

# Spiral Stairway Installation Instructions

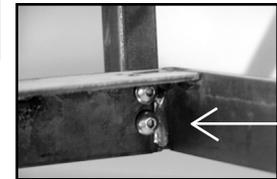
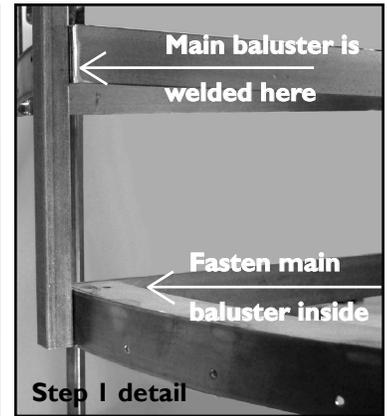
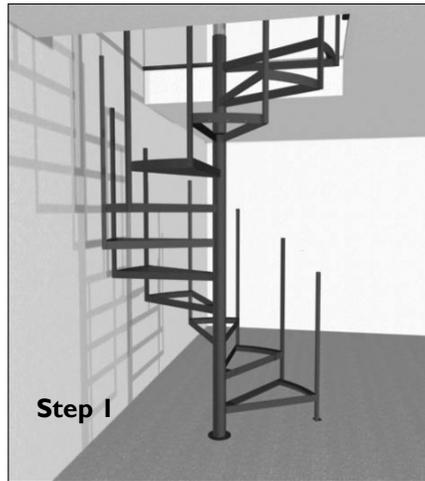
## Step 1. Position & loosely fasten treads

Position bottom tread and place center column in tread sleeve.

Lower remaining treads onto the column and attach to the tread below it.

Install (2) 5/16" - 18 bolts through the end of tread. (These fasteners and a 3/16" allen wrench are supplied with stair).

Note: Treads are numbered from the top down. It is easier to install the treads on the column, from a corner of the second floor opening.



## Step 2. Fasten platform

Place the platform over the center column and fasten to the floor opening.

Position the treads and column into the final position.

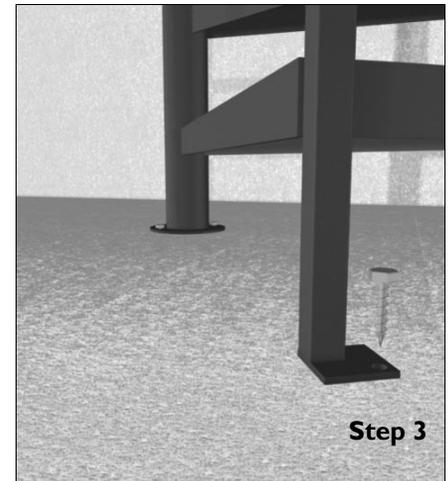
Note: Use 4" bolts with lock washers and nuts if the floor joists are exposed. These are supplied. For other floor systems, you should select and supply an appropriate fastener. For example, use lag bolts if the floor/ceiling are closed.



## Step 3. Plumb & secure center column

Level base plates with shims if the floor is uneven at the stair location. Plumb center column.

Fasten the bottom tread to the floor using fasteners selected by you for your system.



## Step 4. Position Handrail

Lower the bottom section of the handrail onto the main balusters.

Lower successive sections of handrail into place.

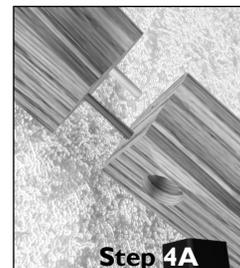
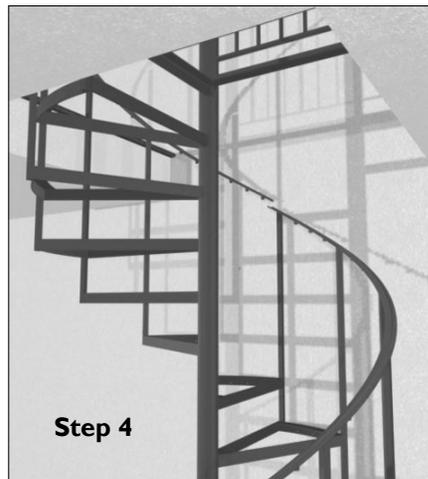
Note: A wood block and hammer may be needed to seat the handrail sleeves onto the balusters.

### Step 4A. Wood handrail option

Assemble the handrail onto the main balusters starting from the bottom.

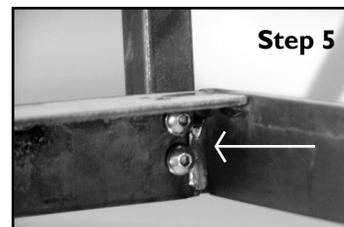
While mounting the top section of the handrail, glue the two sections and connect with the hanger bolt.

Install the star nut assembly through the 1" access hole and tighten with a hammer and flathead screwdriver.



## Step 5 Tighten tread fasteners

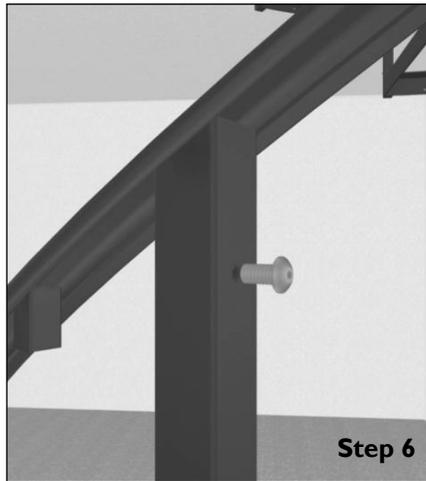
Tighten tread fasteners that were only loosely fastened in Step 1.



### Step 6. Fasten metal handrail sections

Fasten the handrail sections to each other and to the main balusters using 1/4" x 1/2" round head screws and lock washers.

Note: The fasteners are supplied with the stair, usually in the same color as the stair.



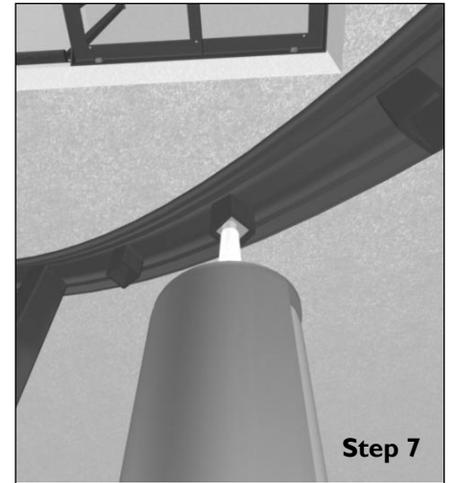
### Step 7. Inject silicone

For stairs with mid-baluster sockets, inject clear silicone into the sockets.

Place mid baluster in socket and fasten to the associated tread.

Note: Inject enough to get a good seal. Remove all excess after mid baluster is inserted.

Note: If using a round tube handrail and round mid balusters, you may need to use a center punch to dampen vibration. Tap the punch at a point on the handrail about 1/16" away from the mid baluster.

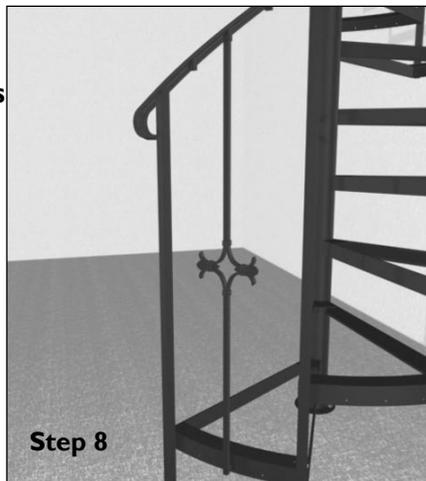


### Step 8. Insert mid-balusters into sockets

Insert mid-baluster into handrail socket.

When applicable, place spacer on baluster stud between baluster and tread.

Fasten baluster with 10-24 flange nut.



**If you have wood tread or platform covers, finish the wood surfaces and then follow Steps 9 and/or 10**

### Step 9. Align and fasten wood tread covers

If you have wood tread covers, align the covers with the tread frame and touching the balusters.

Using #9 x 1" buglehead "grippit" screw after drilling a 7/64" diameter pilot hole.

Note: Wood treads should be finished before installation.



### Step 10. Align and fasten wood platform cover

If you have a wood platform cover, lower the platform cover onto the platform frame so the cover is flush with the edges of the frame.

Use 9 #8 x 1" wood screws to mount the platform frame.

