

# KAR NORTH HOBBIES

## NEW SOUTH WALES RAILWAYS RAILMOTOR No1

### CONSTRUCTION HINTS

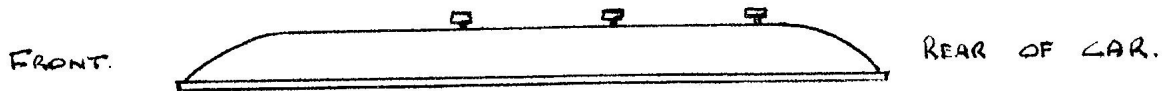
1. Clean all epoxy components of body and chassis with detergent or solvent to remove release agent.
2. Lightly scrape all edges to be glued to ensure clean surface - Super glue is recommended for construction.
3. Clean all flash from around windows etc.

### BODY

1. Take roof and dry fit nose section

\*Note

Ventilators are from the rear of the roof,



ensuring that the nose section is square to the roof, tack with superglue.

2. Take sides and fit to roof section -

\*Note

Indented door to front of vehicle.

Tack with superglue ensuring they are vertical.

3. Rear section can now be fitted -

When satisfied that all parts are correct and fitted well - reglue all joints.

4. Headstock is to be placed across front of bonnet section with indentation to the top

5. Kerosene headlight to be glued on right hand side of bonnet

\* Check photo for positioning.

6. Drill and tap 8Ba hole in underside of bonnet section for front bogie.

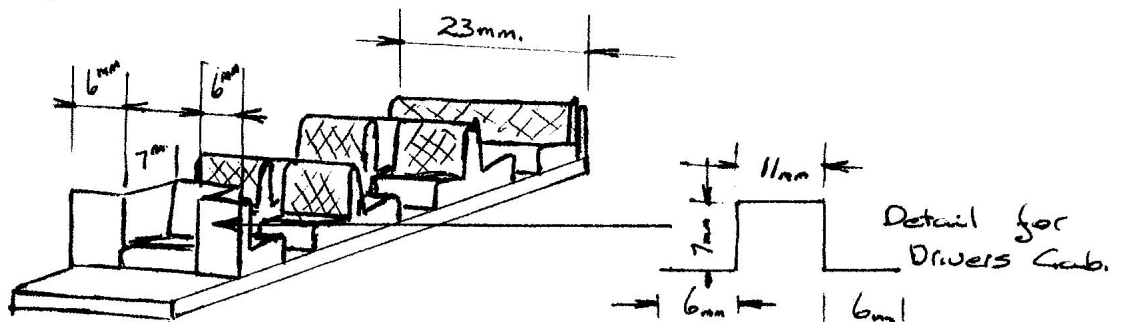
7. When glue is dry - fit chassis into body with box tank to rear

\* File equal amounts from front and back of chassis

8. When happy with fit of chassis - remove and continue.

### INTERIOR

1. Take a 9mm strip of styrene and cut lengths as per sketch -



These are glued in place.

2. When completed ensure interior fits in body. (It may require trimming.)

3. Take .010" clear styrene and cut lengths to fit inside car body, these should be glued in with Quick grip or similar so as to not mark clear windows - tack sparingly.

4. Glue interior to chassis so that walls line up with pillars.

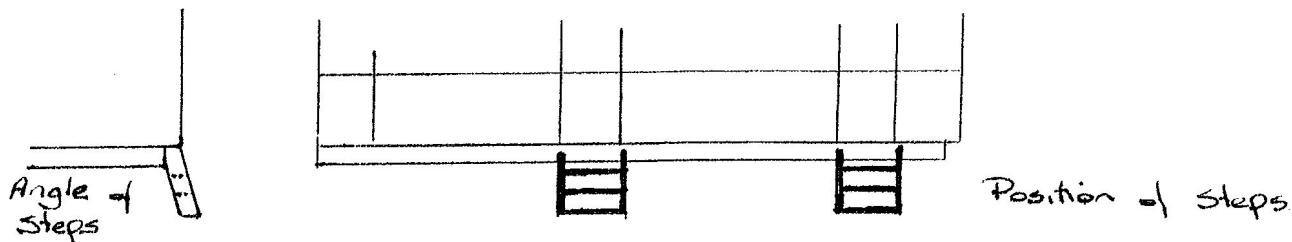
### FRONT BOGIE

1. When fitting front bogie if you require extra pickups, fit supplied pickup to top side of bolster, and secure with superglue - solder wires to each side of pick up.

2. Fit bogie to body and shape wire so as not to foul bogie in its travel.

## STEPS

1. Fit chassis to body to line up steps.
2. Superglue steps in place under guide rail on which body sits.



## PAINTING

1. Body - the best suggested colour for the body is Humbrol maroon No.20.
  2. Roof - matt ochre No.63.
  3. Underbody - black.  
Grill & Headstock - black.
  4. Interior - Seats - light green.  
Floor and Walls - light brown.
- \* With interior use your own discretion as I'm not sure of actual colours
5. If you have lenses for the lamps fit them.

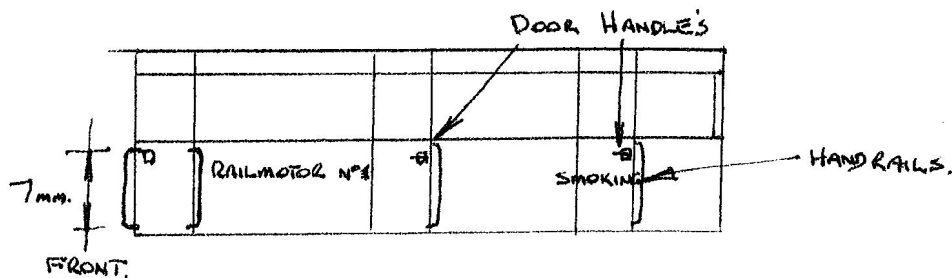
## FINAL ASSEMBLY

When all other steps have been completed final assembly can be carried out.

1. Chassis fitted to body and tacked with superglue - front, rear and both sides - use only a small drop.
2. Take pickup wires from front bogie and solder to two front pickups on spud unit - ensuring you have correct polarity.

## DECALS & HANDRAILS

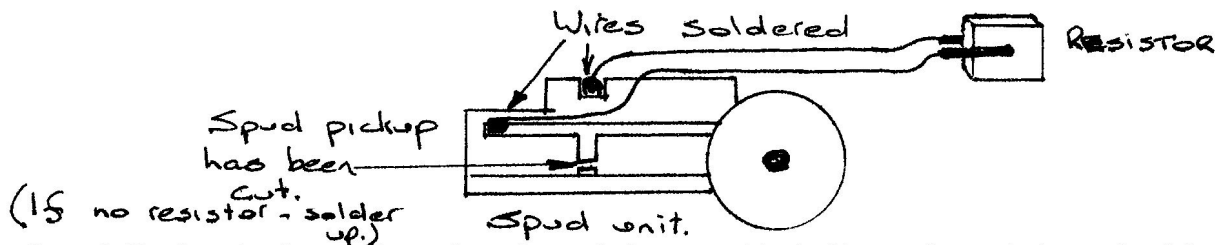
RAILMOTOR No1 & SMOKING - place as per sketch.



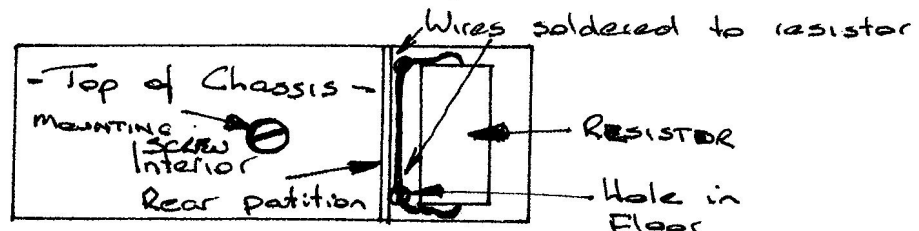
**"GOOD LUCK"**

## MOTOR

1. Clean all holes in chassis to ensure good fit for spud unit.
- \* Drive wheel to tank end.
2. If you require to run the unit at prototypical speed it is advisable to fit the resistor. If so please continue.
3. Drill a 3mm hole at rear of spud recess - in one corner so as to allow pick up wires to be soldered to resistor.
4. Solder wires to spud as per diagram



5. Carefully bend wires at ends of resistor so that they clear internal side of body.
- \* Ensure when glueing resistor to chassis that the body will still fit!



6. When all this is completed solder pick up wire to resistor - after spud has been screwed to chassis.