

ASSEMBLY INSTRUCTIONS: CHAIR BENCH 2 FOOT LENGTH 400501

1. Unpack and lay out pieces to assemble. Verify that the parts, quantity, and dimensions match those on the enclosed bill of material.
2. Begin by loosely assembling the bench end castings to the “back” support tube. See diagram 1.
3. Lay one 100029 end casting “back” side down and attach the “back” support tube 100035. Place the support tube into the “back” receiving hole of the casting and fasten with a 1/2 x 1 1/2 cap screw through a plastic spacer, through the casting, and into the threaded end of the support tube. See diagram 1. Hand snug the cap screw – do not tighten.
4. Lay the second 100029 end casting “back” side down and attach the “back” support tube 100035 following the same procedure as step 3.
5. Place a bull nose board (best side facing you) nose down, into the lower pocket of one end casting and then into the lower pocket of the other end casting. May need to spread the end castings outward at upper ends in order to get board in between the end casting flanges. This can be accomplished by loosening the cap screws a little. See diagram 2.
6. Continue to place boards into one pocket of an end casting and then into the other pocket in the order shown until last board for seat is in place. Keep best side facing out. Keep boards in front of the support casting(s). Make sure that boards center between the lugs on the support casting(s)
7. Install the “front” support tube 100035 between the two end castings seating the tubing in the radius portion of the support casting(s) and fasten with a 1/2 x 1 1/2 cap screw through a plastic spacer, through the casting, and into the threaded ends of the support tube. See diagram 3.
8. Hand snug all cap screws to square up the frame made by the tubing and end castings.
9. Set the bench upright to finish the assembly.
10. Place a bull nose board (best side facing out) nose down, into the lower pocket of one end casting and then into the lower pocket of the other end casting. Make certain that the support casting is behind the board. May need to spread the end castings outward at upper ends in order to get board in between the end casting flanges. This is accomplished by loosening the cap screws slightly. See diagram 3.
11. Continue to place boards into one pocket of an end casting and then into the other pocket in the order shown until last board for back is in place. Keep best side facing out.
12. Tighten the four cap screws to secure the end castings to the support tubes. Make certain that the alignment between the end castings is plumb when tightening so bench doesn’t rock.
13. The bench is now ready for mounting. Mounting is shown in diagram 4.

DIAGRAM 1: END CASTING AND SUPPORT TUBE ASSEMBLY 400501 BENCH

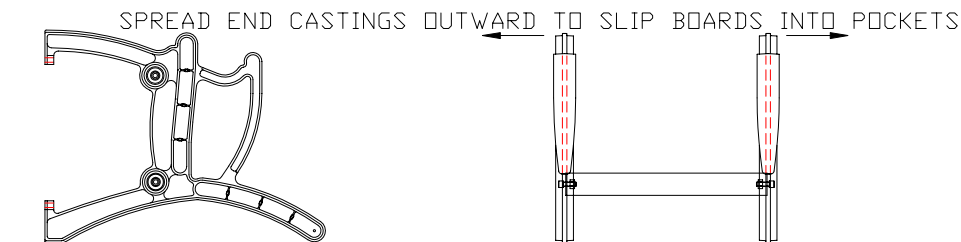


DIAGRAM 2: PLACING AND FASTENING “SEAT” BOARDS IN PLACE 400501 BENCH

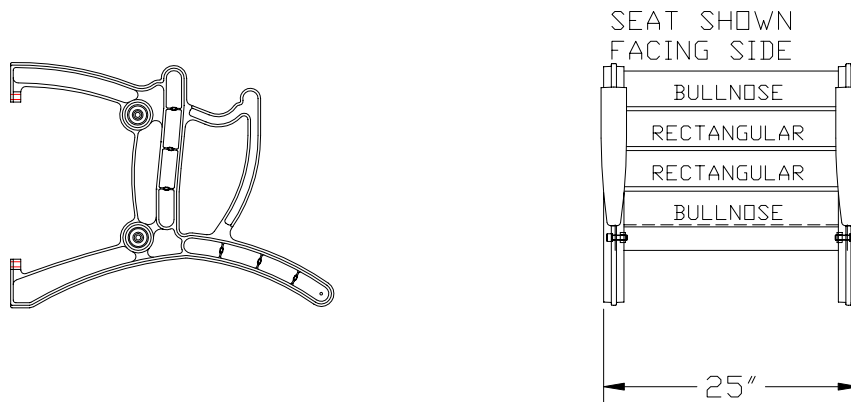


DIAGRAM 3: PLACING AND FASTENING “BACK” BOARDS IN PLACE 400501 BENCH

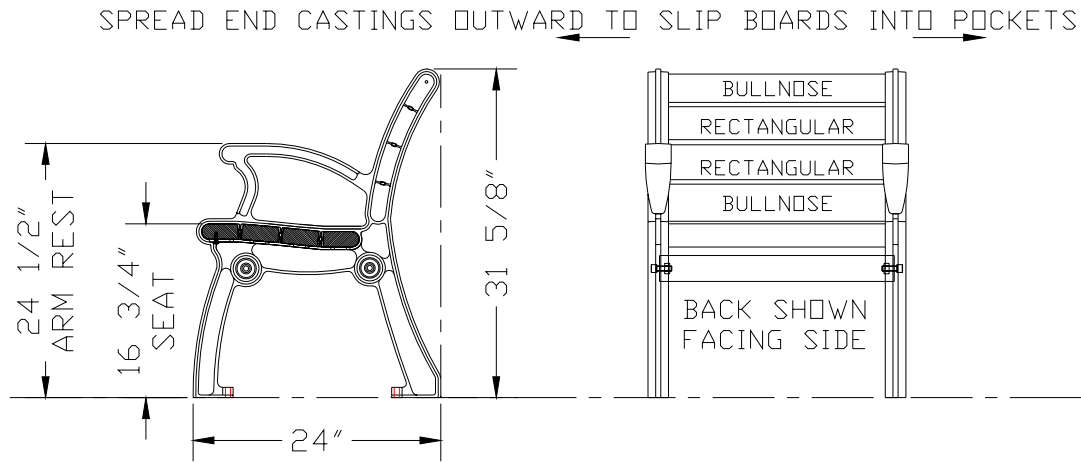
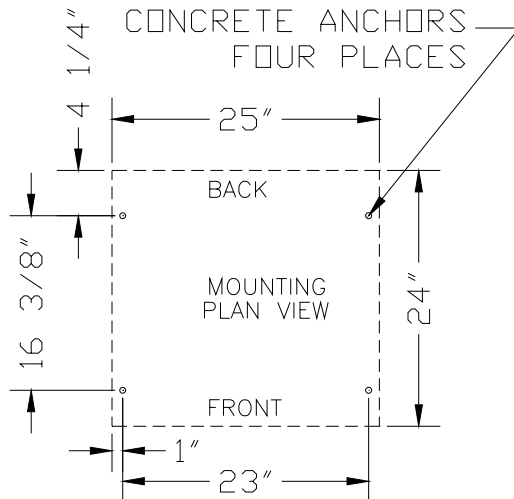


DIAGRAM 4: BENCH 4 FOOT LENGTH 400501, SURFACE MOUNTING



BILL OF MATERIAL – 400501		
PART #	DESCRIPTION	QTY
73-100029	BENCH END	2
73-100105	2' TUBE	2
	2 X 4 X 22-5/8" BULL-NOSE PLASTIC LUMBER	4
	2 X 4 X 22-5/8" ROUND CORNER PLASTIC LUMBER	4
71-0022	FASTENER KIT INCLUDES:	1
71-TP141SS	SCREW, BUTTON HEAD STAINLESS 14X1 SECURITY	34
71-TP1213112CHSS	SCREW, CAP HEAD STAINLESS 1/2-13X1-1/2 SECURITY	4
71-FW500125	SPACER, NYLON	4
71-14HEXKEY	HEX KEY, 1/4" HEX SECURITY	1
71-532HEXKEY	HEX KEY, 5/32" HEX SECURITY	1
71-532BIT	BIT, DRILL 5/32" DIAMETER	1
71-TP142SS	SCREW, BUTTON HEAD STAINLESS 14X2 SECURITY	2