



KENNETH LYNCH

& SONS

Est. 1927

#6740 HERMANN PARK BENCH ASSEMBLY
RECYCLED PLASTIC LUMBER (RPL)

8' L	3 legs	12x RPL slats, 8'		72x 1/4"-20 carriage bolts – 2 1/2" long 24x 1 1/2" sheet metal screws & washers 72x nuts and washers 1x T27 driver bit
		4x 'C' channel 1" x 2" x 43 3/4" long 4x 'C' channels 1/2" x 2" x 43 3/4"	2x back brace 6 holes 2x seat brace 6 holes (with 'S' curve)	
6' L	2 legs	12x RPL slats, 4' or 6'		48x 1/4"-20 carriage bolts – 2 1/2" L 24x 1 1/2" sheet metal screws & washers 48x nuts and washers 1x T27 driver bit
4' L		2x 'C' channels 1" x 2" x 65 3/4" 2x 'C' channels 1/2" x 2" x 65 3/4"	1x back brace 6 holes 1x seat brace 6 holes (with 'S' curve)	

1. Unpack and verify parts count.
2. Lay out 8 RPL slats on saw horses, place the bolts (no washer) into the holes and hammer the bolt heads so the square neck seats into the RPL. Leave 4 slats with no bolts.
3. Stand the legs up and place the slats on the front 2 locations of the seat and 1 at top of backrest. Place a washer and nut on each bolt, leave the nuts loose.
4. Now install the RPL on the seat capturing the 1" x 2" 'C' channel with the same bolt. The 'C' channel should be on the underside of the bench with the flat part against the iron casting. Essentially leaving a small gap between the RPL and 'C' channel in all areas other than where the steel meets it. The 1st channel is located on the 3rd slat from the front, and the 2nd channel is located on the 2nd slat from the rear. Place a washer and nut on each bolt, leave the nuts loose.
5. Now install the smaller 1/2" x 2" C channel and RPL on the backrest in the same manner. Channels are located at 2nd and 4th slat locations from the top. The 4th slat location requires a board with no pre-installed bolts. Leave the nuts loose.
6. Slide the 6-hole seat brace in between the underside of the RPL and the flat part of the 'C' channel. The holes in the 2 channels should line up with holes in the brace. The other holes should mostly be centered on the RPL. DO NOT FASTEN. Do the same for the backrest brace.





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7. Once all channels are in place continue installing the rest of the RPL slats, using the slats without pre-installed bolts in the armrest area. Place a washer and nut on each bolt, leave the nuts loose.
8. Get a straight 2x4 and set it against the feet of the legs so one foot of each leg is touching the 2x4. This way you can make sure that the legs are lined up. Now, using a 2' framing square, check to see that the legs are at right angles to the 2x4. Also check to see that the legs are plumb. Of course, you must be working on a level floor.
9. Now, keeping the bench legs all square and plumb and making sure that all the slat ends are even, tighten all the nuts, starting at the front of seat and top of backrest. When you tighten the nuts watch to make sure that you don't tighten them so much that the bolt heads are drawn into the surface of the slat which can happen easily. Tighten the bolts evenly on both sides of the leg so that one bolt doesn't make the bench stand crooked.
10. Inspect the bench from a distance to make sure it looks good and straight. This completes the assembly.



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