



ASSEMBLY INSTRUCTIONS

Photo Real Scale Building Kit by **INNOVATIVE** HOBBY SUPPLY

Papa Wheelies Speed Shop



- A new alternative to plastic form scale building models!
- Photo Real Scale Building kits may be the most realistic kits available!
- Great for use on model dioramas, slot car, and train track layouts!
- Designed using photos of real building elements for the most realistic appearance



Footprint Dimensions

Model Base
8" x 11"

Papa Wheelies Speed Shop
5" x 9"

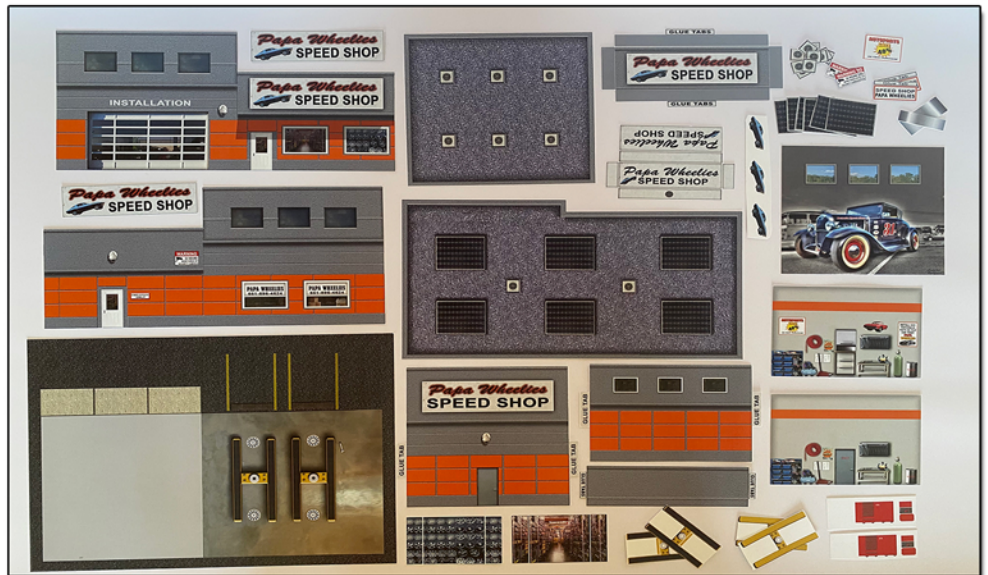
All scale building kits offer many optional features, for a variety of creative ways to complete each project!

Free replacement parts are available
call: 866-712-4059

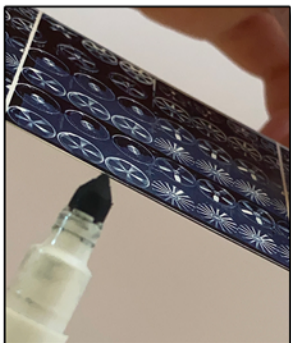


STEP 1 - Collect the correct tools.

For best results, we suggest you gather at least the most basic tools you will need to complete assembly. While you may find more tools that will help you achieve outstanding results, we suggest you start with the following: Hot glue gun, scissors, variety of water based colored markers, tweezers, straight edge rulers, hobby knife, instant setting high strength hobby glue.



STEP 2 - Empty contents of the kit, and carefully cut out all the individual parts to be assembled. Please note that the most precise cuts you can make will result in a dramatically better looking finished project.



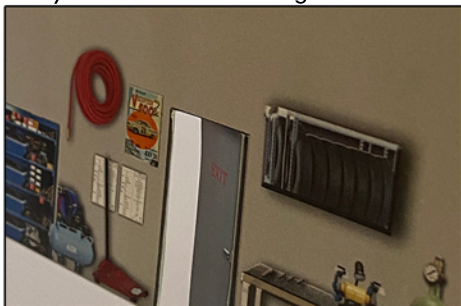
STEP 3 - With appropriate color markers, detail the edges of all the parts you cut out. This will result in a finely finished project once assembled.

STEP 4 - **Scoring.** Using a scoring tool (see picture) and a straight-edge ruler, apply pressure onto the surface of the part you wish to bend, on top of a line you want to fold. This is called scoring. Scoring along lines to be bent makes bending all printed parts easier, and results in a much cleaner looking fold. Bend parts using the length of your straightedge ruler. Scoring is an essential skill.





STEP 5 - With scale building kits, there is usually no correct place to begin. In this case, we'll start by prepping the inside of the Papa Wheelies inside garage. Grab the Back Wall, Left side wall, Back inside Garage Wall, and lastly the left inside Garage Wall.



STEP 8 - After grab the Left side wall, and the Left inside Garage Wall. On the Left walls, you can see a door. IF you want the door to open, read closely. Carefully cut the side of the door and top where it would open on Left side wall. Then Score the Hinge part of the Door so it can open completely. Next cut out the whole door on the Left inside Garage Wall. Glue the whole cut out door on to the back of the Left side Wall Door. Now you have a functional door! Glue the Left inside garage wall on to white side of the Left side wall just like we did earlier with the back wall.



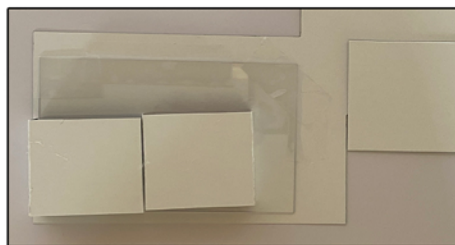
Step 11 - Now we want to cut out the Front windows while leaving the white window frames. Carefully cut out with hobby knife with a straight edge. Like shown above.



STEP 6 - Score and Fold the Left side Wall's Glue tabs on both sides. Use a straight edge and a Hobby Knife to score the tabs. Carefully line up the straight edge directly where the glue tab starts to touch the wall. Score down, then fold inwards.



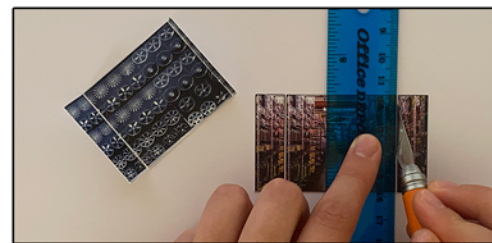
STEP 9 - Now that we've prepped the garage side of the building, let's 'open the garage door. Grab the Front wall. Cut out the whole garage door carefully using scissors for the sides, and a hobby knife to cut out the top of the garage. After Glue the cut out garage behind the Open cut out area where the garage door was. You can glue it as high up as you like depending how open you'd want it. Like shown above.



glass, I recommend putting on plastic gloves to avoid finger prints. Take off the White wrapper off the glass on both sides. Flip the Front wall, tape the glass on top of the cut out window sections. Then glue the illusion rooms downward on top of the taped glass. Make sure the rooms are 100% covering the cut out window sections before gluing, like shown above.



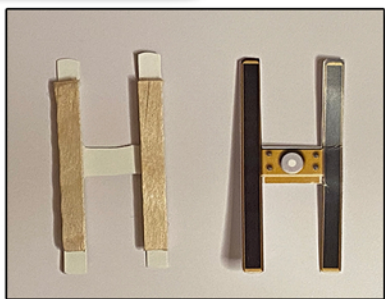
Step 7 - Next Grab the Back Wall, Flip it so the white side is facing you. Then place the Back inside Garage Wall evenly on to the Taller side of the Back wall. Make sure the bottoms line up perfectly. Then Line up the sides of the walls evenly before gluing with hot or white glue. The inside wall is meant to be smaller. So its okay if theres 1/4 inch white space between the two sides Look at the image above for a better understanding.



STEP 10 - Let's assemble the Front Window Illusion Rooms. Grab the left and right illusion rooms. Score and Fold on the white lines both sides. Fold the Side walls on the illusion rooms inward. Like shown above.



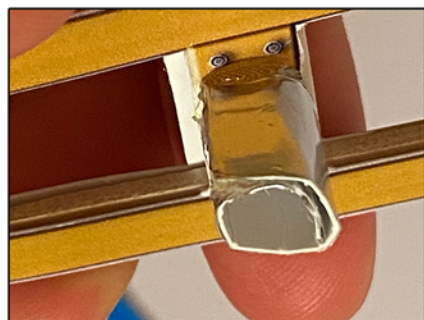
Step 13 - After it should look like this. For the few next steps we will start to score the other side wall and assembling the whole building together.



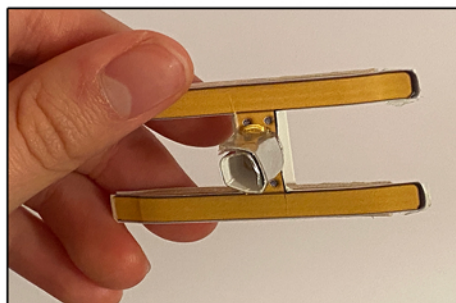
STEP 14 - Now let's finish the rest of the inside of the garage. Cut out both top and bottom car lift sides. Face the Bottom car lift downwards so the white side is facing you. Cut four pieces about 1 3/4 inch size of the Popsicle stick included with the kit. After place the one of the 1 3/4 inch stick evenly on both 'legs' of the white side facing bottom car lift, like shown above. Glue with hot or white glue. (the other two sticks are for the other car lift)



STEP 15 - Grab the top of the car lift, glue evenly on top of the bottom car lift with the Popsicle sticks upward, so it makes a 'sandwich'. Like shown above. But when gluing, glue the ends of the legs on the top and bottom car lifts together, apply a small amount of glue between the ends of the 'legs' and pinch together. Hold until dry. for better understanding look at image shown above



STEP 17 - Get a pencil or pen that's perfectly round, wrap the hydraulic ram around it a few times. When it starts to curve, roll it up to a similar size as sliver circle on the bottom car lift. Glue with hot glue. The Added foil on top of the ram makes it appear more 'realistic'.



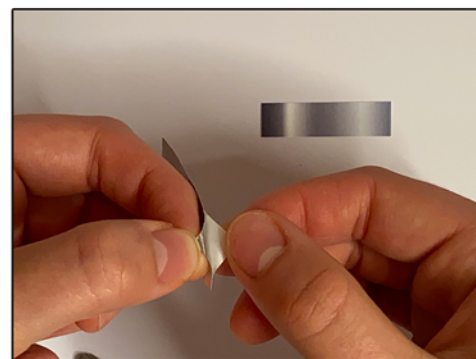
STEP 18 - Glue the finished Hydraulic ram on to the sliver circle placed on the bottom car lift. Like shown above. Repeat 14-18 steps to finish the other car lift.



STEP 20- Before gluing the side walls on glue the right inside garage wall on to the building base, where the dark gray section and the light gray section intervene. After that's glued, glue side walls in the correct spot, left, right.



STEP 21 - Now that all the walls are glued, score and fold the glue tabs on the Second level Right side Wall. Place the small wall between the top open right side gap. Should look like the image above. When gluing make sure the lines on the wall match up with the front wall. Glue with hot glue. Make sure the glue tabs are inside the building.



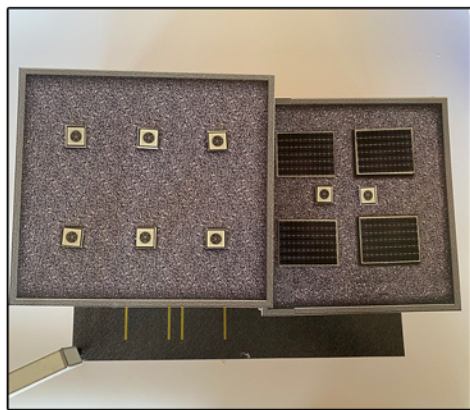
STEP 16 - Now finally, cut out both hydraulic rams, there's a taller and a shorter one. You can adjust the height if you want. (The foil is optional) After, grab the foil that was included in the kit, take off the back side like a sticker. Place it on top of the hydraulic ram. Use a flat edge to take out any air pockets trapped in the foil against the ram. Make sure it's smooth before going to the next step.



STEP 19- Now let's glue the walls on, Glue the front wall first. When gluing walls, place a small glob of glue behind the wall, lining up the wall evenly with the base.



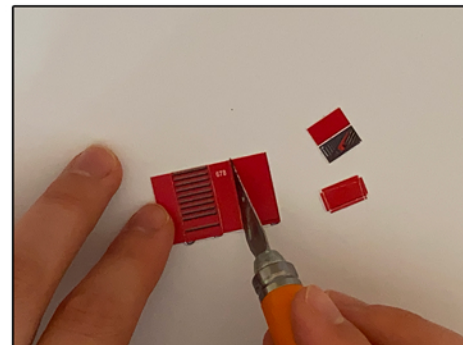
STEP 22 - Score and Fold the 3D First Level Front Pop Out Wall, fold the side walls on the Front Pop out Wall inward, and the Glue tabs Downward, like the photo above. Then after glue the assembled pop out wall on to the front papa wheelies speed shop sign.



STEP 23 - After assembling the Front Pop out Wall, place the correct roofs on to the matching side. I recommend gluing the lower roof on, and for the second level roof, just placing it on top and NOT gluing it on the building. Because you can place cars into the building any time more easily and efficient.



STEP 24 - Lastly, the building is complete. Now you can add any optional 3D add ones, like the Papa Wheelies Speed Shop sign to the front or back. In the Kit there are many add ones, like the awnings, like shown above. Simply fold the glue tab inward, use a little bit of hot glue and place them on top of the windows. There are also signs and posters you can add any where on the building. Have Fun!



STEP 25 - For an example, there is an optional Tool Box you can assemble for the garage. Cut out the Tool box and the Tool box tray. Score and Fold the white lines placed on the Tool box with a Hobby Knife. Fold the Tool Box and Glue. Next Grab the tray and carefully score / fold the little tray red tabs. After that is completed, use a small amount of glue to connect the tabs with the base of the tray. Place the 'Tool gray rectangle' into the tray to make it look like it has many different tools inside of it. Then place it into the Tool box opening on top. There's a small red lid for the tool box that you place on top if wanted.

***Go to the next page to see
the final results.***



ASSEMBLY INSTRUCTIONS

Photo Real Scale Building Kit by

INNOVATIVE
HOBBY SUPPLY

**Papa
Wheelies
Speed Shop**



Front of Building



Left Side of Building



Right Side of Building



Rear of Building