

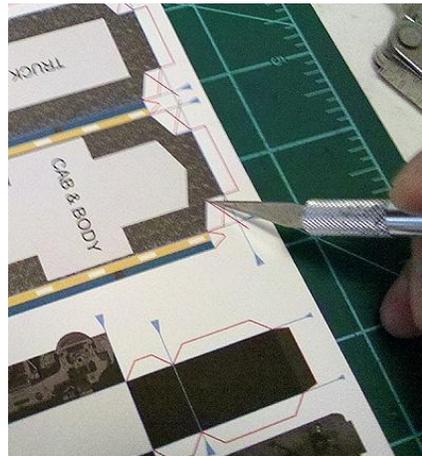
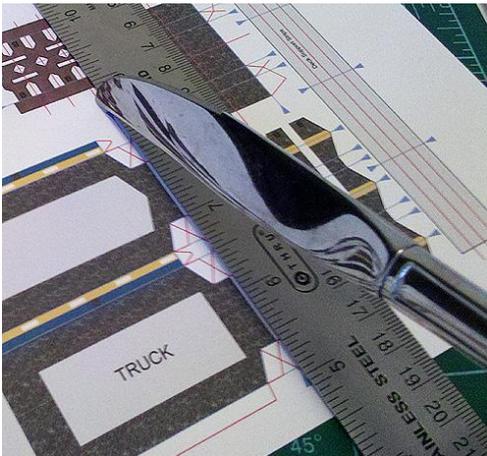
RXR Models – General Assembly Instructions for Hoppers

(Parts and/or photos may vary depending on specific model)

DO NOT PRINT THESE INSTRUCTIONS ON CARD STOCK PAPER!

Print these pages on standard copy paper, then switch to card stock for the model parts only.

Print design pages on a good “Card Stock” or “Tag Board” type paper. The model can be done on conventional 20lb copier type paper of course, but thin paper will not hold shape very well and the assembled model will be very “wobbly”. A good heavy card type paper will be easier to construct, provide cleaner lines, and make a good sturdy model.



Score all Blue lines prior to cutting parts from sheet. This can be done with any blunt blade, like a dull butter knife, or other thin blade that will not cut the paper. Use a metal ruler, or metal-edged ruler to keep lines straight. Blue Guide Arrows are provided where possible, however, there are fold lines that arrows cannot be placed on, so look closely for those.

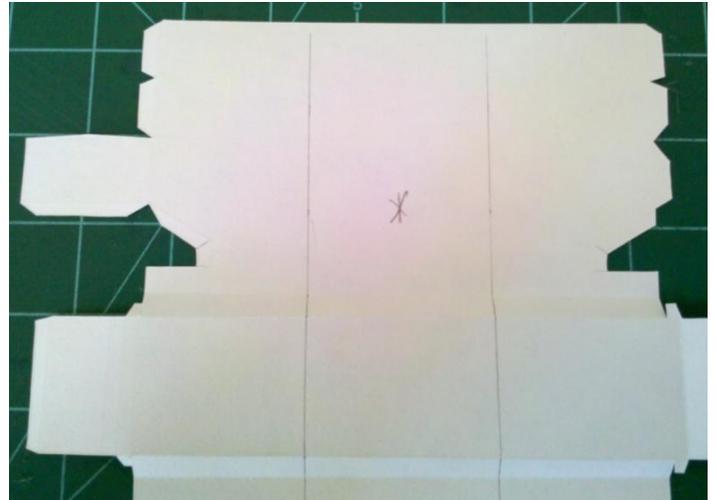
Cut out parts using a good sharp modeling knife. Cut all Red lines as they indicate additional cuts needed. *Caution/Disclaimer: Use of sharp modeling knives should not be allowed by children unsupervised!*



Before assembling (gluing) parts; always color all cut edges and fold lines to eliminate the white lines left by the uncolored paper. Avoid using dark permanent markers; instead use highlighter type markers for a more natural look. Use Gray for Black and dark areas, and try to match other colors where possible. This makes for a much more realistic model.

Assemble upper portion of unit as shown:

1.) Score all score lines on the Box before cutting and gluing any parts. Cut out box, but leave the 4 wedge shape wheel well areas in place for now. Make sure to cut all additional Red lines. Turn section over and locate approximate center point. Then draw 2 parallel lines about 1" to each side of center mark. These will be guidelines for locating the Internal Supports later.



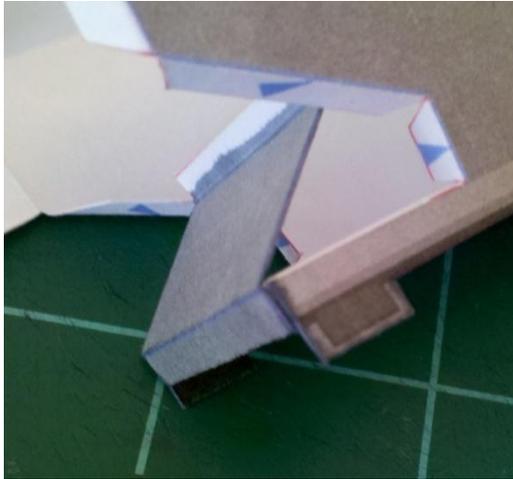
2.) Fold the sides over and glue the overlapping areas along the length of the bottom to form a "recessed" belly area.



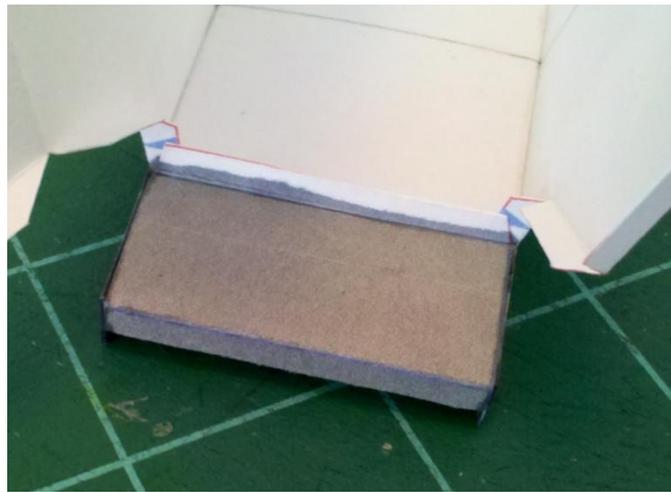
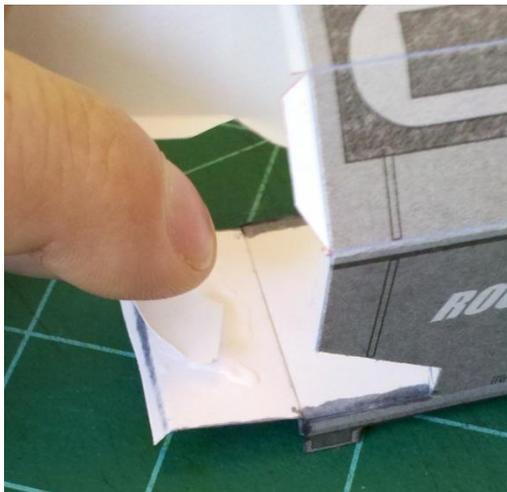
3.) Allow the glued bottom seams to dry thoroughly before trying to cut out wheel well areas. Trying to cut these before glue is totally dry will have bad results. Once dry, go and cut out the 4 wedge areas (which are now 2 layers thick glued together). Color exposed edges with highlighter marker.



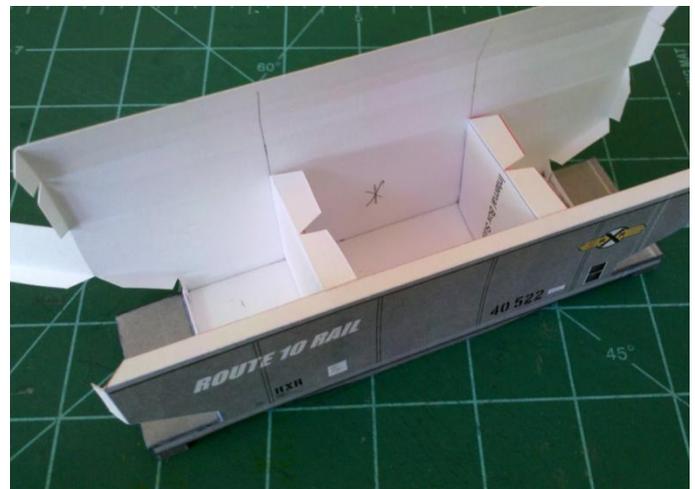
4.) Double over and glue lower edges of the Deck Ends to complete the recessed bottom so the ends match the sides



Then apply a thin layer of glue to backside of End flap and glue back to base to cover the "Floors" on each end.



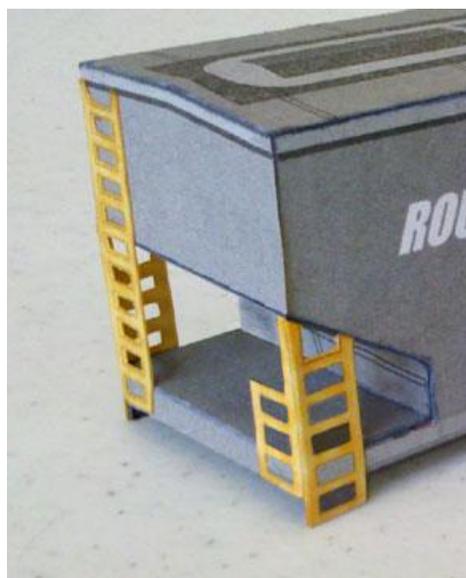
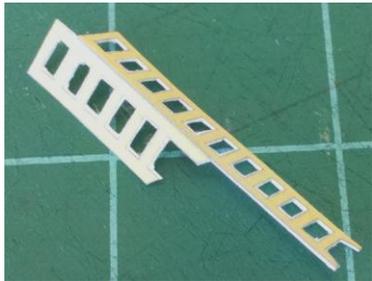
5.) Add Internal Supports. Locate using the pencil lines drawn earlier. Glue them to walls and floor and let dry.



6.) Glue both Upper Ends into place and then glue tops of Internal Supports and Roof edge and fold Roof down and glue into place keeping box square and level. Complete the box by adding in the two End Plates into the angled areas on each end.



7.) Ladders can be added in any way you like. Cut out and color as you want them. (I did yellow here). Four full ladders are provided, but just add as you want. Full ladders can be cut down shorter. I have seen units where there are full ladders on one corner and shorter ladders on the other. Examples shown.



You can leave them off entirely, or if you prefer, just use as templates and construct ladders from round toothpicks for a more realistic look.



8.) Slip completed Box onto an assembled RXR 40ft Flatcar (Sold Separately). The top unit should slide easily, but snugly onto the Flatcar assembly. Gluing is NOT necessary or recommended. This will allow you to change or remove tops easily if you want to swap tops or use Flatcar alone later.

Enjoy!!



RXR 40ft Hopper

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