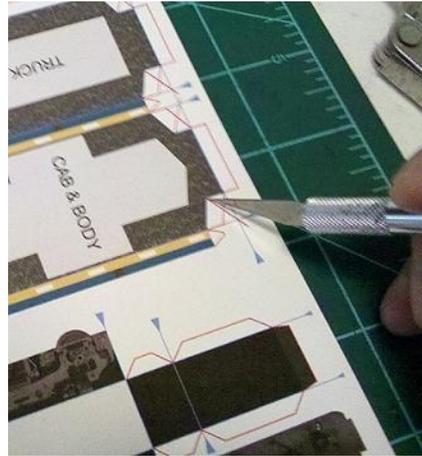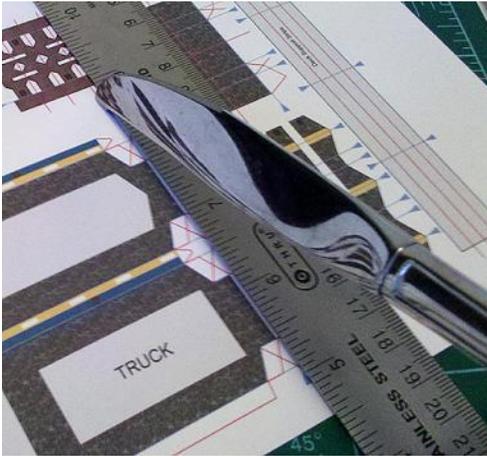# RXR Models – General Assembly Instructions for Express Passenger and Baggage Cars.

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

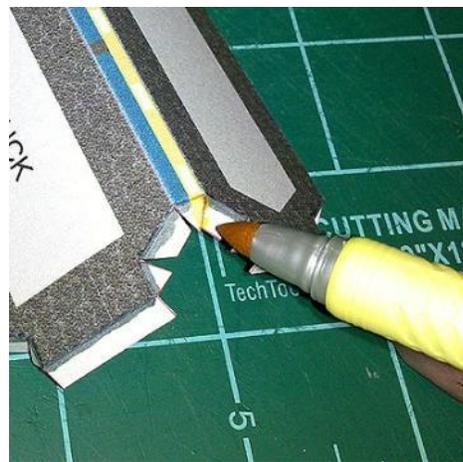**DO NOT PRINT THESE INSTRUCTIONS ON CARD STOCK PAPER!**

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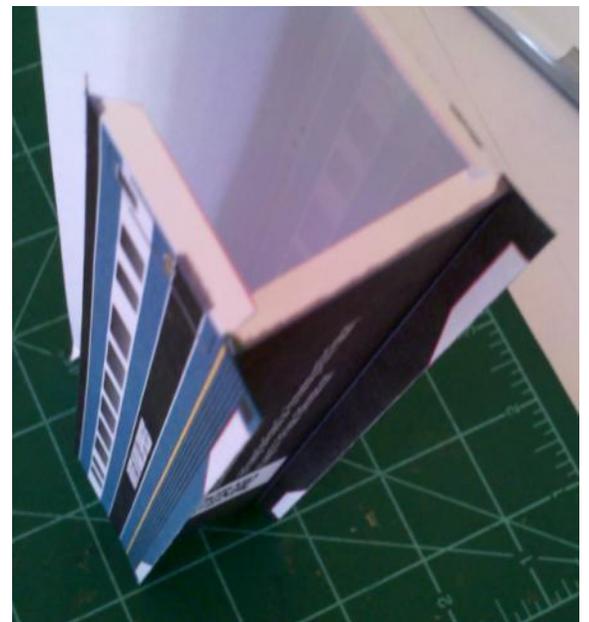
Before assembling (gluing) parts; always color all cut edges and fold lines to eliminate the white lines left by the uncolored paper. Avoid using dark permanent markers; instead use highlighter type markers for a more natural look. Use Gray for Black and dark areas, and try to match other colors where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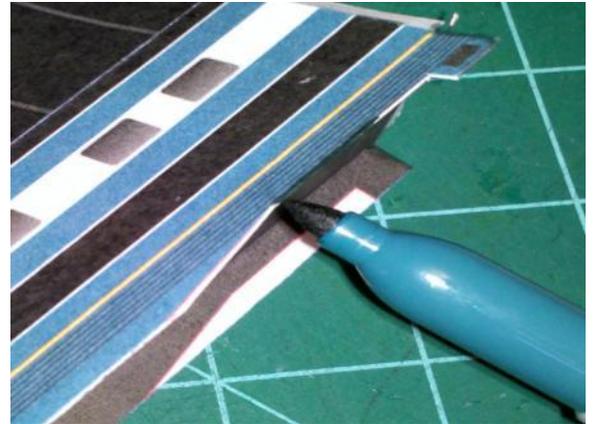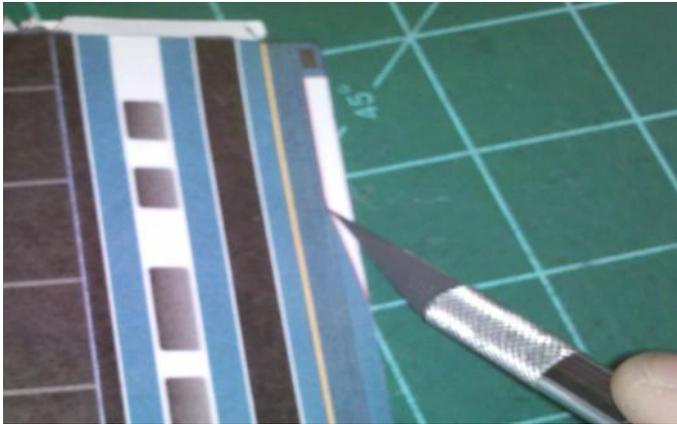
## Assemble upper portion of unit as shown:

1.) Fold 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.
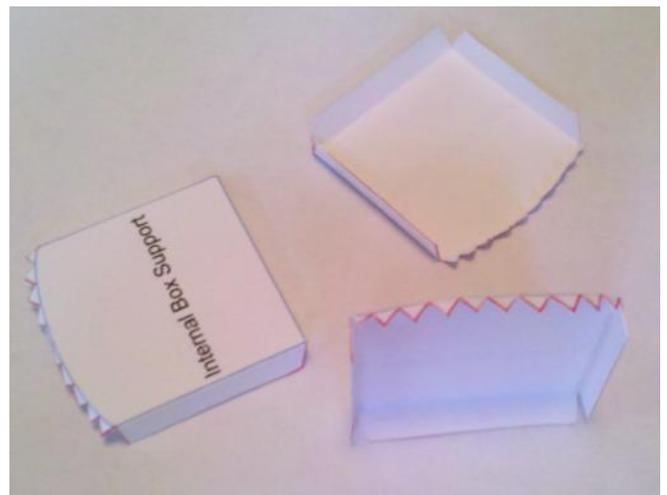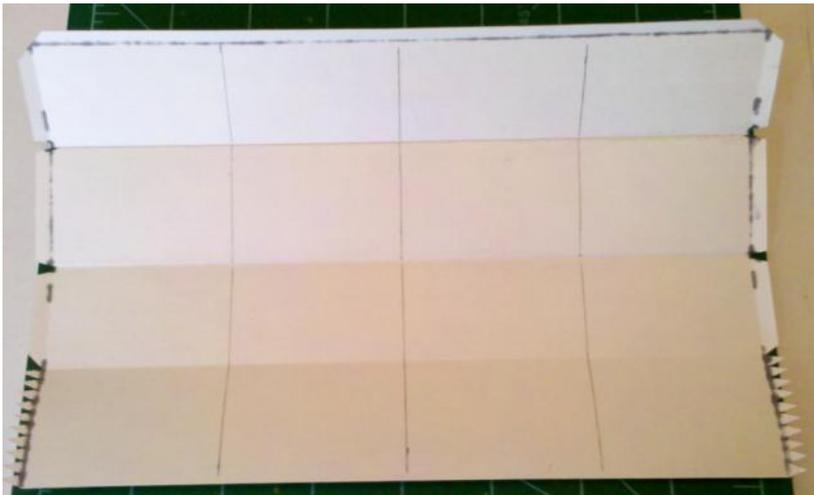


2.) Fold the sides over and glue the overlapping areas along the length of the bottom to form a "recessed" belly area.
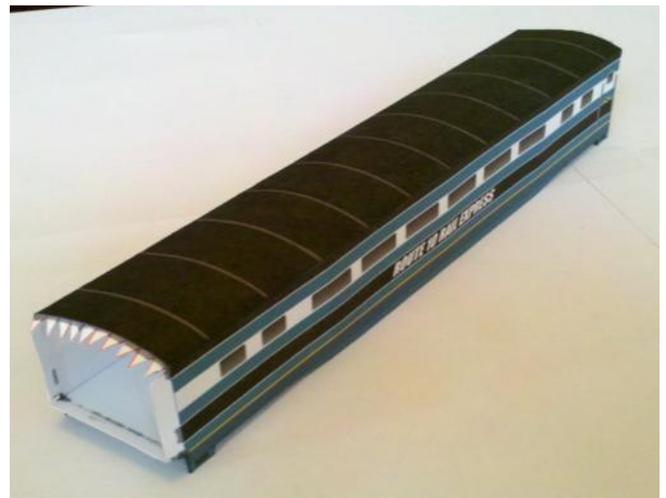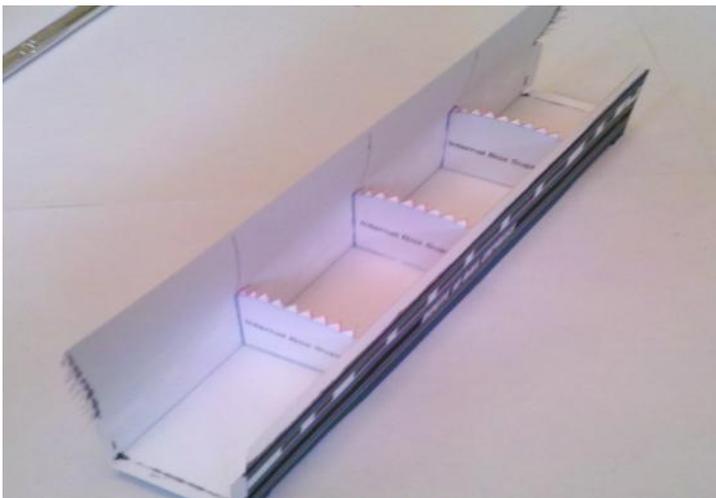
3.) After the glue is completely dry, go and cut out the 4 wedge areas (which are now 2 layers thick glued together). Color exposed edges with highlighter marker. Allow to dry completely! Do not try with glue wet. It will just tear edges and pull them apart.
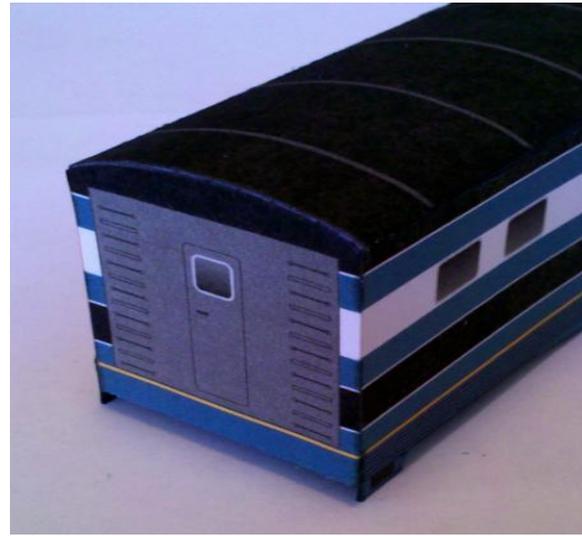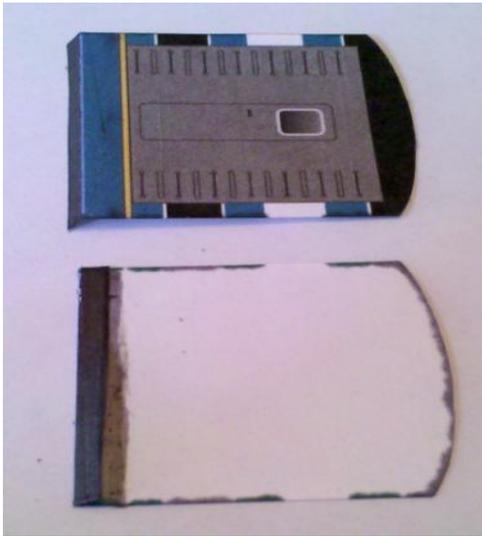


4.) Measure length of box and draw 3 parallel lines on backside dividing box equally into 4 sections. If there are only 2 internal supports, divide box into thirds. These will be where the internal supports are positioned.
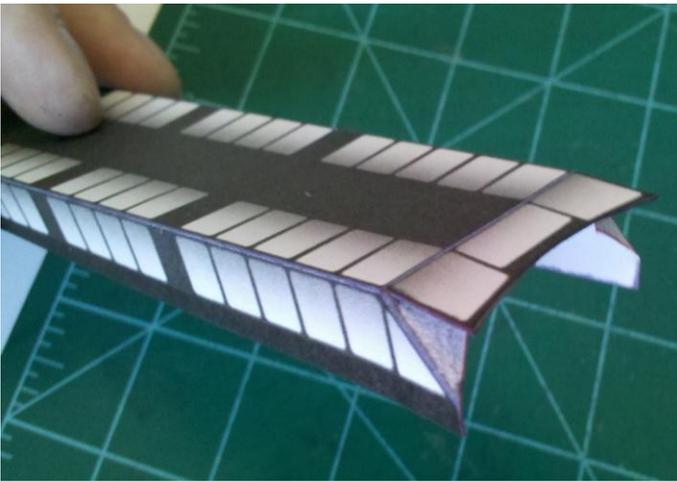


5.) Add Internal Supports at the lines drawn. Glue them to walls and floor and let dry. Then glue top flaps of Supports and fold and glue roof down onto the side. Make sure end corners align perfectly to keep box square.

6.) Fold bottom edges of ends over and glue to backsides. Glue ends into place in the obvious fashion.



7.) Passenger cars will have optional domes that can be added if desired. Cut out either the short dome or full dome and score and cut corners. Corners glue together in obvious manner. Gently "Bow" the arched ends outward as shown. This does two things; It helps conform the arch to the roof better, and pulls the side edges inward to grip the box better.

Position dome wherever desired. You can glue on, but dome should grip top and not need glue. By not gluing this on, you can change its position or remove later if you choose to change things up occasionally.

8.) Slip completed Box onto an assembled RXR 60ft Flatcar. 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 60ft Passenger Dome Car Shown