

PRO-LINE STALL ASSEMBLY INSTRUCTIONS

NOTE: All measurements are based on dressed wood sizes. Example 2" x 6" finished size is 1 1/2" x 5 1/2"

POST INSTALLATION

STEP 1

Refer to the overhead view to determine post locations for the size of stall that you have selected.

STEP 2

Install the corner posts first, being careful to stay within the distances A and D as given in the chart.

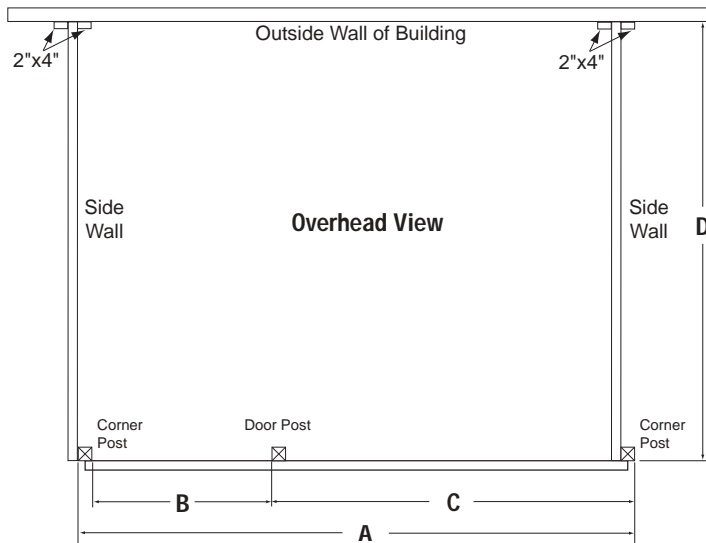
STEP 3

Install the door post to distance B to a tolerance of + or - 1/4".

NOTE: Make sure all posts are checks for plum and level on all sides.

STEP 4

Dimension C should be treated as the variable dimension for different size stalls, in this event it may be necessary to cut some of the grill components.



STALL ARRANGEMENTS USING 3 1/2" X 3 1/2" TRUE SIZE POSTS

10' STALL FRONT

A = 120"
B = 48"
C = 72"
D = 120"

12' STALL FRONT

A = 144"
B = 48"
C = 96"
D = 144"

Tip
Tip

TYPICAL STALL SIZES ARE 10'X10', 12'X12', 10'X12'. ANY SIZE STALL CAN BE MADE WITH THIS SYSTEM. Make sure to plan for additions to your stable ahead of time.

With all posts in place it is time to order your lumber and unpack the stall components. Review the assembly drawing to familiarize yourself with the names and locations of the parts. Do not mix the contents of the boxes. TO AVOID MISTAKES PERFORM EACH STEP IN THE SEQUENCE SHOWN.

FRONT WALL ASSEMBLY

STEP 1

CHECK POSTS INSTALLATION

Check that your posts meet the requirements as described in the posts installation section. Follow the Stall Cut Chart for your size of stall system.

10' STALL FRONT WOOD CUT CHART

DESCRIPTION	SIZE	QTY
LOWER WALL FRONT	2"x6"x72"	8
LOWER WALL FRONT	2"x4"x72"	1
(PRESSURE TREATED)		
LOWER HEADER	2"x6"x120"	1
UPPER HEADER	2"x10"x120"	1
POST FILLER	2"x4"x81 1/2"	1
GRILL POST FILLER	2"x4"x33 3/4"	1
DOOR STOP	2"x4"x6"	1
LATCH FILLER	2"x2"x8"	1
DOOR GRILL INSERTS	1 1/2"x1 5/8"x33"	1
DOOR BOARDS	2"x6"x50 1/2"	10

12' STALL FRONT WOOD CUT CHART

DESCRIPTION	SIZE	QTY
LOWER WALL FRONT	2"x6"x96"	8
LOWER WALL FRONT	2"x4"x96"	1
(PRESSURE TREATED)		
LOWER HEADER	2"x6"x144"	1
UPPER HEADER	2"x10"x144"	1
POST FILLER	2"x4"x81 1/2"	1
GRILL POST FILLER	2"x4"x33 3/4"	1
DOOR STOP	2"x4"x6"	1
LATCH FILLER	2"x2"x8"	1
DOOR GRILL INSERTS	1 1/2"x1 5/8"x33"	1
DOOR BOARDS	2"x6"x50 1/2"	10

STEP 2

LOWER FRONT WALL INSTALLATION

Install the 2" x 6" board (recommend it be pressure treated) at the bottom of the wall and flush with both the inside door post and outside wall post, using 3 1/2" spiral nails or wood screws. (nails or screws are not supplied)

Then install the remaining 2"x6" boards ensuring that they do not exceed the required height of 47 1/2". Do not completely secure the final board until you complete step 4.

SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

STEP 3

POST FILLER INSTALLATION

Install the 82" post filler on the post the door closes towards.

SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

STEP 4

INSTALLING GROMMETS IN GRILL CHANNELS

Install the rubber grommets for both the bottom grill channel and the

corresponding top grill channel.

NOTE: Use a soft face mallet or your fingers to install the rubber grommets into place.

STEP 5

GRILL SECTION AND LOWER HEADER INSTALLATION

a) Draw a horizontal line across the top wall board at a height of 46 1/2" from the floor. Then place the first grill channel 3/4" from the edge of the door opening side of the door post and align the bottom with the 46 1/2" line on the top wall board (use screws supplied to hold in place). Butt the next grill section to the first. Trim any access channel so it ends halfway on the outside corner post. Now you can secure the top wall board in place.

b) Tack securely in place the 2"x6" lower header board at a height of 34 1/4" above the top of the bottom grill channel.

c) Place the top grill channel on top of the bottom grill channel with the open end facing up. Insert the grill bars through the top grill channel into the bottom grill channel. When all the grill bars are in place for that section, line up the top grill channel with the lower header and slide the top grill channel up and secure to the lower header. You may be required to pull out the bottom of the lower header board to be able to slide the top grill channel up in to place. You may require assistance with this step. Do one section at a time. SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

STEP 6

UPPER HEADER INSTALLATION

Install the upper header in place directly above the lower header.

STEP 7

POST FILLER INSTALLATION

Install the grill post filler between the top and bottom grill channels. SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

STEP 8

DOOR TRACK BRACKET INSTALLATION

The brackets are to be installed at a height of 94" to the center of the bolt hole. NOTE: Use the 1 1/2" lag bolts for the end track bracket installation and 2 1/2" lag bolt for the center track bracket. SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

STEP 9

DOOR TRACK INSTALLATION

Slide the track in to the track brackets. Track should finish approximately flush with the outer edges of the end track brackets. Secure track to bracket at the door end by drilling two 1/4" holes through the center of the bracket and through both sides of the track, then hammer a 3 1/2" nail through the hole and into the header board. CAUTION: be careful not to crush the door track when nailing. Repeat the drilling process for the other end track bracket **BUT DO NOT SECURE WITH A NAIL AT THIS TIME.**

STEP 10

STAY ROLLER INSTALLATION

Secure the stay roller to the center of the door post with the screws provided.

STEP 11

LATCH FILLER INSTALLATION

SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

COMPLETE THE ASSEMBLY OF THE DOOR BEFORE CONTINUING.

STEP 12

DOOR INSTALLATION

Take the fully assembled door and, with assistance, lift it up and place the trolleys into the door track roll it to the fully closed position.

STEP 13

DOOR STOP INSTALLATION

SEE FRONT VIEW ILLUSTRATION FOR LOCATION DETAILS

SIDE WALL ASSEMBLY

STEP 1

SOLID PARTITION WALL INSTALLATION

It takes seventeen 2" x 6" boards plus one 2" x 6" board (recommend it be pressure treated) to make a solid partition wall. When the length of the wall is over 10', you should use a metal wall brace or a 2" x 6" brace. NOTE: place the 2" x 6" board on the bottom.

STEP 1

GRILLED PARTITION WALL INSTALLATION

This is very similar to installing the front wall section except for the length of the boards which is up to you. Cut eight 2"x6" boards to the desired length and one 2"x4" pressure treated board. Then refer to step 2 through to step 6 of the front wall assembly for guidance.