



Thank you for purchasing Cashmans Horse Equipment Aluminum Stalls and supporting a Family-Owned Small Business! We have been providing quality products at the best prices to our customers since 1979.

Why Aluminum? It's tough, it doesn't rust and it's easy to customize!

Most everyone in the equine world hates the rusty stalls that are inevitable as steel enclosures age, yet some makers of aluminum products have given aluminum a 'bad rap' by cost cutting. Aluminum is more than strong enough if it's built with thick walls and if the alloy and temper are adequate. Steel screws will react with aluminum over time, yet some stall makers supply steel screws alone to assemble stalls, but not with our product.

Non-rusting aluminum systems that have heavy walls, are cutting edge in terms of alloy & temper and supplying hardware that doesn't react to our aluminum. Our screws are either stainless steel or supplied with nylon isolation washers to assure long life.

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Stall Installation Instructions

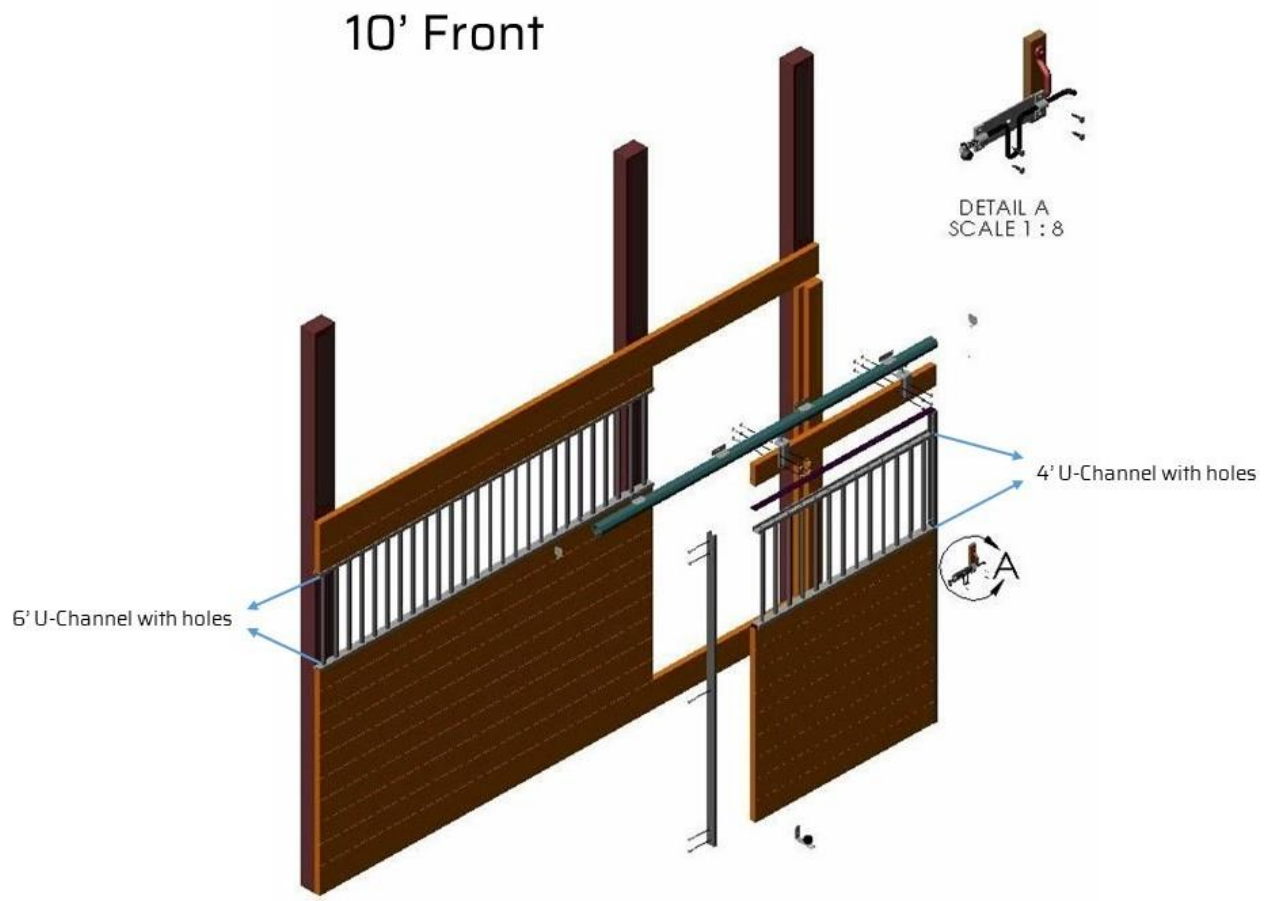
Lumber Required: 2"x 6" Boards – if you have wider boards, you can rip them to fit, but never use a board that is narrower than 2"x 6"

Lumber will vary from lot to lot, so verify size before you buy

Lengths Required for Door Construction:

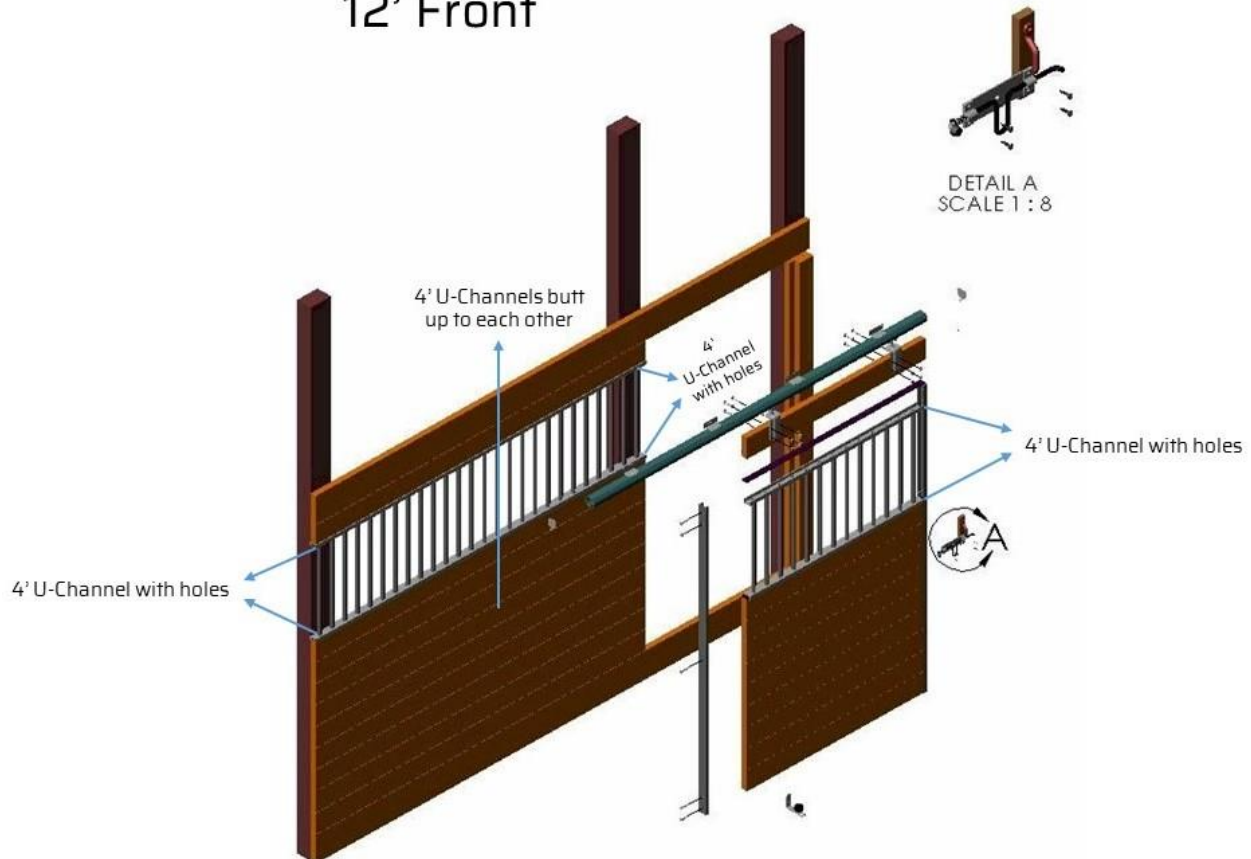
(9) 49 ¾" 2 x 6 Boards, for the bottom of the door

(1.5) 49 ¾" 2 x 6 Board, above the door grill





12' Front



Door Assembly:

1. Cut boards 49 3/4" as noted above – If you are using 10' or 12' boards, the remainder will make the rest of your stall front, you can choose longer boards for larger or custom sizes.
 - The door will have one board fewer at the top and the bottom than the stall front itself
 - Doors are best assembled lying on the floor or on saw horses
2. Drill 9/32" pilot holes using each of the 10 lag screws, 5 holes up each side
 - When adding supplied lags, use vegetable oil on threads for easy driving
 - *ALWAYS use supplied nylon isolation washers
3. Without tightening any of the lags, screw door sides into the bottom board
4. Slide in other boards to grill height, compress the boards toward the bottom and screw in the 2 middle lags.
5. Place bar tracks, with tension pads & bars in the door, set in top board, pull down firmly to compress the tension pads and then tightly screw the top 4 lags
6. Tighten remaining lags



7. Attach the top roller brackets to the top door board (per instructions found in the roller package insert)
 - Trim off the supplied screws in the back as needed to ensure the door will slide freely and not leave sharp edges on the interior of the stall

Fixed Stall Front:

1. Set upright posts & 2" screw or nail two-dimensional lumber working from the ground up to desired grill height allowing for a door clearance of 47"
2. Slide the tension pads in the slot of the U-Channel bar tracks and place the lumber on top.
 - Bars touch the pads on the top & bottom
 - 6' Bar tracks use 1 ½ tension pads
3. Screw the board to the posts to "pinch" and hold the bottom U-Channel bar tracks in place
4. Place a bar in each hole, then place top U-Channel bar tracks with tension pads on bars working from one end to the other with a helper holding the starting end
 - If you are installing the Drop-Down Socializing Door, see page 7
 - If you are installing the Swinging Feed Door, see page 8
5. Place top board in the top U-Channel bar track, pull down firmly, but don't crush the pads. Just compress them with firm pressure & fasten the board above the grills to the posts.

Slide Track Mounts:

1. Measure the door hang distance and screw the 8' track to header board by pre-attached track brackets at a height that aligns the door grill with the rest of the stall grill and allows the door to move without hitting the bottom stay roller
 - IMPORTANT – Use a level when mounting
2. With a helper, lift the door into place
3. Using the provided galvanized nails, pound one through the holes on each end of the 8' track to stop door travel
4. Install the stay roller to hold the bottom of the door



Wall Brace Instructions:

Why you need to use wall stiffening braces?

- Boards, especially long boards, can warp over time
- Braces will keep boards aligned and in place
- Horses kick and push on stall walls, compromising the boards strength
- Adding stiffening braces serves to strengthen the wall making the stall safer

Our stall wall braces are the best in the industry, here's why:

- Smooth double arch construction – twice as strong, no sharp edges
- Center recess keeps the screw heads away from your horses
- Heavy wall construction augments the arch for massive strength
- All aluminum – no rust!
- Center mini-groove keeps your drill bit from wandering during installation
- Available in 47" for stiffening below grills or 94" for full height protection
- Supplied with screws and isolation washers

Installation:

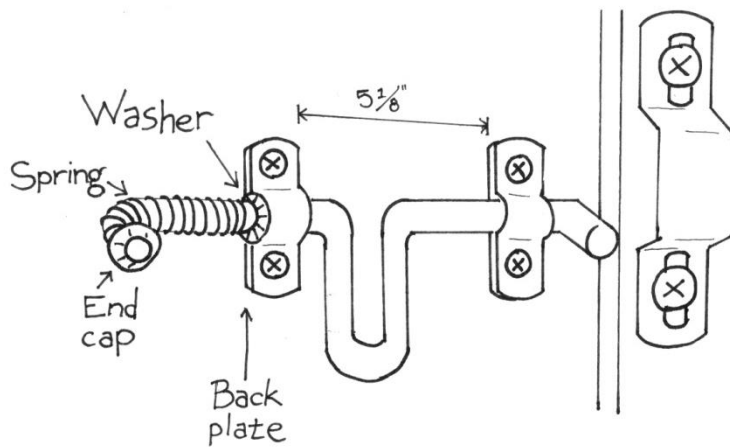
1. The bottom brace should be about 1" above the ground
2. Use a supplied screw & nylon washer in each board
3. Pre-drill the wall brace with ¼" drill bit to align with each board
4. A 1/8" pilot hole in the boards will make screwing in easier and may help prevent splitting the boards



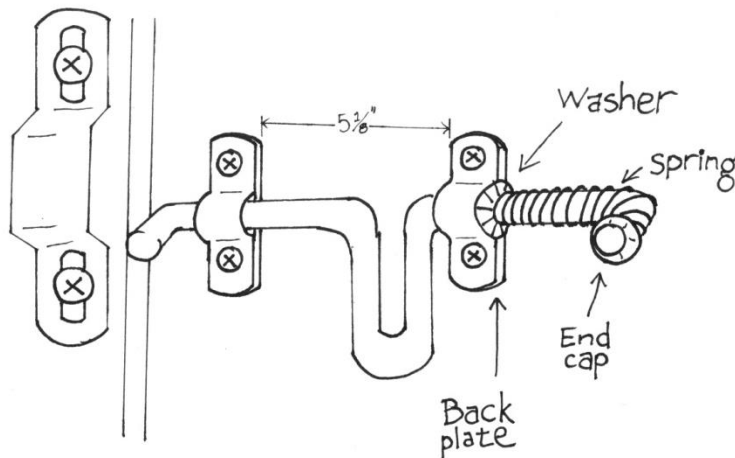
Stall Spring-Back Latch Assembly:

1. Assemble the washer, spring and spring retainer cap on the latch
2. Use a spacer board to align the latch retaining loop with the door mounted latch
3. Screw on the latch and latch retaining loop

Left Slide Assembly:



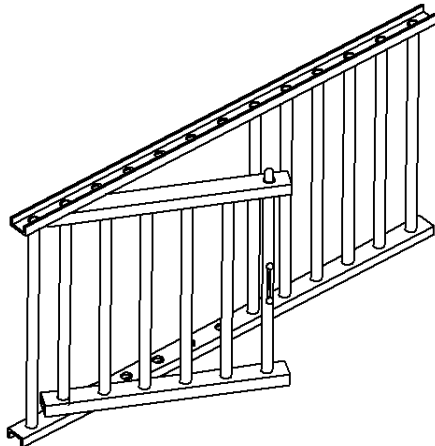
Right Slide Assembly:





Swinging Feed Door Assembly:

1. There should be an opening of 6 bars in the stall front in the location where you would like to place the Swinging Feed Door
2. Slide the top bar track left or right to 'square-up' the swinging feed door in the 6-bar opening before pulling down and fastening the board that holds the top of the assembly
3. The feed door can be installed to open from either the left or the right side depending on which way the unit is turned
4. Finish by pressing the hole plugs into the exposed holes
5. Leave holes that retain the latch posts open



Feed & Socializing Swinging Gate

Turn gate over to open from left side.
This unit will replace any six bars with the exception of the end bars



Drop-Down Socializing Door Assembly:

1. Align the door in the 6 empty bar spaces to accommodate the Drop-Down Socializing Door so the gray latch posts hit holes #1 and #6 in the placement
2. Drop the door straight down along the stall front with the hinges on the bar track
3. Mark the holes in the hinges on the bar track
4. Drill pilot holes in the 4' U-Channel bar track
5. Use the supplied stainless-steel screws to screw the hinges down
 - When you raise the door, it should easily latch closed
6. Lower the door again and mark the end of either one of the latch posts on the wood below the grill
7. Drill a small pilot hole about $\frac{3}{4}$ " above the post end, centered on the post
8. Screw in the enclosed screweye
 - Now you can latch the door down so the horse can't access it
9. Push or tamp the plugs into the exposed holes on the top and bottom