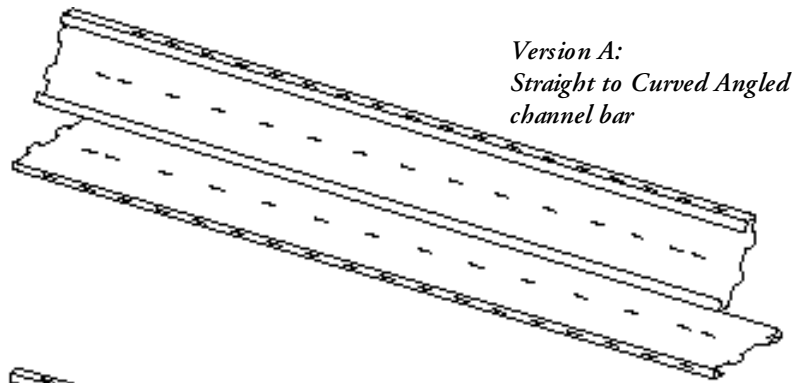
Version A
left-hand

4

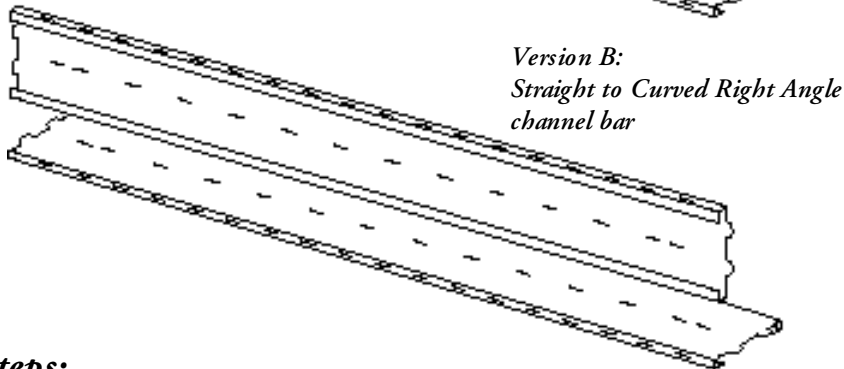


Version B
left-hand

Curved to Straight Assembly - Part 2



Version A:
Straight to Curved Angled
channel bar



Version B:
Straight to Curved Right Angle
channel bar

Steps:

Version A left-hand Version A right-hand

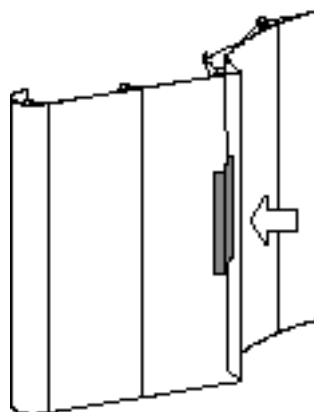


Version B left-hand Version B right-hand



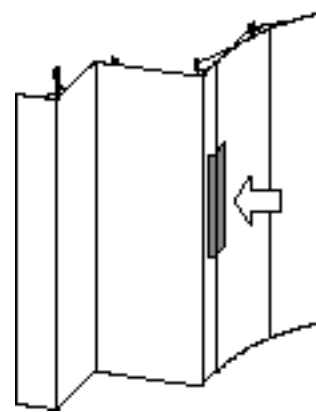
1 Top View

2



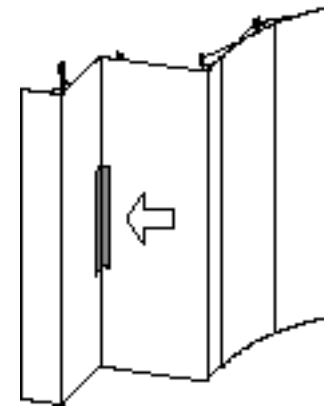
Version A
left-hand

3



Version B
left-hand

4



Version B
left-hand

1

Joining curved and straight frames requires the use of either the Curved to Straight Angled channel bar (version A) or the Curved to Straight Right Angle channel bar (version B). Note the locations of the appropriate Curved to Straight channel bar on diagram of desired configuration.

2

Version A: Starting on the left-hand side, hold the version A channel bar straight and slide onto the 3rd level hubs. Line up the bottom of the channel bar over the lower hubs and slide down. Repeat for right-hand side.

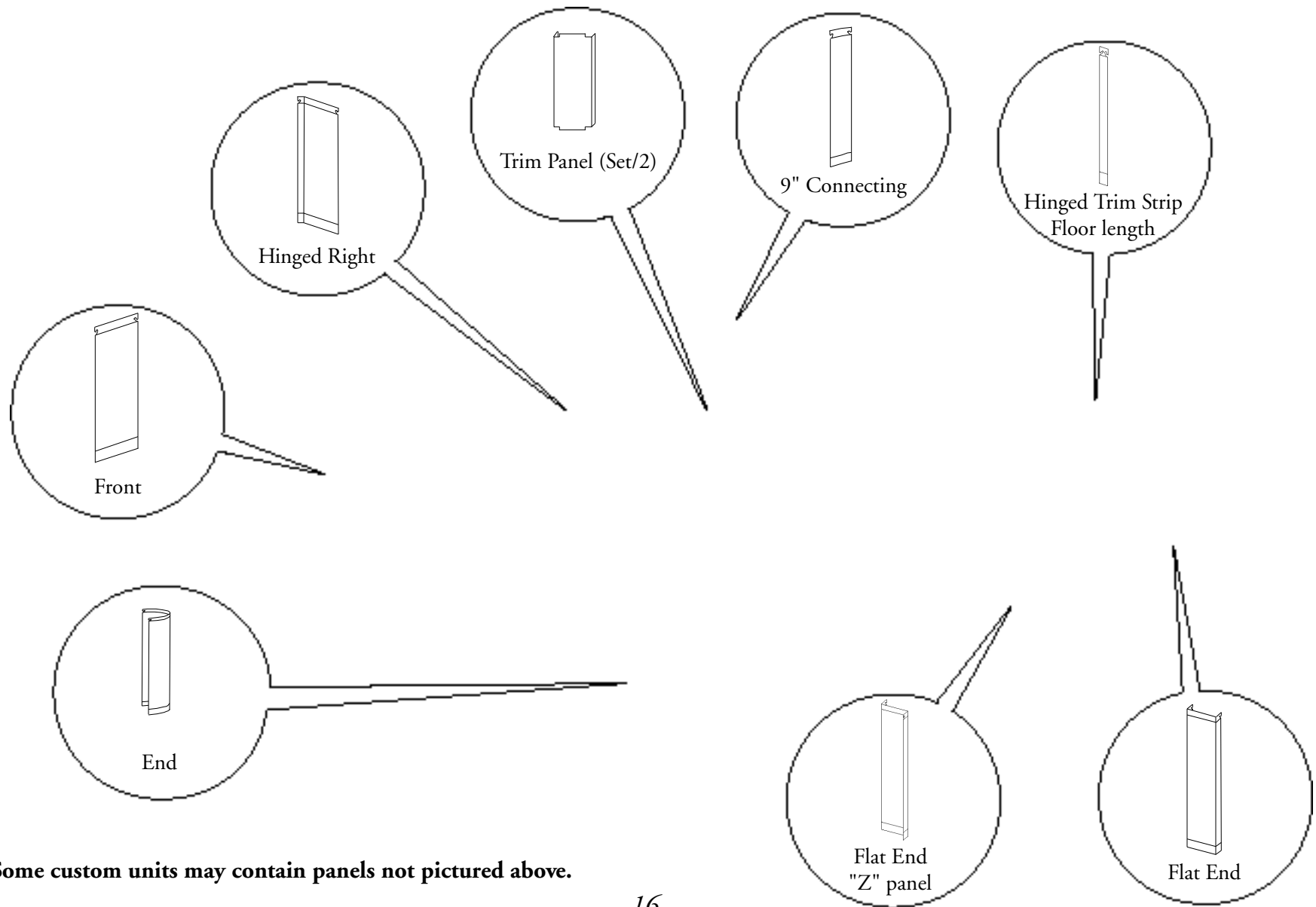
3

Version B: Starting on the left-hand side, hold the version B channel bar straight and slide onto the 3rd level hubs. Line up the bottom of the channel bar over the lower hubs and slide down. Repeat for right-hand side.

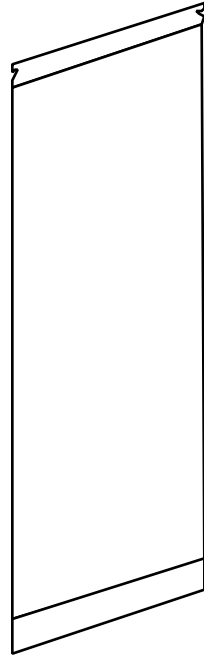
4

Version B: Attach the left-hand straight frame "wing" sections together with a Right-Angle channel bar. Refer to page 11 for assembly. Repeat for right-hand side.

Types and Locations: Panels

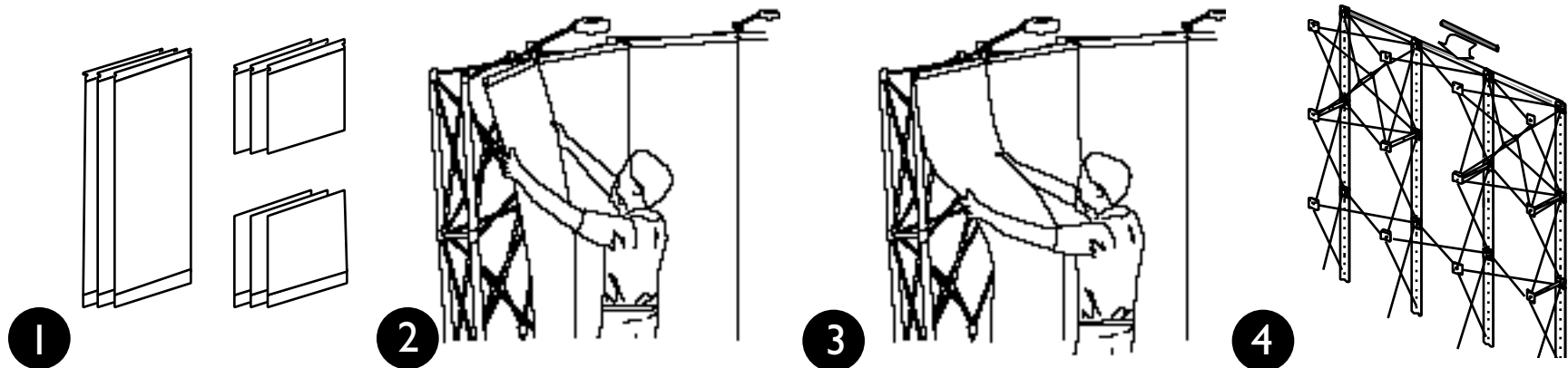


Panels

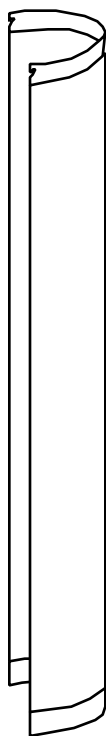


- 1 Organize the panels into like groups.
- 2 Grasp panel 1/3 from the top. Lift panel and guide notches of plastic plate over pegs. Begin with the center panel and work outward.
- 3 Release the panel, allowing it to attach to the channel bars. Straighten each panel by aligning it to the center of the channel bar slots.
- 4 For Straight Frame Panels only: Velcro optional reinforcement rods to top rear of panel.

Steps:

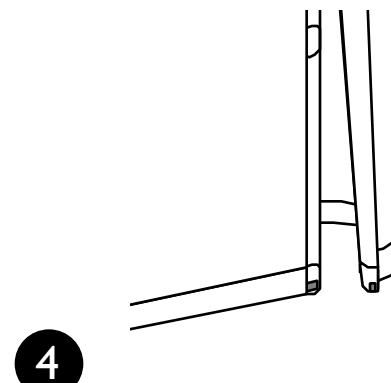
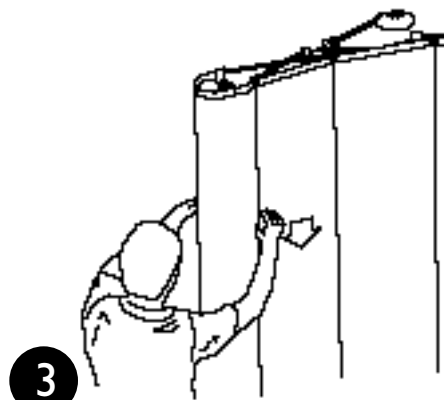
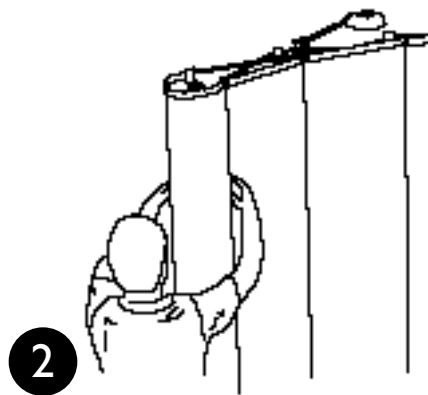
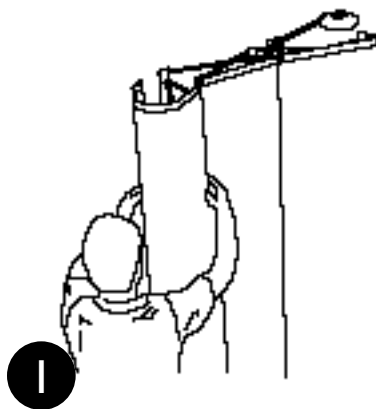


End Panel



- 1** Lift panel and guide front notch of plastic plate over front peg at top of frame.
- 2** Hook the other side on the panel peg at the back of the frame.
- 3** Slowly run your hands down the sides of the panel, attaching the magnetic strips to the channel bars and straightening as you go.
- 4** Attach velcro tab at bottom.

Steps:

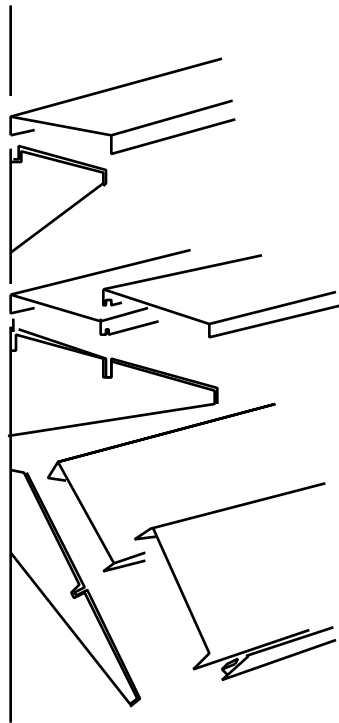


Shelving

Single Shelf

Double Shelf

Literature Shelf



1

From the bottom, pull the panel away from the frame to expose the slots in the channel bar.

2

Insert bracket tabs into the slots and snap down into place.

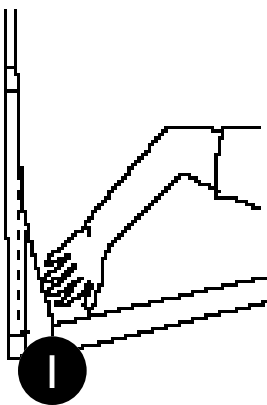
3

Place the second bracket level with the first. Attach each shelf with the notches facing the back. Secure each shelf by making sure it is pressed down into the slots in the brackets.

4

Snap the literature strip onto the front edge of the shelf.

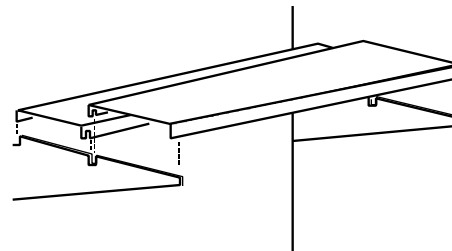
Steps:



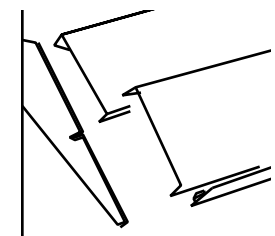
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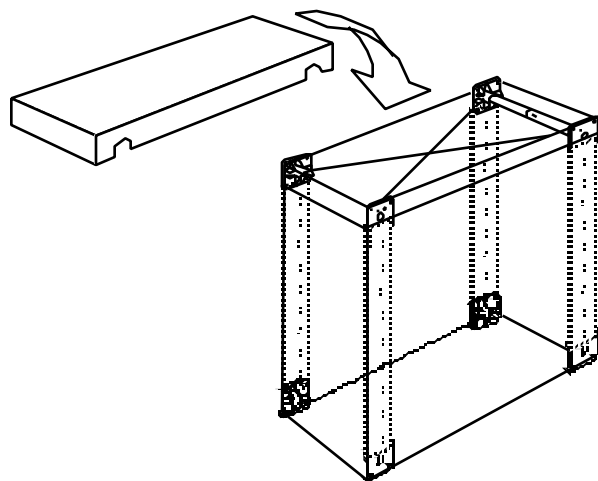
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4

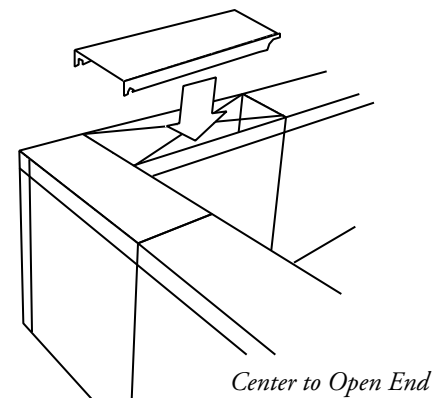
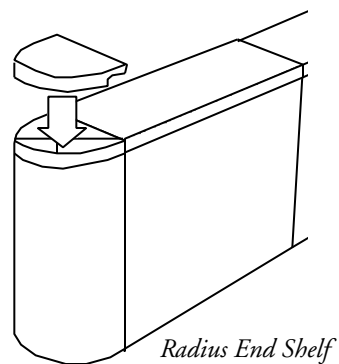
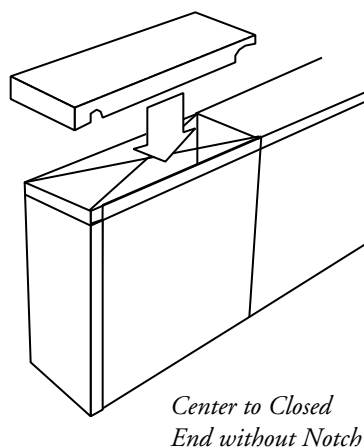
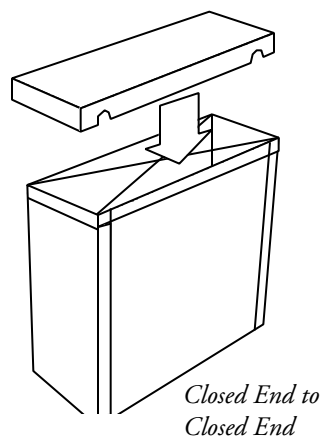


Top Shelves

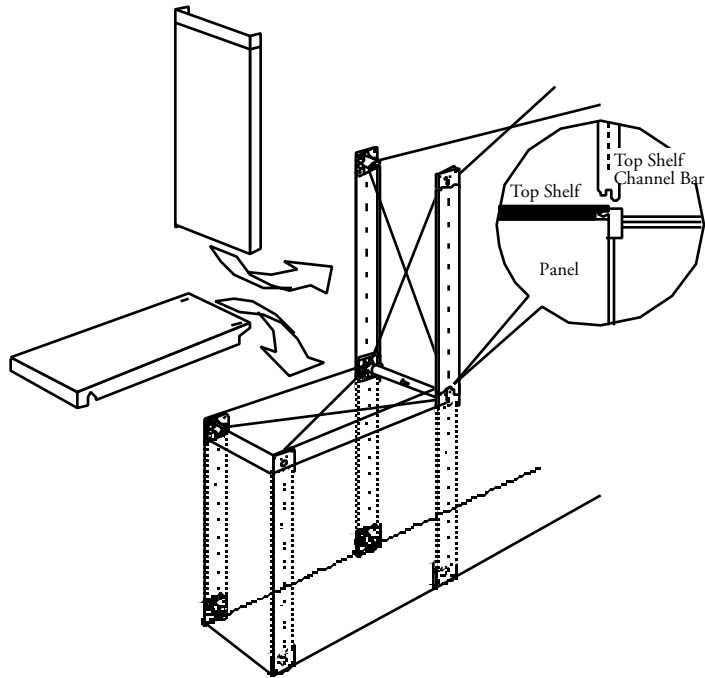


- 1 Place regular channel bars all around below Top Shelf area.
- 2 Install front and end panels below Top Shelf area.
- 3 Install Top Shelf.
(Top Shelf covers top plastic plates of panels below)

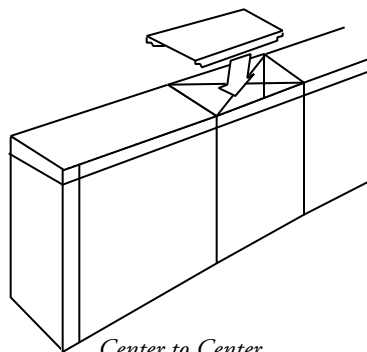
Types:



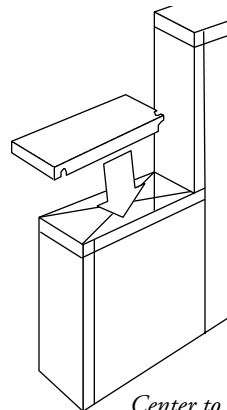
For step-down units:



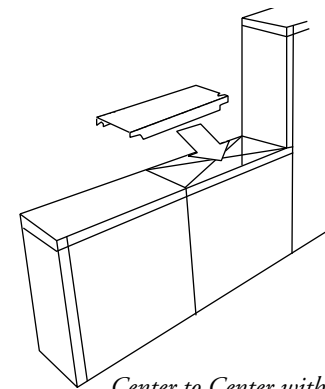
- 1 Place regular channel bars all around below Top Shelf area.
- 2 Install front and end panels below Top Shelf area.
- 3 Install Top Shelf.
(Top Shelf covers top plastic plates of panels below)
- 4 Install Top Shelf channel bars.(note:right and left)
Tabs at bottom of Top Shelf channel bars fit into slots on top shelf.
- 5 Install End panel.



*Center to Center
without Notch*

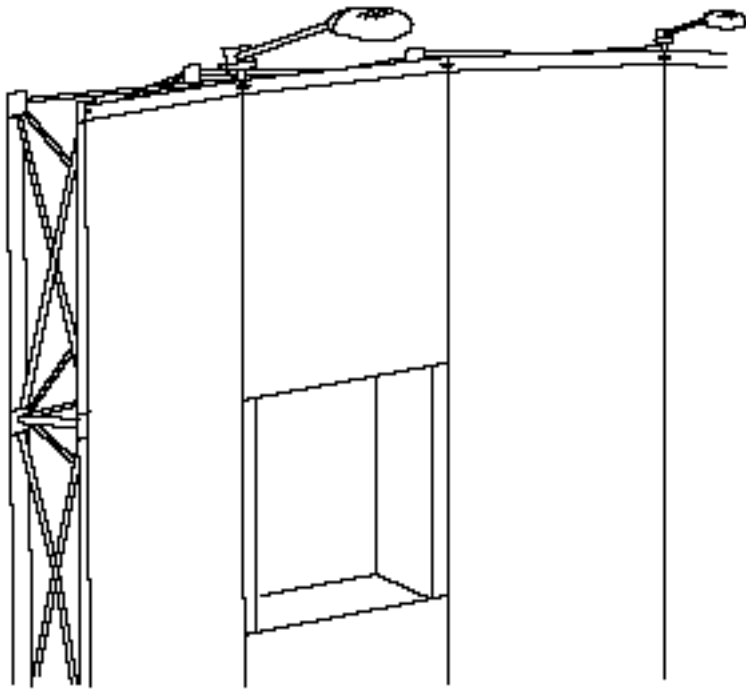


*Center to Closed End with
Notch /Slots*



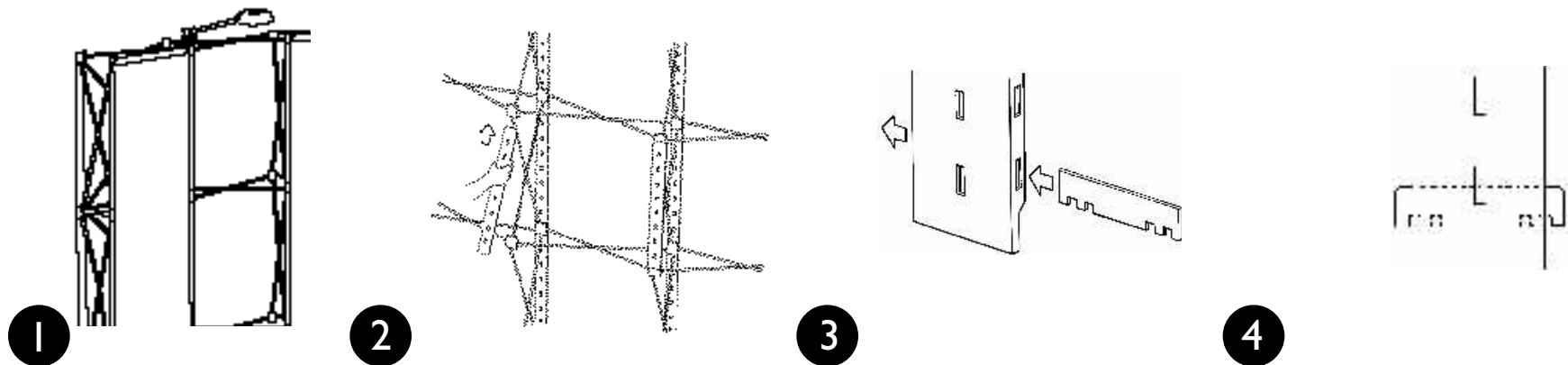
*Center to Center with
Notch /Slots*

Inner Shelf



- 1 Set up unit leaving inner shelf area open.
- 2 Attach channel bars to the hubs on the back of the inner shelf area.(rear side of frame shown.)
- 3 Slide one inner shelf bracket into the bottom side slot in each of the four channel bars. Note: Your exhibit may have horizontal channel bars instead of inner shelf brackets.
- 4 Make sure the brackets are fully seated.

Steps:



5

Place the metal shelf down over the brackets.

6

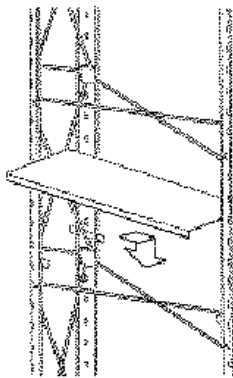
Use the trim panels to cover the exposed inside frame.

7

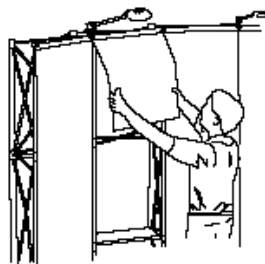
Attach the upper and lower half panels above and below the inner shelf. Magnetize the top edge of the bottom panel to the front lip of the inner shelf.

8

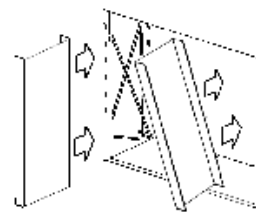
From the rear of the frame, velcro the mini reverse back panel to the trim panel flaps.



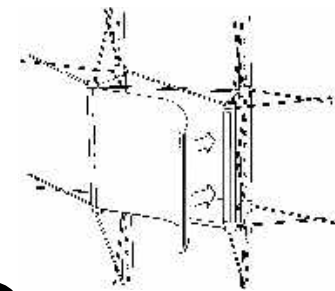
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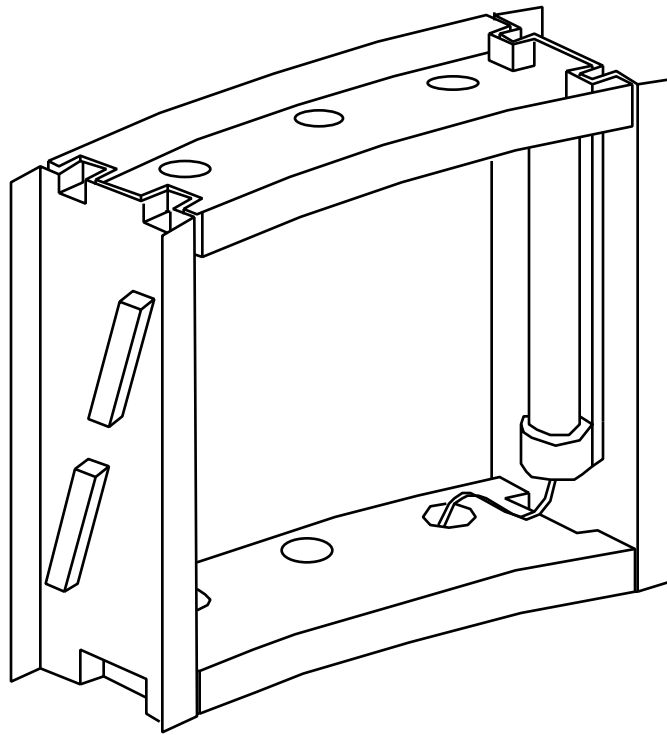


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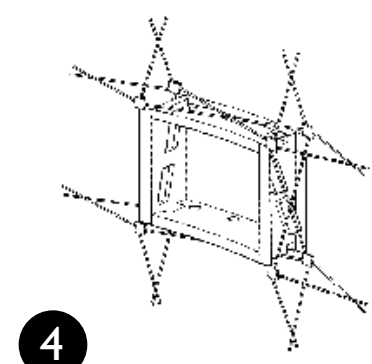
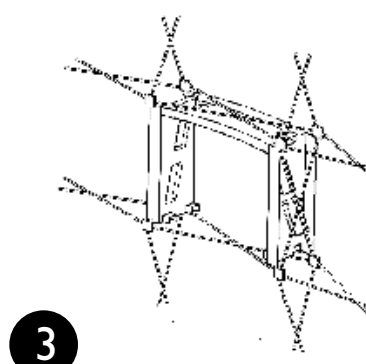
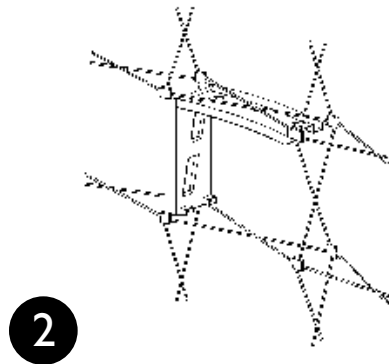
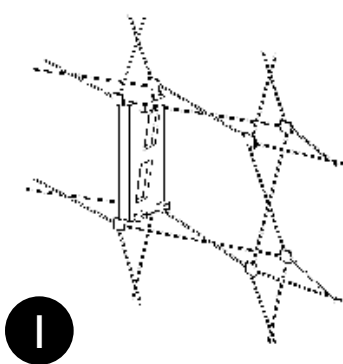
8

Light Box



- 1** Insert panel number one over the aluminum tubes and between the hubs. Hold in place.
- 2** Insert panel number two under the aluminum tubes and mate the left end of panel two to the end of panel one. Hold in place.
- 3** Insert top end of panel number three under right end of panel two. Panel three should fit over aluminum tubes and between hubs.
- 4** Fit panel number four between panels one and three so that they connect.

Steps:



5

Velcro the fluorescent light fixtures to panels numbered one, two and three. Be sure the cords on the side panels are located at the bottom.

6

Pull the cords through the holes in the light box panels. Plug the cords into one extension cord and then to the plug strip.

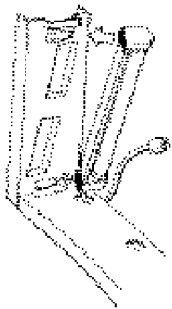
7

Attach the front panels starting with the top first, the backlit panel second, and finish with the bottom panel.

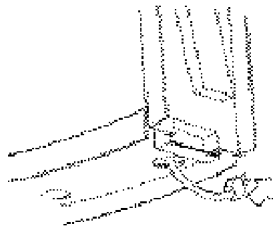
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Attach the channel bars to the back of the frame just behind the light box. Attach the white reflector panel with the magnetic strips to the back of the light box.

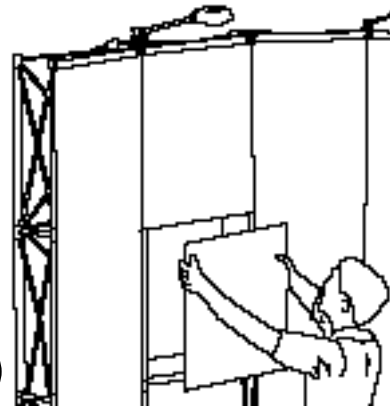
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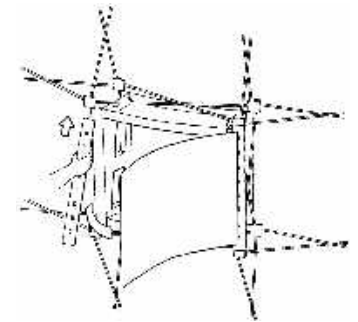
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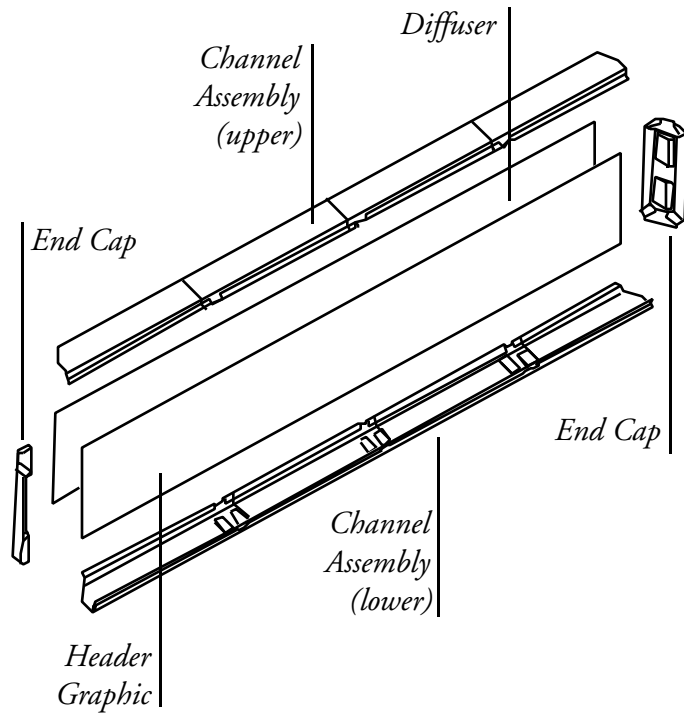
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8

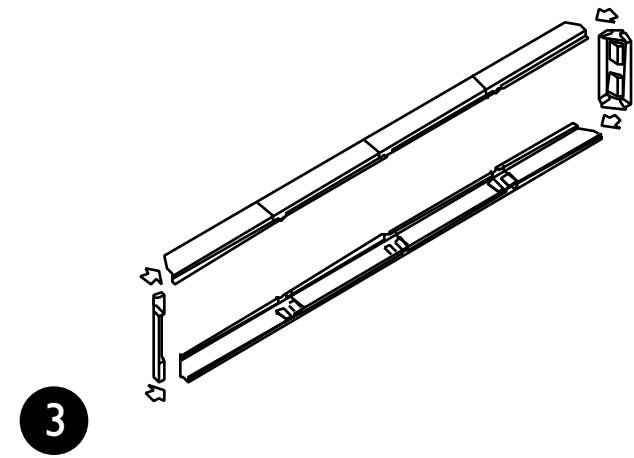
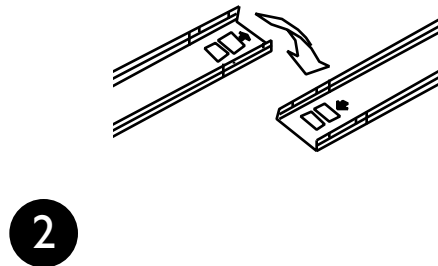
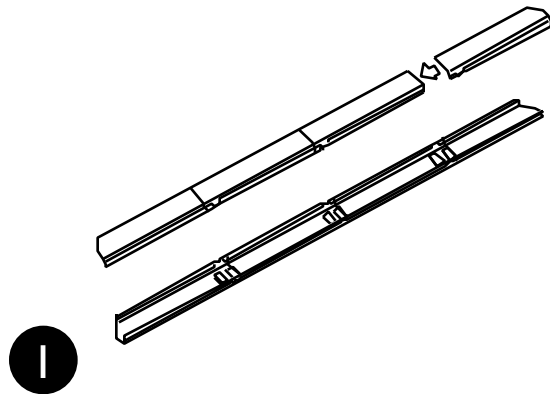


Backlit Header I



- 1 Using the header structure pieces, assemble the longer “upper and lower” sides first.
- 2 Match colored arrows and press to engage velcro.
- 3 Attach ends to the upper and lower sides by matching arrows and pressing together.

Steps:



4

Roll up diffuser panel making sure the velcro is on the outside. Matching the velcro end to the velcro end on the frame, slowly unroll the diffuser while guiding your hands along the edge to maintain an even edge (Press to secure).

5

Turn the frame and diffuser over and repeat step 4 using the graphic header. Make sure to mate the white velcro of the graphic header with the white velcro of the header frame. Align edges carefully as you unroll the header (Press to secure).

6

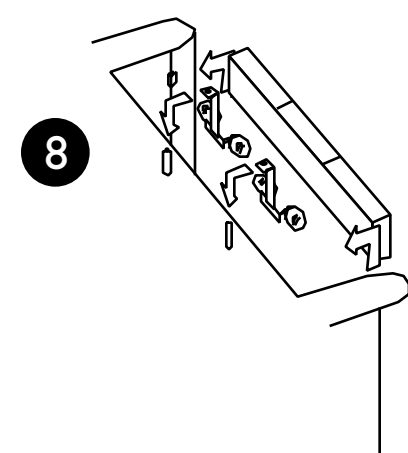
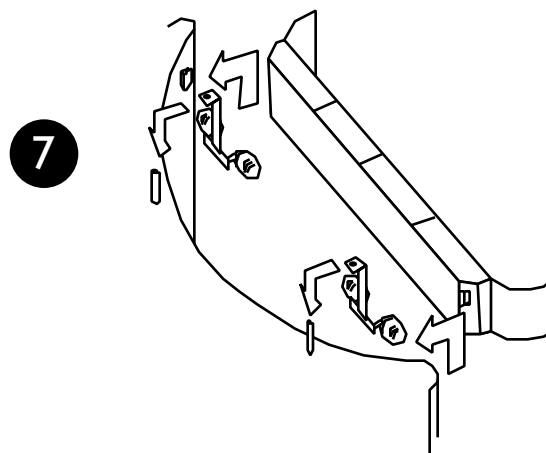
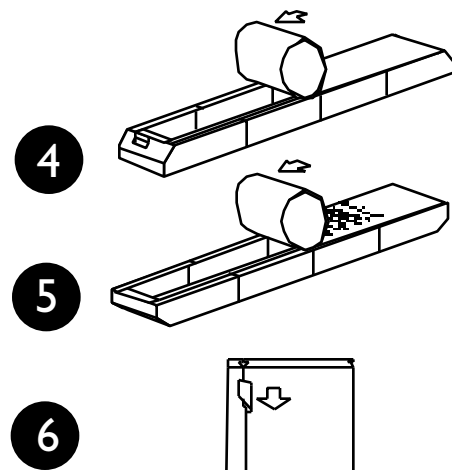
Insert the bracket into the top two slots of the channel bar. Make sure to check that the height is even and the open bracket faces out. Repeat on opposite side.

7

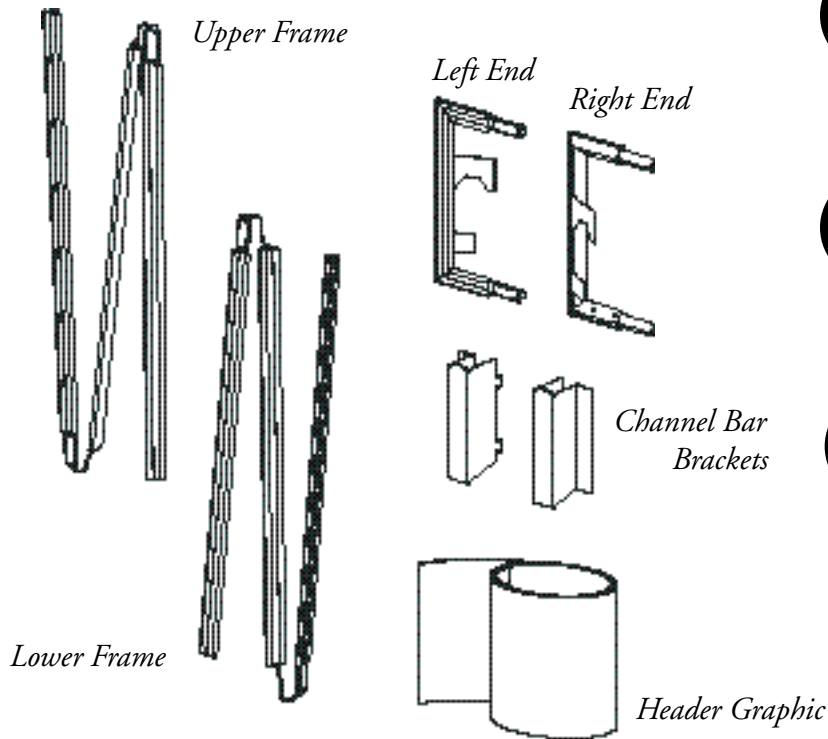
For Curved Frame Header: Swing up light posts at top of unit. Hang backlit header lights on light posts. Drape cords over back of unit. Lift header onto the brackets until they are seated within the slots at the end of the backlit header frame. Velcro header flap onto end panel.

8

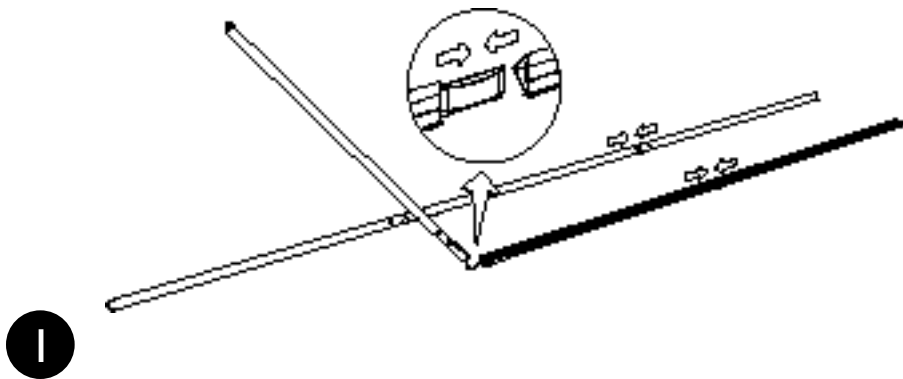
For Straight Frame Header: Swing up light posts at top of unit. Hang backlit header lights on light posts. Drape cords over back of unit. Lift and slide header down onto the brackets until they are seated within the slots at the end of the backlit header frame.



Backlit Header II



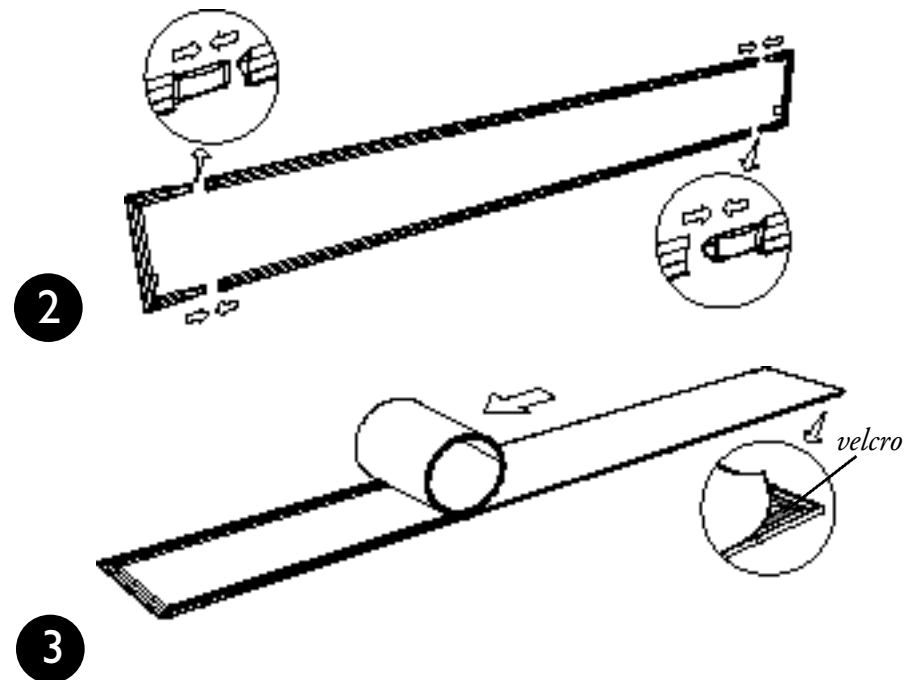
Steps:



1 Assemble the upper and lower straight sections by inserting A side (with metal spring) into B side, as shown in detail illustration below.

2 Insert the U-shaped left end piece into the ends of the assembled straight sections. Insert the U-shaped right end piece into the ends of the assembled straight sections.

3 Place the assembled frame on the floor with the velcro side facing up. Roll up the graphic panel, making sure the velcro is on the outside. Matching the end of the graphic to the end of the frame, slowly unroll the graphic while guiding your hand along the edge to keep it even. Press to secure.



4

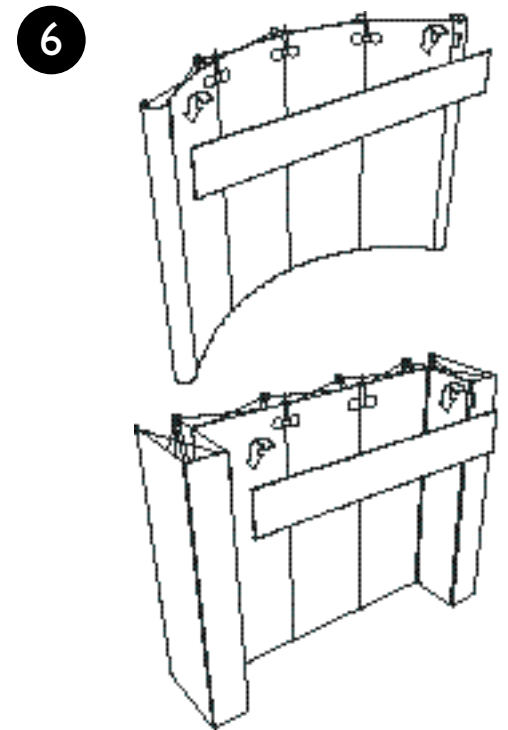
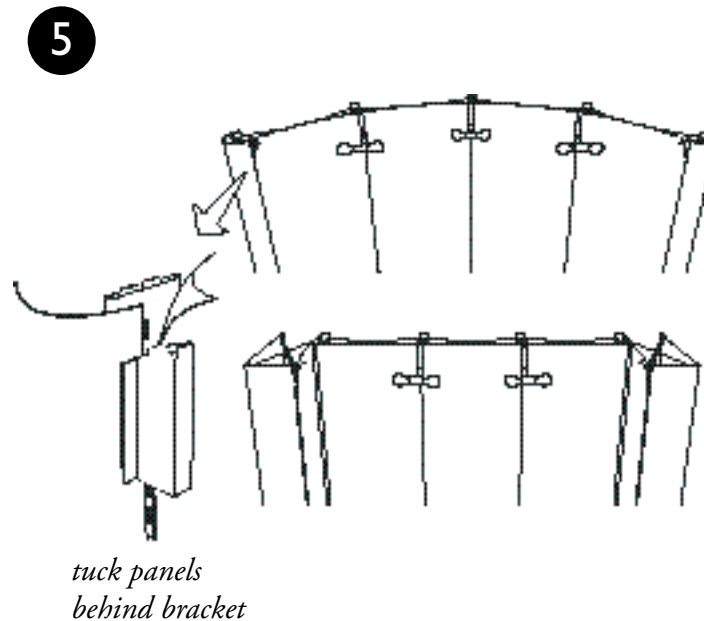
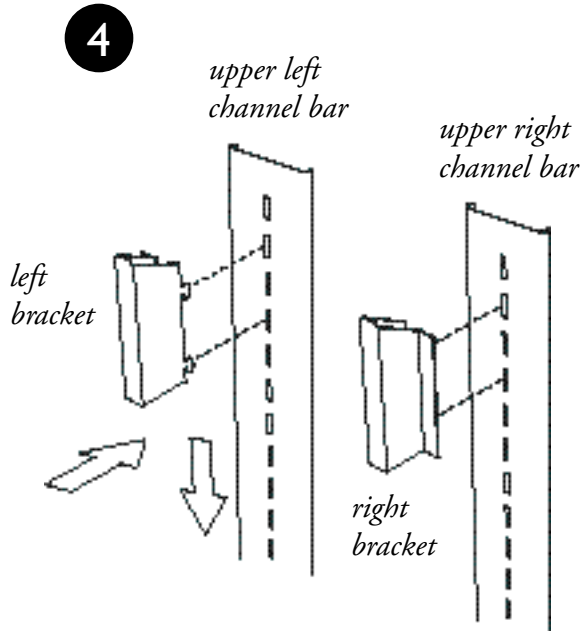
Intall lights on backwall frame, then expand (see Abex 300 series manual, page 6). Before placing upper left and right channel bars onto frame, insert brackets into second slot of each channel bar, as shown in figure 4. Attach channel bar/bracket assemblies to left and right side of frame. Bracket flanges should face out.

5

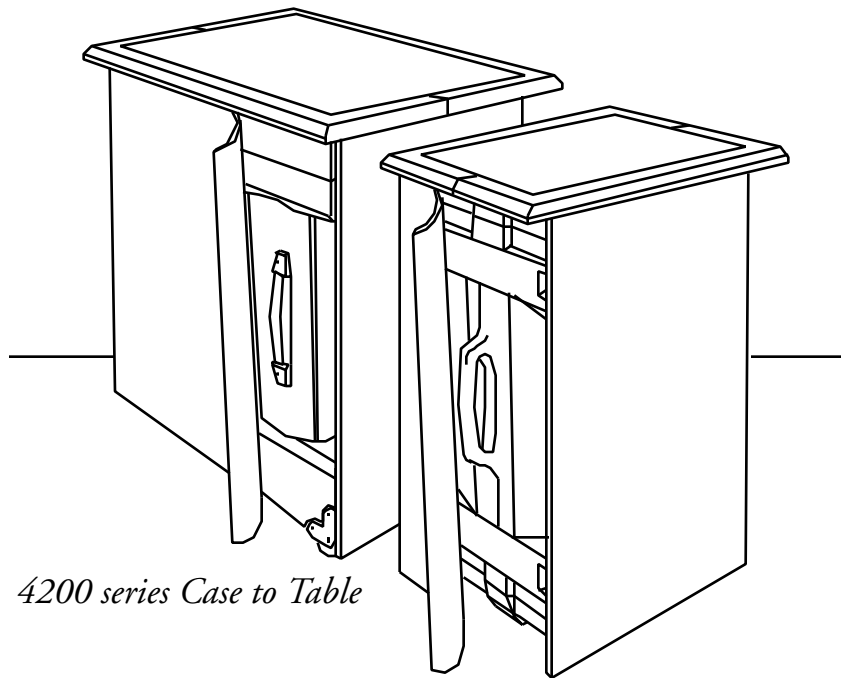
When hanging fabric panels on channel bars, be sure to tuck panel edges behind header brackets as shown below.

6

Lift the assembled header onto the brackets on the backwall. Minor adjustments to the brackets will seat the header flush against the backwall.



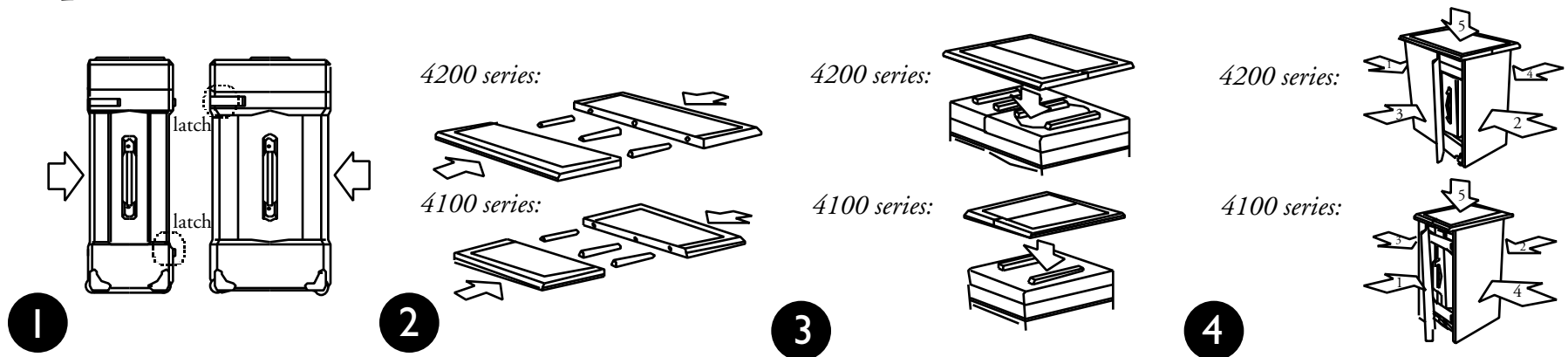
Case Conversion Kits - 4100 and 4200 Case Series



4200 series Case to Table

4100 series Case to Pedestal

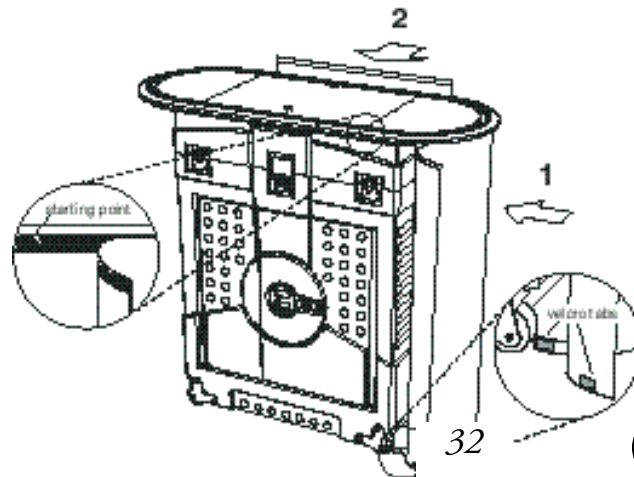
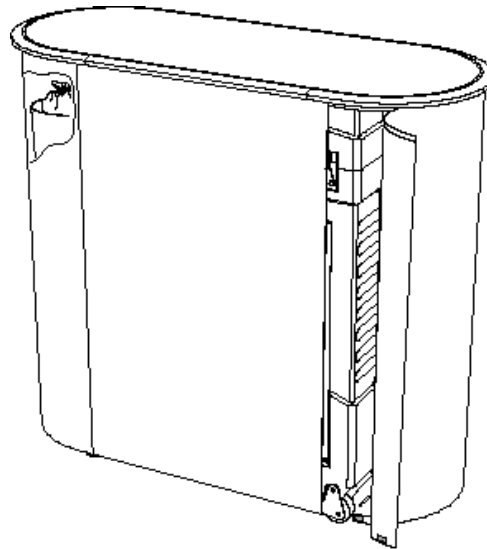
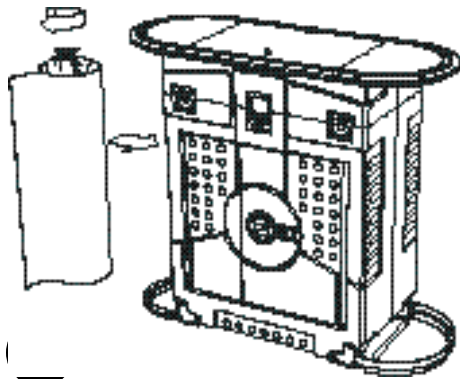
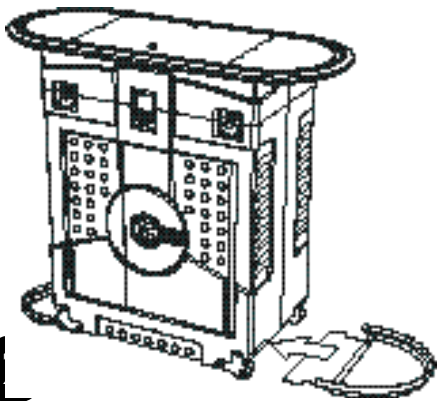
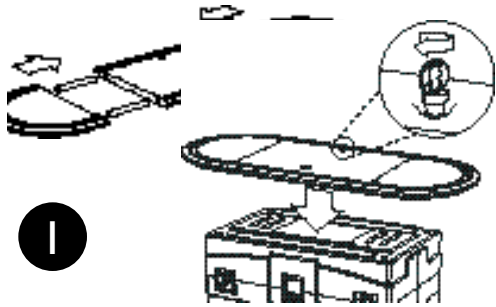
Steps:



Case Conversion Kit - 4300 Case Series

4300 series Case to Table

Steps:



1

Slide on the radius table top sections. Place the assembled table top onto the case. The top will interlock with the ridges on the top of the case. Secure the table top to the case by using a coin to tighten the two fasteners.

2

Lift the end of the case slightly and slip an end tray underneath the wheels. Repeat for the other side.

3

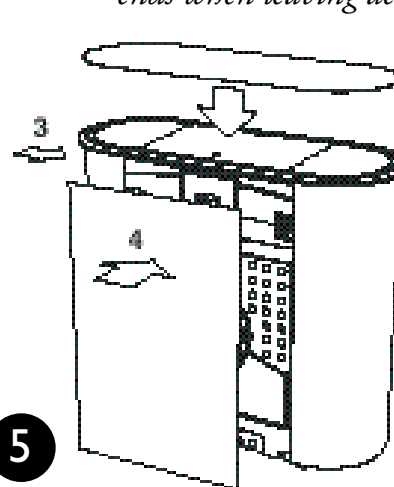
Roll the panel liners together to form a cylinder. Store case bags in the cylinder. Place the cylinder adjacent to the case under the table top overhang.

4

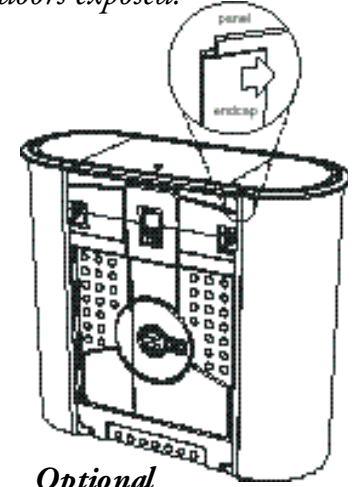
Attach radius end panel(1) to the velcro strip along the underside of the top. Be sure to align panel with starting point. Attach flat rear panel(2), attaching the magnetic strips to the edge of the radius end panel(1).

5

Repeat procedure with another radius panel(3) and flat front panel(4). Velcro blotter to the top of table. *Optional: Add End Caps to panel ends when leaving access doors exposed.*

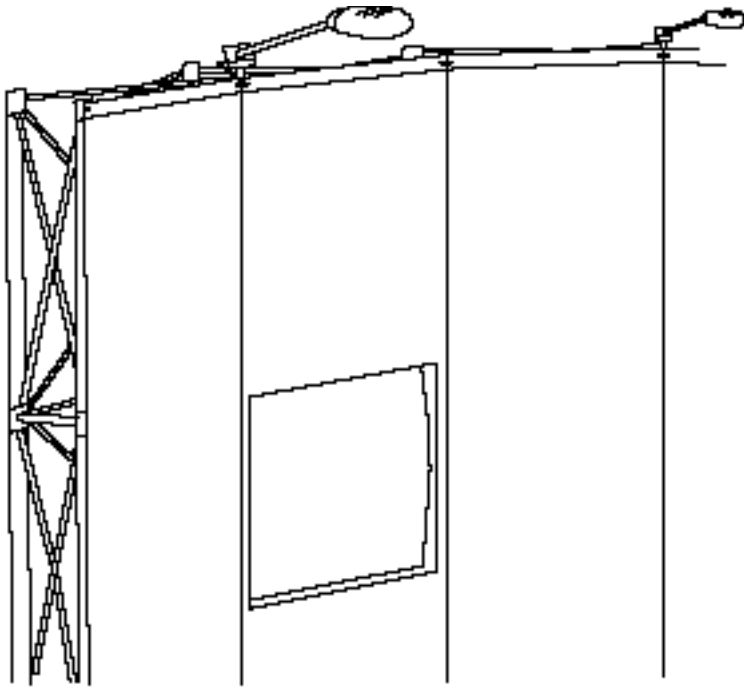


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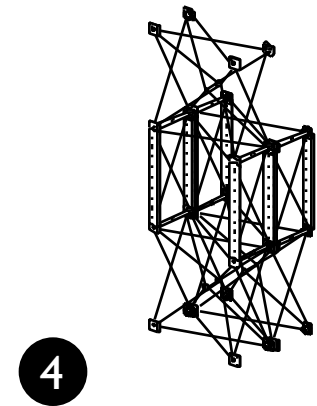
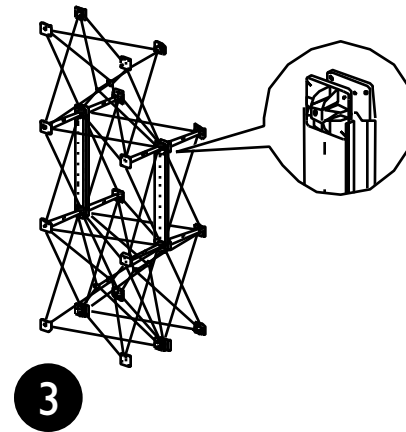
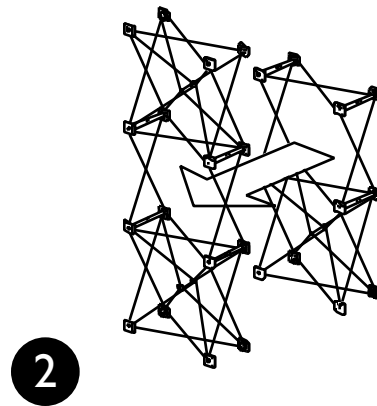
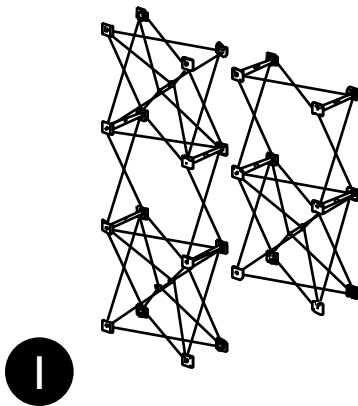
Optional

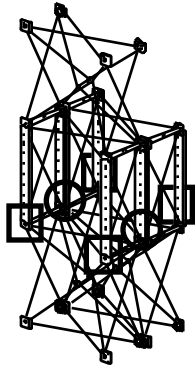
Monitor Stand



- 1 Set-up both the main frame and the monitor frame.
- 2 Locate the monitor frame at the back or front of the main frame as designed until the hubs are face to face. On curved frame models, the wider sides face each other.
- 3 Use the face to face channel bars to connect both frames together. Slide the channel bar on to the upper hubs first then down onto the lower hubs.
- 4 Attach regular channel bars all around level where monitor is to be placed.

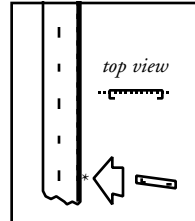
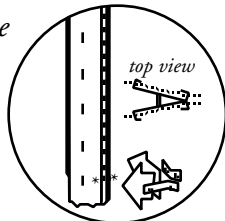
Steps:



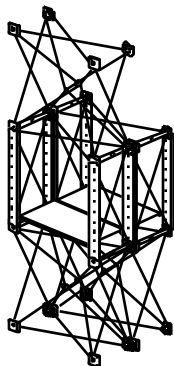
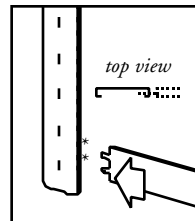
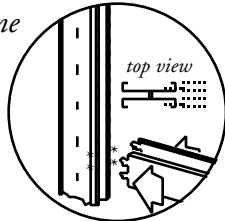


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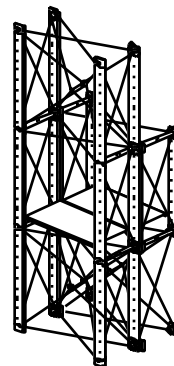
Curved frame



Straight frame



6



7

5

Locate the areas indicated by diagram. On the curved frame model, insert inner shelf brackets in the first slot from the bottom of each channel bar. Brackets in the face to face channel bar must be bent slightly to fit correctly. On the straight frame model, attach horizontal channel bars at the second and third slots from the bottom of each channel bar. (Refer to page 13).

6

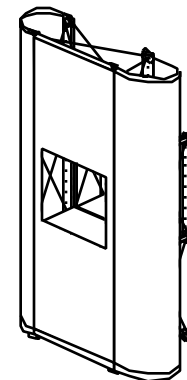
Install the two inner shelves by placing the shelf over either the inner shelf brackets or the horizontal channel bars.

7

Attach remaining channel bars.

8

Place the monitor carefully on the shelves. Attach panels to the display after the monitor is in position.



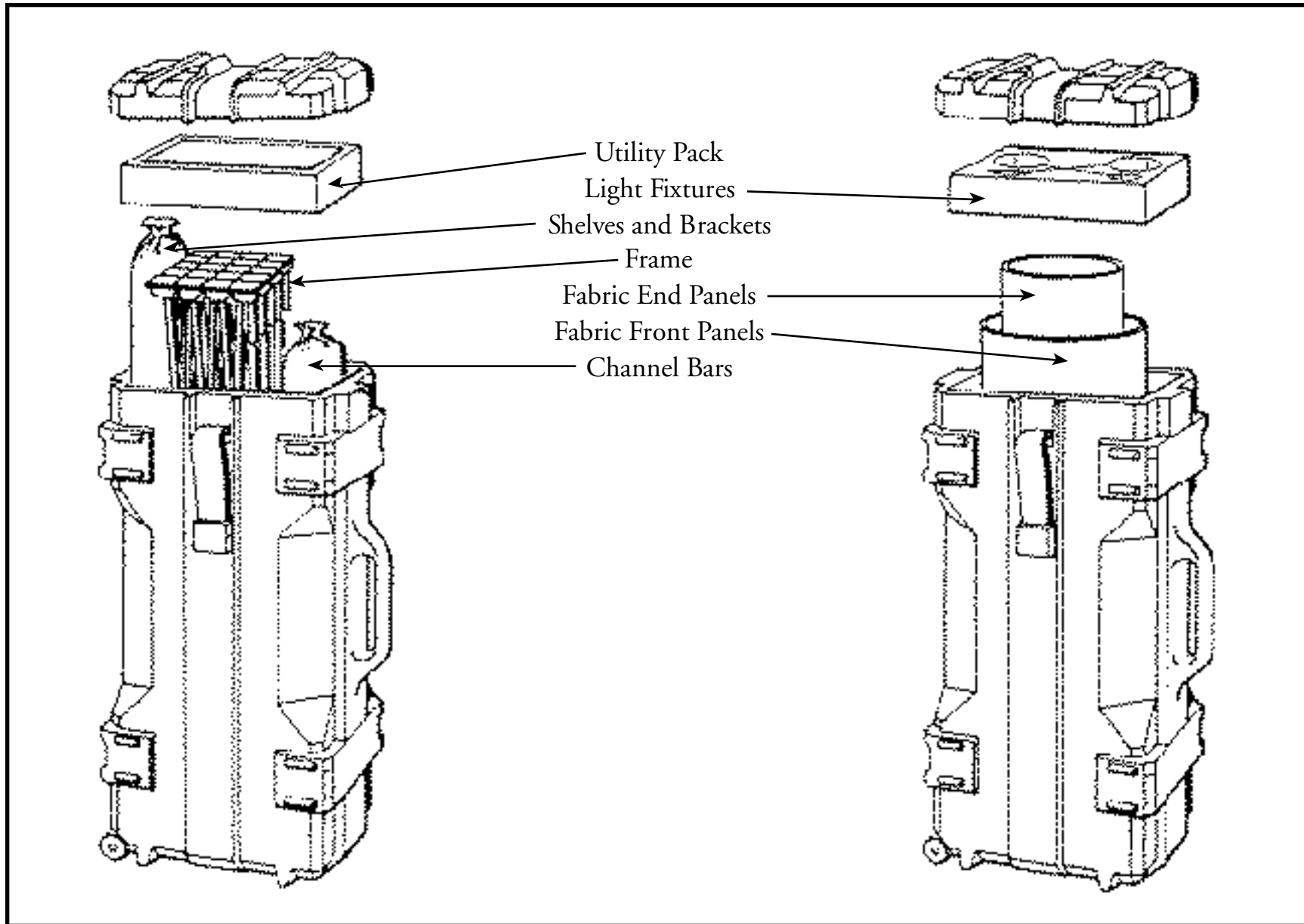
8

Packing Tips

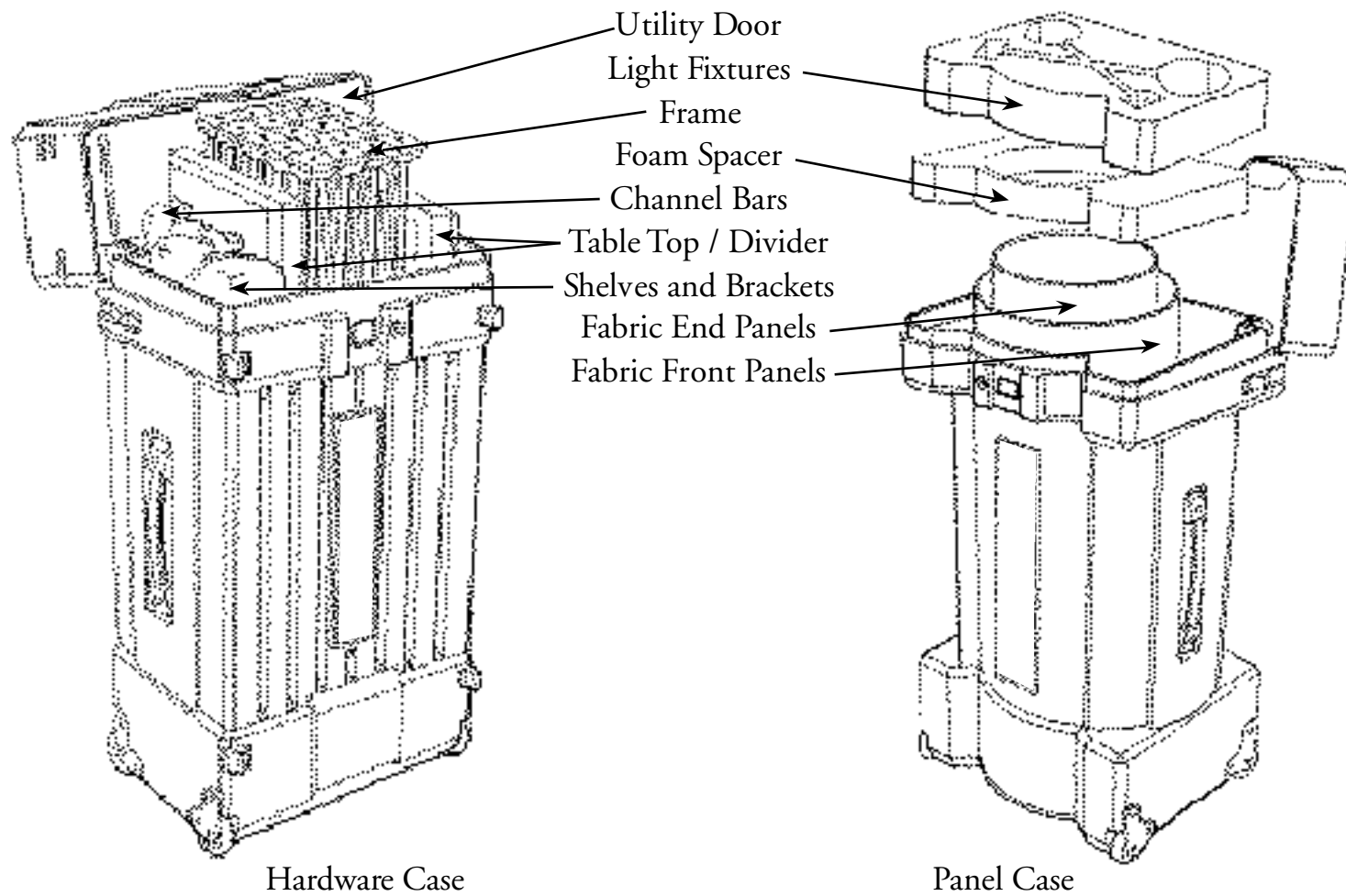
Ease of use was a primary goal of Abex's award winning case design. Use these tips as a guide to simplify your teardown and repacking.

- Make sure frame strap is around frame prior to packing.
- Pack frame in frame bag, channel bars into padded channel bar bag, and any accessories into their respective bags.
- **Case to Table Conversion for 4200 Series Only:** Ends of skirt roll up in panel case before all other panels. Front and back of skirts go in last.
- **Case to Pedestal Conversion for 4100 Series Only:** When packing in cylindrical case, ends of skirt roll up in case first. Front and back panels go in next. Top goes in last.
- Always roll up panels in sets of two, fabric to fabric. Exception: Roll up curved frame end panels in sets of two (with a liner between) fabric side out.
- Do not roll panels too tight. Damage may occur to the magnetic strip adhesive.
- A liner is included if there is an odd number of panels.
- Use the liner as a divider between panels and hardware when packing tabletop displays.
- Photomural panels must always be individually rolled image side out with the slip sheets that are provided.
- Cases may be strapped together for easy transport.
- The following pages diagram packing locations for the majority of Abex 300 series product line. You may receive specific packing instructions should you have a custom display.

Packing (4100 Cases)

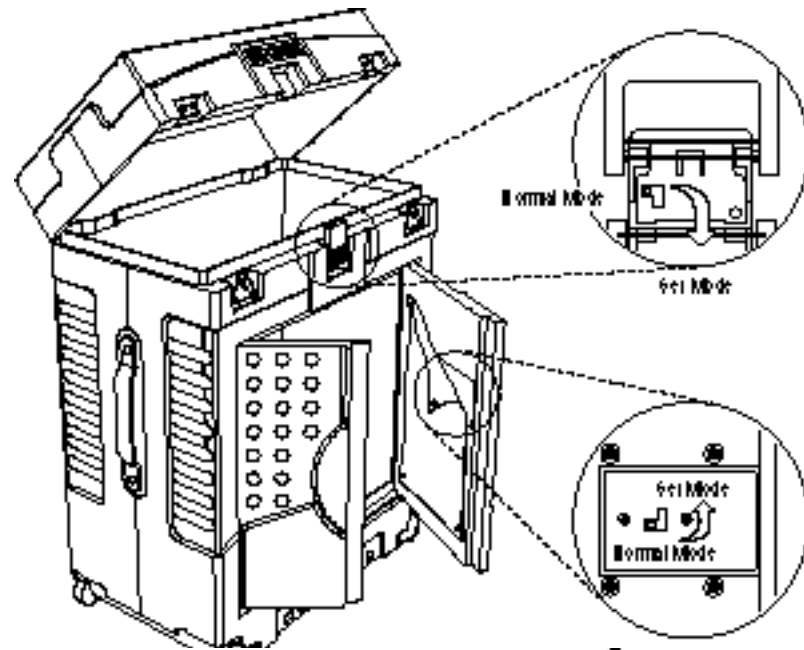


Packing (4200 Cases)

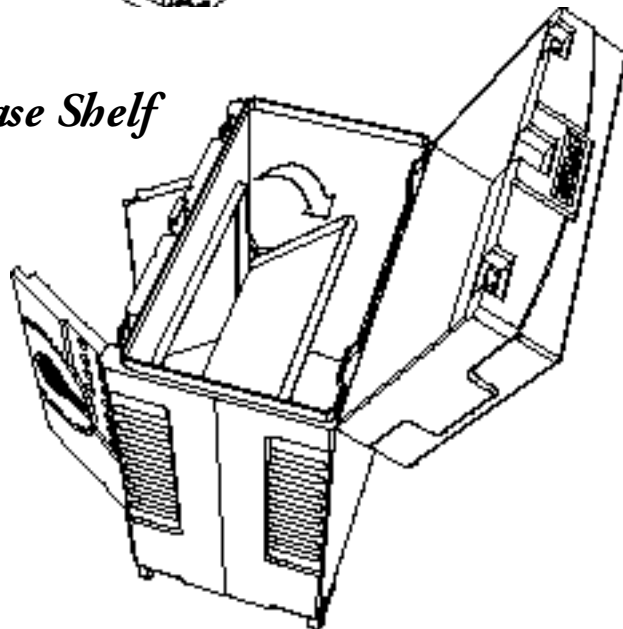


4300 Instructions & Packing

Changing Combination Locks



Case Shelf



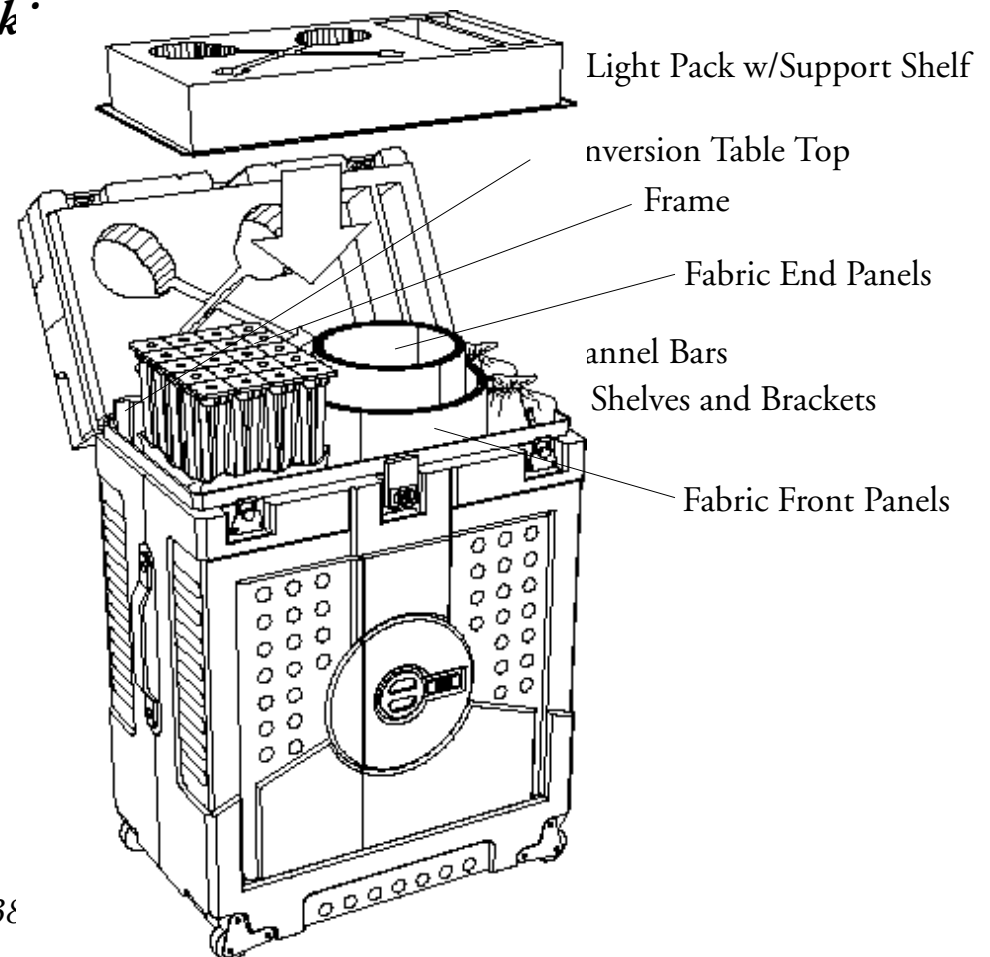
Slide and lower the shelf into position.
Shelf may be removed if desired.

Changing Combination Locks:

Upper Lock: Lift latch upright to expose underside of lock. Move the metal tang from the Normal position to the Set position. Lower latch and set desired combination on lock. Lift latch and move the tang back to the normal position.

Lower Lock: Open case doors and unsnap the accessory pouch. Locate metal tang in hole on lock backplate. Move the metal tang from the Normal position to the Set position. Set desired combination on lock. Move the tang back to the normal position.

Pack



Care and Maintenance

Your Abex 300 series display system is virtually maintenance free. In order to insure that your display is always looking its best we recommend these basic care procedures:

- Avoid extreme bending of panels or permanent creasing will occur.
- Return display to room temperature before handling.
- Do not leave display in direct sunlight or trunk of auto.
- Do not subject display to extreme heat or cold.
- Store display upright at room temperature.
- Clean magnets with a damp cloth to refresh magnetization.
- Use brush to restore fabric nap.
- Sponge off stains with household detergent or spot remover fluid.
- Use adhesive lint remover to remove dust from fabric panels.