



H0 Scale "Track Side Shanty"

Assembly Manual



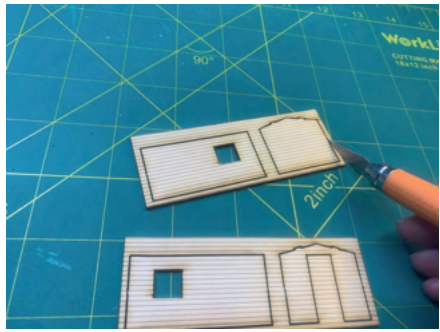
Foreword:

Thank you for purchasing this kit from us. First check that you have all the necessary pieces. Additional items including glue, paint, and sand paper will be necessary but are not included. We recommend priming the walls to make painting easier. To assure correct fit, pieces should be cut, not pushed out of their carrier sheets.

This trackside shanty can be used in many different settings. Our diorama depicts it in a rural setting but it can just as easily be used in an urban setting. We have also included some barrels that can be added to the scene. Pieces of dyed wood left over from the kit can help with the scene. Remember these were small buildings whose main goal was to help keep the trains moving. Comfort was second. We hope you enjoy this kit and it finds a good home on your layout.

Step 1

Remove the FRONT, BACK, LEFT AND RIGHT SIDE wall pieces from their holders by cutting the tabs that secure them to the sheets. Cut 4 pieces of 1/16" square wood strip and glue to the outside edges of the FRONT and BACK wall pieces. The strips should be flush with the back side of the wall. We recommend running the strip wood thru some very fine steel wool to remove the fuzzy texture first. Allow glue to dry. When the glue is dry trim the ends to be flush with the top and bottom of the wall. Be sure to cut the top at the angle of the roof.

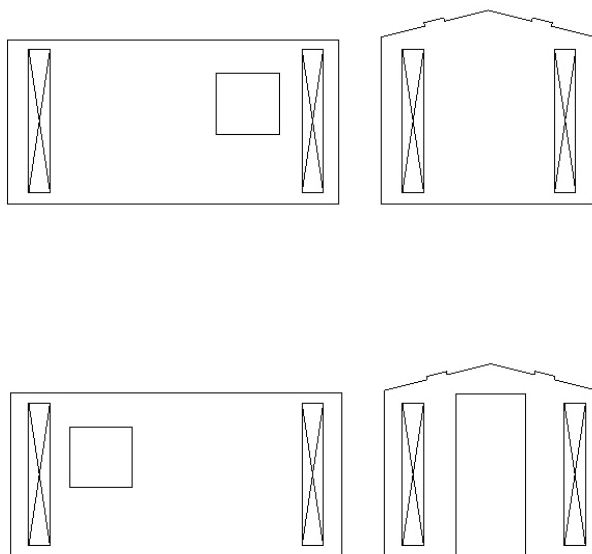


Step 2

Attach 1/8" square bracing to the inside walls where the X boxes are shown on the bracing detail. Let the glue fully cure before continuing.



Bracing Detail



Step 3

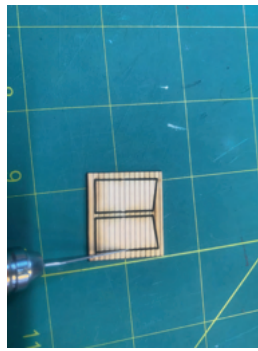
Attach the FRONT and BACK walls to the LEFT and RIGHT side walls being sure that the walls are straight and square. Allow to dry fully before continuing. We recommend painting the walls at this stage.



Step 4

The LEAN-TO and the WORKBENCH are made together because they are glued together for sturdiness.

First remove the two LEAN-TO SIDE walls from their holder. Sand the tabs smooth. For support, glue a piece of the 1/16" square wood to the inside bottom of each of the side walls and let dry.



Remove the WORKBENCH TOP and FRONT OF WORKBENCH from its holder. Glue a piece of the 1/16" square wood flush with one edge of the WORKBENCH TOP. (This will help hold the FRONT OF THE WORKBENCH at a 90 degree angle.) Next glue the FRONT OF WORKBENCH (piece etched with lines) to the front of the workbench.

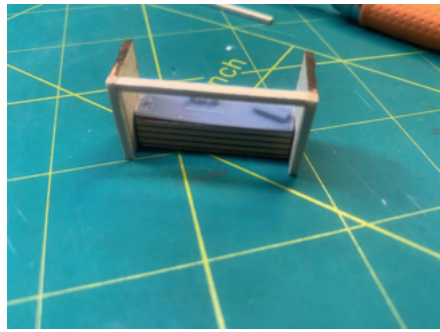


Assemble the LEAN-TO SIDES to the side of the workbench subassembly. When finished the slightly taller sides of the lean-to will be attached to the shed. At the same time, the front of the workbench will be facing the slightly shorter open back of the lean-to. Run a piece of 1/16" square wood from the left upper short side of the lean-to to the right short side of the lean-to. This 1/16" piece, running between the walls, will eventually provide support for the lean-to roof.



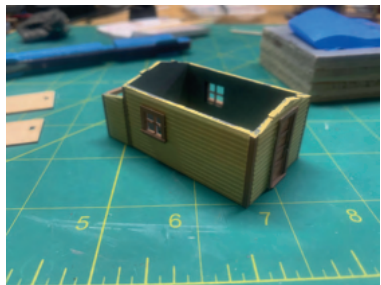
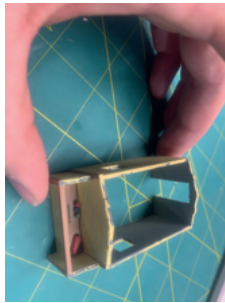
Step 5

Locate the 3D printed workbench top. Some sanding on the ends might be required. Install the workbench when both the exterior walls and workbench have fully cured. We recommend painting this fully at this time as it will be difficult later when installed. Once painting is completed, we recommend gluing the 3D printed workbench top to the top of the workbench.



Step 6

Glue the LEAN-TO subassembly to the the back of the main body of the building and it allow to dry. Glue in the 3D printed windows and doors. Allow all subassemblies to dry.



Step 7

Attach ROOF TOPS for the main roof and back LEAN-TO ROOF. A gap between the sections for the main roofs is ok and will be covered by trim and roofing material.



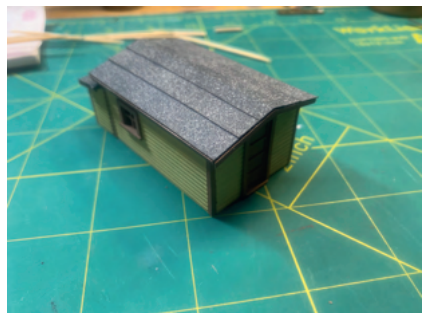
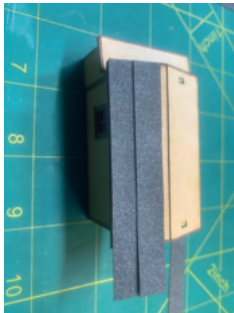
Step 8

Locate the roof trim pieces. Adhesive backing is already applied to these pieces. We recommend painting them prior to installation allowing just touchup after installation. Start by installing the END TRIM pieces. The trim is installed on the edge of the roof sheathing. Make sure to align the peak of the roof with the peak of the trim for both front and back. Trim any over hang. Locate the SIDE TRIM pieces and repeat the process on both sides. Finally install the LEAN-TO TRIM pieces along the roof edge of the lean-to roof.



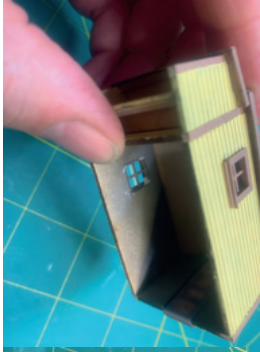
Step 9

Locate the roof material. We recommend lightly misting it with a gray spray paint in order to give it some texture. Using a suitable glue (wood, white, etc) cut the pieces long and start from the bottom of the roof working your way upwards. Take a length of material and crease it in the middle to form the top. Repeat with the lean-to roof. Trim the roofing material to length.



Step 10

Install the acetate windows on the inside of the structure. You can also install the vent pipe at this time. Normally the coal burning stove would be towards the back of the structure.



Step 11

Locate the bench pieces and remove from the sheet. Stand up the two BENCH SIDES and glue the BENCH BRACE support between them. We recommend immediately gluing on the BENCH TOP to allow for any adjustments. Allow to dry.

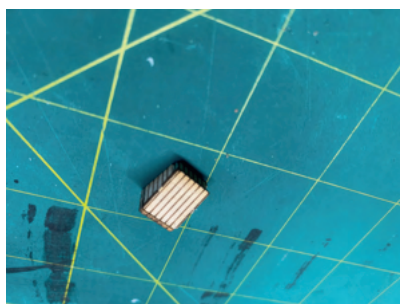
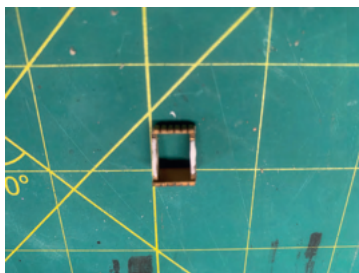


Step 11

Find the coal bin assembly sheet, remove the pieces and sand the tabs smooth. Glue the short COAL BIN FRONT and tall COAL BIN BACK pieces to the COAL BIN SIDE pieces. The front and back pieces will cover the ends of the side pieces as shown in the photos below. Be sure to square up the box formed. The COAL BIN TOP can be placed on immediately, this can actually allow for adjustment if needed. The coal bin would normally be placed near the front side of the building closest to the door to allow easier access when they needed additional coal for the stove.

Conclusion

That concludes the building of this kit. We hope you enjoyed building it. Please check out our website site, facebook page or youtube for more tips, tricks and product information. If you have any questions or concerns please contact us using the contact information below.



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