LouverDrape®
Vertical Blind Measuring & Installation Instructions

FOR ZIRLON® AND FORTÉ™ WHEELED TRACK SYSTEMS

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LouverDrape®

LEADERS IN QUALITY

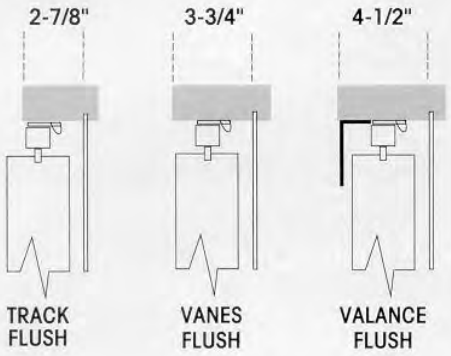
Measuring Instructions

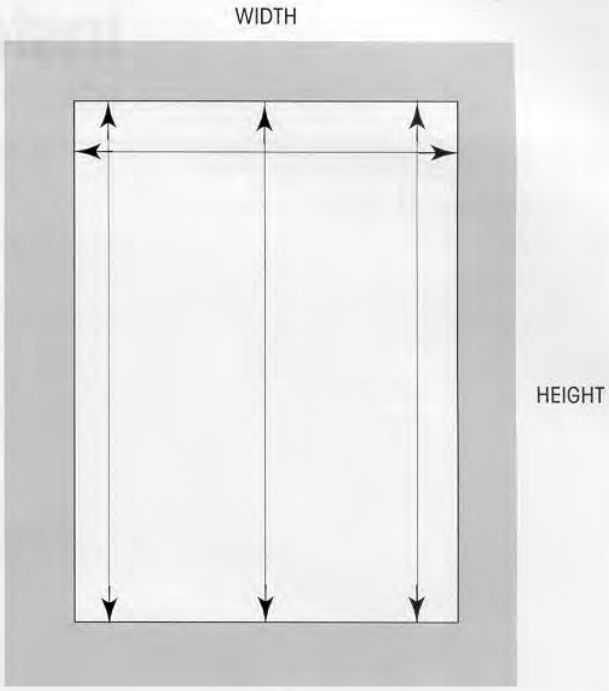
2

Inside Mount

- Measure the width of the window at the top. The factory will automatically deduct 1/4" for clearance.
- Measure the height of the window from the top of the opening to the sill in 3 places. Use the smallest dimension for the blind height. The factory will automatically deduct 3/8".

VARIOUS WINDOW CASEMENT DEPTHS OFFER OPPORTUNITIES FOR THE FOLLOWING INSIDE MOUNT VARIATIONS FOR ZIRLON OR FORTÉ WHEELED TRACKS.

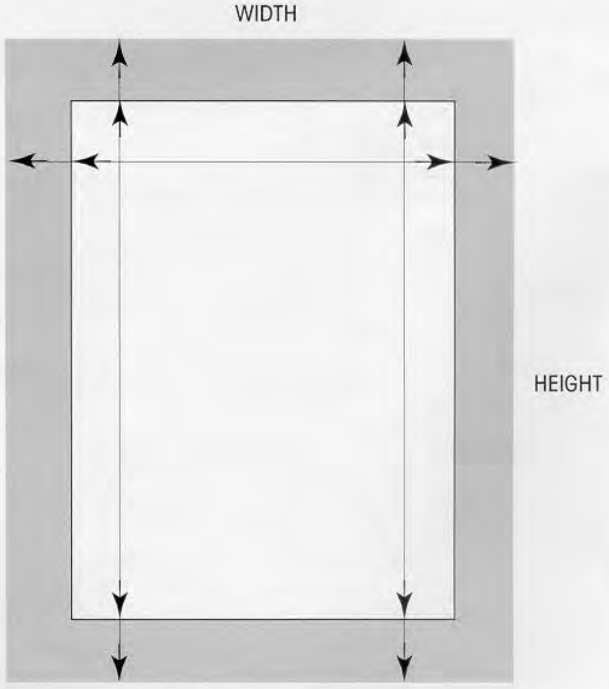




INSIDE MOUNT

Outside Mount

- Measure the width of the window plus 4" each side for light blockout and privacy. Give this measurement when ordering.
- For perfect louver spacing, it is recommended that you round up the width measurements to the next standard size. (See Stacking Chart, page 31).
- Measure the exact height of the window in 2 places. Use greater height. Add the recommended overlap of 3" top and bottom for a total overlap of 6". Use this measurement when ordering.



OUTSIDE MOUNT

Ceiling Mount

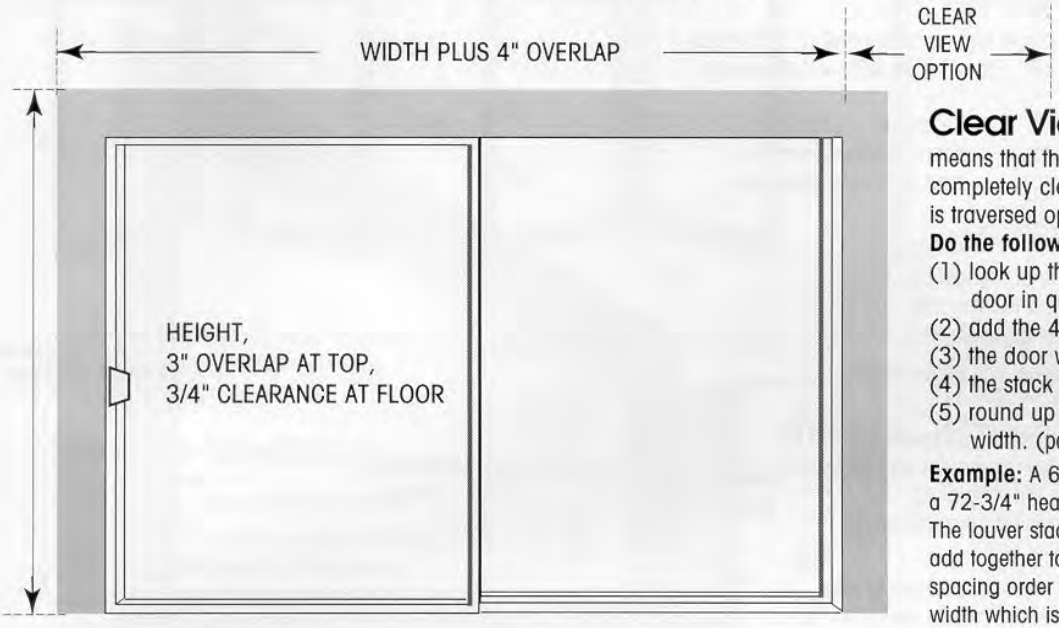
- Follow the instructions above with exceptions noted below.
- For wall-to-wall installation, specify exact width at ceiling height, factory will automatically deduct 1/4".
- For ceiling to floor blinds, measure to the top of the carpet pile in 3 pleaces, use the smallest measurement. Factory will automatically deduct 3/8".

CAUTION! BLINDS INSTALLED ON WINDOWS NEAR WALL OR BASEBOARD HEATERS MUST CLEAR THE HEATERS BY 12" ABOVE AND 6" TO THE SIDE.

Patio Door

Outside Mount

Measure the exact width of the patio door. A minimum overlap of 4" on each side is recommended. Outside mount projection brackets are recommended for patio doors with projecting handles.



Clear View Option

means that the window area is completely clear when the blind is traversed open.

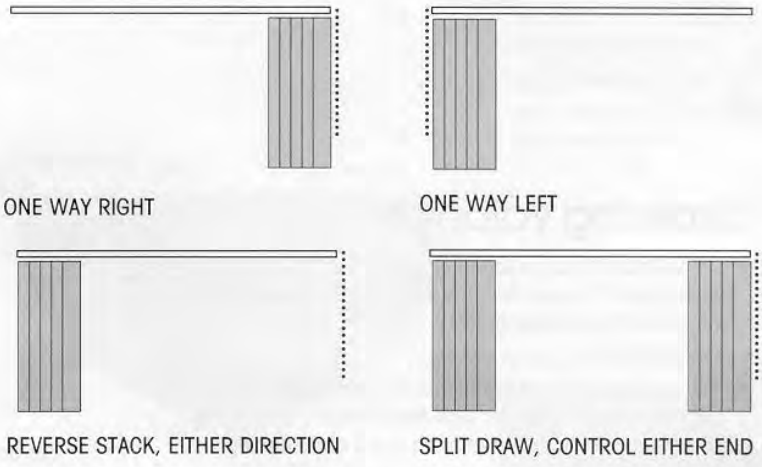
Do the following:

(1) look up the stack width for door in question, (page 31)
(2) add the 4" overlap,
(3) the door width, and
(4) the stack width.
(5) round up to next standard width. (page 31)

Example: A 6 ft. patio door requires a 72-3/4" headrail. The overlap is 4". The louver stack is 10-1/4". These add together totaling 87". For equal spacing order the next standard width which is 88-3/8".

Control Stack Options

AutoWand™ available for one-way draw only, either direction.



ONE WAY RIGHT

ONE WAY LEFT

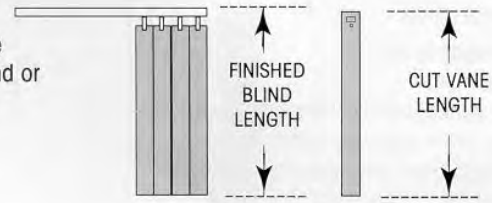
AUTOWAND, CONTROL LEFT

REVERSE STACK, EITHER DIRECTION

SPLIT DRAW, CONTROL EITHER END

Replacement Vanes

Replacement vanes may be ordered to change the look of an existing blind or replace damaged vanes.



When ordering, indicate the style of blind and the number of vanes needed.

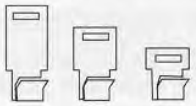
Specify Finished Blind Length (height of blind including headrail) or Cut Vane Length (length of a louver excluding the headrail). Note: There is no guarantee of color match to the original order.

Angle Top Blind

4

Measuring for Angle Top blinds

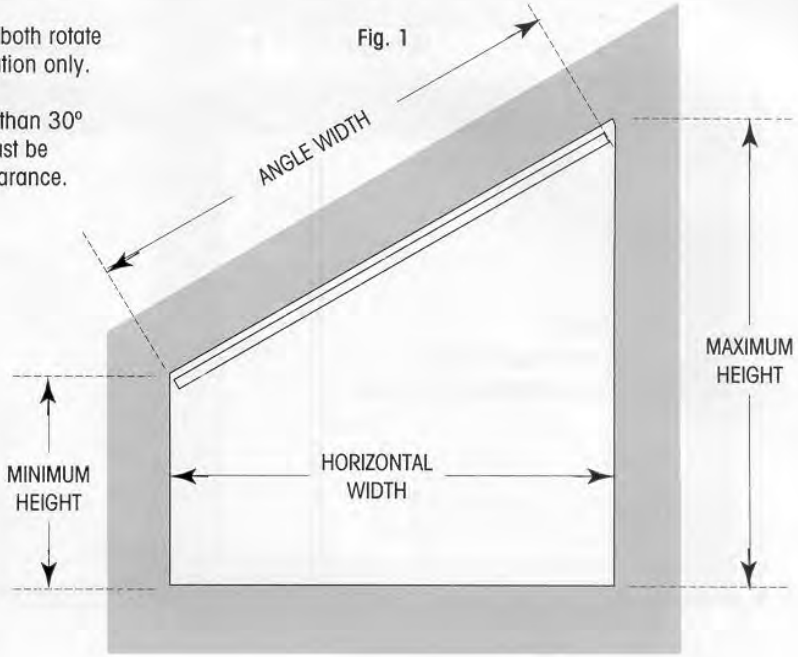
- The maximum angle for a vertical blind to both rotate and traverse is 18°. From 18° to 45°—rotation only.



For angles greater than 30° extender hooks must be used for louver clearance.

- Controls must be at highest point on the window. Blind is available only as one way draw to the high point.
- Track measurement will begin at the lowest corner.
- The corner of the track will touch the side of the window casement about 1-1/4" from the top. (Point A) Specify measurement from this point. (Figure 2)
- The factory will make each vane to the longest length. Vanes will be cut to length at time of installation.
- Specify angle top blind in Special Instructions on your order form.

Fig. 1



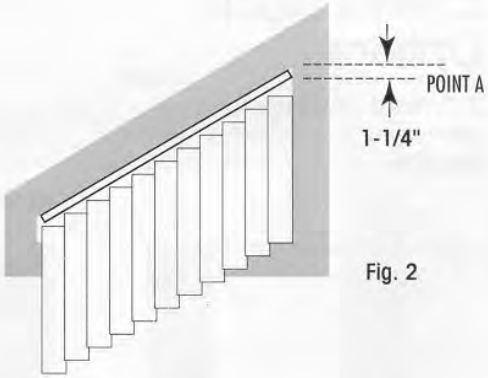


Fig. 2

Ordering valance

- The valance for angle top blinds mounted inside must be ordered 4" longer than the track width. The angle of the end of the valance must be cut at the time of installation.
- The valance for angle top blinds mounted outside must be ordered 6" wider than track width and can only have returns if the ends are not cut to match the angle of the window.

For both Angle Top and Angle Bottom blinds, the factory will make each vane to the longest length. Vanes will be cut to length at time of installation.

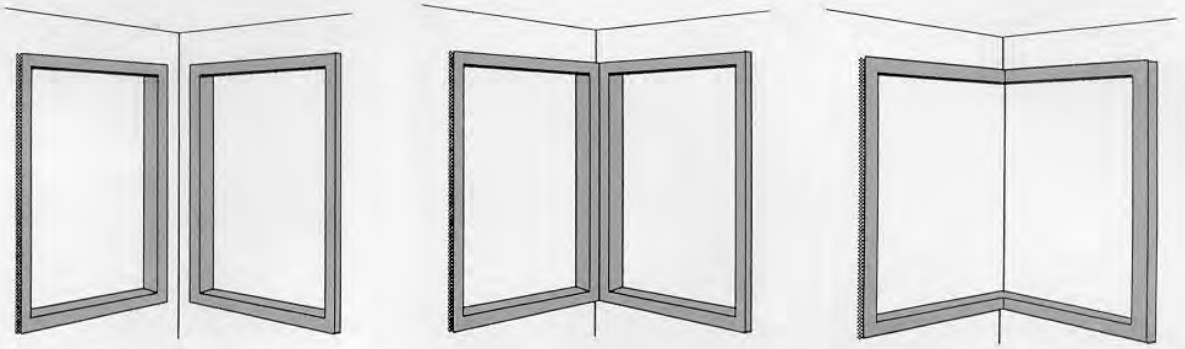
Ordering Angle Bottom blind

- Track is measured the same as standard vertical blinds.
- Measure the longest drop. Each vane will be made to the longest drop and must be cut to size when installed. (Figure 3)

Fig. 3

Corner and Bay Windows

Illustrated are three typical corner window constructions. Bay window is illustrated in plan view, page bottom.



An outside mount is the most common type of installation. Inside or ceiling mount may also be used.

How To Measure

- Measure for each blind individually.
- The width of the center blind of a bay window is obtained by measuring from corner to corner as illustrated below. (Figure 1)
- Subtract the appropriate deduction shown in the Deduction Chart.
- The widths of the side blinds are obtained by measuring from the inside corner to the outside corner of the bay window as illustrated.
- Subtract the appropriate deduction found in the Deduction Chart. (Figure 2)
- Order each blind individually as a standard blind.
- When ordering a valance, specify in special instructions if a hinged valance adapter is desired. Specify continuous material for valance insert. (See page 15)

Deduction Chart:

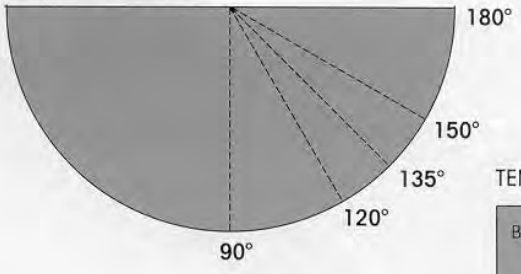
CENTER BLIND SUBTRACT NUMBER BELOW	ANGLE	SIDE BLIND SUBTRACT NUMBER BELOW
5-7/8"	90°	2-15/16"
3-1/2"	120°	1-3/4"
2-1/2"	135°	1-1/4"
1-1/2"	150°	3/4"
0"	180°	0"

Fig. 2

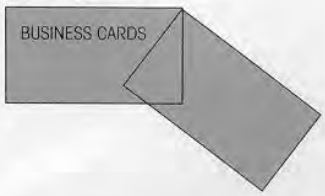
How to use the Deduction Chart (left)

- The bay window angle can be determined by copying the angle with a template made of 2 business cards.
- Compare the angle of this template with the protractor shown below left. (Figure 3)
- Subtract the appropriate deduction from each blind as shown in the chart.
- Deductions are based on using standard 3-1/2" outside mount wall brackets.

PROTRACTOR Fig. 3



TEMPLATE FOR ANGLE



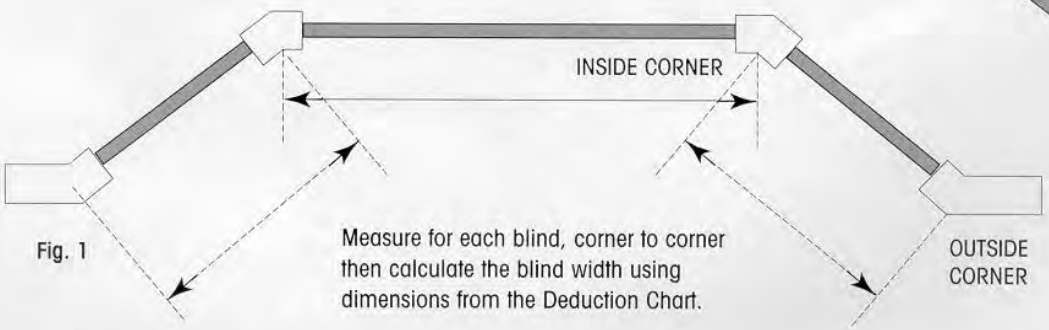
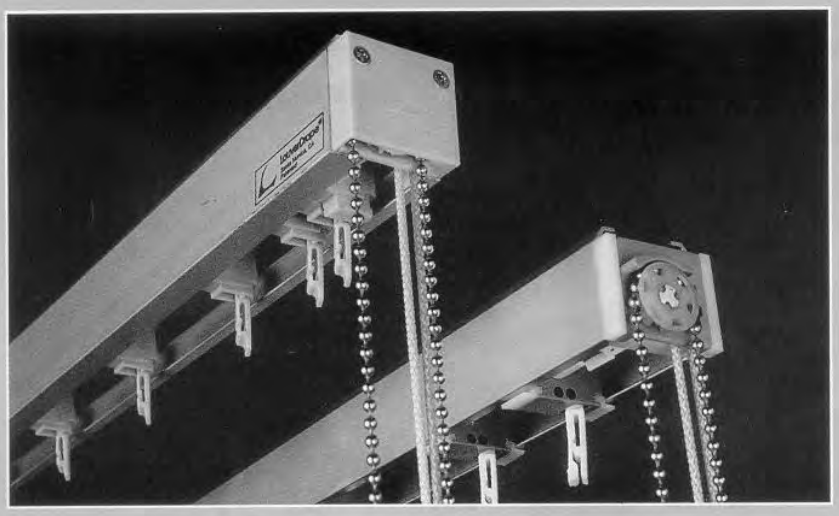


Fig. 1

Measure for each blind, corner to corner then calculate the blind width using dimensions from the Deduction Chart.

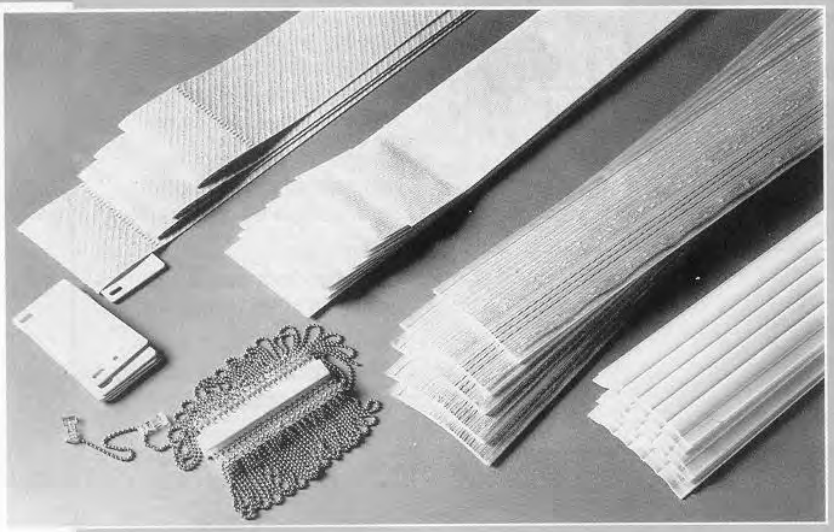
Parts List

Note: Shown here are examples of all the components available for Zirlon or Forté Wheeled Track vertical blinds.



- ZIRLON HEADRAIL WITH CORD AND BEAD CHAIN
- FORTÉ HEADRAIL WITH CORD AND BEAD CHAIN

- AUTOWAND, AVAILABLE WITH ZIRLON ONLY

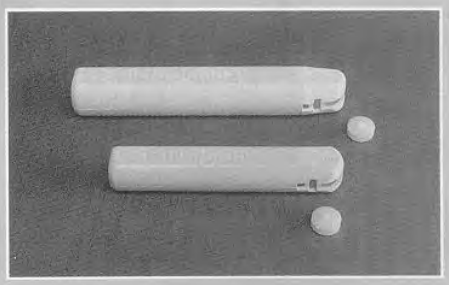


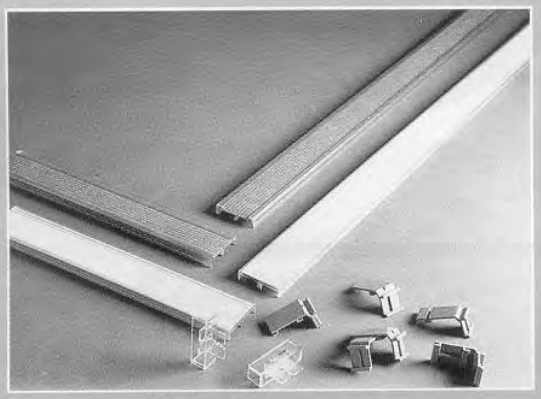
(RIGHT TO LEFT)

- SOLID VINYL LOUVERS
- LOUVER-GROOVERS WITH INSERT MATERIAL
- FREEHANG FABRIC LOUVERS WITH SEALED IN WEIGHTS
- FREEHANG FABRIC LOUVERS WITH LOOSE BALLAST WEIGHTS*
- BALLAST WEIGHTS AND BEAD CHAINS*

* LOOSE BALLAST WEIGHTS AND CHAINS BY SPECIAL ORDER
BALLAST WEGHT POCKETS ARE SONIC WELDED

- CORD WEIGHT/LARGE
- CORD WEIGHT/SMALL





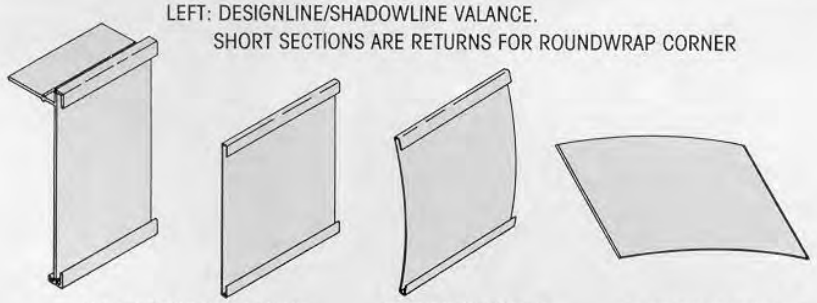
- CHANNEL RAIL MOLDINGS AND RETURNS WITH SOLID VINYL INSERTS AND FABRIC INSERTS
- CHANNEL RAIL MOLDING
- CLEAR CORNER ADAPTORS
- CHANNEL RAIL MOLDING BRACKETS
- CHANNEL RAIL MOLDING CORNER CLIPS

- STOP BEADS

Valances, Fasteners and Brackets

All valance options are available for Zirlon Wheeled System. DesignLine with RoundWrap or Tailored Corner for the Forté Wheeled Track only.

LEFT: DESIGNLINE/SHADOWLINE VALANCE.
SHORT SECTIONS ARE RETURNS FOR ROUNDWRAP CORNER



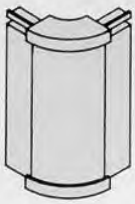
FLAT GROOVER RETURNS FOR SQUAREWRAP CORNER

CURVED GROOVER RETURNS FOR TAILORED

DUST COVER FOR ALL

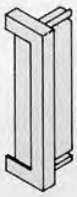
▲ (TOP ROW LEFT TO RIGHT)

- THREADED SCREW SETS (FOR DRYWALL)
- PLASTIC EXPANSION PLUGS (FOR DRYWALL OR PLASTER)
- TOGGLE BOLTS (FOR PLASTER)
- RAUL PLUGS (FOR CEMENT)
- #8 PAN AND HEX SCREWS (USE WITH EXPANSION PLUGS)
- #8 SELF DRILLING HEX HEAD
- MOLLEY BOLTS (FOR DRY WALL)
- SELF DRILLING #8 HEX HEAD SCREWS FOR ALUMINUM
- #8 SHEET METAL SCREWS (FOR ALUMINUM)

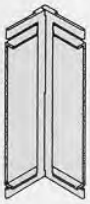


ROUNDWRAP CORNER

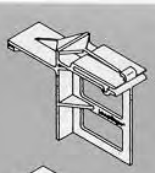
SQUAREWRAP



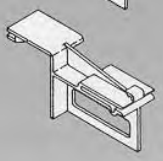
TAILORED CORNER



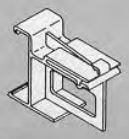
CORNER HINGE FOR DESIGNLINE VALANCE



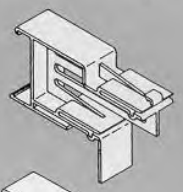
DESIGNLINE OUTSIDE MOUNT BRACKET FOR FORTÉ AND



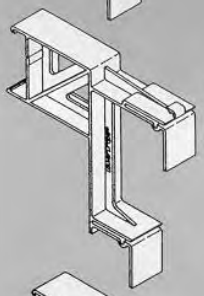
DESIGNLINE INSIDE MOUNT BRACKET FOR FORTE AND ZIRLON (CAMLOCK)



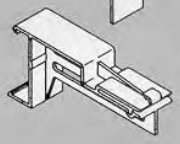
DESIGNLINE INSIDE MOUNT BRACKET



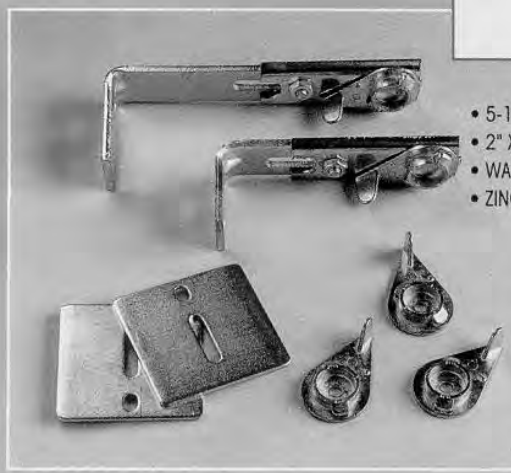
SHADOWLINE BRACKET



SHADOWLINE II BRACKET



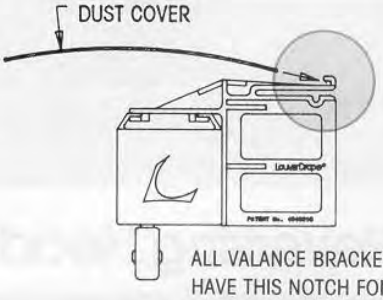
PERSPECTIVES BRACKET



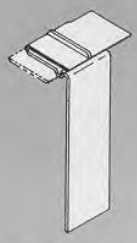
- 5-1/2" X 2" ADJUSTABLE ANGLE BRACKET
- 2" X 1-1/2" ADJUSTABLE ANGLE BRACKET
- WALL PLATES
- ZINC THUMB CLAMPS

WALL PLATE MAKES FIRM BASE FOR DEGRADED WALL

DUST COVER



ALL VALANCE BRACKETS HAVE THIS NOTCH FOR ATTACHING DUST COVER



VALANCE CENTER SPLICE FOR DESIGNLINE

Fasteners are shown as suggested alternatives for various wall or header constructions. No fasteners are included with orders.

Inside/Ceiling Mount Headrail Installation

Note: Following procedures apply to both Zirlon and Forté Wheeled Track Systems.

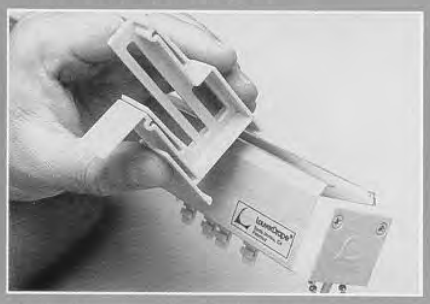
Locate outermost thumb clamps within 3" from the end of the headrail. Maximum distance between thumb clamps is 30".

Add 2-1/4" from glass or obstructions such as moldings or handles so that when louvers are hung, they will have clearance.

Drilling pilot hole will reveal header construction. Generally the header over a window will either be wood or aluminum. Ceiling mounts are generally dry wall or plaster.

Choose a fastener appropriate for the type of wall construction. (See fastener options on page 7)

Install thumb clamps. Tighten screw firmly but allow clamp to rotate. Position lever toward window. (Hex head screws will speed installation)



Note: If a valance is to be installed, attach appropriate valance brackets* to headrail before mounting. See appropriate valance section for type of valance being installed.

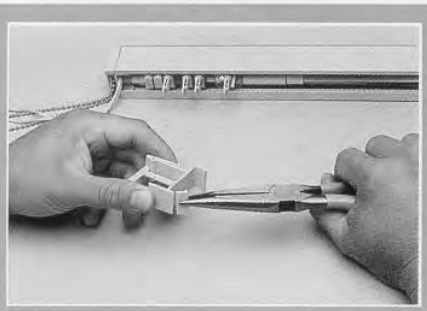
Align thumb clamp. Note: Carriers are offset toward the window.

Turn thumb clamp lever and tighten behind headrail.

*** Bracket shown is ShadowLine bracket for Zirlon.**

Reversing Headrail

To change the location of the controls from one end to the other, at the same time changing the direction of traverse, simply reverse the headrail.



Modify Snap-on Valance Brackets:

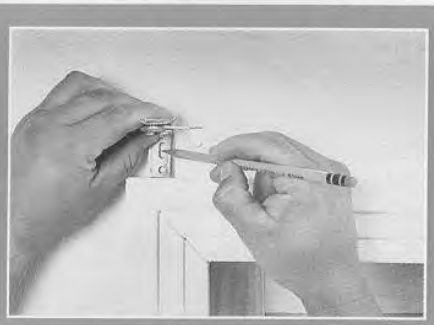
Because the louver carriers are off-center it will be necessary to alter the snap-on brackets. Break off the bottom tab so it won't interfer with carriers during traverse.

Valance Camlock Brackets:

Camlock brackets do not effect movement of the louver carriers. They attach on the backside of the headrail as on the frontside.

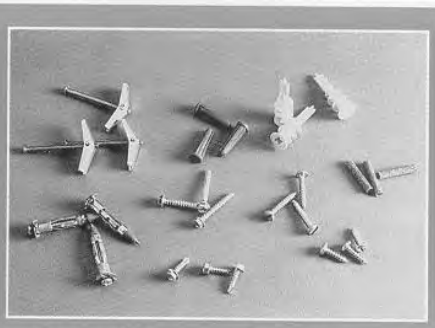
Outside Mount Headrail Installation

Note: Following procedures apply to both Zirlon and Forté Wheeled Track Systems.



Install 1st bracket directly above corner of window or 2" above trim. Height above the window is determined by your original measurement. Mark screw holes.

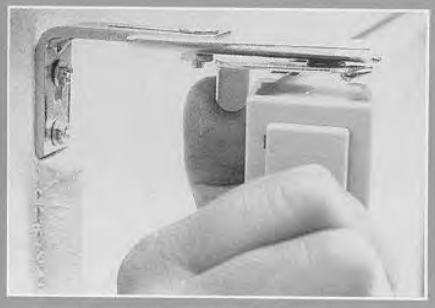
Drilling pilot hole will reveal header construction. Generally the header over a window will either be wood or aluminum.



Choose a fastener appropriate for the type of wall construction.

Maximum distance between brackets is 30".

Mount angle brackets. Hex head driver speeds installation.



Attach headrail to angle brackets with thumb clamp levers behind the headrail. Rotate thumb clamp, locking headrail into place.

Adjust bracket projection to clear obstructions or moldings.

Example: Clear molding.

Zirlon® with AutoWand™

The blind will not be shipped with the wand attached.
Attach the wand before installing the louvers and valance.
Thread the eyelet into the hole in the stem of the lead carrier.
Pinch the eyelet closed to prevent it from coming detached.

Test the blind: Twist the wand to test rotation.
Test traverse by pushing/pulling the lead carrier with the wand.

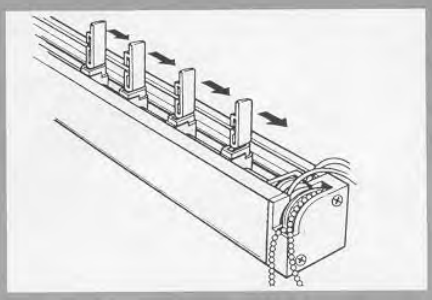
AutoRotate

Available on Zirlon headrails only.

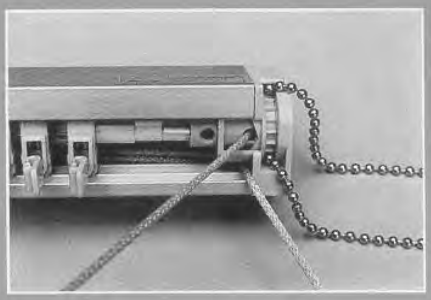
Stop! You must read and follow these directions.

Take a moment before you begin installation to make sure the traverse cord hasn't spooled up on the sprocket.

Do not rotate the louver carriers in either direction before installing the louvers because rotating them will cause the cord to spool on the sprocket.



The carriers are set to the "open" position at the factory, that is, the back or flat side of the hook is facing the control end of the headrail.



Any cord spooled on the sprocket will not fully unspool when the louvers are attached, the blind **will not** operate as intended.

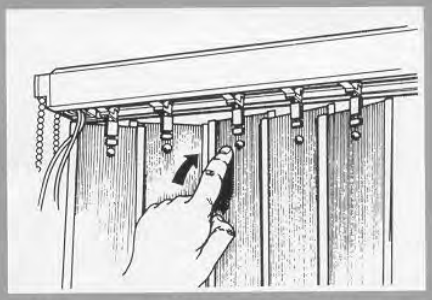
AutoRotate/Changing The Overlap (For conventional Zirlon or Forté headrails, see page 30).

Note: (1) AutoRotate blinds will have only 180° louver rotation.
(2) Right and left control assemblies are not interchangeable on an AutoRotate blind.

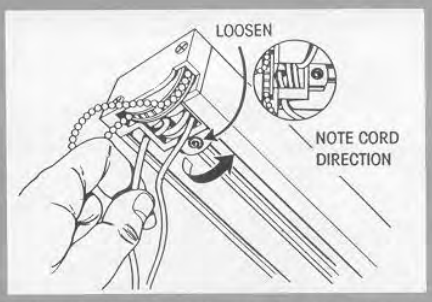
Changing the overlap with AutoRotate requires more steps than required for standard Zirlon.

When installation is complete, installers should ask the customer if they are happy with the direction the louvers are facing. If not, you can change the overlap by following these steps:

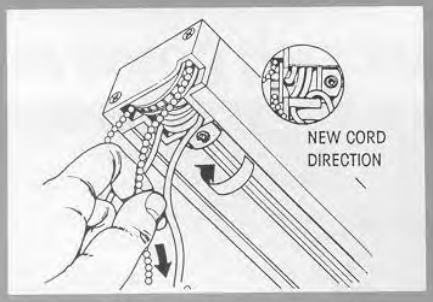
1) Completely close the blinds.



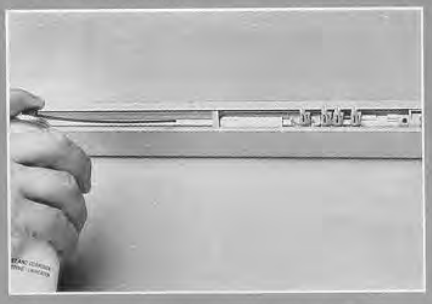
2) Then, at the top of the louvers where they overlap, press the corners which are in front, through to the back. Do not traverse or rotate the blind at this point.



3) Loosen the set screw on the sprocket and unspool the traverse cord while noting which direction the rod turns.



4) Respool the cord by turning the spool two complete turns in the opposite direction from which the cord was originally spooled.
5) Retighten the set screws on the sprocket.



Because the cord now passes through the AutoRotate mechanism there will be a slight increase in the resistance to traverse. Lubricate the trucks inside the channel with Krylon Silicone spray.

Angled Top Blind Installation

Note: The angled headrail prohibits the normal function of the louver hooks. Horseshoe hooks form the necessary flexible connection between headrail and louvers.

Locate thumb clamp 3" or the closest distance from corner that space for the drill will allow. Maximum distance between thumb clamps is 30".

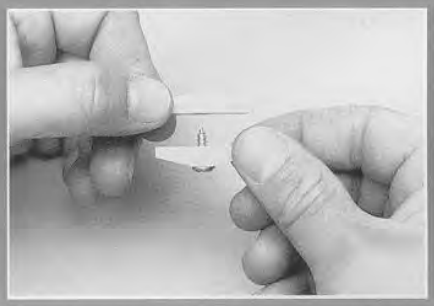
Align thumb clamps with the lever behind the headrail.

Turn thumb clamp lever to lock headrail in place.

Insert horseshoe hook into the plastic retainer shoe. Retainer shoe keeps the hook from falling out.

Slightly compress wire converter hook to attach louver.

For angled blind installation the factory cuts all louvers to the longest length. Louvers are cut to finished length on location.



To secure the lead truck at the high end of the blind, insert screw through top and bottom of angled blind clamp.

Secure clamp to headrail behind the first functioning truck. Ignore any dummy trucks.

Mark each louver so when cut each will have 3/8" clearance above sill. For outside mount, mark louvers at 1-1/2" to 3" below the sill.

Mark guide line and trim to length using shears.

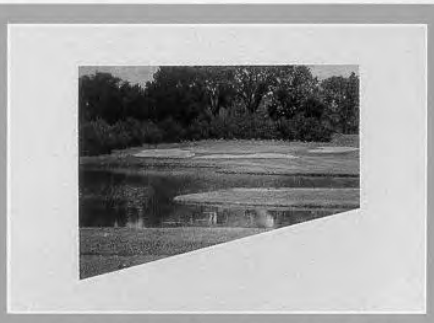
Note: If angle is greater than 18°, we do not recommend traversing.

Tip 1: Put a blind clamp every 3rd or 4th carrier on blinds over 18° to take the weight off the connector links.

Tip 2: Securing the cord with a spring tension pulley instead of standard cord weight prevents louver carriers from creeping down the slope of the track.

Angled Bottom Blind Installation

Note: For angle bottom installations, only vinyl louvers are specified. In all cases the louver length will be trimmed on site.



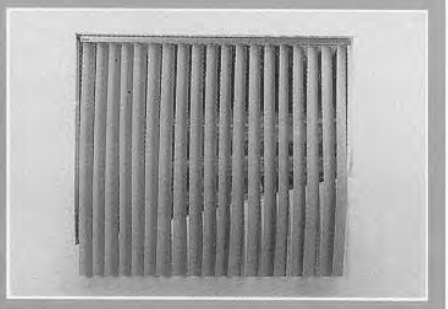
Locate outermost thumb clamps within 3" from the end of the headrail. Maximum distance between thumb clamps is 30".

And 2-1/4" from glass or obstructions such as moldings or handles.

Align thumb clamp with lever behind the headrail.

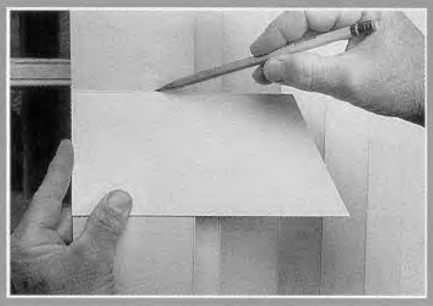
Turn thumb clamp lever to lock headrail in place.

Attach louvers as shown on page 16. Remember to have coupler on bead chain at bottom of loop.

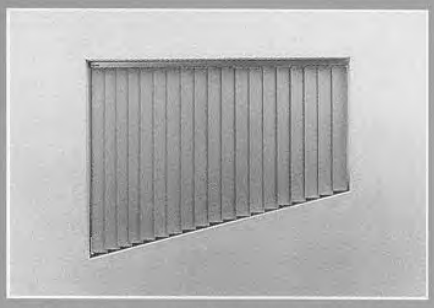


For angled blind installations the factory cuts all louvers to the longest length.

Mark each louver so the closest corner will have 3/8" clearance above sloping sill. For outside mount, mark louvers so the closest corner will be 1-1/2" to 3" below the sill.



Mark cutting guide line. Carpenters square optional, or make a guide by salvaging the end of a louver.



Using shears, carefully cut each louver to length.

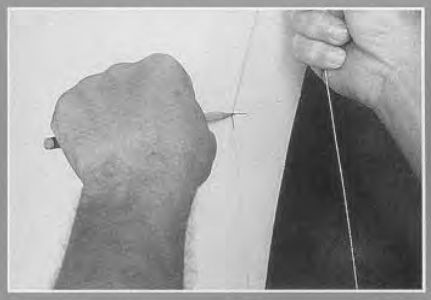
Gothic Window Blind Installation

Note: Rotation is controlled by NT track at louver bottom. Specify only vinyl louvers. Louver length will be trimmed on site.

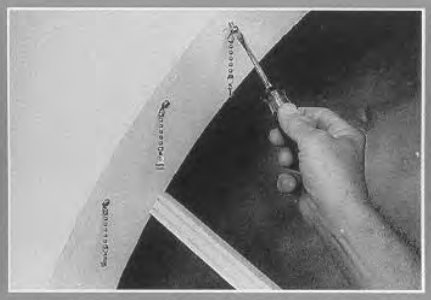
Install the NT track on the bottom sill using standard thumb clamps. Allow 2 inches of clearance from center of NT hooks to window or any obstructions.

Install idler sprocket inside window frame at a height to slightly tension chain.

OPTION 1. Louvers will hang from Extreme Slope Hooks. Locate hook positions by centering a plumb bob directly above each NT track hook.

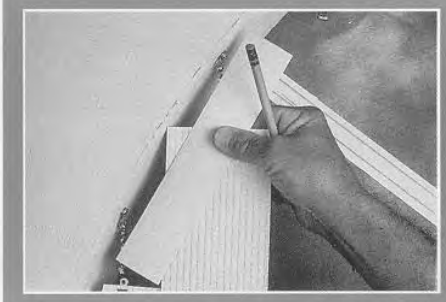


Mark the position for each Extreme Slope Hook.

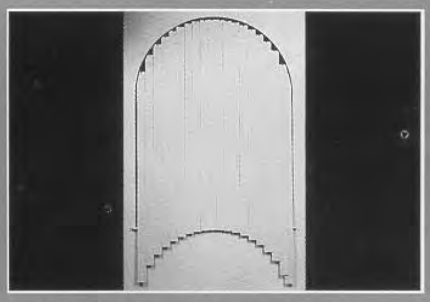


Attach Extreme Slope Hook to arch header so the chain and hook are aligned beneath your mark. The screw will be somewhat above the mark.

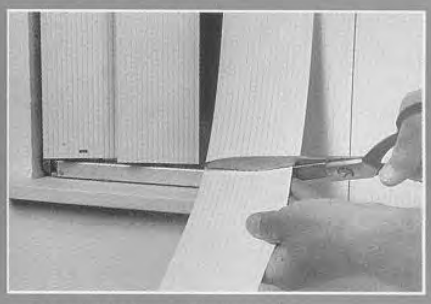
To minimize the light gap, (1) shorten the chain on the Extreme Slope Hook as the angle of the arch decreases, (2) trim the corners of the louvers.



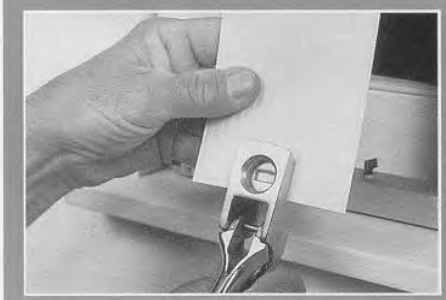
As you hang each louver use a straight edge to mark louvers parallel to the curve of the arch. With shears, trim corners.



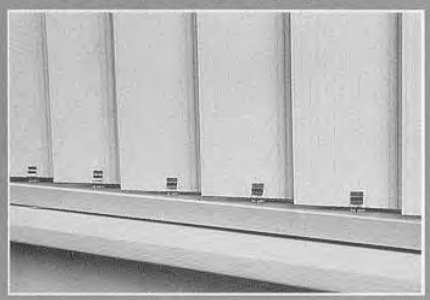
After all louvers are in place, mark the bottom of the louvers so that 1/4" space is left between the top of the NT track and the louver bottom. Use a right angle guide.



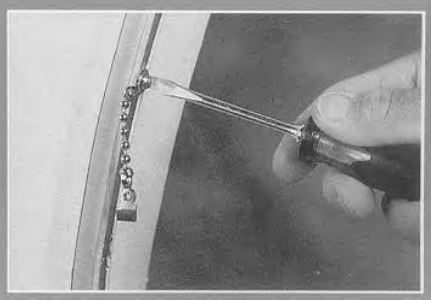
Trim the bottom of the louvers.



Hole punch bottom of louvers with LouverDrape tool #75057.



Attach louver bottoms to spring loaded NT hooks. The louvers will be slightly under tension. TEST ROTATION TO MAKE SURE THAT ALL LOUVERS TURN FREELY.



OPTION 2. Install cubicle track inside arch. Attach Extreme Slope Hooks with set screw, locating position as described in option 1.

Corner/Bay Window Installation

Corner and Bay windows will generally fall into one of 3 styles. See illustrations.

For Figures 1 and 2. If inside mount blinds are desired, the corner stile will keep the blinds from meeting. Order and install as standard inside mounts.

For Figures 1, 2 and 3. If outside mounts are desired there are 2 options; Corner-To-Corner or Butt-and-Bypass. See figure 4.

Fig. 1

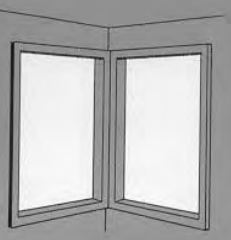


Fig. 2

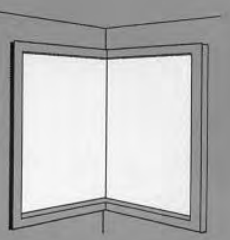


Fig. 3

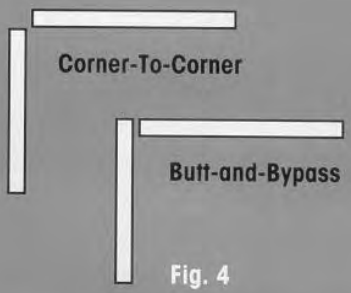
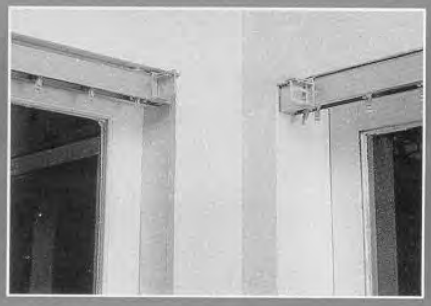
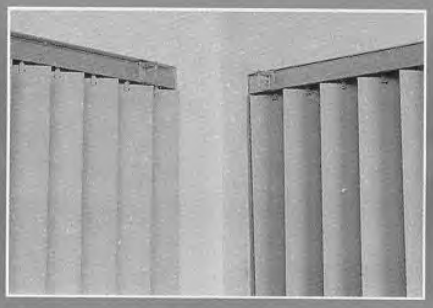


Fig. 4



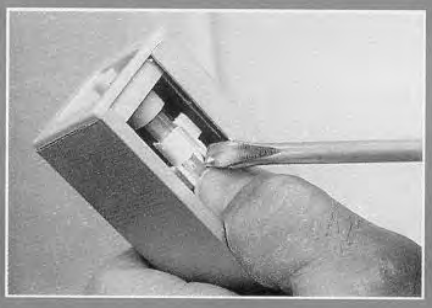
Inside Mounts: If inside mounts are specified, Attach valance brackets before mounting headrails.



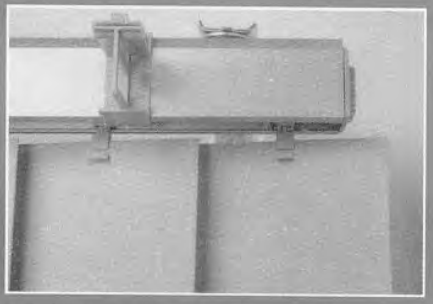
The corner stile will keep the blinds from meeting. Install as standard inside mounts. See next instruction for recommended valance installation treatment.

Although the individual blinds are standard inside mount, the most fashionable valance installation should be outside mount, joined at the corner(s). See details, page 15.

Outside Mounts: Bracket mounting for Corner-To-Corner and Butt-and-Bypass are the same. CAUTION: Carefully align the height of the brackets.

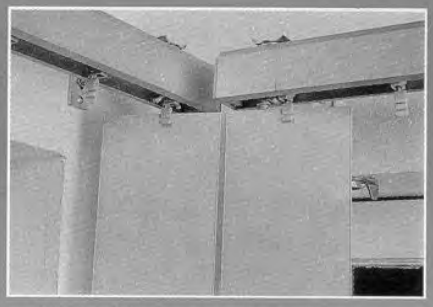


Remove spacer tubes from idler ends of both blinds.



Removing spacer tubes allows the last louver to extend beyond the end of the headrail.

Butt-and-Bypass: Best method for assuring alignment of louvers to minimize light gap at corner. Install Bypass Blind first, 2-1/2" from adjoining wall.

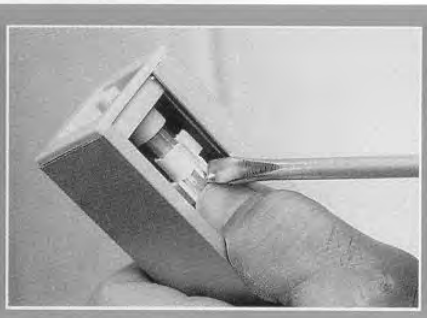


Attach butting headrail. Install the last louver to each headrail. Rotate Butting Blind to full closed position. Test rotation of Bypass Blind

Slight adjustments in the position of the Butting Blind can be made so louvers do not touch yet close the light gap.

Corner/Bay Window Blind Installation continued

Corner-To-Corner: Specifically recommended for all Bay Window installations.



To minimize light gaps where blinds meet, remove spacer tubes from idler ends of both headrails. Install center headrail first.

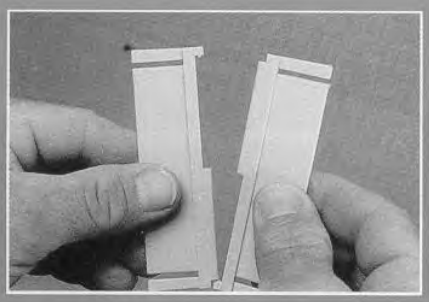
Install 2nd headrail and test rotation to see if the last louvers in each headrail clear each other. Adjustments in the length of the adjustable brackets can assure clearance.

Each blind operates independently. Specify controls on outer side of windows.
Control location for center blind of bay window is customers preference.

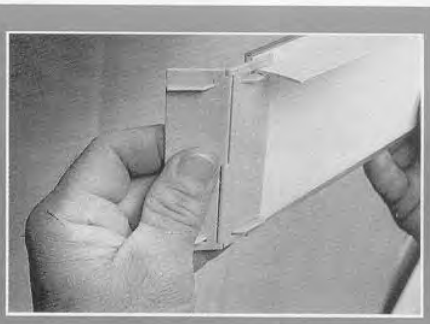
Corner/Bay Window Valance Installation

Recommendation for valance treatment, Inside Mount, see page 14.

Install outside mount valance brackets.



Assemble the Hinged Corner Adaptor. At each end there is a nipple and corresponding indent. With one nipple/dent engaged, lay the adaptor on a hard surface and press the other end together.



With the back of the valance facing you, engage the Corner Adaptor in the corresponding grooves, as shown.

Mount the valance (center section) with the corner adaptor(s) first. Partially engage the 2nd valance in the valance brackets for support.

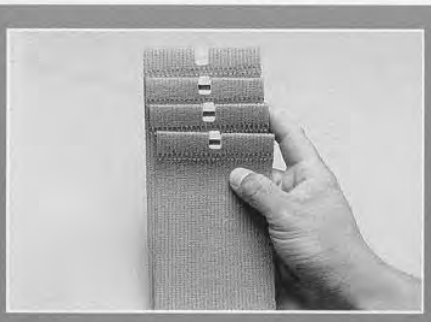
Join the corner. Snap valance all the way into valance brackets.

Valance insert material can be threaded through the corner completely covering the corner adaptor. Continuous valance inserts are available in fabric only.

Louver Installation

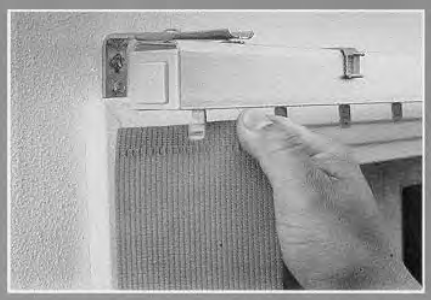
Applies to Zirlon and Forté headrails. For AutoRotate blinds see page (10) for special instruction.

Pull control chain to such a position where the coupler is at the bottom of chain loop before installing louvers.



FOR FREEHANG: Observe the welded seam and be careful to hang the louvers so they all face the same direction.

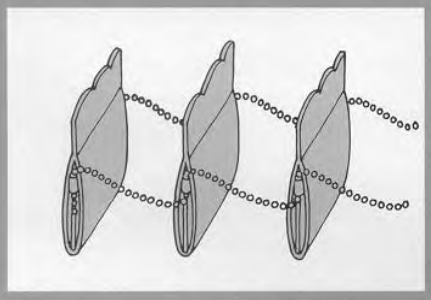
The seams for the ballast weight pockets also indicate the front and back side of freehang louvers.



Attach freehang louvers. Push in and up at angle shown, then pull straight down until louver snaps into place.

If weights are not sealed-in (optional), lay out ballast weights and attach one connector chain.

Insert ballast weights into pockets with connecting chain attatched at top of weight.



Attach the connector chain on the 2nd side of the louver with the chain loops matching the direction on the 1st side.

FOR LOOVER-GROOVER: Push in and up at angle shown, then pull straight down until louver snaps into place. For best appearance, let the hook be hidden by the fabric.

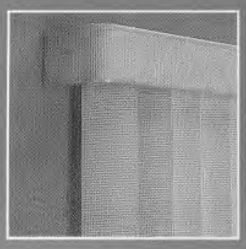
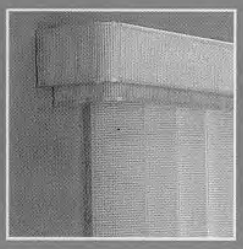
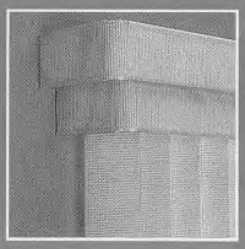
FOR STARLITE: Handle Starlite using cotton gloves or by touching groover edges only. Capture reflective material within hook.

FOR VINYL AND ALUMINUM: Push in and up at angle shown, then pull straight down until louver snaps into place.

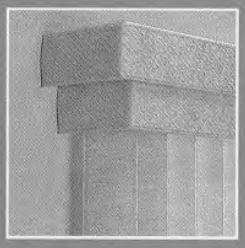
Fabric side of grooved louver should be turned away from the sun. Attach stop on bead chain to limit rotation to 90° (See Bead Chain page 29).

TEST BLIND OPERATION: Pull bead chain to test rotation. Pull cords to test traverse.

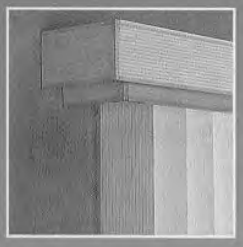
Valance Overview

RoundWrap Corner
A continuous pass through corner. Can accept either fabric or flat vinyl or flat Ridgefield insert.



SquareWrap Corner
Forms a square yet continuous valance/return.
Recommended for use with fabric only.



Tailored Corner
A finished corner look. No visible seam where the two inserts meet. The primary use is for vinyl and aluminum but can be used with fabric as well.

DesignLine
Easy to install and provides a finished look. The best proportion for smaller windows.

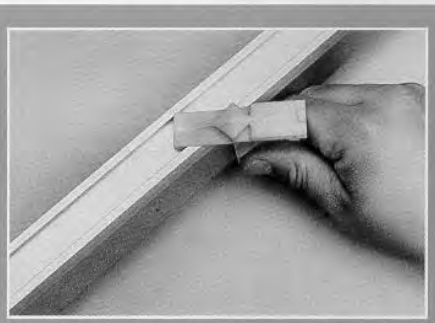
ShadowLine
ShadowLine creates a 3 dimensional look, more interesting than single DesignLine valance. Accent color may be used in the inner valance.

ShadowLine II
ShadowLine II has more depth, adds greater presence in proportion to large or wall-to-wall installations. Accent color may be used in the inner valance.

Dust Cover

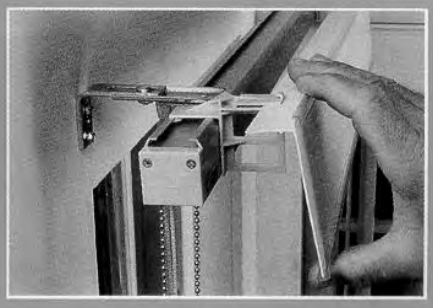
Provides a finish to installation, keeps dust out and prevents light from leaking up into the room.

Camlock Outside Mount Bracket



Engage the slots in the bracket with the shoulders of the headrail, as shown, then lock the bracket into position by twisting from right to left.

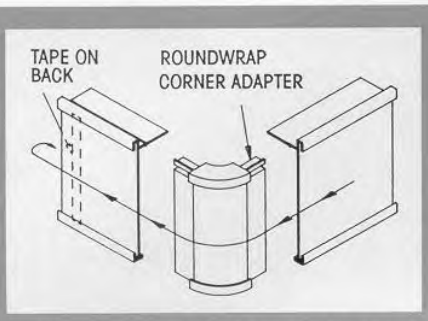
It is easy to recognize the Camlock Outside Mount Bracket by the diamond on the top.



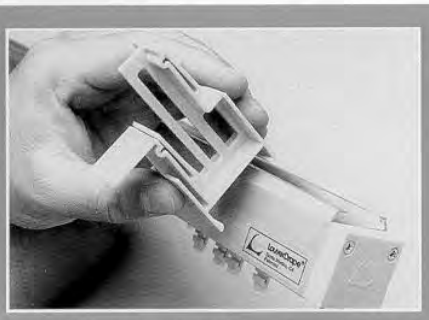
The purpose of the Camlock or outside mount DesignLine valance bracket is to raise the valance so it hides the angle brackets from view.

RoundWrap DesignLine/ShadowLine Valance Installation

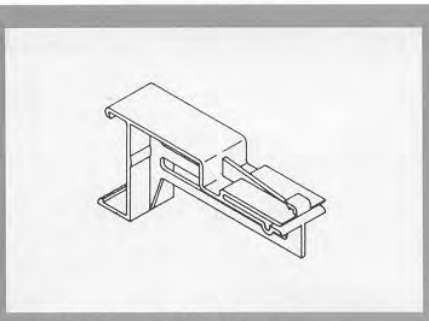
Note: The following instructions apply to both the single DesignLine, ShadowLine/ShadowLine II valances.



Returns for RoundWrap Corner are cut from DesignLine valance stock.



INSIDE/CEILING MOUNT: Brackets must be attached on the headrail before the headrail is mounted on the thumb clamps. (ShadowLine bracket pictured)



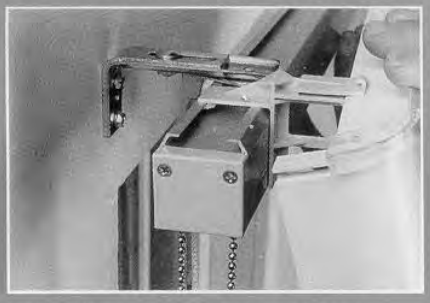
INSIDE MOUNT OPTION: Perspective valance brackets may have been ordered for DesignLine valance in order to project valance further from louvers. (Bracket options page 7)

Measuring, cutting, and attaching returns:

Important reminder!
Before measuring and cutting returns for outside mount valances, adjust the wall bracket length so the louvers clear trim or obstructions.

The next step: Preinstall the valance in order to measure for returns.

OUTSIDE MOUNT: Outside mount brackets may be attached either before or after headrail is mounted. (See Camlock brackets on page 17).



With the RoundWrap Corners attached, temporarily attach the valance onto headrail then measure for returns.

Measure distance from corner round to wall. For ShadowLine/ShadowLine II install both valances and measure to determine the length of each return.

Note: Inside mount can have returns, too! If included, measure from corner round to wall.

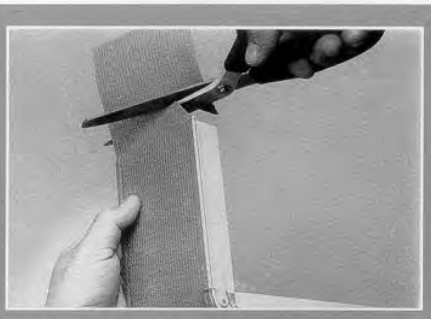
Returns for RoundWrap corner are made from valance material. Cut returns to length. Note: cut notch in back flange to allow shears to cut through entire width of valance.

Now you are ready for the final assembly of the valance. Attach the returns to the corners.

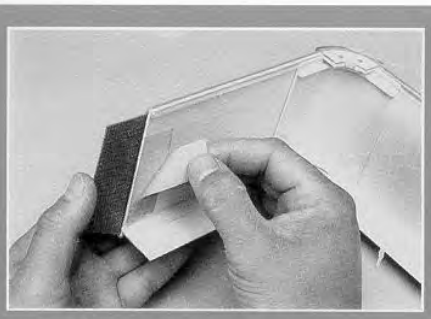
Slide insert material into grooves on the top and bottom of the corner piece and then pull the material through the return.

Keeping valance insert material in corner grooves, complete the assembly, attaching corners to the valance.

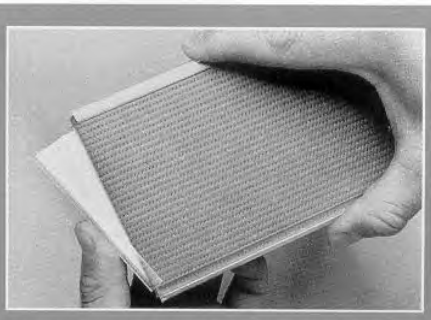
RoundWrap DesignLine/ShadowLine Valance Continued



Fastening ends: Notch fabric to clear back flange, leaving at least 1-1/2" of excess so that it can be folded behind the valance.

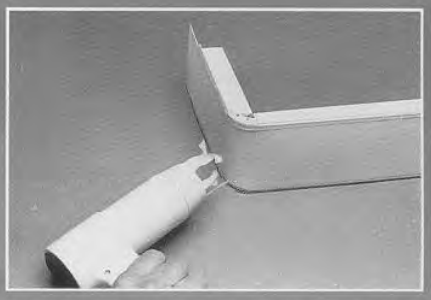


Fold fabric behind the valance return and secure it to back of the return with double faced tape, or

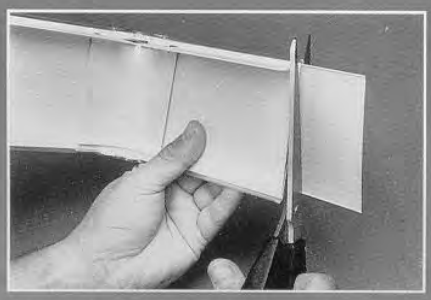


use valance clips. Fold fabric back behind the return and secure by putting the groover clamp over the end of the return. (See making groover clamps on page 21)

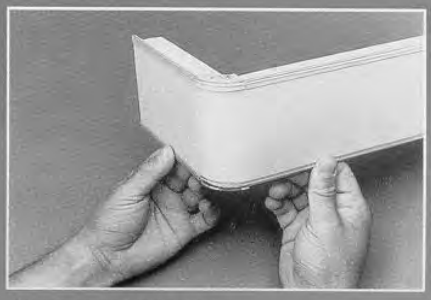
Flat Vinyl Inserts in RoundWrap Corner



If valance returns are flaring out because vinyl insert is too stiff, use hair dryer to soften each corner. Hold return at 90° as insert cools. You need only heat the corner for a minute.



Note: Flat vinyl or Flat Ridgefield are the only vinyl louvers recommended for valances with round wrap corners. Cut the excess off even with the end of the return.



Install assembled valance.

Thick or Card Backed Fabrics

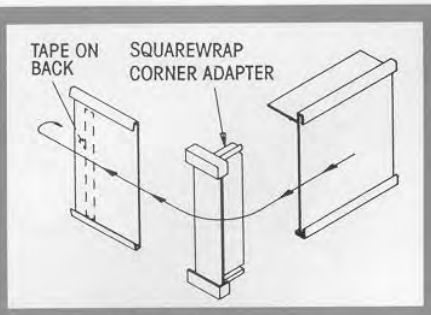
Remove the corner caps from the round wrap corner pieces.

Assemble the corners. Slide the valance insert into the valance, around the corners and through the returns. Fold fabric behind the return and secure with valance clip. (As shown in standard instructions upper right)

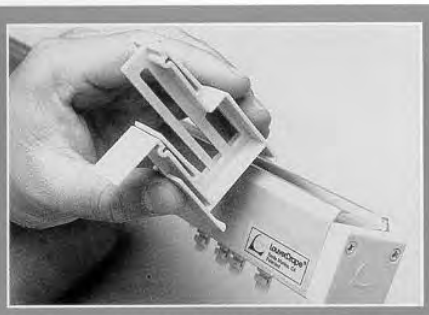
Snap the clear caps to the top and bottom of the corners. Then mount the valance onto the headrail.

SquareWrap DesignLine/ShadowLine Valance Installation

Note: The following instructions apply to both the DesignLine, and ShadowLine/ShadowLine II valances.

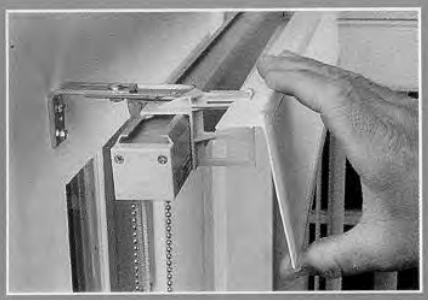


Returns for SquareWrap corners are cut from flat groover stock for better appearance.

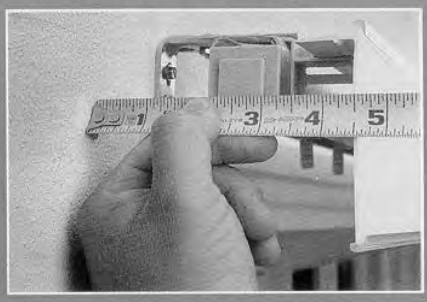


Installing inside/ceiling mount: Brackets must be attached on the headrail before the headrail is mounted on the thumb clamps. (ShadowLine bracket pictured).

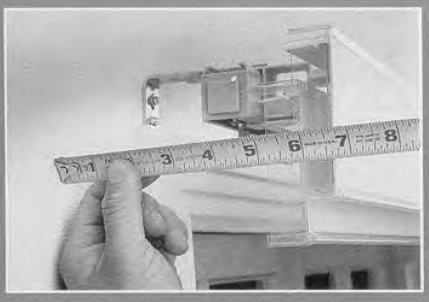
Outside mount brackets may be attached either before or after headrail is mounted. (See Camlock Bracket on page 17 for details)



Attach the valance facia to the brackets in order to measure for the returns.

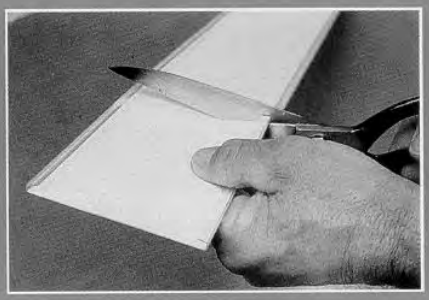


Measure from the valance facia to the wall on both ends of the valance.

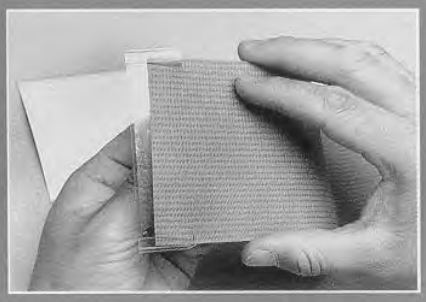


For ShadowLine/ShadowLine II valances measure the distance from both valances.

Note: Inside mount can have returns too! If included, measure from front of valance to wall for returns.

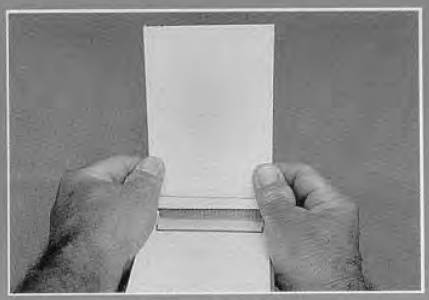


Cut the returns to length. Note: these returns are a special flat groover for better appearance. Do not substitute regular crowned groover.

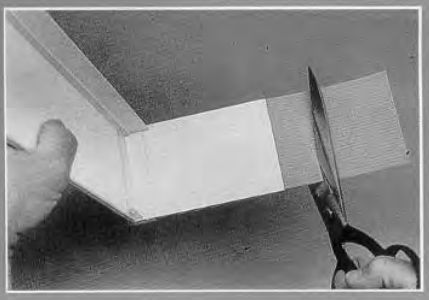


Thread the valance insert through corners.

Attach corners to the valance.

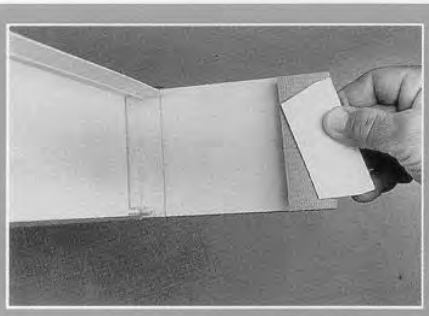


Slide the insert material into the valance returns and attach the returns to the corners by means of double face tape mentioned above.

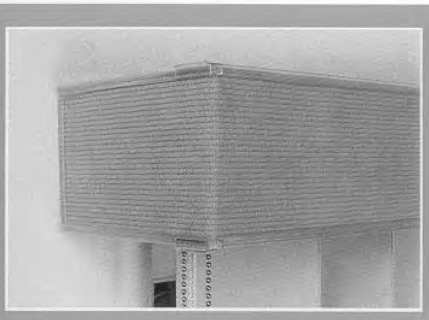


Fold at least 1" to 2" of excess fabric behind the valance return and secure to the back of return with double faced tape,

SquareWrap DesignLine/ShadowLine Valance Continued



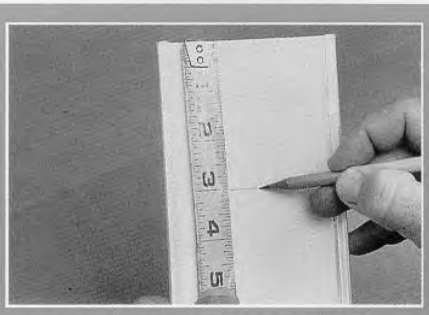
or with a valance clip over the end of the return. (See Making valance clips below)



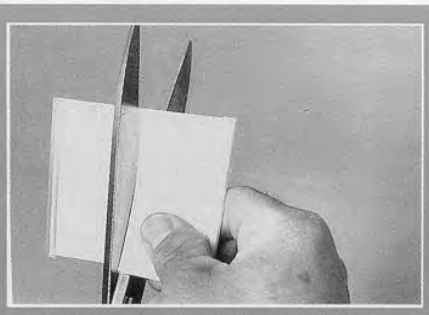
Snap assembled valance into valance brackets. (If dust cover is included, assemble as illustrated in dust cover diagram on page 7)

Making Valance Clips

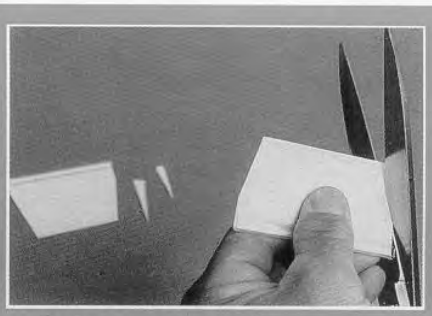
A better solution than tape for securing fabric inserts in valance returns.
Most fabricators furnish valance clips with all valance orders.



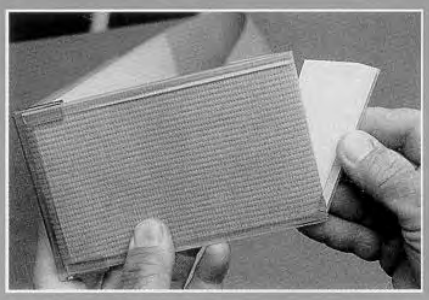
Cut into 3" lengths from a scrap piece of groover.



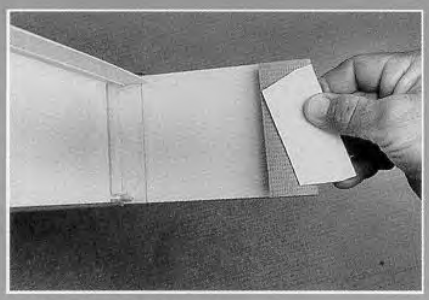
As illustrated, make 2 clamps, one from each grooved edge. Final size, 1" by 3".



Trim the corners diagonally.



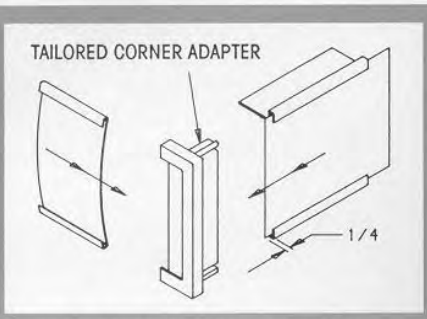
Fold material around end of return and fasten in place with your improvised groover clamp.



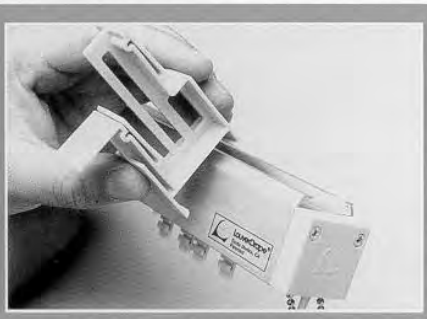
Works better than tape.

Tailored Corner DesignLine/ShadowLine Installation

Note: The following instructions apply to both single DesignLine, and ShadowLine/ShadowLine II valances.



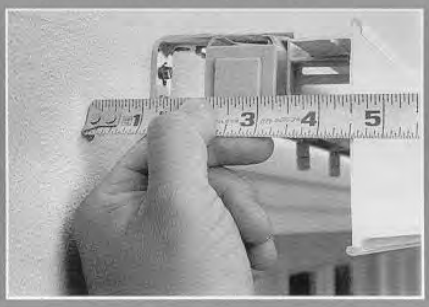
Returns for Tailored Corner are cut from curved groover stock.



Inside/ceiling mount bracket must be attached on the headrail before the headrail is mounted on the thumb clamps. (ShadowLine bracket pictured).

Outside mount bracket may be attached either before or after headrail is mounted. (see Camlock Bracket on page 17 for details)

Install the unassembled valance into the brackets in order to measure for returns. **Note:** The valance insert will extend beyond the valance 1/4" on each end. Do not trim.



Measure for returns from the front of the valance facia to the wall on both sides of the valance.

For ShadowLine/ShadowLine II valances measure the distance from both valances.

Note: **Inside mount** can have returns, too! If included, measure from the front of the valance facia to the window frame for the returns.

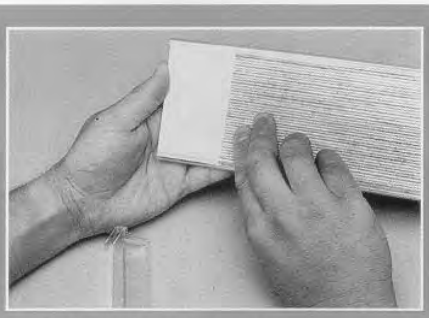
With a pair of large scissors cut the returns and return inserts to length.

Now, assemble the valance. Attach clear corner adaptor to the valance.

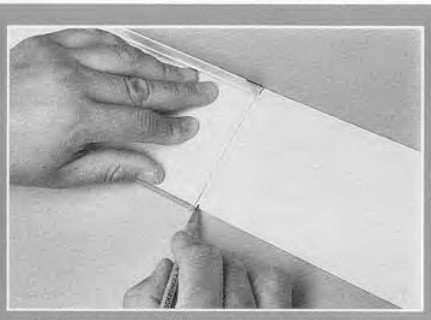
Attach the returns with return inserts in place into the corner adaptor. Curved vinyl inserts such as Colonnade (shown) will fit very tightly.

Snap assembled valance into valance brackets. (If dust cover is included, assemble as illustrated in dust cover diagram on page 7)

Option: For Fabric and Card Backing



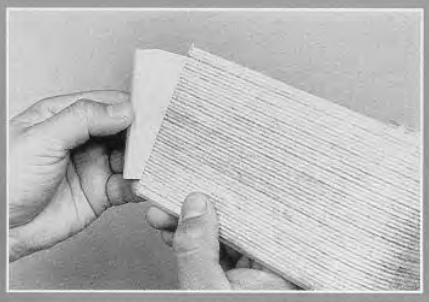
Center the insert in the valance.



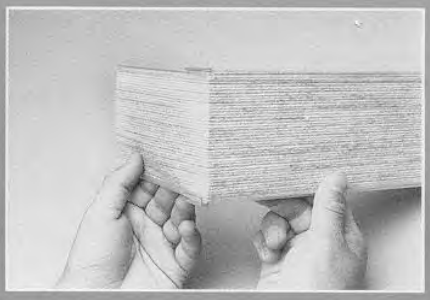
On the opposite side of the fabric, mark to score 1/8" beyond the edge of the valance at each end.

Score fabric for a smooth fold using tip of scissor blade.

Fold back the insert and through each corner and return. Attach the corners to the valance.

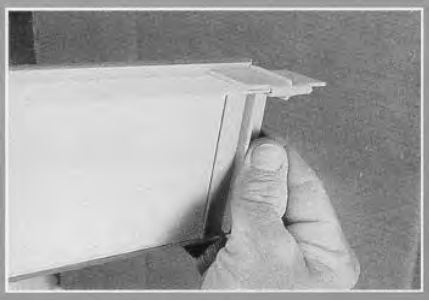


Trim insert to 1-1/2" beyond the end of the return. Fold the excess behind return and secure with valance clips.

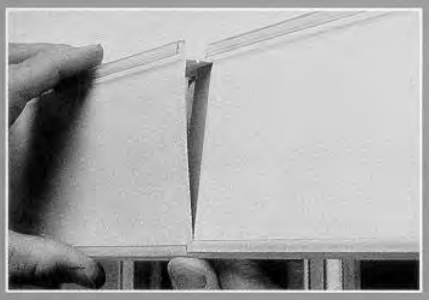


Attach assembled valance to the valance brackets.

Valance Center Splice for DesignLine/ShadowLine



For extra long valances.
To ensure a precise fit, cut the ends to be spliced with a power cut-off saw.
Snap Center Splice into place as shown.

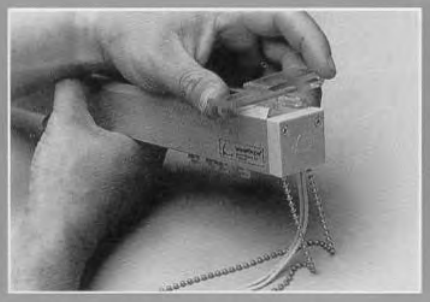


Install valance section with splice in place. Snap 2nd valance section into brackets and splice. Use extra valance brackets within 2 inches of each side of splice.

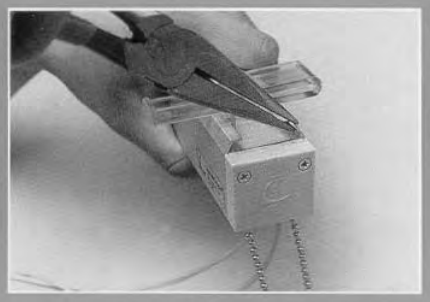
When insert material is in place only a slight line will show where clear edges meet.

Dust Cover Valance

Dust cover valance has largely been replaced by the DesignLine valance system.



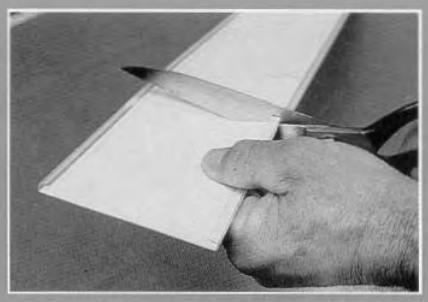
Dust Cover Valance.
Slide bracket onto headrail before mounting headrail on wall brackets.



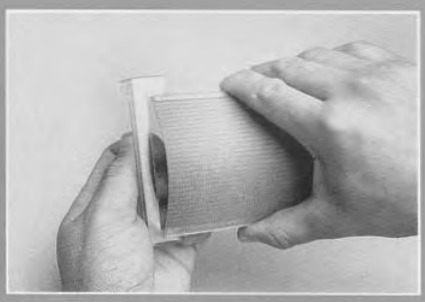
Optional: Bend up corner to prevent dust cover brackets from sliding off headrail.

To measure for valance returns, temporarily insert valance into brackets. (On Zirlon headrail valance goes to full depth into bracket). Measure from wall to valance facia.

Before you measure for returns, be sure that the angle brackets are extended to clear trim or obstructions.



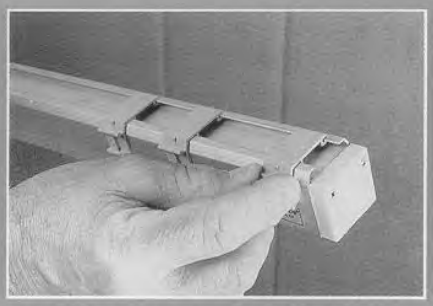
Returns are made from flat Louver-Groover. Trim to correct length.



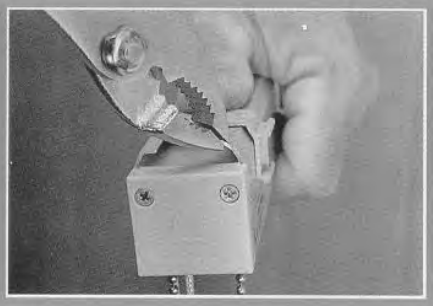
Trim insert material flush with return, wrap 1" to 1-1/2" insert material on other end and fasten with valance clip. Insert return into clear corner adaptor.

Attach return to valance. Attach assembled valance to headrail.

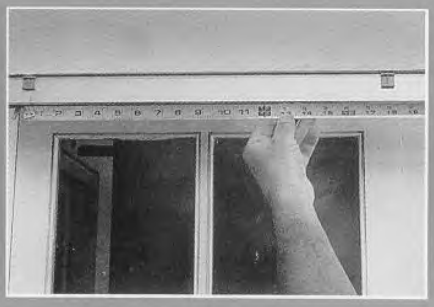
Channel Molding Installation



Slide channel molding clips onto headrail before mounting rail onto thump clamps.

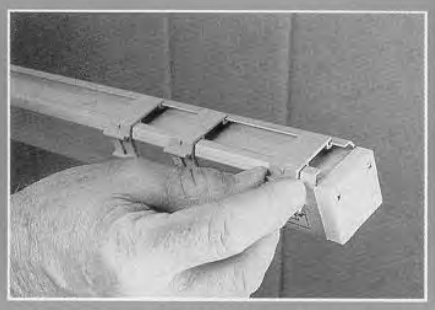


Optional: Bend up corner to prevent movement of end clip off headrail.



Clip position for inside/ceiling mount installation. Maximum distance between clips is 18".

With insert material in place, snap molding onto clips, top edge first.

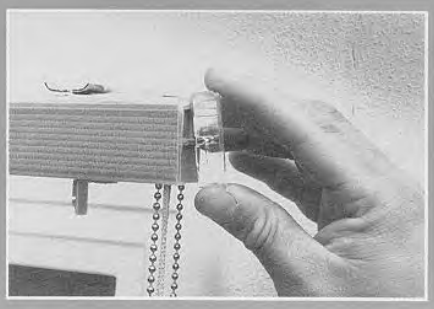


Outside mount installation: Slide all but two (for the ends) of the channel molding clips onto the headrail placing one clip every 18". Do not bend up corner of headrail.

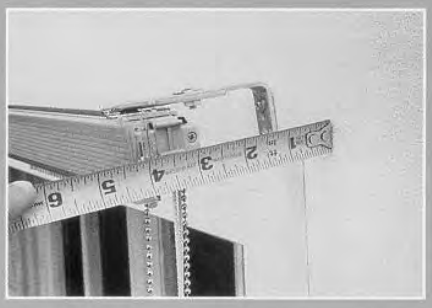
Mount the headrail to the brackets with the levers of the thumb clamps toward the wall.

Attach the return clamps to the two remaining channel molding clips.

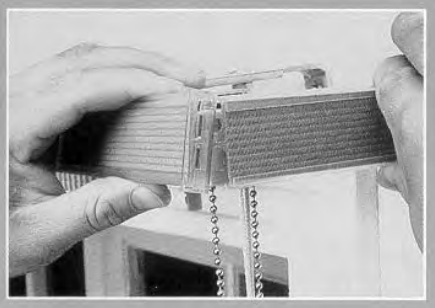
Slide the channel molding/return clamp assembly onto each headrail end.



Attach the corner adapter to the channel molding.



Measure for the returns from the wall to the face of the channel molding. Cut returns to this length.



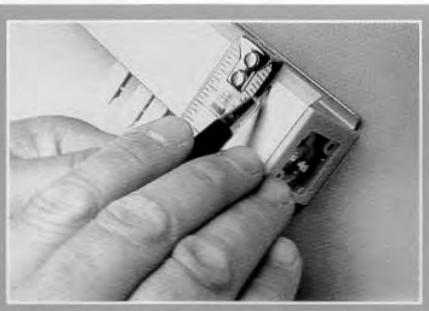
Now snap returns into the corner adapter.

This is how the corner will appear when properly installed.

Shortening Rail

Applies to Zirlon and Forté headrails.

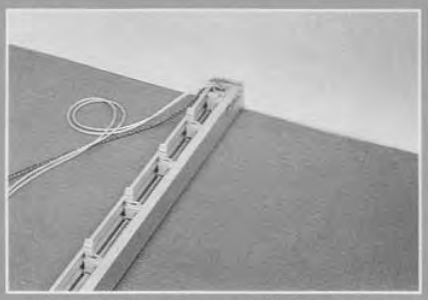
Headrail slightly too long for inside mount: To make minor length adjustments, remove and discard idler end cap cover.



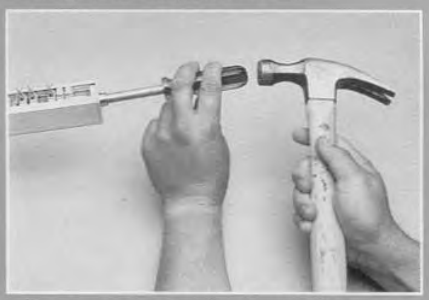
Headrail must be cut to new length: Shorten headrail at idler end only. Mark the amount which must be removed from the headrail.

Pry off push nut (generally a replacement is required). Carefully remove and lay aside idler end cap; note which way is up. Cord will still be threaded through the end cap.

At the control endcap: Carefully pull back control rod far enough to be behind your mark at the idler end. (Do not pull the carriers out of the channel).
Cut rail to new length with hack saw.
Clean away debris and **replace end caps control end 1st.**
Then cut control rod flush with end cap.



Place control end against wall. Engage bead chain on sprocket. Spread trucks over length of channel to keep control rod from bending when you tap on new push nut.



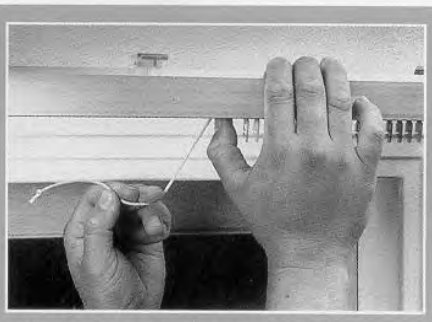
Tap new push nut onto control rod, leave 1/64" space. **Caution!** Do not over-tighten the push-nut (blind will be difficult to rotate). A hex head driver over the end of the control rod makes a good tool.

Shortening Chain/Cord One Way Draw

Applies to Zirlon and Forté headrails.

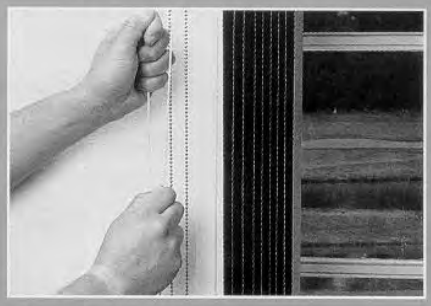
Shortening chain: Set the chain so that the coupler is at the bottom of the loop.

Before removing coupler, cut chain to desired length removing equal amounts from both sides of the coupler. Discard unwanted chain and reconnect using same coupler.

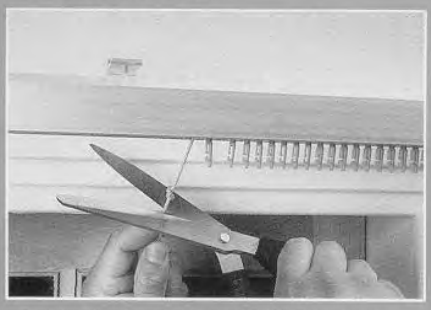


Shortening cord: Find the truck with cord ends. Jiggle until cord loosens. Hold truck and pull out excess cord until cord weight reaches desired height.

Tie knot in cord. **Don't cut off excess cord yet!**



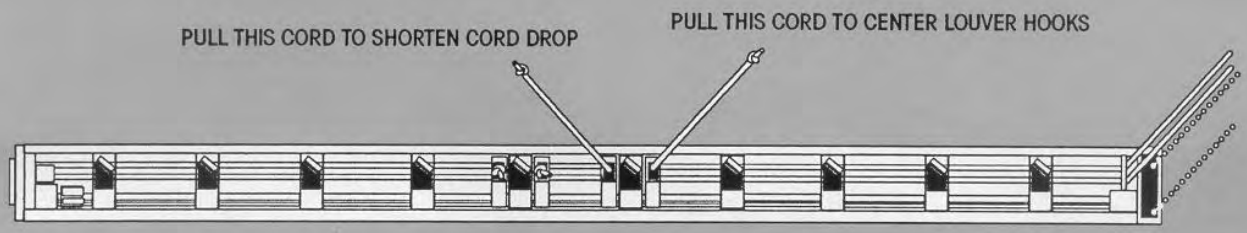
Operate the controls to determine if everything works smoothly and the control cord is the desired length.



Tighten knot and cut cord 1/2" from knot.

Shortening Cord Split Draw

Split Draw Zirlon and Forté Hardware: Shortening the headrail will necessitate shortening cord and centering trucks.



Tips/Trouble Shooting

Failure of Louvers to Rotate Completely:

(1) Coupler on bead chain may be jamming in sprocket wheel.

(2) Headrail may be mounted without allowing adequate clearance for louver rotation.

For problem (1): Except for AutoRotate, locate coupler at bottom of chain loop prior to installation of louvers. (For AutoRotate blinds see page 10 for special instructions.)

There are 4 solutions to problem (2):

(1) fully extend adjustable angle bracket

(2) Reverse the headrail, end for end, if location of controls will permit

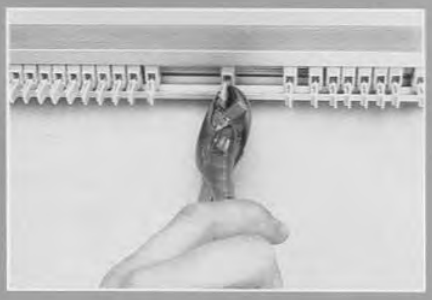
(3) use longer bracket

(4) on inside mounts, remeasure and remount thumb clamps.

Synchronizing Louver Clip Out of Alignment:

The most common cause for a louver carrier to go out of alignment is (1) traversing louvers while in the closed position which causes an overlap in the wrong direction then, (2) without realizing the overlap problem, forcefully trying to rotate the louvers.

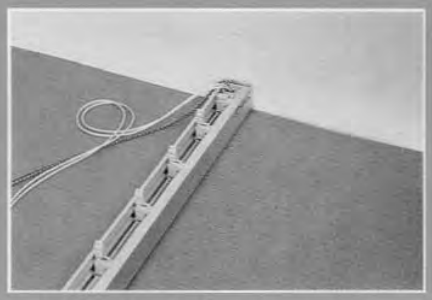
Although there is considerable resistance to turning, the clip is strong enough to withstand turning without breaking.



Simply grasp the clip with pliers and turn to the proper position, click by click. **Do not pull the bead chain.**

Difficult Rotation:

Push nut may be too tight.

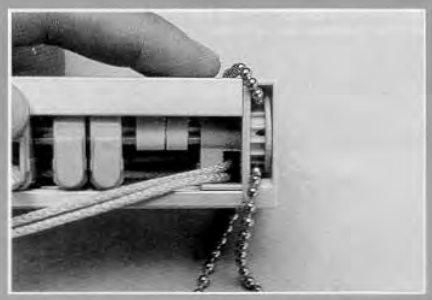


Control rod resists rotation: Push nut may be too tight. Place control end against firm surface.

Tap control rod lightly on the idler end to loosen push nut. Manufacturers spec is 1/64 inch clearance.

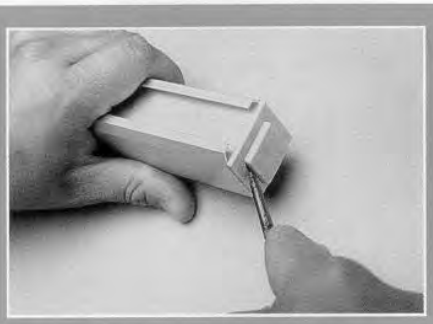
Rough Rotation:

Protruding pin in sprocket wheel.



Check pin in sprocket wheel. If it is protruding, it will catch during rotation. With a center punch, drive it in all the way.

Tips/Trouble Shooting



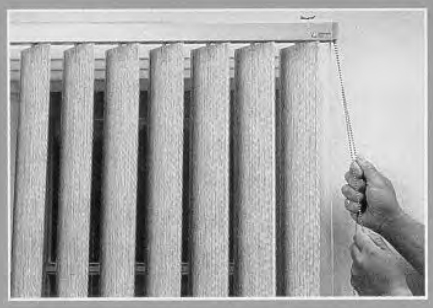
Remove idler end cap covers from both headrails (butting blinds will have controls at opposite ends).

Remove a spacer tube from one of the headrails on the idler end.

For Butting Blinds:

In order to make the louvers overlap where the two blinds meet, do the following:

Mount headrails with ends touching.

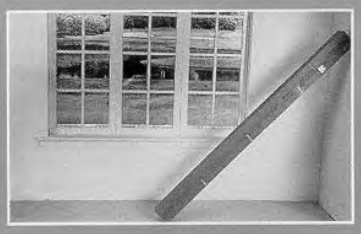


Starting with the groover side of the louvers turned to the room interior, rotate the louvers to the fully open position.

Attach the stop ball over the bead that is closest to the sprocket. Now the chain cannot pass further through the sprocket and the groover side of the louver cannot be accidentally turned toward the sun.

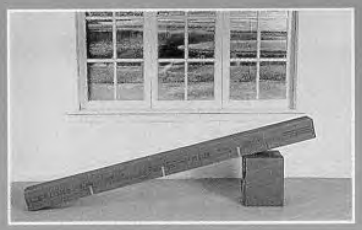
Bead Chain Control:

Install Stop Rotation Ball on control chain on all Groover blinds, limiting rotation and preventing the insert side from being turned toward the sun. Sun on wrong side of these louvers may cause warping.



No !

No !



No !

No !

Store Louvers Flat: (Avoid Callbacks)

Store vinyl, aluminum and Louver-Groovers on a flat solid surface at all times, with top of box **UP** as indicated. Vinyl louvers left lying in a bent position for even a few moments will assume that bend and be a cause for rejection by the buyer, at your expense.

Tips/Trouble Shooting

Testing Rotation:

After installing louvers, operate controls to see that they function smoothly.

Traverse louvers to the side by pulling cord. (**Caution:** Traverse only with louvers in the open position.)

Rotate the louvers in both directions

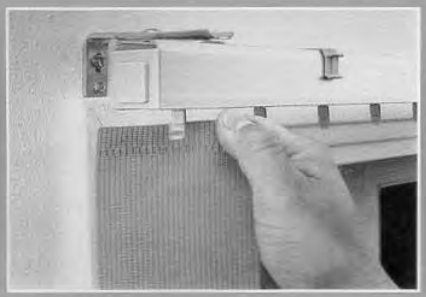
Changing Overlap:

Note: In above photo the fabric side of louver is facing right. If there is no stop on chain, the direction that the louvers face can be changed. (See AutoRotate blinds on page 10 for special instructions.)

To change the direction which the fabric faces, rotate the blind to the closed position and manually change each louver overlap by pressing the edge at the front to the back.

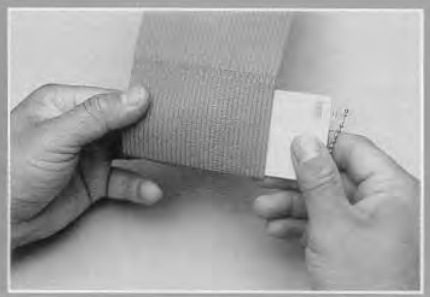
Now fabric side of louver is facing left.

Removing Louvers:



FOR ALL LOUVERS: First push up, then pull down while bending toward open side of clip.

FOR FREEHANG LOUVERS: If weights are not sealed-in (optional), remove connector chain by bending back each clip until it disconnects from the ballast weight.



Remove ballast weights.

Louver Count/Stacking Chart

FORTE (3-1/2 INCH)			
BLIND WIDTH	NO. OF TRUCKS	ONE-WAY STACK	SPLIT STACK
25 7/8	8	6 1/4	4 3/8
29	9	6 3/4	
32 1/8	10	7 1/8	4 7/8
35 1/4	11	7 5/8	
38 3/8	12	8	5 1/4
41 1/2	13	8 1/2	
44 5/8	14	8 7/8	5 3/4
47 3/4	15	9 3/8	
50 7/8	16	9 3/4	6 1/8
54	17	10 1/4	
57 1/8	18	10 5/8	6 5/8
60 1/4	19	11 1/8	
63 3/8	20	11 1/2	7
66 1/2	21	12	
69 5/8	22	12 3/8	7 1/2
72 3/4	23	12 7/8	
75 7/8	24	13 1/4	7 7/8
79	25	13 3/4	
82 1/8	26	14 1/8	8 3/8
85 1/4	27	14 5/8	
88 3/8	28	15	8 3/4
91 1/2	29	15 1/2	
94 5/8	30	15 7/8	9 1/4
97 3/4	31	16 3/8	
100 7/8	32	16 3/4	9 5/8
104	33	17 1/4	
107 1/8	34	17 5/8	10 1/8
110 1/4	35	18 1/8	
113 3/8	36	18 1/2	10 1/2
116 1/2	37	19	
119 5/8	38	19 3/8	11
122 3/4	39	19 7/8	
125 7/8	40	20 1/4	11 3/8
129	41	20 3/4	
132 1/8	42	21 1/8	11 7/8
135 1/4	43	21 5/8	
138 3/8	44	22	12 1/4
141	45	22 1/2	
144 5/8	46	22 7/8	12 3/4
147 3/4	47	23 3/8	
150 7/8	48	23 3/4	13 1/8
154	49	24 1/4	
157 1/8	50	24 5/8	13 5/8

ZIRLON (3-1/2 INCH)			
BLIND WIDTH	NO. OF TRUCKS	ONE-WAY STACK	SPLIT STACK
25 7/8	8	5 1/4	3 7/8
29	9	5 5/8	
32 1/8	10	6	4 1/4
35 1/4	11	6 1/4	
38 3/8	12	6 5/8	4 5/8
41 1/2	13	6 7/8	
44 5/8	14	7 1/4	5
47 3/4	15	7 5/8	
50 7/8	16	7 7/8	5 1/4
54	17	8 1/8	
57 1/8	18	8 1/2	5 5/8
60 1/4	19	8 7/8	
63 3/8	20	8 1/4	5 7/8
66 1/2	21	9 1/2	
69 5/8	22	9 7/8	6 1/4
72 3/4	23	10 1/4	
75 7/8	24	10 1/2	6 5/8
78 1/4	25	10 7/8	
82 1/8	26	11 1/8	6 7/8
85 1/4	27	11 1/2	
88 3/8	28	11 7/8	7 1/4
91 1/2	29	12 1/8	
94 5/8	30	12 1/2	7 5/8
97 3/4	31	12 7/8	
100 7/8	32	13 1/8	7 7/8
103	33	13 1/2	
107 1/8	34	13 7/8	8 1/4
110 1/4	35	14 1/8	
113 3/8	36	14 1/2	8 1/2
116 1/2	37	14 3/4	
119 5/8	38	15 1/8	8 7/8
122 3/4	39	15 1/2	
125 7/8	40	15 3/4	9 1/4
129	41	16 1/8	
132 1/8	42	16 3/8	9 1/2
135 1/4	43	16 3/4	
138 3/8	44	17 1/8	9 7/8
141 1/2	45	17 1/2	
144 5/8	46	17 3/4	10 1/4
147 3/4	47	18 1/8	
150 7/8	48	18 3/8	10 1/2
154	49	18 3/4	
157 1/8	50	19	10 7/8
160 1/4	51	19 3/8	
163 3/8	52	19 3/4	11 1/8
166 1/2	53	20	
169 5/8	54	20 1/2	11 1/2
172 3/4	55	20 3/4	
175 7/8	56	21	11 7/8
179	57	21 3/8	
182 1/8	58	21 5/8	12 1/8
185 1/4	59	22	
188 3/8	60	22 1/4	12 1/2

ZIRLON MINIVERTICAL (2 INCH)			
BLIND WIDTH	NO. OF TRUCKS	ONE-WAY STACK	SPLIT STACK
14 3/4	8	4 1/2	3 1/4
16	9	4 7/8	
18 1/4	10	5 1/8	3 1/2
20	11	5 1/2	
21 3/4	12	5 7/8	3 7/8
23 1/2	13	6 1/8	
25 1/4	14	6 1/2	4 1/4
27	15	6 7/8	
28 3/4	16	7 1/8	4 1/2
30 1/2	17	7 1/2	
32 1/4	18	7 3/4	4 7/8
34	19	8 1/8	
35 3/4	20	8 1/2	5 1/4
37 1/2	21	8 3/4	
39 1/4	22	9 1/8	5 1/2
41	23	9 1/2	
42 3/4	24	9 3/4	5 7/8
44 1/2	25	10 1/8	
46 1/4	26	10 3/8	6 1/8
48	27	10 3/4	
49 3/4	28	11 1/8	6 1/2
51 1/2	29	11 3/8	
53 1/4	30	11 3/4	6 7/8
55	31	12 1/8	
56 3/4	32	12 3/8	7 1/8
58 1/2	33	12 3/4	
60 1/4	34	13	7 1/2
62	35	13 3/8	
63 3/4	36	13 3/4	7 3/4
65 1/2	37	14	
67 1/4	38	14 3/8	8 1/8
69	39	14 3/4	
70 3/4	40	15	8 1/2
72 1/2	41	15 3/8	
74 1/4	42	15 5/8	8 3/4
76	43	16	
77 3/4	44	16 3/8	9 1/8
79 1/2	45	16 5/8	
81 1/4	46	17	9 1/2
83	47	17 3/8	
84 3/4	48	17 5/8	9 3/4
86 1/2	49	18	
88 1/4	50	18 1/2	10 1/8
90	51	18 5/8	
91 3/4	52	19	10 3/8
93 1/2	53	19 1/4	
95 1/4	54	19 5/8	10 3/4
97	55	20	
98 3/4	56	20 1/4	11 1/8
100 1/2	57	20 5/8	
102 1/4	58	20 7/8	11 3/8
104	59	21 1/4	
105 3/4	60	21 5/8	11 3/4
107 1/2	61	21 7/8	
109 1/4	62	22 1/4	12 1/2
111	63	22 5/8	
112 3/4	64	22 7/8	12 3/8
114 1/2	65	23 1/4	
116 1/4	66	23 1/2	12 3/4
118	67	23 7/8	
119 3/4	68	24 1/4	13