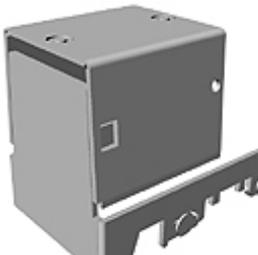
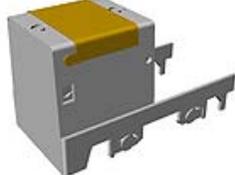
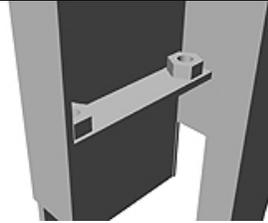
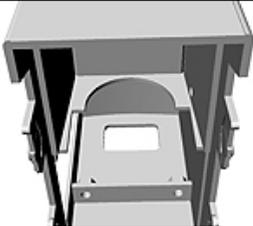
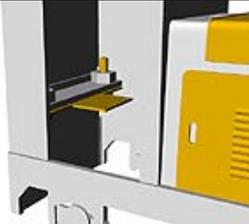
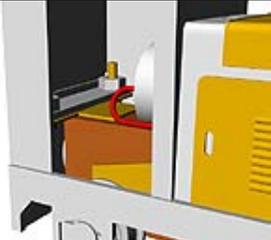
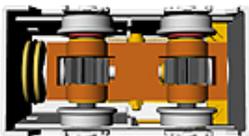


## Madge00n3 - Ruston LB 009 Assembly Instructions (Body)

Page 1 of 2

					
<p>1. Remove main frame from fret and clean up all edges. Fold as shown above. Allow to fold naturally but squarely.</p>	<p>2. Remove engine compartment from fret, clean and fold as shown, slightly over fold bearing in mind folds are not at right angles.</p>	<p>3. Check for fit easing the bottom edge and notch with a file to obtain a neat fit with side frames parallel</p>	<p>4. Tin or apply solder paste to mating surfaces. Stand on front, check rear of engine housing is square to side frames and sweat together.</p>	<p>5. Remove bonnet from Fret B and clean up. Clamp bonnet centrally on housing and 'spoon' over edges. Once a good fit has been obtained put safely aside – <b>do not fix yet.</b></p>	<p>6. Cab should be folded in the order shown. The first fold above is over size to facilitate folding. Be careful to avoid distorting the cab front. Do not remove motor cut out.</p>
					
<p>7. The first fold now needs to be filed back to about 1.5mm. Make the second fold as shown.</p>	<p>8. Fold the front of cab again taking care not to distort the front. A slitting saw can now be used to remove the motor cut out.</p>	<p>9. Complete the cab folding and check for square.</p>	<p>10. Remove the chassis mounting bracket from fret A, clean up and, using the cocktail stick trick, affix 2 12BA nuts as shown. Check screws will fit and trim to 6mm length.</p>	<p>11. Solder bracket to rear of cab. The half etch grooves inside rear of cab gives correct position.</p>	<p>12. Offer up cab to build and check for fit. Note that there are two sacrificial side frame extensions to assist alignment. Tin or apply solder paste to rear edge of engine housing, cab bottom edges. Flux mating surfaces and sweat together.</p>

Page 2 overleaf

					
<p>13. Some material must now be removed from inside the cab front as shown to clear the chassis. Offer up the chassis to ensure adequate clearance.</p>	<p>14. Place the roof on a cutting mat or similar compressible surface and roll over with 6mm bar or drill shank until correct curvature is obtained. Attach to cab. Roof is slightly over size and should be filed flush if simulated gutters are to be added – see 18</p>	<p>15. Remove the side frame extension tabs. Remove the front overlay from fret B and clean up. Solder or epoxy to front taking care to avoid the grill Carefully radius top and side edges.</p>	<p>16. Fix the engine covers and cab overlay. Carefully clean up window frames without distorting them. Two sets are included as they are tricky.</p>	<p>17. Attach the window frames followed by the bonnet previously formed</p>	<p>18. Cut 2 lengths of 0.4mm NS wire to simulate gutters and attach. Cut 2 lengths of 0.4 NS wire for the cab opening beading. Rear of cab banding on fret B can now be fitted.</p>
					
<p>19. Bend a length of .7mm NS wire to form exhaust stack. Cut a top bracket from a piece of scrap 10 thou brass. Ease the edge of side cover with 1mm drill bit to allow fixing of stack.</p>	<p>20. The T shaped chassis mount (<b>see Note below</b>) should now be attached to the bracket at the rear of the cab. Place the body over the chassis. For 6mm motors the body will need packing with card under the bonnet to level up.</p>	<p>21. Remove the chassis and apply epoxy resin to top of Tufnol chassis block where it will sit against the T mount. Ensure packing is in place and position the body over the chassis.</p>	<p>22. Carefully align the axles with the etched bearing housing on the side frames and pack with pieces of card to keep central while epoxy sets.</p>	<p>23. The ballast / coupling pockets are laminated and should be assembled in the correct order to produce the mounting recesses.</p>	<p>24.. How you wish to couple will be a deciding factor in the mounting height of the ballast/coupling pockets</p>

Note Step 20. As supplied the T shaped mounting bracket is for the 6x 10 and 6 x 12 motors. For 8 x 16 motor the bracket must be reduced to 3.5 mm to clear rear of the motor