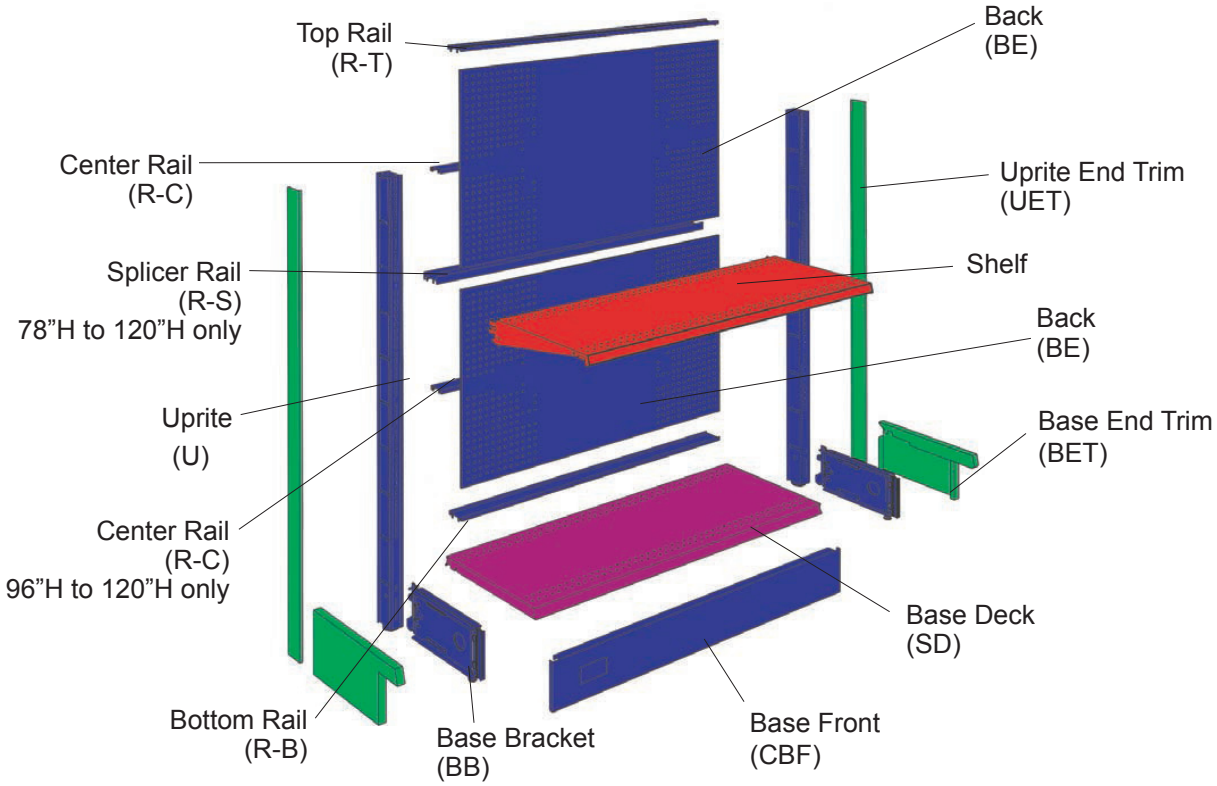
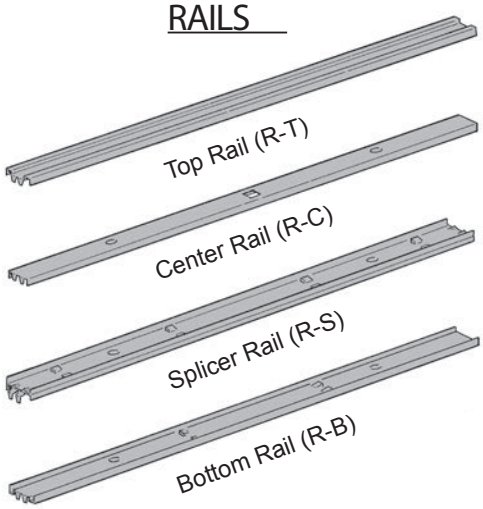
Display Shelving Installation Instructions



OPTIONAL EQUIPMENT CHECKLIST

- — Leveling Leg Wrench (provided)
- — Carpenter’s Level
- — Screwdriver (Standard)
- — Wedges (not provided) See Step 9 on page 13 for size
- — Rubber Mallet and Hammer
- — Measuring Tape
- — Chalkline
- — String or Dry Line

RAILS



COMPONENTS

NOTE:
Low Base Components have LB after part numbers.

06 Base Components have 06 after part numbers.

Optional Anchoring Wall Section

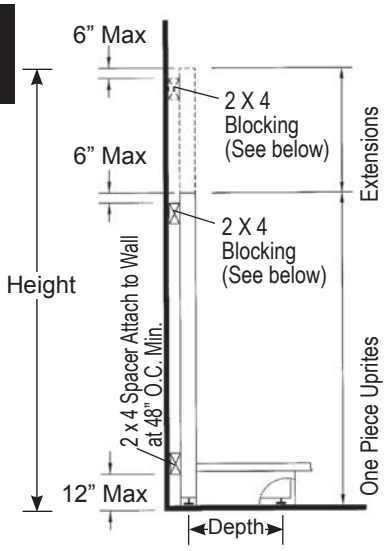
ANCHORING INFORMATION

Anchoring of all Wall Sections is recommended for limiting deflection under loaded conditions, and is required when the fixture height exceeds the depth by a ratio of 6 to 1. Anchoring does not increase the unbalanced load capacity of the fixture.

The purchaser of the fixture is responsible for determining the suitability of any specific wall or structure to which shelving is anchored, for the selection of and/or proper installation of the anchoring fasteners, hardware and materials, and for the workmanship of those performing anchoring. These guidelines are meant to illustrate typical types of anchoring and do not constitute any endorsement by Lozier of any specific anchoring application. Each application will vary due to the building structure and materials used for anchoring. Professional advice from a registered professional engineer should be sought for each anchored installation.

As a guideline, anchoring should be located as shown in these illustrations. Anchoring situations other than those illustrated may be encountered. Extreme care must be taken to insure that the building wall or other structure is solid and suitable for anchoring and will support the load being anchored to it.

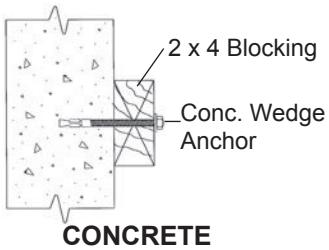
WARNING:
Do **not** use plastic or fiber anchors, concrete nails or regular nails.



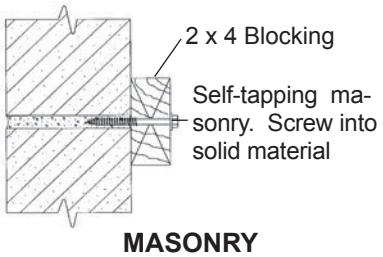
BLOCKING LOCATIONS

Additional blocking may be required for a given application, to be determined by site architect or professional engineer.

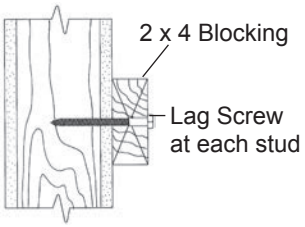
METHODS FOR ATTACHING BLOCKING TO WALL



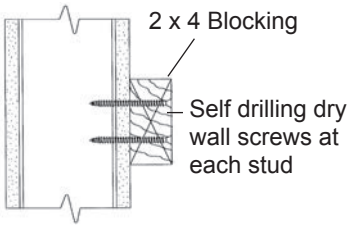
CONCRETE



MASONRY
(Concrete block, brick, etc.)



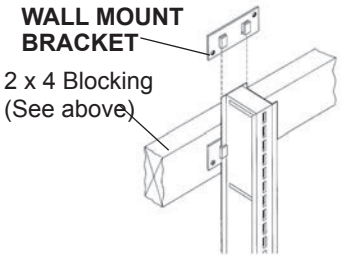
WOOD STUD WALL



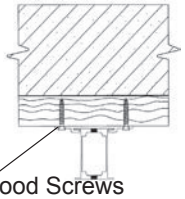
METAL STUD WALL

Size and quantity of fastener to be determined by site architect or professional engineer.

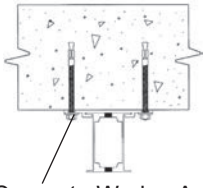
METHODS FOR ATTACHING UPRITE TO BLOCKING WITH WALL MOUNT BRACKETS



ALL TYPES OF WALL WITH BLOCKING

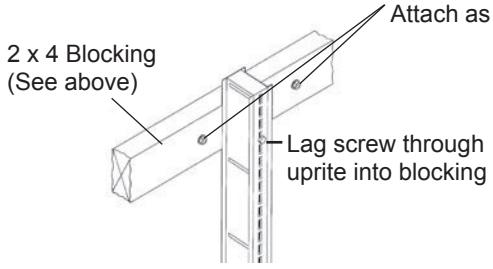


DIRECTLY TO CONCRETE WALL

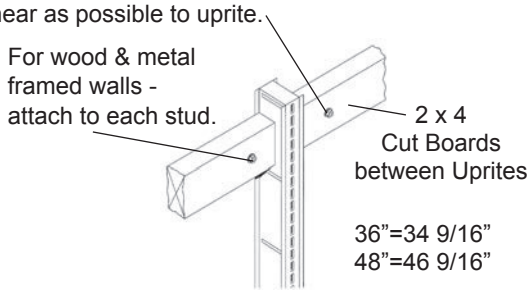


Size and quantity of fastener to be determined by site architect or professional engineer.

METHODS FOR ATTACHING UPRITE TO BLOCKING WITHOUT WALL MOUNT BRACKETS



2 x 4 CONTINUOUS BLOCKING BEHIND UPRITES



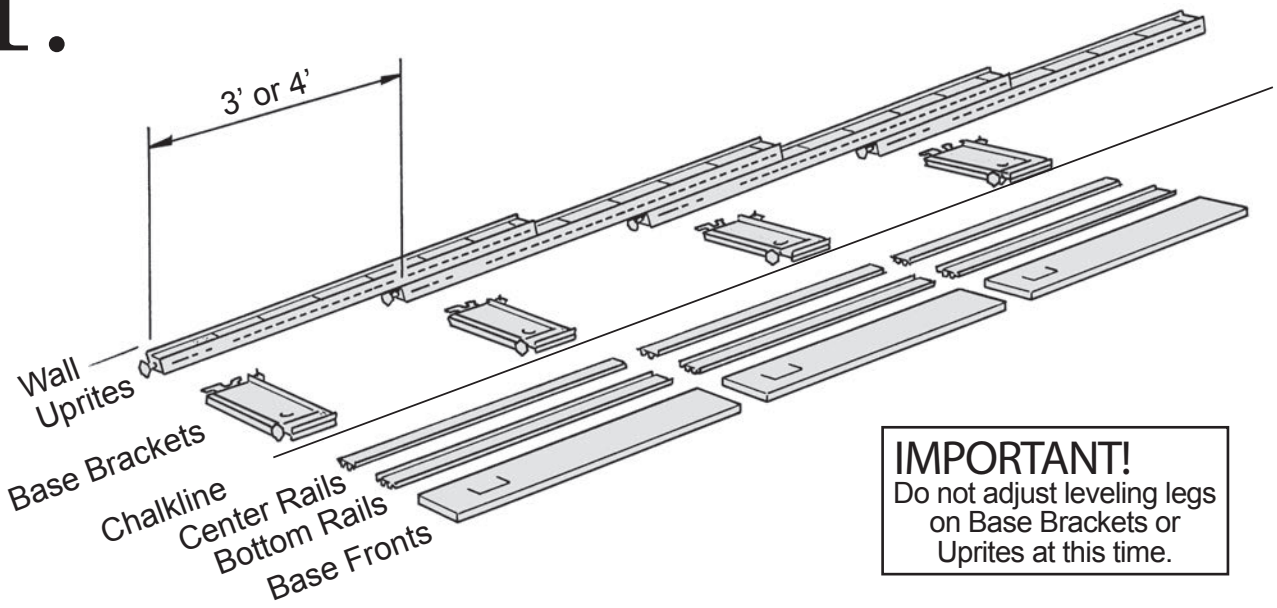
2 x 4 BLOCKING BETWEEN UPRITES

Size and quantity of fastener to be determined by site architect or professional engineer.

Wall Section Installation

Please read each step carefully!
Refer to Component Breakdown on page 1 before starting.

1. Snap chalkline on floor in desired location of shelving run.

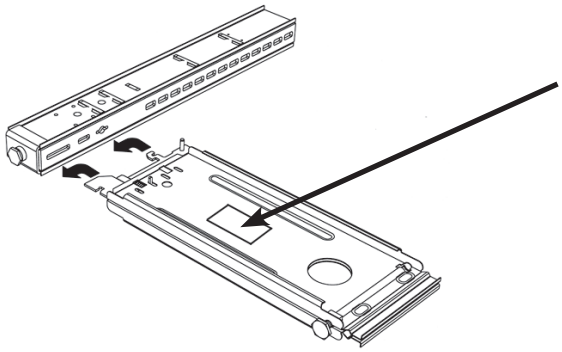


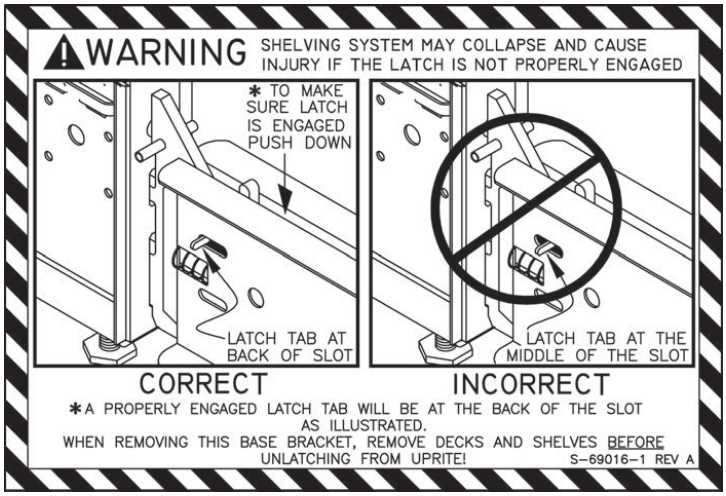
IMPORTANT!
Do not adjust leveling legs on Base Brackets or Uprites at this time.

2. Lay out parts along chalkline as shown. At this point you will need one Back Panel for the first section of each island run. Splicer Rails (for two-piece Backs) and Top Rails will be used in later steps. Base Brackets and Center Rails are painted random colors and may not match the Uprite color.

WARNING! The shelving system may collapse and cause injury if the Base Bracket latch is not properly engaged with the Uprite. A properly engaged latch tab will be at the back of the slot as illustrated.

SPRING LOCKING BASE BRACKET



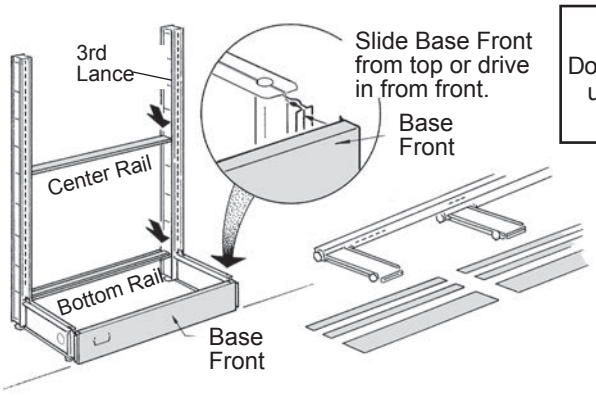


3. Push Bracket fully into Uprite slots, then push down. Latch must fully engage Uprite to lock the Bracket and Uprite together. Check latch tabs on both sides of Bracket. Tabs must be at the back of the slot in the Bracket. Refer to page 4 for removal and replacement of the Bracket.

Wall Section Installation

NOTE: Refer to BACK PANEL INFORMATION on page 4 for Center Rail placement.

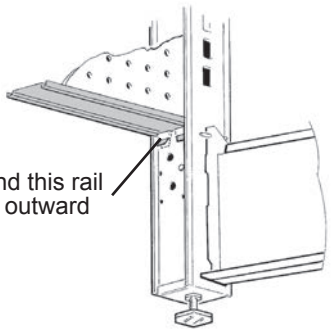
CAUTION: If Telescopic Uprites (TEL) will be installed, see Installation Instruction 09-2 shipped with the TEL for special Center Rail installation instructions that must be followed at this step to assure function of the TEL.



IMPORTANT!
Do not let framework stand alone until a Back Panel is in place. Center Rails must be used.

4. Assemble "framework" of first section by standing first two Uprite/Base Bracket assemblies vertically. Connect them by installing Base Fronts, Bottom Rail and Center Rail as shown.

NOTE: When Wire Grid Backs or Slotwall Backs are to be used, follow instructions packed with Wire Grid Clips or Slotwall Center Rail.



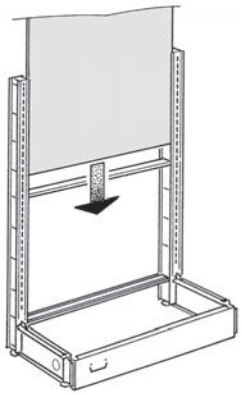
View From Underneath

5. When Backs are only used on one side of the wall section, bend rail tab on opposite side from panel outward.

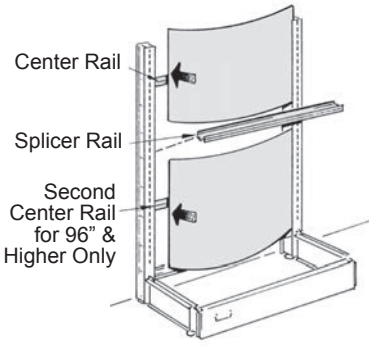
Use care in lowering Back into place. **DO NOT DROP!**

6. Install <u>one</u> Back now for stability. For two-piece Backs, install lower Back Panel at this time. Refer to **Back Panel Information** page I-4 for Back Panel Sizes.

NOTE: Top of Pegboard Backs are marked with a paint stripe. First row of holes are $^{7}/_{8}$" from top edge.



TWO-PIECE BACK DETAIL

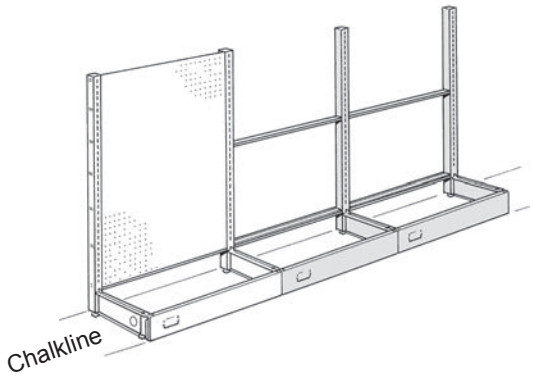


NOTE: If ceiling height is not adequate to drop Panels from top, insert one side edge and flex panel until other edge fits in place.

When two-piece Backs are used, Center Rail is used on upper Back only for heights less than 96". For heights 96" and higher, a second Center Rail is used on the lower Back.

To assemble two-piece Backs (after Center Rails are in place), install both lower Back Panels (refer to Back Panel Information page 4 for proper sizes). Install Splicer Rail over lower Back and install upper Back Panel.

7. Assemble remaining framework along chalkline. Do **<u>not</u>** install remaining Backs yet! Bend Bottom Rail tabs as in Step 5.



8. Leveling Procedure Important For Safe Use of the Gondola and For Proper Fit of Trim and Accessories

WARNING:
Gondola must be leveled and correctly adjusted. Failure to do so may cause shelving collapse and personal injury.

The purpose of the leveling procedure is to have all the Uprites plumb and at the same level along a string line with the Base Bracket leveling legs extended the least amount possible to achieve this result.

8.1 Stretch a string line tightly between the end Uprites using a leveling leg wrench placed in the same slot on each end Uprite.

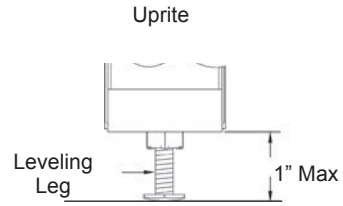
8.2 Find the highest Uprite in the run (it will have the most slots above the string line). By adjusting the Uprite leveling leg, lower this Uprite so the string line matches the same slot as the end Uprites or as low as it can go, whichever comes first.

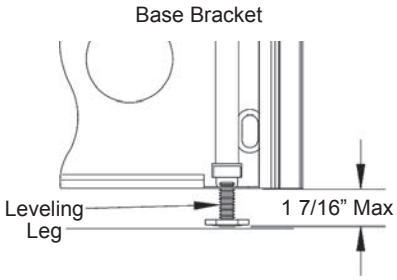
8.3 At this time also make sure that this Uprite is plumb, using a carpenter's level on the face of the Uprite, by adjusting the Base Bracket leveling leg (with a screw driver inserted into the Base Bracket above the leveling leg) to make the Uprite plumb.

8.3.1 NOTE: A rearward Uprite tilt of about 3/4" is recommended for Wall Sections that will be heavily loaded. See illustration below.

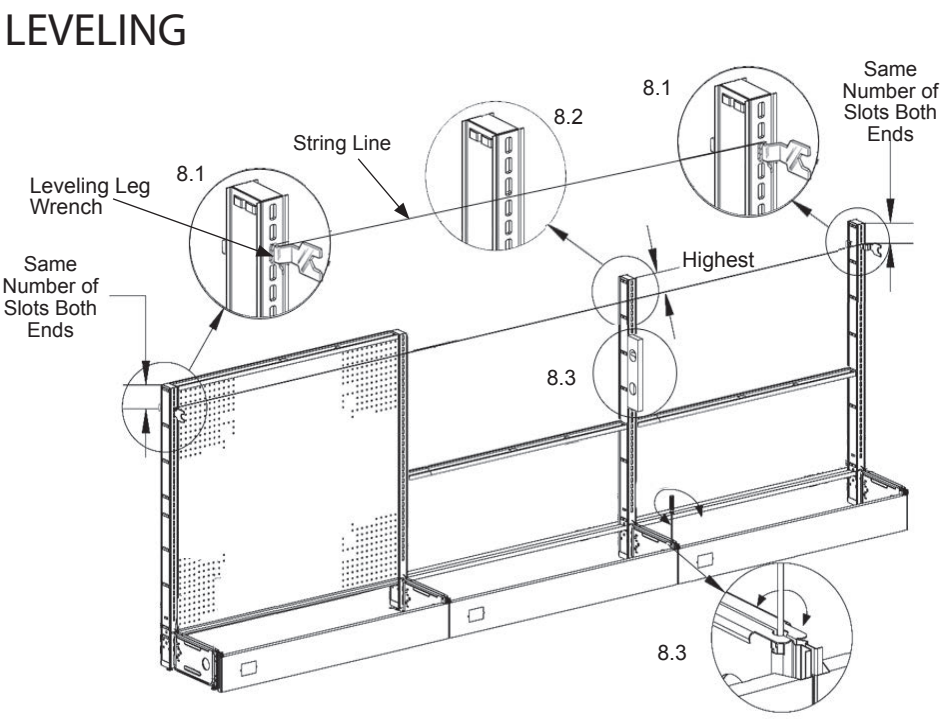
8.4 Adjust all the other Uprites up or down to the same slot on the string line as the Uprite in 8.2 above (including the end Uprites if the Uprite in 8.2 was not able to be lowered enough to match the same slot on the end Uprites). Also make sure that each Uprite is plumb or equally tilted back, as described in 8.3 above.

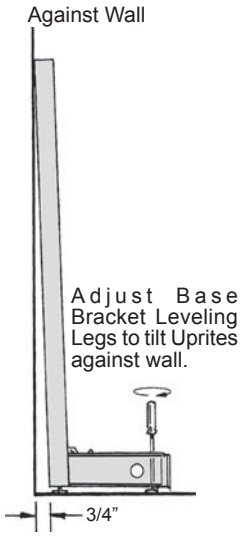
8.5 When done, the string will be aligned with the same slot on every Uprite and all Uprites will be plumb or equally tilted back when checked with a carpenter's level.

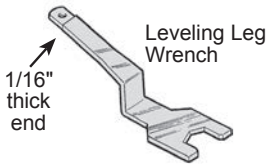




WARNING:
Do not extend Uprite leveling leg more than 1" and Base Bracket leveling leg more than 1 7/16", as shown in illustration to right.

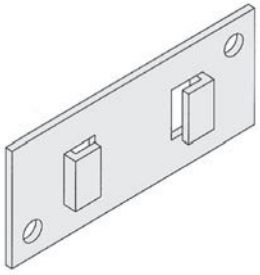






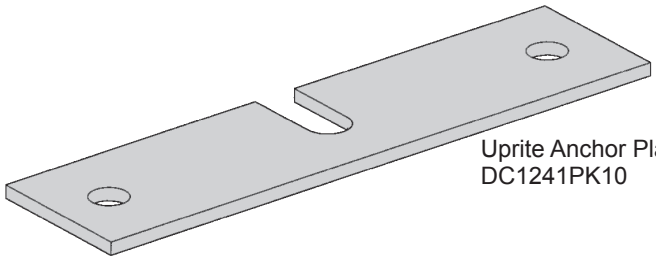
9. At this time, anchor wall sections if required. For anchoring to the floor, refer to **"Overturning Warnings"** on page 7. For anchoring to the wall, refer to **"Anchoring Wall Sections"** on page 8. Anchor Base Brackets of all-free standing Wall Sections regardless of Uprite height to leveler spacing ratio.

AVAILABLE ANCHORING COMPONENTS (Fasteners Not Included)

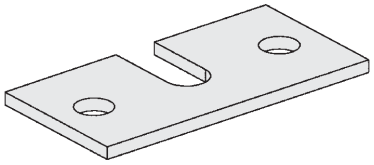


Wall Mount Bracket
DC2191PK20

If a long run (greater than 12') of wall sections is to be anchored to the wall, be sure that the center-to-center distance between uprites is correct. Do this by temporarily installing two continuous levels of shelving before anchoring the uprites to the wall. Failure to do so could result in shelves that do not fit correctly or at all.



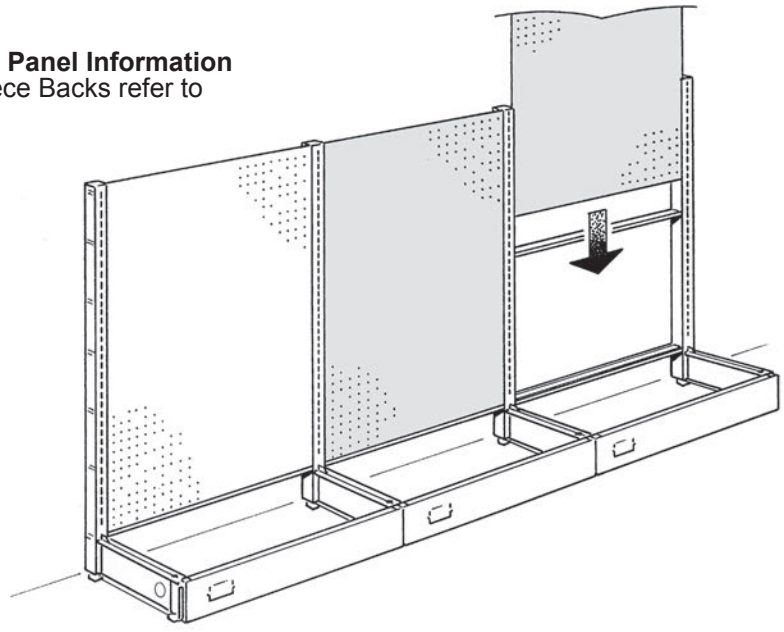
Uprite Anchor Plate
DC1241PK10



Base Bracket Anchor Plate
DC1242PK10

In some fixture installation situations, it is necessary to anchor wall and island sections to the floor. **Anchor plates should be used when the shelving unit exceeds the limits stated in Overturning Warnings (page 7). Anchoring is usually required by building codes for shelving over 5' high in seismic zones 3 and 4. (Contact local building officials for anchoring requirements.)**

10. Install remaining Backs. Refer to **Back Panel Information** on page 4 for proper sizes. For two-piece Backs refer to Detail on Step 6.



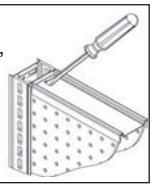
IMPORTANT
For two piece backs use splicer rails as shown in Detail in Step 6.

WARNING! **Do not exceed maximum allowable Pegboard Back loads - see Unbalanced Load Calculations Section 3 Special Warnings.**

Wall Section Installation

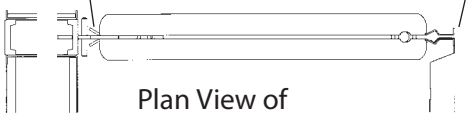
11. Install Base End Trims, Uprite End Trims and Top Rails.

To remove Top Rail pull toward Uprite and lift up. Or, insert screwdriver through Top Rail slot, press its blade against one Top Rail tab, twist Top Rail to disconnect tab. Repeat for other tab.



Top Rails - Tabs on Top Rail must lock in place.

BET must slide behind front and rear flanges on Base Bracket to be properly seated

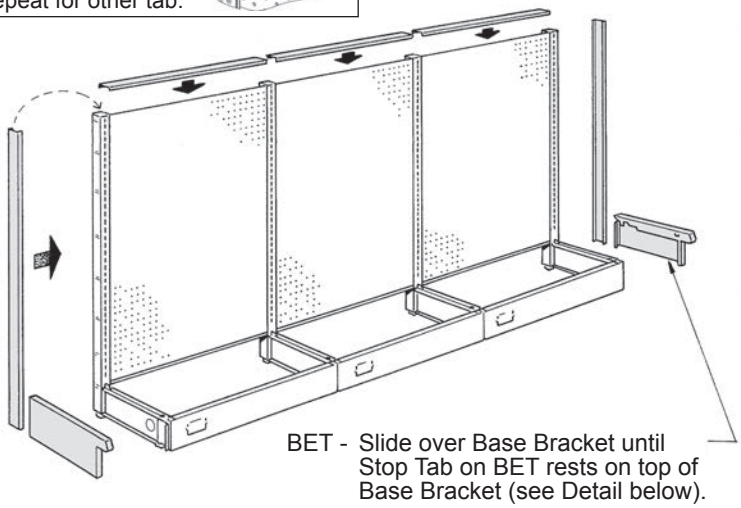


Plan View of Base Bracket

IMPORTANT

Base Bracket End Trim (BET) **must** be installed **before** installing Base Decks.

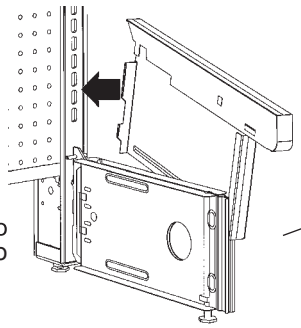
Hook top of Uprite End Trim over top of Uprite, then press on working toward floor.



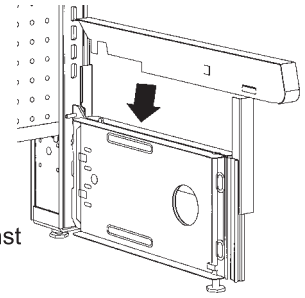
BET - Slide over Base Bracket until Stop Tab on BET rests on top of Base Bracket (see Detail below).

IMPORTANT

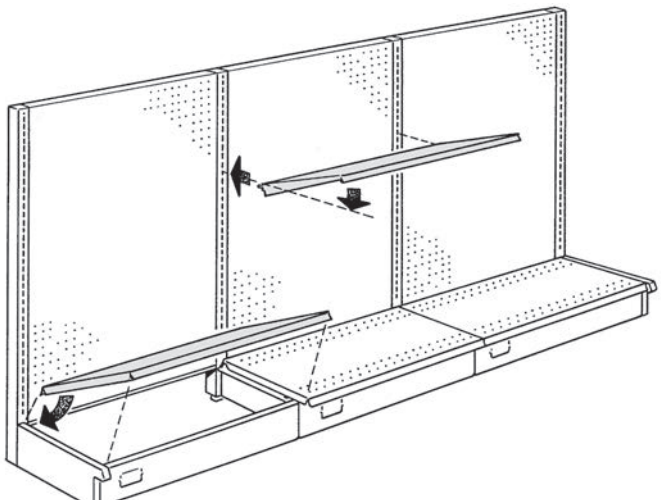
See Plan View of Base Bracket above for seating Base Bracket End Trim

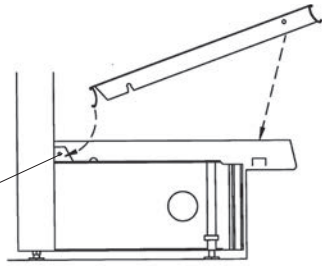


1. Insert front flange into front of BB adjacent to the CBF



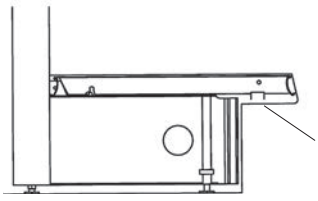
2. Put rear flange against BB hook slide shown





Deck Hold Down Pin

To install Decks, tilt upward and hook rear molding behind deck hold down pin.



Deck must sit on lock tab on BET

12. Install Base Decks and Shelves as shown. Be sure Base End Trim (BET) is installed before installing Base Decks (see Step 11). Refer to **Allowable Shelf Load Limits** on page 3 for shelf information.

NOTICE:

If Trim or Shelves do not fit properly, check to be sure unit is leveled properly.
If the Uprites are not plumb and/or at proper height, redo Step 8.