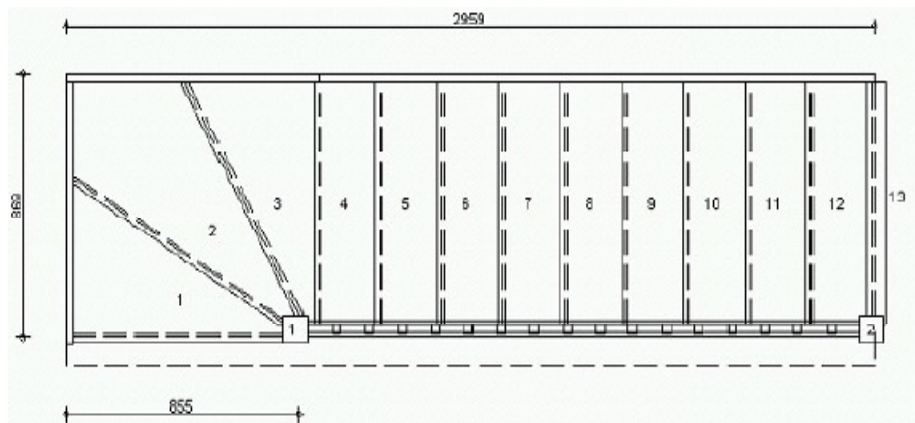
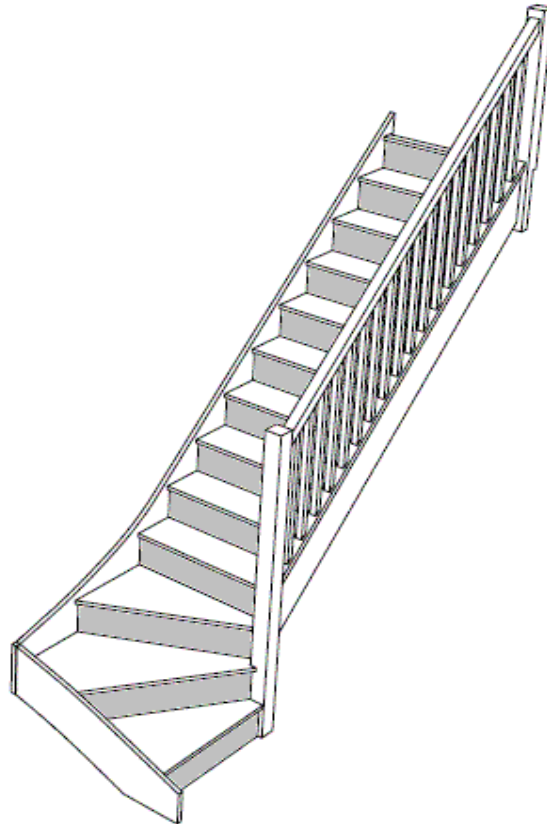


Bottom Winder Staircase

Assembly Instructions

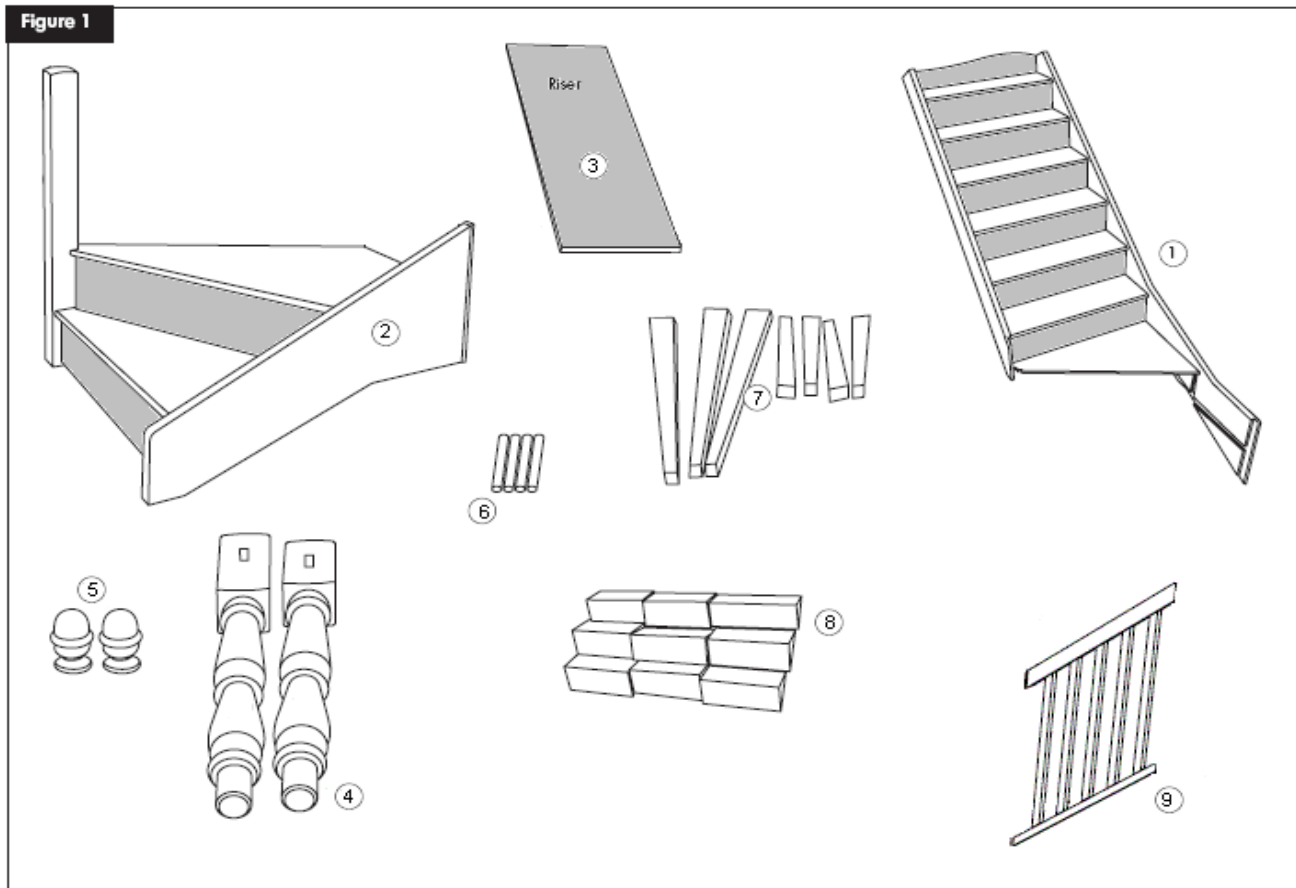


Thank you for purchasing our Bottom Winder Staircase. Listed in this manual are details on how to assemble your staircase, and the equipment you will need to complete the assembly.

You will require the following tools, and equipment.

Hammer, Jigsaw, Screwdriver, Level and square, Wood glue, And screws (40mm for fixing the risers to the back of the treads, and 60mm for fixing the balustrade to the newels and fixing the return sting to the trunk string. See instructions for further details)

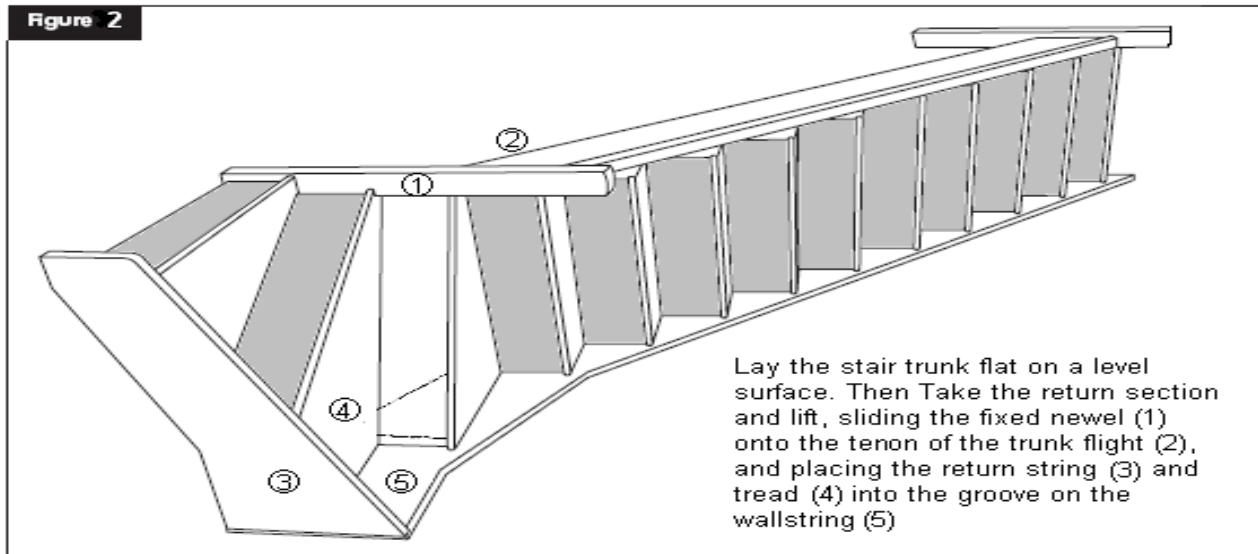
We must advise that you wear protective goggles, and gloves while working on the assembly of this flight. A dust mask will also be required when sawing and sanding materials.



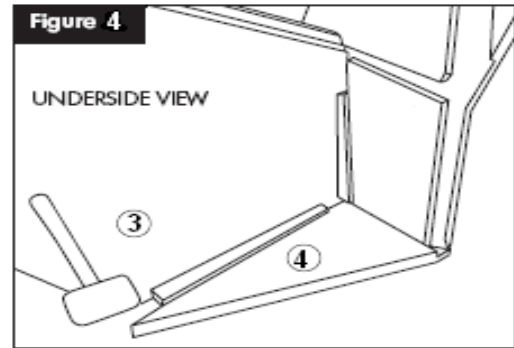
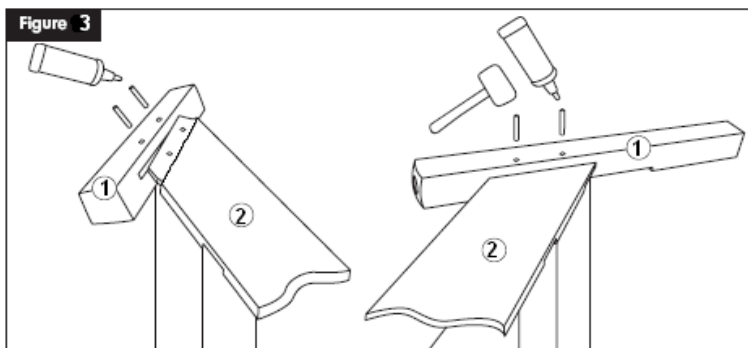
1/ stair trunk. 2/ return section. 3/ loose riser. 4/ newel tops (type depending on spec chosen). 5/ newel caps (depending on spec required). 6/ dowel. 7/ long & short wedges. 8/ corner blocks. 9/ assembled balustrade.

Step One

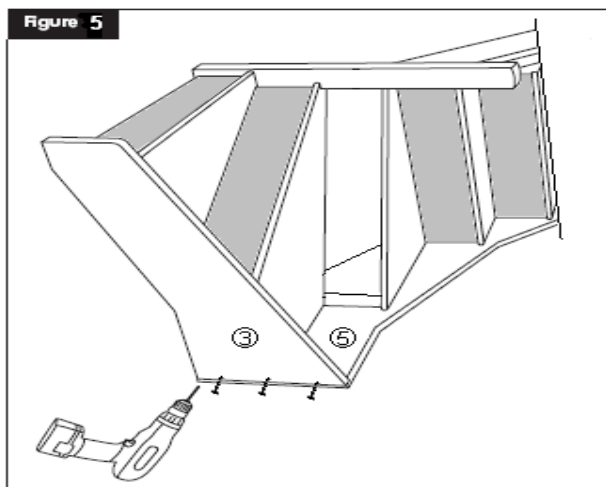
Your staircase comes in 2 sections, The **Stair trunk** and the **Return section** (no. 1 & 2 in figure 1)



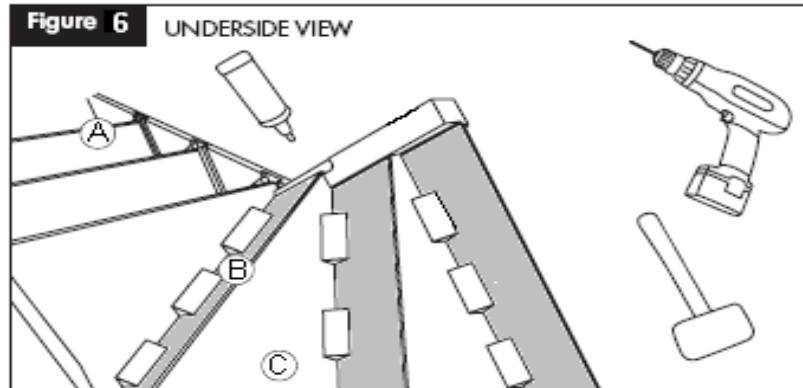
Use the dowel provided to secure the newel (1) onto the tenon (2) through the pre drilled holes *figure 3*



Use the long wedges to glue and secure the winder tread (4) into the wall string (5) *figure 4*, and screw through the return (3) into the wall string (5) *figure 5*.

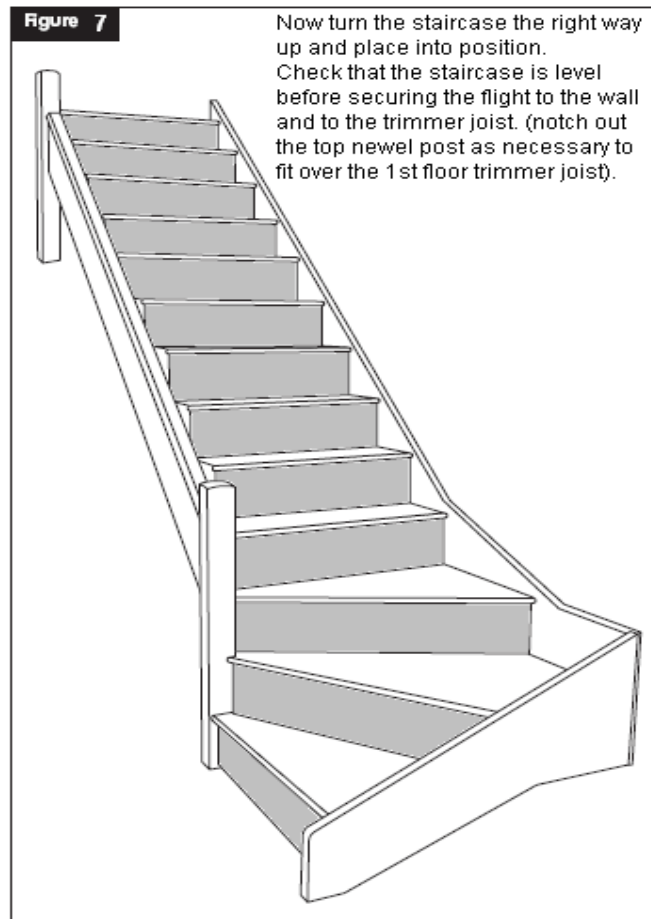


Now that you have secured your stair together you now need to fit the loose riser.

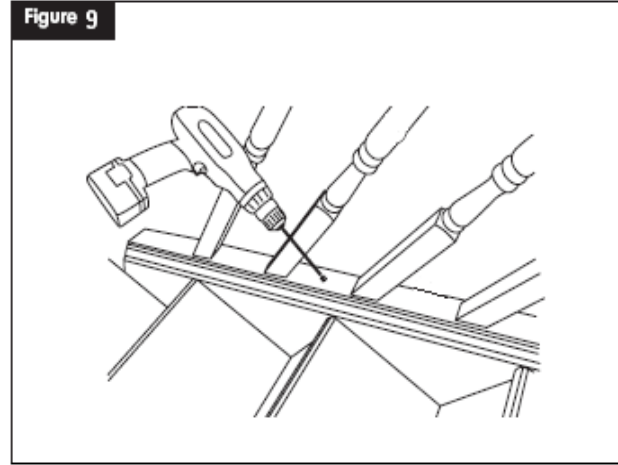
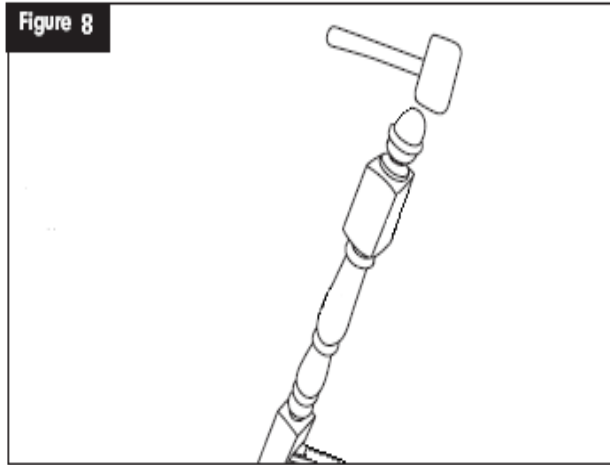


Firstly you need to measure and cut to size your riser (B), now glue and fix the riser with 40mm screws into the back of the tread (C). Once secured, glue the corner blocks where the riser and tread join on the internal corner (you may wish to fix the corner blocks with panel pins to hold while the glue sets)

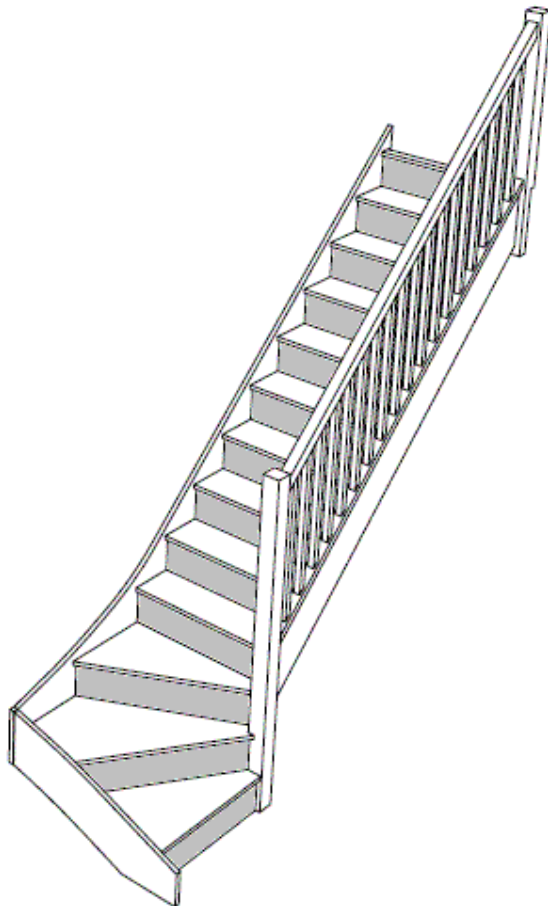
Step Two



Now that your flight is now secured you are able to fit your stair finishing (*newel tops/caps and balustrade*).
Start by gluing your newel tops/caps in to the newel bases fitted to your staircase.



Now take your balustrade and position it between your two newels fix through your newels into your handrail of your balustrade, and fix through your baserail into the top of your open string (*figure 9*).
Your staircase is now complete.



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