

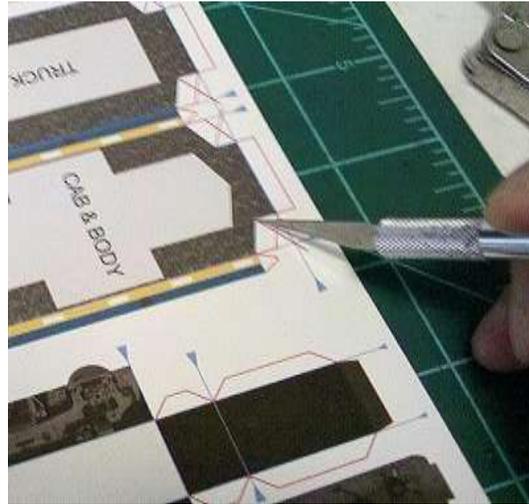
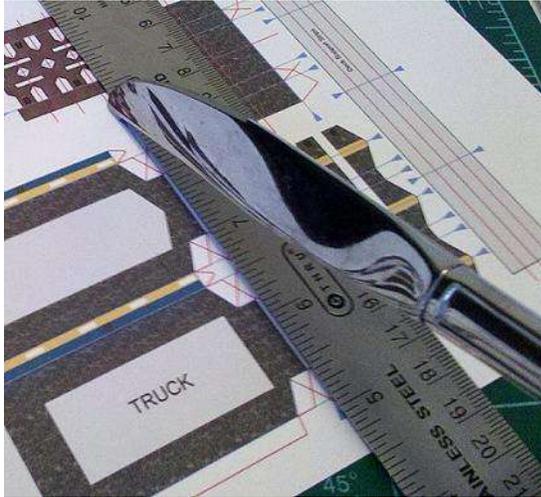
## RXR Models – General Assembly Instructions for SW Series Yard Switchers

(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.

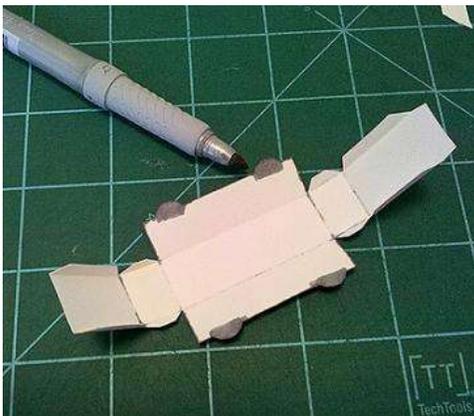
## Assemble lower portion of unit as shown:

- 1.) Fold all score lines on the Deck before gluing any parts. Also fold score lines on the Deck Support strips in a zigzag fashion. The support strips should be glued into the inside of the deck prior to folding the deck closed.

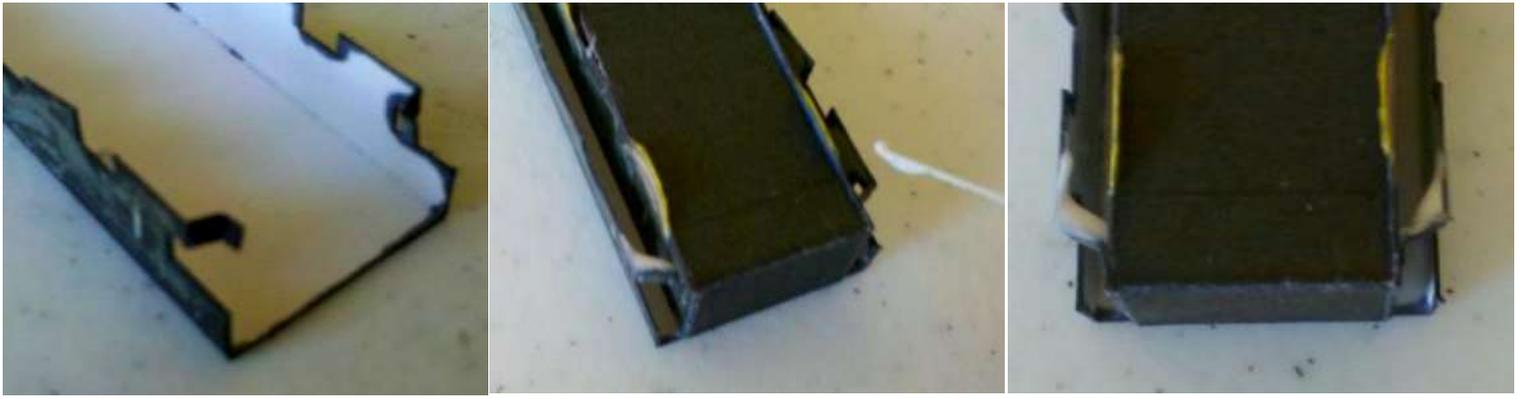


- 2.) Fold the Deck halves over to encase support strips. Apply glue to the strips on the top and bottom so they will bond the top and bottom surfaces of the deck to provide a rigid structure. Be sure to square up and align the sides before the glue sets. **DO NOT** glue the tabs on the ends of the deck just yet!

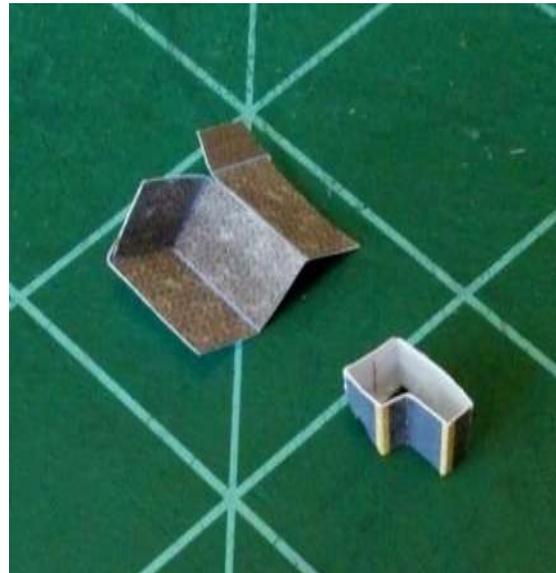
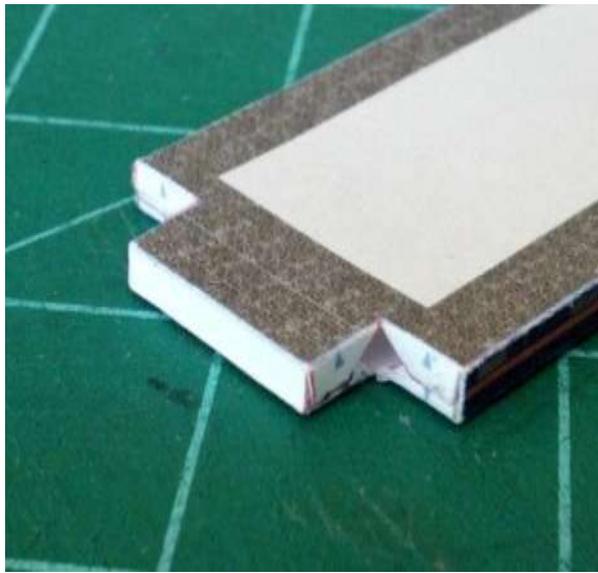
Then immediately place assembly on a good hard flat surface and apply evenly distributed weight with a flat object to keep deck completely flat while glue dries. This is the foundation of the model! Allowing deck to dry without weighting down will allow the deck to twist or warp, and if that happens then the entire model will be warped!



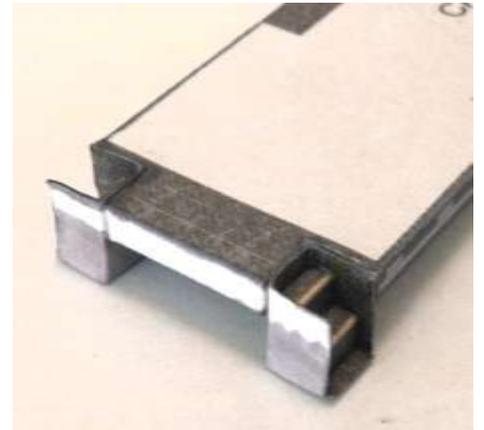
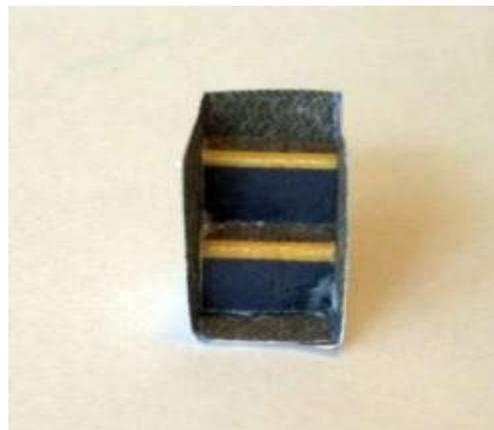
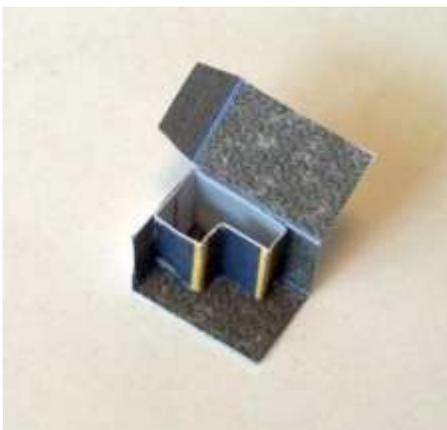
- 3.) While the Deck is drying, move on to the Truck Units. Again, score all fold lines before cutting. Darken edges and backs of the wheels with Gray highlighter. Truck units fold up into a "box" type structure. Assemble the 2 items and just be sure to keep sides and ends square. Then fold Truck outer assemblies and wrap over completed Trucks. Center the outer covers with the area marked on the Trucks between ends and center the Trucks with equal overhang on each side using the guidelines. This will give the trucks a realistic 3d/shadow effect.



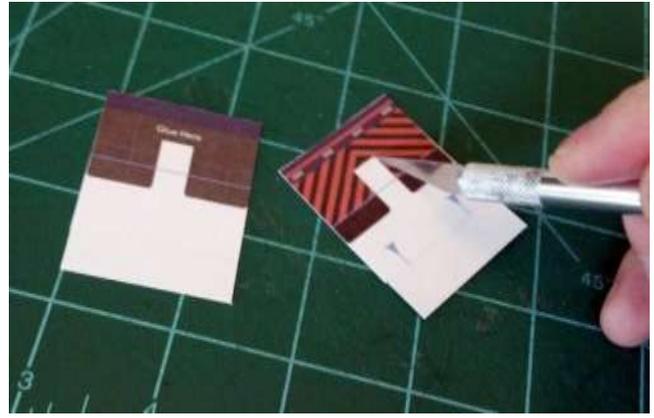
Note that the outer assemblies have ties at each end. Fold these in, and after gluing Trucks into place, glue tab ends to the trucks. Then using a toothpick or thin strip of paper, add a large dab of glue to the inner corners. This will dry clear and reinforce the corners, but will not be visible from above.



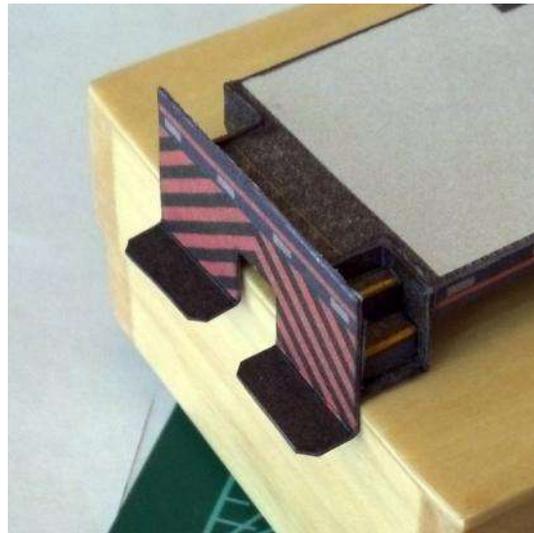
4.) Once Deck is dry, complete the unit by folding in the tabs at both ends of the Deck and gluing them. Cut out the 4 Stair Well Panels and steps. Fold and glue the tabs to form the stair wells as shown above. Using Gray highlighter, also darkened the backs of these pieces. Fold and glue the stair units into the “L” shape as shown.



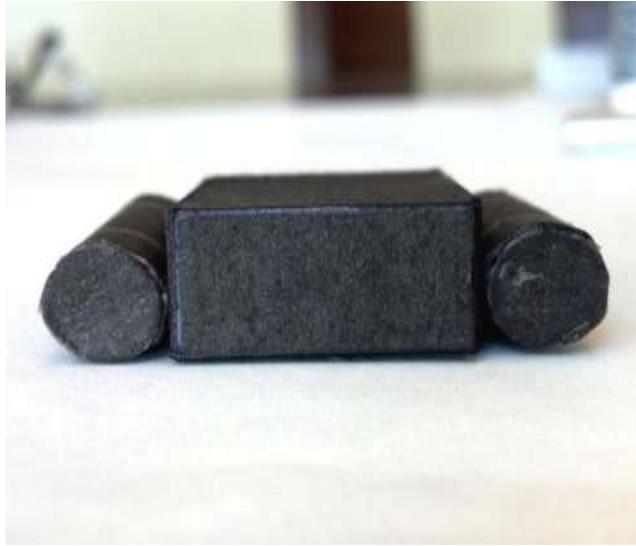
5.) Glue the 4 Stair units into the Wells as shown above and complete these by gluing the last side into place. Then glue the four completed Stair Well boxes into the corners of the Deck. Flush the tops of the Stair Wells with the top surface of the Deck. Let glue dry to lock placement of these. Finish off edges of steps with yellow colored highlighter.



6.) Score the center line only on the End Caps. Fold End Caps in half and glue to become two-sided pieces. Cut the remaining portions away after glue dries to get one solid cut through both layers. Then score second line and fold the "Feet" forward as shown above.



7.) Glue ends onto completed Deck; align the bottom of the Stair wells with the light gray guide lines and center evenly side-to-side. End caps will stick up slightly above deck on top side.



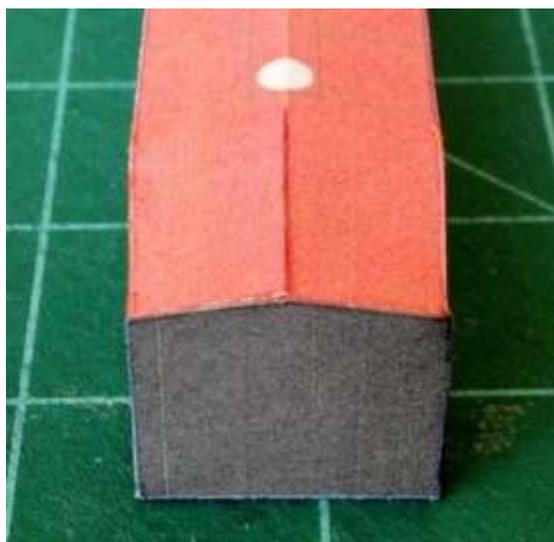
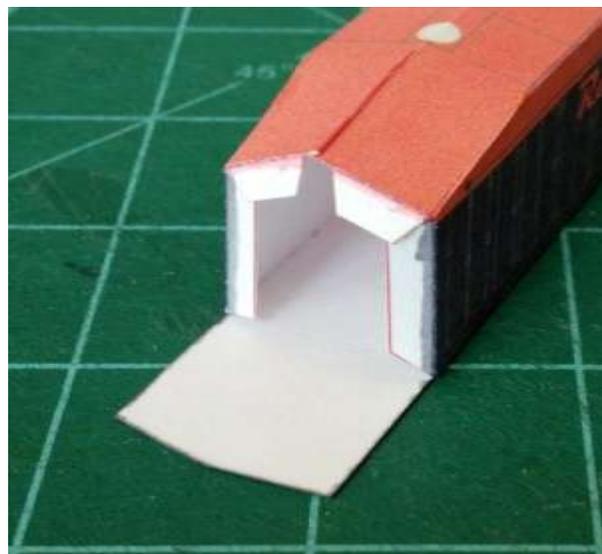
8.) Assemble the two Round Side Tanks as shown. Then fold the Central Square Tank up into a basic box structure. Glue the Round Tanks to each Side of the Square Tank. Sit the Square Tank on a Flat Surface and Glue Round Tanks so that they also sit on the Flat Surface. This will make the Round Tanks off-center vertically, but this is the way it should be.



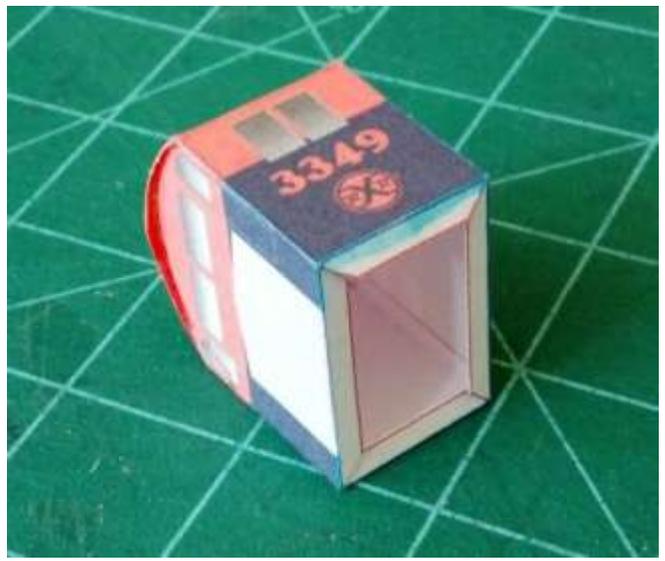
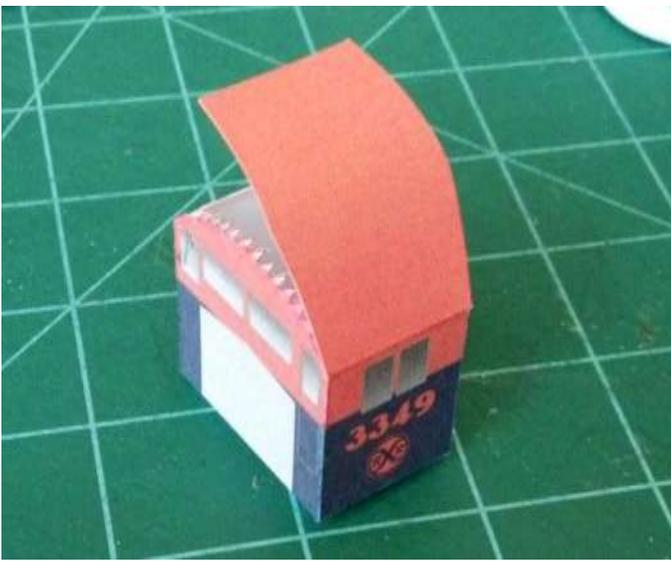
9.) Attach Trucks and Fuel Tank to the bottom of the Deck Assembly; position as indicated on the underside of the Deck. Note the Round Tanks should be placed so they are on the LOW side. There should be a slight SPACE between the Round Tanks and the underside of the Deck. Finally fold and attach Couplers as shown with the letters "B" facing down. If you always face the "B" downward – all other RXR cars and Engines will couple to it properly. The Lower Assembly is completed !

## Assembling the Upper portion.

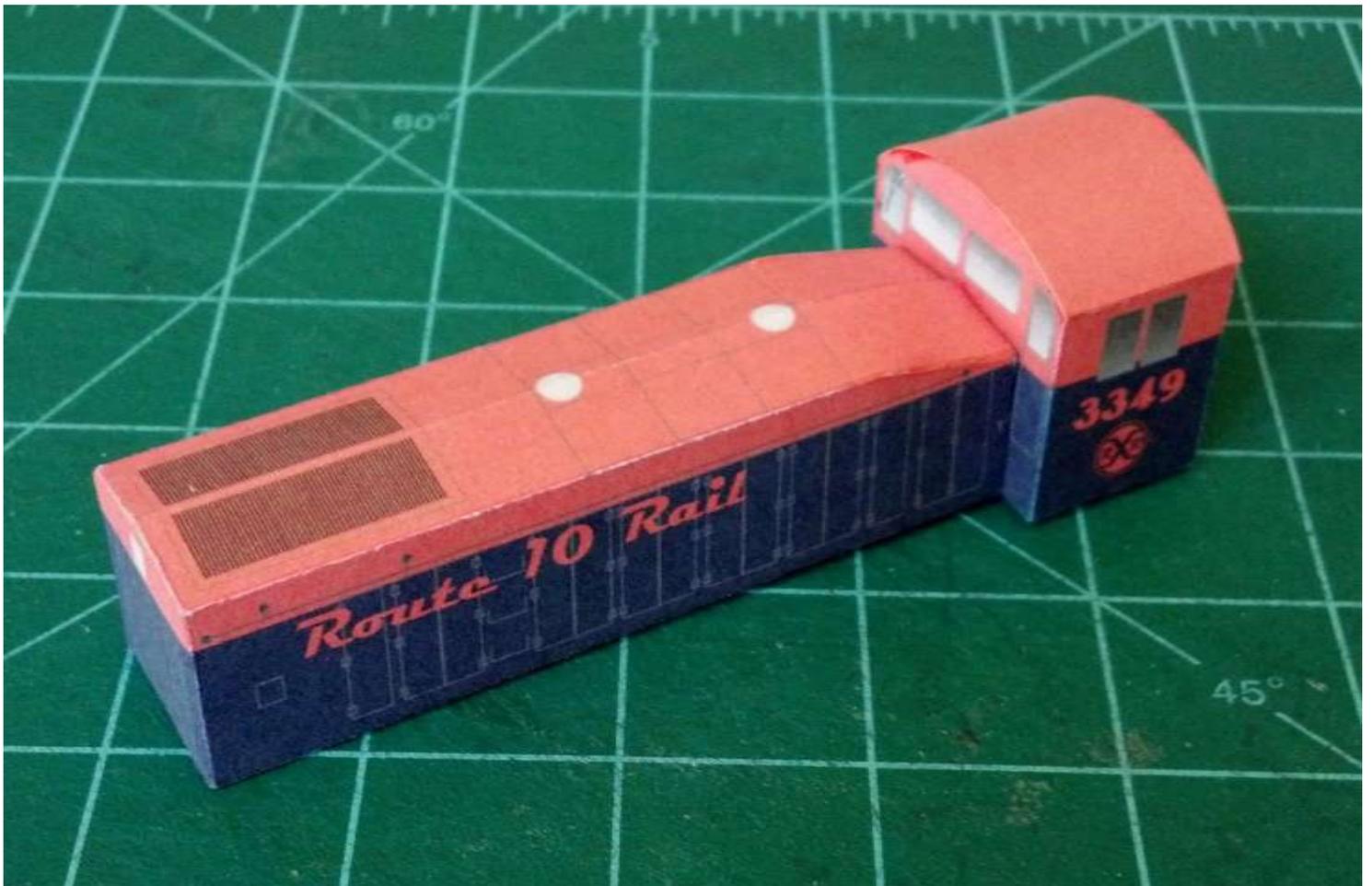
1.) After scoring all blue fold lines, carefully cut out the main body. NOTE at the cab end there are several extra cuts to be made to accommodate the taper in the hood. So follow the red lines completely here. There is a score/fold that runs the length of the top of the hood that isn't lined (I didn't want the line visible on the finished model) It runs from the front center point back to the point where it intersects the red diagonal slice line behind the second dot for the Stacks.



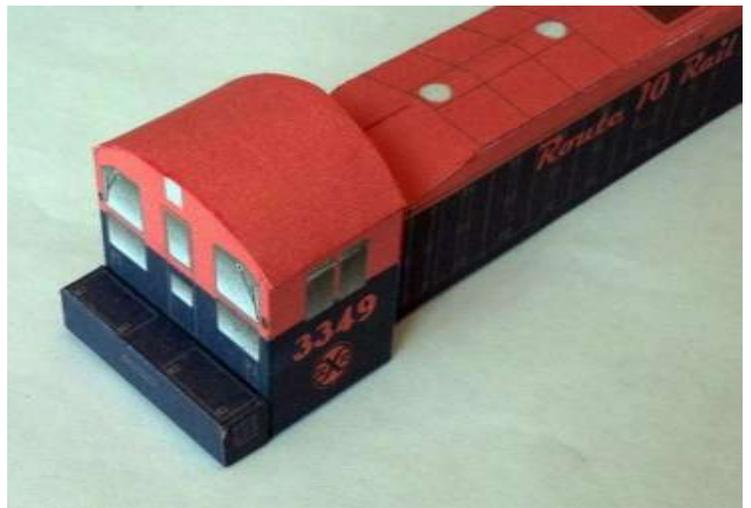
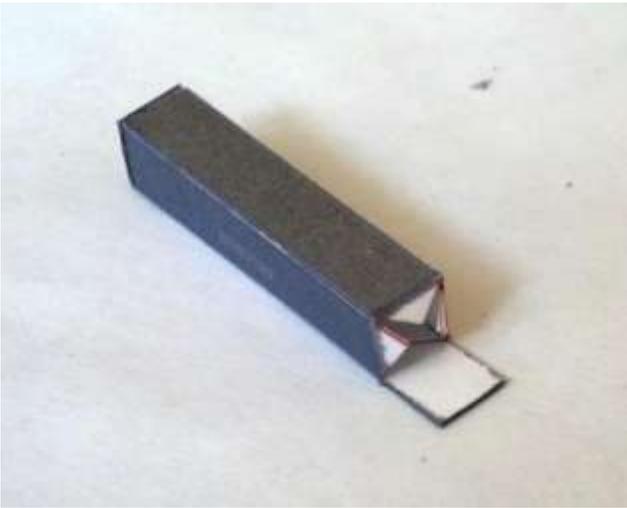
2.) Fold Body into basic Box Shape first. Then address the Tapered End. Glue the two Side Tabs of the taper to the Body Sides following the slope. The Center Slice Line simply overlaps. Lap the LEFT side OVER the RIGHT side. This will provide a straight seam on the body. You can go the other way, but the seam will be angled in that case. Then fold the end up and glue aligning the top angles of the hood. The front has the same type of end flap. Repeat on the front end to complete the forward part of the body.



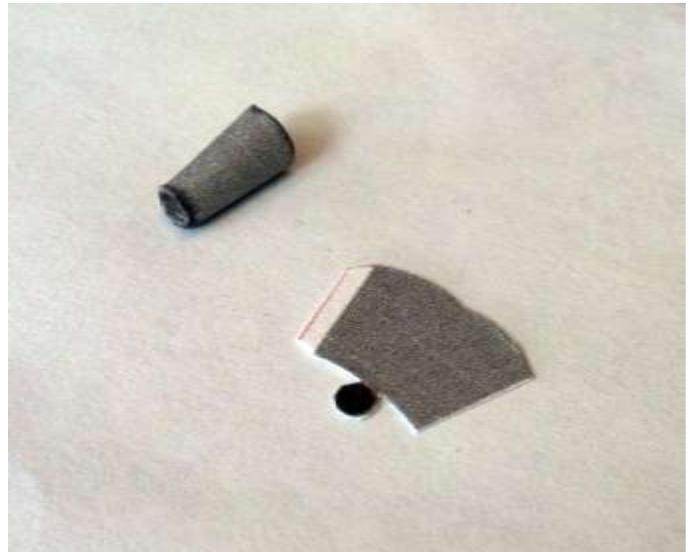
3.) The Roof has a slight overhang on both front and rear so color the underside where it will be exposed before gluing down. Fold and glue the Cab Box into shape as shown, and attach Roof Panel to flap on one of the sides and let dry. Fold little tabs inward on top where it will glue to roof. Then glue and apply roof down and secure the opposite side. Keep the front and rear panels straight so that roof has slight overhangs as shown.



Glue the forward part of the body to the cab to complete the upper body as shown.



4.) Fold up and glue together either the long Toolbox/Step and glue to the bottom rear of the Cab as shown.



5.) There are two sets of Light/Number boxes and Exhaust Stacks. These are assembled simply as shown. Note the Stack bottoms have a slight dip in them; this gives the bottom an angled "notch" to match the crown of the Hood.



6.) Mount one of the Lights on the rear of the Cab and the other on the front of the Hood. The Stacks glue onto the Gray Dots on the Hood. The Upper Assembly is completed !



7.) Glue the completed Upper Assembly to the Lower Assembly using the Guide outline on the Deck. You're done!

**Enjoy!!**



SW Series Yard Switcher

© Copyright 2013 – RXR Models – [www.RXRmodels.com](http://www.RXRmodels.com)



This material and all Model Part Design Sheets are intended to be printed for personal use only. The sale or redistribution in any unassembled\* form prohibited except where authorized by written consent.

\*Redistribution of fully assembled (completed) models is permitted provided design, copyright, website, and disclaimer found on underside of model are not removed or altered.