

HRCStore Workshop Basic Assembly Instructions

Read ALL Instructions Before Starting

Warnings:

Please read, understand and follow instructions. Working with cutters and knives carry a risk of severe cuts. Follow all manufactures' product and safety warnings. Damage to work surfaces from the blades and glues can occur if use improperly. **Work Slowly and Carefully.** Measure - test - re-measure - re-test - prior to fitting, peeling or attaching. Measure twice or three times - cut and fit just once! Wall Stickers **CAN NOT** be repositioned!

Step 1: Parts

Layout and identify parts - Kit contains:

1. Floor - 10" X 8" X ¼"
2. Backwall - 8" X 8" X ¼"
3. Sidewall - 10¼" X 8" X ¼"
4. 8½" X 11" Graphic Accessory Sheets (2)
5. 8½" X 11" Wall Graphic Sheets (2)
6. 8½" X 11" Floor Graphic Sheet
7. Instructions



Step 2: Tools

Gather the tools you will need:

1. X-acto knife
2. Sharp Pencil
3. Scissors or Paper Trimmer
4. 5 Minute Epoxy (glue that works with styrene/pvc plastics)
5. Metal Straight Edge
6. Scrap Cardboard or Craft Cutting Board
7. Work Surface Protection Sheet (newspaper or plastic)
8. Clean, Smooth, Flat & Level worksurface

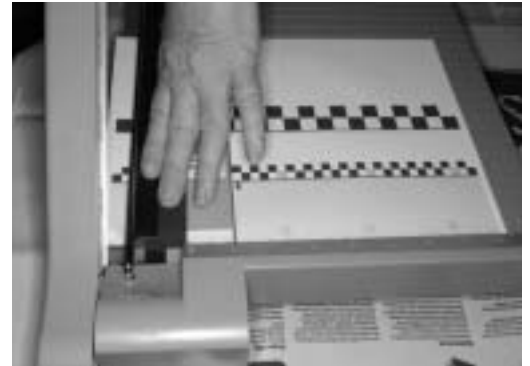


Step 3: Trim Sidewall Sheet

Carefully trim sidewall graphic sheet:

Use scissors, X-acto knife or paper trimmer

1. Trim to graphic edge - left side
2. Trim to graphic edge - right side
3. Trim to graphic edge - bottom



Instructions based on doing assembly without a second person helping hold the parts.

Step 4: Sidewall Alignment Marks

Use floor plastic sheet as width guide:

1. Carefully align floor edge to sidewall edge (see photo)
2. Mark with sharp pencil - tight to wall edge
3. Note gap between pencil line and floor - that gap needs covered when placing sidewall graphic sheet.



Step 5: Sidewall Alignment to Plastic

Use pencil line as guide - Remember - floor gap:

1. Align sidewall graphic to cover pencil line
2. Hold in place and add clamp
3. Note clamp has paper protecting graphic from clamp mark!!
4. Add second clamp (with protective paper)
5. Refit floor to edge to make sure sidewall graphic is in proper place and in alignment.



Step 6: Pre-Peel Position Check

Last chance to get it right!

1. Re-check sidewall graphic alignment - use floor or ruler as a guide
2. Does wall graphic extend beyond sidewall on 3 sides?
3. When placed - graphics **CAN NOT** be repositioned



Step 7: Peel Seams

The adhesive backed graphics sheets have 3 parts and sometimes they are hard to see. Be careful not to crease the paper while trying to find or separate the backing from the graphic sheets.



Step 8: Peel Step One

1. Peel one-third of the protective backing from the graphic sheet.
2. Carefully smooth the paper to the sidewall plastic.



Step 9: Peel Step Two

1. Remove Clamps
2. Peel second-third of the protective backing from the graphic sheet.
3. Carefully smooth the paper to the sidewall plastic.
4. Peel last-third of backing from the graphic sheet and smooth in place.



Step 10: Trim Excess Graphic Sheet

Trim excess paper on the three sides of the graphic sidewall. X-acto knife works well if the blade is new and sharp. Shown here face down on cutting mat. This can also be trimmed from the front side by running the x-acto blade - using the wall edge as the guide.

Paper can be wrapped around end of wall to give a different finish to the edge. Doing this style may require glue to hold the paper on the edge. Apply carefully to avoid excess glue showing.



Step 11: Trim Backwall Graphic

Carefully trim backwall:

1. Trim to graphic edge - left side
2. Trim to graphic edge - right side
3. Trim to graphic edge - bottom
4. Lay on backwall plastic - align with sidewall and check fit.

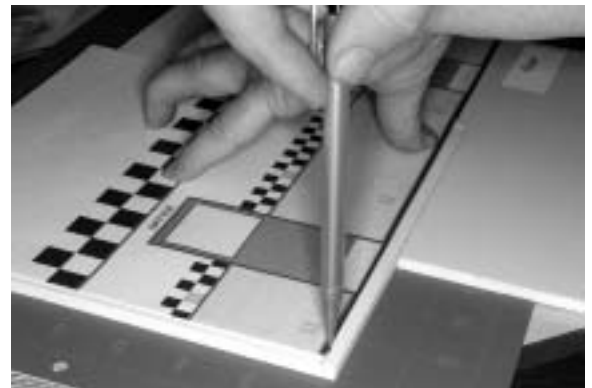
Shown is improperly cut backwall - note bottom doesn't match. Measure twice - cut once!



Step 12: Backwall Alignment to Plastic

Align backwall to sidewall (floor sheet helps align). Overlap backwall graphic and align with sidewall. Hold in place and mark edge placement alignment to backwall plastic.

Carefully mark with pencil. Note gap between pencil line and graphic edge - that gap needs covered when aligning backwall graphic sheet to backwall plastic.



Step 13: Backwall Alignment & Clamp

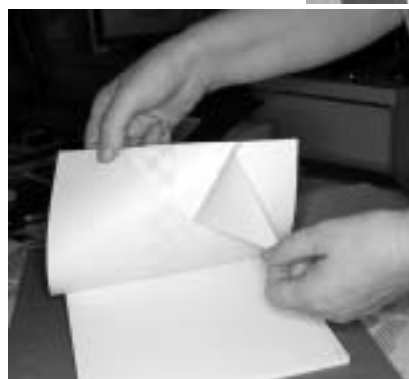
Use pencil line as guide - Remember - the bottom gap:

1. Align backwall graphic to cover pencil line
2. Hold in place and add clamp
3. Note clamp has paper protecting graphic from clamp mark!!
4. Add second clamp (with protective paper)
5. **RE-CHECK NOW** - Refit floor to edge to make sure backwall graphic is in proper place and in alignment!



Step 14: Peel and Place

1. Peel one-third of the protective backing from the graphic sheet.
2. Carefully smooth the paper to the backwall plastic.
3. Remove Clamps



Step 15: Backwall Trim

Trim excess paper on the three sides of the graphic backwall. X-acto knife works well if the blade is new and sharp. Shown here face down on cutting mat. This can also be trimmed from the front side by running the x-acto blade - using the wall edge as the guide.



Step 16: Paint or Cover Floor

Cover floor surface using the checkered flag graphic or paint. When painting keep one end and one side free of paint. Area is needed clean for glue joint later.

Step 17: Prepare to Glue Walls

1. Protect work surface with plastic or paper.
2. Align floor and backwall. Brace wall with weights (3D Crystals used here - \$1 at swap meet - books - canned food - water bottles also works).
3. Mix 5 Minute Epoxy - short cure time (other adhesives work as well)



Step 18: Glue Backwall to Sidewall

1. Apply adhesive to edge of backwall.
2. Leave small gap at bottom near work surface.
3. Get good coverage all the way to the top of the edge.
4. Carefully align sidewall edge to backwall & floor.



Step 19: Brace Walls For Drying

1. Align sidewall and backwall. Brace walls with weights.
2. Carefully make adjustments NOW. Re-check alignment!
3. Make sure walls are plumb and edge joint aligns at 90°.
4. Use floor as part of bracing and alignment.



Step 20: Glue Floor (Optional) & Decorate

1. Once sidewall and backwall are dry, test floor placement.
2. Lay walls so sidewall back is down. Apply adhesive to the two correct floor edges. Carefully position floor in place. Use weights to hold floor in alignment till adhesive sets.
3. Make sure walls & floor are plumb and edge joint aligns at 90°.
4. See graphic instructions on page number 6 (ie. last page).
5. Cut out desired stickers, trim very carefully and decorate to taste.





Add the models and accessories of your choice to bring your diorama to life.

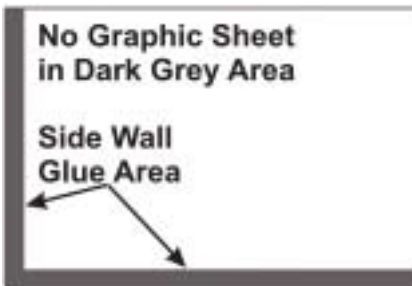
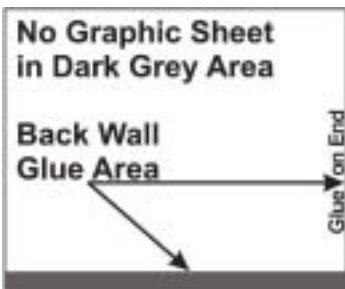
Take your time. Carefully measure and check each step before you cut, glue or stick down the wall graphics. Done properly this time frame can extend over several days to complete your diorama.

If you have questions please feel free to write us at info@hrcstore.com. You can see the graphics used for this instruction sheet in a larger size and

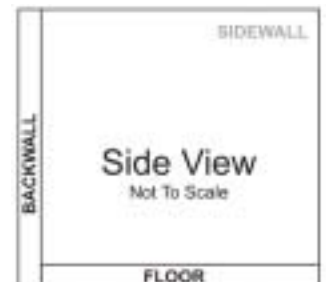
in full color at www.hrcstore.com/support/workshopone

Visit our eBay store at <http://stores.ebay.com/HRCStore> to see more of our exclusive resin model parts as well as many items related to stock car racing and racing in general.

These instruction sheets are available online as a PDF file at <http://www.hrcstore.com/support/wsone.pdf>



Keep in mind that the glue areas must be free of dirt, oils and graphics. Shown (left & not to scale) are the areas to keep free for the glue joints. For the floor, choose which side and which end will be kept free of paint (if you choose to paint the floor) so that will mate with the walls. The GE Plastic will glue with epoxy, PVC cement, cyanoacrylate (Crazy Glue) and some silicon caulk adhesives. Always read and follow manufacturers safety precautions when working with adhesives. Take great care to protect skin and eyes from contact. Protect work surface as well.



The graphics to the right are a flat plan to show that the floor joins the sides of the walls and

NOT that the walls set on top of the floor. The sidewall is the longest so the backwall glues to side of the sidewall and NOT on the end. Dry fit the parts to make sure you plan to glue the parts matches the way they are cut out. This is sometimes missed just looking at the photos. Remember - measure, fit, align, test and try at least twice or three times - cut or glue just once

Always use hobby tools with the proper cautions and keep in mind to work slowly and carefully. Take great care and safety precautions when using hobby knives.

HRCStore Workshop Graphics Instructions

Read Complete Instructions Before Starting

Please read, understand and follow instructions. Working with cutters and knives carry a risk of severe cuts. Follow all manufacturers' product and safety warnings. Damage to work surfaces from the blades and glues can occur if use improperly. **Work Slowly and Carefully.** Measure - test - re-measure - re-test - prior to fitting, peeling or attaching. Measure twice or three times - cut and fit just once! Wall Stickers **CAN NOT** be repositioned!

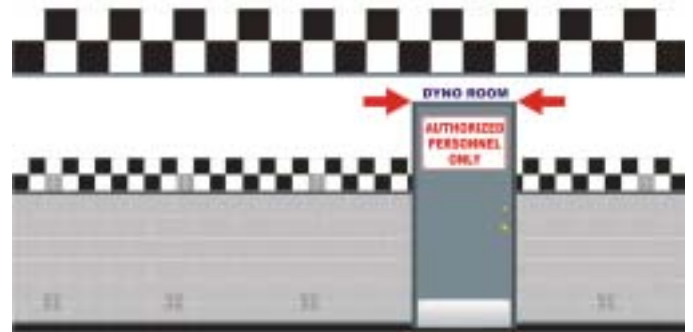
We have done these graphics several different ways. In order to help meet customer suggestions we no longer place doors and windows on the sheets. This allows the end user to decide where the graphic accessories are placed in their garage.

The advantage is total control of what, where and how you place the graphics in your garage. The challenge is that in some cases the bold graphics and lines show through the graphic placed on top. The fix is very simple but takes some planning and care.

Placing the Accessory Graphics:



Fig. One



Choose and carefully trim out a graphic. Decide where the door, window or logo is to be placed (Fig. One). If the area behind the graphic has printing it is best to remove the printing. Mark the edges or sides of the graphic in light pencil. Shown below as red lines (Fig. Three).

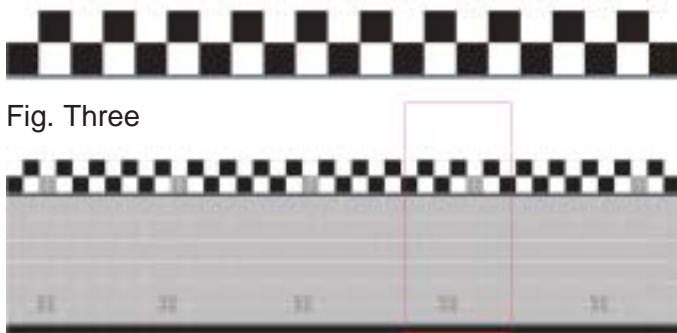


Fig. Three

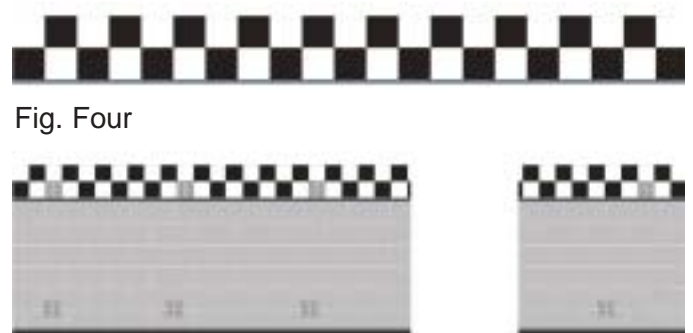


Fig. Four

Using a metal straightedge and a sharp X-Acto knife (Fig. Four) cut the underling graphic and peel all away.

Carefully **TEST**-position the new door, window or accessory graphic in place. When you are satisfied that the graphic fits and looks good, peel off the backing material and very carefully place and smooth the graphic into place.

This allows the end user to customize the layout of their individual garage graphics.

This page is available online as a PDF file at <http://www.hrcstore.com/support/wsonep6.pdf>

