

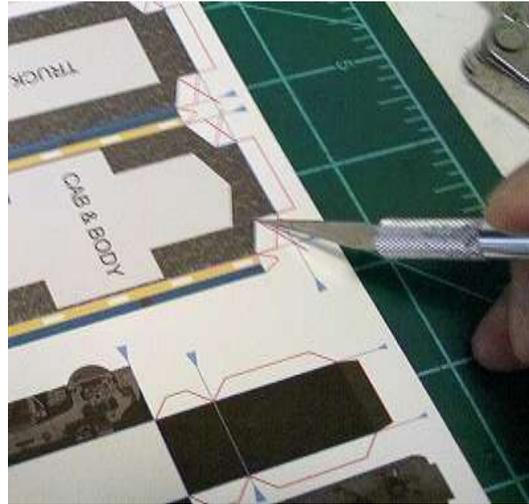
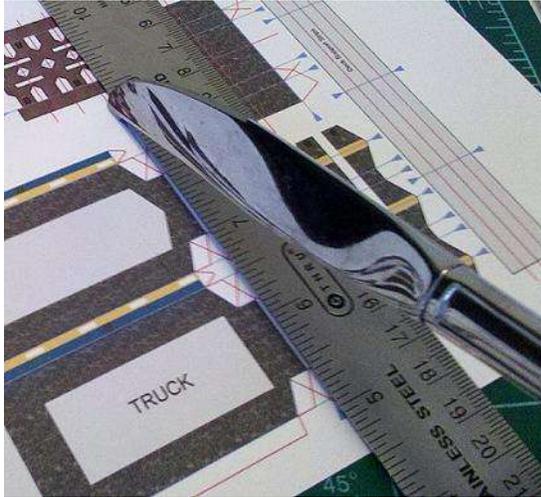
RXR Models – General Assembly Instructions for Steam Locomotive with Tenders

(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 may be 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.

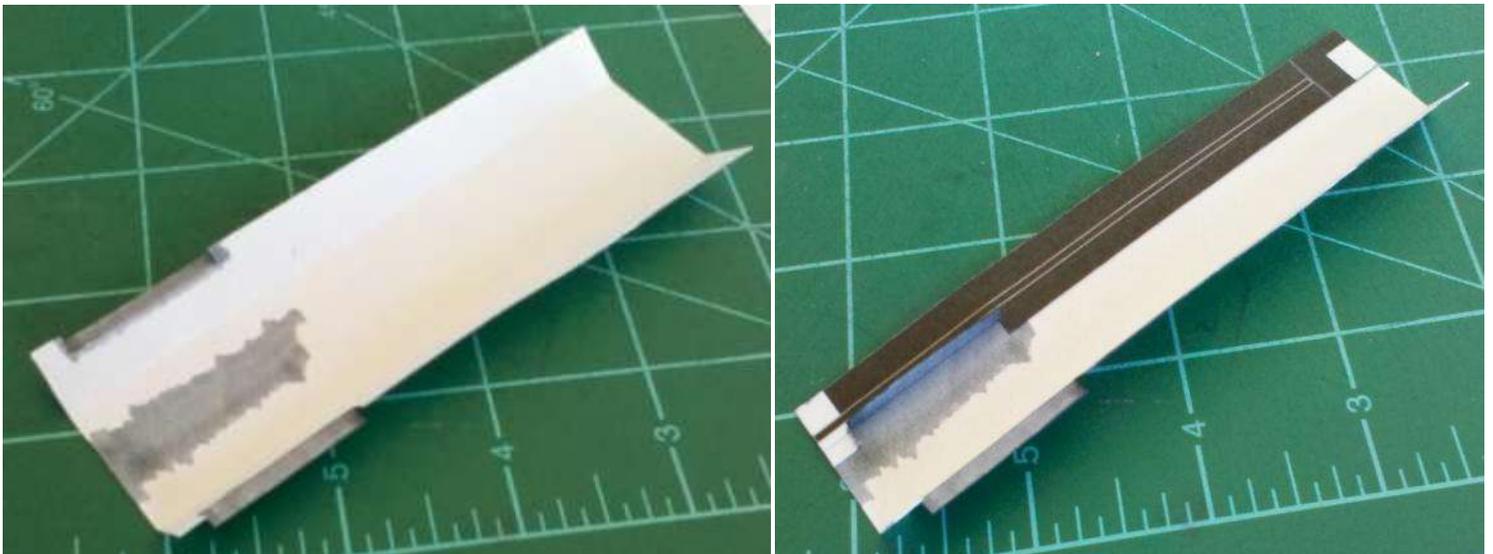
Assemble lower portion of unit as shown:

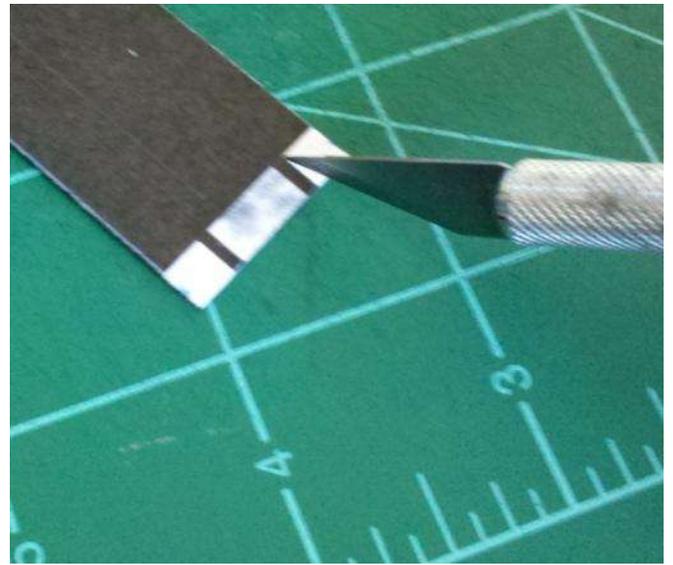
1.) Fold all score lines before gluing any parts. Darken the back sides of wheels where they will be exposed. Start by gluing the bottom part to one side only of the Wheels unit. Let set, then glue the opposite side so it completes the box. Complete the Wheel unit by folding front and back ends and gluing into place as shown.



2.) Cut out Main Deck and clip and fold the two Flaps. Darken the back of the flaps and area that will be exposed by the flaps as shown below. Fold the Deck halves over and glue entire surface with a very thin coat of glue. DO NOT GLUE FLAPS. Also Notice – I have NOT cut the ends out yet. This is better if you cut these AFTER gluing two surfaces together.

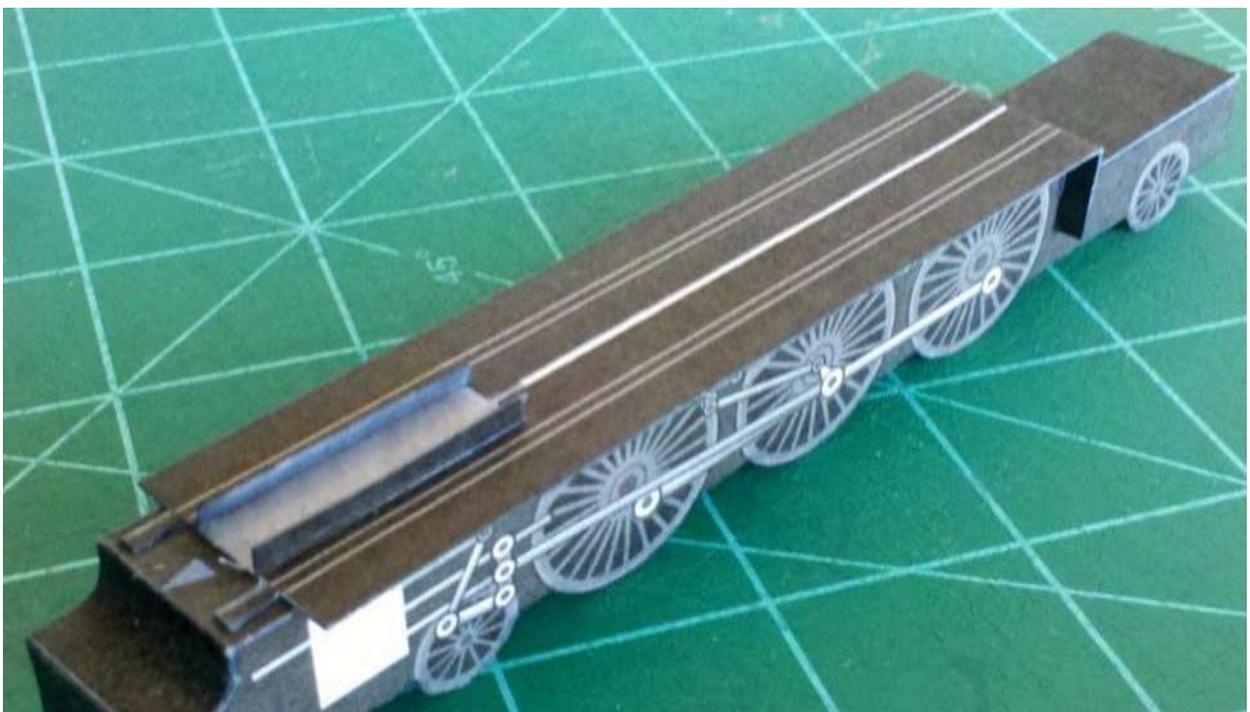
Then immediately place on a good hard flat surface and apply evenly distributed weight with a flat object to keep deck completely flat while glue dries. Allowing deck to dry without weighting down will allow the deck to twist or warp.





Once glue is completely dry, cut out remaining white areas from ends. After ends are cut, fold rear section 90 degrees as shown. Notice that the striped side with the flaps is FACE DOWN in the picture.

3.) Glue deck to top of the Wheel Unit. The Tabs in the back will extend straight down past the top of the rear wheel section.





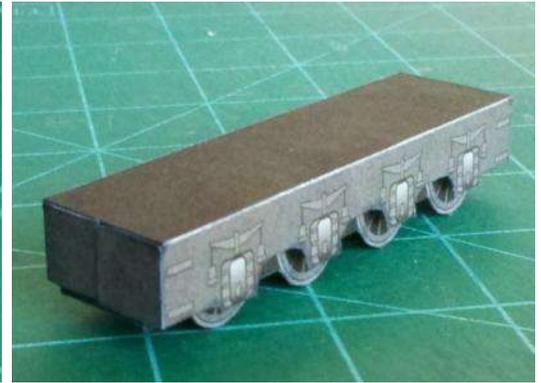
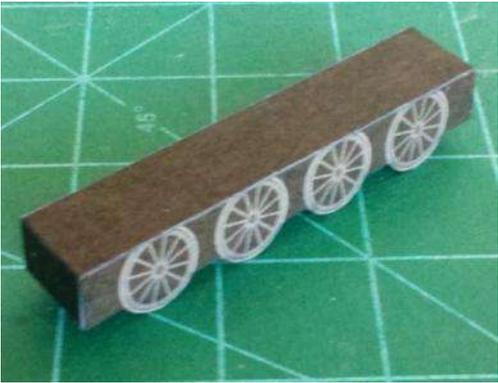
4.) Fold up the Rear Wheel Cover into a box type shape as shown. This slips onto the rear section of the Wheel Unit. Notice the front of the cover should line up perfectly with the Deck extensions that hang down. So these should be glued together also.



5.) Finishing touches. Fold up two Piston boxes noting they are marked as Left and Right so that the "holes" line up with the piston rods on the Wheel unit. Fold up the Cow Catcher as shown and glue to front end as shown.



Lower Section of the Loco is completed!

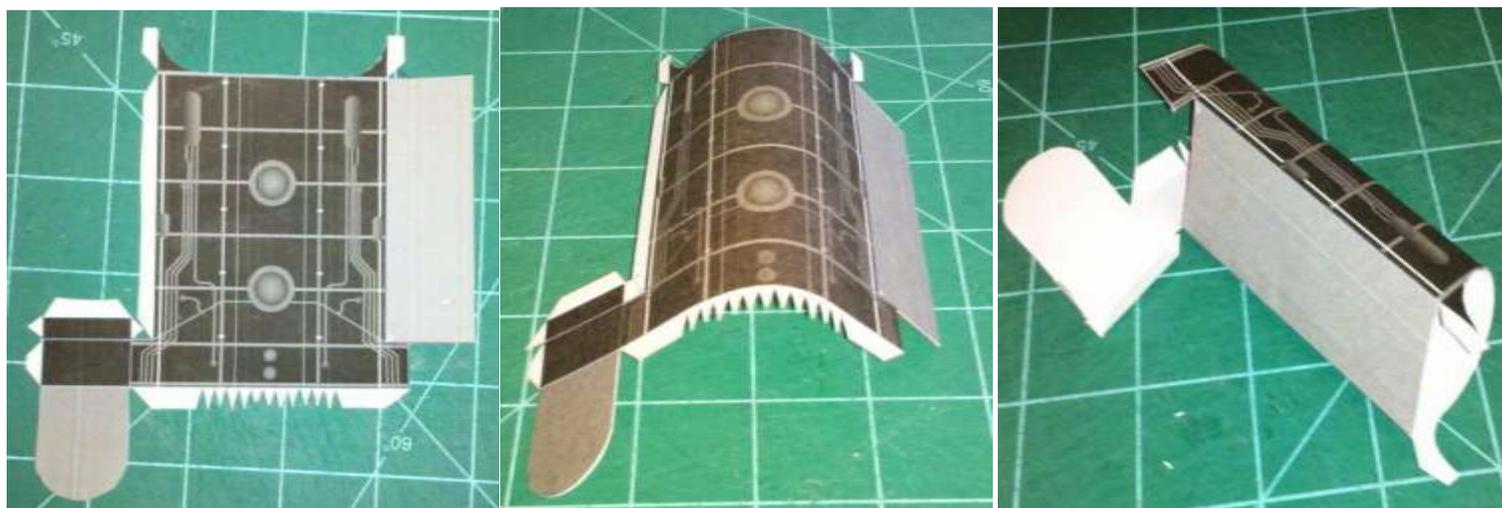


6.) Tender Wheel Unit is a simple box. Fold up and glue as shown and apply the Outer Wheel Cover. Cover should be flush at each end, but overhangs equally on each side. Glue cover end tabs in place. Fold up 3 of the couplers and glue one to the back of the loco, and one to each end of the tender. **MAKE SURE YOU ALWAYS PUT THE BOTTOM (B) DOWN.** If you always put the (B) down, then all of your models will always hook together properly.

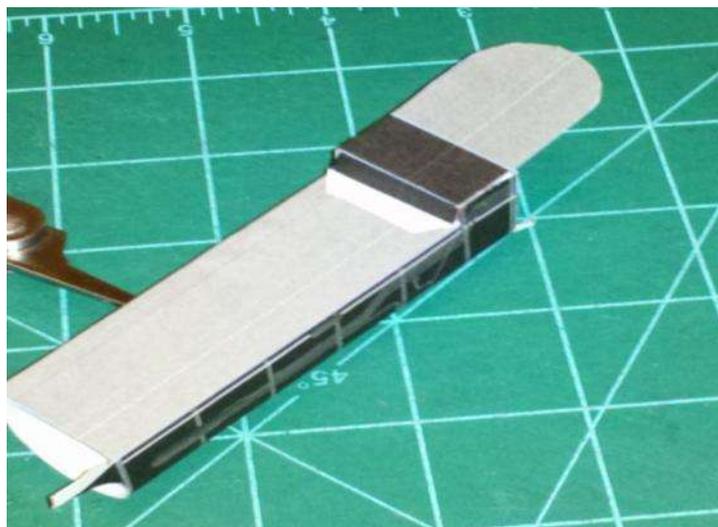


The lower portion is now completed!

Assembling the Upper portion.

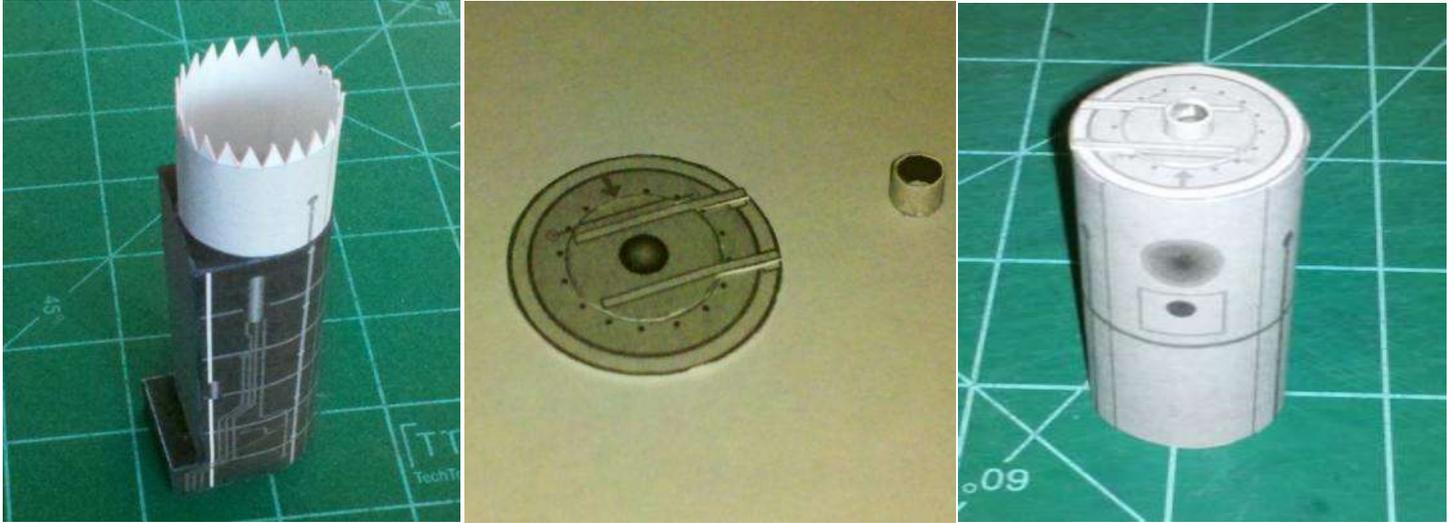


1.) Start by rolling the top portion of the Boiler Housing on a table edge to get the rounded top started. Fold the gray bottom panel and glue to opposite side tab. Make sure ends and edges are square. Flip to the bottom side, and complete the box-area just in front of the gray half-round back. Then fold the half-round back up and glue maintaining the rounded top.



Last – fold the two rounded corners into place and glue tabs to bottom of housing. Flush the bottom edges to the front of the housing “floor”. This provides a nicely rounded hole for the Boiler Tube to slide into later.

2.) Cut out the boiler tube and roll on a table edge to get the basic curve shape to help you glue the edges together. Glue into tube shape, and quickly align the edges and ends. Quickly test-fit the tube into the boiler housing. It should slide in easily, but be snug. If it is too tight, or too loose, you might need to adjust your alignment before the glue dries!

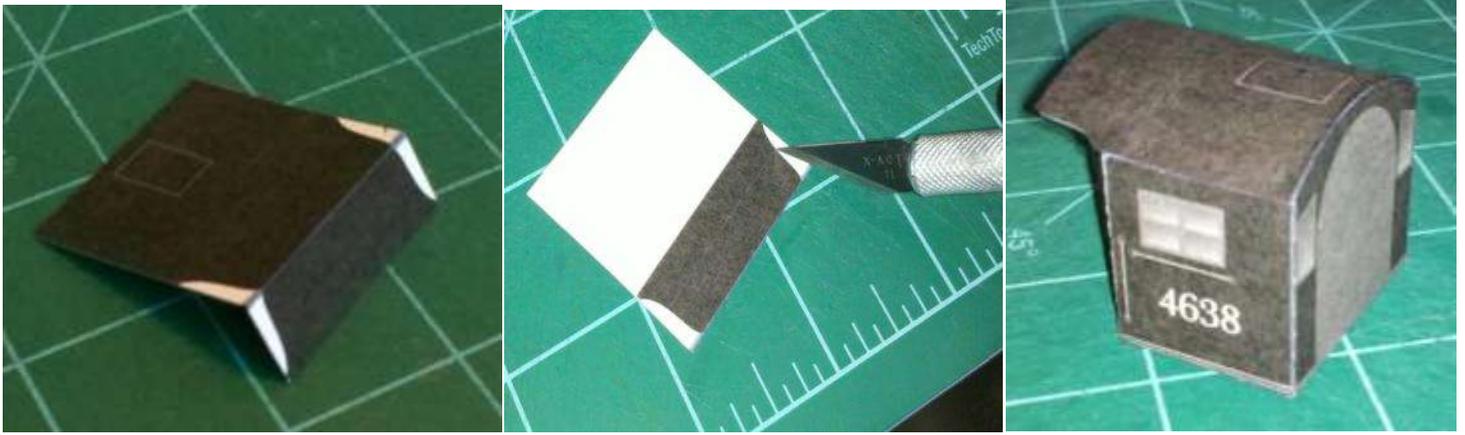


Assemble the front Boiler Plate. Glue the hatch and arm overlay to the plate, assemble the light ring and glue the ring over the light in the center of the hatch. Then attach the Boiler Front to the Boiler Tube.



Fold the Smoke Stack and glue together before fully cutting out. Once folded, glued, and dry, cut along the wavy lines, and roll around x-acto handle or something similar to get tab glued to opposite end. Then mount on top of boiler where there is a dark circle as shown. Tube is inserted into Housing, but DO NOT glue yet so the length can be adjusted as needed later.

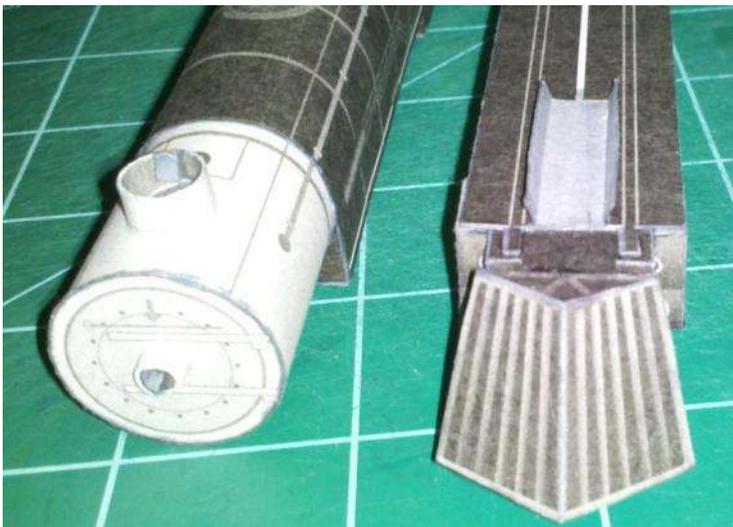




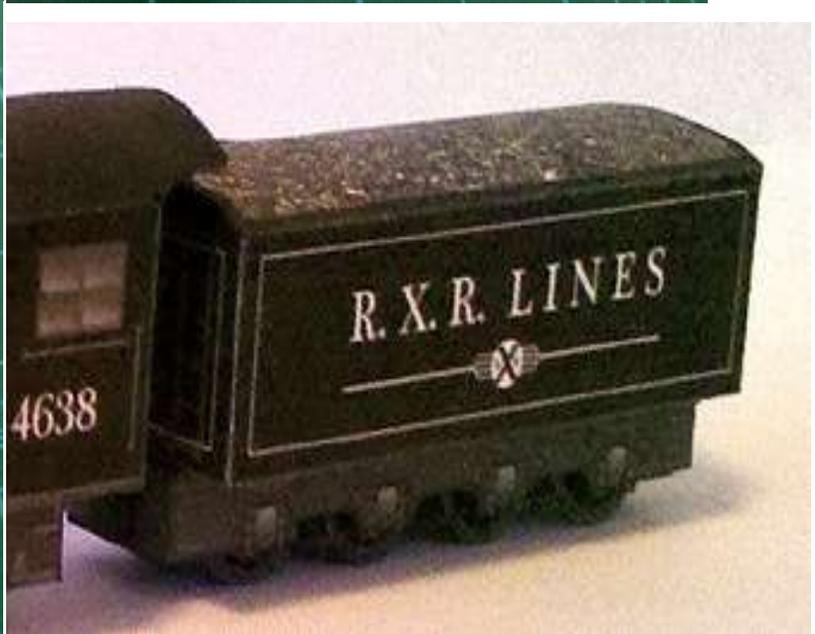
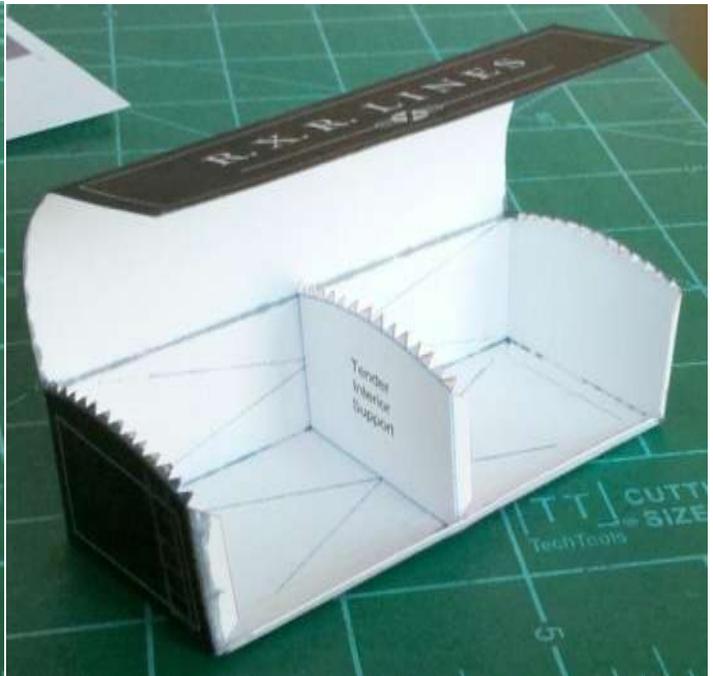
3.) The cab is very simple. The main portion is a simple folded up box. The Roof has a folded side that makes the underside of the roof overhang in the rear. Cut the roof out squarely on the red guidelines. Fold on Blue line and glue together with a coat of thin glue over entire surface. Once the glue is totally dry, cut out the remaining white areas on the rear overhang. Curve the roof panel slightly by rolling on a table edge, and glue to top of the cab. Make sure the gray half-round area and front windows are facing forward. Flush the front edge of the roof to the front wall of the cab. Sides should also be flush.



Glue the Boiler Housing to the Cab. Make sure that the bottom of the Boiler box-extension is flush to the bottom of the cab.



The flaps on the top/front of the lower section are "cradles" for the boiler tube. The boiler housing fits squarely onto the lower assembly. Then the Boiler tube rests between the two flaps. You can slide the tube in or out to position as desired. Shown here is the tube aligned to the front of the flaps and the front of the piston boxes.



4.) Last step is to assemble the Tender. Roll the top side on the edge of a table to create a nice curve to that panel. Locate the center of the box and mark it on the back side for reference. This is for placing the Internal Support. Fold in ends and glue to the floor as shown, and glue the Internal Support at the center points marked.

Next glue the curved tops of the ends and Internal Support and roll the roof panel down flushing the edges to the end panels on both sides. Then glue last remaining side panel into place. Be sure to keep everything square.

Tender box glues right onto the Tender's wheels as shown. Ends should be flush front and rear, but sides will overhang equally on each side.

Enjoy!!



4-6-2 Steam Loco and Tender Shown

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