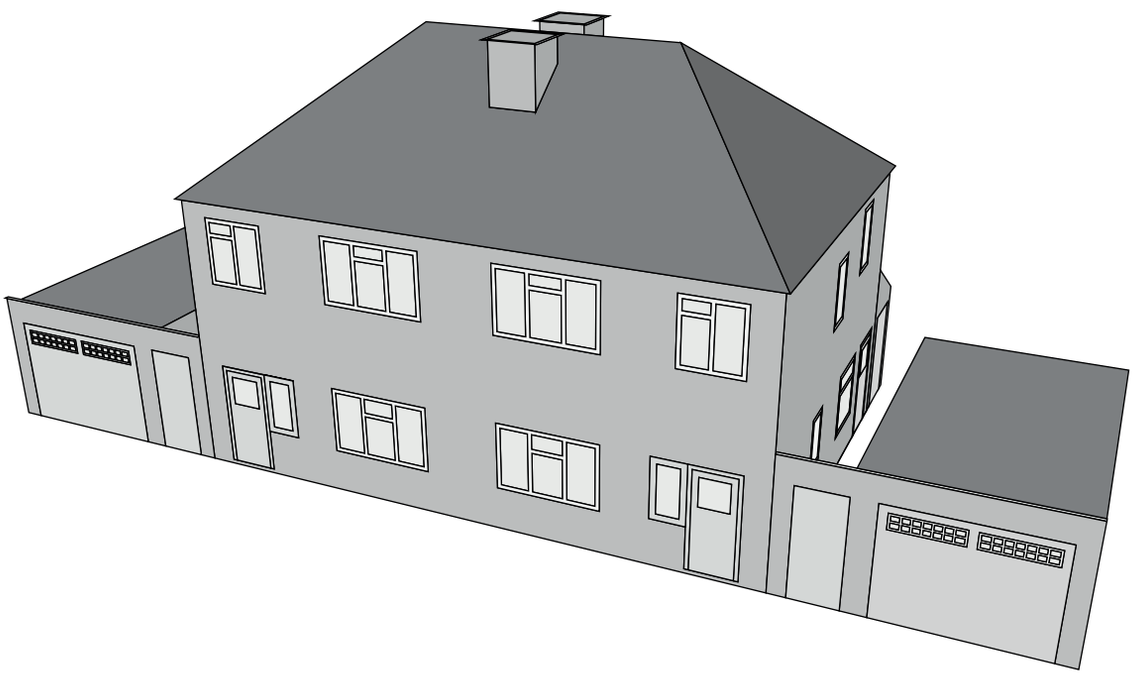
ATD002 - OO (1:76 Scale) 1950's Semi Detached House - Instruction Manual



Tools Required

Modellers Knife (with a fresh blade)
Cutting Mat
Modelling Glue (we recommend roket card glue)
Fine Tip Applicator
Low-tac Masking Tape
Clips / Clamps

Tips

Prior to starting your build, we recommend reading through the instructions to familiarise yourself with the build style of the kit.

We recommend painting any white edges as you remove the components from the sheet to improve the finished look. We advise watercolour paints for the best finish.

Each component is held in the sheet using score lines, indicated by a scissor symbol. To remove the component from the sheet, carefully run the tip of your modelling knife through the score line.

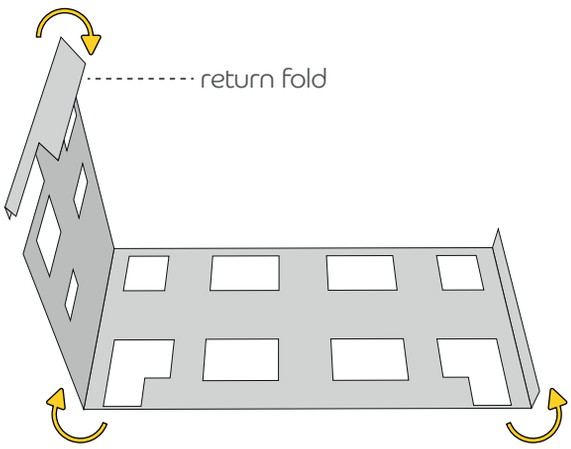
Remove each component as it is required to prevent losing or mixing it up with another component.

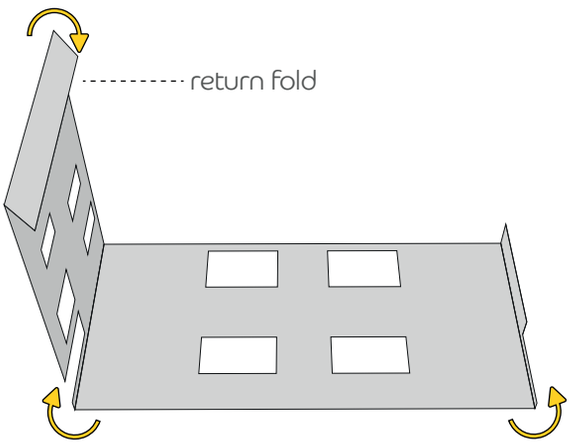
Ensure that glue is distributed evenly and not too close to the edge as it may ooze out when pressure is applied.

Use low-tac masking tape, clamps and weights to aid the assembly process.

1. Detach component A and place it face down on your work surface. Locate the crease line on the left hand side, fold it over on itself and glue. Then fold the remaining crease lines by 90 degrees. Repeat this step for component B.

i Apply firm pressure until the glue is semi cured to stop the tabs from lifting.



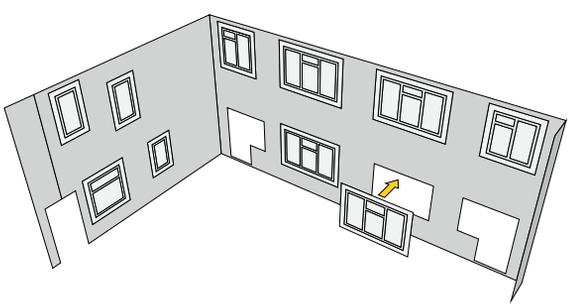


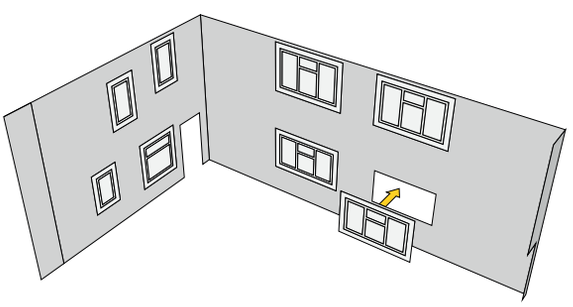
2. Now locate the glazing sheet and proceed to glue the glazing to the inside components A and B.

i To remove the glazing from the sheet, cut along the thin outlines around each window.

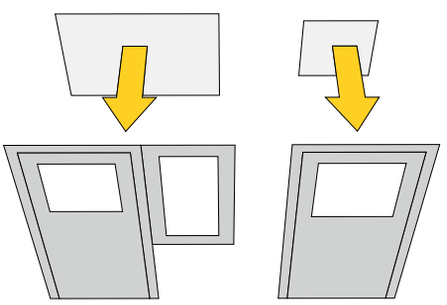
Before applying any glue, offer up the glazing to the window to ensure you are confident where each piece goes, being careful not to mix up similar size components.

Be careful not to apply too much glue or pressure to prevent any bleed.

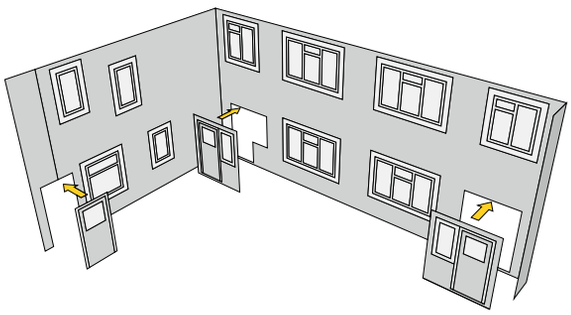


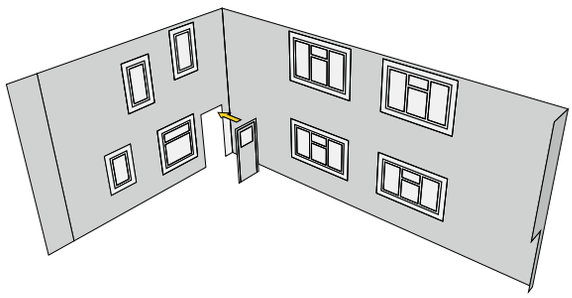


3a. Detach the front door (x2) and rear door (x2) from sheet 1 - we have offered two different styles. Then cut out the glazing and glue to the rear of the door.

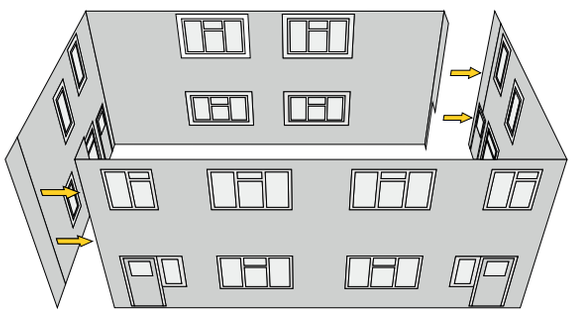


3b. Glue both of the front doors and one of the rear doors to component A. Then glue the remaining door to component B.

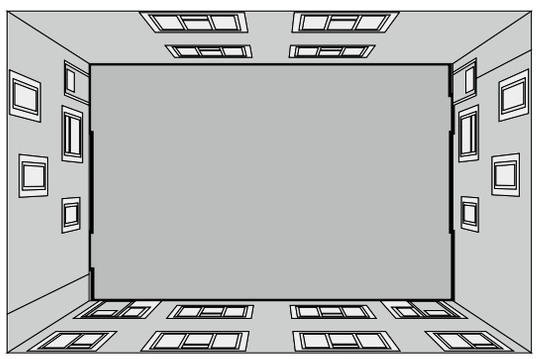




4. Glue the tab on Wall A to Wall B. Then glue the remaining tab on Wall B to Wall A.

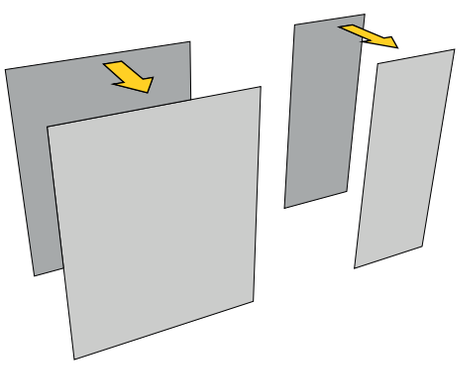


5. Detach component C and place it within the walls (ensuring that the notches are in the same position as they are in the illustration below), then glue.

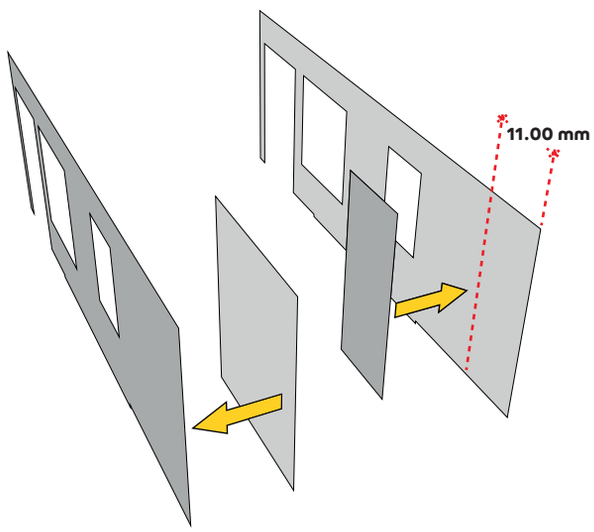


6a. Locate components 'E' (there are two different sizes). Detach x2 large and glue them together. Then detach x2 of the small and glue them together. This will create two sets of packers.

i Large: 32.5mm x 26.5mm
Small: 32.5mm x 13.5mm



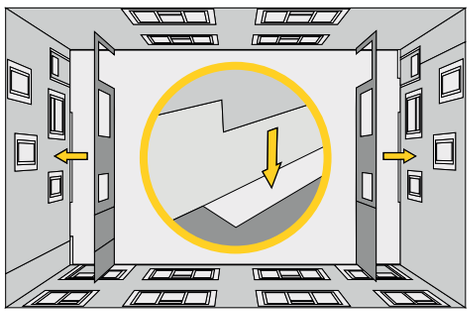
6b. Next, detach component D (x2). Then take the packers and glue them to component D as per the below illustration. This will create two internal walls.



6c. Now glue the internal walls to the inside of the main walls, ensuring that the tabs sit in the notches within the floor.

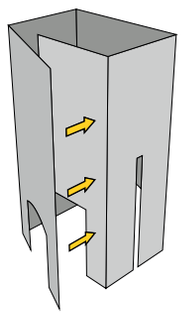
i The packers should be sandwiched between the two walls when glued.

The internal wall with the small packer should be on the left hand side as you look at the house from the front.



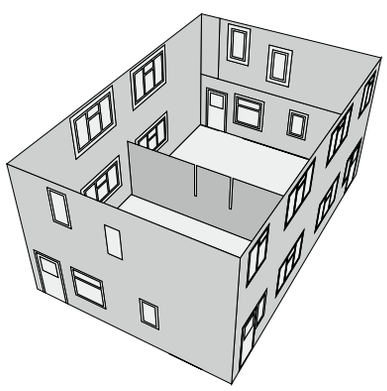
7a. Detach component G (x2) and fold along each of the crease lines (x4) and glue. This will create a chimney breast.

i Put one of the chimney breasts to one side as you will need it for step 10.



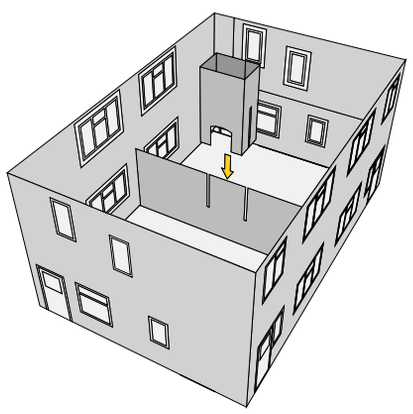
7b. Detach component F (x1) and position it so that there is an even space either side. Then glue to the walls and floor. This will create the ground floor dividing wall.

i Apply gentle pressure until the glue is semi cured to ensure a strong bond.



7c. Slide the chimney breast over the dividing wall and then glue into position.

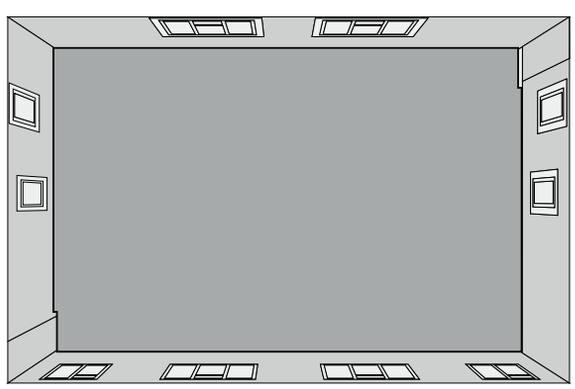
i These two components have been designed to interlock for strength.



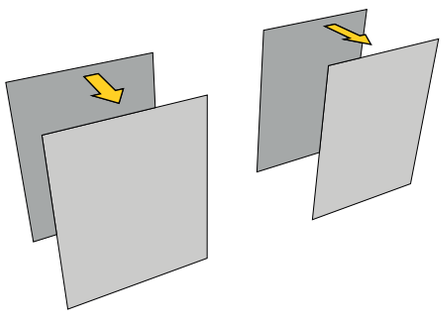
8. Apply a bead of glue across the tops of the internal wall (component D), dividing wall and chimney breast. Then detach component I and position within the building to create the first floor.

i Apply gentle pressure until the glue is semi cured to ensure a strong bond.

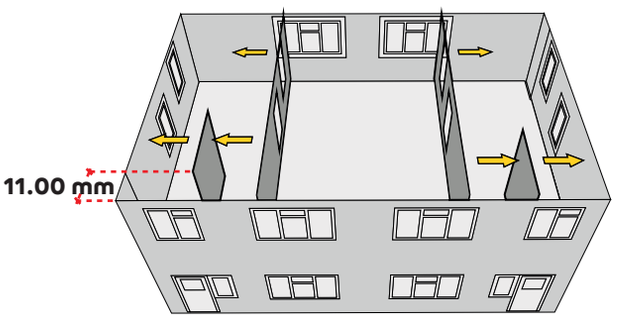
The notches in component I have been designed to avoid the tabs on the outer walls to ensure the best fit.



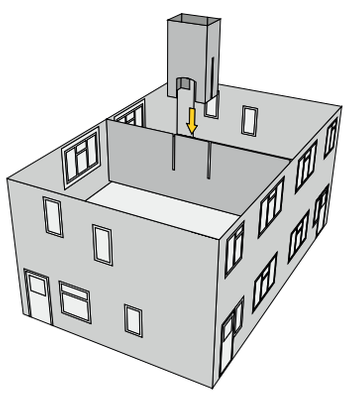
9a. Similarly to step 6a, detach x4 component E, pair them and glue together to create two more sets of packers.



9b. Glue the packers into position on the side walls (the packer on the left hand side as you look from the front of the house should not overlap the tab). Then detach component H (x2) and glue into position (similar to Step 6c, this will create two more internal walls).

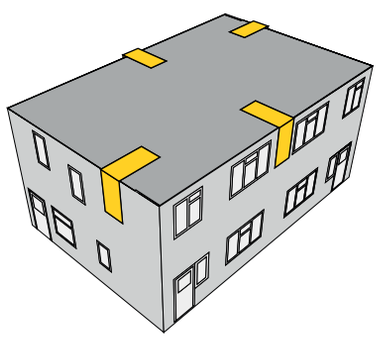


10. Similarly to steps 7b and 7c, detach component F (x1) and position it so that there is an even space either side. Then glue to the walls and floor. This will create the first floor dividing wall. Next slide the chimney breast over the dividing wall and glue into position.



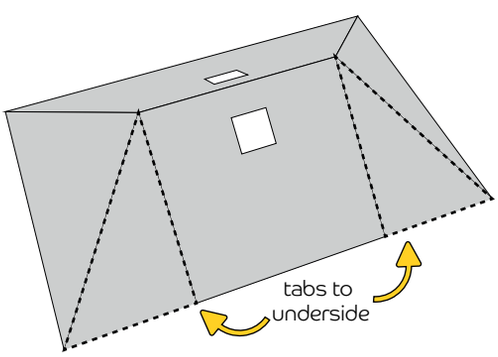
11. Apply a bead of glue across the tops of the internal wall (component H), the dividing wall and chimney breast. Then detach the remaining component I and position on top of the building.

i We recommend using ATD low-tac masking tape to assist on this step whilst the glue cures.



12a. Detach component J and fold the pre-creased lines to form the shape of the roof (at this point, we recommend painting the white edges). Then glue the tabs (x2) to the underside of the roof.

i We recommend using ATD clamps to hold the tabs in position whilst the glue cures.

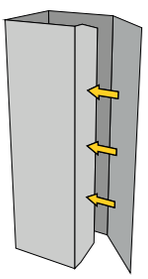


12b. Apply a bead of glue across the top of all four external walls. Then position the roof on top of the walls, ensuring that overhang is evenly distributed.

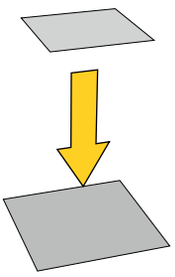
i We recommend using ATD low-tac masking tape to assist on this step whilst the glue cures.

13a. Detach component K (x2) and fold along each of the crease lines and glue. This will create a chimney.

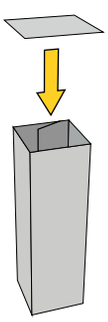
Repeat this step.



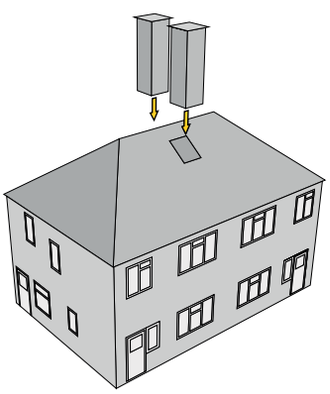
13b. Detach the capping stones (located next to component K) and place them face down on your work surface. Then glue one of the smaller peices on to one of the large peices, ensuring it is centre aligned. Repeat this step for the remaining two pieces.



13c. Apply a bead of glue around the top of the chimney. Then position the capping stone on the chimney (the smaller piece should sit inside the chimney).

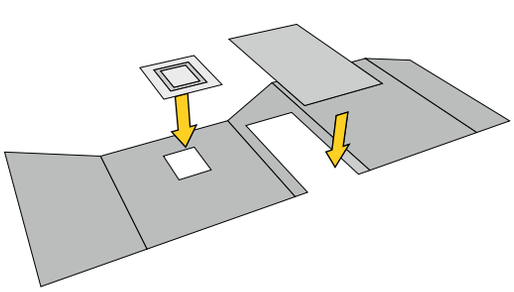


13d. Apply a bead of glue around the base of the chimney. Then carefully insert the chimneys inside of the roof, resting it on top of the loft floor.



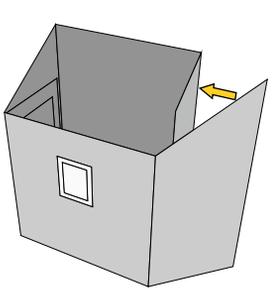
14a. Detach component L and place it face down on your work surface. Next, detach component S and glue it face down to component L. Then, cut out the window from the glazing sheet and glue to component L.

Repeat this step.



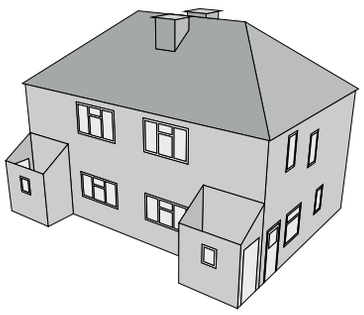
14b. Now fold component L along each of the crease lines and glue. This will form the outbuilding.

Repeat this step.



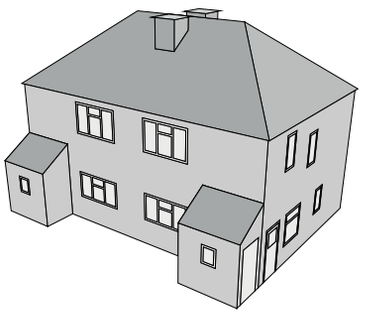
14c. Next, glue both outbuildings to the rear of the houses, as per the illustration below.

The doors on the outbuilding should be next to the rear door on the house.



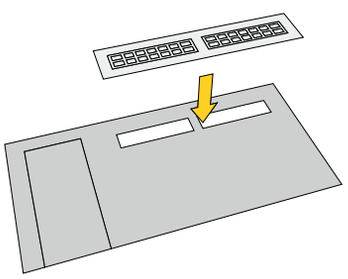
14d. Apply a bead of glue around the top of each outhouse. Then, detach component M (x2) and position them on the top of the outhouses.

We recommend using ATD low-tac masking tape to assist on this step whilst the glue cures.



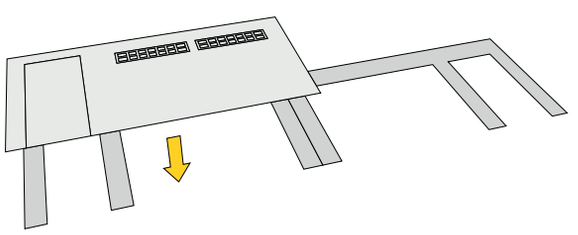
15a. Detach component Q and place it face down on your work surface. Then cut out the garage glazing and glue it into position.

Repeat this step.



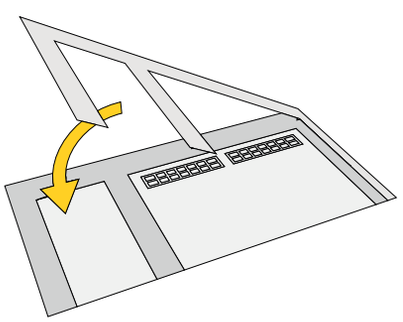
15b. Detach component P and place it face down on your work surface. Then take component Q and glue face up, aligned to the left hand side.

Repeat this step.



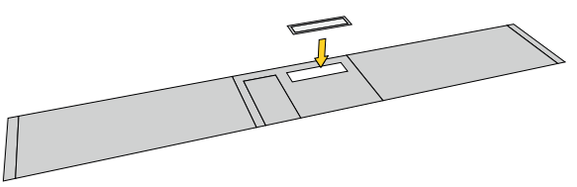
15c. Fold component P along the crease line and glue into position. This will create the garage front.

Repeat this step.



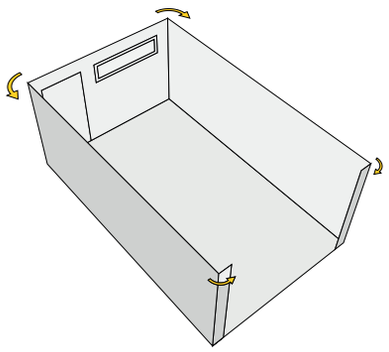
16a. Detach component O and place it face down on your work surface. Then cut out the garage window glazing and glue it into position.

Repeat this step.



16b. Detach component R and place it on your worksurface. Then take component O, fold it along the crease lines and wrap it around component R. Then glue once in position.

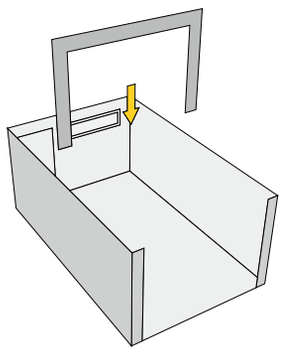
Repeat this step.



17. Detach component S, position it central to the garage and glue into position.

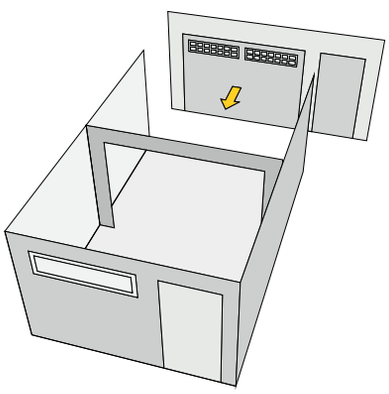
Repeat this step.

i Apply gentle pressure until the glue is semi cured to stop the tabs from lifting.



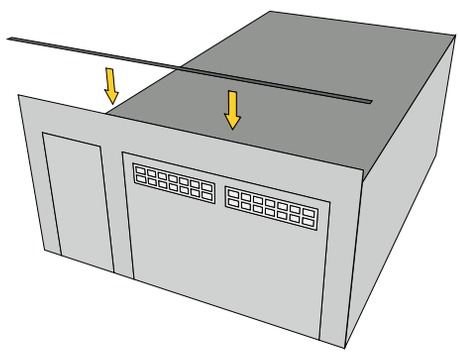
18. Now take the garage front and glue it to the tabs on component O.

Repeat this step.



19. Detach component T and glue it to the top of the garages. Then detach component U and glue it to the top of component P.

Repeat this step.



You have now completed the 1950's Semi Detached House kit. We hope you enjoyed and successfully built the kit! To view our other card kits, more products and find your local stockist, visit **www.atdmodels.co.uk**

We'd love to see photos of your finished models. Please send them to **enquiries@atdmodels.co.uk** for a chance to be featured on our social media pages.