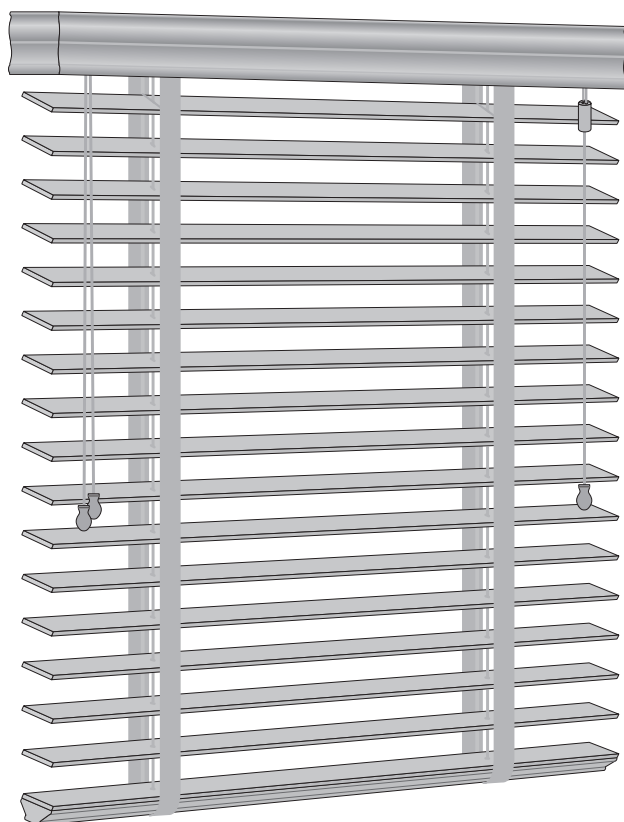


Installation and Care Instructions

Wood Blinds
Alternative Wood Blinds
2" Aluminum Blinds

Standard HeadMaster™ Hardware System
LiteRise® Cordless System



HunterDouglas

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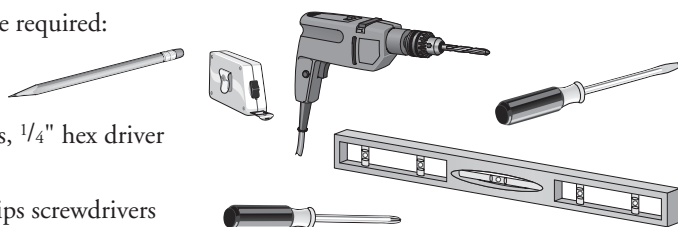
Getting Started	1
Mount the Installation Brackets	2
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Operate the Blind	10
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Child Safety	12
Troubleshooting Procedures	Back Cover

Thank you for purchasing a Hunter Douglas product. Your new blind(s) has been custom built for you from the highest quality materials. Once in your window, it will provide you with a lifetime of beauty and trouble-free use. **Before installing or operating your new blind(s), please review these instructions thoroughly to acquaint yourself with all of the procedures.**

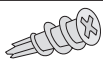
What You Will Need to Install Your Blind

The following tools are required:

- Measuring tape
- Pencil
- Power drill, drill bits, 1/4" hex driver
- Carpenter's level
- Flat blade and Phillips screwdrivers



You will also need appropriate fasteners for your specific mounting surface:

Mounting Surface	Type of Fastener
Drywall, Plaster	Wall Anchors, Expansion Bolts (Not Provided) 
Metal	Sheet Metal Screws (Not Provided) 
Wood	No. 6 Hex Head Screws (Provided) 

For assistance, call the Hunter Douglas
Customer Information Center at 1-888-501-8364
7:00 AM to 4:30 PM MST, Mon.-Fri.
Visit our Web site at hunterdouglas.com

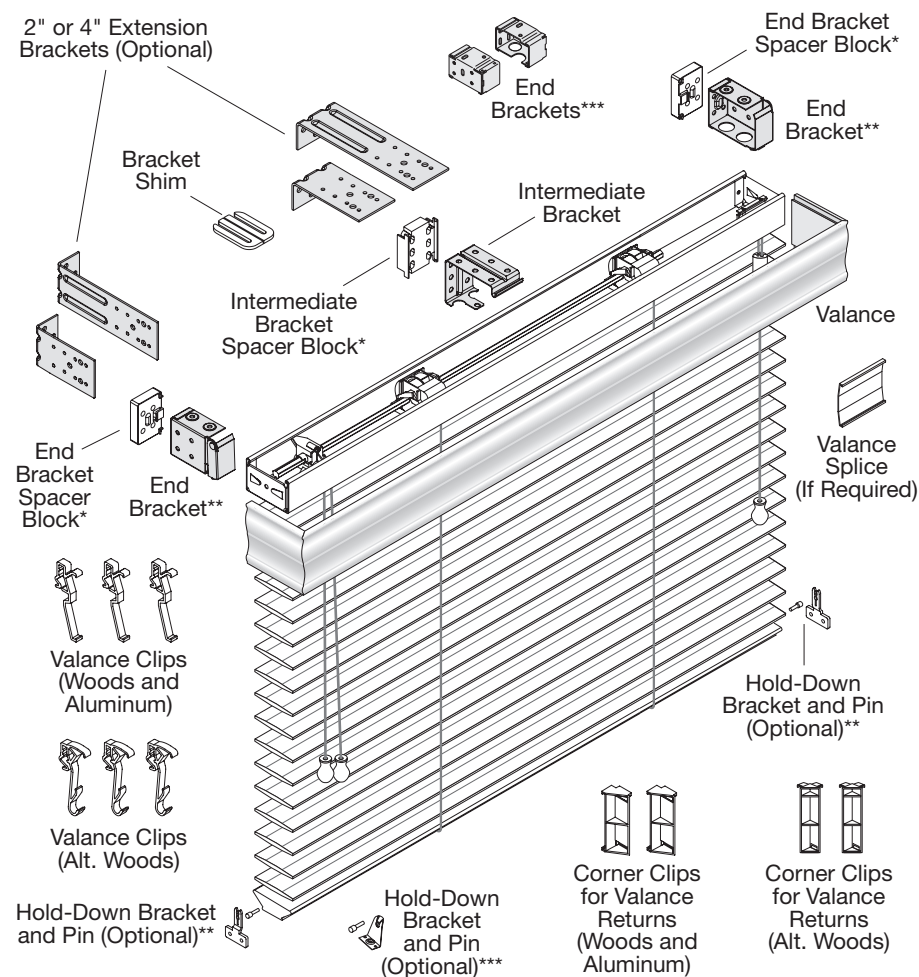
A NOTE ABOUT WOOD PRODUCTS: Our wood blinds are true wood products, made from 100% wood. There will be variations in color, grain, texture, and warpage that are characteristics of all wood. These variations will be especially visible in blinds with light color stains. The variations are normal and natural, and are considered acceptable quality.

INSTALLATION INSTRUCTIONS

GETTING STARTED

Check Contents of Your Order

- Remove the blind from the package. Keep the packaging until the blind operates to your satisfaction.
- Check the diagram below to make sure you have all the necessary parts.
- Contents of your hardware package may vary depending upon mounting options chosen and whether intermediate brackets are needed.



*2 1/2", 2 5/8" Slat Sizes

**2", 2 1/2", 2 5/8" Slat Sizes

***1", 1 3/8" Slat Sizes

MOUNT THE INSTALLATION BRACKETS

Mounting Options

The installation brackets may be *inside mounted*, *outside mounted* or *ceiling mounted*. In all cases, level mounting is essential.

- With inside mounts and ceiling mounts, use a carpenter's level to check that the mounting surface is level. Shim the brackets, if necessary.
- With outside mounts, the tops of the brackets must be level and aligned at the same height.
- With wider blinds, intermediate brackets are required for both inside and outside mounts (see charts below).

Wood Blinds and Alternative Wood Blinds

Width of Blind	Intermediate Brackets
6" - 48"	0
48 $\frac{1}{8}$ " - 60"	1
60 $\frac{1}{8}$ " - 96"	2

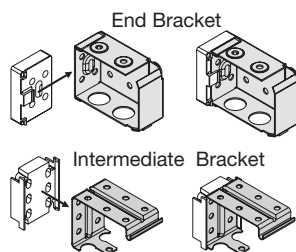
Aluminum Blinds

Width of Blind	Intermediate Brackets
12" - 72"	0
72 $\frac{1}{8}$ " - 96"	1
96 $\frac{1}{8}$ " - 144"	2

Spacer Blocks (2 $\frac{1}{2}$ " and 2 $\frac{5}{8}$ " Slat Sizes Only)

Note: Spacer blocks are optional for 2" slat sizes.

- Attach a spacer block to each of the two end brackets.
- If one or more intermediate brackets is required (see chart above), attach a spacer block to each intermediate bracket.
- If extension brackets will be used, do *not* attach spacer blocks.

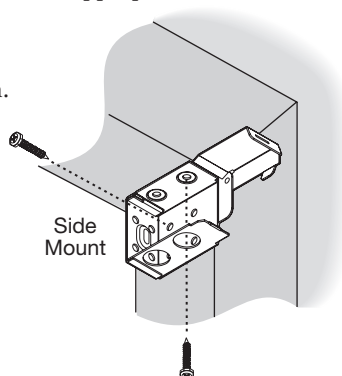


Inside Mount and Ceiling Mount Applications

Attach End Brackets

With inside mounts or ceiling mounts, attach the two end brackets flush against the sides of the window casement or the ceiling. Choose the most appropriate of the following four mounting methods:

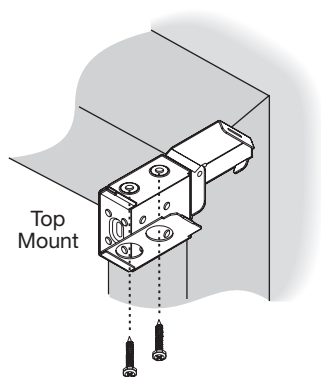
- Side mount the brackets with one screw through a side hole and one screw through a top hole, as shown.
- If the brackets are flush with the back wall, attach them with one screw through a top hole and one through a rear hole.
- Top mount the brackets with screws through the two top holes.
- If limited mounting depth is available, the bracket may be mounted with two screws through diagonal side holes.



Note: For blinds with 2 $\frac{1}{2}$ " or 2 $\frac{5}{8}$ " slats, spacer blocks are used with inside mounts to position the brackets a minimum of $\frac{3}{8}$ " from the glass. This prevents slats from rubbing the glass when tilting or when the blind is raised and lowered.

Specialty Shapes (Sloped Headrail)

- Only the top of each bracket can be flush against the casement.
- Top mount the brackets with screws through the two top holes, as shown at right.

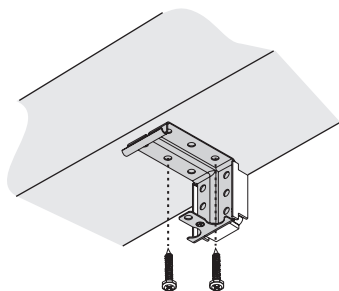


Intermediate Brackets (If Required)

Evenly space the intermediate bracket(s) between the two end brackets.

- Adjust spacing if needed to avoid interference with internal headrail mechanisms.
- Attach with two screws through diagonal holes.
- The backs of the end brackets and intermediate bracket(s) must align.

Note: With ceiling mounts, you may need to add a bracket shim to allow clearance for the valance clips.



Bracket Shims

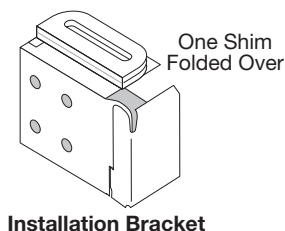
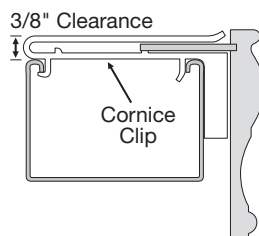
In addition to being used to gain clearance for valance clips with ceiling mounts, bracket shims are needed to add top clearance when a valance with optional dust cover is used and the blind is inside mounted, but the headrail is not fully recessed. (If the headrail is fully recessed or ceiling mounted, the optional dust cover would not be ordered.)

An additional $\frac{3}{8}$ " of clearance is needed to accommodate the height of the cornice clips, as shown in the illustration.

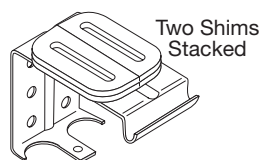
To gain this clearance, use the bracket shims included with your order (one for each installation bracket and two for each intermediate bracket).

- With each installation bracket, first fold the shim and then position it on top of the bracket to gain the required clearance.
- With each intermediate bracket, stack two unfolded shims.

Note: Bracket shims may also be used whenever the mounting surface is uneven in order to mount the blind level.



Installation Bracket



Intermediate Bracket

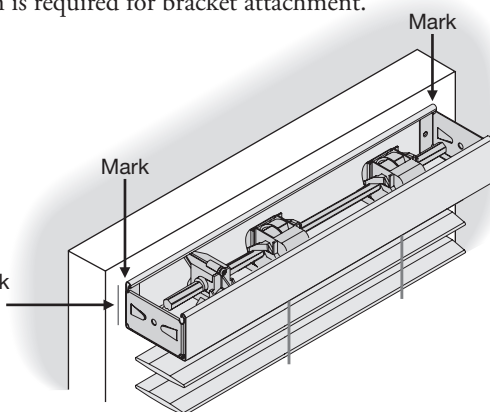
Outside Mount Applications

A flat vertical surface at least 1³/₄" high is required for bracket attachment.

Mark End Bracket Locations

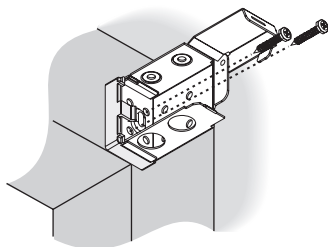
- Mark where the ends of the headrail will be located.
- Either hold the headrail up to the mounting surface or measure the headrail and mark its width.
- Then mark 1¹/₄" to the outside of the headrail end marks.

Measure and Mark
1¹/₄" Out from
Ends of Headrail



Attach End Brackets

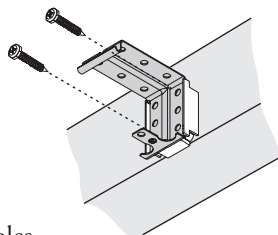
- Align the outside edge of each bracket with the outer marks.
- The tops of the brackets must be aligned at the same height.
- Attach the brackets with two screws through diagonal rear holes.



Intermediate Brackets (If Required)

Evenly space the intermediate bracket(s) between the end brackets.

- Adjust spacing if needed to avoid interference with internal headrail mechanisms.
- The top of each intermediate bracket must align with the tops of the end brackets.
- Attach the bracket(s) with two screws through diagonal holes.

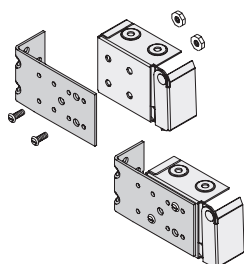


Extension Brackets (Optional)

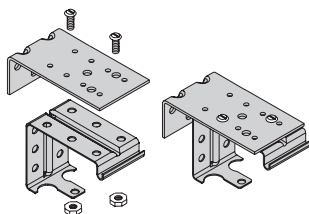
Attach 2" or 4" extension brackets to the mounting surface in the same locations where the end brackets and intermediate brackets would be attached.

- Align and level extension brackets with a carpenter's level.
- Use two screws to mount each extension bracket.
- Attach the installation brackets and intermediate brackets to the extension brackets using the screws and nuts provided, as shown at the top of the next page.

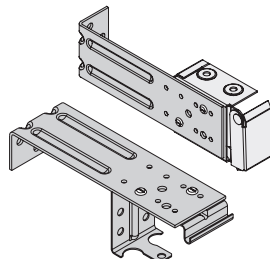
End Bracket with
2" Extension Bracket



Intermediate Bracket
with 2" Extension Bracket



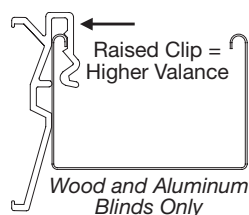
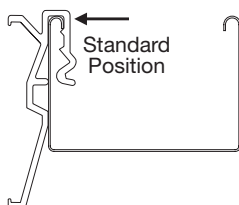
End and Intermediate Brackets
with 4" Extension Bracket



INSTALL THE BLIND

Valance Clips

- Attach valance clips 2" from each end of the headrail.
- Space additional clip(s) evenly between the two end clips so that the valance clips are no more than 36" apart.



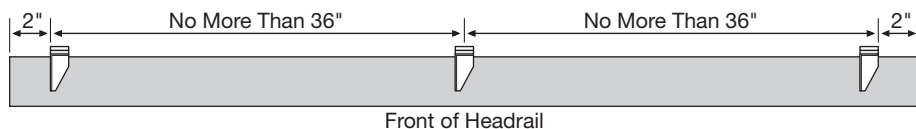
- *Wood and aluminum blinds only:* If desired, the valance may be positioned 1/4" higher by pushing the clips only one notch down, as shown in the above illustration.

Note: The actual valance clips included with your order may differ in appearance from those shown. However, attachment to the headrail is the same for all valance clips.

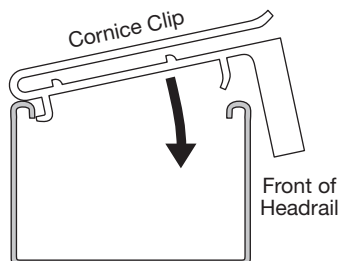
Cornice Clips — Wood Blinds Only

Cornice clips are used instead of valance clips when the valance has a dust cover.

- Attach a cornice clip 2" from each end of the headrail.
- Space additional clip(s) evenly between the two end clips so that the cornice clips are no more than 36" apart.

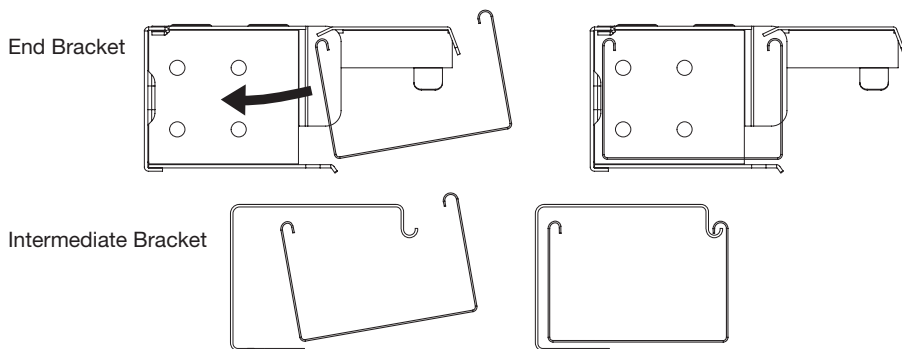


- To attach the cornice clips, hook the back of the clip to the rear lip of the headrail.
- Push the clip down until it snaps securely in place.



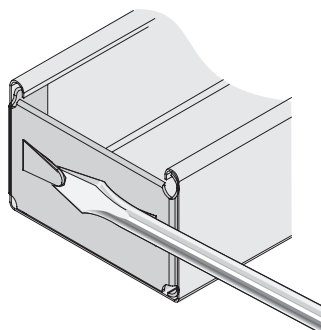
Mount the Headrail

- Tilt headrail so that its back lip slides under the front lip of the end brackets and intermediate bracket(s).
- Push headrail against the back of the end brackets.
- Check that the front lip of the intermediate bracket(s) is under the front lip of the headrail.



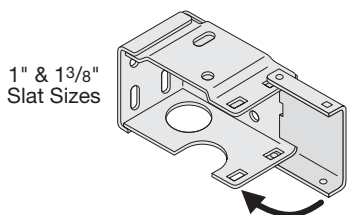
Adjust Headrail Tightness

- If the headrail is loose in the end brackets, bend the tabs on the end plates outward.
- *Note:* The tabs may also be bent inward if the headrail was difficult to install into the end brackets.

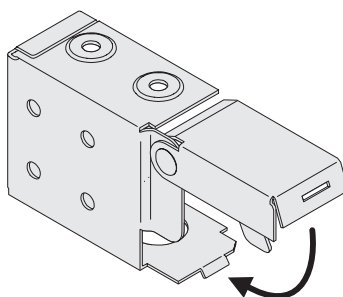


Close End Brackets

- *1" and 1³/₈" slat sizes:* Close the cover to the side until it snaps securely in position.
- *2", 2¹/₂" and 2⁵/₈" slat sizes:* Push the cover down until it snaps over the locking tab on the bottom of the bracket.



2", 2¹/₂" & 2⁵/₈"
Slat Sizes

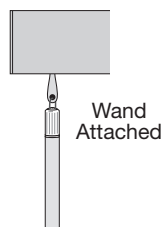
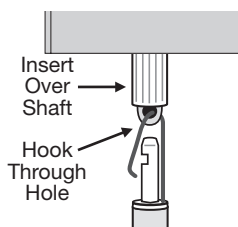
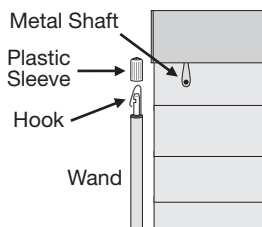


COMPLETE THE INSTALLATION

Attach the Wand (If Ordered)

If the blind was ordered with a wand tilter, attach the wand to the metal shaft. *Note:* Wands may appear different from the illustration, but assembly is the same.

- Pull the plastic sleeve from the top of the wand and insert it over the metal shaft.
- Insert the hook on the wand through the hole in the metal shaft.
- Slide the plastic sleeve down over the hook until firmly seated.
- Test the wand tilter. Approximately six revolutions of the wand should tilt the slats from fully closed up to fully closed down.

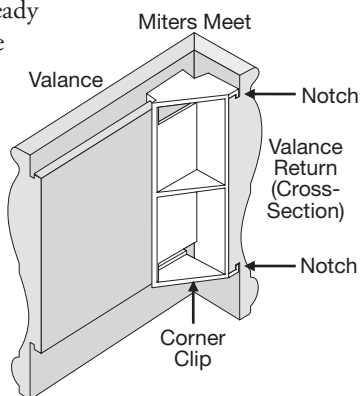


Attach the Valance Returns, If Necessary

If the valance came with returns and they are not already attached, connect the returns to the valance using the corner clips provided.

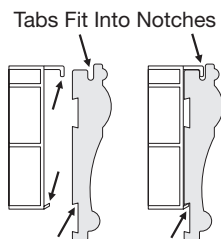
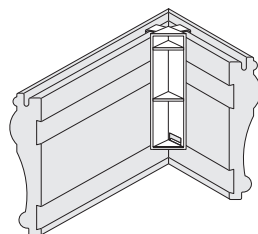
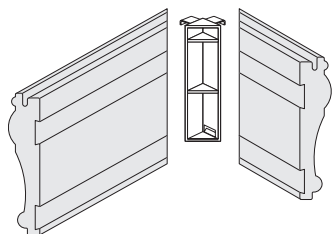
Wood Blinds and Aluminum Blinds

- The notches on the rear of the valance and returns fit into the grooves of the corner clips.
- Slide the wider side of each clip onto the rear of the valance so that the shorter side aligns with the edge of the miter cut at each end.
- Slide a return onto each corner clip until its miter is flush against the miter on the valance.



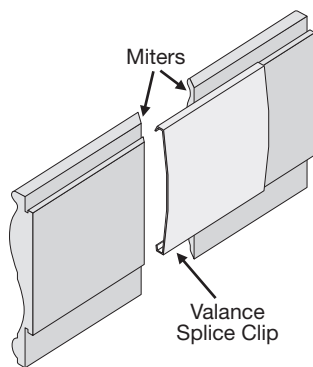
Alternative Wood Blinds

- The tabs on the corner clips fit into the notches on the valance, as shown below.
- Slide the valance and returns onto the clips.



Splice Valances

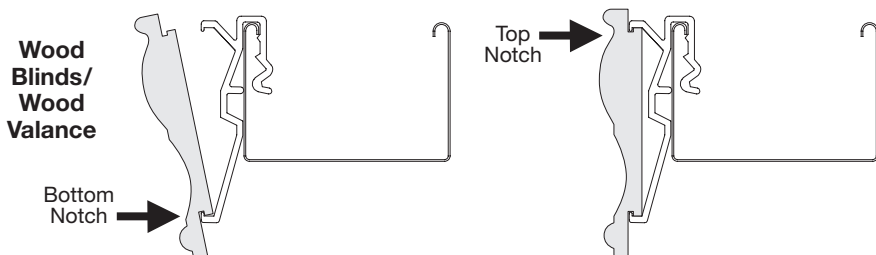
For valances that are spliced, adjoin the two mitered valance pieces together by sliding the valance splice clip onto the back of the valance where the two halves meet.



Attach the Valance (No Dust Cover)

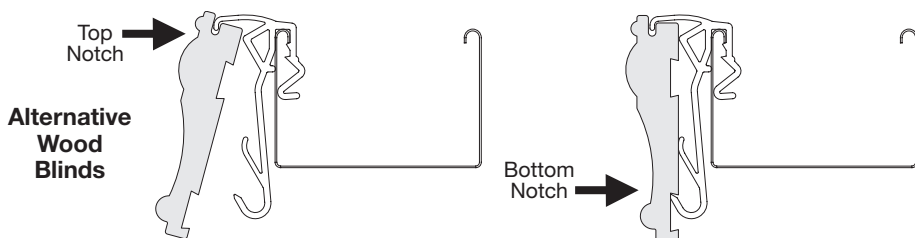
Wood Blinds

- Tilt the valance to insert its bottom notch into the bottom part of the valance clip.
- Pulling the valance slightly downward, insert the top notch of the valance into the clip, as shown.
- To remove the valance, gently pull the valance downward to release it from the top of the valance clips. Rotate the top of the valance toward you. Lift up the valance to release it from the bottom of the valance clips.



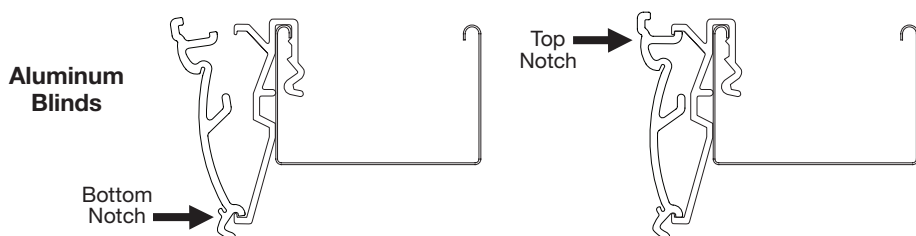
Alternative Wood Blinds

- Tilt the valance to insert the notch at the top into the upper part of the valance clip.
- Then snap the lower part of the valance into the clip.
- To remove the valance, reach behind the lower edge of the valance and locate the plastic clips. Hold the valance securely and gently pull each clip away from the valance.



Aluminum Blinds

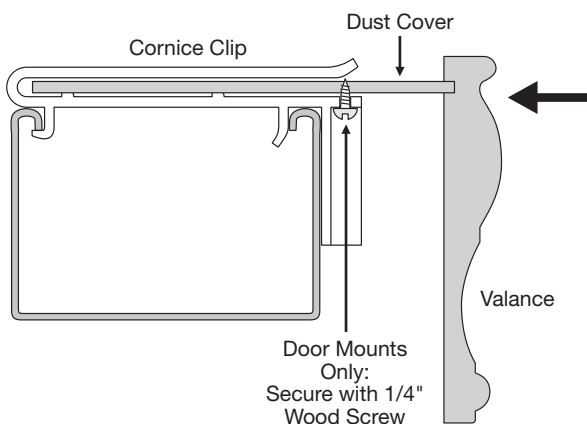
- Tilt the valance to insert its bottom notch into the bottom part of the valance clip.
- Pulling the valance slightly downward, insert the top notch of the valance into the clip, as shown.
- To remove the valance, pull down on the valance and pull out.



Attach the Valance (With Dust Cover)

Wood Blinds Only

- Slide the valance dust cover onto the cornice clips, as shown in the illustration below.
- If the blind is mounted to a door, secure the dust cover with a 1/4" wood screw through the slot in the cornice clip.

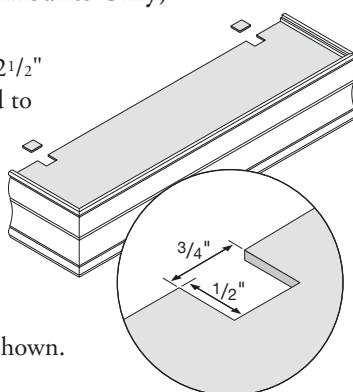


Notch the Dust Cover (2 1/2" and 2 5/8" Outside Mounts Only)

Wood Blinds Only

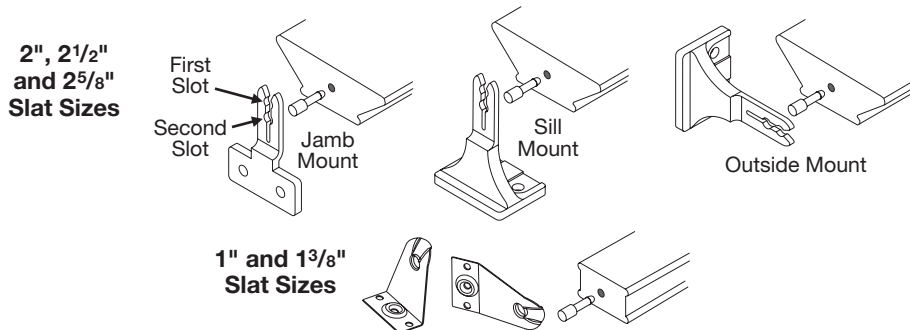
When spacer blocks are used to provide clearance for 2 1/2" and 2 5/8" slats, the valance dust cover must be notched to allow the valance returns to be flush against the wall.

- Mark the location of the cornice clips on the dust cover.
 - Use a utility knife to notch the rear of the dust cover where the dust cover will fit onto the cornice clips.
- The notch should be 1/2" deep and 3/4" wide, as shown.



Attach Hold-Down Brackets (Optional)

- Drill a $\frac{1}{8}$ " hole centered in the ends of the bottom rail.
- Insert a hold-down pin into each hole. Push the head of the pin against a flat surface to seat it, or tap in place with a hammer.
- To mount the hold-down brackets, first fully lower the blind. Align the hold-down brackets with the pins in the bottom rail.
 - Align the first slot with $2\frac{1}{2}$ " and $2\frac{5}{8}$ " slat sizes.
 - Align the second slot with 2" slat sizes.
 - Place the pin in the slot hole with 1" and $1\frac{3}{8}$ " slat sizes.

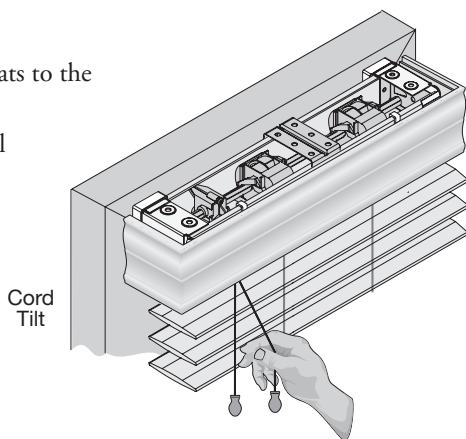


- Maintain the correct slot alignment as you attach the hold-down brackets to the jamb, sill or outside mounting surface.
- Slide the hold-down pins into the appropriate slot on the brackets.
- If necessary with 2" outside-mounted blinds, the first slot of the hold-down brackets may be used in place of a spacer block.

OPERATE THE BLIND

Tilting the Slats

- **Wand tilt:** Rotate the wand to tilt the slats to the desired angle.
- **Cord tilt:** The two cords with individual tassels are for tilting the slats. Each cord tilts the slats in an alternate direction.

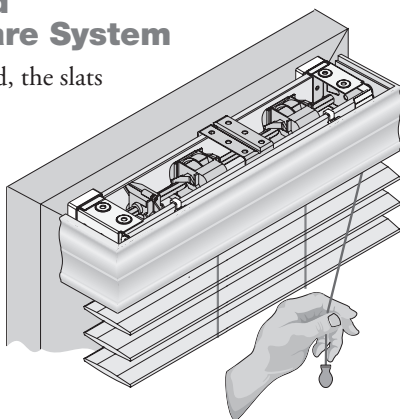


Raising and Lowering the Blind Standard HeadMaster™ Hardware System

Important: Whenever raising or lowering the blind, the slats must be in the open position.

- Pull the single cord down and toward the center to raise and lower.
- Hold the cord to the outside to lock the blind in position.

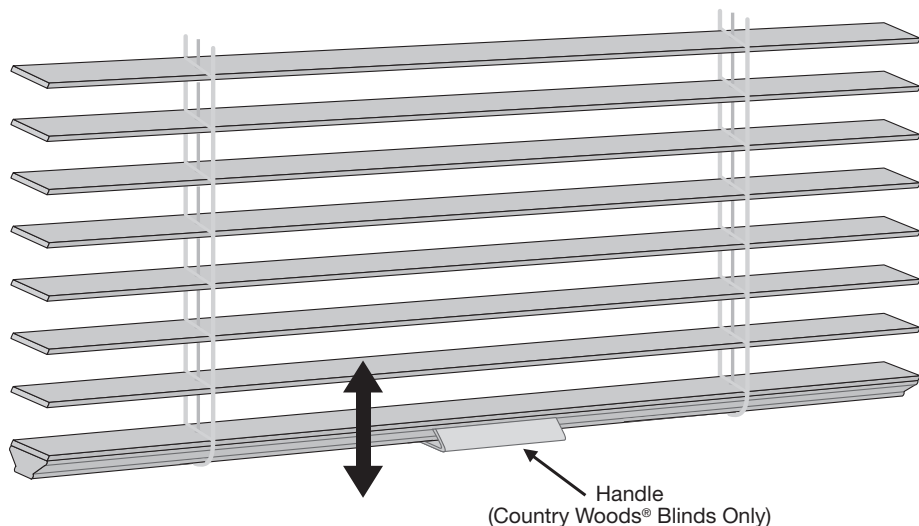
Raising and
Lowering



Raising and Lowering the Blind LiteRise® Cordless System

Important: Whenever raising or lowering the blind, the slats must be in the open position.

- Grasp the handle or bottom rail and push up to raise the blind.
- Grasp the handle or bottom rail and pull down to lower the blind.
- *Wood Blinds Only:* An extension pole is available for operating the blind in hard-to-reach windows.



CARE AND CLEANING

Like any fine furnishings, Hunter Douglas wood, alternative wood and aluminum blinds should be cleaned regularly to keep them looking new.

Wood, Alternative Wood and Aluminum Blinds

- Dust regularly. Use a soft clean cloth, chemically-treated dust cloth or dusting mitt. Lower the blind to its full length, tilt the slats almost all the way down and dust. Then tilt the slats almost all the way up and dust. (Not closing the slats all the way allows dusting where the slats overlap.)
- Blinds may also be vacuumed. Use the brush attachment and tilt the slats up and down as described for dusting.
- Another way to clean blinds is simply by wiping them with a soft, damp cloth.

Wood Blinds Only

- Stained blinds, like wood furniture, should be treated periodically with lemon oil or other wood preservative to protect their finish and enhance their luster.

Alternative Wood and Aluminum Blinds

- Wash only the slats using a non-abrasive mild detergent solution. Allow to air dry to preserve the dust repellant properties of the slats.

Aluminum Blinds Only

- For a more thorough cleaning, metal bottom rails and slats may be immersed in a bathtub. Do not immerse headrails or wood bottom rails.

Important: Hunter Douglas does *not* recommend ultrasonic cleaning of wood, alternative wood or aluminum blinds.

CHILD SAFETY



WARNING

For more safety information call 1-888-501-8364.

Young children can STRANGLE in cord loops and in the loop above the cord stop. They can also wrap cords around their necks and STRANGLE.

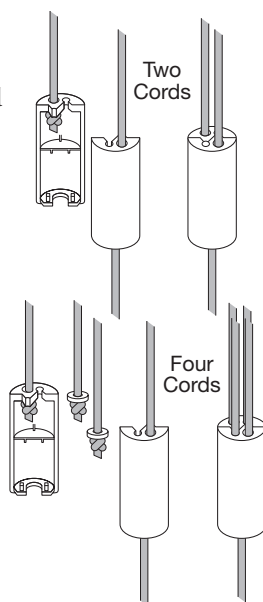
- Always keep cords out of children's reach.
- Move cribs, playpens and other furniture away from cords. Children can climb furniture to get to cords.

Cord Stop (Wood Blinds and Alternative Wood Blinds)

- This component breaks apart with minimal pressure should a child or pet become entangled in the top lift cords.
- It also acts as a stopper to prevent inner cords from being pulled through the blind, which can also create potential entanglement.

Reassembly of Cord Stop

- Reinsert any loose cords into the top notches of the cord stop. There is a notch on each side.
- Line up the two halves of the cord stop and snap the pieces back together.

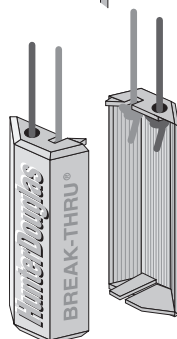


Break-Thru® Tassel (2" Aluminum Blinds)

- This component is designed to break apart should a child or pet become entangled in the lift cords.

Reassembly of Break-Thru Tassel

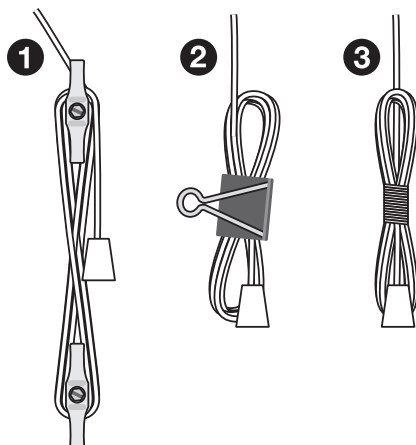
- Reinsert any loose cords into the top notches of the tassel. There is a notch on each side.
- Line up the right and left sides of the tassel and snap the pieces back together.



Cord Cleats

Hunter Douglas offers cord cleats and we recommend their use.

1. Cord Cleats. Attach two cord cleats 6" to 12" apart at a height where they will be out of the reach of children. Take into account that a child may stand on furniture attempting to reach the cords. Be sure the cleats are firmly secured. Once the cleats are attached, wrap excess cord around them after each use of the blind.
2. Cord Clip. Clip the cord to itself using a clamping device.
3. Tie. Wrap or tie the cord to itself.



TROUBLESHOOTING

PROBLEM	SOLUTION
The blind does not raise and lower evenly.	Check inside the headrail. Make sure no obstructions keep the mechanism from turning. Check that lift cords are not pinched or tangled.
The blind will not fit into the mounting brackets.	Make sure the mounting brackets are level and the mounting surface is flat.
The blind does not tilt.	Check that the tilt cords are not tangled or knotted. Check that the ladders have not become disengaged from the tape drums. Check to be sure that the tiltrod is fully inserted into the tilt gear.
Lift cords are bunching by the safety cord stop.	Make sure the slats are in the open position. Raise and lower the blind.
Decorative tapes are wrinkled after installation.	Use a steamer to steam out the wrinkles. Do <i>not</i> stretch the tapes.



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