

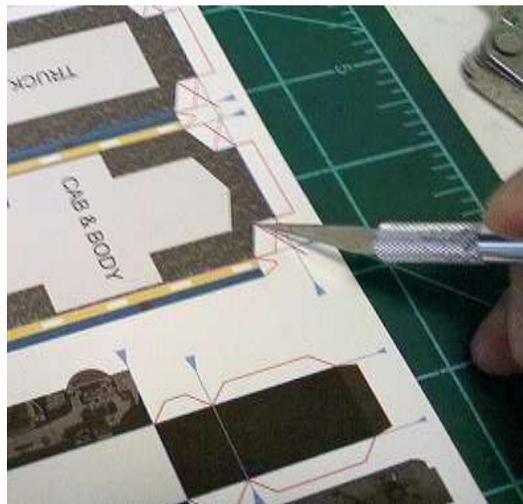
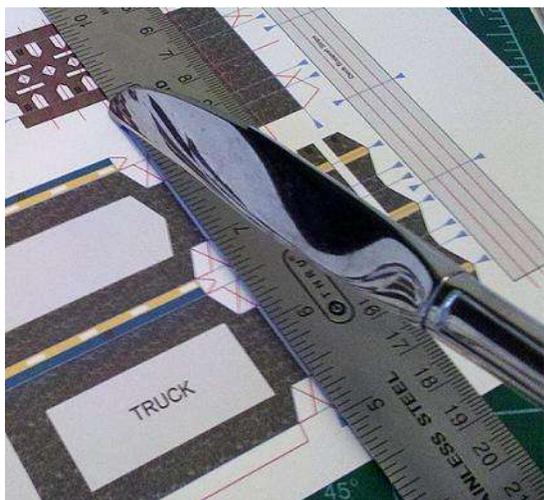
RXR Models – General Assembly Instructions for N Scale 4-8-4 Steam Locomotive with Tender

(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.

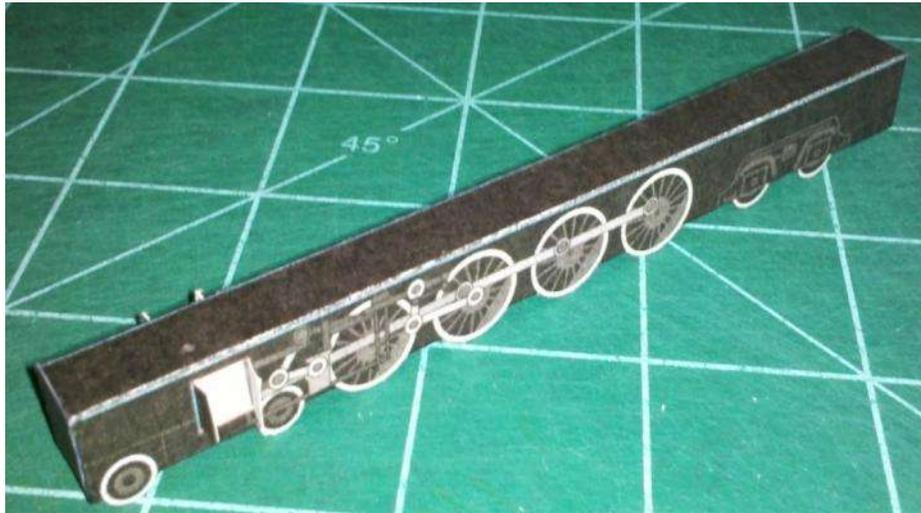
Cut out parts using a good sharp modeling knife. Cut all Red lines as they indicate additional cuts needed. *Caution/Disclaimer: Use of sharp modeling knives should not be allowed by children unsupervised!*



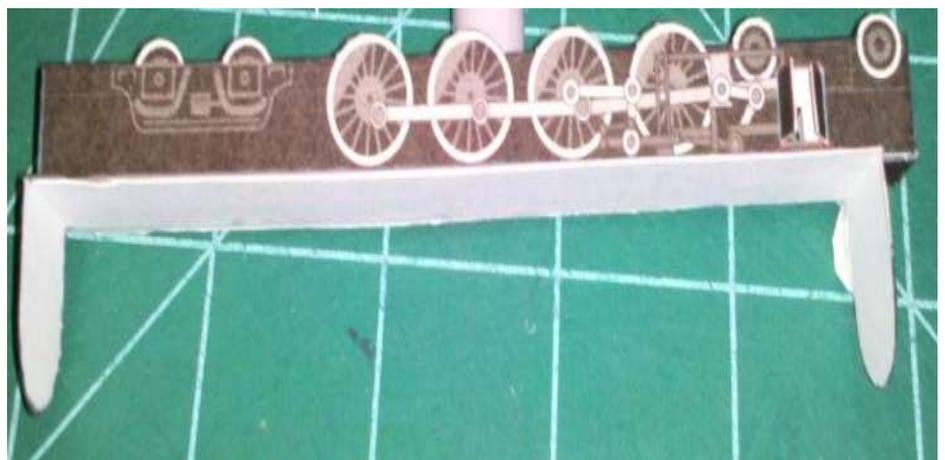
Before assembling (gluing) parts; always color all cut edges and fold lines to eliminate the white lines left by the uncolored paper. Avoid using dark permanent markers; instead use highlighter type markers for a more natural look. Use Gray for Black and dark areas, and try to match other colors where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

Assemble Locomotive as shown:

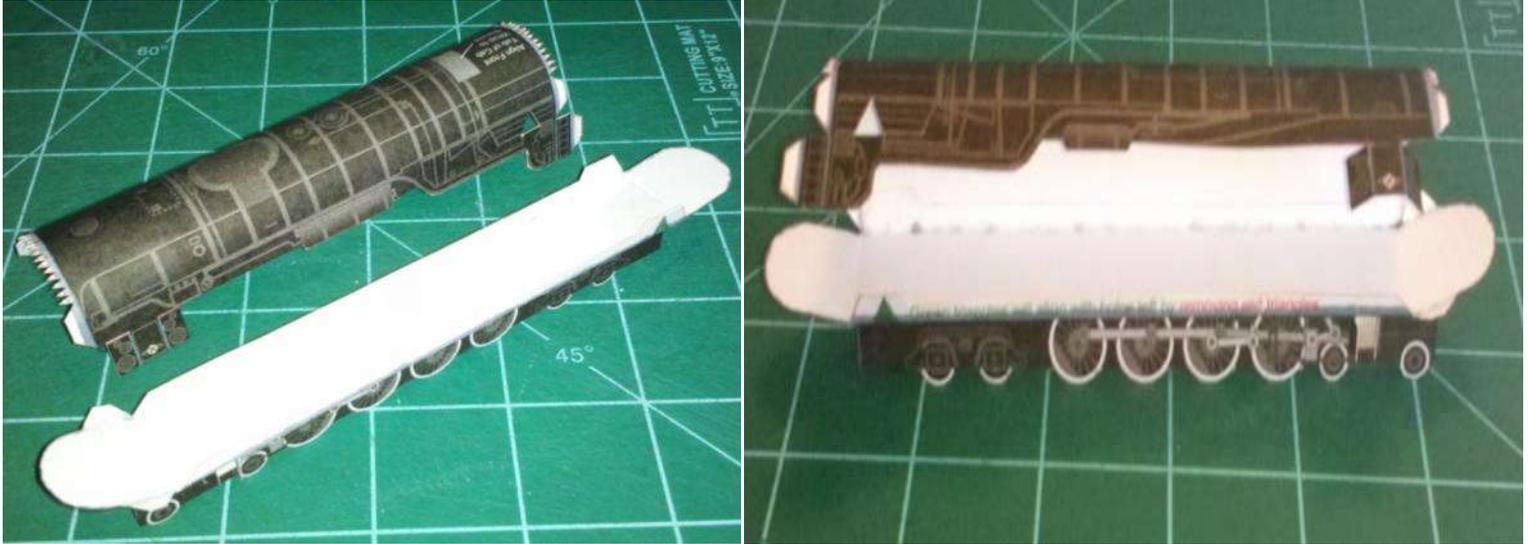
1.) Fold all score lines before gluing any parts. Be sure to identify and cut the openings on each side that will mate to the Piston Boxes. Start by gluing the bottom part to one side only of the Wheels unit. Make sure the notches in the bottom flaps are on the same end as the Piston Box cutouts. Let 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.) Glue the wheel assembly directly to the part that is the bottom & ends of the Boiler Assembly – align the back of the Wheel Assembly to the fold of the back cab panel. Center from side to side. The Wheel Assembly will go forward beyond the fold of the front of the Boiler. BE SURE TO NOT GLUE FRONT where it sticks out. There is a gray line to indicate where to stop glue.



3.) Cut out the Boiler Housing. Be sure to clip the red lines along the top of each Piston Box sides (4 places) and cut and remove the RED triangles at the rear. The triangular holes will match to the GREEN triangles on the bottom part flaps. This is to help align the rear end. Roll the top portion on a table edge to develop the arch needed on the top.



Attached arched Boiler top to the bottom floor part on one side. Flush the floor to the straight edges of the side. There are sections that will hang down below the floor (Piston Boxes, Side Tanks and Rear Skirt Area). REMEMBER – use the TRIANGLES to help align these. Once one side is set, complete the body by repeating on the opposite side.

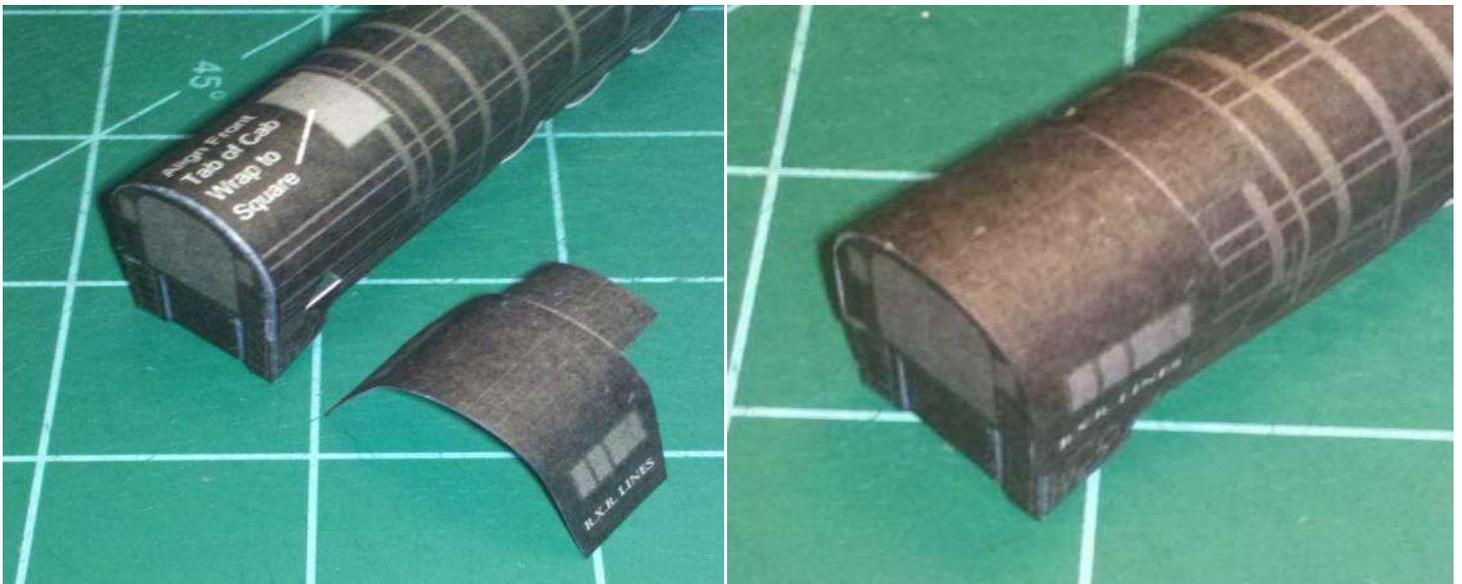
4.) Fold up the rear panel, and fold in the side step panels and glue to complete the back end. Then fold up and glue the front panel just like the back panel (not shown).



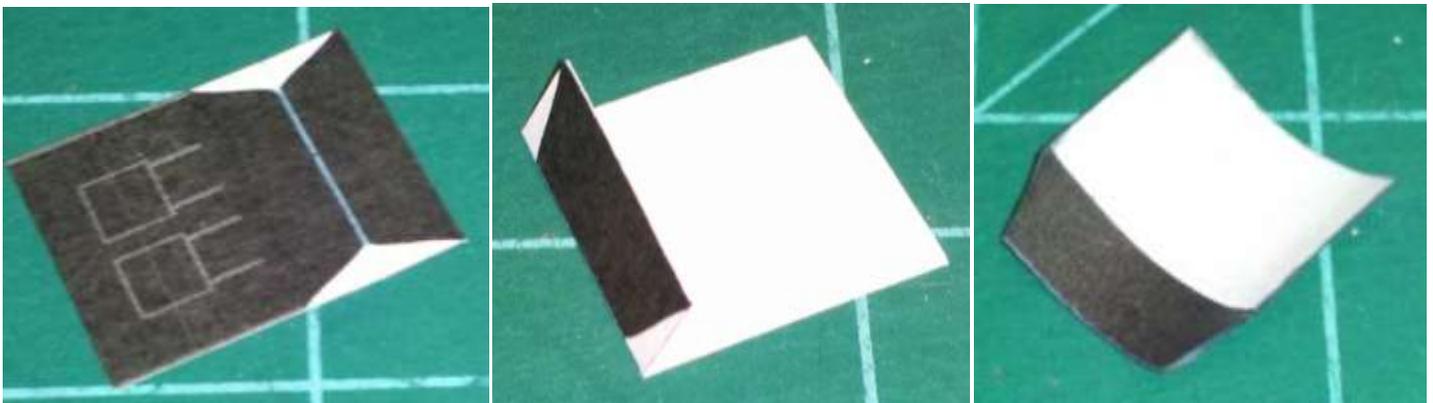
5.) Wind up the Headlamp—This part has a taper to it, start winding it from the narrow end, and glue entirely. It should roll up into a tight cylinder shape with a concave end to simulate a recessed headlamp. Cut and glue the Boiler Front Plate by overlapping the edge to form a very shallow cone. Then glue Headlamp to the plate as shown.



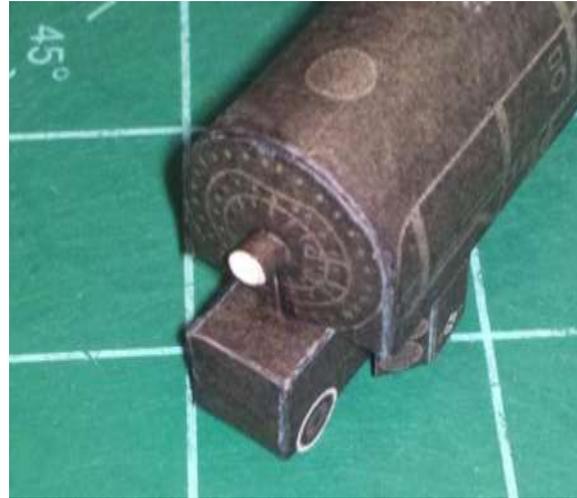
6.) While the Front Plate and Headlamp dries, roll the rear Cab Wrapper into an arch shape and glue to the top of the boiler section. There is a gray square indicated on the top rear of the Boiler. Use this square to align by matching the tab on the front of the Cab Wrapper to the gray square. Glue entire part and smooth down directly to the top of the Boiler Rear of the Wrapper should be flush to the back end..



7.) Next, Fold the Roof section and glue Roof Bottom to underside of Roof. Then Cut out corners once glue is dry, and then roll slight arch into it.



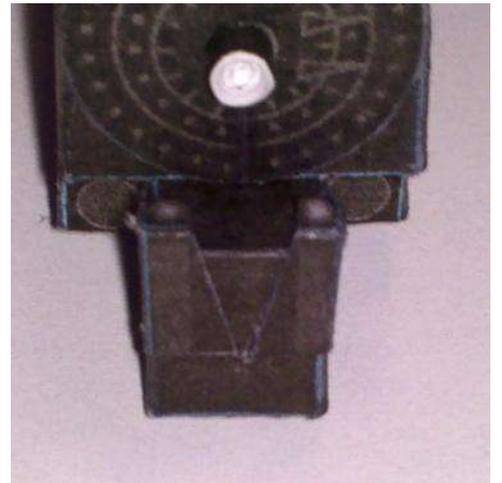
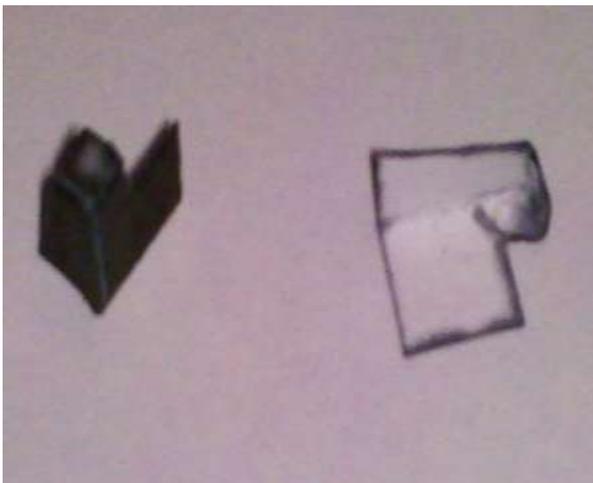
8.) Finish up by gluing Roof Section to top. Center this part left /right, and match the front edge of the Roof to the front edge of the Cab Wrapper. Then glue Boiler Plate to front of the Boiler. Put the seam of the Boiler Plate straight DOWN.



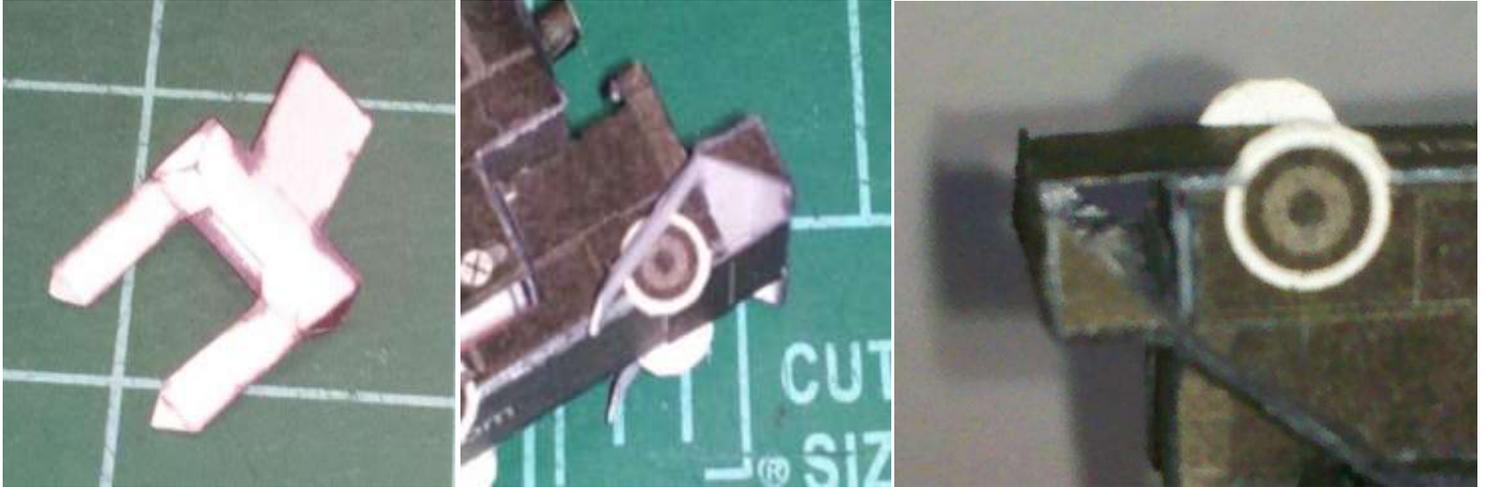
9.) Attach Piston Box Sides. Dab a little glue onto the Inner Piston Box flaps on the Wheel Unit. Then fold down the Outer Piston Box Sides, and use a tweezers to align and clamp together. Repeat for all 4 sides, completing the Piston Side Boxes.



10.) Fold up 2 Corner Posts as shown. These mount to the front corners of the Wheel Assembly. Align the top edge of the sides with the top edge of the Wheel Assembly so that the posts will stick up slightly as shown. The Tapered edges should face forward to form a "V" on the front end.



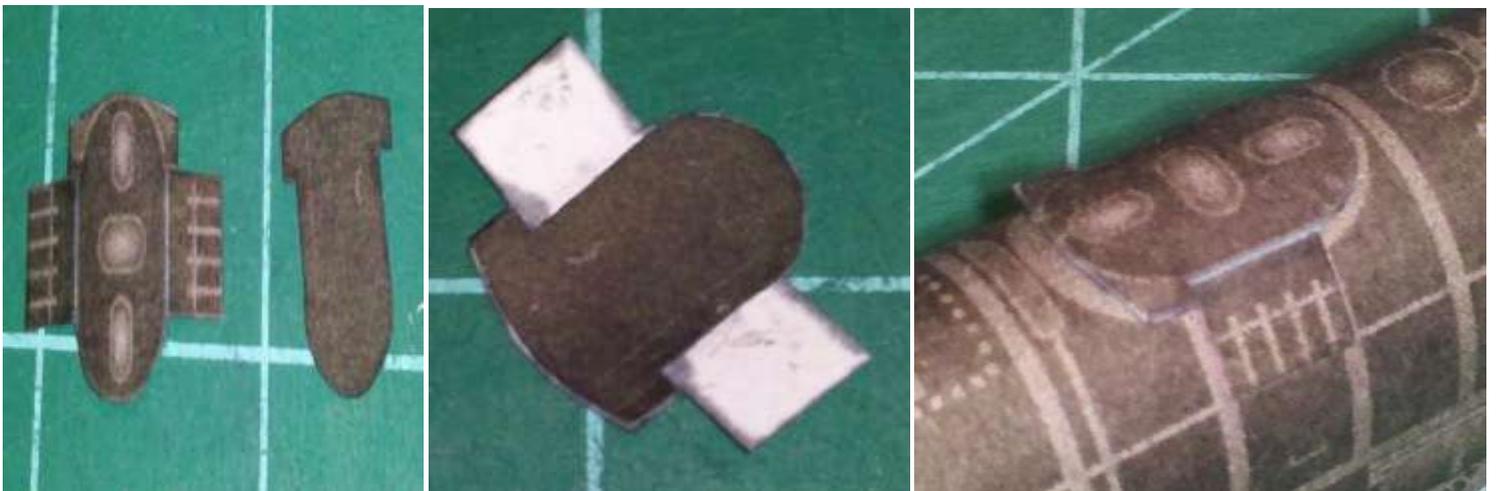
11.) Glue up triangular shaped sides of the Front Step Section, and glue to the front of the Wheel Assembly as shown. Note the 2 Side Stairs are hanging loose. There is a gray line on the bottom flap to help align to the front of the Wheel Assembly. The top of this part glues back to the front. Align so the top is square and parallel to the bottom.



Then glue the stair tabs and swing up into place. Keep Stairs straight, and just push glued tabs into place to the underside of the Boiler with a knife or something similar to hold in place till it sets. Bottom side of the stairs can be darkened with marker.



12.) Combine two Boiler Top unit parts. They glue back-to-back as shown and glue to top of the Boiler. Note that the two "wings" are left to stick straight out, while the rest of this part arches flush directly to the Boiler body.



13.) Finish the Loco by rolling up and mounting the Smoke Stack, Fold the triangular Cow Catcher and mount to the front as shown, and assemble a Coupler and mount to the rear. Make sure you mount the Coupler with the "B" (bottom) side DOWN. By always mounting couplers with the B side down, the models will always hook together properly.



The Locomotive is now completed!

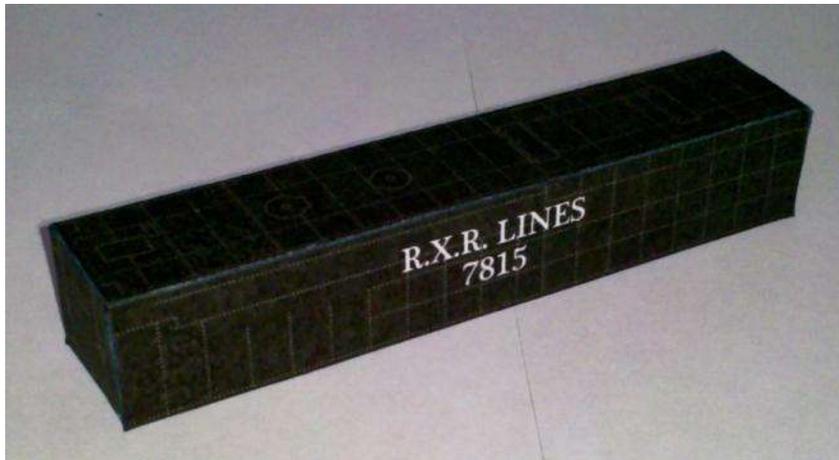


Assembling the Tender.

- 1.) Four easy steps. Fold the Wheel Unit into a basic box as shown.



- 2.) Fold upper section into box as shown.



- 3.) Glue Wheel Unit to the bottom of the Upper Unit. Flush at each end, and center equally on left and right.



- 4.) Lastly, just assemble two more couplers and glue to each end. Again, MAKE SURE THE "B" FACES DOWN on Couplers.

Enjoy!!



N-SCALE 4-8-4 Steam Loco and Tender Shown

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