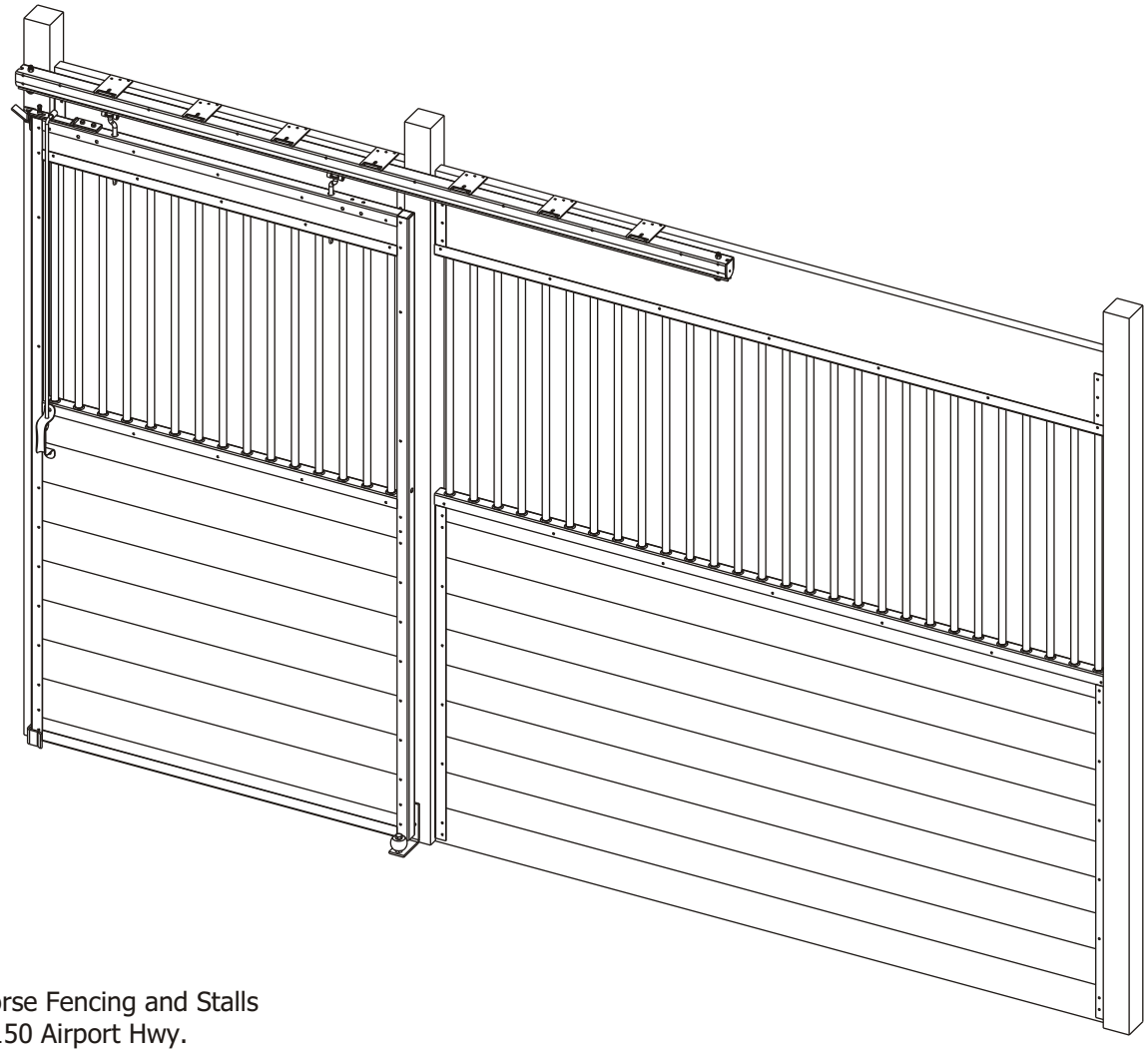
RAMM
Horse Fencing & Stalls

Essex Stalls

(Standard)

Installation Instructions



RAMM Horse Fencing and Stalls
13150 Airport Hwy.
Swanton, OH 43558-9615
1-800-434-8456

Rev. 5/17/18

Before You Start

- Typical stall sizes are 10′ x 10′, 12′ x 12′ or 10′ x 12′, but virtually any size can be built using the stall system.
- Make sure to plan for additions to your stable ahead of time.
- All measurements are based on finished wood sizes. (Example: 2″ x 6″ = 1 1/2″ x 5 1/2″)
- Tongue & groove boards are recommended for filler wood. Account for loss of height due to tongue & groove.
- Pressure treated wood is recommended for posts and bottom two boards of the stall fronts and partitions.
- Corner posts can be set 10′ or 12′ (or any other spacing as desired) on center to fit building design or special needs. The grill length (See dimension B in Fig. A) of a standard 10′ stall front is 65″ and 91″ for a 12′ stall front. However, grill sections can be combined or cut down to create any size of stall front you desire.
- The inside distance between the door posts (See Fig. A) must be 48″. Posts used for the installation may be 4x4, 4x6 or 6x6. If top of posts are not going to be anchored then a sufficient amount of post should be placed deep enough in the footing to provide adequate holding power (3′ depth recommended).
- Install the corner posts first followed by the door posts. Make sure all posts are plumb, true and level.
- Wall sections that span over 12′ long will require a 4x4 center support post.
- Drilling pilot holes is recommended to prevent splitting of wood.

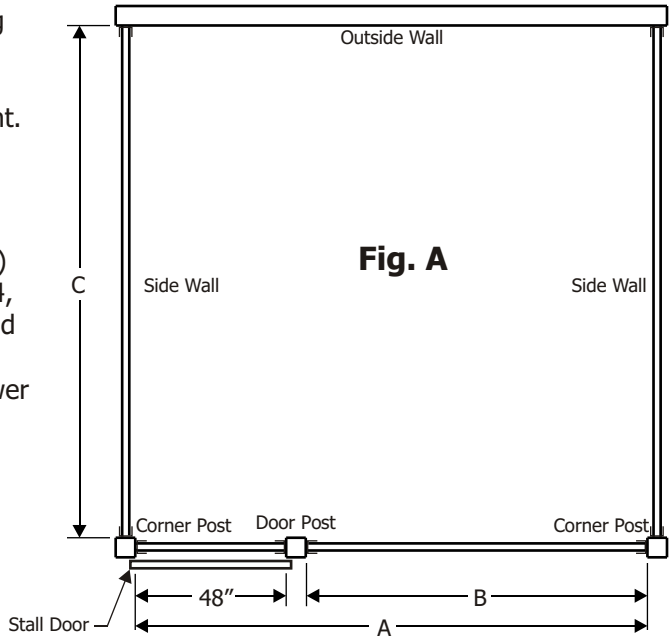
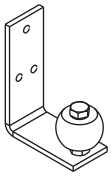


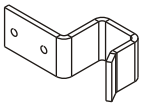
Fig. A

Wood Specifications for RAMM Essex Stalls			
SECTION	10 FT. STALL	12 FT. STALL	14 FT. STALL
Front Walls	(10) 2″ x 6″ x 10′	(10) 2″ x 6″ x 12′	(10) 2″ x 6″ x 14′
Header Board	(1) 2″ x 12″ x 10′	(1) 2″ x 12″ x 12′	(1) 2″ x 12″ x 14′
Grill Partitions	(10) 2″ x 6″ x 10′	(10) 2″ x 6″ x 12′	(10) 2″ x 6″ x 14′
Header Board	(1) 2″ x 12″ x 10′	(1) 2″ x 12″ x 12′	(1) 2″ x 12″ x 14′
Solid Partitions	(18) 2″ x 6″ x 10′	(18) 2″ x 6″ x 12′	(18) 2″ x 6″ x 14′
Posts* 4x4, 4x6, 6x6	(3) Needed per stall system except when stalls are added next to each other. * See Fig. A above		

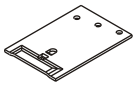
Part Identification



Stay Roller (1)



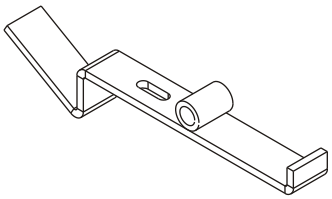
Post Bumper (1)



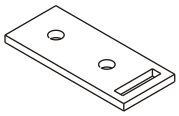
Round Track Bracket (7) (Not Painted)

Round Track End Caps (2)

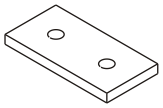
Round Track Washer (2)



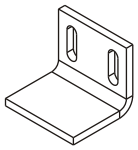
Latch Arm (1)



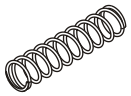
Latch Plate (1)



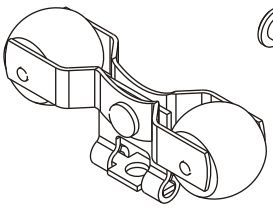
Latch Spacer (1)



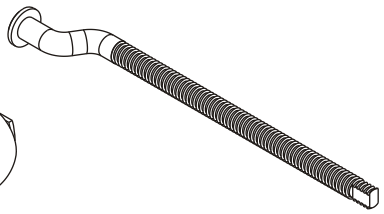
Latch Catch (1)



Latch Spring (1)



Trolley Wheels (2)



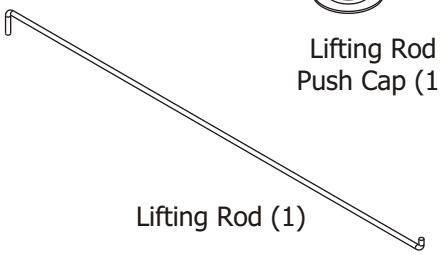
Trolley Bolt (2)

Door Latch Handle (1)

Nylon Washer (1)

Latch Catch Washer (2)

Lifting Rod Push Cap (1)

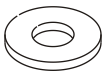


Lifting Rod (1)

Trolley Bolt Nut (2)

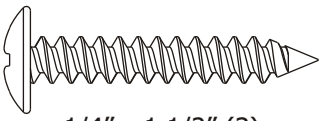
Trolley Bolt Flanged Nut (2)

Track Stop Lock Nut (1)

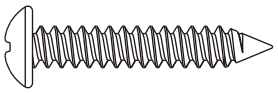


Track Stop Washer (1)

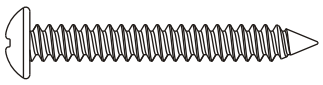
(Screws shown actual size)



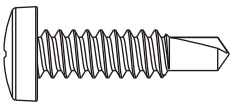
1/4" x 1 1/2" (3)
Stay Roller



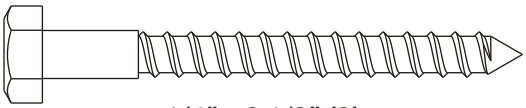
SS1
Stall Wood



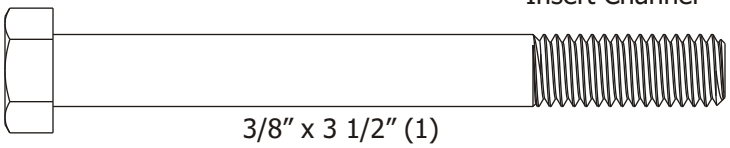
#10 x 1 1/2" (21)
Round Track Bracket



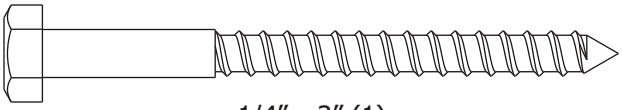
#14 x 1"
Privacy Partition
Insert Channel



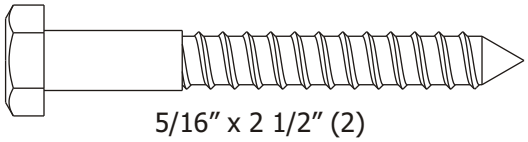
1/4" x 2 1/2" (2)
Latch Catch



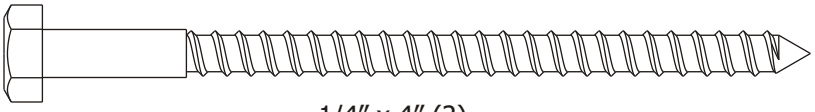
3/8" x 3 1/2" (1)
Track Stop Bolt



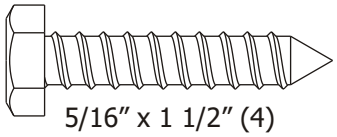
1/4" x 3" (1)
Latch Spring



5/16" x 2 1/2" (2)
Latch Plate/Latch Spacer



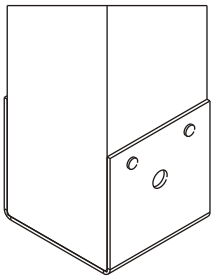
1/4" x 4" (2)
Round Track



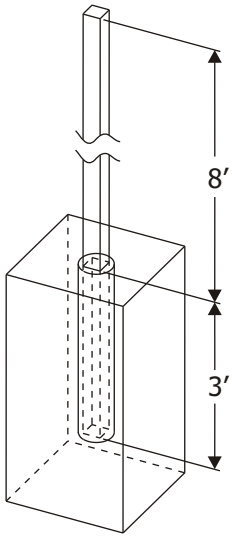
5/16" x 1 1/2" (4)
Post Bumper/Door Handle

Post Installation

Posts can be installed in several ways. The most common is to auger into the ground or using post anchoring plates to a concrete base.



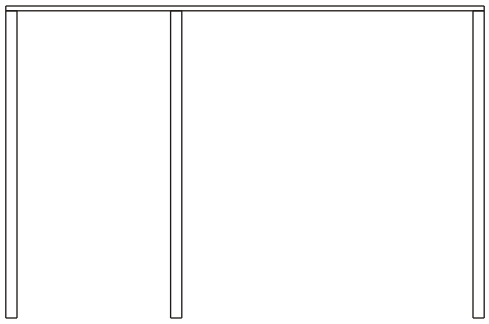
Post Anchor Plate



Augered in Ground

When you auger posts, all posts should be installed with the top at least 8′ above the ground.

Continuous bracing



Continuous top bracing must be used on free standing or cathedral ceilings when posts are not secured to ceilings or rafters.

1. Refer to Fig. A to determine post locations for your stall size.
2. Install corner posts first. Be careful to stay within the dimensions A and C per the chart.
3. Install door post 48″ from corner post with a tolerance of +/- 1/4″.

   NOTE: Check all posts for level, square and plumb.
4. Dimension B should be treated as the variable dimension if a problem with post location should arise. In this event, it may be necessary to cut some of the grill components.

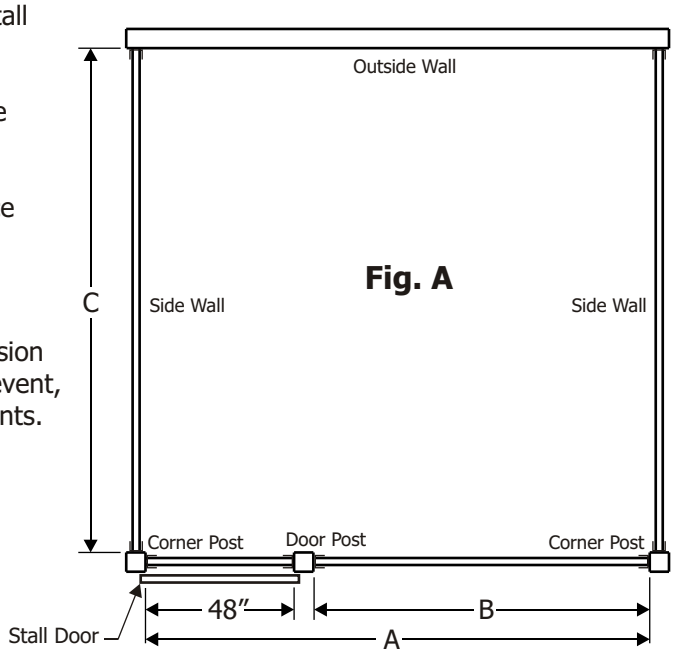


Fig. A

Stall Dimensions using 4x4 (3-1/2″ x 3-1/2″) Posts		
Dimension	10′ Stall Front	12′ Stall Front
A	116 1/2″	142 1/2″
B	65″	91″
C	120″	144″

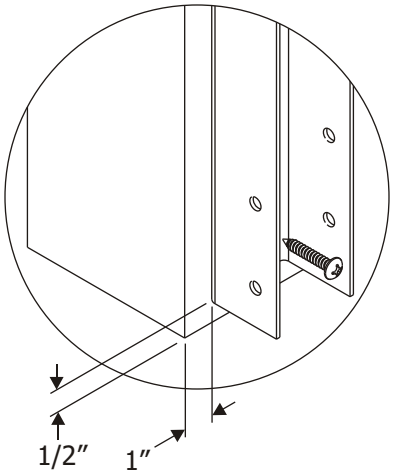
CHECK FOR SQUARE: Measure from one corner diagonally to the opposite corner (top left to bottom right) and repeat for the other corner. Measurements should be the same. If they are not, tap the corner of the longest measurement until you have two equal measurements. This will ensure your work is square.

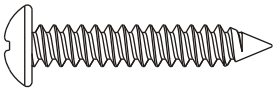
Stall Front Assembly

Place 46 1/2" U-channels 1" from front face of posts and 1/2" above floor on corner and door posts.

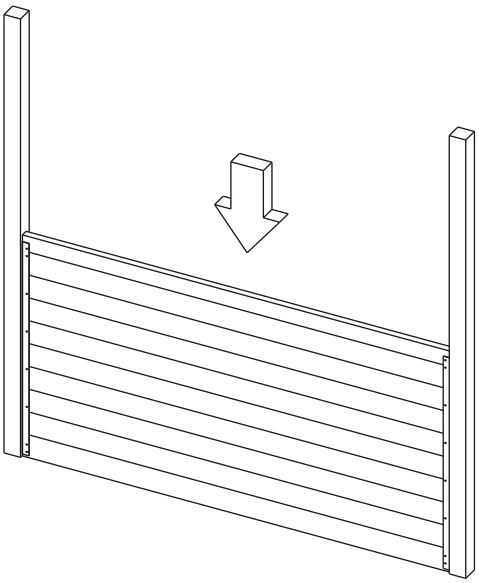
Check that channels are level and plumb.

Fasten with provided SS1 screws through holes in channel.





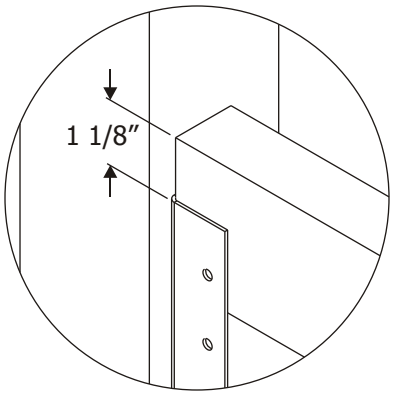
SS1 Screw



Cut lumber 1/4" to 3/8" less than the distance measured between the inside faces of the U-channel.

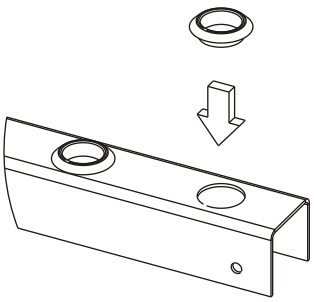
Slide first board down to the bottom of the U-channel ensuring that it is level. Pressure treated lumber can be used for the bottom of the stall wall. When using pressure treated lumber, proper coated screws must be used.

Secure bottom board with provided SS1 screws before installing the remaining boards.

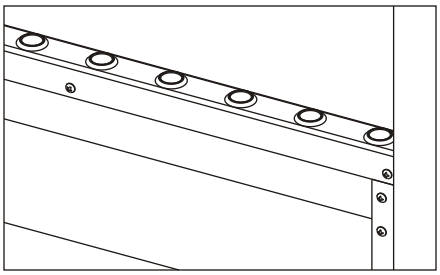


Install remaining boards ensuring the last board is 1 1/8" above the U-channels.

It may be necessary to rip a board to achieve the correct height.



Firmly press in rubber grommets into holes for the top and bottom grill channels.



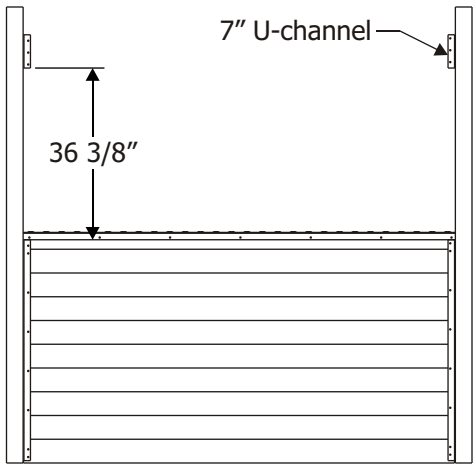
Place bottom grill channel over the last board so it rests on top of the U-channel.

Fasten with SS1 screws provided.

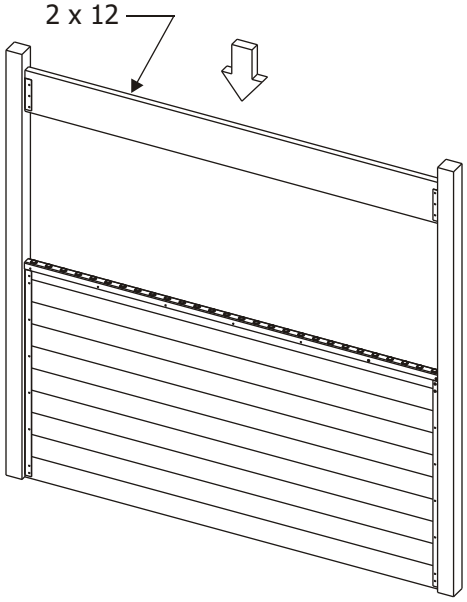
Stall Front Assembly (cont.)

From the top of the 46 1/2" U-channel, measure up 36 3/8" and place a mark on the posts.

Place 7" U-channels against posts at the mark. Using a level or other type of straight edge, align 7" U-channel with 46 1/2" U-channel, then fasten to posts with provided SS1 screws.

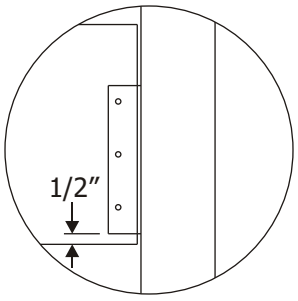



SS1 Screw



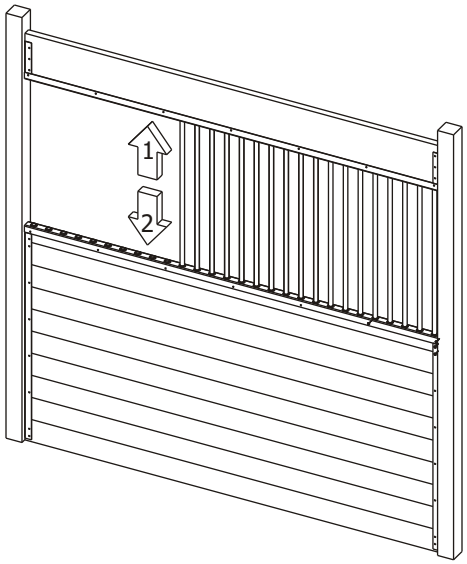
Insert a 2 x 12 board in the 7" U-channels allowing it to extend 1/2" below the 7" U-channels.

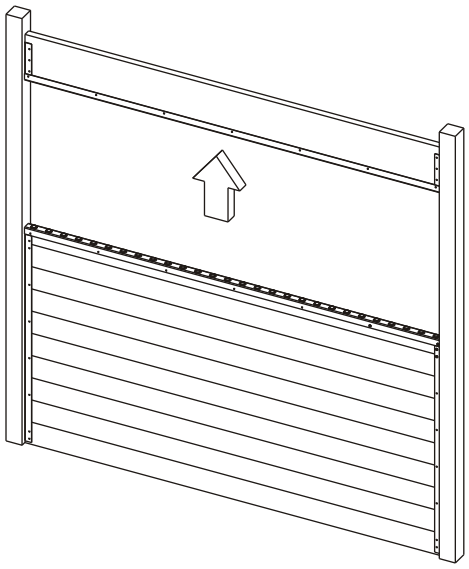
Use one SS1 screw at each end to temporarily hold the header board in place.



Place top grill channel over 2 x 12 and against bottom of 7" U-channel.

Using a couple of SS1 screws provided, temporarily fasten top grill channel to 2 x 12.





Starting at one end, first slide the gill bar up into the grommet in the top grill channel, second insert the grill bar into the grommet in the bottom grill channel.

Repeat until all the grill bars are inserted.

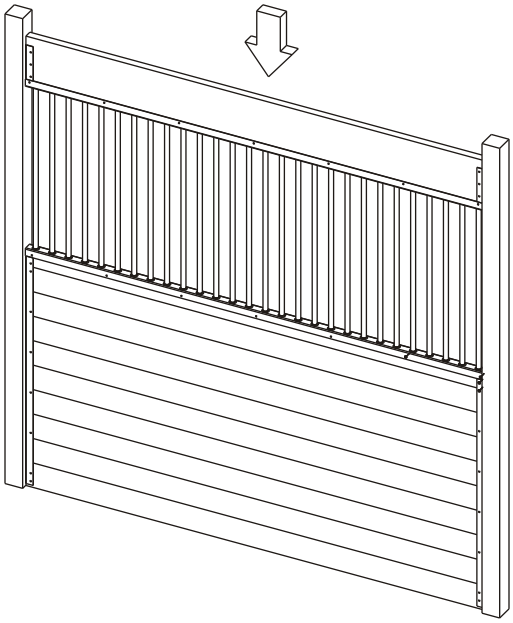
Stall Front Assembly (cont.)

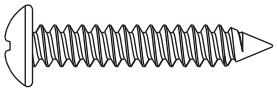
After all the bars are inserted, remove the temporary screws holding the top grill channel and 2 x 12 header board.

Push or pull down on the 2 x 12 header board until it sits down evenly on top of the grill bars.

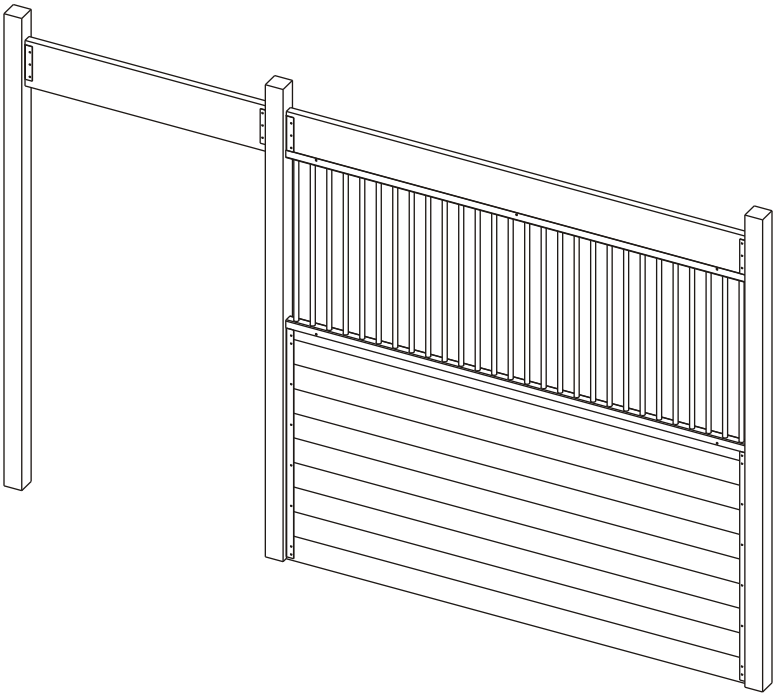
Make sure the top grill channel is up against the bottom of the 7” U-channel.

Secure the 2 x 12 header board and top grill channel with provided SS1 screws.





SS1 Screw

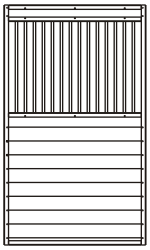


Install two 7” U-channels in the door opening aligning them with the 7” U-channels in the front.
(Measure from top of post to top of 7” U-channel.)

Fasten to posts with SS1 screws.

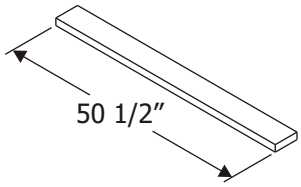
Insert 2 x 12 header board, align with top of 2 x 12 in front and fasten to the 7” U-channels with SS1 screws.

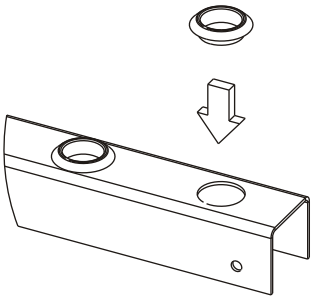
Stall Door Assembly - Grill Top



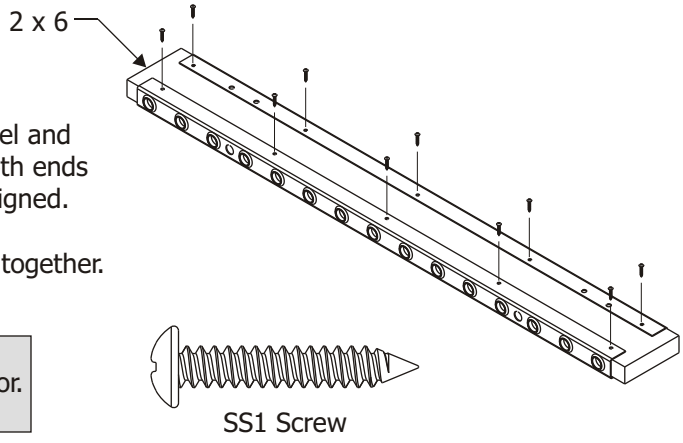
Grill Top

Cut 2 x 6 lumber to 50 1/2”. The number of pieces may vary depending on the material used.





Firmly press in rubber grommets into holes on the top and bottom grill channels.

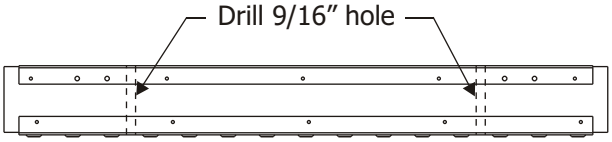


Place a 2 x 6 cut at 50 1/2” between the door top channel and door top grill channel. Space the lumber evenly from both ends of the channels making sure the 3/4” trolley holes are aligned.

Using SS1 screws provided, attach lumber and channels together.

SS1 Screw

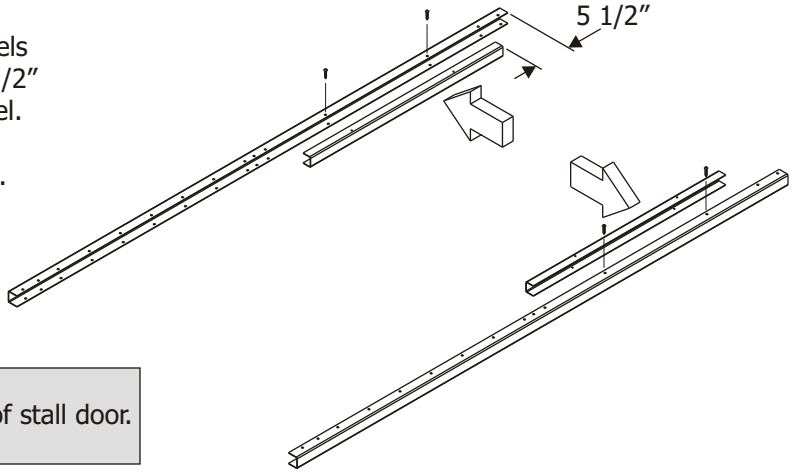
Only put screws on front or outside of stall door.



Drill 9/16” holes completely through the wood using the 3/4” punched holes as a guide. Drill in from both sides if your drill bit is not long enough.

Slide door insert channels into door side channels aligning holes. There will be approximately 5 1/2” from top of insert channel to top of side channel.

Fasten together through holes with SS1 screws.



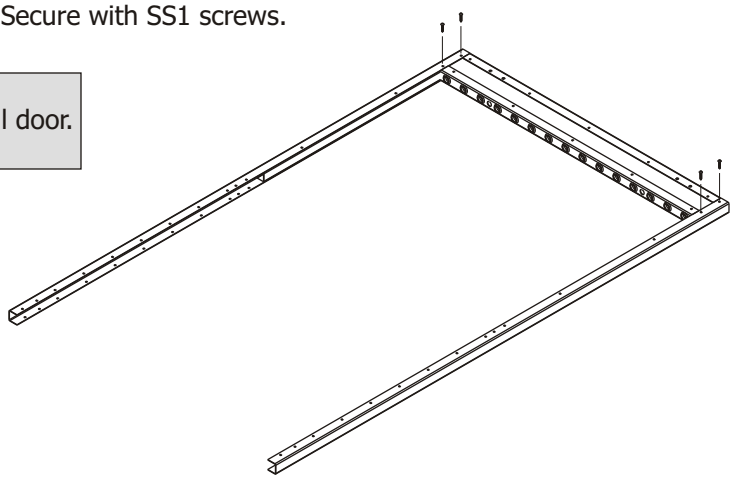
Only put screws on front or outside of stall door.

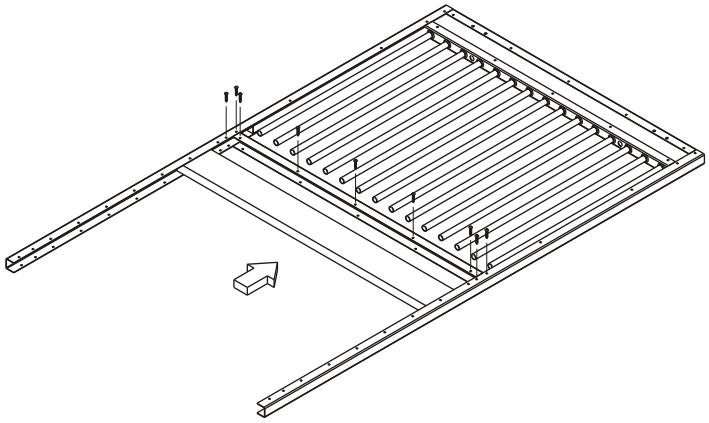
Stall Door Assembly - Grill Top (cont.)

Align top of door side channels with top of channel Secure with SS1 screws.

Only put screws on front or outside of stall door.

SS1 Screw





Center door bottom grill channel on a 2 x 6 cut at 50 1/2” and insert into door side channels.

Starting at one end, add grill bars into top and bottom grill channels.

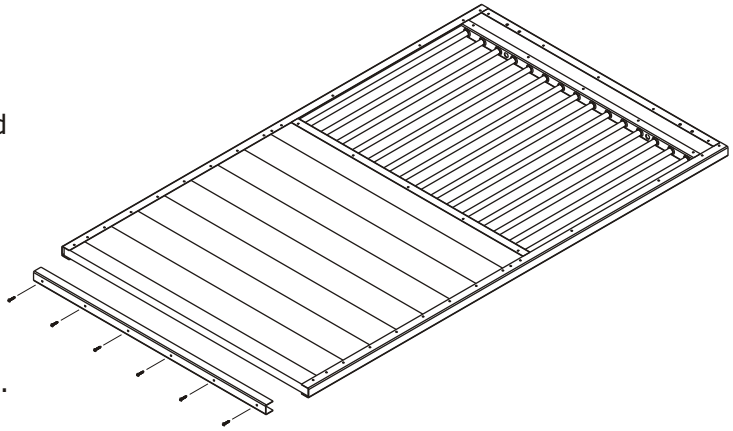
Push 2 x 6 until it is tight up against insert channels/bottom grill channel/grill bars.

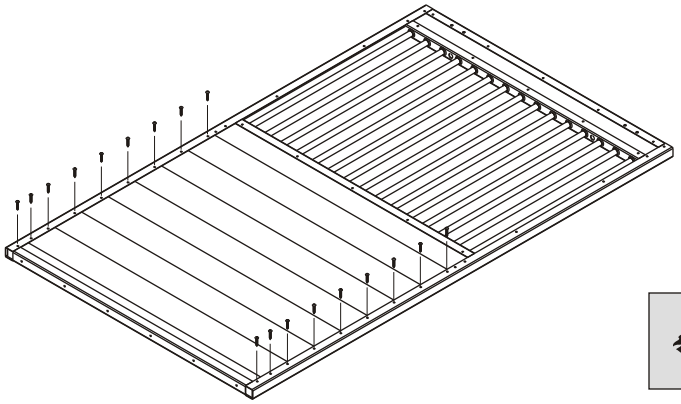
Secure bottom grill channel and side channels to 2 x 6 with SS1 screws.

Insert remaining 2 x 6 x 50 1/2” lumber. The last board may need to be ripped so it does not extend past the end of the door side channels.

Insert door bottom channel over the last piece of lumber and flush with the bottom of the door side channels.

Fasten door bottom channel to last board with SS1 screws up through holes in bottom of channel.



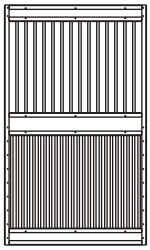


Make sure door is square and all channels and lumber are tight against each other.

Screw lumber to door side channels with SS1 screws.

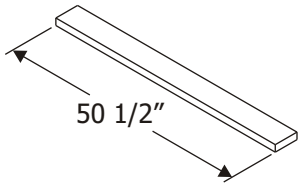
Only put screws on front or outside of stall door.

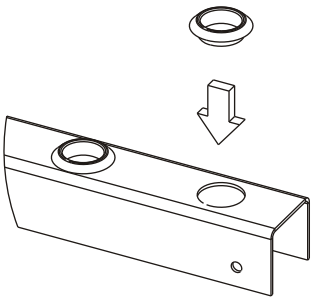
Stall Door Assembly - Full Grill



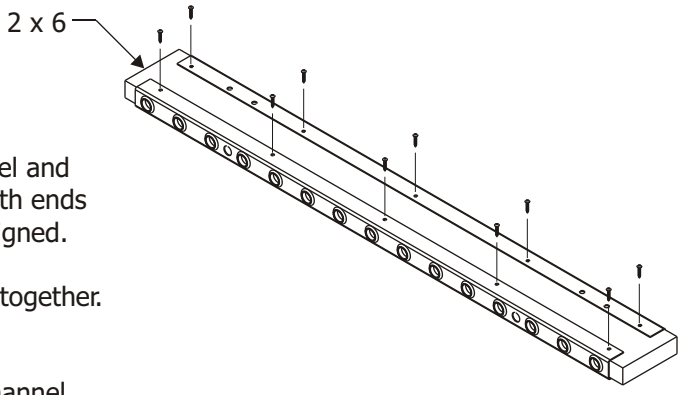
Full Grill

Cut two pieces of 2 x 6 and one piece of 2 x 8 lumber to 50 1/2”.





Firmly press in rubber grommets into holes on the top and bottom grill channels.



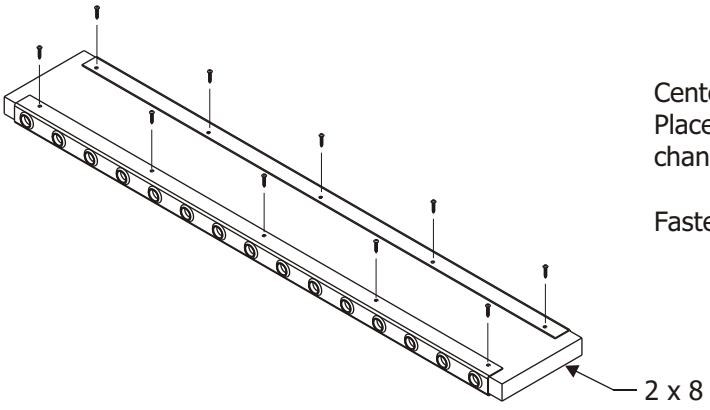
Door Header Assembly:
Place a 2 x 6 cut at 50 1/2” between the door top channel and door top grill channel. Space the lumber evenly from both ends of the channels making sure the 3/4” trolley holes are aligned.

Using SS1 screws provided, attach lumber and channels together.

Bottom Grill Assembly:
Repeat for door bottom channel and door bottom grill channel with 2” bar spacing.

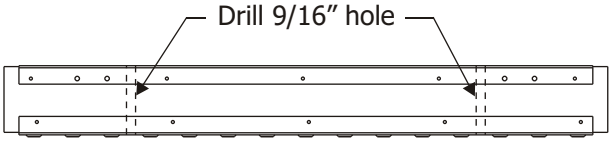
SS1 Screw

Only put screws on front or outside of stall door.



Center Grill Assembly:
Place a grill channel with 3 1/2” bar spacing and a grill channel with 2” bar spacing evenly on a 2 x 8 cut at 50 1/2”.

Fasten channels to 2 x 8 with provided SS1 screws.



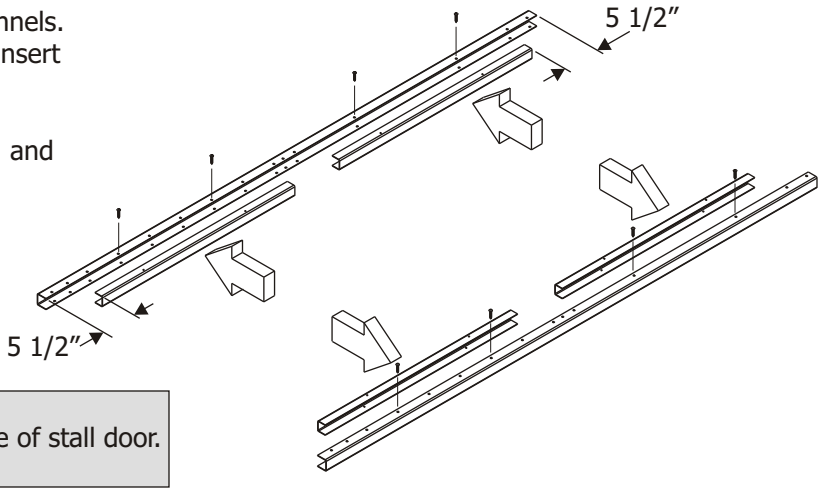
Drill 9/16” holes completely through the wood of the door header using the 3/4” punched holes as a guide. Drill in from both sides if your drill bit is not long enough.

Stall Door Assembly - Full Grill (cont.)

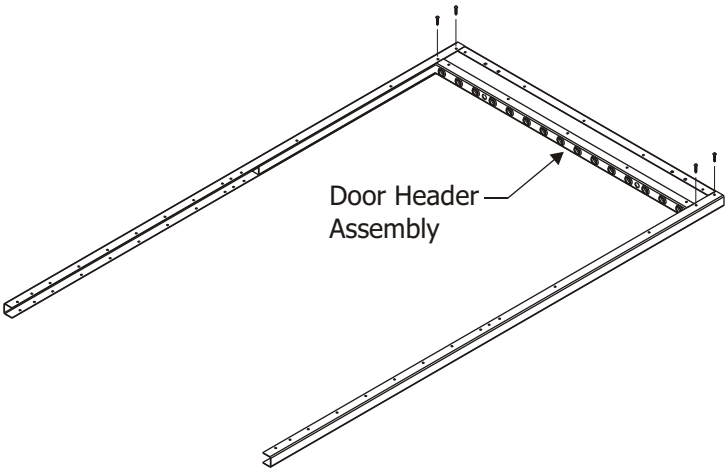
Slide door insert channels into door side channels. Insert channels should be 5 1/2" from edge insert channel to edge of side channel.

Drill pilot holes through holes in side channel and fasten together with SS1 screws.

SS1 Screw



Only put screws on front or outside of stall door.



Align top of door side channels with top of door header assembly.

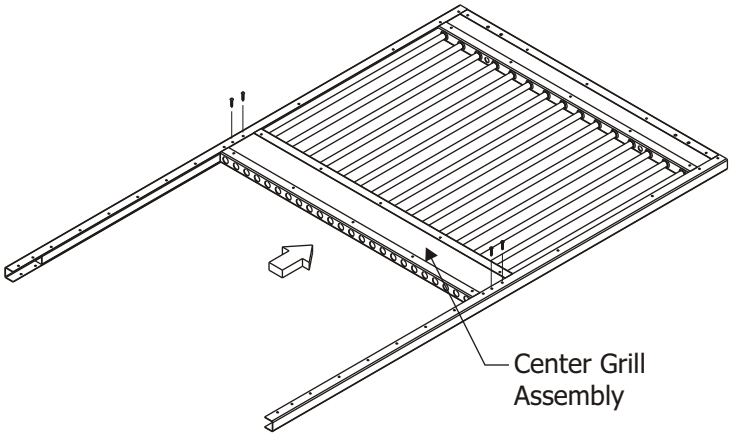
Secure with SS1 screws.

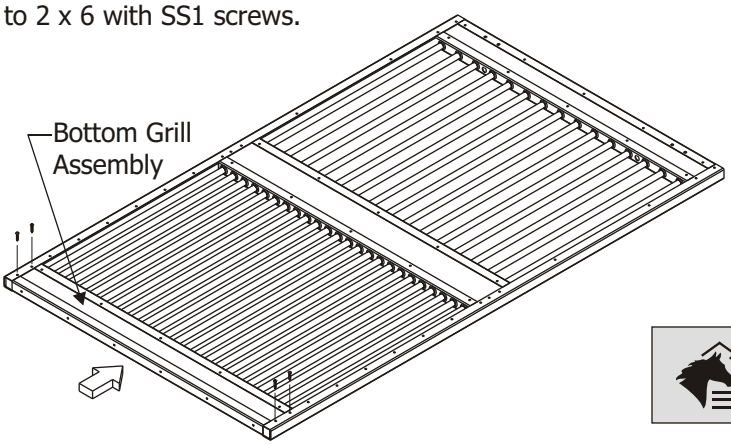
Place center grill assembly in the approximate center of the door between the door side channels.

Starting at one end, add grill bars into the top and center grill assemblies.

Push center grill assembly tight up against insert channels/grill bars.

Secure center grill assembly and side channels to 2 x 6 with SS1 screws.



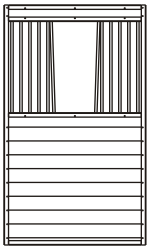


Insert grill bars into center grill assembly then slide bottom grill assembly into the side channels until bottom edge of bottom grill assembly is flush with edge of side channels.

Check that door is square and secure bottom grill assembly with provided SS1 screws.

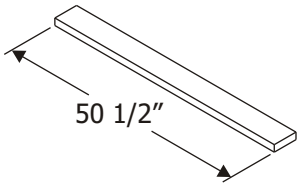
Only put screws on front or outside of stall door.

Stall Door Assembly - V-Door



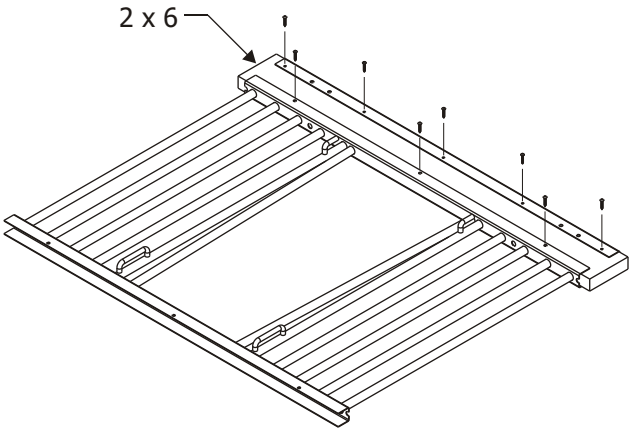
V-Door

Cut 10 pieces of 2 x 6 lumber to 50 1/2”
The number of pieces may vary depending on the material used.



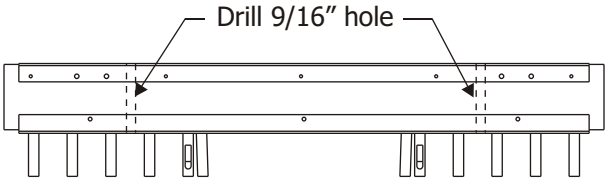
Place a 2 x 6 cut at 50 1/2” between the door top channel and V-grill. Space the lumber evenly from both ends of the channels making sure the 3/4” trolley holes are aligned.

Using SS1 screws provided, attach lumber and channels together.



Only put screws on front or outside of stall door.

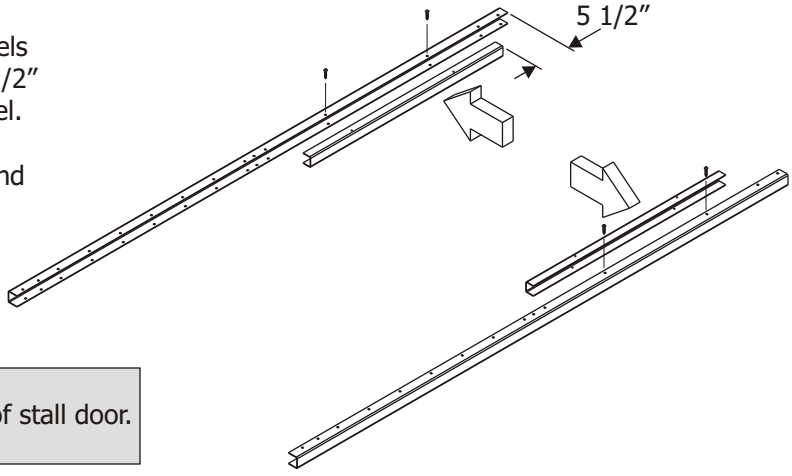
SS1 Screw



Drill 9/16” holes completely through the wood using the 3/4” punched holes as a guide.

Slide door insert channels into door side channels aligning holes. There will be approximately 5 1/2” from top of insert channel to top of side channel.

Drill pilot holes through holes in side channel and fasten together with SS1 screws.



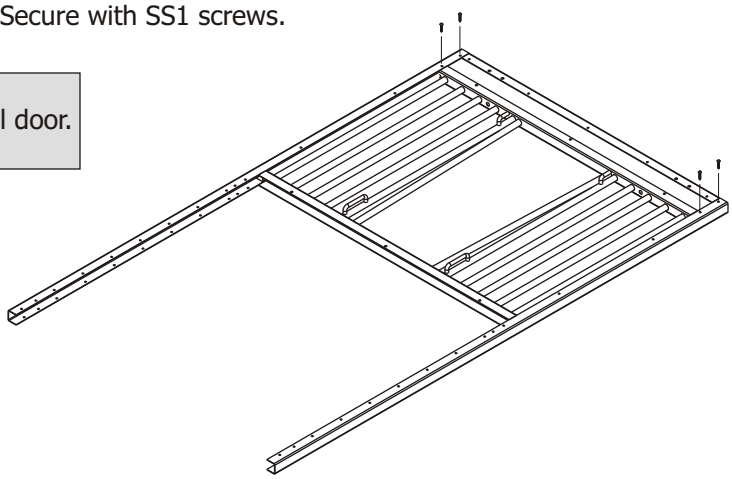
Only put screws on front or outside of stall door.

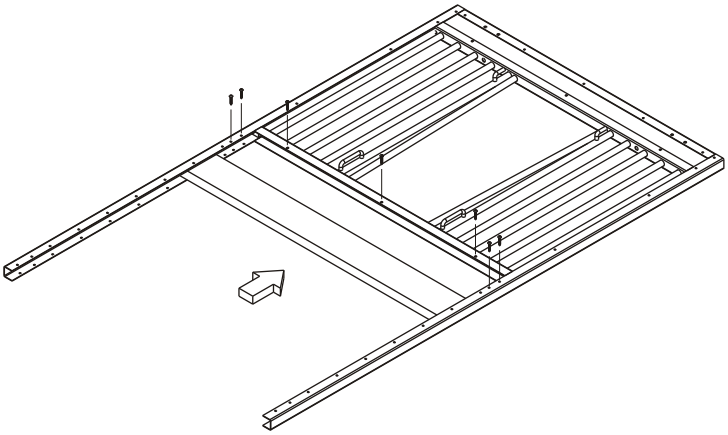
Stall Door Assembly - V-Door (cont.)

Align top of door side channels with top of channel Secure with SS1 screws.

Only put screws on front or outside of stall door.

SS1 Screw





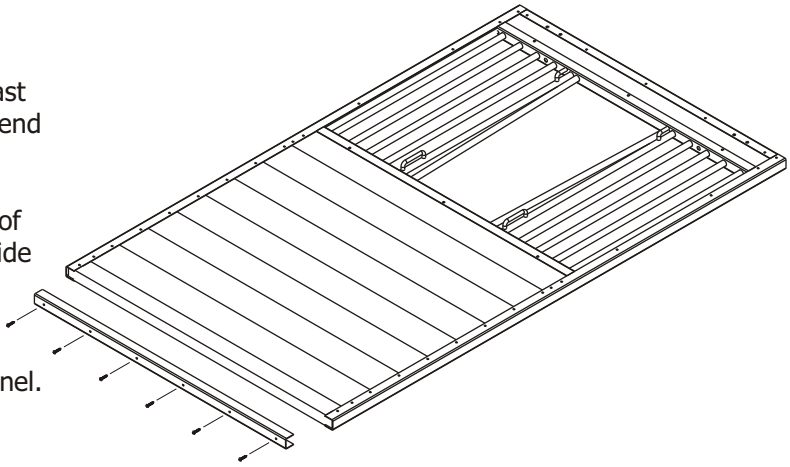
Push 2 x 6 until it is tight up against insert channels/bottom grill channel/grill bars.

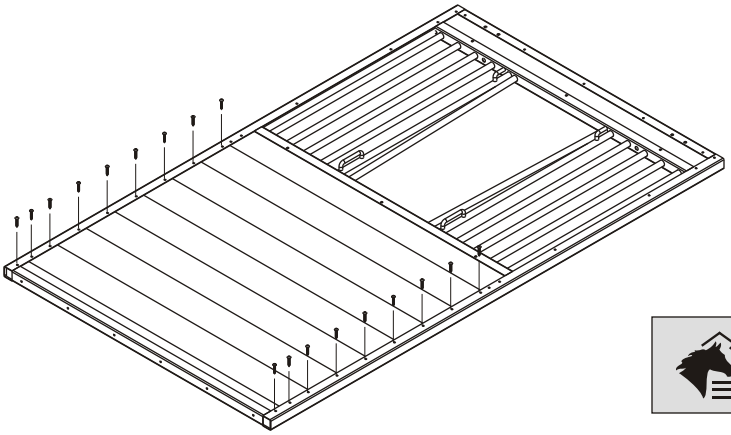
Secure V-grill and side channels to 2 x 6 with SS1 screws.

Insert remaining 2 x 6 x 50 1/2” lumber. The last board may need to be ripped so it does not extend past the end of the door side channels.

Insert door bottom channel over the last piece of lumber and flush with the bottom of the door side channels.

Fasten door bottom channel to last board with SS1 screws up through holes in bottom of channel.



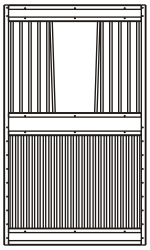


Make sure door is square and all channels and lumber are tight against each other.

Screw lumber to door side channels with SS1 screws.

Only put screws on front or outside of stall door.

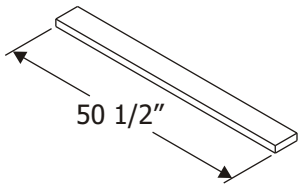
Stall Door Assembly - Full Grill V-Door



Full Grill
V-Door

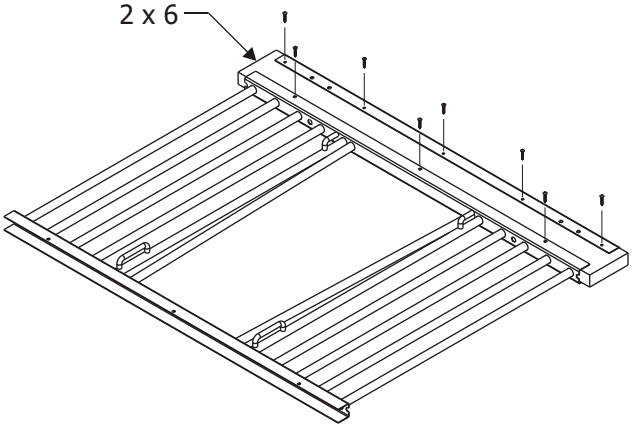
Cut one 2 x 6 and two pieces of 2 x 8 lumber to 50 1/2”.

One of the 2 x 8 will need to be ripped to 6 1/8”.

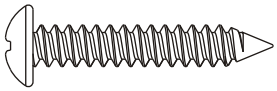


Place a 2 x 6 cut at 50 1/2” between the door top channel and V-grill. Space the lumber evenly from both ends of the channels making sure the 3/4” trolley holes are aligned.

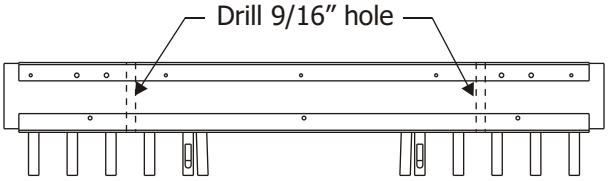
Press parts together, then using SS1 screws provided, attach lumber and channels together.



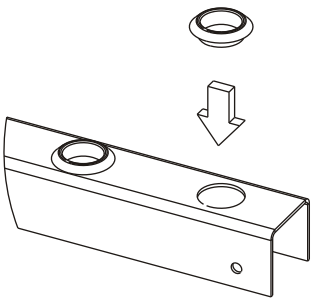
Only put screws on front or outside of stall door.



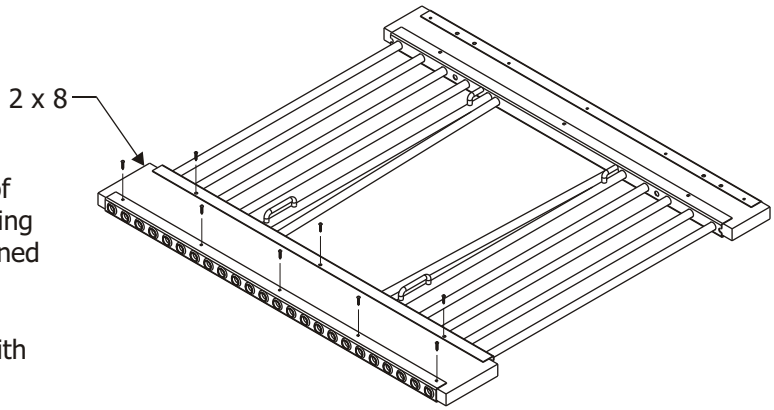
SS1 Screw



Drill 9/16” holes completely through the wood using the 3/4” punched holes as a guide.



Firmly press in rubber grommets into holes in the grill channels.



Insert 2 x 8 cut at 50 1/2” into bottom channel of V-grill then place a grill channel with 2” bar spacing on the 2 x 8. Be sure 2 x 8 and channel are aligned and evenly spaced.

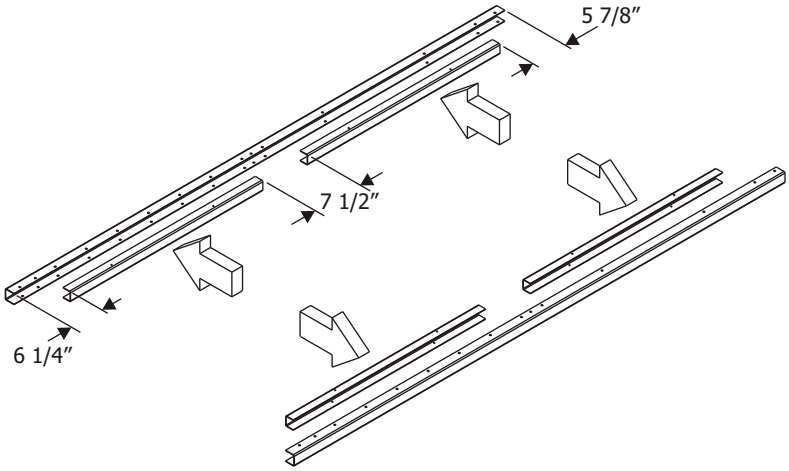
Press channels and 2 x 8 together then fasten with provided SS1 screws.

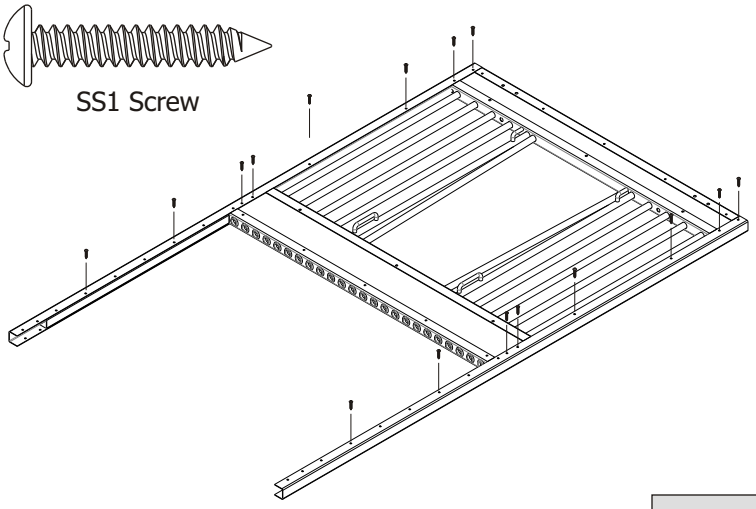
Stall Door Assembly - Full Grill V-Door (cont.)

Slide 33” door insert channels into top section of door side channels. Insert channels should be 5 7/8” from the top edge of side channel.

Insert the 34” insert channels into the bottom section of the side channel. The 34” insert channels should be 7 1/2” from the 33” insert channels and 6 1/4” from the bottom edge of the side channel.

A rubber mallet may need to be used to seat insert channels into side channels.





Place door side channels to V-grill assembly aligning top of door side channels with top of V-grill.

Make any adjustments to insert channels so they fit proper to the wood and V-grill.

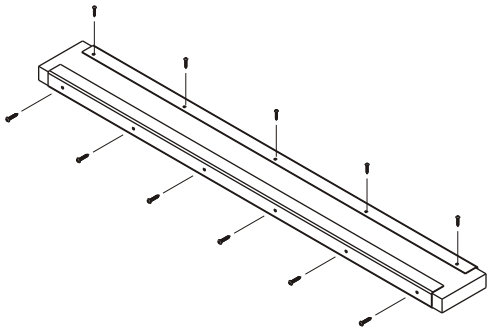
Secure V-grill assembly and side channels together with SS1 screws.

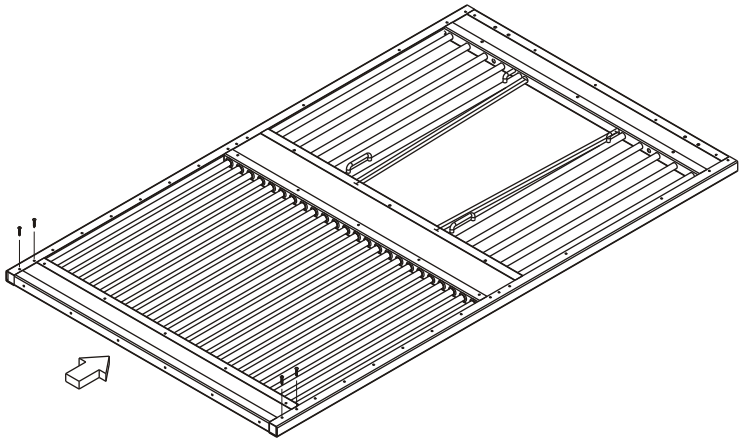
Drill pilot holes through holes in side channel and fasten insert channels to side channels with SS1 screws.

Only put screws on front or outside of stall door.

Bottom Grill Assembly:
Place a 2 x 8 ripped to 6 1/8” wide and cut at 50 1/2” long, between the door bottom channel and door grill channel. Space the lumber evenly from both ends of the channels.

Using SS1 screws provided, attach lumber and channels together.

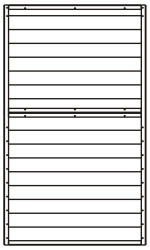




Insert grill bars into V-grill assembly then slide bottom grill assembly into the side channels until bottom edge of bottom grill assembly is flush with edge of side channels.

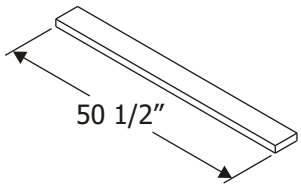
Check that door is square and secure bottom grill assembly with provided SS1 screws.

Stall Door Assembly - Solid



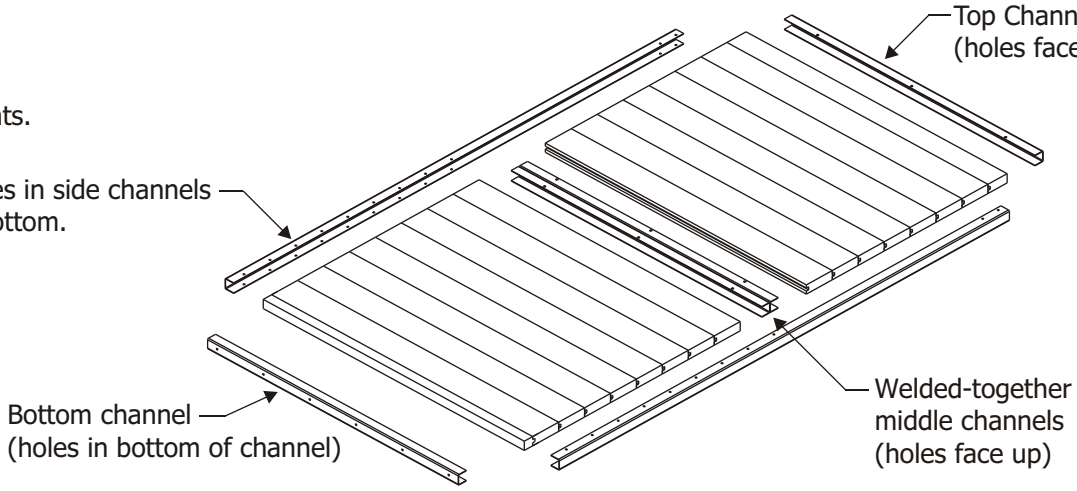
Solid

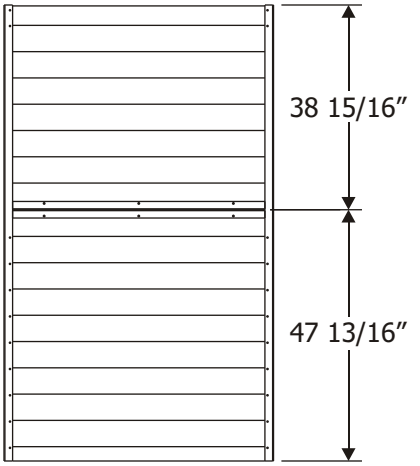
Cut 2 x 6 lumber to 50 1/2". The number of pieces may vary depending on the material used.



Lay out components.

Orient holes in side channels towards bottom.





Fit wood and channels together.

The welded-together center channels should be located per diagram.

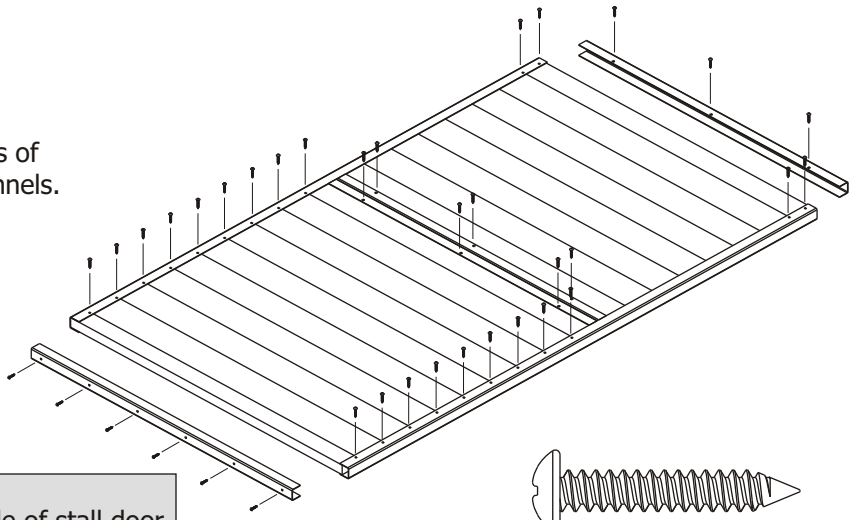
Top and bottom boards may need to be ripped so they do not extend past the end of the door side channels.

Slide top and bottom channels over the ends of the boards so they fit between the side channels.

Fasten with provided SS1 screws.

Check that door is square and all channels and boards are tight against each other.

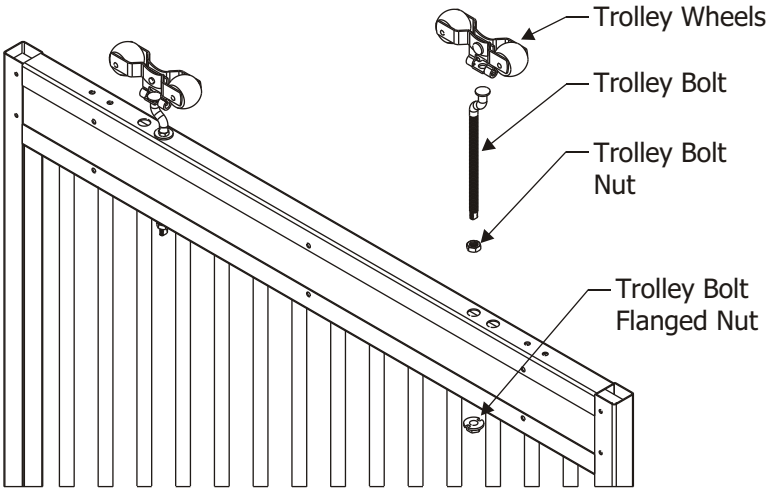
Fasten remaining channels and boards together with SS1 screws.



SS1 Screw

Only put screws on front or outside of stall door.

Door Trolley Assembly



Insert trolley bolt through hole in trolley wheel assembly.

Thread trolley bolt nut onto trolley bolt.

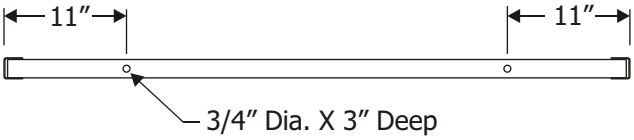
Feed trolley bolt through hole in top of door.

Thread trolley bolt flanged nut on end of trolley bolt and hand tighten.

Final adjustments will be made after door is hung on track.

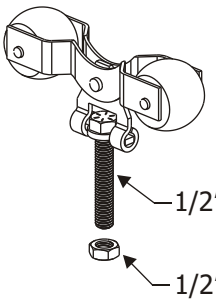
Trolley bolt can be rotated to adjust the space between the door post and door.

90° Door Trolley Assembly



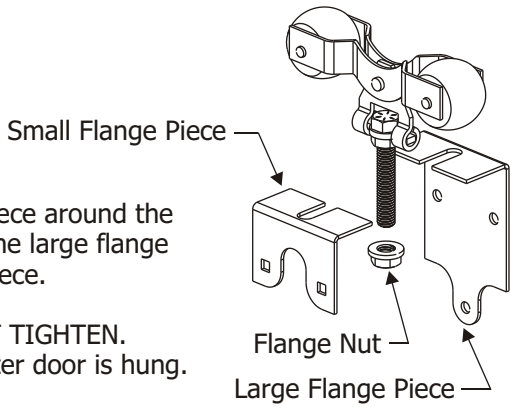
Measuring 11″ from the outside edge of door, drill two 3/4″ diameter holes approximately 3″ deep.

Clean out holes before proceeding.



Insert 1/2″ bolt through hole in trolley.

Thread 1/2″ nut all the way up on bolt. DO NOT TIGHTEN.



Slide the large and small flange piece around the 1/2″ bolt into the slots. Overlap the large flange piece on top of the small flange piece.

Screw on the flange nut. DO NOT TIGHTEN. Final adjustments will be made after door is hung.

Align trolley assembly over top of door with 1/2″ bolt going into drilled hole.

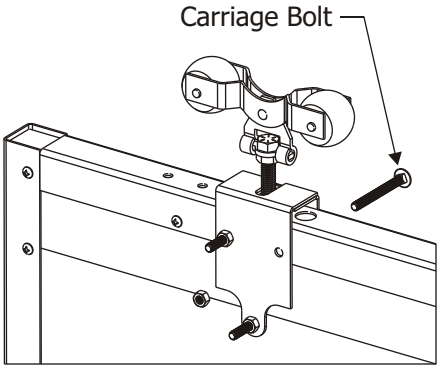
Adjust flange pieces to fit around door.

NOTE: The large flange piece will be on the outside face of the door and small flange piece towards the stall.

Drill 5/16″ hole completely through door at hole locations in the large flange piece.

Insert carriage bolts from the stall side of door through drilled holes in door.

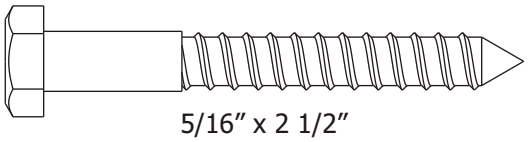
Attach nuts and tighten.



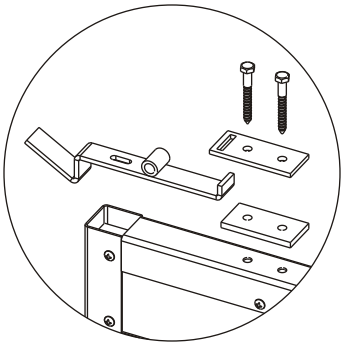
Hang door and make any adjustments with the 1/2″ nut and flange nut.

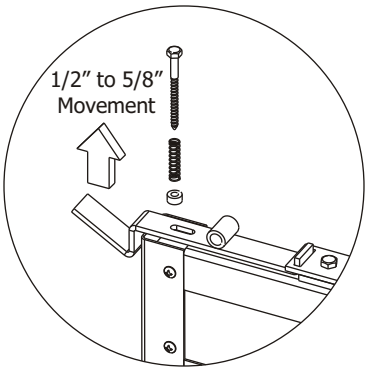
Door Latch/Handle Assembly

Position latch spacer, latch arm and latch plate on top of door with leg of latch arm fitting into slot of latch plate. Align with holes on top of door and fasten with provided 5/16" x 2 1/2" lags.



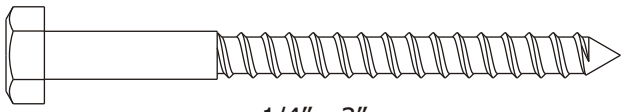
5/16" x 2 1/2"





Slide latch spring over 1/4" x 3" lag then nylon washer.

Fasten screw through slot in latch arm allowing latch arm 1/2" to 5/8" vertical movement.



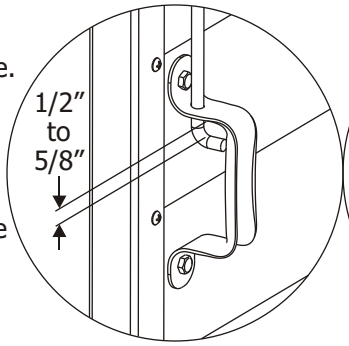
1/4" x 3"

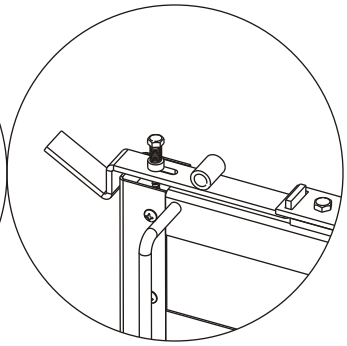
Feed short leg of lifting rod through hole in top of handle.

Insert long leg of lifting rod into boss of latch arm.

Position handle on door so lifting rod is plumb and there is a 1/2" to 5/8" gap between top of the lifting rod to the top of the inside of the door handle.

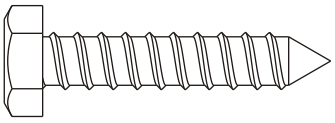
Mark position of door handle.





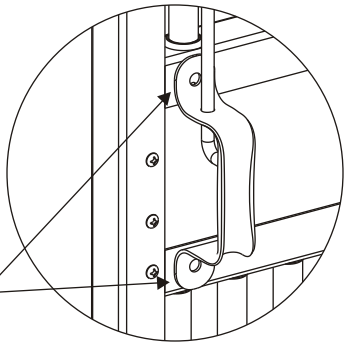
Remove lifting rod from handle and latch arm. Attach handle at marked location with 5/16" x 1 1/2" lags.

*** For full grill doors**, the handle will be located on the channel face. SS1 screws may need to be removed to allow handle to sit flat. Pre-drill holes at handle location into front face of channel. Attach handle with 5/16" x 1 1/2" lags.

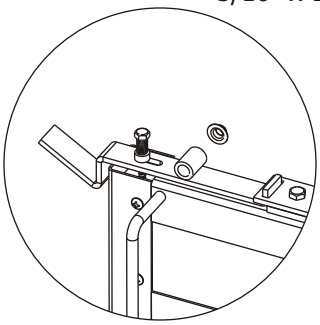


5/16" x 1 1/2"

If necessary, remove SS1 screws then pre-drill holes.



Full Grill Door



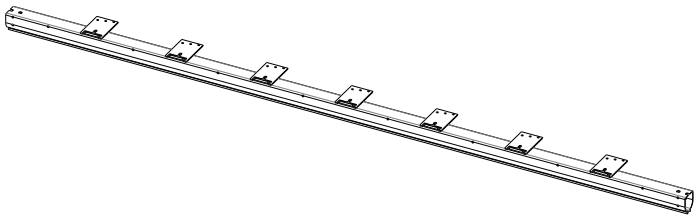
Re-insert short leg of lifting rod into hole in handle.

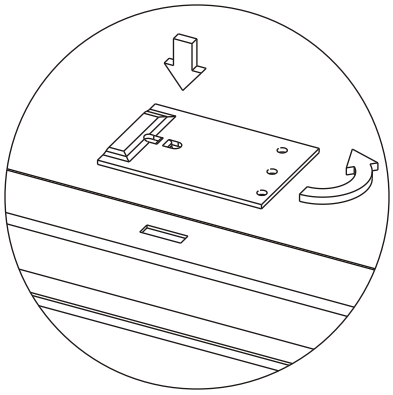
Fit long leg of lifting rod into boss of latch arm then attach lifting rod push cap onto end.

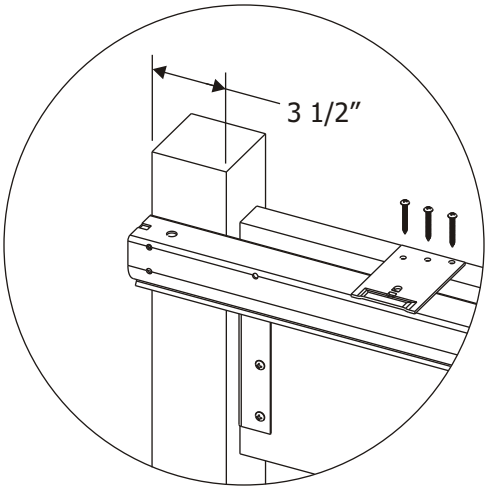
Track Installation

Insert tabs on track bracket into slots on top of round track.
Note: Brackets will not be painted even with a black track.

Rotate track bracket 90° to engage tabs into round track. A rubber mallet or block of wood and hammer may be necessary to turn track bracket.



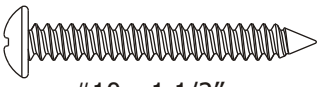




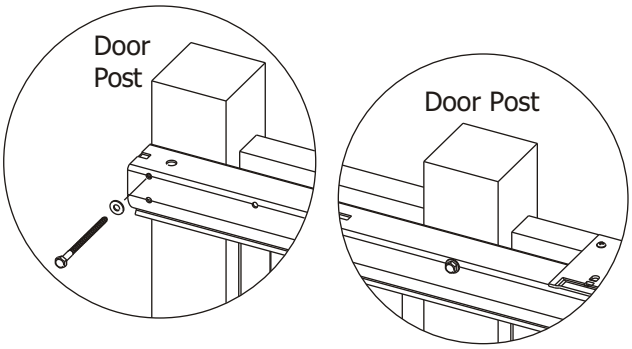
Place track with attached brackets on top of 2 x 12 and against face of posts. Edge of track should be approximately 3 1/2” from door opening edge of post (flush with outside edge of 4x4).

Before track is set, make sure holes in track align with door posts for the 1/4” x 4” lags.

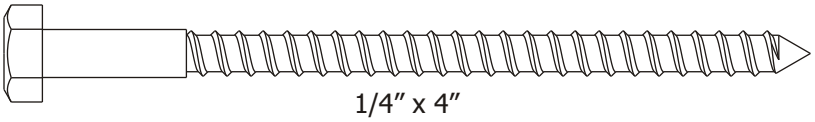
Using #10 x 1 1/2” pan head screws provided, fasten track brackets to top edge of 2 x 12 through holes in track brackets.



#10 x 1 1/2”



Fasten (2) 1/4” x 4” lags with washers through hole along top edge of track at door posts locations.



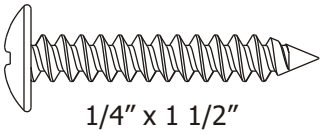
1/4” x 4”

5/8” O.D. X 1/4” I.D.
Washer

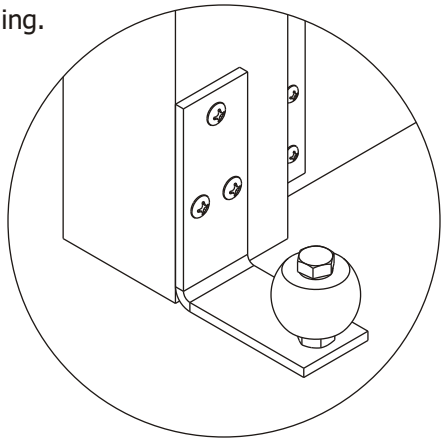
Door Stay Attachment

Set door stay down on floor and against post aligned with edge of door opening.

Fasten with 1/4" x 1 1/2" screws.

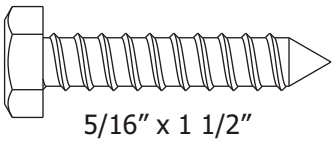


1/4" x 1 1/2"

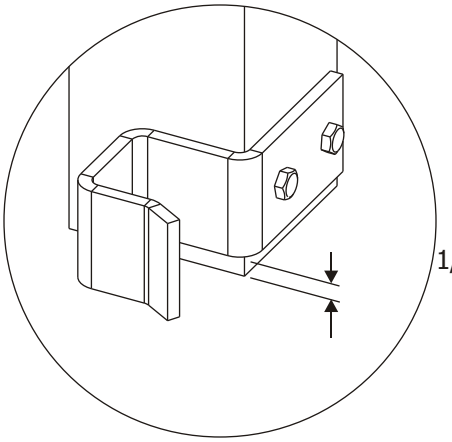


Post Bumper Attachment

Attach post bumper to bottom of corner post approximately 1/2" above floor with provided 5/16" x 1 1/2" lags.



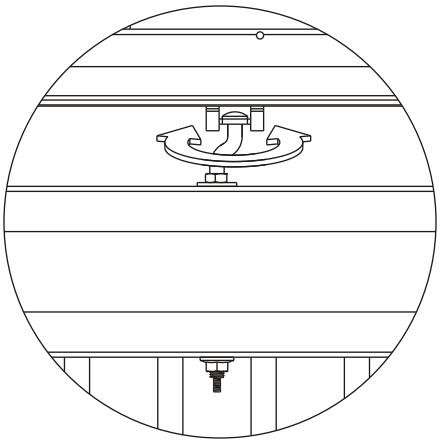
5/16" x 1 1/2"

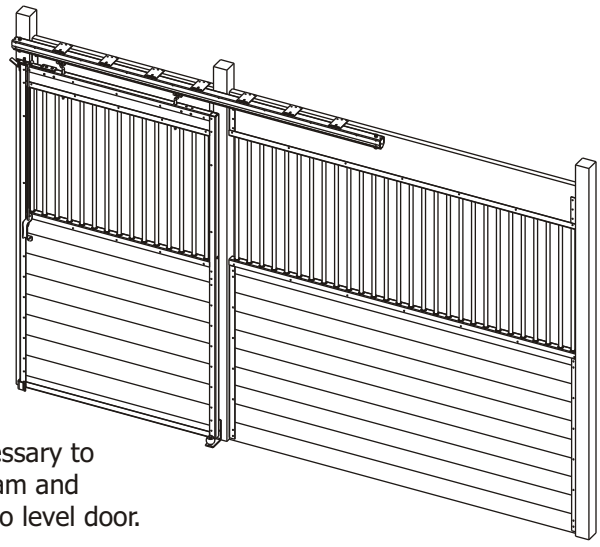


Hang Door

Slide rollers into end of track and roll door to closed position.

Adjust door for smooth operation.





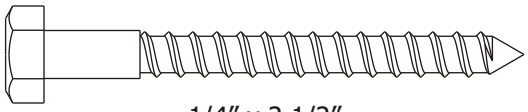
Twist trolley bolt as necessary to plumb door and adjust jam and flange nuts up or down to level door.

Latch Catch Installation

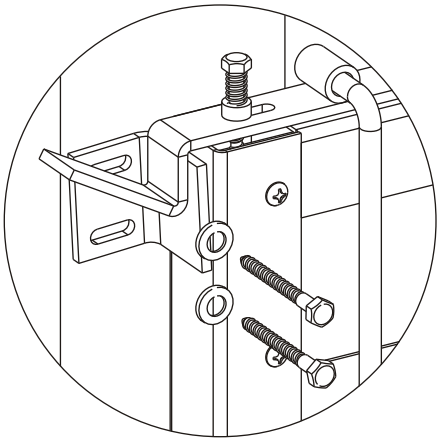
Close door until it is approximately 1/8” from post bumper.

Place latch catch against post and angled slightly between door and latch arm.

Fasten latch catch to post with provided latch catch washers and 1/4” x 2 1/2” lags.

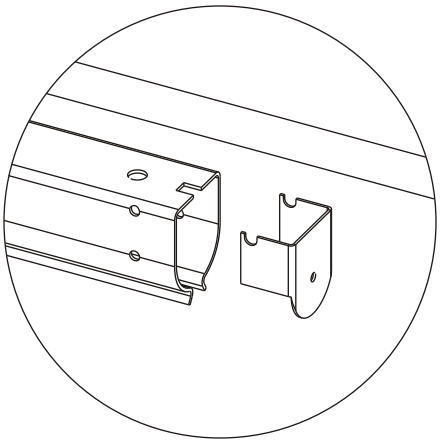


1/4” x 2 1/2”



Track End Cap Installation

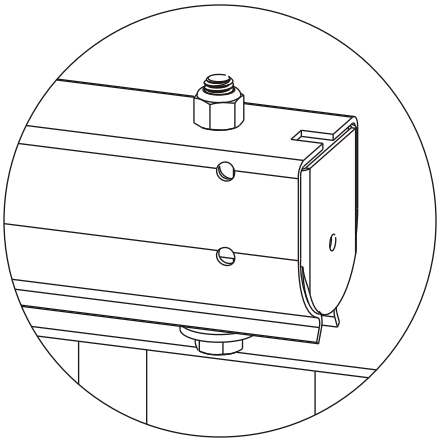
Snap in track end caps on both ends of track.



Track Stop Installation

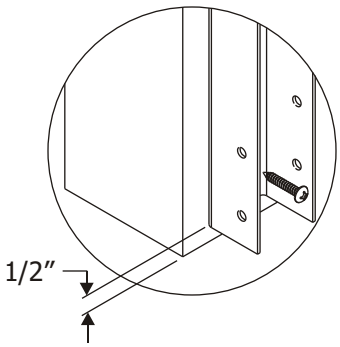
On end opposite of latch, slide washer onto 3/8” x 3 1/2” bolt then feed bolt up through bottom opening in track and through hole in top of track.

Fasten with lock nut.



Partition Assembly - Grilled

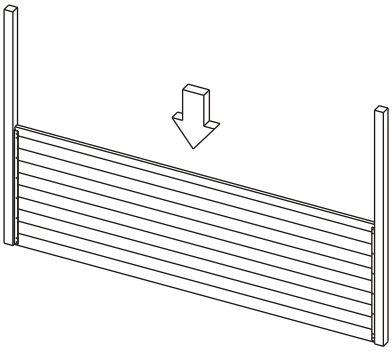
Place 46 1/2" U-channels 1/2" above floor and centered on posts or on outside wall.



Check that channels are level and plumb.

Fasten with provided SS1 screws through holes in channel.


SS1 Screw

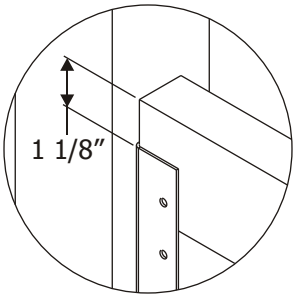


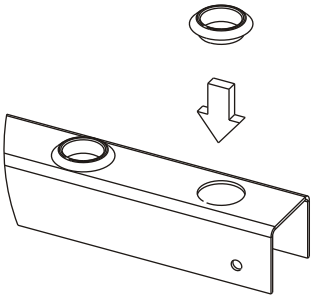
Cut lumber 1/4" to 3/8" less than the distance measured between the inside faces of the U-channel.

Slide first board down to the bottom of the U-channel ensuring that it is level. Pressure treated lumber can be used for the bottom of the stall wall. When pressure treated lumber is used, proper coated screws must be used.

Secure bottom board with provided SS1 screws before installing the remaining boards.

Install remaining boards ensuring the last board is 1 1/8" above the U-channels. It may be necessary to rip a board to achieve the correct height.





Firmly press in rubber grommets into holes on the top and bottom grill channels.

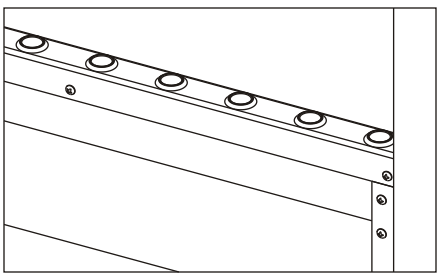
10' partition wall requires one 6' and one 4' grill channel.
12' partition wall requires two 6' grill channels.
14' partition wall requires one 6' and two 4' grill channels.
* Wall sections over 12' will require a 4 x 4 center support post.

Install the 6' channel first by butting it up against the post

Place bottom grill channel over the last board so it rests on top of the U-channel.

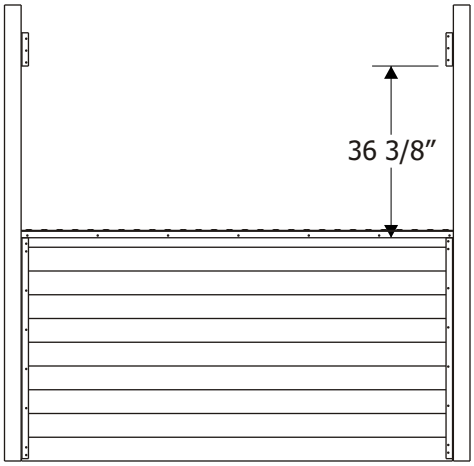
Install the 6' channel first by butting it up against the post then install the second channel. It may be necessary to cut the second channel for the appropriate distance.

Fasten with SS1 screws provided.

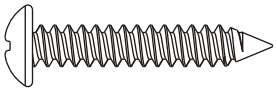


Partition Assembly - Grilled (cont.)

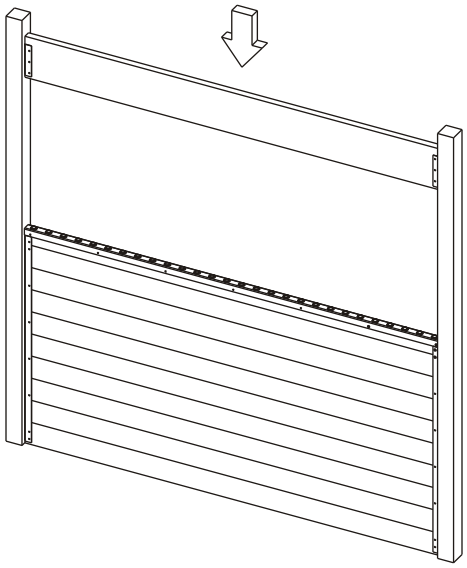
From the top of the 46 1/2" U-channel, measure up 36 3/8" and place a mark on the posts.



Place 7" U-channels against posts at the mark. Using a level or other type of straight edge, align 7" U-channel with 46 1/2" U-channel, then fasten to posts with provided SS1 screws.

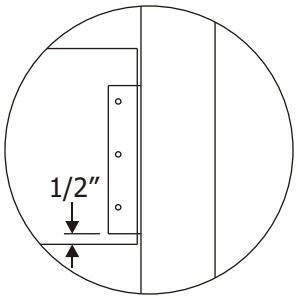


SS1 Screw



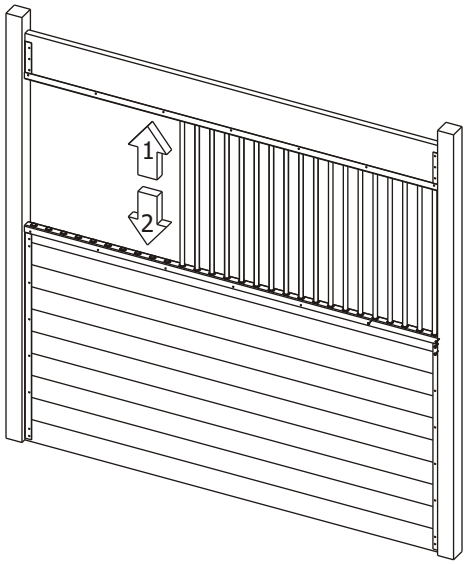
Insert a 2 x 12 board in the 7" U-channels allowing it to extend 1/2" below the 7" U-channels.

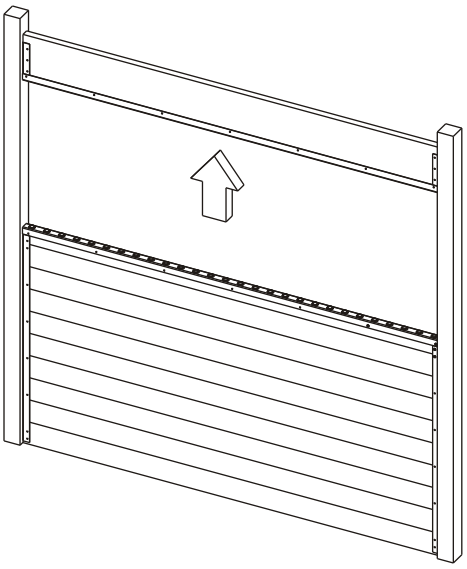
Use one SS1 screw at each end to temporarily hold the header board in place.



Place top grill channel over 2 x 12 and against bottom of 7" U-channel.

Using a couple of SS1 screws provided, temporarily fasten top grill channel to 2 x 12.

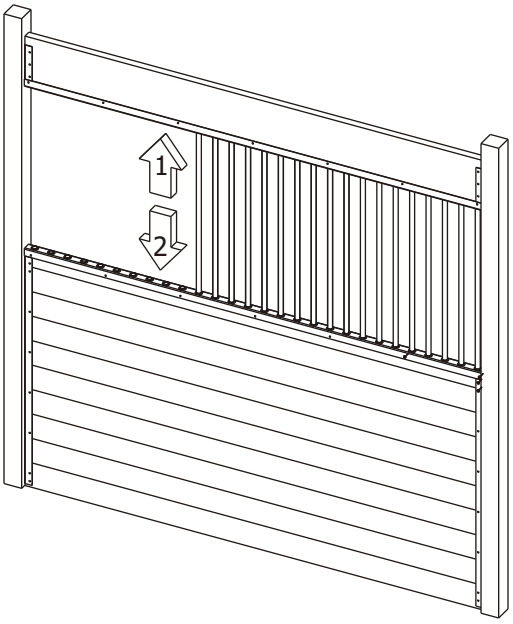




Starting at one end, first slide the gill bar up into the grommet in the top grill channel, second insert the grill bar into the grommet in the bottom grill channel.

Repeat until all the grill bars are inserted.

Partition Assembly - Grilled (cont.)



Starting at one end, first slide the gill bar up into the grommet in the top grill channel, second insert the grill bar into the grommet in the bottom grill channel.

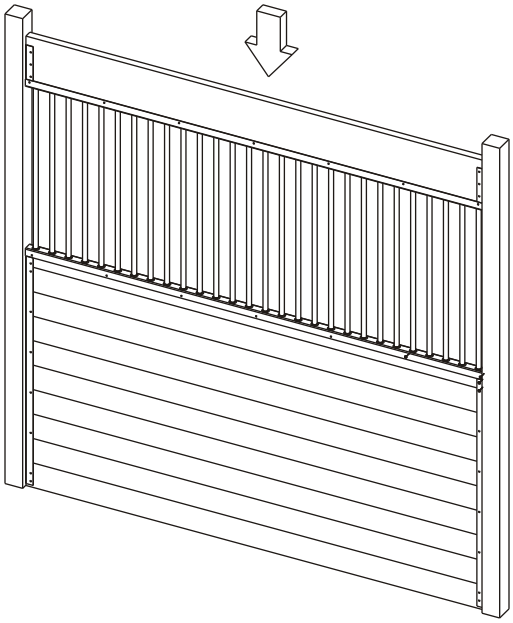
Repeat until all the grill bars are inserted.

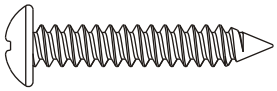
After all the bars are inserted, remove the temporary screws holding the top grill channel and 2 x 12 header board.

Push or pull down on the 2 x 12 header board until it sits down evenly on top of the grill bars.

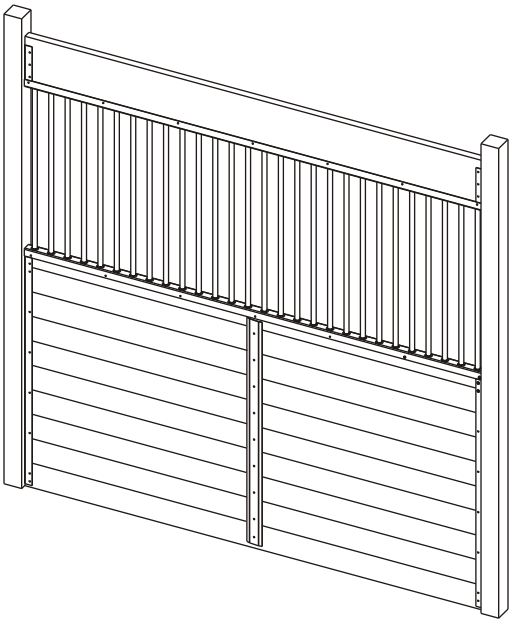
Make sure the top grill channel is up against the bottom of the 7” U-channel.

Secure the 2 x 12 header board and top grill channel with provided SS1 screws.





SS1 Screw



Center a 46 1/2” wall brace on the wall and fasten with SS1 screws.

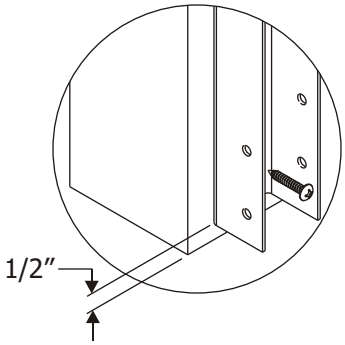
Place another wall brace on the opposite side of the wall offsetting it slightly from the previously installed wall brace so the screws will not interfere with each other when attaching.

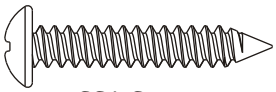
Partition Assembly - Solid

Place 94 1/2” U-channels 1/2” above floor and centered on posts or on outside wall.

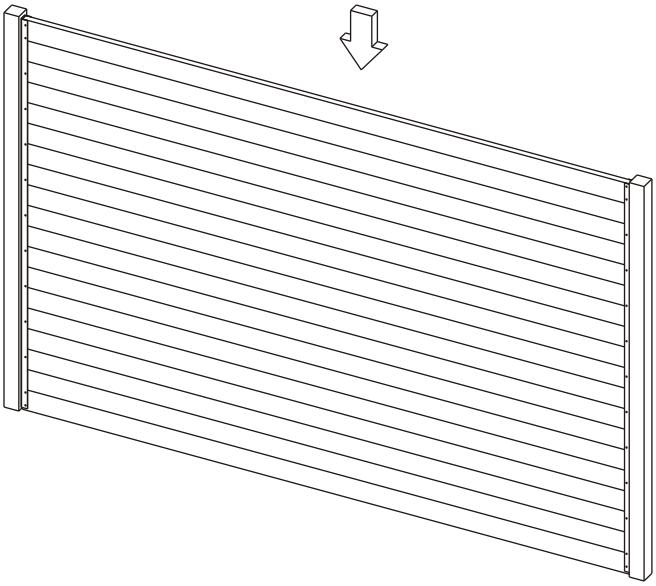
Check that channels are level and plumb.

Fasten with provided SS1 screws through holes in channel.





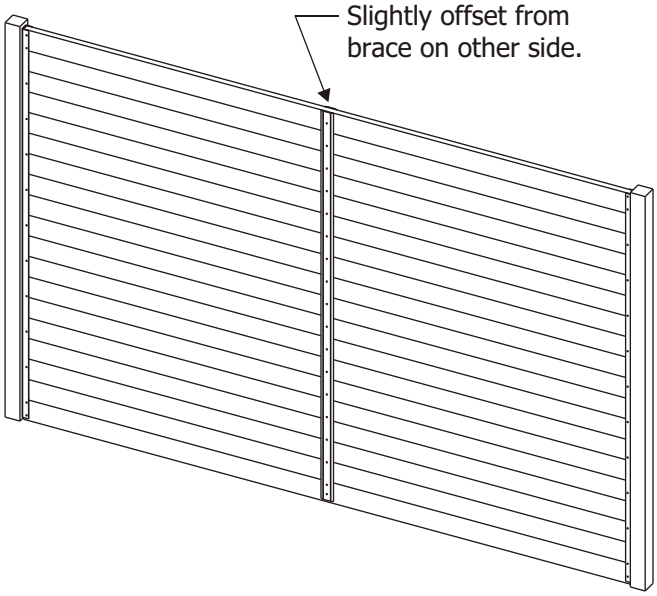
SS1 Screw



Cut lumber 1/4” to 3/8” less than the distance measured between the inside faces of the U-channel.

Slide first board down to the bottom of the U-channel ensuring that it is level. Pressure treated lumber can be used for the bottom of the stall wall. When using pressure treated lumber, proper coated screws must be used.

Secure boards with SS1 screws.

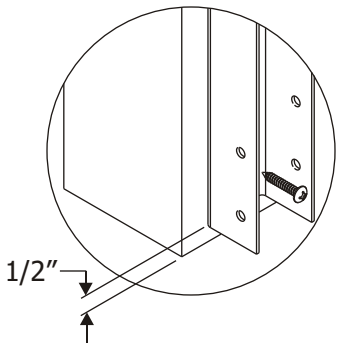


Center a 94 1/2” wall brace on the wall and fasten with SS1 screws.

Place another wall brace on the opposite side of the wall offsetting it slightly from the previously installed wall brace so the screws will not interfere with each other when attaching.

Partition Assembly - Privacy

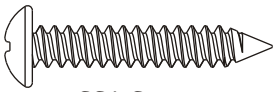
NOTE: These instructions are for a 48" grill. When using larger grills, cutting of the wall brace and other modifications may be necessary.

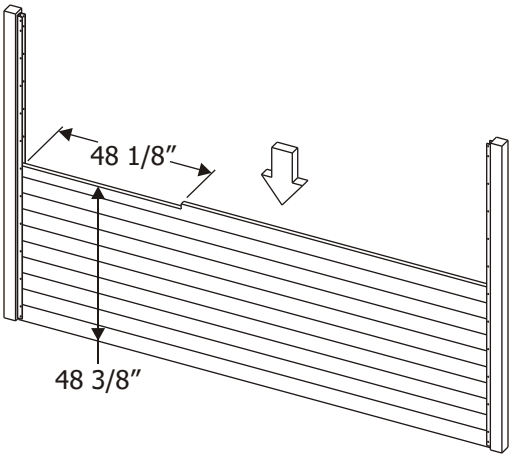


Place 94 1/2" U-channels 1/2" above floor and centered on posts or on outside wall.

Check that channels are level and plumb.

Fasten to post with provided SS1 screws through holes in channel.


SS1 Screw



Cut lumber 1/4" to 3/8" less than the distance measured between the inside faces of the U-channel.

Slide first board down to the bottom of the U-channel ensuring that it is level. Pressure treated lumber can be used for the bottom of the stall wall. When pressure treated lumber is used, proper coated screws must be used.

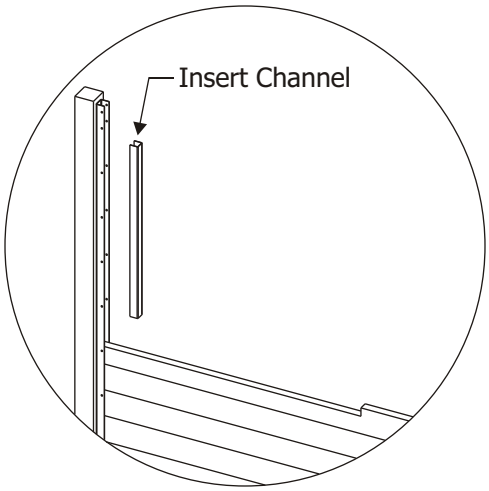
Secure bottom board with provided SS1 screws before installing the remaining boards.

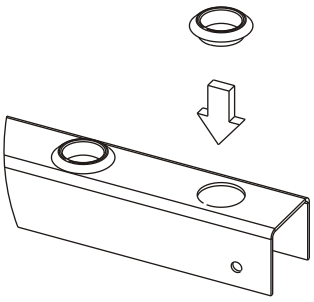
Slide in approximately 9 to 10 boards depending on the board width you are using.

Cut top board, as necessary, so top of board is approximately 48 3/8" from floor and 48 1/8" from edge of 94 1/2" U-channel.

Fit insert channel into 94 1/2" U-channel so face is flush with edge of 94 1/2" U-channel and bottom edge is resting on top of board.

DO NOT fasten insert channel to 94 1/2" U-channel at this time. Final adjustments will be made after grill is completely installed.

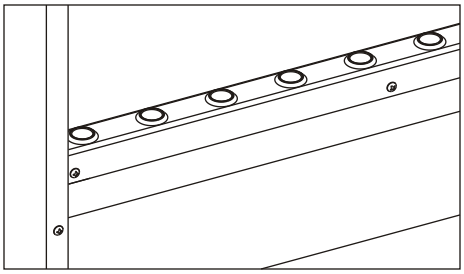




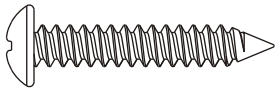
Firmly press in rubber grommets into holes for the top and bottom grill channels.

Partition Assembly - Privacy (cont.)

Place bottom grill channel over top board and against 94 1/2” U-channel.



Fasten with SS1 screws provided.



SS1 Screw

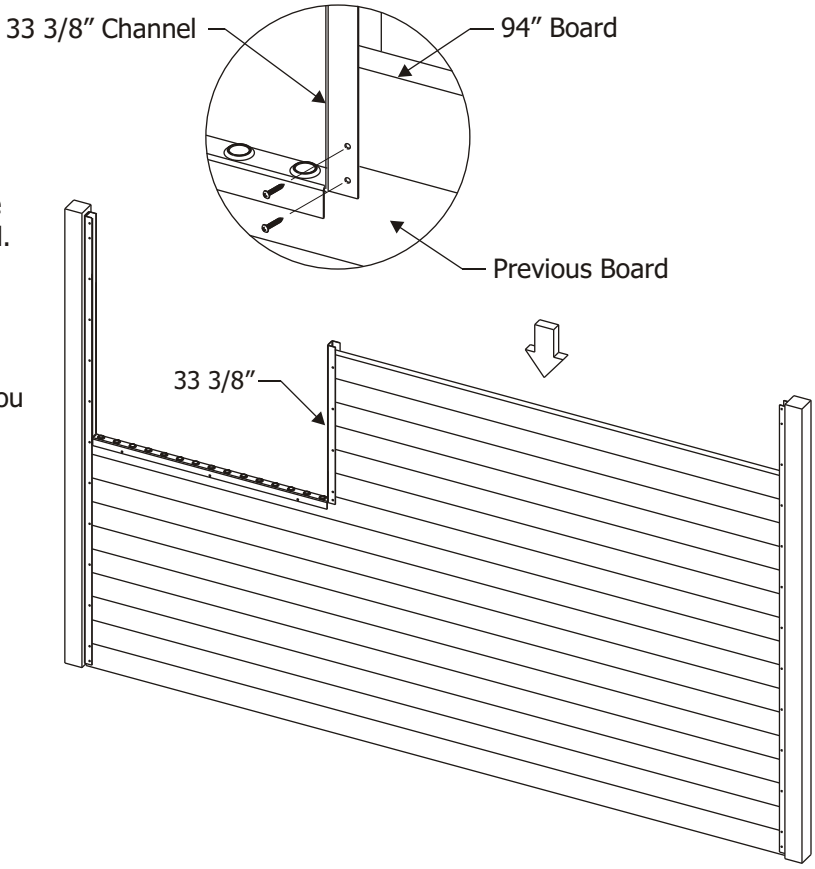
Cut a 46 1/2” U-channel to 33 3/8”.

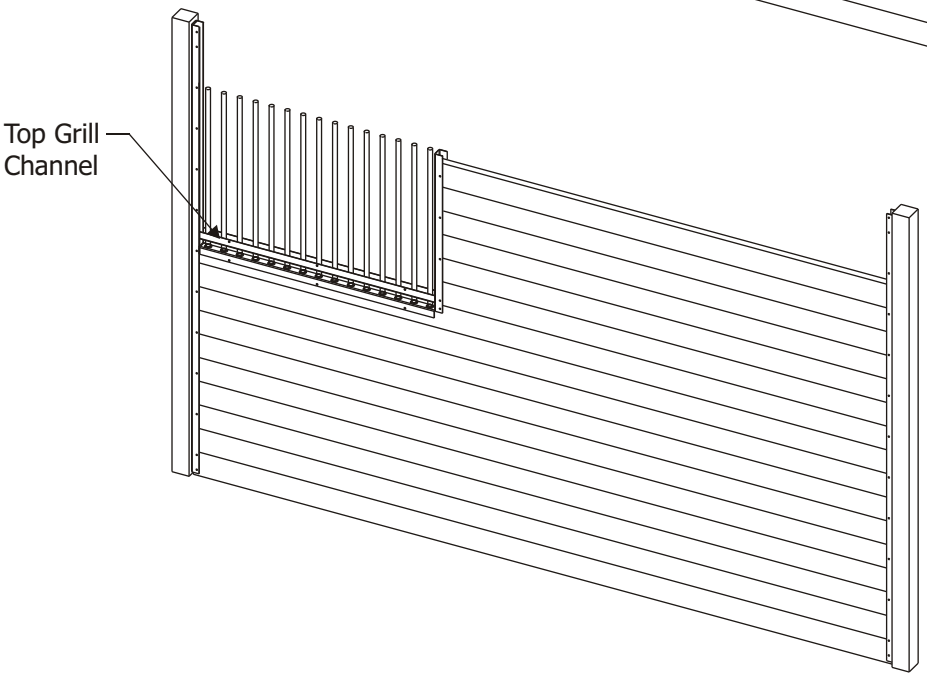
Cut 6 boards to 94” (for a 48” grill).

Set a cut board on top of the previous board and set the 33 3/8” U-channel down onto the end of the bottom grill channel and cut board.

Fasten U-channel to boards with SS1 screws to help hold in place.

Continue adding boards and SS1 screws as you work your way up. Be sure to keep channel plumb as you add boards.





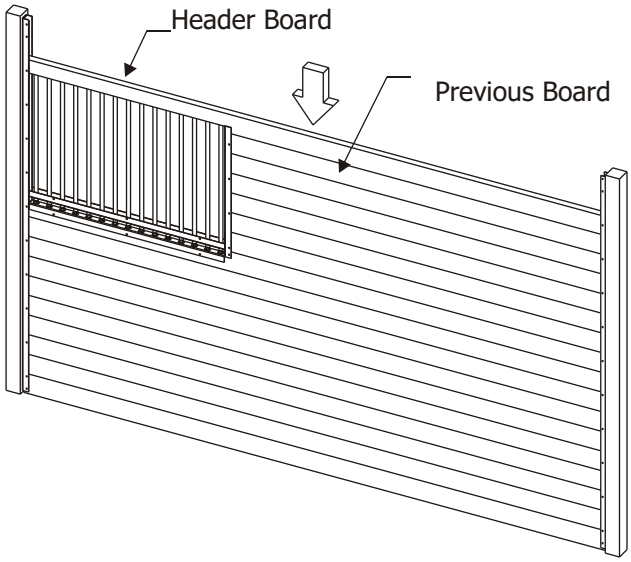
Align top grill channel over bottom grill channel.

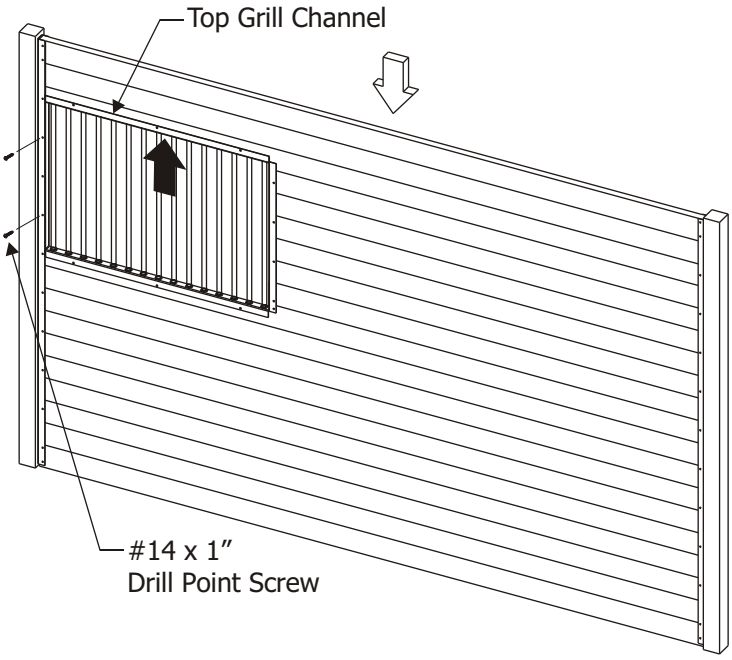
Slide grill bars through holes in top and bottom grill channel.

Partition Assembly - Privacy (cont.)

Add header board on top of grill bars and the previous board.

You may have to cut out the header board so it sits on the grill bars and previous board.



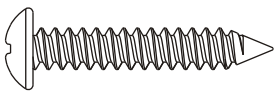


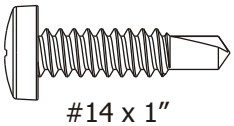
Slide top grill channel up onto header board and fasten with SS1 screws.

* TIP: Use soapy water or cooking spray on the grill tubes to aid in sliding the top grill channel up.

Check that insert channel is not showing any gaps at the top or bottom where it meets the grill channels. Secure with provided #14 x 1" drill point screws, 2 on both sides.

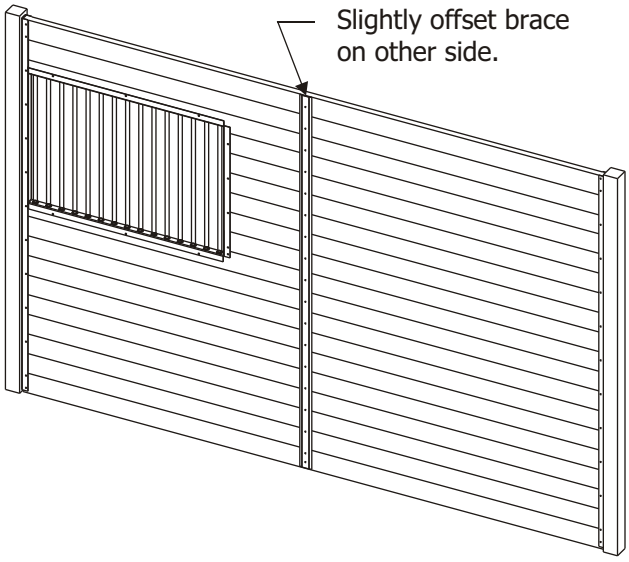
Add remaining 2 boards and be sure all boards are fastened to the U-channels with SS1 screws.


SS1 Screw


#14 x 1"

Center a 94 1/2" wall brace on the wall and fasten with SS1 screws.

Place another wall brace on the opposite side of the wall offsetting it slightly from the previously installed wall brace so the screws will not interfere with each other when attaching.

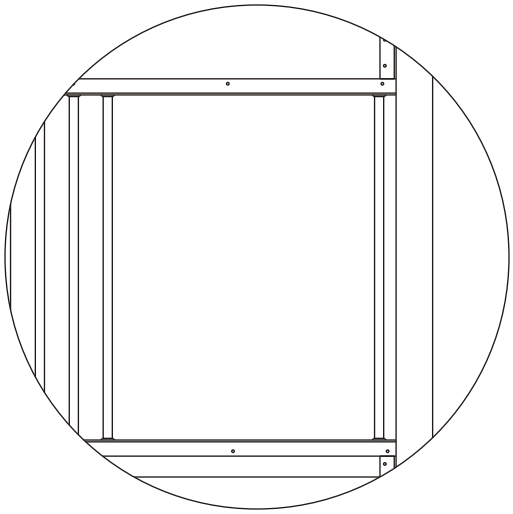


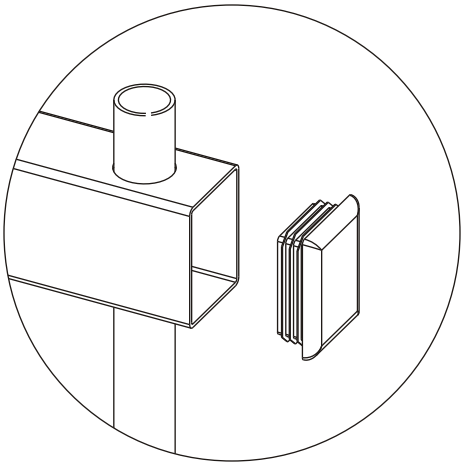
Feed Door/Feed Opening Options

Feed Door

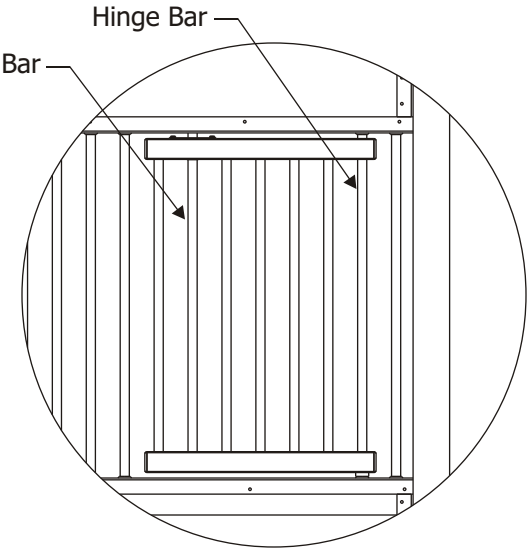
Decide where feed door is to be located in the grill.

Omit 7 grill bars from the grill section leaving at least one bar from the end.



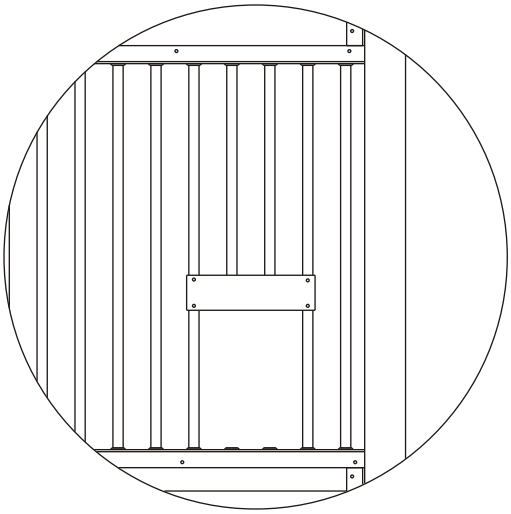


Insert supplied caps into ends of feed door tubes.



Insert top of hinge bar completely up into hole in top channel then set bottom of hinge bar down into hole in bottom channel.

Pull latch bar down and swing into place and latch into latch hole.



Feed Opening

Decide where feed opening is to be located.

Cut two grill bars to the desired length. Bars cut to 22" will give you approximately a 12" opening.

Slide feed opening over the two outer bars of the opening. Let the feed opening plate rest on the bottom grill channel.

Insert the two cut bars in the top grill channel and slide the feed opening up until it is tight with the two cut bars.

Use self-drilling screws to hold feed opening plate in place through holes in feed opening plate.