## Freestanding PSSE Stall Bar Assembly Instructions

## **Included Hardware and Materials:**

- (A): [38] 1.5" black #8 screws
- (B): [4] 2" barrel bolts with cap screw
- (C): [6] 2.5",  $\frac{1}{4}$  x 20, pan head bolts
- (D): [8] 1",  $\frac{1}{4}$  x 20, pan head bolts
- (E): [6] flat washers
- (F): [6] lock washers
- (G):  $[6] \frac{1}{4} \times 20 \text{ nuts}$
- (H):  $[6] \frac{1}{4} \times 20$  rounded cap nut
- (I): [2] black corner brackets
- (J): [2] side uprights (left and right), 90"
- (K): [2] back plates, 34"
- (L): [13] hardwood oval rungs, 33.375"
- (M): [2] diagonal supports
- (N): [1] base back support
- (O): [2] base legs (left and right)
- (P): [2] weight bags

## **Tools Required:**

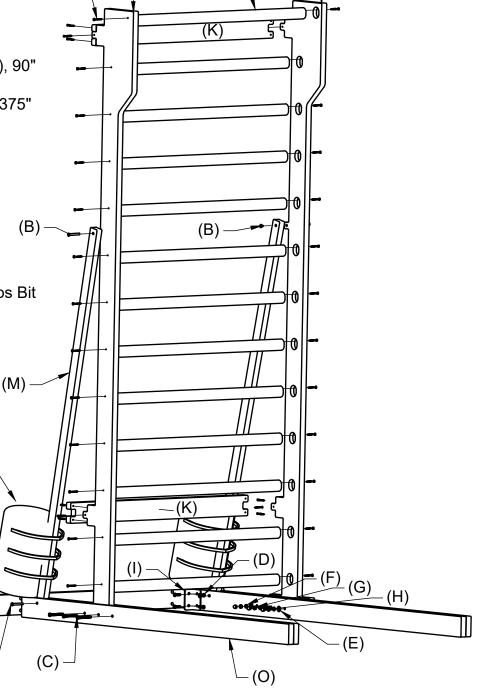
• Electric Drill or Impact with Phillips Bit

(P)

(B)

(N)

- Wood Glue
- Tape Measure
- $\frac{7}{16}$ " Wrench
- Phillips Screw Driver



(J) -

(L)

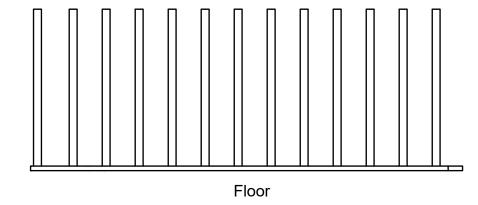


STEP 1: Place (J) upright on the floor with holes facing up.

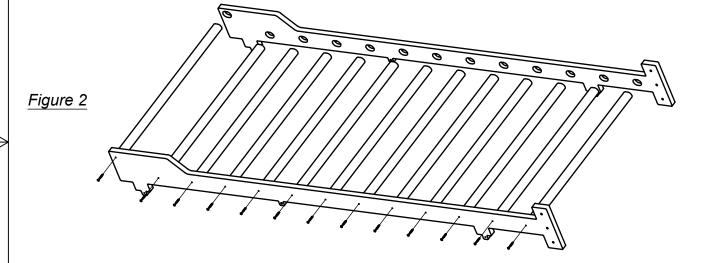
Figure 1

Figure 3

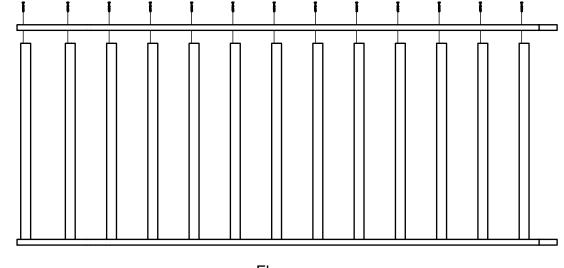
\*Recommended: Add a small amount of wood glue in each hole and spread to prevent running. Insert each of the 13 oval dowels fully into the holes



**STEP 2:** Gently place (J) upright on its side and start inserting (A) black 1.5" screws into each of the pre-drilled holes securing all 13 oval dowels to (J) upright.



**STEP 3:** Add glue to second upright pockets and spread lightly. Rotate (J) upright on its side (dowels facing up) and align the second (J) upright into all holes and insert (A) black 1.5" screws into each of the pre-drilled holes securing all 13 oval dowels to (J) upright.

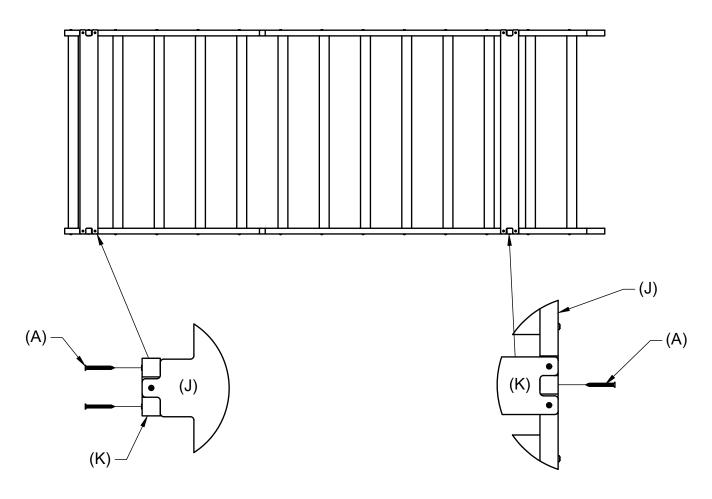


**STEP 4:** Once all dowels are secured, measure the width of the assembly and confirm 34" at top, middle, and bottom. If the assembly is larger than 34" then all dowels are not seated fully. Loosen, seat fully, and re-tighten screws. Measure to confirm correct dimensions.

Note: Due to our tight tolerances, dowels can be tapped with a wood block or rubber mallet to fully seat if necessary.

**STEP 5:** Place assembly facing down in order to install (K) backplates. Two black 1.5" screws are required at each of the (4) locations from the back and one black 1.5" screw is required from the side of the finger joint. (*Flgures 4 & 5*)

Note: Confirm logo is right side up



Back (Figure 4)

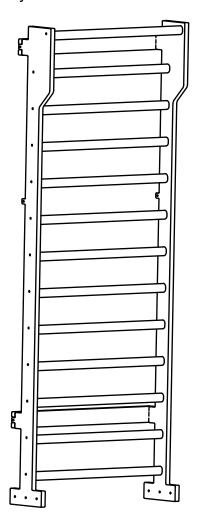
[2] black (A) 1.5" screws installed from back of backplate.

Side (Figure 5)

[1] black (A) 1.5" screw installed from side of finger joint.



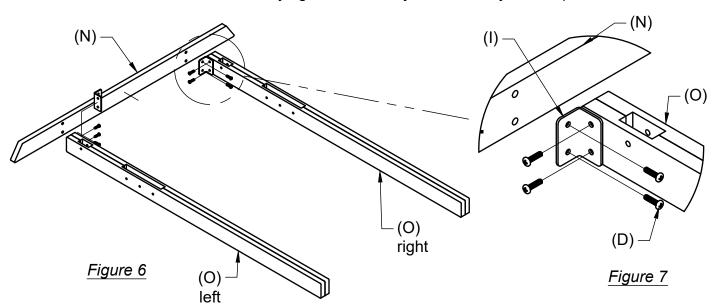
STEP 6: Set upright assembly to the side.



## **STEP 7:** Base assembly:

Locate (O) left and right making sure that the pre-drilled holes for (I) are on the inside of the assembly. Install (I) angle bracket to the inside of (O) by inserting two of the (D) 1" bolts. Once both sides are installed, align (N) holes with the (I) angled brackets and insert the remaining (D) 1" bolts. (Figures 6 &7)

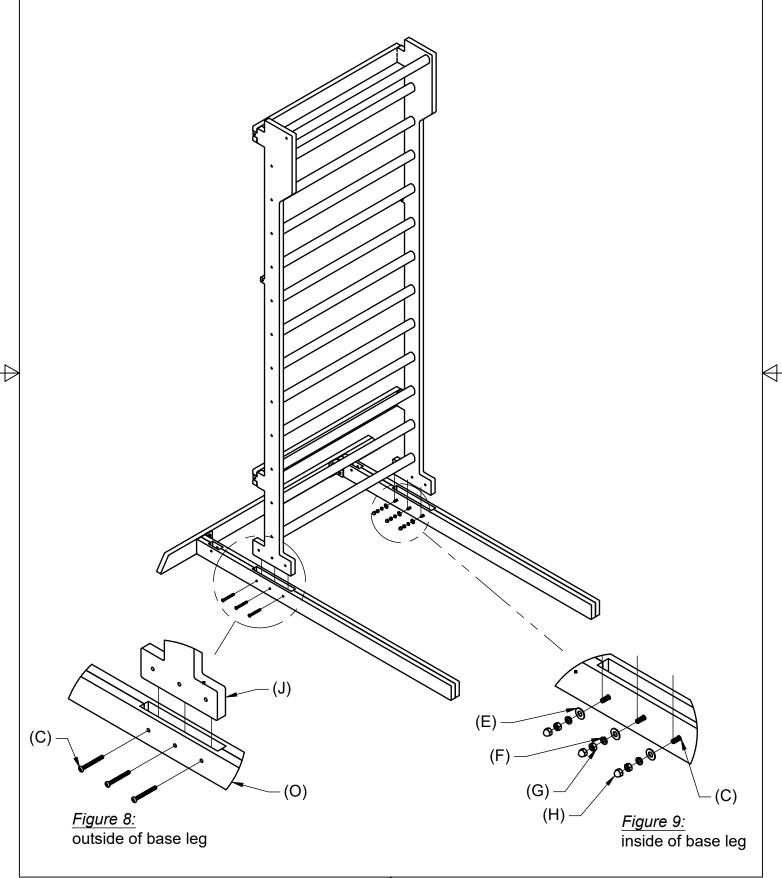
Note: Do not fully tighten assembly until the very last step.



 $\downarrow$ 

**STEP 8:** Locate the upright assembly, insert into the slots of the base assembly, and insert three (C) screws into each (O) base leg from outside to inside. (*Figure 8*). From inside of leg install the hardware in order (E) (F) (G) (H). (*Figure 9*).

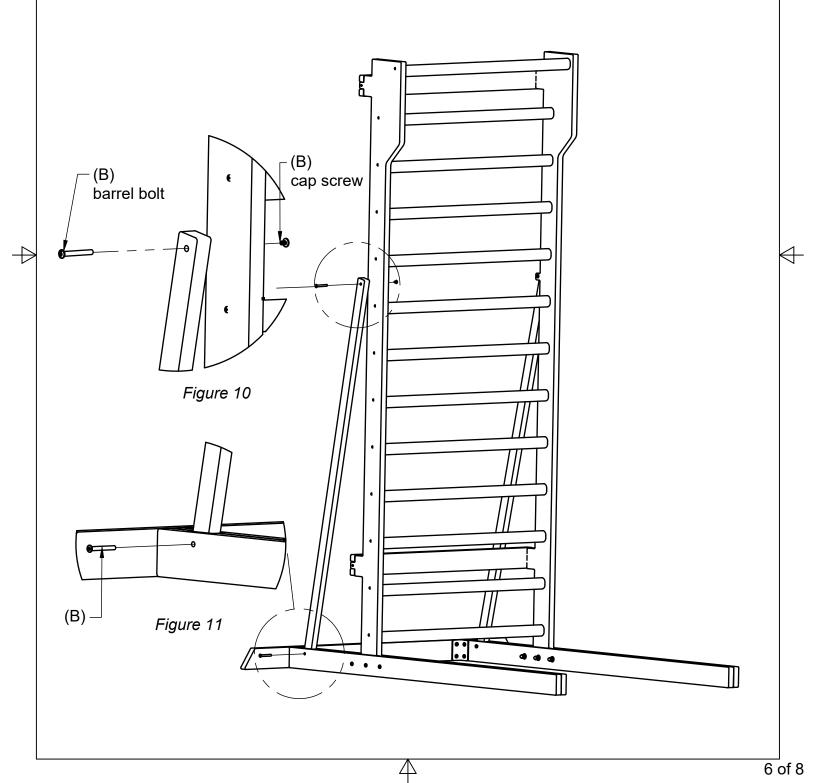
Note: Do not fully tighten assembly until the very last step.

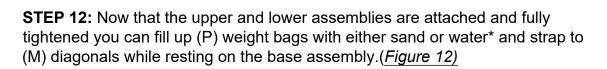


**STEP 9:** Locate (M) diagonal supports and insert into the slot located on the back of the base assembly. Starting from the base insert the (B) barrel bolt from outside to inside and screw in cap screw. Repeat on second side. (*Figure 11*)

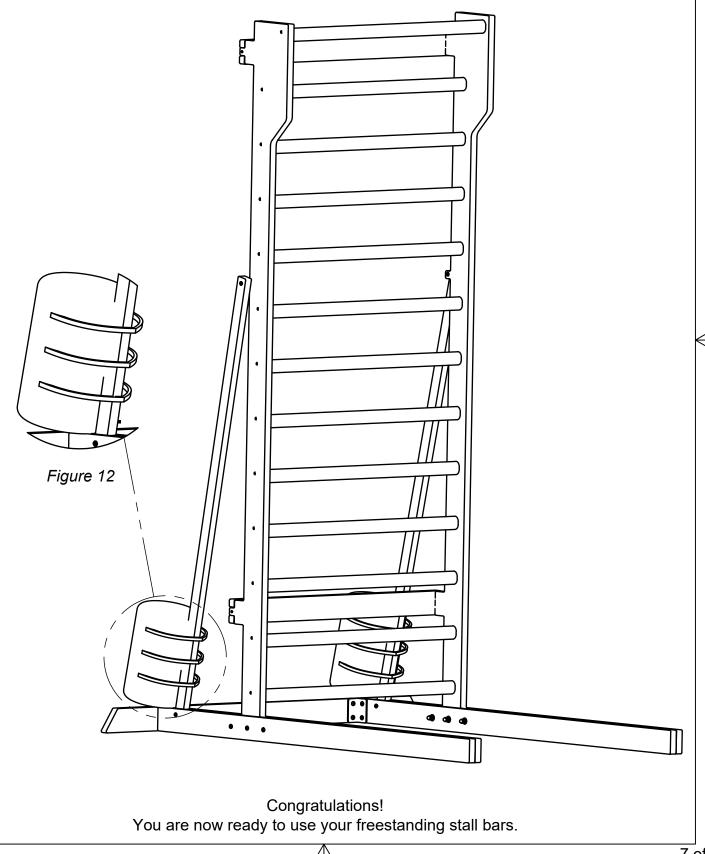
**STEP 10:** Align the (M) diagonal on the outside of the (J) hole and insert (B) barrel bolt and corresponding cap screw. Repeat on second side. (*Figure 10*)

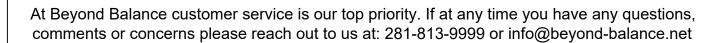
STEP 11: Tighten all hardware completely.





\*If using water, remove and empty after each use.









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