

## INSTRUCTIONS TO BUILD CHEST

### MATERIALS REQUIRED:

- 2 - Part D - Chest Front and Back - 1" x 8" x 26"
- 2 - Part E - Chest Ends - 1" x 8" x 13"
- 2 - Part C - Chest Bottom - 1" x 8" x 26"
- 2 - Rope Handles - 3/8" x 14"
- 2 - Part A - Lid Front and Back - 1" x 4" x 26"
- 2 - Part B - Lid Ends - 1" x 4" x 13"
- 2 - Part C - Lid Top - 1" x 8" x 26"
- 1 - Lid Handle – 1" x 2" x 8"
- 2 - 1 ½" Butt Hinges with screws
- 4 - 2" Screws
- 3 - 3d Nails
- 76 - 8d Nails

### ASSEMBLY INSTRUCTIONS

Pre-drill pilot holes for nail locations indicated in Figure 1 and Figure 2.

Part A - Pre-drill pilot holes on ends of the board only.

Part B - No pilot holes needed.

Part C - Pre-drill pilot holes on each end of the board and along one edge.

Part D - Pre-drill pilot holes on ends of the board only.

Part E - No pilot holes needed.

Handle - Pre-drill 3 pilot holes.

See Figure 1 as a visual guide to the placement of components and nailing locations. The chest (bottom) portion will be assembled first. For stability during assembly, other parts may be used to create a more level work surface while nailing to help stabilize components. After

assembly of the chest portion, it may be helpful to turn it upside down and use it as a workbench while assembling the lid.

### **ASSEMBLE CHEST**

1. Attach 1 Front D to an End E.
2. Attach remaining End E to the same Front D.
3. Attach Back D to Ends to form a “box”.
4. Attach the 2 Chest Bottoms C to complete the chest base.

### **ASSEMBLE LID**

1. Attach 1 Front Part A to End part B.
2. Attached remaining End part B to same Front A.
3. Attach remaining Front A to both Ends B.
4. Attach 2 Lid Tops C to complete lid.

This completes both Chest Base and Lid.

### **CHEST ROPE HANDLES**

1. A template will be available for locating the holes for handles. Using the template, drill two 1/2” holes in both ends of the chest. Drill using light pressure and high speed to reduce splintering as the bit exits.
3. Tie an overhand knot in one end of a rope. From the inside of the chest, insert the rope end through one hole so that it extends outside the chest, then insert the loose end into the other hole so that it

extends back into the chest. Tie a knot in the rope end. Repeat for the other handle.

## **HINGES**

1. Turn the chest so that the front is facing down, and adjust as needed so that the lid aligns properly with the chest base. Placing it on a smooth surface will make hinge alignment easier. Place one hinge in position as shown on Figure 2, and mark the locations for the screws. Repeat for the other hinge. Hinges should be approximately 3" from each end of the chest.
2. Using a small nail, make a small pilot hole for starting the screws and insert the screws. Do not tighten too securely at this point. Repeat for the other hinge.
3. Tighten all screws until snug.
4. Note the location of the four 2" screws on the back/hinge side of the chest as shown in Figure 2. Pre-drill pilot holes, and install the screws as shown, two in the lid and two in the chest base.

## **HANDLE**

1. Place the chest with the front side of the chest facing up. (The back with the hinges should be down.)
2. Center the handle on the lid front as shown in Figure 1 and attach it using three 3d nails.

Chest is now ready to sand and paint or stain. You may wish to hide nails or fill any wood defects with wood filler before finishing.