

**LPC-1 - 48"L x 53"H x 27"W Louvered Panel/DuraBoard Mobile  
Tool Cart (rev 04/13)**

**Read all instructions completely before installing. Should you have any questions about your installation, please call  
Customer Service at 440-248-5480**

**Inventory and inspect all components before starting assembly (Use Parts Call Out figure 1-1 on page 3)  
Report any missing parts and/or damaged goods within 5 days from receipt**

**QTY      Description**

- (1) Aluminum Bottom Tray
- (2) Left Hand Aluminum Corner Angle brackets
- (1) Right Hand Aluminum Corner Angle bracket with holes for 4 handle holes with fittings
- (1) Right Hand Aluminum Corner Angle bracket without attachment handle holes
- (2) Rail End Brackets interchangeable (With 4 preinstalled threaded fasteners)
- (1) Top Rail (48" Long)
- (2) Internal Center Braces (With 90° Bends on Ends)
- (1) Cart Handle
- (2) Fixed Casters
- (2) Swivel Casters
  
- (4) Louvered Panels 24"x48"
- (72) 1/4"-20 X 3/4" Truss Head Bolts
- (16) Lock Nuts for caster installation
- (4) 1/4"-20 x 1/2" Tapered Head Screws (For Handle Attachment)
- (16) 1/4" Flat Washers

**Note: While attaching components it's important to remember not to fully tighten any bolt or screw until system is fully assembled. Freedom of movement will allow for proper alignment between bolts and their associated preinstalled threaded fasteners. For assembly purposes, the END will always be the narrowest dimension of the cart.**

**Assembly:**

1. Locate the (4) corner angle brackets. (Using Parts Call Out figure 1-1 page 3 and close-up Figure 2-3 on page 4) Identify the left hand from the right hand angle bracket and their top edge from their bottom edge.) The top's edge can be identified by its 2 bolt holes when looking from the end view.
2. Position the bottom tray with its lip facing up and one end facing you.
3. (Refer to Figures 2-1, 2-2 and 2-3) Note: All corner angle brackets will install outside of the bottom tray. Starting with a left corner angle bracket and using ¼" truss head bolt align end bolt hole in tray with pre-installed fastener with through-hole in angle bracket. Insert bolt and hand tighten (Do not tighten all the way). From the front edge of the same angle bracket install a second truss head bolt in the same manner. Repeat step #3 for each corner angle bracket.
4. (Refer to Figure 2-3) Using one rail end bracket; position rail end bracket inside of both the left and right installed corner angle brackets with preinstalled fasteners facing away from you. Align through holes in corner angle

bracket with preinstalled fasteners on rail end bracket. Partially install (4) ¼” bolts. Install bolts about half way only. (Repeat steps 2 thru 4 for opposite end.)

5. (Refer to Figure 2-1 and 2-3) Installing Top Rail: Top rail will be positioned between corner angle brackets installed at each end. Insert top rail from the underneath at slight angle and let set on bolts/fasteners of rail end brackets. Using holes located on the top front edge of corner angle bracket insert truss head bolt through corner angle and into corner threaded insert in top rail. (Repeat for all four top corners.)
6. Installation of internal center supports (Refer to Figures 1-1 parts call out, 2-1 and 2-4). Center support braces will be placed inside of angle brackets and run the length of the cart. (figure 2-4) Each center support will be installed with their flat edges without bolts facing up. From the end of each angle bracket install truss head bolt with center point at each end. (Repeat for opposite end.)
7. (Figure 2-3) Tighten all (4) top end bolts used to attach corner angle brackets to rail end brackets at both ends.
8. (Figure 2-1) Pull handle installation: Locate the right corner angle bracket with the 4 extra holes at the top. Install pull handle using ¼” tapered head bolts. (Note: handle will be positioned at end of tool cart that swivel casters will be installed on.)
9. (Figure 1-2) Installation of Casters: Swivel casters will be installed on the end of tool cart with handle: With cart on its side insert ¼” truss head bolts through caster mount plate and through holes in bottom tray, install ¼” flat washer and secure in place using ¼” lock nut. Tighten securely after all 4 bolts have been installed. (Repeat for each caster.)
10. Installation of Louvered Panels: Each 24”x48” panel has pre-drilled mounting holes that line up with the threaded inserts on cart frame. Insert ¼” Truss bolt into each hole and hand tighten. Once all bolts have been installed on the cart finish tightening with wrench and Philips head screwdriver.

**Secure storage for all parts and fasteners can be achieved using the LocBin plastic Hanging bins or any plastic hanging bin**



