

- Fold lines are etched into the pieces. All folds are made with the etched line inside the fold except for a fold on part No. 26. It is to be folded back on itself with no gap between the two pieces. The width of folding lines determine the bending angles. The steps on the platform have etches on opposite sides in order to make steps. Use a smooth jawed, wide flat billed plier to make the bends (A).

- Soldering. Use a small (2mm+/-) chisel tipped soldering iron (B). The 0.16 thick brass pieces require approximately 750F^o soldering iron temperature (25 - 30W). Use a small diameter solid core solder and a good non acid liquid flux with a tooth pick or a small brush as an applicator. Take care not to let any flux run outside the area to be soldered.

- Use a pin vise when using the small drills. All holes that receive an etched pin or locating tab must be enlarged using the #75 drill. If a reamer is not available the holes that accept the forward and rear headlamps can be reamed out using any sharp edged instrument.

1. Bend the radiator sheet to form the forward sand box.
2. To achieve a smooth continuous radius, bend the hood sides down by hand. Utilizing the small locator tabs, hold the hood and radiator parts together upside down in a vise (non metallic jaws), solder inside the radiator to the hood.
3. Fit (ream) and solder the forward headlamp. File hood corners round to match long top edges of hood.
4. Bend the rear hood top to form the step down. Two bends. One down, one up. Bend the shallow angle at the rear side panels of the hood. Using a small hardwood stick, bend down the upper corners to fit. Adjust the other edges for a proper fit. Solder outside. File corners to match the rounded contours of upper edges of hood sides. Use the #56 drill to open the exhaust hole. Solder on the exhaust pipe. Enlarge the hole at the front of the hood with the #72 drill. Solder the bell.
5. A narrow bakelite spacer fitted under the small etched grab irons will keep them spaced out (C). The self locking tweezer and two pieces of bakelite can be used to hold the hand grabs in place while soldering them in place from the inside (D). Solder the long handrails in place. To use of spacer is optional, final shaping can be done after soldering.
6. Care should be used when assembling the cab. Hold the cab side between the non metallic heat resistant jaws of vise, slide the cab front panel's tabs into the confirming notches, hold the cab front panel square using a wood stick, then solder (B).
7. Bend and form the battery box on the rear wall of the cab. Fit the locating tabs in place and solder outside to the cab walls.
8. Using the locator pin, position the cab roof. Solder.
9. Ream out the rear headlight hole to accept the headlight. Solder. The #75 drill will enlarge the holes for the rear cab step and handrails. Fold hand rails up, solder corner, then solder the step / handrail assembly to the back of cab.
10. Use the #72 drill to enlarge the hole at the front of the cab, then solder the horn. The #75 drill will enlarge the holes for the cab front step. Solder.
11. Use the flat, smooth jawed plier to form the steps (A). The rise for the top step is bent down first, then the step itself is bent up. (Check the etch thru between the top step and the platform, cut line thru with a blade if needed.) Bend all steps following the same sequence, then finish on to the bottom step.
12. Fold the two foot boards and the coupler mounting plate, then solder the corners. The coupler mounting plate has a drilled and threaded hole for screwing the coupler in place. Use the two locator pins to position the front and rear plates. Carefully adjust the steps, so the bottom step matches the little tab extending out from the sides of the foot boards. The coupler mounting plate must have clearance between it and the frame. Solder.
13. Bend down the fuel tank supports. The fuel tank supports have an etched shoulder to position the fuel tanks. Use a self locking soldering tweezer to hold the tanks in place, then solder (E).
14. Bend the corners of the platform sides. Check the proper fit between the steps, then solder corners.
15. Use the locator tabs and the hand rail posts to position the platform side, solder it to the platform in small sections. Check for straightness and flatness, then solder full length.
16. Solder on the cab.
17. Solder on the hood, solder the joint between the hood and the cab, file / grind flat all inside surfaces adjacent to chassis components. Add weight (not included) to the inside of sand box and other hollow areas.