

INSTALLATION INSTRUCTIONS



Featured: Umber TV Console with
Sligh Strong Arm and Sligh Smart Fan.

Sligh Strong Arm

Sligh

Sligh[®] "StrongArm" TV Bracket Attachment Instructions

The "StrongArm" is an adjustable height flat panel TV mounting bracket that pivots left or right and can be attached to the back side of any Sligh TV console. Its purpose is to seamlessly integrate the position of the TV resulting in a TV that appears to be suspended over the top of the Sligh console. Wires are completely concealed by routing them through access holes in the upright post.

Follow these instructions in the order they are written for best results.



Parts Enclosed

MAJOR COMPONENTS INCLUDE:

1. An adjustable height upright post.
2. Pivoting horizontal support bracket with chrome finished support rails.
3. Two small, plus two large vertical TV attachment brackets.
4. Four 6" long horizontal support rail "extenders" for extra wide TV's.

Also enclosed is a pre-shrunk plastic hardware pack sectioned and labeled "A " thru "L" that includes:

- A:** Four M4 x 35mm attachment bolts for vertical TV brackets (optional).
- B:** Four M4 x 55mm attachment bolts for vertical TV brackets (optional).
- C:** Four M5 x 35mm attachment bolts for vertical TV brackets (optional).
- D:** Four M5 x 55mm attachment bolts for vertical TV brackets (optional).
- E:** Four M6 x 35mm attachment bolts for vertical TV brackets (optional).
- F:** Four M6 x 55mm attachment bolts for vertical TV brackets (optional).
- G:** Four M8 x 35mm attachment bolts for vertical TV brackets (optional).
- H:** Four M8 x 55mm attachment bolts for vertical TV brackets (optional).
- I:** Eight M3.2 x 15mm pan head wood screws for attaching the adjustable height post to the TV console.
- J:** Four oval shaped rubber spacers (optional). Can be placed between the back of the TV and the vertical TV brackets.
- K:** Four tapered shaped rubber spacers (optional) plus four black metal square washers to be used with attaching the vertical TV brackets.
- L:** Two 2mm thick nylon washers with a 25mm O.D. and 10mm I.D. plus one M10 x 45mm bolt with pan head that accepts a 6mm Allen style wrench plus one 10mm nylon lock nut. These parts are used to attach the pivoting horizontal support bracket to the adjustable height upright post.

An additional pre-shrunk wrapped plastic pack labeled "wrenches" includes the following:

- One 8mm Allen wrench (for end cap bolts located on the ends of the chrome finished horizontal support TV hanging bars).
- One 6mm Allen wrench (for horizontal pivot bracket attachment).
- One 2mm Allen wrench (for securing top attachment sleeve to the adjustable height upright post).
- One 17mm open end box wrench (for horizontal pivot bracket attachment).

STEP ONE

Attaching Vertical TV Hanging Brackets

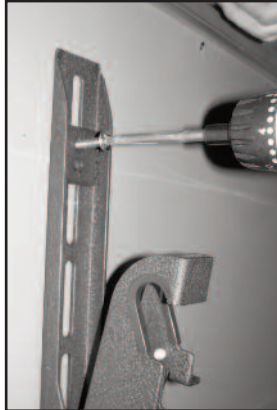
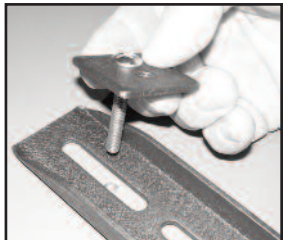
Retrieve the two small and two large vertical TV hanging brackets. If there are no attachment bolts already present on the back side of the TV, identify compatible attachment bolts from those supplied in the hardware pack labeled "A" thru "H".

Note: If your flat panel TV is currently resting on a removable stand it's easier to attach the vertical TV hanging brackets while the TV is temporarily resting on the stand on top of the TV console. In this position, it's also easier to make a judgement relative to what space is desired between the bottom edge of the TV and the top surface of the TV console as discussed in point #4 of the assembly instructions. The stand, of course, will be removed prior to hanging the TV on the Strong Arm.

FOR 50" TV's OR LESS

Attaching the Vertical Hanging Brackets to the TV

Select the smaller vertical TV hanging brackets, appropriate attachment bolts, square metal washers and optional rubber spacers located in section "K". Insert the attachment bolt through the top slot in the smaller vertical TV hanging bracket, attach the rubber spacer to the end of the attachment bolt and screw the attachment bolts into the appropriate bolt holes located in the back side of the TV.

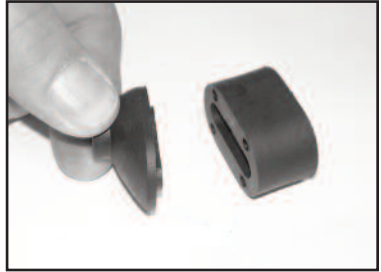


STEP ONE

Attaching Vertical TV Hanging Brackets

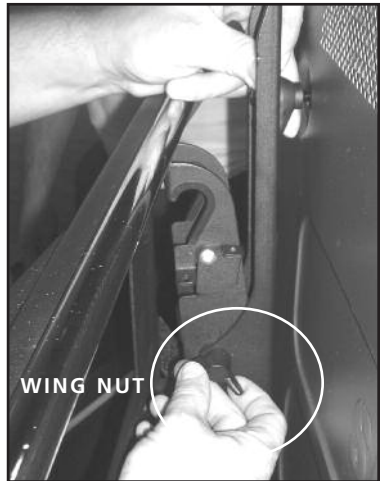
FOR ALL SIZE TV's

Note: The rubber spacers are designed to create more distance between the back side of the vertical TV hanging bracket and the back side of the TV. Some TV designs will require this spacing to allow the vertical TV hanging brackets to be securely attached to the TV. You may use both sections of the rubber spacer to create more offset or just use the tapered portion by itself to create less offset.



FOR 50" TV's OR LESS

Note: Position the "wing nuts" located on the side of the smaller vertical TV hanging brackets so they are facing towards the inside.

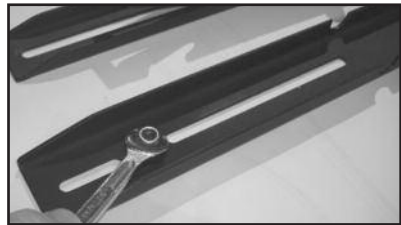


STEP ONE

Attaching Vertical TV Hanging Brackets

FOR TV'S GREATER THAN 50" ONLY

Select both the *smaller* and *larger* pairs of vertical TV hanging brackets. Remove the nuts from the threaded stems located inside these brackets.



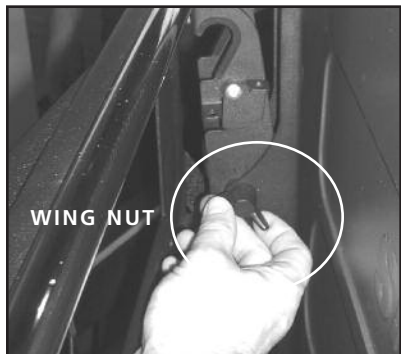
Insert the *smaller* pair of vertical TV hanging brackets into the interior of the *larger* pair of vertical TV hanging brackets and through the threaded stems that are affixed to the *larger* pair of vertical TV hanging brackets. Re-attach and tighten nuts.



Select the appropriate attachment bolts, square metal washers and rubber spacers (optional) located in section "K". Insert the attachment bolt through the top slot in the smaller vertical TV hanging bracket, attach the rubber spacer to the end of the attachment bolt and screw the attachment bolts into the appropriate bolt holes located in the back side of the TV as described in the previous section.



Note: Position the "wing nuts" located on the side of the inserted smaller vertical TV hanging brackets so they are facing towards the outside.



STEP TWO Horizontal Support Rails

FOR TV's GREATER THAN 50" ONLY

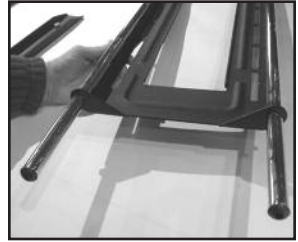
Remove the end cap bolts inserted into the ends of the chrome finished horizontal support rails with the 8mm Allen wrench provided.



Retrieve four chrome finished 6" long horizontal support rail "extenders". Insert these extenders into the ends of the horizontal support rails. Tighten by hand.



Re-insert the end cap bolts into the ends of the 6" extenders and tighten with the 8mm Allen wrench provided.

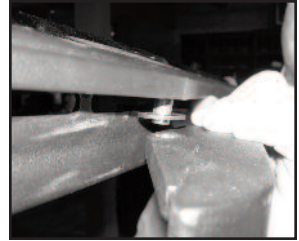


STEP THREE Horizontal Bracket Attachment

FOR ALL SIZE TV's

Horizontal Pivot Support Bracket Attachment

Retrieve the pivoting horizontal support bracket and adjustable height upright post. Lay the upright post on a carpeted floor with the front or flat side down. Position the steel pin located on top of the horizontal support bracket into the corresponding hole in the top of the adjustable height upright post. Place one of the 25mm diameter x 2mm thick nylon washers (enclosed in section "L") between these two sections.

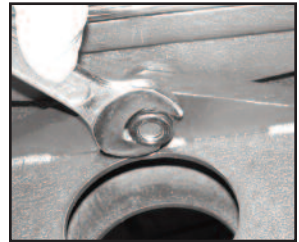


Note: position the chrome finished horizontal support rails so they face toward the rear of the console and StrongArm.

Retrieve the other 25mm diameter x 2mm thick nylon washer plus one M10 x 45mm bolt and 10mm nylon lock nut. Connect the bottom end of the horizontal support bracket to the adjustable height upright post by inserting the M10 x 45mm bolt through the holes provided, attaching the 10mm nylon lock nut to the end of the bolt and tightening with the 6mm wrench enclosed.



Place the other 25mm diameter x 2mm thick nylon washers (enclosed) under the bolt head.

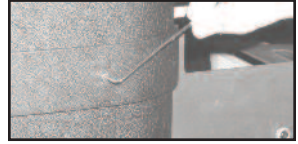


STEP FOUR Post Attachment

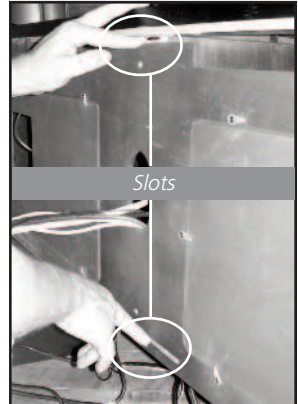
FOR ALL SIZE TV's

Upright Post Attachment to TV Console

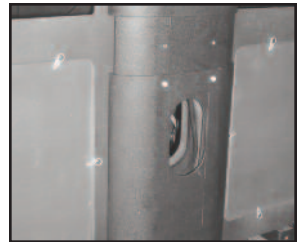
Loosen the recessed Allen head nuts which hold the top attachment plate to the adjustable height upright post.



Pick up the pivoting horizontal support bracket and adjustable height upright post assembly, move it to the back side of the TV console and position the *upper* and *lower* attachment plates into the *slots* provided at the top and bottom rear edges.



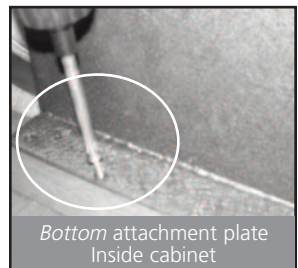
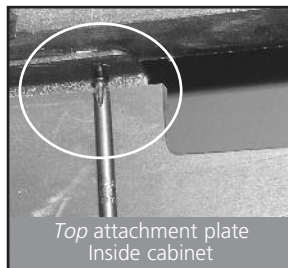
Press the upright post firmly against the back panel. While one person holds the upright post against the back panel.



Another person, from a position inside the front of the cabinet, screws the *top* and *bottom attachment plates* to the underside of the top and the face side of the bottom panel at four locations (each) using the eight M3.2 x 15mm pan head wood screws provided. *Optional: Screw attachment may be easier by pre-drilling a 1/32" diameter hole.*

IMPORTANT

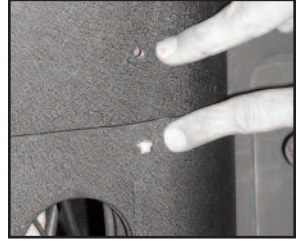
DO NOT OVER TIGHTEN the screws or strip the wood by turning the screws too fast! This action will weaken the holding power of the screws.



STEP FIVE Hanging the TV

FOR ALL SIZE TV's

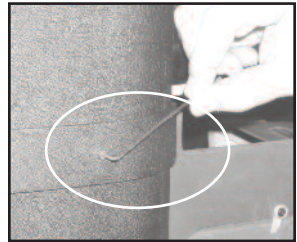
Determine the appropriate distance between the *top surface* of the console and the *bottom edge* of the TV. To adjust this distance remove the holding screws from the existing adjustable hole positions, slide the inside portion of the upright post either up or down to be in alignment with an alternate adjustable hole position, re-insert and re-tighten the holding screws.



Using two people, lift up the TV to a position equal to the horizontal support rails. Position the curved recesses of the vertical TV hanging brackets onto the top and bottom horizontal support rails. Move the rotating "lock" tabs located on one end of the small vertical hanging brackets tightly against the horizontal support rails to insure the hanging brackets are safely secured to the horizontal support rails.



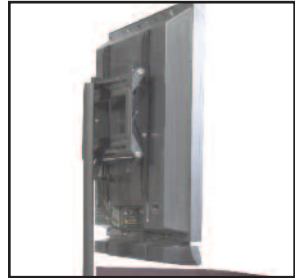
Re-tighten the recessed Allen head nuts which hold the top attachment plate to the adjustable height upright post.



STEP SIX Adjusting the TV Screen Angle

FOR ALL SIZE TV'S

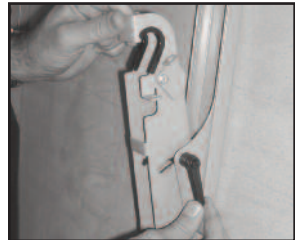
To adjust the left to right angle of the TV simply push one end of the TV panel in the direction desired. The horizontal bracket that supports the TV pivots left to right.



To adjust the up and down angle of the TV:

Loosen the wing nuts located on the vertical hanging brackets.

Move the TV panel to the desired angle and re-tighten the wing nuts.



Wire Management

FOR ALL SIZE TV'S

The body of the adjustable height upright post is engineered with access holes to allow power/electrical cords to be routed through the interior shaft of the adjustable height upright post.



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Sligh Furniture Company Holland, Michigan www.sligh.com 11/09