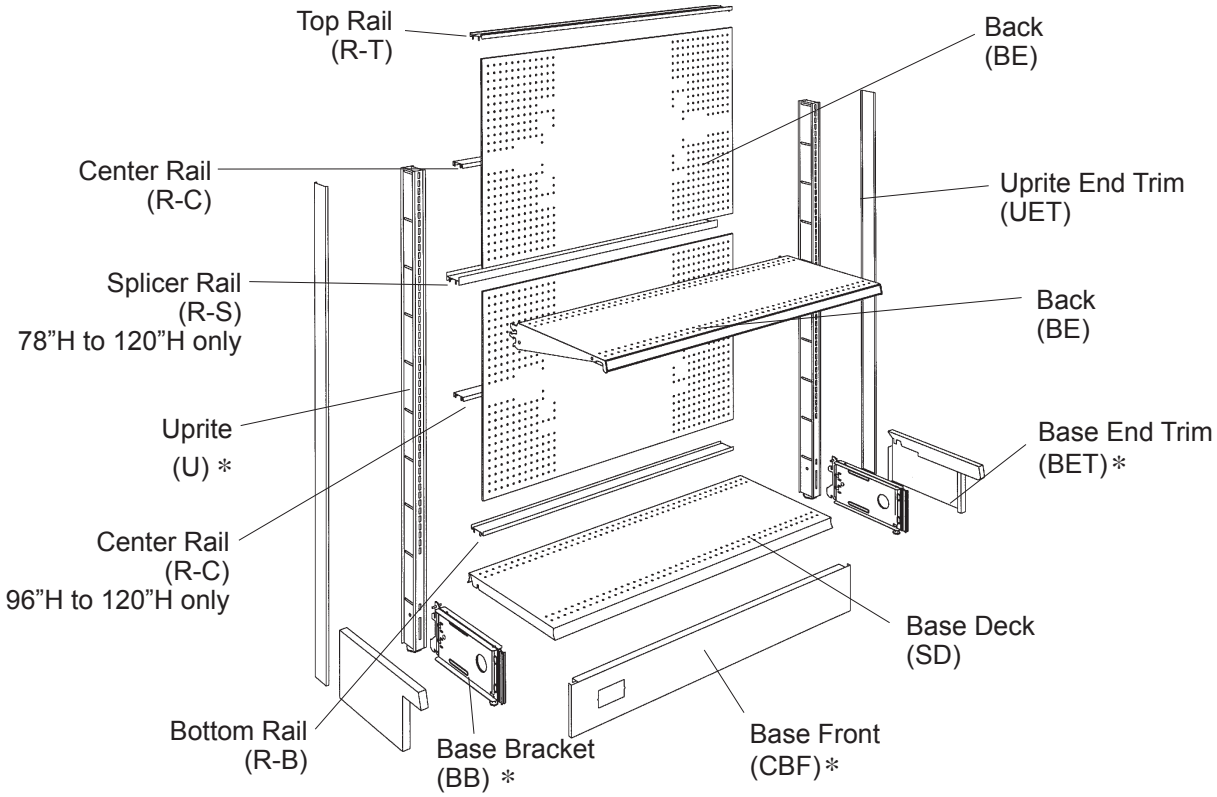
Display Shelving Installation Instructions

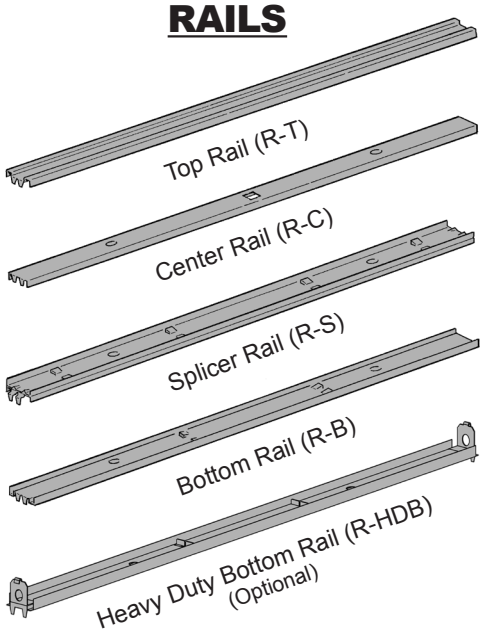
Call Toll Free 800-228-9882
(Canada - Call Toll Free 800-248-6930)



EQUIPMENT CHECKLIST

- — Leveling Leg Wrench (provided)
- — Carpenter’s Level
- — Screwdriver (Standard)
- — Wedges (not provided) See Step 9 on page 12 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.

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Safety Warning

POST THIS INFORMATION IN A LOCATION CLEARLY VISIBLE TO ALL STORE PERSONNEL

READ BEFORE ASSEMBLING OR USING SHELVING

WARNING

FOR YOUR SAFETY

These instructions and safety information should be reviewed with all store personnel, and along with all other instructions for your Lozier products, must be preserved and provided to any subsequent user or purchaser of these fixtures. Additional copies available upon request.

- Install all shelving according to installation instructions and use components only as instructed. Shelving and components should only be installed or rearranged by trained personnel who have read and understand these instructions and warnings.
- Local codes and regulations concerning building, fire, sanitation, or seismic requirements may apply to some installations. It is the responsibility of the owner of these fixures to check with local building authorities to determine what codes or regulations, if any, apply and always install the shelving in compliance with any such requirements.
- When installing or rearranging shelving, ***never*** move assembled shelving.
- Do ***not*** combine Lozier products with non-Lozier products.
- ***Never*** use damaged parts. Damaged parts may cause shelving to be structurally unsafe or create exposure to sharp or pointed edges. If parts were damaged in shipment, do not use and contact your Lozier Customer Service Representative. If parts are damaged after shipment, discontinue use immediately and order replacement parts.
- Do ***not*** exceed Allowable Load Limits(see pages 3, 5 & 6 or the Lozier Catalog). Make certain you calculate the unbalanced load as shown on pages 5-7 of these instructions. Exceeding allowable loads may cause the shelving to tip over or collapse.
- Base fronts, either open or closed, are required on 06 Base shelving for structural integrity and stability. Use of 06 Base shelving without base fronts may cause the shelving to collapse. **Caution:** Use of any shelving without Closed Base Fronts (CBF) may allow material handling or floor cleaning equipment to collide with the Base Brackets causing the shelving to be knocked out of alignment or collapse.
- All components which require trim such as Uprites (U) and Base Brackets (BB) must be installed with trim pieces. Untrimmed parts may have unfinished edges that must be covered by trim to avoid exposure to store personnel or customers. Use Molding End Trim to cover exposed corners of S-style shelves.
- Do ***not*** hang Peg Hooks, Shelves or other accessories on the back side of a Wall Section or any section without Base Brackets. Wall Sections do not have Base Brackets (BB) on the back side to provide support, and use of the back side to display merchandise may cause the section to tip over.
- To avoid store personnel or customers accidentally coming in contact with display fixtures, **never** allow any Shelf, Peg Hook, or other display to protrude into an aisle or to extend beyond the edge of the Base Deck or End Deck (if used).
- All End Merchandising Panels intended for use with Shelves or accessories must include End Decks or other floor display to direct people away from the shelves or displays above the End Deck or other floor display.
- Do ***not*** lean tall or heavy items against shelving unless shelving is anchored to a suitable building wall, to the floor, or is otherwise braced to prevent overturning. The weight and force of leaning items on unanchored or unbraced shelving may cause the shelving to overturn or collapse.
- Shelving (or racks) that are leaning or bending when loaded may indicate a dangerous overload or impending collapse. Loads should be immediately reduced, and the cause for this condition should be corrected, before reloading. Refer to appropriate installation instructions to assure shelving (or racks) are properly assembled, replace any damaged components or parts, and do not exceed recommended maximum loads or engage in any other unsafe use of the shelving (racks).
- Provide safe access to all levels of storage & display shelving in accordance with applicable OSHA regulations. Never allow anyone to climb, walk, or stand on shelving. These shelves were not designed to withstand the extra weight and impact of climbing, walking and standing, and the added weight and impact of such actions may cause the fixture to collapse.
- Never alter, modify or otherwise structurally change the shelving or any of its component parts. Modification or alteration may cause the shelving or component part to become structurally unsafe resulting in tipping, collapse or other failure of the fixture.

IMPORTANT! Failure to follow these instructions and warnings may result in personal injury to your employees or customers, damage to property, or damage to the fixture itself.

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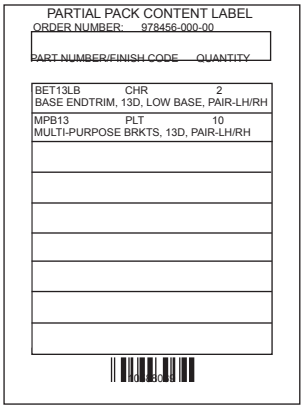
OPENING SEQUENCE

Items are shown colored to indicate system of color-coding for boxes. Boxes are also numbered to indicate sequence of box opening to facilitate ease of installation.

Uprites Base Brackets Rails Base Fronts	Back Panels	Base End Trim, Accessories and Misc. Components	Base Decks	Shelves Wire Components
BLUE	BLUE	GREEN	VIOLET	RED

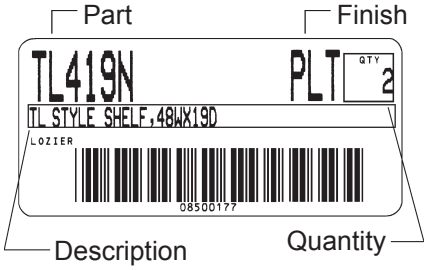
PARTIAL PACK LABEL INFO.


PARTIAL PACK CONTENT LABEL
ORDER NUMBER: 978456-000-00
PART NUMBER/FINISH CODE QUANTITY
BET13LB CHR 2
BASE ENDTRIM, 13D, LOW BASE, PAIR-LH/RH
MPB13 PLT 10
MULTI-PURPOSE BRKTS, 13D, PAIR-LH/RH

Partial Pack Content Label replaces label at left when carton contains partial packs.

OR

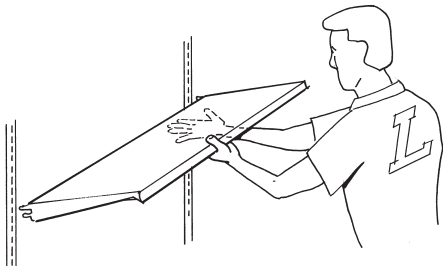
BAR CODE LABEL INFORMATION



ALLOWABLE SHELF LOAD LIMITS
Do Not Exceed!

"S" & "TL" STYLE - Install flat or 17° downslant. To install, tilt front edge slightly upward and insert tabs into Uprite slots. Lift up on rear of Shelf while lowering front to desired position.

"DL" STYLE - Install flat, 17° downslant, 30° downslant or 15° upslope (7" thru 19"). To install, insert tabs on Shelf straight into slots in Uprite.



HELPFUL HINTS:

Lift and position "S" & "TL" Style Shelves by gripping front edge of Shelf with one hand and lifting rear edge from underneath with the palm of the other hand when lowering into level position from tilted entry into Uprite slots.

When removing "DL" Style Shelves, lift rear of Shelf to disengage bracket and relax lifting pressure while pulling the Shelf away from the Uprite.

SHELF AND DECK SIZES

SHELF TYPE	SHELF ANGLES	RECOMMENDED UNIFORM LOAD CAPACITY IN LBS.											
		7"	10"	13"	15"	16"	17"	19"	20"	22"	25"	28"	31"
"S" & "TL" Style Shelves & "SD" Decks	Flat	300	500	500	500	500	500	500	500	500	500	400	400
	17°Downslant	300	250	250	250	250	250	250	250	250	250	200	200
	Deck	—	—	600	—	600	—	600	—	800	800	800	800
"HL" & "HDSD" Style Shelves and Decks	Flat	—	—	—	—	600	600	600	—	700	700	600	600
	30°Downslant	—	—	—	—	125	125	125	—	—	—	—	—
	17°Downslant	—	—	—	—	250	250	250	—	—	—	—	—
	Deck	—	—	—	—	—	—	900	—	1200	1200	1200	1200
"DL"	Flat	300	500	500	500	500	500	500	—	500	500	400	400
	30°Downslant	125	125	125	125	125	125	125	—	125	125	100	100
	17°Downslant	300	250	250	250	250	250	250	—	250	250	200	200
	15° Upslope	200	300	300	300	300	300	300	—	—	—	—	—
Add Load Easer Base Brackets for 500 lbs. Additional Deck Capacity													

NOTE: Reduce capacities shown by 30% when only the front half of the shelf is loaded or by 50% if the shelf is less than 36" wide.

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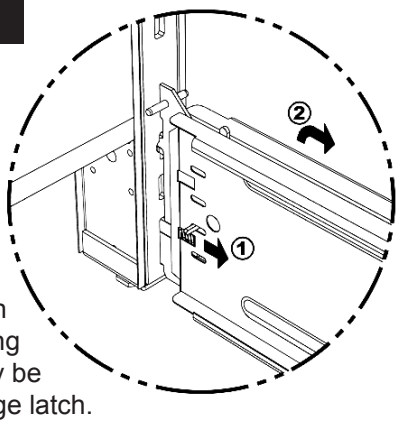
Base Bracket Removal & Replacement

(FOR OPTIONAL REMOVABLE BASE BRACKETS ONLY)



WALL SECTIONS:

IMPORTANT! These instructions must be followed to prevent collapse of the system. A crew of two (minimum) is required. One crew member must hold the uprite while the other is removing and replacing the base bracket on that uprite.

Remove merchandise and shelves. Remove base deck and base front from one section on each side of base bracket being removed. (If uprite is lagged to wall, adjust leveling leg up 1/8"-1/4" to relieve preload on bracket.) **1)** Pull latch tabs away from uprite. It may be necessary to pull tabs on each side of Base Bracket simultaneously in order to disengage latch. **2)** Lift bracket up and out of uprite. Install replacement base bracket immediately. Reinstall base front and base deck. Proceed to next base bracket.

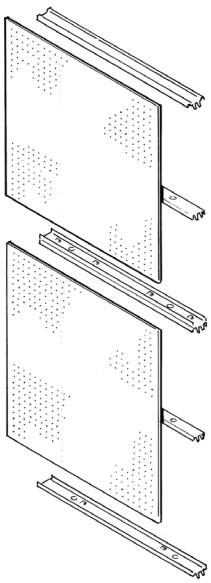
ISLAND SECTIONS:

IMPORTANT! These instructions must be followed to prevent collapse of the system. WARNING! Be sure to unload heavy side of island first, to prevent overturning. Be sure that, at no time, the unbalanced load rating (see page 1B) is exceeded as a result of unloading.

Work on one side of island at a time. Remove merchandise and shelves. Remove base deck and base front from one section on each side of the base bracket being removed. Make sure that uprite leveling leg is touching floor. Adjust bracket leveling leg 1/8"-1/4" off floor to relieve preload on bracket. **1)** Pull bracket latch tabs away from uprite. It may be necessary to pull tabs on each side of Base Bracket simultaneously in order to disengage latch. **2)** Lift bracket up and out of uprite. Install replacement base bracket immediately. Reinstall base front and base deck. Proceed to next base bracket.

RAIL INFORMATION

NOTE: Center Rails will occasionally be painted in other neutral colors at random (including galvanized).



R-T
(Top Rail)

R-C
(Center Rail)
Locate near
center of back.

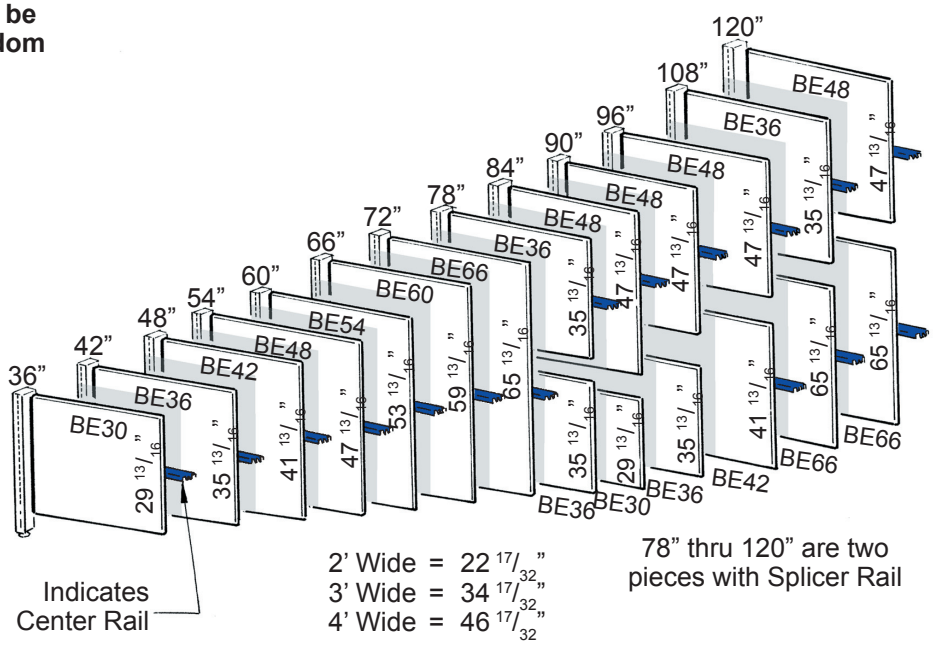
R-S
(Splicer Rail)
For Two-Piece Backs

R-C
(Center Rail)
Lower Center Rail
for 96"H to 120"H only.
Locate near center of back.

R-B
(Bottom Rail)

BACK PANEL INFORMATION

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



Indicates Center Rail

2' Wide = 22 $^{17}/_{32}$"
3' Wide = 34 $^{17}/_{32}$"
4' Wide = 46 $^{17}/_{32}$"

78" thru 120" are two pieces with Splicer Rail

NOTE: If Telescopic Uprites (TEL) are being installed, the Center Rail must be installed in the third lance (12") down from the top of the Uprite. If used with Uprites 60" through 72" high, a Center Rail must be installed in the third lance down and another installed at mid-height of uprite. Bend all tabs outward **(Detail 4a on pages I-11 and I-16)** at each end of the Center Rail.

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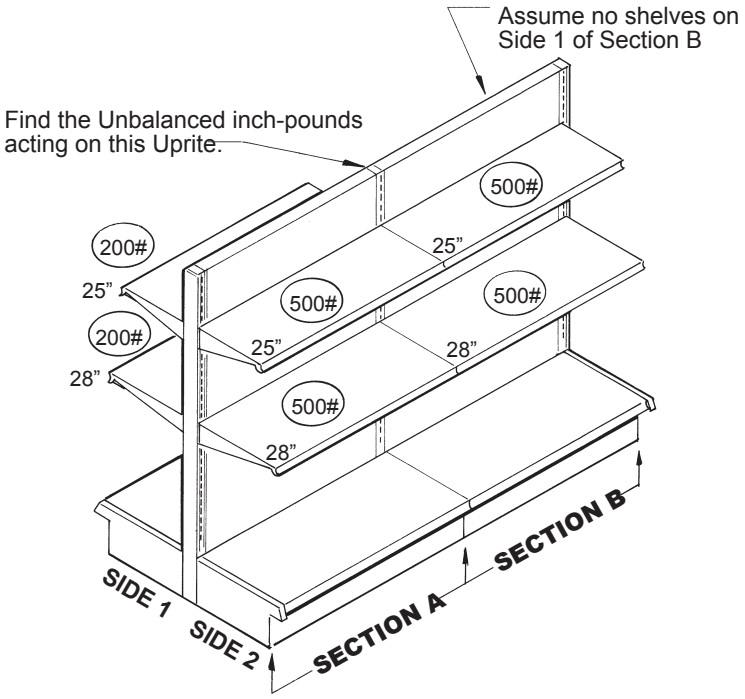
Unbalanced Load Calculations

When heavily loading wall shelving **or** loading **or** unloading island shelving, it is important to determine if you are creating an unbalanced load that exceeds the maximum 12,000 inch-pounds. The sample calculation below illustrates how you can determine your unbalanced load in inch-pounds.

NOTE:
Inch-pounds are a measure of the shelf loads acting at a distance ($^1/_2$ shelf depth) from the Uprite.

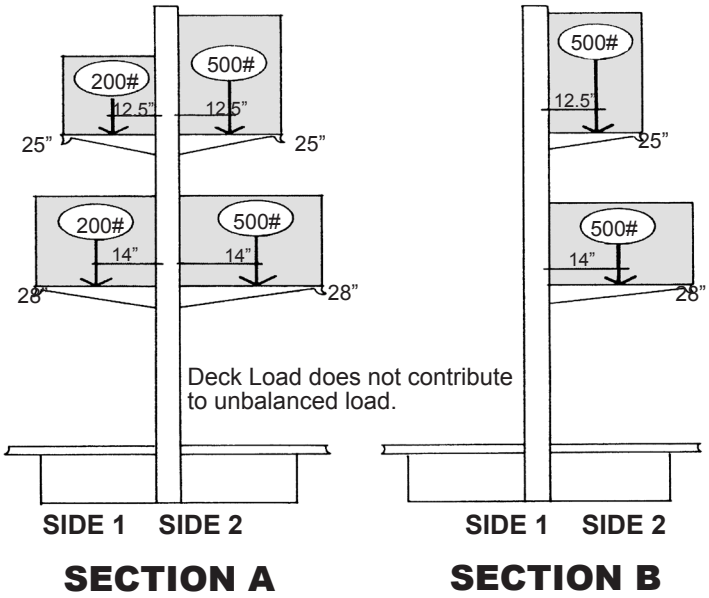
SAMPLE CALCULATION

1.



This loading situation may be represented by two separate loading sections, shown below as Section A & Secion B.

2.



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Unbalanced Load Calculations Continued

3. **NOTE**:
Shelf depth is divided by 2 because an evenly distributed shelf load is calculated as a total load at center of shelf depth. Shelf load is divided by 2 because a shelf load is supported by two uprites.

WALL SECTION UNBALANCED LOAD CALCULATION:

The method used to determine the unbalanced inch-pounds on a wall section is the same as the method shown for an island section. Simply consider the side without shelves having a load of zero.

NOTE: See Wall Section Warnings on page 7.

	(Shelf depth ÷ 2)	X	(Shelf load ÷ 2)		SIDE 1	SIDE 2
SECTION A	12.5"	x	100#	=	1,250" #	
	14"	x	100#	=	1,400" #	
	12.5"	x	250#	=		3,125" #
	14"	x	250#	=		3,500" #
SECTION B	12.5"	x	250#	=		3,125" #
	14"	x	250#	=		3,500" #
	TOTAL (Section A and B)				2,650" #	13,250" # (See Caution Below)

Subtract the smaller unbalanced load from the larger:

13,250 inch-pounds
- 2,650 inch-pounds
= 10,600 inch-pounds

NOTE: " # indicates inch-pounds.

This is the total unbalanced load acting on the uprite and must never exceed 12,000 inch-pounds per uprite

CAUTION:

In this example, 10,600 inch-pounds does not exceed the 12,000 inch-pound limit. However, note that the total of Section A and B on Side 2 is 13,250 inch-pounds. This means that Side 2 would exceed the 12,000 inch-pound limit if loaded before Side 1, or if Side 1 was unloaded before Side 2. Therefore, in the above example, Side 1 (the side with the smaller load) must be loaded before Side 2 is loaded, and Side 2 must be unloaded to less than 12,000 inch-pounds before Side 1 is unloaded.

DO NOT EXCEED 12,000 INCH-POUNDS UNBALANCED LOAD!

To replumb an island that has an unbalanced load, see page I-9.

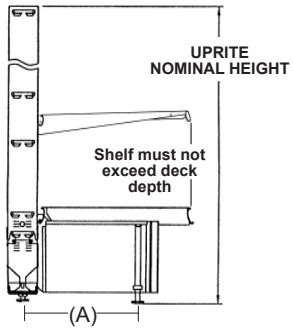
SPECIAL WARNINGS:

EXTENSION UPRITES - The maximum unbalanced load on shelves above the joint on an Extension Uprite should not exceed 2500 inch-pounds.

PEGBOARD BACK LOADS - The load applied to Pegboard Backs with a standard Bottom Rail should not exceed 150 lbs. in total, 50 lbs. in any single square foot area, or 10 lbs. per hook. With heavy duty Bottom Rails, the load applied should not exceed 350 lbs. in total, 50 lbs. in any single square foot area, or 20 lbs. per hook. Excessive loading of Pegboard Backs can cause the Backs to fracture and/or become dislodged which could result in personal injury to employees or customers, damage to property, or damage to the fixture itself.

Unbalanced Load Calculations Continued

Wall Section

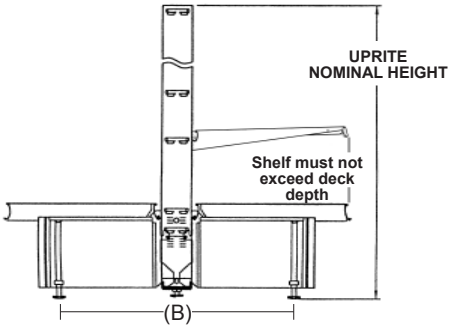


WALL

BASE SIZE	LEVELER SPACING(A)	TALLEST UNANCHORED UPRITE
13”	9 3/4”	54”
16”	12 3/4”	72”
19”	15 3/4”	90”
22”	18 3/4”	108”
25”	21 3/4”	120”
28”	24 3/4”	144”

NOTE: For Uprite applications taller than 144”, contact Marketing.

Island Section



ISLAND

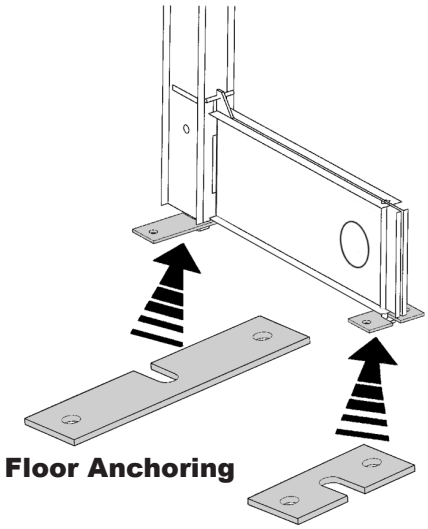
BASE SIZE	LEVELER SPACING(B)	TALLEST UNANCHORED UPRITE
13"/13"	19 1/2"	114"
13"/16"	22 1/2"	132"
13"/19"	25 1/2"	144"
16"/16"	25 1/2"	144"

NOTE: For Uprite applications taller than 144”, contact Marketing.

Important Notice for Free Standing Units

- If Glass Doorkits are used on Wall Section or on one side only of Island Section, reduce maximum height by 12”

- If fixture is on carpet, reduce maximum height by 12”



Floor Anchoring

To help avoid overturning:

- The height of the Uprite (including Extension Uprites, if used) should not exceed the leveler spacing times six. See the charts.
- If Uprites on Wall Sections exceed the heights listed, the Base Bracket and the Uprite levelers must be anchored to the floor or otherwise braced.
- If Uprites on Gondola (Island) Sections exceed the heights listed, the Base Bracket levelers must be anchored to the floor and the Base Brackets must be secured to the Uprites with SAP pins.
- Contact local building official for anchoring requirements in seismic zones.
- Maximum shelf depth **cannot** exceed Base Deck depth.
- Do **not** hang Peg Hooks, Shelves, or other accessories on the back side of a Wall Section or any section without Base Brackets. Wall Sections do not have Base Brackets on the back side to provide support, and use of the back side to display merchandise may cause the section to tip over.
- Do **not** lean tall or heavy items against shelving unless shelving is anchored to a suitable building wall, to the floor, or otherwise braced to prevent overturning. The weight and force of leaning items on unanchored or unbraced shelving may cause the shelving to overturn or collapse.

IMPORTANT!
Failure to follow these instructions and warnings may result in personal injury to your employees or customers, damage to property, or damage to the fixture itself.

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Anchoring Wall Section

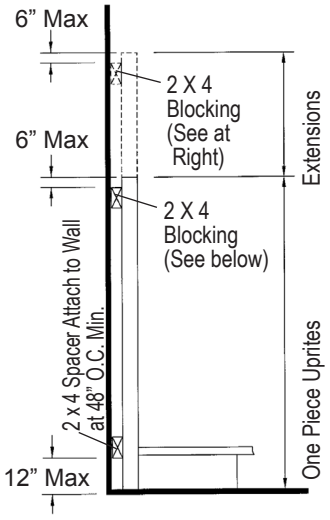
ANCHORING INFORMATION

Anchoring of all Wall Sections is recommended for limiting deflection under loaded conditions. Additional unbalanced load capacity may be available if the Wall Sections are anchored to a suitable building wall or other structure to prevent collapse of the shelving.

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, and professional advice should be sought for each anchored installation.

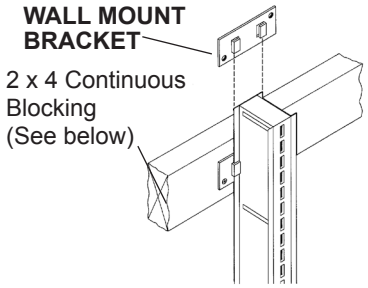
Anchoring situations other than those illustrated may be encountered. As a guideline, each anchoring location shown must provide 450 lbs. pull-out
resistance and be located as shown in these illustrations. Extreme care must be taken to insure that the building wall or other structure is solid and suitable for anchoring and will support the load being anchored to it.

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

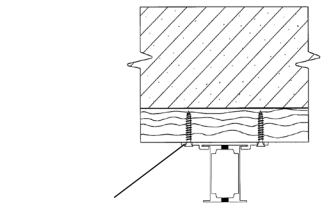


BLOCKING

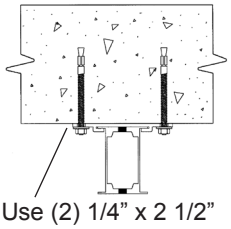
NOTE: All fasteners shown are Minimum diameter and length for applications illustrated.

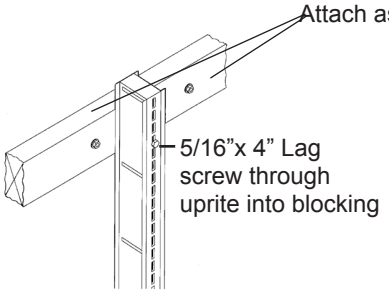


ALL TYPES OF WALL WITH CONTINUOUS BLOCKING

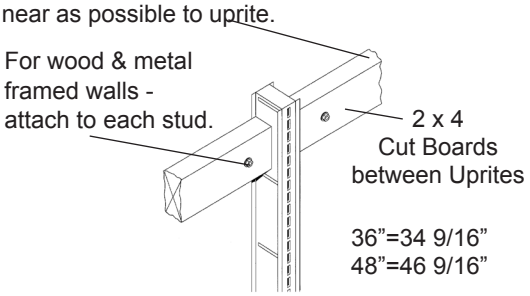


DIRECTLY TO CONCRETE WALL



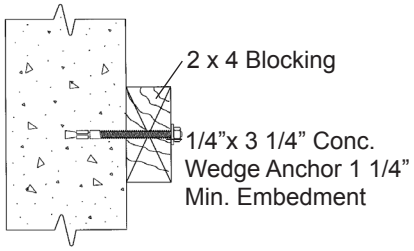


2 x 4 CONTINUOUS BLOCKING BEHIND UPRITES

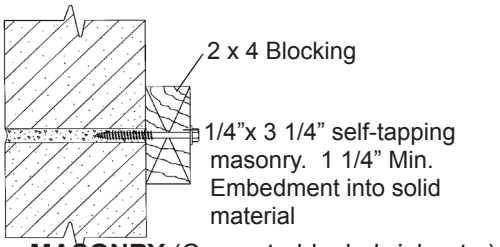


2 x 4 BLOCKING BETWEEN UPRITES

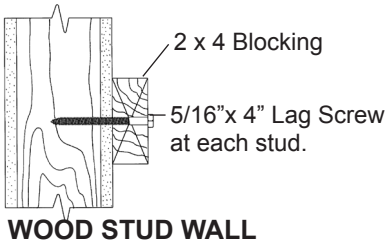
ATTACHING BLOCKING TO WALL



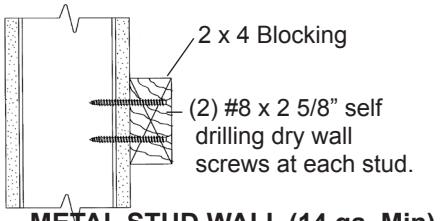
CONCRETE



MASONRY (Concrete block, brick, etc.)



WOOD STUD WALL



METAL STUD WALL (14 ga. Min)

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Replumbing an Island w/Unbalanced Load

The Lozier Uprite and Base Bracket System is designed to function well under most merchandising circumstances. However, occasionally one side of an island becomes more heavily loaded than the other, which causes the uprites to lean toward the heavy side. This may cause gaps between shelves on the heavy side. It is important to read all warnings prior to replumbing an island.

Do not attempt to replumb an island that is overloaded!
(exceeding 12,000 inch-pounds unbalanced load)

WARNING: Before beginning, determine the unbalanced load on the wall or island to be sure it does not exceed 12,000 in. lbs. See Unbalanced Load Calculation.

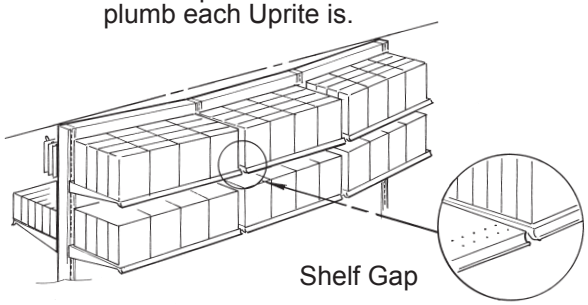
WARNING: A fully merchandised island will often contain several tons of merchandise. Extreme caution should be exercised to avoid shelving collapse or falling merchandise, which could result in serious injury. Shoppers and other persons not involved in adjusting the island should be denied access to the area during this procedure.

WARNING: Do not remove the Closed Base Fronts or Base Decks from a loaded island, as this may cause shelving collapse.

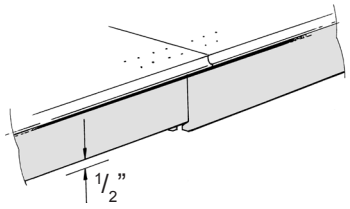
Before starting, the following are required:

- Two people (one for pushing and one for adjusting levelers)
- Leveling Leg Wrench or $^{7}/_{8}$" Open End Wrench
- Carpenter's Level
- A Length of 2 x 4 or other similar material to aid in pushing against Uprite.

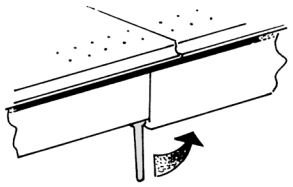
1. Identify the Uprites that need to be replumbed by observing shelf gaps (as shown below) or by sighting down the line of Uprites. Estimate how far out of plumb each Uprite is.



2. Move to the lightly loaded side of the island and find the first Uprite to be replumbed. Pry the Closed Base Front (CBF) up about $^{1}/_{2}$" to access the Base Bracket Leveling Leg.

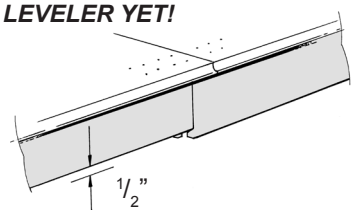


3. Using the leveling wrench, screw in (retract) the Leveling Leg counter-clockwise about 1 turn for each $^{1}/_{16}$" the Uprite is out of plumb.



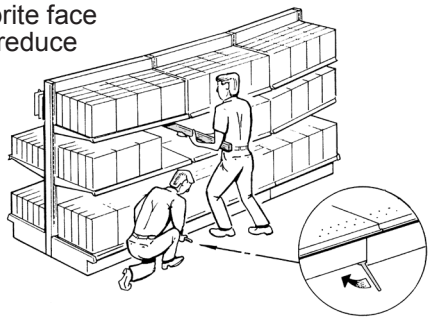
4. Move to the **heavily loaded** side of the island and locate the same Uprite. Pry up the CBF to access the Base Bracket Leveling Leg.

DO NOT TURN THE LEVELER YET!



5. Have the second person push on the Uprite face (heavy side) with the push bar. This will reduce the pressure on the Leveling Leg which is about to be extended.

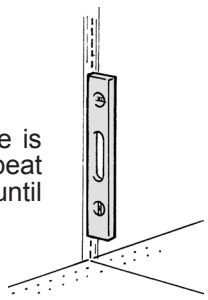
DO NOT ATTEMPT TO EXTEND THE LEVELING LEG WITHOUT RELIEVING THE PRESSURE ON IT.



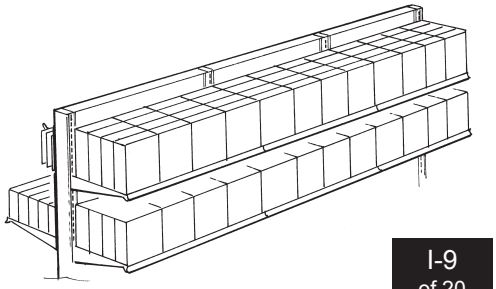
As the person pushing relieves the pressure on the Leveling Leg, use the Leveling Leg wrench to slowly extend the Leveling Leg clockwise, **by the same number of turns as the Leveler on the opposite was retracted - plus 2 turns.**

CAUTION: Do <u>not</u> extend the Base Bracket Leveling Leg more than 1" past the bottom of the Bracket.

6. Check to be sure Uprite is plumb with the Level. Repeat Steps 2-6, if necessary, until the Uprite is plumb.



7. Repeat Steps 2-6 for each Uprite that needs to be replumbed. Sight down the tops of the Uprites to assure that the island is straight.



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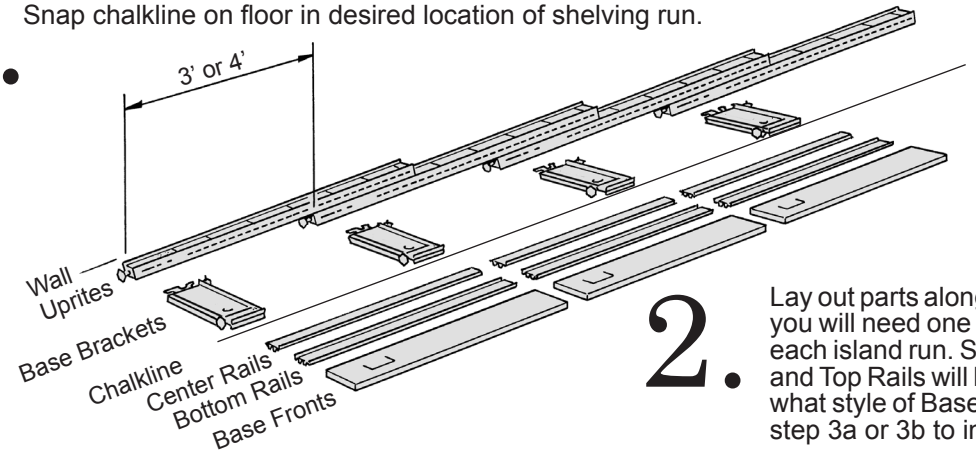
Wall Section Installation

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

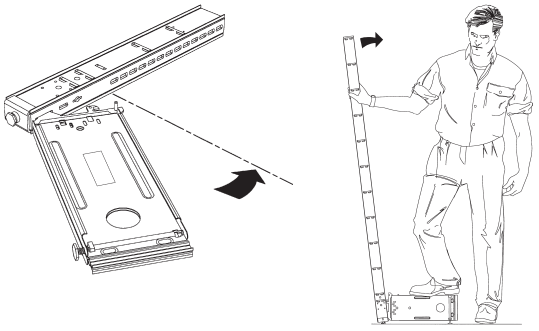
1. Snap chalkline on floor in desired location of shelving run.



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. Determine what style of Base Bracket will be used and refer to step 3a or 3b to install.

3a. TILT-IN BASE BRACKET

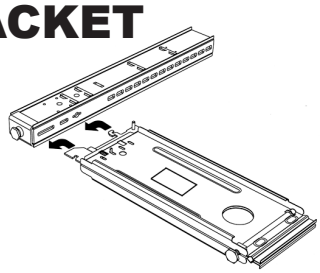
Suggested Method for Seating Base Brackets



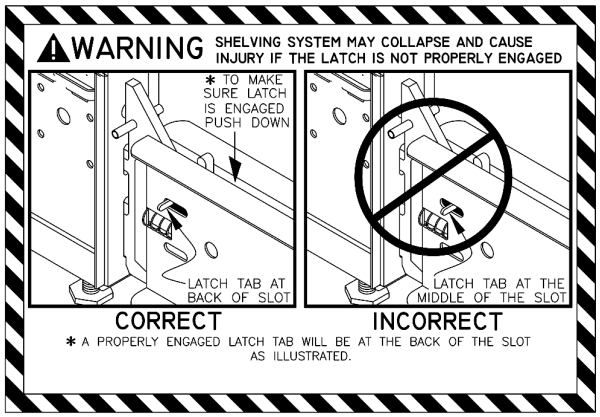
With Uprites lying on floor, hook Base Bracket into narrow slots at bottom of Uprite. Base Bracket will snap into place when properly installed. See suggested method above for seating Base Brackets. **Base Brackets are painted random colors and may not necessarily match the color of the Uprites.**

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.**

3b. SPRING LOCKING BASE BRACKET



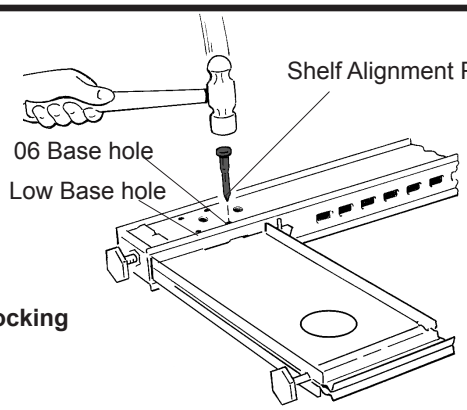
Push Bracket fully into Uprite slots, then push down. Latch must fully engage Uprite to lock the Bracket and Uprite together. Check latch tabs on both sides of Bracket. Tabs must be at the back of the slot in the Bracket. Refer to page I-4 for removal and replacement of the Bracket.



3c.

Drive one Shelf Alignment Pin (SAP) through each Uprite/Base Bracket assembly as shown.

NOTE: Use hole for alignment pin that matches base bracket size.



***Not required with Spring Locking Base Brackets.**

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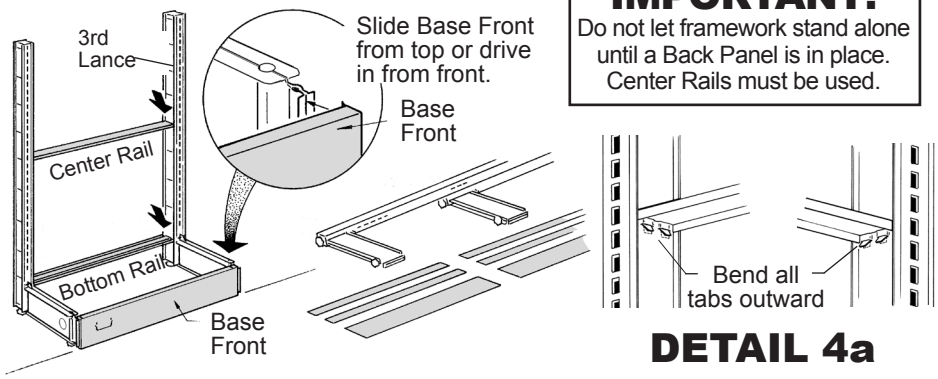
NOTE: Refer to BACK PANEL INFORMATION on Page I-4 for Center Rail placement. If Telescopic Uprites (TEL) are being installed, the Center Rail must be installed in the third lance (12") down from the top of the Uprite. If used with Uprites 60" through 72" high, a Center Rail must be installed in the third lance down and another installed at mid-height of uprite. Bend all tabs outwards **(Detail 4a)** at each end of the Center Rail.

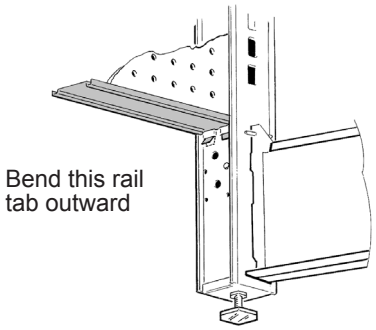
IMPORTANT!
Do not let framework stand alone until a Back Panel is in place. Center Rails must be used.



DETAIL 4a

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.



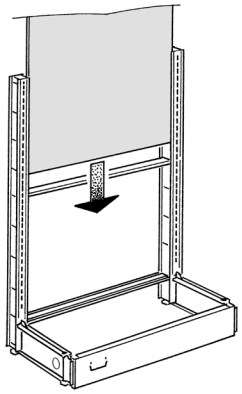
View From Underneath

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

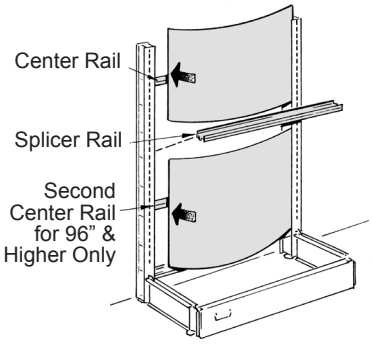
Use care in lowering Back into place. **DO NOT DROP!**

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

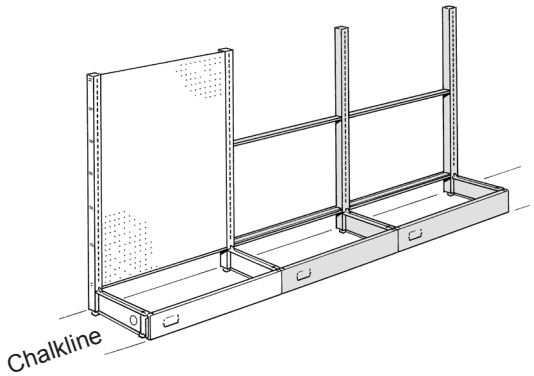


NOTE: If ceiling height is not adequate to drop Panels from top, insert one side edge and flex panel until other edge fits in place.

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 I-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.



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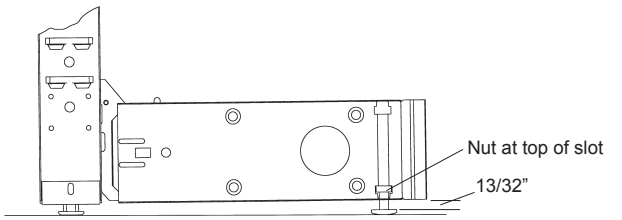
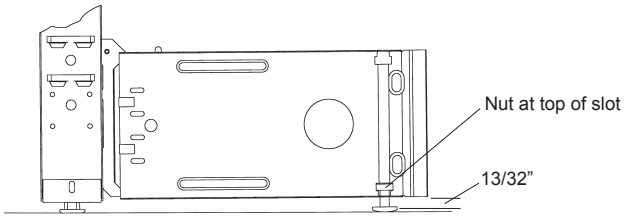
Wall Section Installation

Leveling Procedure Important For Proper Fit of Trim and Accessories!

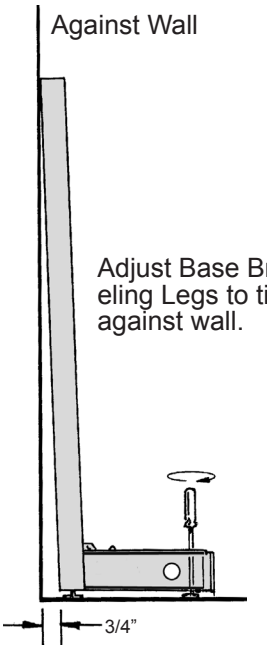
8. Base Bracket and Uprite Levelers are pre-set to allow installation without any leveling adjustment on flat, level floors. Without adjustment, Wall Sections will tilt slightly backward, which may be desirable to help offset forward tilt when shelves are installed and loaded. A rearward tilt of approximately 3/4" is recommended for Wall Sections that will be heavily loaded.



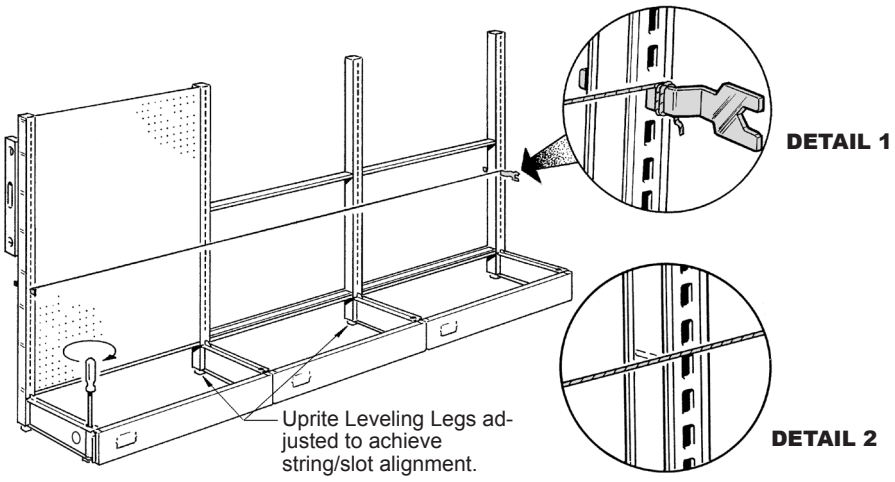
U_ and BB_LB LEVELER PRESET



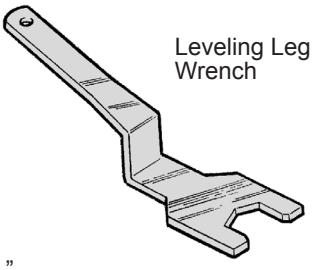
U_ and BB_06 LEVELER PRESET

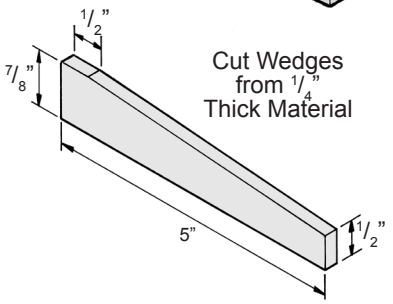


9. If floor conditions show large amounts of uneven or unlevel conditions, proceed as follows: - Insert Leveling Leg Wrenches (LLW) and/or wedges into corresponding slots in the end Uprites. Run a string between and tie to the LLW's or wedges (Detail 1). Be sure the string is taut. Determine which Uprite is highest in the Wall Section run of shelving. Adjust the corresponding slots on uprites below the highest Uprite upward to its level by adjusting the Leveling Legs on the Uprites (Detail 2). Now, extend the Base Bracket Leveling Legs with a screwdriver to tilt the top of the Uprites back to the wall. If rearward tilt is not desired, use a carpenter's level and adjust Base Bracket Levelers so uprites are plumb. **CAUTION: Do not extend the Uprite Leveling Legs more than 1" past the bottom of the Uprite, and do not extend Base Bracket Levelers more than 1 7/16" past the bottom of the Base Bracket.**



NOTE: Make sure string does not drag on face of Intermediate Uprites.





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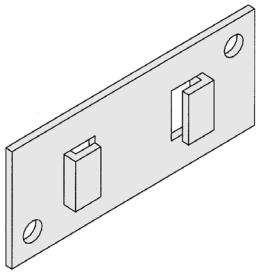
10.

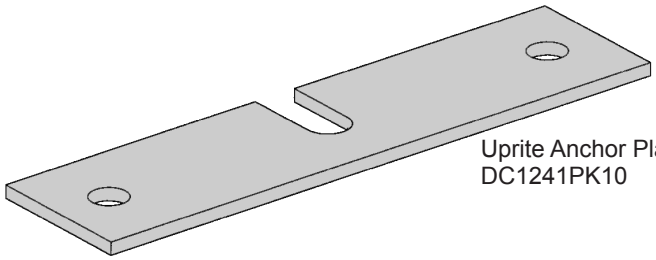
At this time, anchor wall sections if required. For anchoring to the floor, refer to **"Wall Section Warnings"** on page I-7. For anchoring to the wall, refer to **"Anchoring Wall Sections"** on page I-8.

AVAILABLE ANCHORING COMPONENTS (Fasteners Not Included)

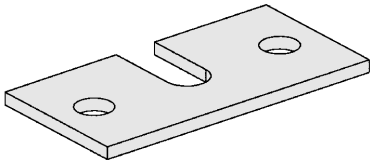


Wall Mount Bracket
DC2191PK20

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



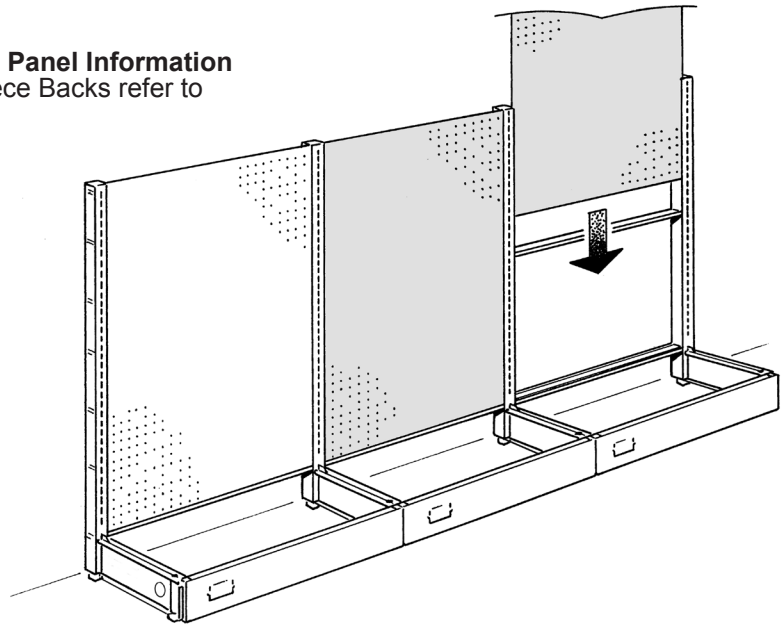
Base Bracket Anchor Plate
DC1242PK10

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 Wall Section Warnings (page I-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.)**

11.

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.**

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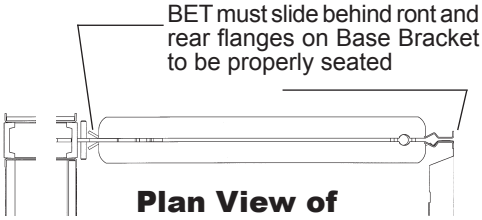
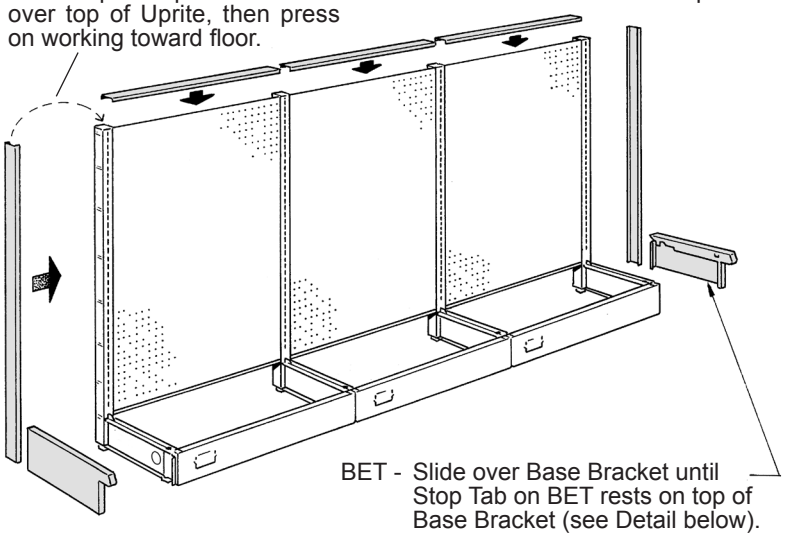
Wall Section Installation

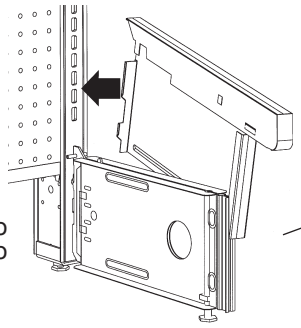
12. Install Base End Trims, Uprite End Trims and Top Rails.



Plan View of Base Bracket

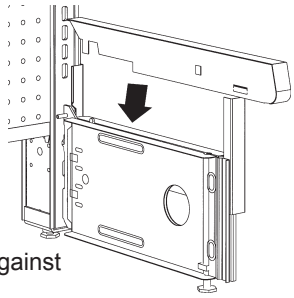
IMPORTANT
Base Bracket End Trim (BET) **must** be installed **before** installing Base Decks.



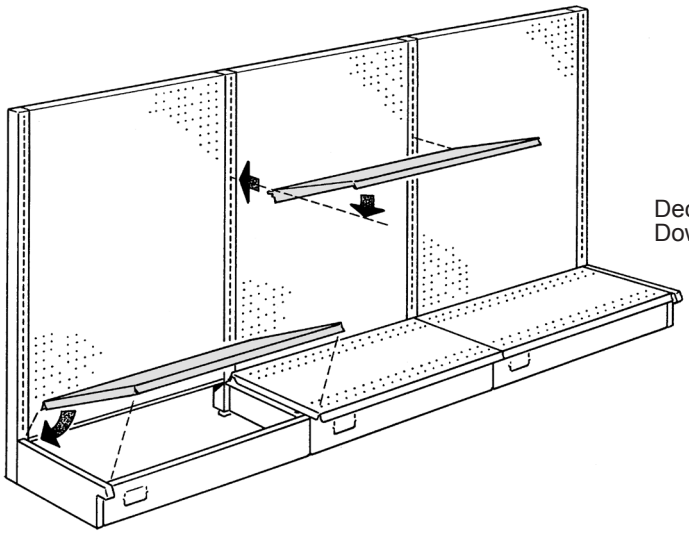


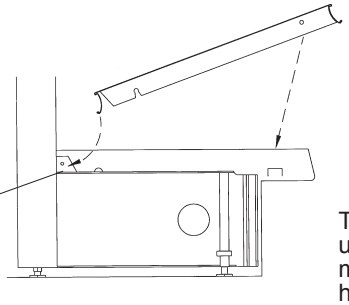
1. Insert front flange into front of BB adjacent to the CBF

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

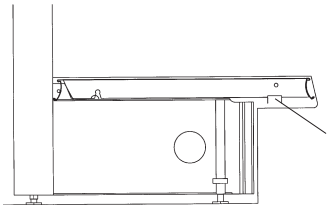


2. Put rear flange against BB hook slide shown





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



Deck must sit on lock tab on BET

13. Install Base Decks and Shelves as shown. Be sure Base End Trim (BET) is installed before installing Base Decks (see Step 12). Refer to **Allowable Shelf Load Limits** on page I-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.

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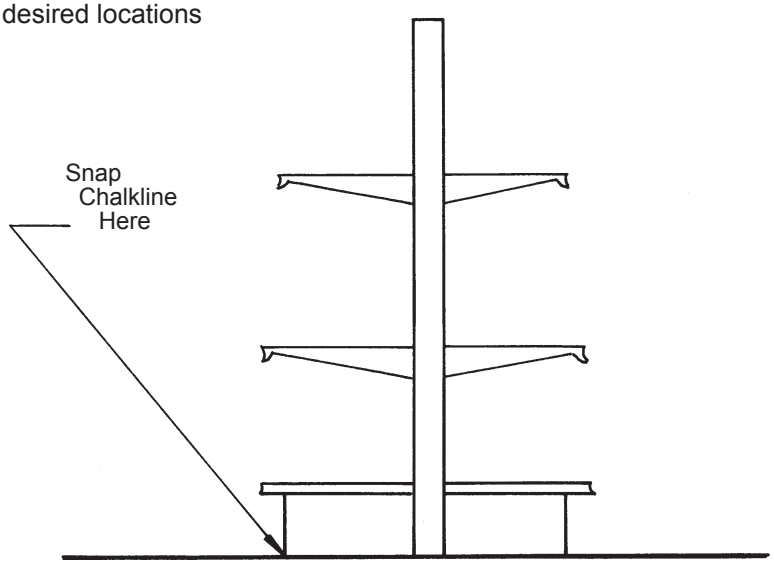
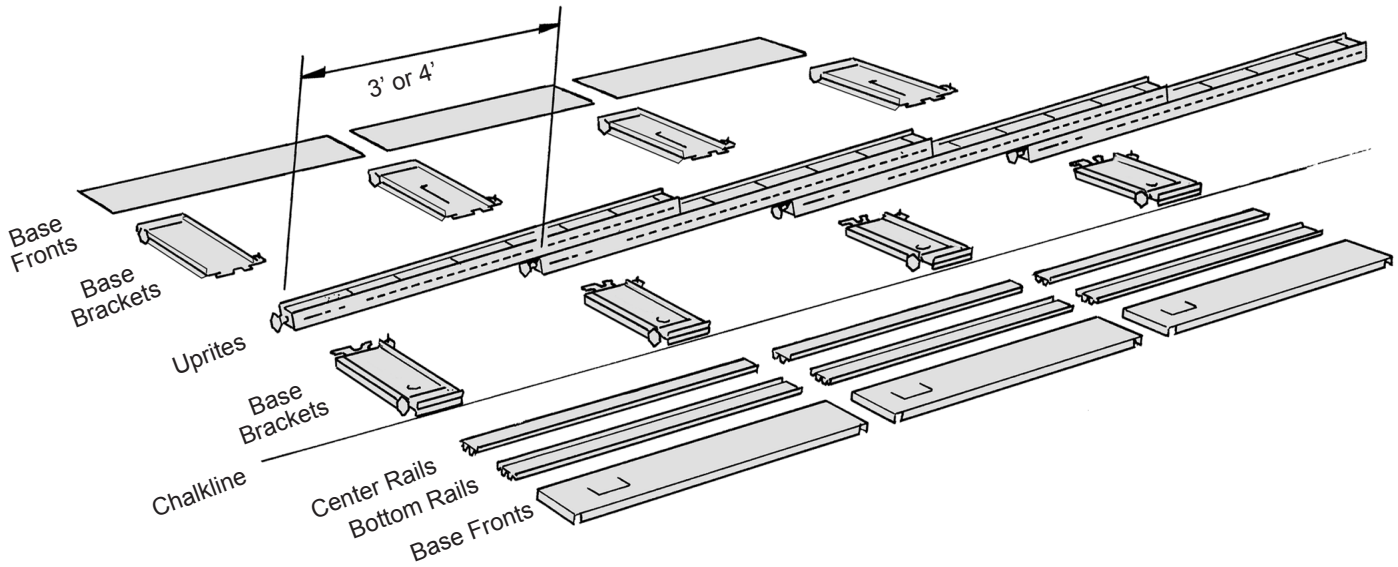
Please read each step carefully!
Refer to Component Breakdown on page I-1 before starting.

1. Snap chalkline on floor for desired locations of all island runs.





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. Determine what style of Base Bracket will be used and refer to step 3a or 3b to install.

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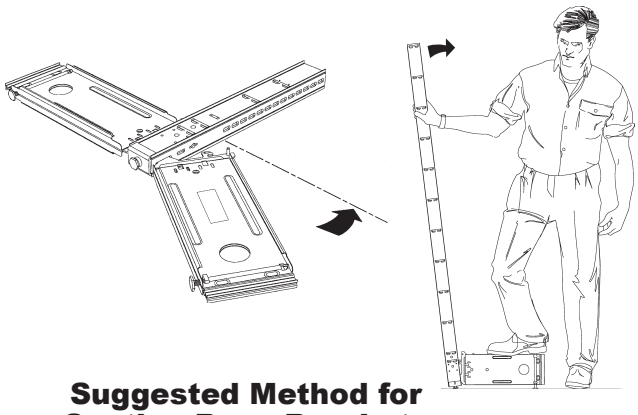
Island Section Installation

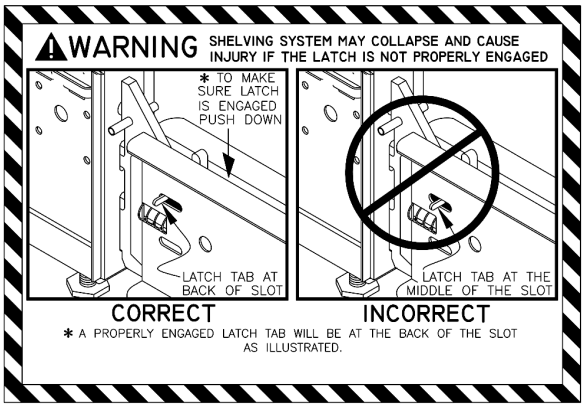
TILT-IN BASE BRACKET

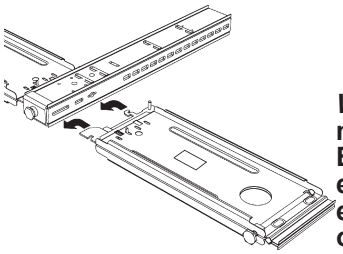


Suggested Method for Seating Base Brackets

3a. With Uprites lying on floor, hook Base Bracket into narrow slots at bottom of Uprite. Base Bracket will snap into place when properly installed. See suggested method above for seating Base Brackets. **Base Brackets are painted random colors and may not necessarily match the color of the Uprites.**

SPRING LOCKING BASE BRACKET



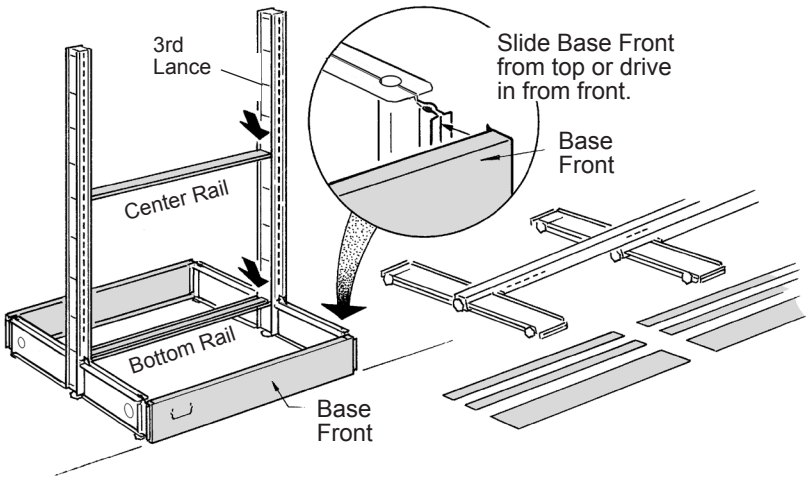


WARNING! **The shelving system may collapse and cause injury if the Base Bracket latch is not properly engaged with the Uprite. A properly engaged latch tab will be at the back of the slot as illustrated.**

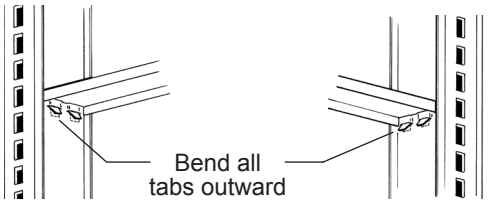
3b. Push Bracket fully into Uprite slots, then push down. Latch must fully engage Uprite to lock the Bracket and Uprite together. Check latch tabs on both sides of Bracket. Tabs must be at the back of the slot in the Bracket. Refer to page I-4 for removal and replacement of the Bracket.

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

If Telescopic Uprites (TEL) are being installed, the Center Rail must be installed in the third lance (12") down from the top of the Uprite. If used with Uprites 60" through 72" high, a Center Rail must be installed in the third lance down and another installed at mid-height of uprite. Bend all tabs outward **(Detail 4a)** at each end of the Center Rail.



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



DETAIL 4a

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.

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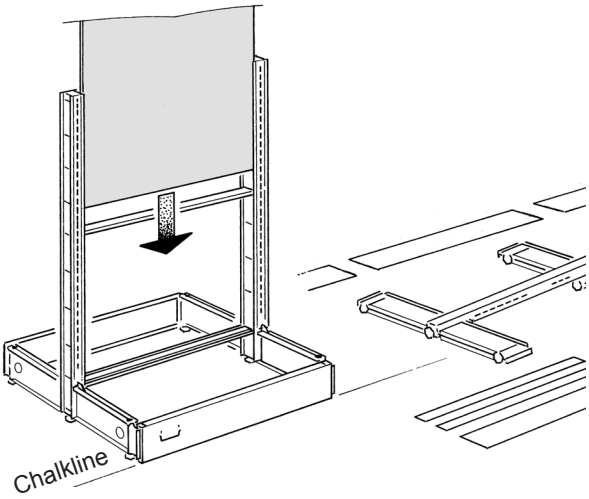
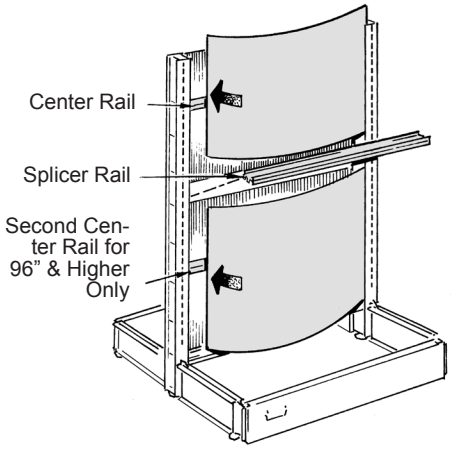
Use care in lowering Back into place. **DO NOT DROP!**

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





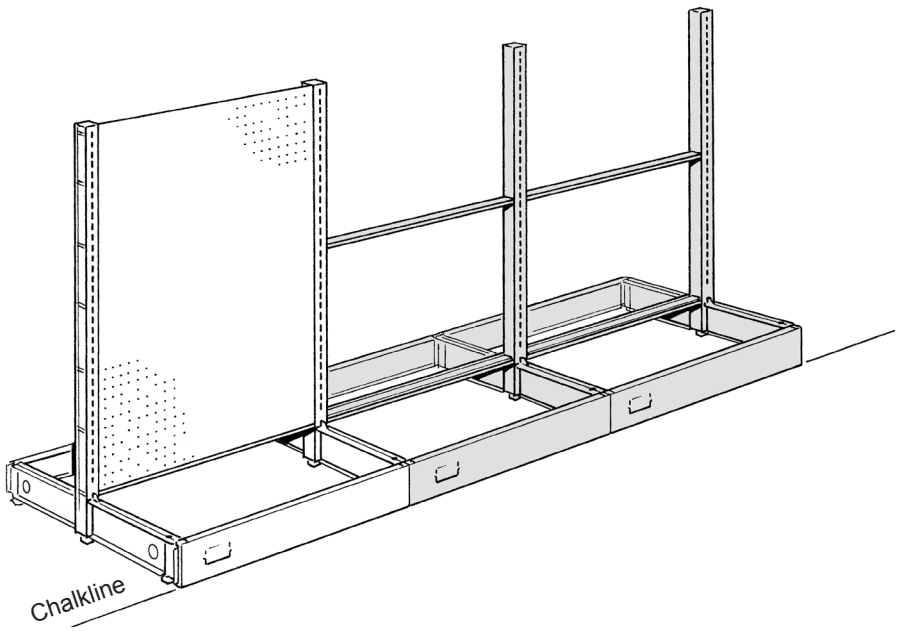
NOTE: If ceiling height is not adequate to drop Panels from top, insert one side edge and flex panel until other edge fits in place.

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** on page 4 for proper sizes). Install Splicer Rail over lower Backs and install upper Back Panels.

TWO-PIECE BACK DETAIL

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



6. Assemble remaining framework along chalkline. Do not install remaining Backs yet!

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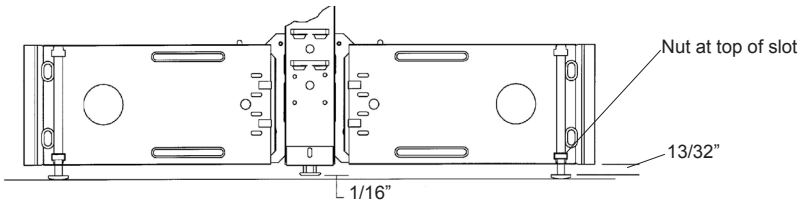
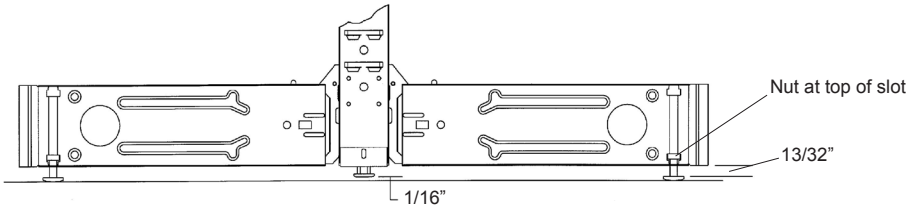
Leveling Procedure Important For Proper Fit of Trim and Accessories!

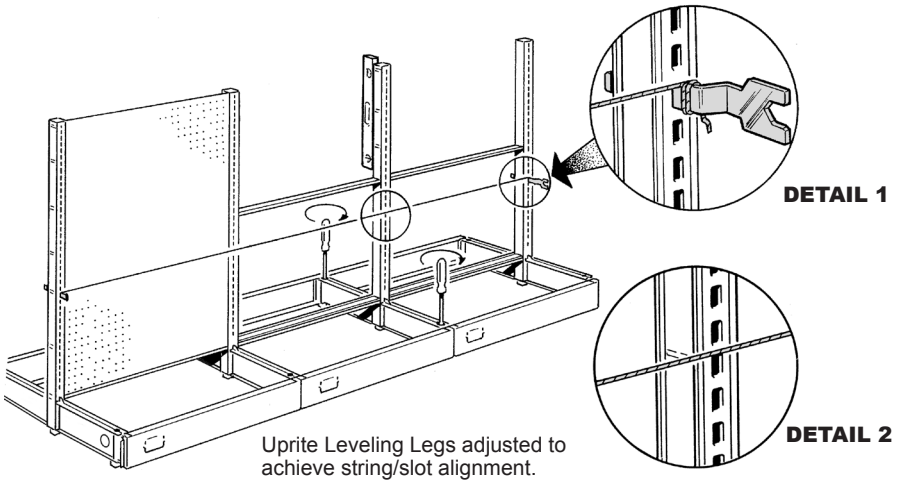
7. The Base Brackets and the Uprite Leveling Legs are pre-set to allow installation of the Island Sections without any leveling adjustment on flat, level floors. Minor adjustments in level and plumbness can be made, if necessary, by simply extending the Base Bracket and/or Uprite Leveling Legs to compensate for low areas in the floor. When finished, make sure the Uprite Leveling Legs have 1/16" clearance above the floor. See Step 9.



U_ and BB_06 LEVELER PRESET

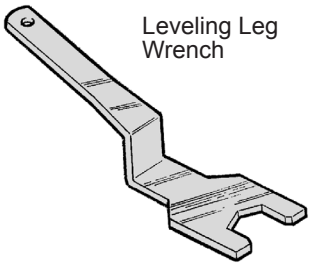


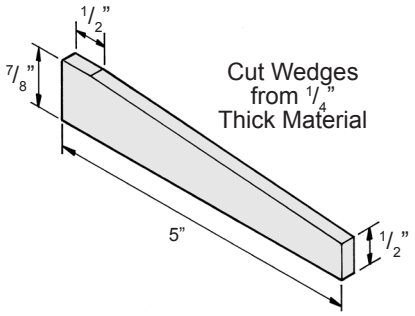
U_ and BB_ LB LEVELER PRESET



Uprite Leveling Legs adjusted to achieve string/slot alignment.

NOTE: Make sure string does not drag on face of Intermediate Uprites.





8. If floor conditions show large amounts of uneven or unlevel conditions, proceed as follows: - Insert Leveling Leg Wrenches (LLW) and/or wedges into corresponding slots in the end Uprites. Run a string between and tie to the LLW's or wedges (Detail 1). Be sure the string is taut. Determine which Uprite is highest in the Island Section run of shelving. Adjust the corresponding slots on uprites below the highest Uprite upward to its level by adjusting the Leveling Legs on the Base Brackets (Detail 2). At the same time, keep each Uprite plumb by checking with a carpenter's level. **CAUTION: Do not extend Uprite Levelers more than 1" past the bottom of the Uprite, and do not extend the Base Bracket Leveling Legs more than 1 7/16" past the bottom of the Bracket.**

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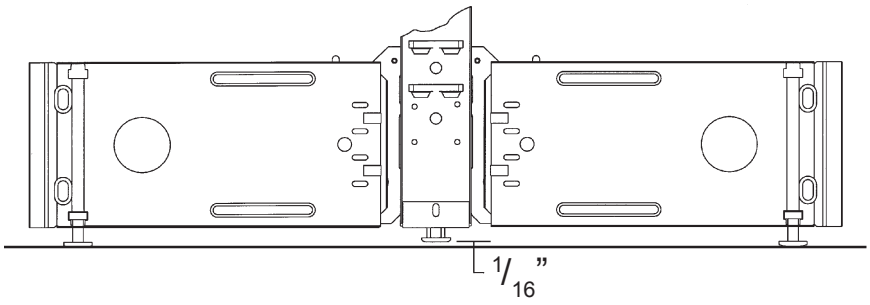
9.

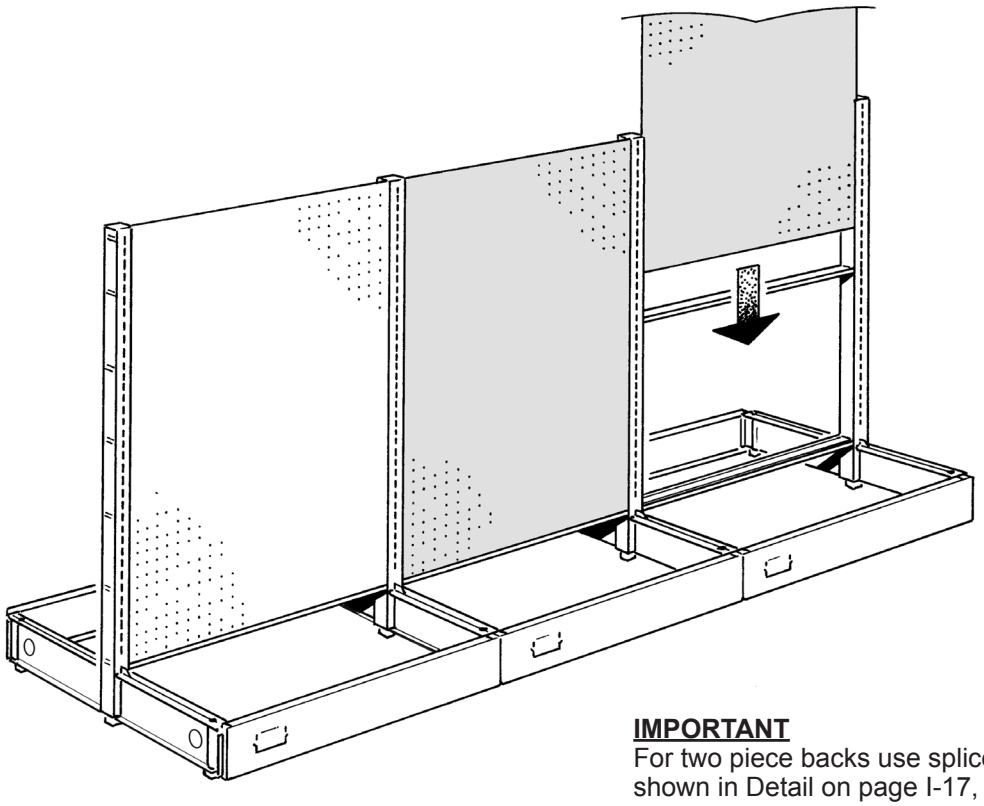
Adjust the Uprite Leveling Legs on each Uprite so that the gap is approximately 1/16".

NOTE:
At this point, all Uprites must be plumb and at proper height.



10.

Install remaining Backs. Refer to Back Panel Information on page I-4 for proper sizes. For two-piece Backs refer to Detail on page I-17, Step 5.

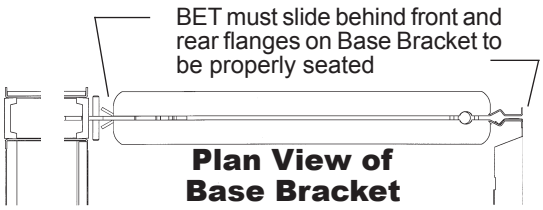


IMPORTANT
For two piece backs use splicer rails as shown in Detail on page I-17, Step 5.

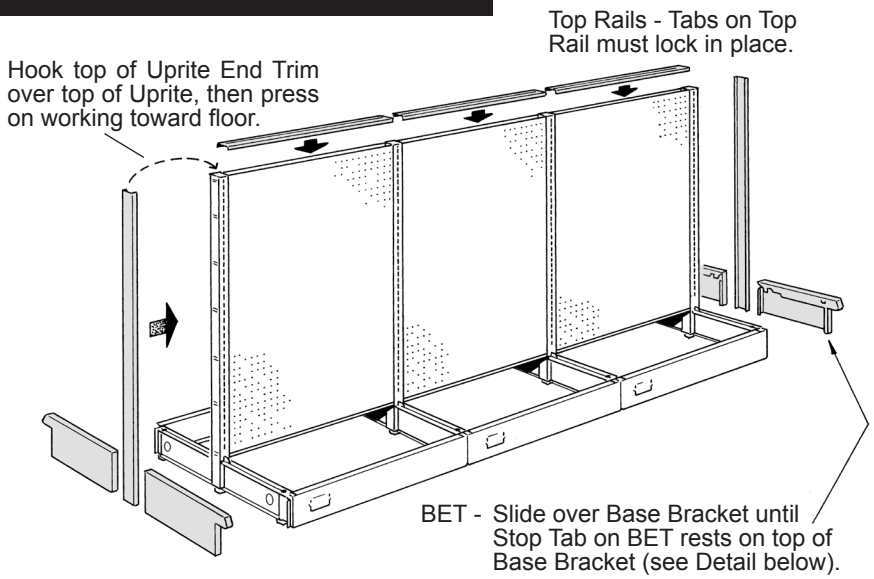
***WARNING!* Do not exceed maximum allowable Pegboard Back loads - see Unbalanced Load Calculations Section 3 Special Warnings.**

Island Section Installation

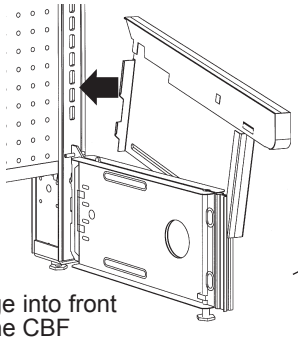
11. Install Base End Trims, Uprite End Trims and Top Rails.



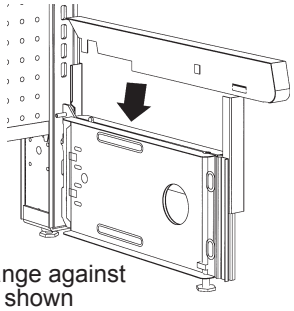
IMPORTANT
Base Bracket End Trim (BET) **must** be installed **before** installing Base Decks.



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

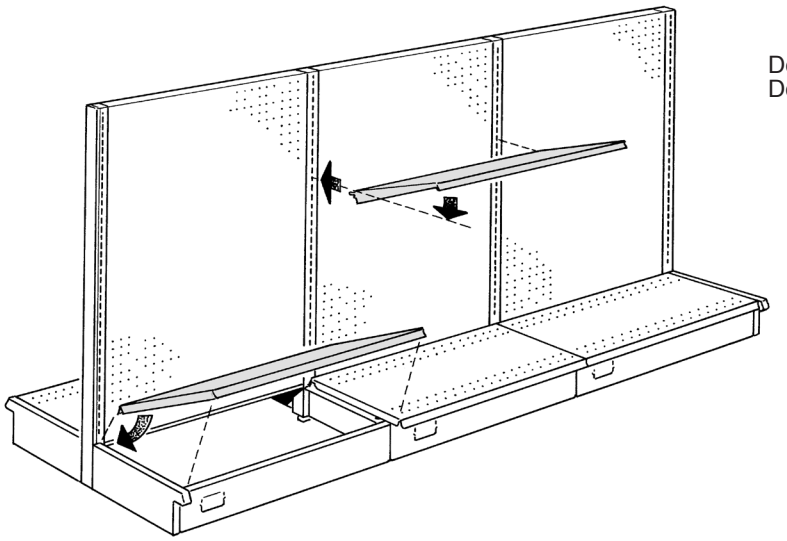


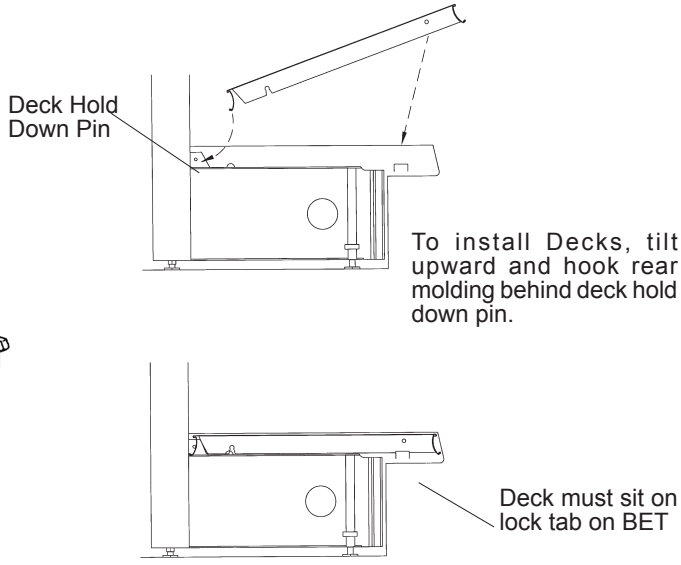
1. Insert front flange into front of BB adjacent to the CBF



2. Put rear flange against BB hook slide shown

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 I-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 7, page I-18.

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