

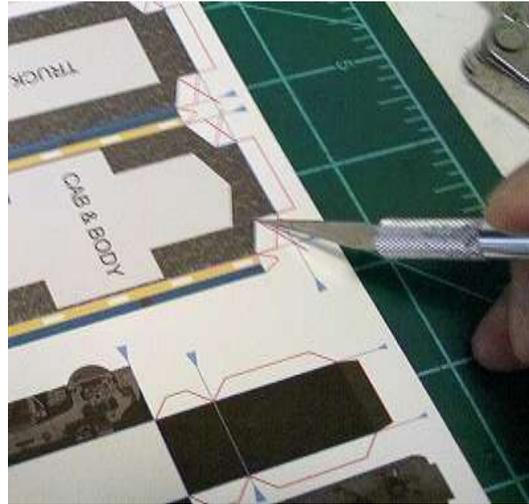
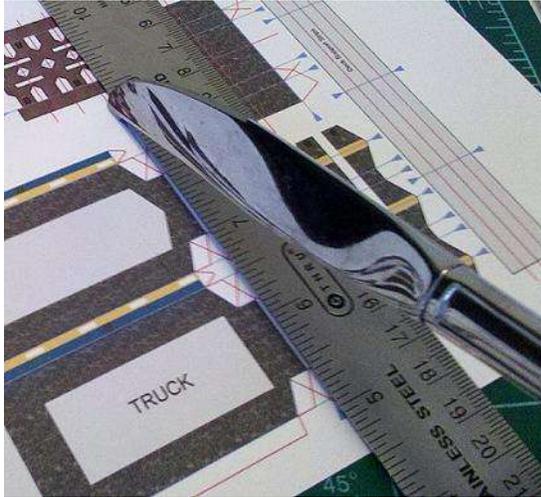
RXR Models – General Assembly Instructions for C Series Road Switchers

(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 may be fold lines that arrows cannot be placed on, so look closely for those.

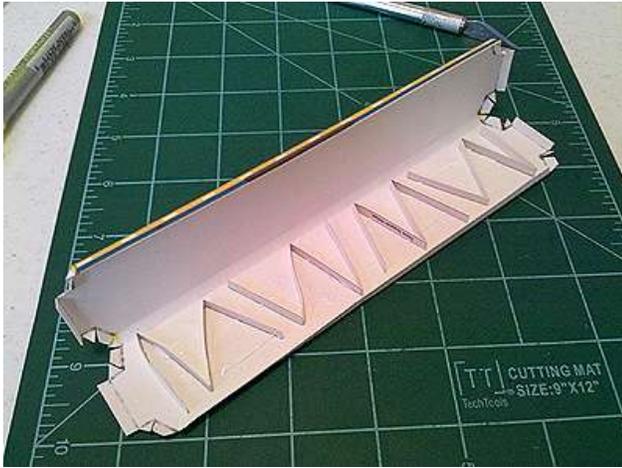
Cut out parts using a good sharp modeling knife. Cut all Red lines as they indicate additional cuts needed. *Caution/Disclaimer: Use of sharp modeling knives should not be allowed by children unsupervised!*



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.

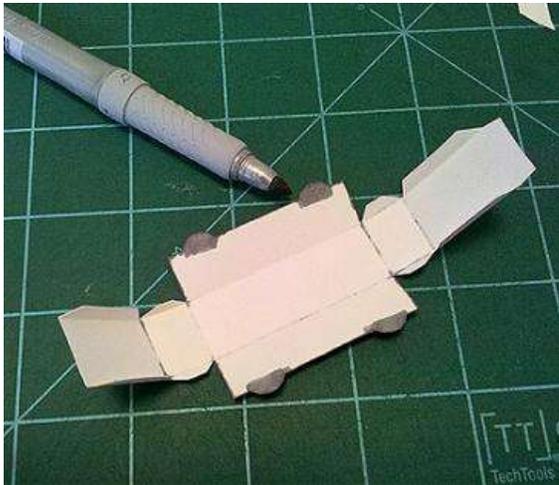
Assemble lower portion of unit as shown:

- 1.) Fold all score lines 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!

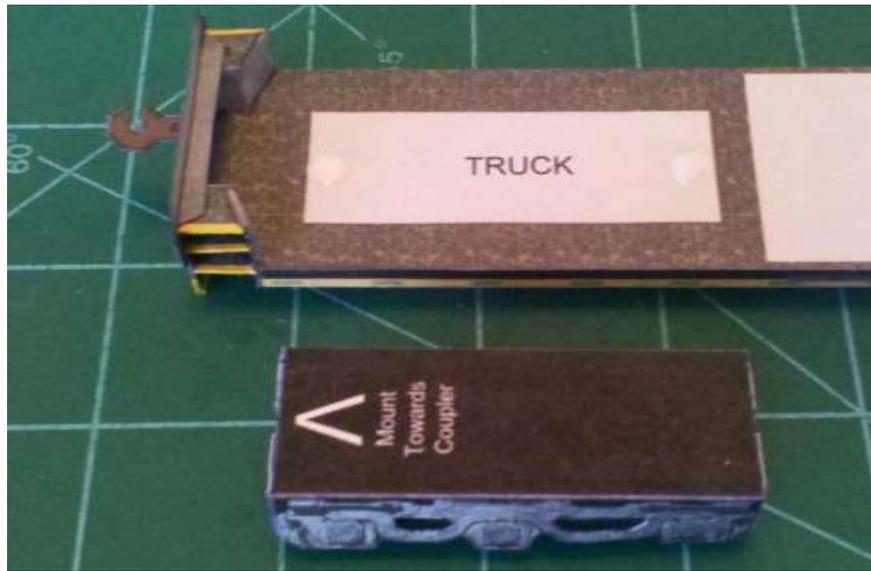
Then immediately place assembly on a good hard flat surface and apply evenly distributed weight with a flat object to keep deck completely flat while glue dries. This is the foundation of the model! Allowing deck to dry without weighting down will allow the deck to twist or warp, and if that happens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



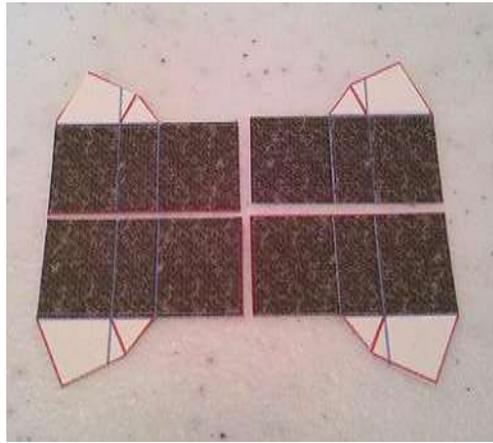
- 3.) While the Deck is drying, move on to the Truck Units. Again, score all fold lines before cutting. Darken edges and backs of the wheels with Gray highlighter. Truck units fold up into a “box” type structure. Assemble the 2 trucks and be sure to keep sides and ends square.

Cut out Truck Outer Covers, and remove the Red areas as indicated. Fold Assemblies and glue over completed Trucks. Flush the Outer Covers with the Trucks on the ends, but center the Trucks with equal Cover overhang on each side. This will give the trucks a realistic 3d/shadow effect. Fold Outer Cover ends in and glue squarely to the ends of the Trucks.

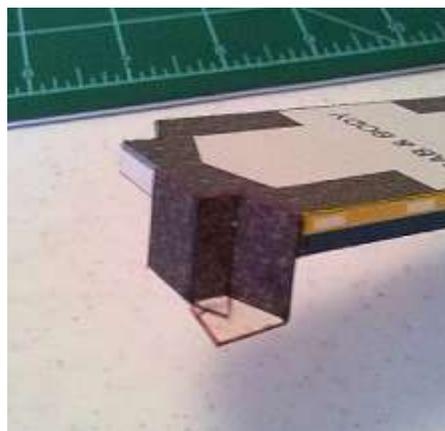
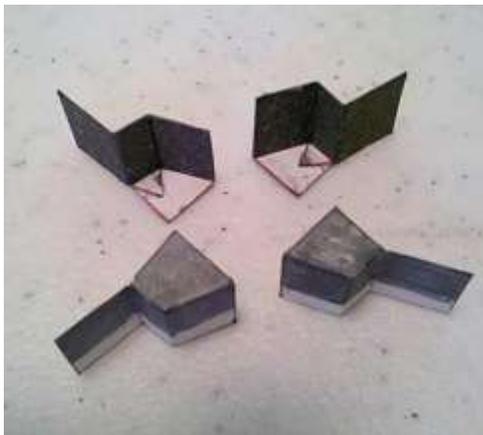
Note that the middle wheels on these are off-set (not centered) So be sure to keep the White Arrows pointed in the same direction when placing the Outer Covers on to the Trucks – or the alignment on these will be backwards.



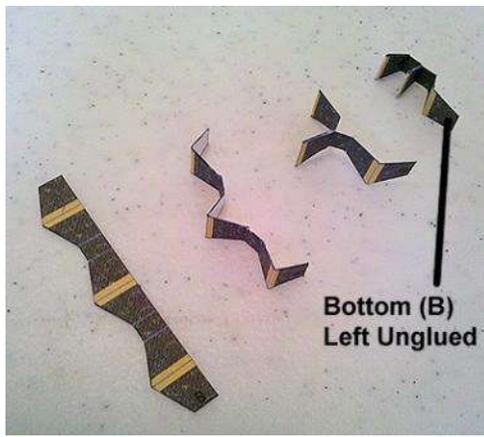
Note also that with the middle wheels off-set, they need to be mounted to the deck with the White Arrows pointing towards the coupler ends to be correct. Be sure to keep the White Arrows pointed in the correct direction on each end when attaching.



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.



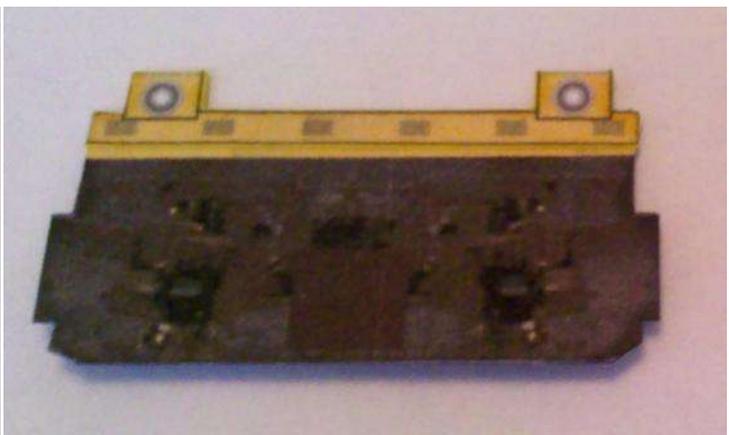
5.) Glue the 4 Stair Wells onto the Deck Ends as shown above. Keep the top of the Wells flush with the top of the Deck. While allowing these to dry, assemble step inserts.



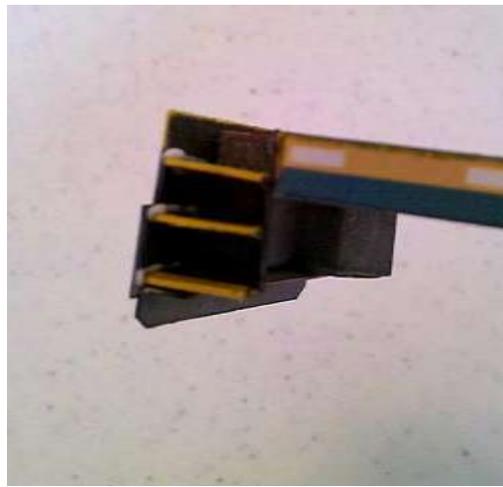
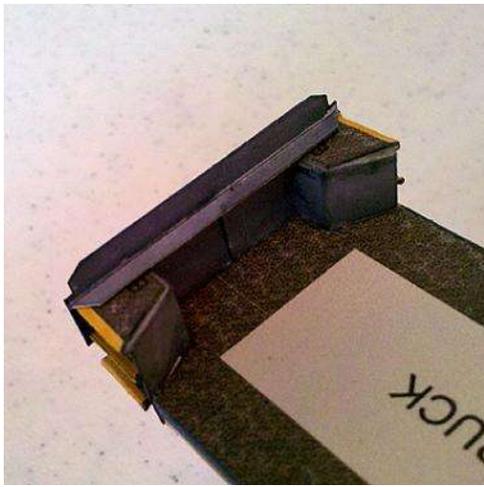
6.) Fold 4 stair insert assemblies and glue as shown. Keep the bottom step of each one (Marked with "B") free and unglued at this point.



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. Add Light Bars to the Top Edge of the End Caps if desired.

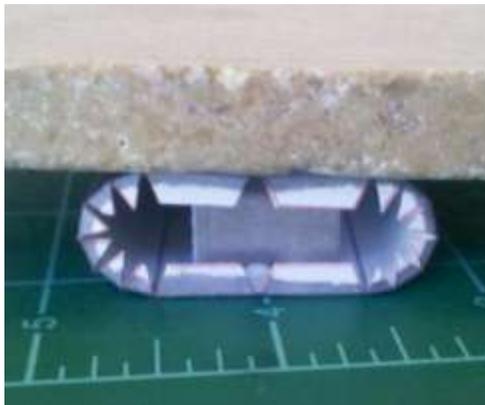


9.) Glue ends onto completed Deck; align with flap tight to the bottom of the Stair wells and center evenly side-to-side. End caps will stick up slightly above deck on top side. (Light Bars are not shown here)



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.) Draw two lines for guides on inside of Tank. Use outer edge of center tabs for guides. Glue zigzag support strips inside in the same fashion as the deck was done keeping inside the lines drawn. Glue top of support strips and overlap flap of Tank and roll over to mate seam together at dashed line. Keep the "V" notches in the center aligned from top to bottom. Weigh down to keep flat until completely dry. Then add Tank Ends – Easiest to do one side at a time as shown.



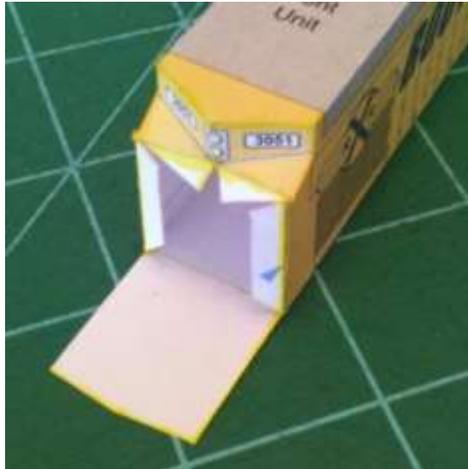
12.) Attach Trucks and Fuel Tank to the bottom of the Deck Assembly; position as indicated on the deck. Remember the Alignment Arrows on the Trucks! The lower portion is now completed!

Assembling the Upper portion.

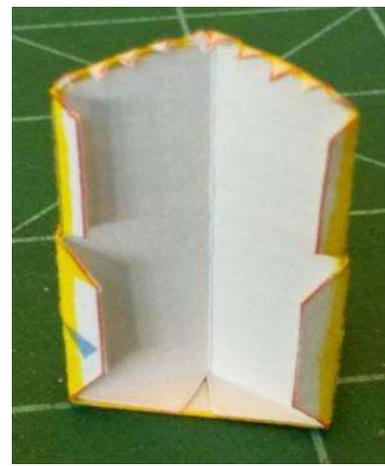
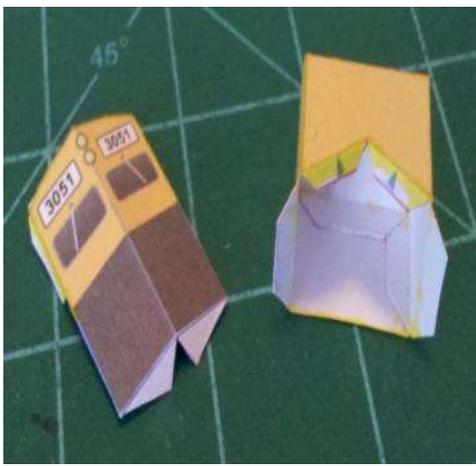
1.) After scoring all blue fold lines, carefully cut out the main body. There are 2 Internal Supports that can be placed inside the length of the box to keep the sides flat. They simply attach to the inside before folding over into the box shape. Place those about 2" in from each end.



2.) Fold into box shape and glue lengthwise. Then glue flat (black) end into place to square up that end. Do NOT fold or glue opposite (color) end yet!!



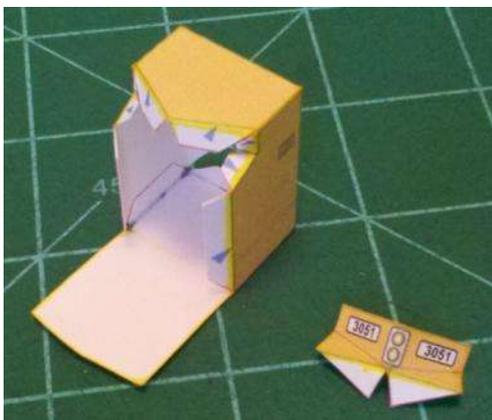
3.) Cut and Fold Headlamp/Numbers part as shown, then mount to upper portion of the body on the rear end. Once dried, then fold the last flap of the body up and glue into place to complete the tail end of the body.



4.) For a LOW-NOSE version fold up and glue the boxy-hood (with "V" notch) and the Windshield panel. The Windshield panel mounts into the "V" notch; align the triangular flaps on the bottom of the Windshield panel to the back of the hood "floor". The side tabs of the hood will wrap around the edges of the windshield panel as shown.



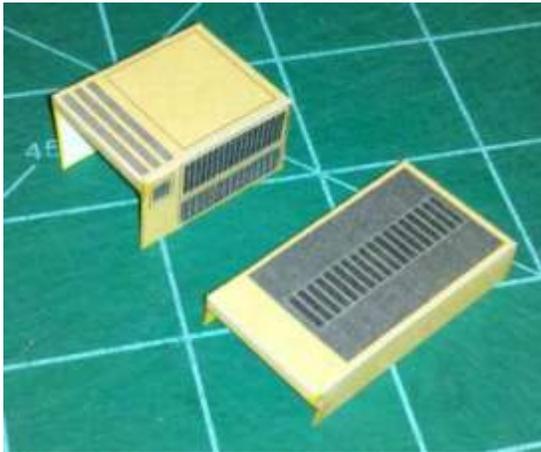
5.) Mount Hood/Windshield Assembly to Cab Unit. Then complete cab unit with Roof. NOTE – For LOW-NOSE, the Roof will need the pointed section, however, if building a HIGH-HOOD, cut the roof straight on the front.



For a HIGH-HOOD version, assemble the Optional High-Hood parts. These assemble identically as the rear end of the main body was done a couple of steps back, these should look the same. Then mount this to the Cab Unit. Note as stated, the front Roofline here is straight. The point has been cut off.



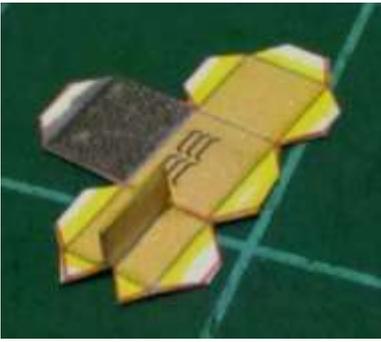
6.) Glue the completed cab to front of the main body. Make sure the bottom of the cab is flush to the bottom of the body. The entire body/cab/nose assembly should be flat and flush from front to back.



7.) Fold and glue the two Roof Vent boxes. Mount on top of the Body where indicated by Gray areas. The shorter one goes towards the cab end, and the longer one to the rear. Each has a tab marked as "Front Side" indicating that end points forward towards the cab as shown.



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.



8.) While body and deck dry, assemble the steps that attach to the cab. There are 4 Steps, 2 facing Left and 2 facing Right. Start on each one by “Bunching Up” the Longer Side panels to form the “Wings” on the Sides. Then fold into the basic boxes. Then glue all of the Boxes to the deck and cab as shown. Keep sides flush while glue sets.

Enjoy!!



C600 Series Road Switchers Shown

© Copyright 2011 – RXR Models – 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.