

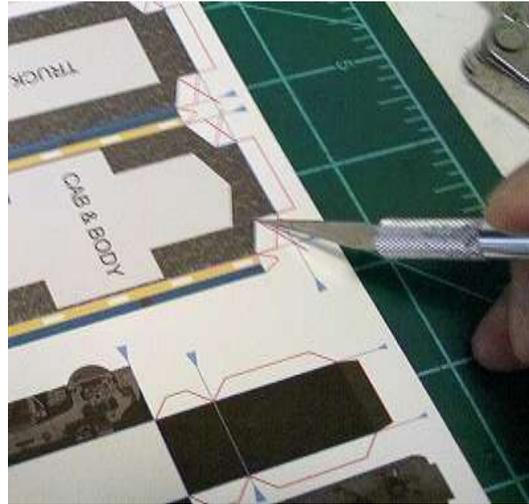
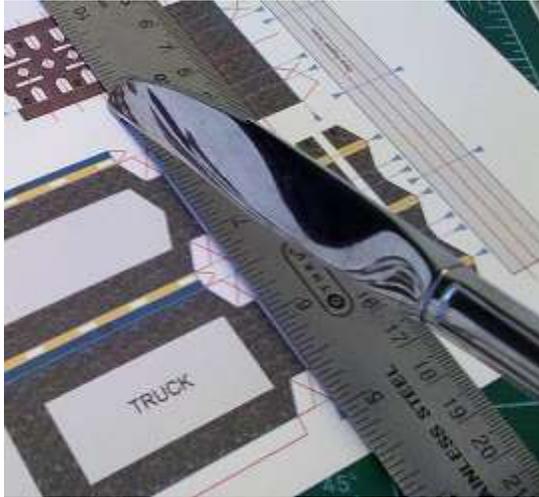
RXR Models – General Assembly Instructions for GP & SD Series Road Switchers

(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.

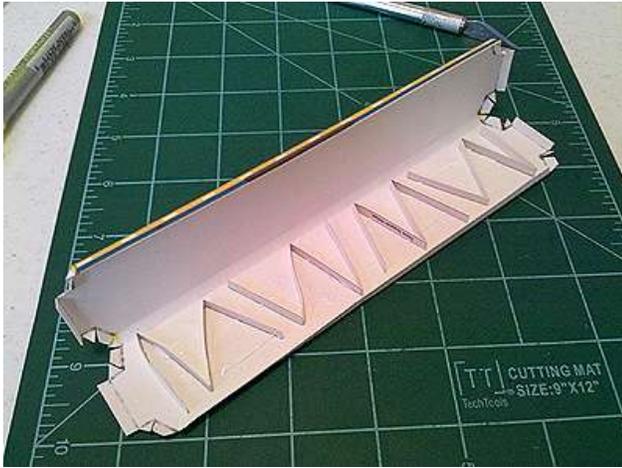
Cut out parts using a good sharp modeling knife. Cut all Red lines as they indicate additional cuts needed. *Caution/Disclaimer: Use of sharp modeling knives should not be allowed by children unsupervised!*



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.

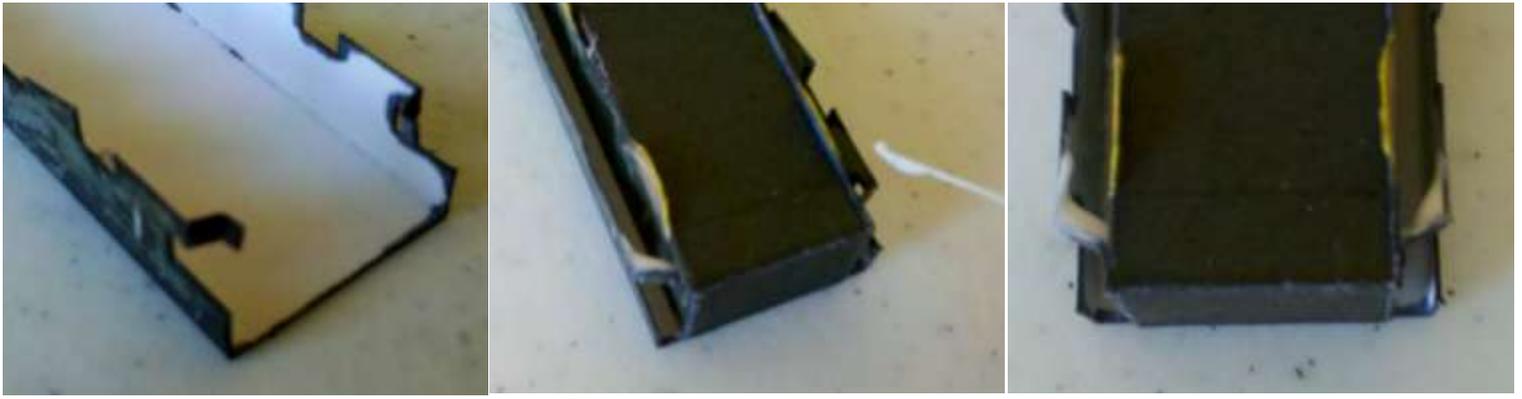


- 2.) Fold the Deck halves over to encase support strips. Apply glue to the strips on the top and bottom so they will bond the top and bottom surfaces of the deck to provide a rigid structure. Be sure to square up and align the sides before the glue sets. DO NOT glue the tabs on the ends of the deck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

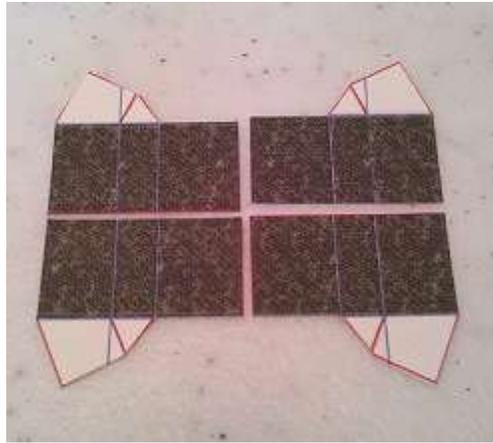
Then immediately place assembly on a good hard flat surface and apply evenly distributed weight with a flat object to keep deck completely flat while glue dries. This is the foundation of the model! Allowing deck to dry without weighting down will allow the deck to twist or warp, and if that happens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



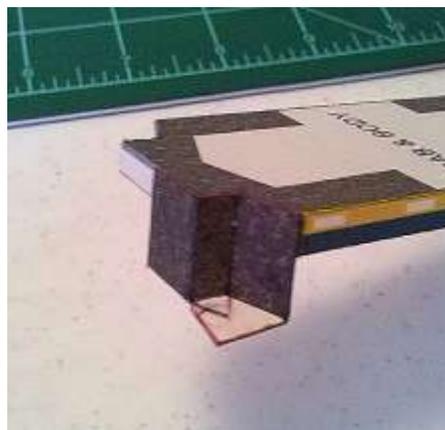
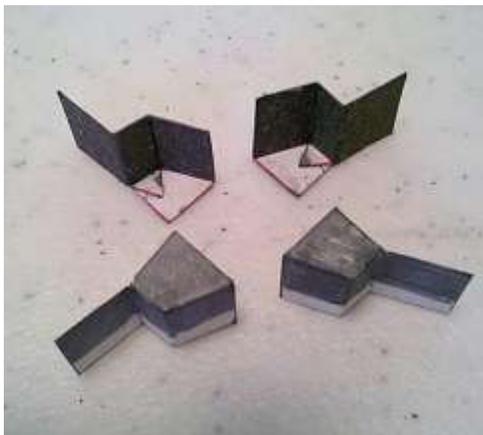
- 3.) While the Deck is drying, move on to the Truck Units. Again, score all fold lines before cutting. Darken edges and backs of the wheels with Gray highlighter. Truck units fold up into a "box" type structure. Assemble the 2 items and just be sure to keep sides and ends square. Then fold Truck outer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



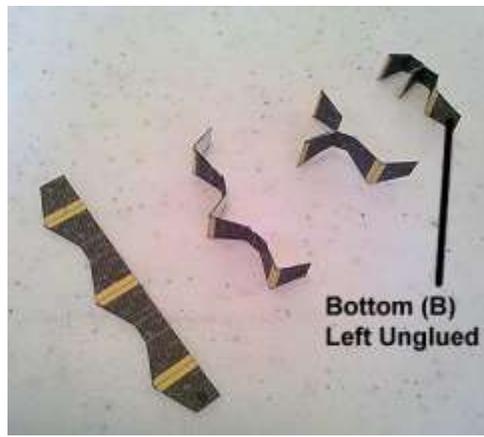
Note that on Triple Wheel Trucks, the outer assemblies have ties at each end instead of one tie in the center like Two Wheel Trucks do. Fold these in, and after gluing Trucks into place, glue tab ends to the trucks. Then using a toothpick or thin strip of paper, add a large dab of glue to the inner corners. 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 separate. Be sure to cut in the extra RED lines Fold and glue the tabs to form the stair wells as shown below. Using Gray highlighter, also darken the backs of these pieces.



5.) Glue the 4 Stair Wells onto the Deck Ends as shown above. Keep the top of the Wells flush with the top of the Deck. While allowing these to dry, assemble step inserts.



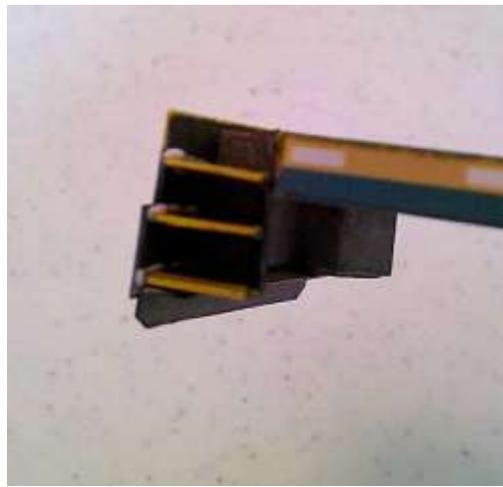
6.) Fold 4 stair insert assemblies and glue as shown. Keep the bottom step of each one (Marked with "B") free and unglued at this point.



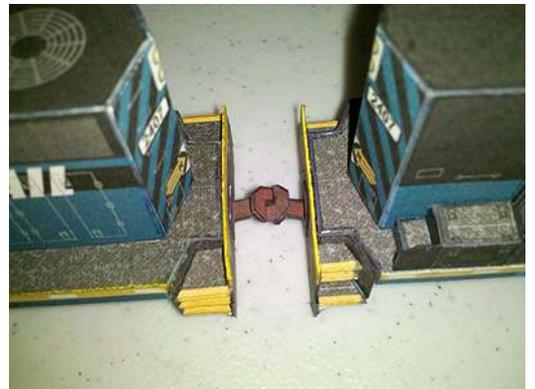
7.) Glue Step assemblies into Stair Wells. fold the bottom step over the bottom flap of the stair well and glue tight. Manually level and space out the steps evenly before the glue sets. Use a toothpick or other small instrument to tweak these into position and add drops of glue under steps to bond to stairwell. Let glue dry to lock placement of these. Finish off edges of steps with colored highlighter.



8.) Fold End Caps and glue to become two-sided with alignment flap positioned at 90 degrees as shown. Darken Back of flaps with Gray highlighter.



9.) Glue ends onto completed Deck; align with flap tight to the bottom of the Stair wells and center evenly side-to-side. End caps will stick up slightly above deck on top side.



10.) Fold two couplers (There are 4 provided) to make a double-sided part with glue flap on top and bottom (bottom marked with "B"). Keep the extra 2 couplers. These are in case you need to replace one down the road.

Glue coupler at each end. **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.



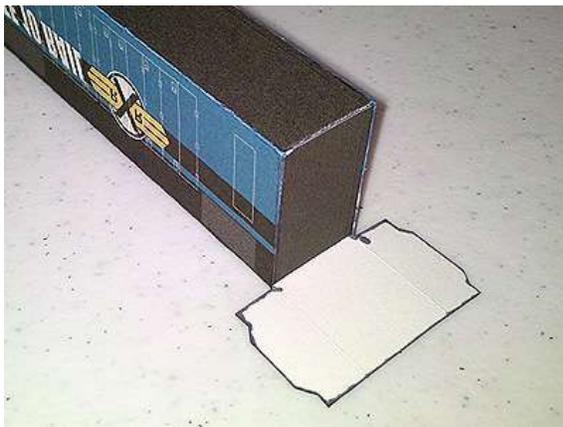
11.) Assemble Belly Tank with zigzag support strips inside the same fashion as the deck was done.



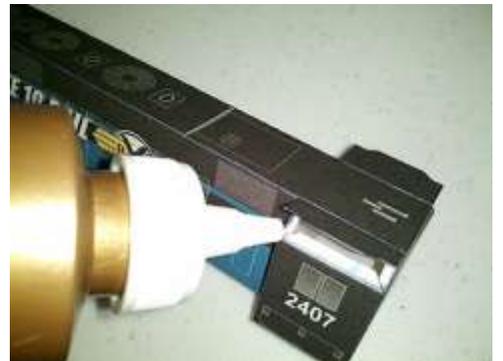
12.) Attach Trucks and Fuel Tank to the bottom of the Deck Assembly; position as indicated on the deck. The lower portion is completed !!

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, so follow the red lines completely here.



2.) Fold Body into basic Box Shape and fold end flap near cab end in to square and support the body end at the cab. The fold and glue Rear End onto the end of the Main Body. Be sure to square up and align properly before glue dries.



3.) Fold and glue the Cab Box into shape as shown, fold tabs inward on top where it will glue to roof. Glue Cab Box to the body/roof assembly. Leave side roofs unglued at this point. Trying to do the entire thing at once will be difficult and frustrating! Just glue to the body and top roof tabs only. Make sure bottom of the Cab is flush with the bottom of the Body.

Once the Cab is set, then go back and glue the side roofs down one at a time.

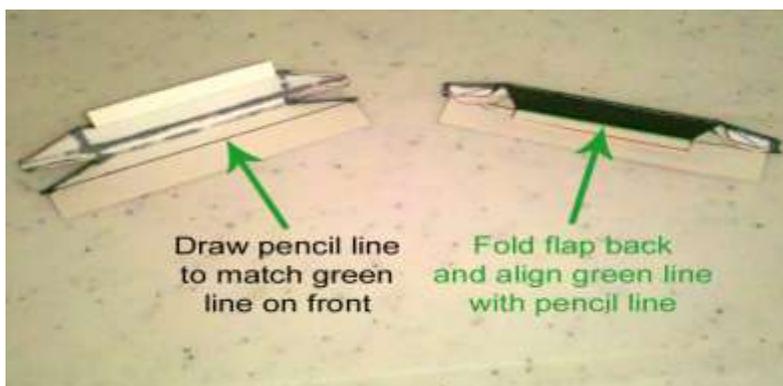
** for Units with roofline radiators ** all others skip to Nose Assembly page.



Note on the SD unit that there are slanted radiator intakes along the roofline. So the blue roof score lines are interrupted and there are red cut lines that create “bump-out wings” on each side. So take care to not score entirely from end-to-end. Just score from the red lines outward to the ends.



Additionally there is a hole to be cut in the Body bottom. When body is folded up, there will be a trapezoid shaped hole on each side with “wings” on the roof line, plus a large square hole to aid in placing the radiator intakes in the holes.



Using the green line on front, draw a pencil line to match it on the backside of larger flap. Then bend the smaller flap over backward and glue to align the green line on smaller flap with pencil line. Then fold in and glue triangular corners to complete these pieces.



Glue radiators into the side holes. Use the bottom hole to insert a pencil or other tool to apply pressure to the sides from inside while pushing radiators flush from the outside while glue sets. Unit top should align up with the “wings” on the roof.

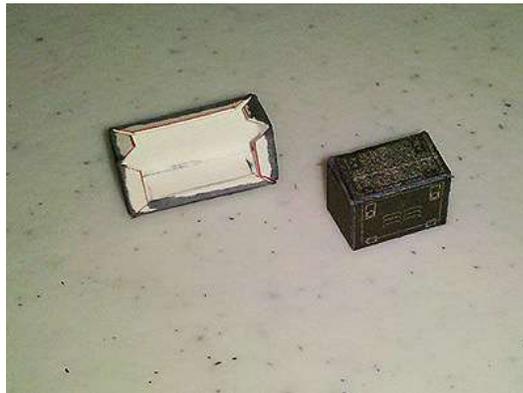
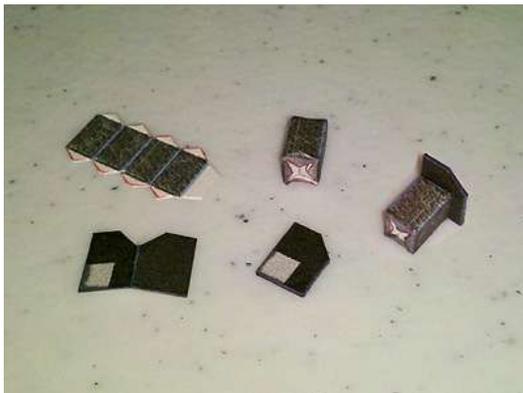


4.) Fold up and glue together either the Low Hood & Number Box –or- optional High Hood; depending on what model you want.

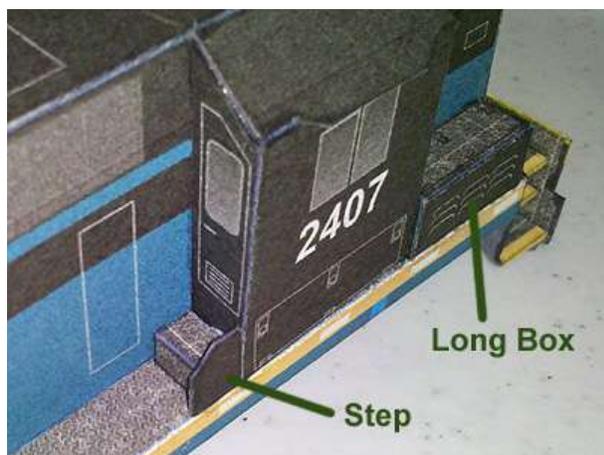
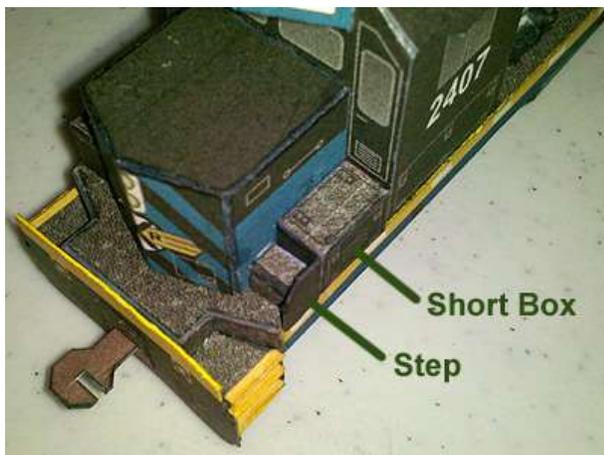


5.) Glue chosen nose to front of the cab box. Make sure the bottom of the nose is flush with the bottom of the cab. The entire body/cab/nose assembly should be flat and flush from front to back.

Once dried, glue entire body assembly to the Deck as indicated on the top of the deck. Cab should be flush on each side, and the body should be aligned as straight as possible before glue sets.



6.) While body and deck dry, assemble the steps and step boxes that attach to the cab. There are 2 Steps, and 2 Boxes. One Box is longer than the other, the steps are identical.



7.) Glue all of the Boxes and Steps to the deck and cab as shown. Keep sides flush while glue sets.



8.) Assemble the Side Duct piece and attach on the side where indicated.

Enjoy!!



GP Series Road Switches Shown

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