

Straight Staircase and Landing rail
Assembly Instruction
By Laser Dollhouse Designs



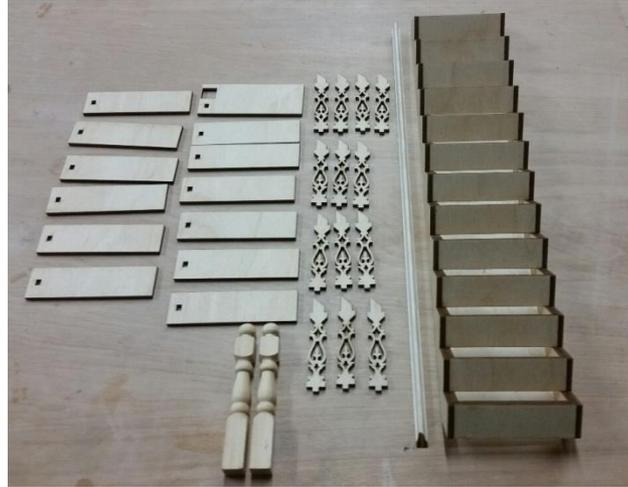
PARTS

Note:

Read through instructions prior to gluing parts to understand the assembly process.

STAIRCASE ASSEMBLY

- Staircase-1
- Staircase handrail-1
- Newel post-2
- Treads-12
- Landing tread-1
- Balusters - 13



LANDING RAIL ASSEMBLY

- Balusters- 15
- Upper/lower rail- 2
- Newel Post- 3



Staircase Assembly

****Decide which side you want to have the handrails, we will be installing the 12 smaller treads with cutouts on the side you want to have the handrail based on house and build. For this example in Figure 1 we are installing the rails to the left. So holes will be to the left for the string, if going right side railing just turn the tread holes to opposite side.****

Step 1. Using the top large tread place on the side opposite of where you plan to install the handrail, fig 2a. Hold flush to the edge of staircase and glue each tread to the staircase until all 12 treads are installed. Fig. 2b Note that all 12 treads are aligned even to right side edge as we plan on a left handrail staircase.



Figure 1



Figure 2a



Figure 2b

Step 2. Install top tread making sure it is aligned to the rear of staircase, see figure 3.

Step 3. Install the 13 balusters into the hole of each tread, figure 4. Locate the handrails notice that it has a slot in the bottom for the securing of the balusters, fig. 4b.

Step 4. Install bottom Newel post even to bottom tread, fig. 4c Install handrail aligning even to front of the newel post. Fig. 4c.



Figure 3



Figure 4



Figure 4b



Figure 4c

Step 5. Using two fingers and light pressure pinch each baluster into the handrail. Do not glue until you have all seated and the bottom aligns to lower Newel post. Figure 5. Install top newel post aligning to the front of the handrail, fig.6

Glue assembly and staircase is completed, figure 7.



Figure 5



Figure 6



Figure 7

Landing Railing Assembly

NOTE: If you DO NOT have good access to your stairs location then use a stock card and make a template of your stair landing where you plan to install railing. Using the template you will assemble the rails outside of the house. Glue inside house once assembled. If you have good access to your stair location proceed to step 1.

Step 1. Place one Newel post even to the stair landing Newel post (Do Not Glue Post), using a pencil place a mark in front of the newel post, figure 1.

Step 2. Place newel post at rear opening of landing and mark the rear of the Newel post desired location, figure 2

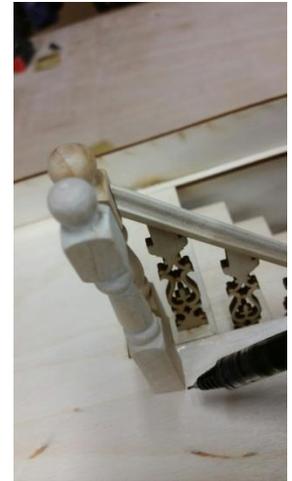


Figure 1



Figure 2

Landing Railing Assembly

Step 3. Using markings, mark and then using a sharp blade trim two railings to size, figure 3

Step 4. Using the short side of the landing opening lay out desired number of Balusters, below in figure 4 we have three spaced. Using the spacing on the three balusters now space out the long width side as seen also in figure 4. Once desired look is achieved press the balusters into the top handrail as seen in figure 5. Once you have desired spacing again glue balusters into top rail and then install bottom rail.



Figure 3



Figure 4



Figure 5

Landing Railing Assembly

Step 5. Glue first Newel post to floor, figure 6. (If using template DO NOT glue newel post in, move to next step)

Step 6. Glue rail to the first Newel post, figure 7. Post should be top handrail centered to Newel post top flush post point. ----->>> See arrow to right.....



Figure 7a



Figure 6

Landing Railing Assembly

Step 7. Install 2nd Newel post.

Follow the same process for completing remaining rails.
Figure 9. If you used a template once all rails are together with newel post glue rails into house.



Figure 8



Figure 9