

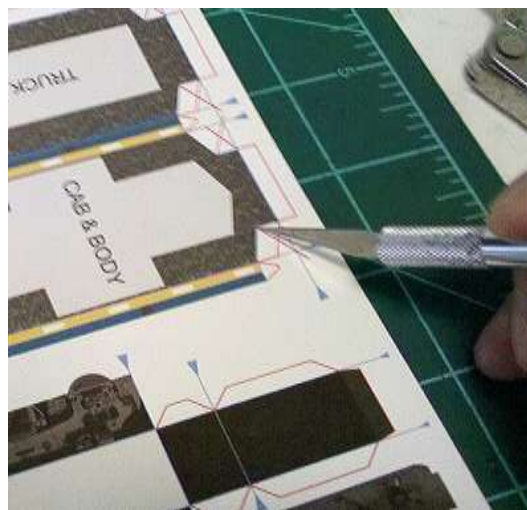
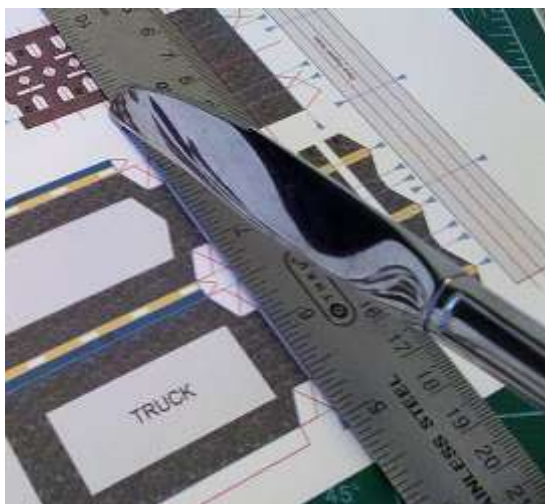
RXR Models – General Assembly Instructions for AC Series Road Switchers

(Parts and/or photos may vary depending on specific model)

DO NOT PRINT THESE INSTRUCTIONS ON CARD STOCK PAPER!

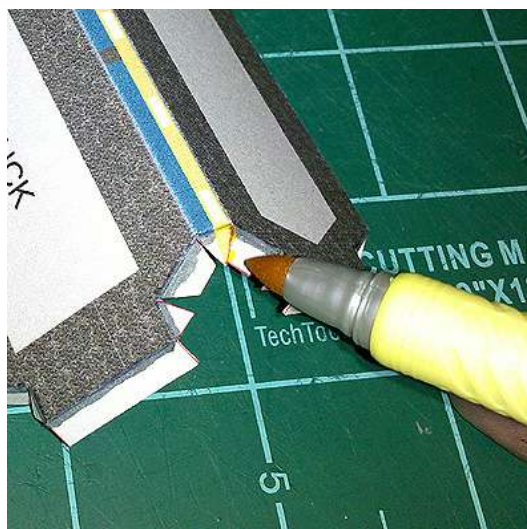
Print these pages on standard copy paper, then switch to card stock for the model parts only.

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.

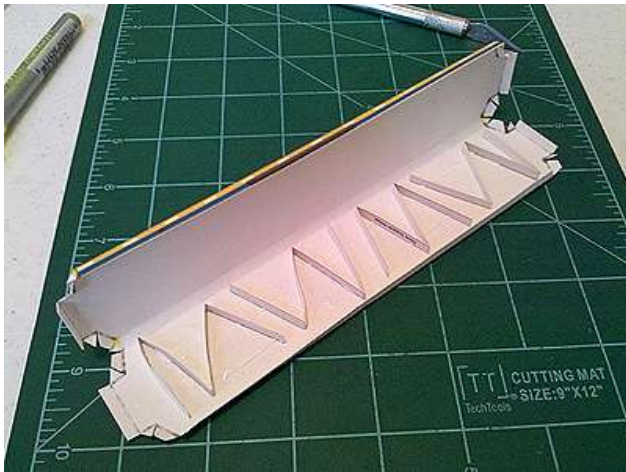
Cut out parts using a good sharp modeling knife. Cut all Red lines as they indicate additional cuts needed. *Caution/Disclaimer: Use of sharp modeling knives should not be allowed by children unsupervised!*



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.

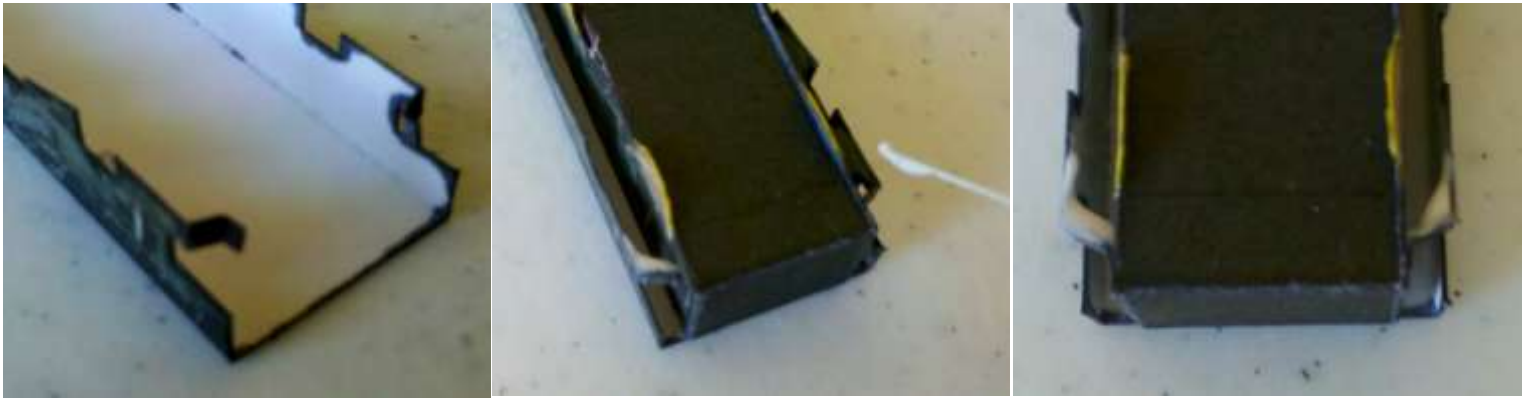


- 2.) Fold the Deck halves over to encase support strips. Apply glue to the strips on the top and bottom so they will bond the top and bottom surfaces of the deck to provide a rigid structure. Be sure to square up and align the sides before the glue sets. DO NOT glue the tabs on the ends of the deck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

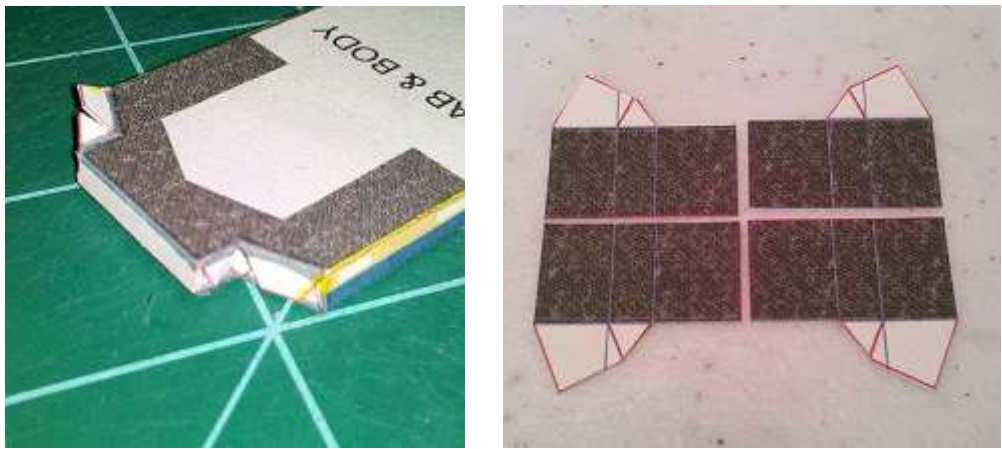
Then immediately place assembly on a good hard flat surface and apply evenly distributed weight with a flat object to keep deck completely flat while glue dries. This is the foundation of the model! Allowing deck to dry without weighting down will allow the deck to twist or warp, and if that happens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



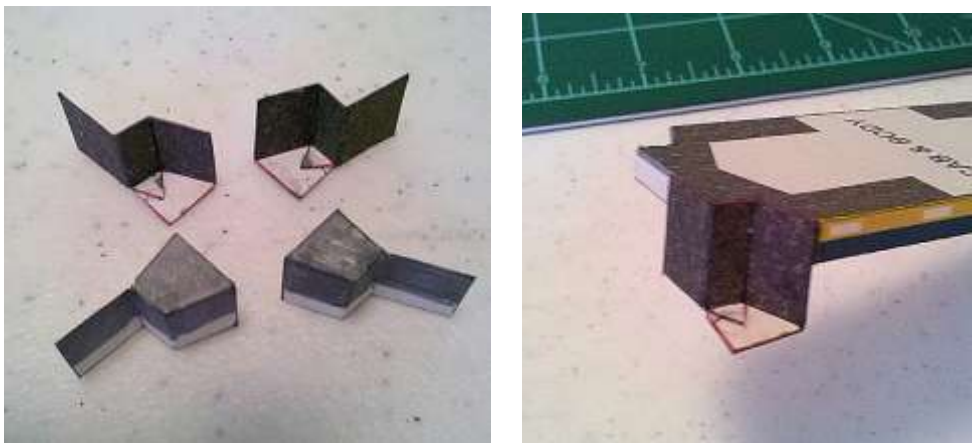
- 3.) While the Deck is drying, move on to the Truck Units. Again, score all fold lines before cutting. Darken edges and backs of the wheels with Gray highlighter. Truck units fold up into a "box" type structure. Assemble the 2 items and just be sure to keep sides and ends square. Then fold Truck outer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



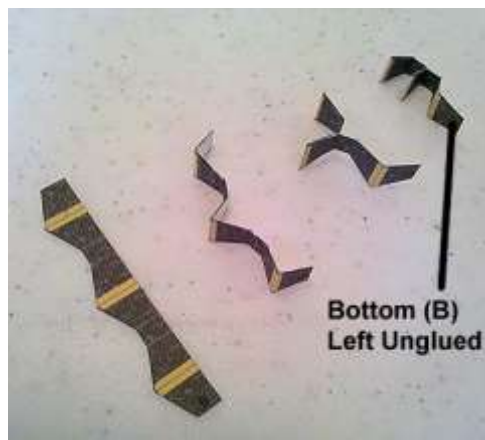
Note that on Triple Wheel Trucks, the outer assemblies have ties at each end instead of one tie in the center like Two Wheel Trucks do. Fold these in, and after gluing Trucks into place, glue tab ends to the trucks. Then using a toothpick or thin strip of paper, add a large dab of glue to the inner corners.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



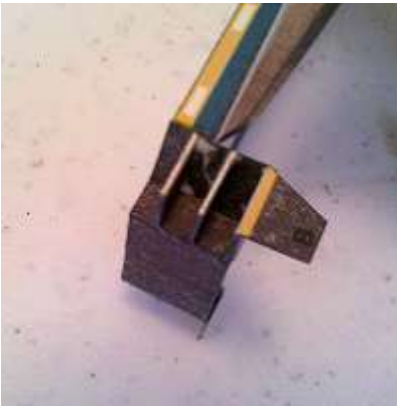
4.) Once Deck is dry, complete the unit by folding in the tabs at both ends of the Deck and gluing them. Cut out the 4 Stair Well Panels and separate. Be sure to cut in the extra RED lines Fold and glue the tabs to form the stair wells as shown below. Using Gray highlighter, also darken the backs of these pieces.



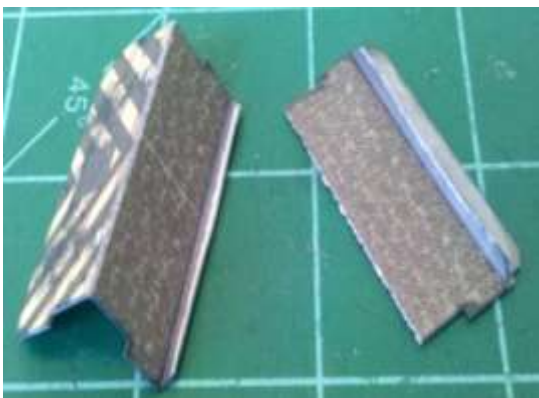
5.) Glue the 4 Stair Wells onto the Deck Ends as shown above. Keep the top of the Wells flush with the top of the Deck. While allowing these to dry, assemble step inserts.



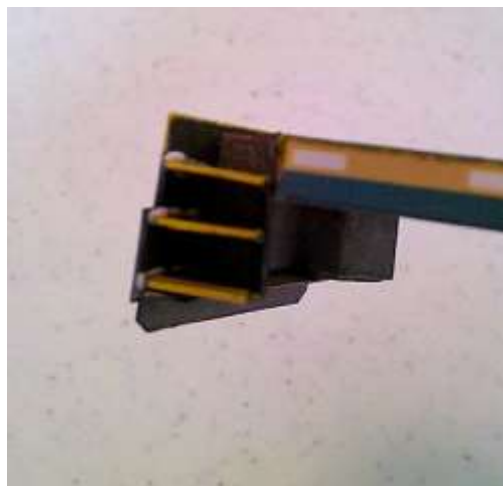
6.) Fold 4 stair insert assemblies and glue as shown. Keep the bottom step of each one (Marked with "B") free and unglued at this point.



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 the End Caps and glue to become two-sided with alignment flap positioned at 90 degrees as shown. Darken Back of flaps with Gray highlighter. Fold top of lights backwards and glue to the back of the Head Lamps. Glue Headlamp strip onto front of End Caps with lamps sticking up above top edge of End Cap. Flush the top of the Lamp Strip to the top of the End Cap.

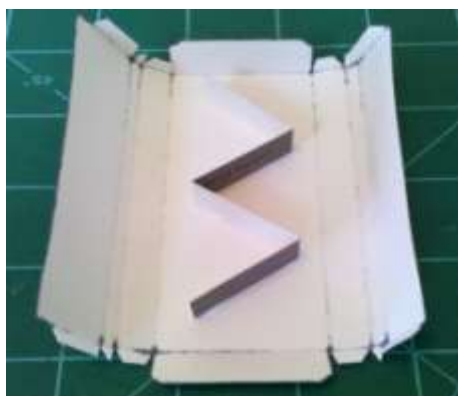


9.) Glue ends onto completed Deck; align with flap tight to the bottom of the Stair wells and center evenly side-to-side. End caps will stick up slightly above deck on top side.



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.



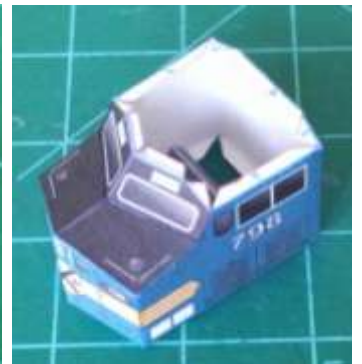
12.) Attach the Trucks and Fuel Tank to the bottom of the Deck Assembly; position as indicated on the deck. The lower portion is completed!!

Assembling the Upper portion.

1.) After scoring all blue fold lines, carefully cut out the two main body parts. NOTE at the cab end there are several extra cuts to be made to form the roof, so follow the red lines completely here.



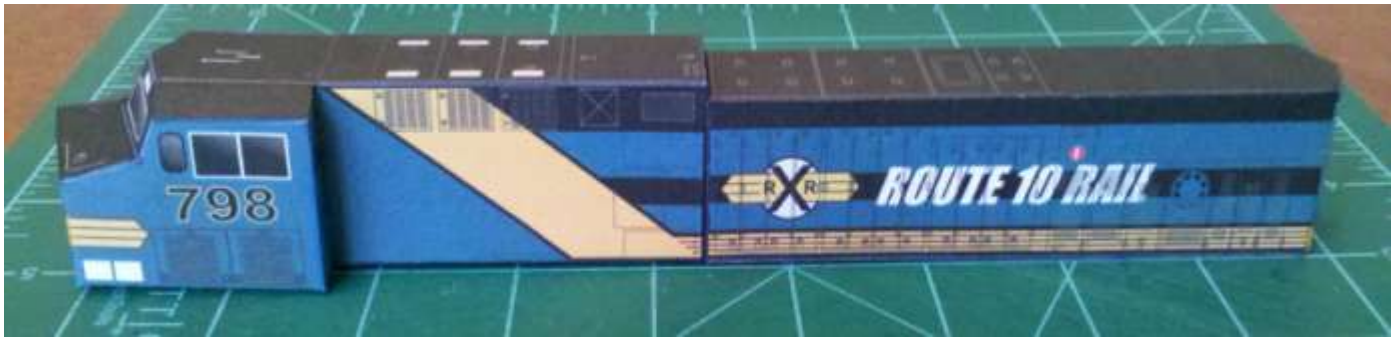
2.) Fold Body parts into basic box shapes and fold end flap near cab end in to square and support the body end at the cab. Then fold and glue Rear Nose end onto the end of the other Body box. Be sure to square up and align properly before glue dries.



3.) Fold and glue the Cab Box into shape as shown and attach the front Nose piece. Also fold Cab Side support strip into an accordion shape and glue internally. Position this towards the bottom and center below the Cab numbers. This provides support for the cab when gluing to the deck later. Attach the Hood piece to the Windscreen piece as shown. Once dry, attach the Hood/ Windscreen to the Cab as shown in picture 4. Make sure to square up and get all sides and corners aligned before the glue dries.



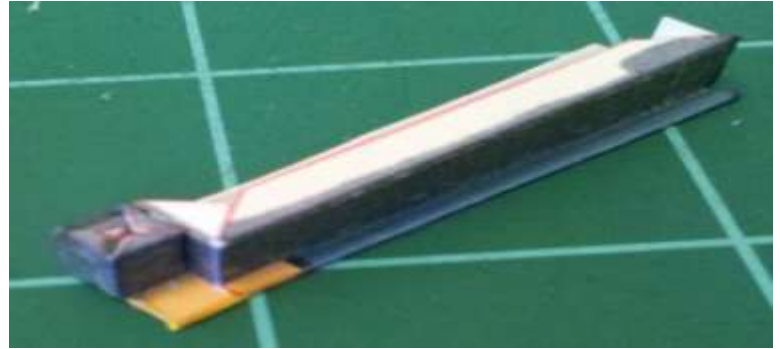
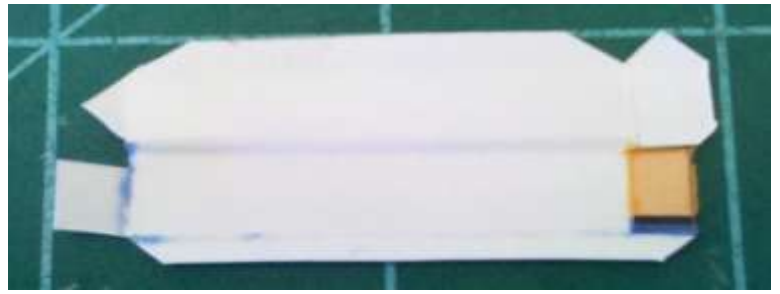
4.) Glue Cab to the front of the Body section with roof as shown. Do Not glue roof yet; just position cab centered side-to-side so roof flaps will follow angles on each side properly. Secure Cab tight to the Body, and make sure bottom edge of Cab aligns with bottom edge of Body. Once that sets, glue the top front edges of the Roof to the top edges of the Windscreen. Align the pointed front corner. After the front edges are dry and set, then complete the roof by gluing down side flaps one at a time.



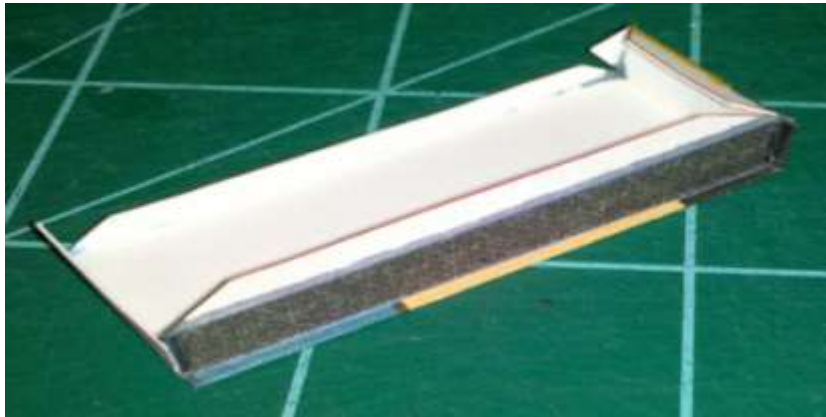
Finish the body by attaching the Rear section to the Nose/Front section assembly. Note that the top roof line drops about $\frac{1}{4}$ " from the front to the back. This is correct; the back roofline is lower than the front. Just make sure the bottom of the entire body/cab/nose assembly should be flat and flush from front to back.



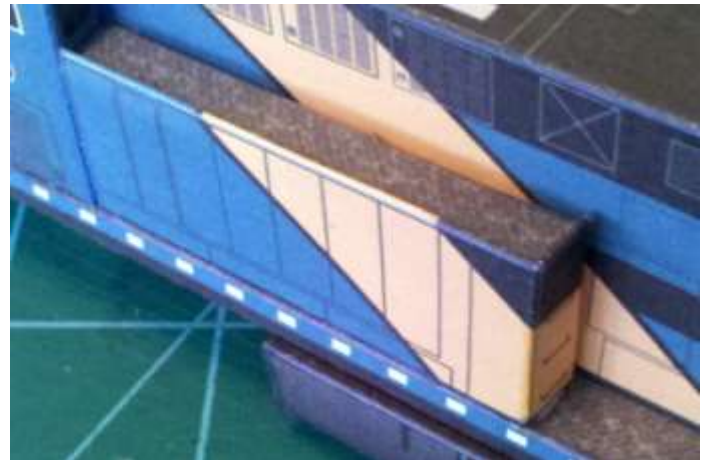
Once dried, glue entire body assembly to the Deck as indicated on the top of the deck. Cab should be flush on each side, and the body should be aligned as straight as possible before glue sets.



5.) While Body and Deck dry, assemble the Steps and Equipment Box that attach to the sides. Step folds into a box. Start the Step box by gluing extended end tab back as shown in upper right picture. Then complete the rest in a basic half-box as shown. Notice there is a drop-edge along top side of the Box. Add the Step to the Box on the extended tab end, and flush to bottom side of box.

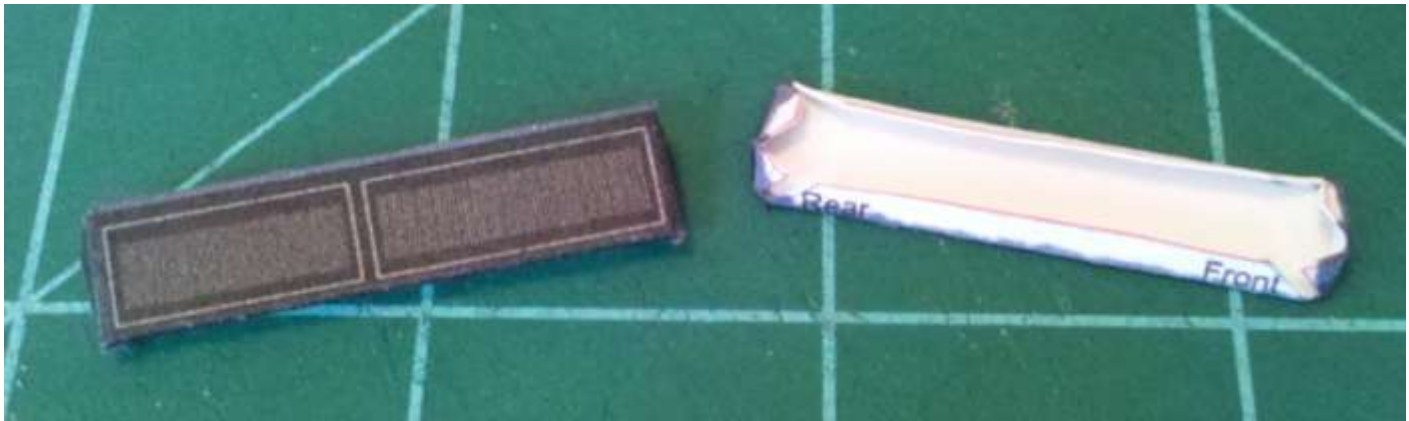


6.) Assemble the Side Equipment Box. Also note this has a drop-edge along the top. This will attach on the left side of the body behind the cab. Step and Equipment Box is mounted to the sides of the Body behind the Cab as shown below.





7.) Assemble the Top Hood cap. Glue the Top Hood support strip inside along the top peak. Allow this to have a little spread in the vertical portion to increase the rigidity of it. (Like this: $_/_$). This keeps the vent from denting if it gets pushed on. Glue and attach the vent to the top of the rear of the Body. The smaller gap in the end plate fits around the Headlamp as shown. Two small triangular shapes tuck up to fill gaps above the numbers. The larger gap on the other end will fit flush and snug to the top of the Body.



8.) Last step is to add the angled vents under the Top Hood. These are labeled with a front and rear, so make sure you have those correct. Align the vertical gap between the vents with the vertical gap in the middle of the Top Hood side doors. The short side of the triangular ends goes against the Top Hood and the longer side goes against the Body as shown.

Enjoy!!



AC Series Road Switcher

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