

MAIN WEST MODELS

Assembly Instructions:- NSW "DOGBOX" CARRIAGES

Pattern and Design:- MAIN WEST AND STEPHEN JOHNSON MODELS

Distributed by:- CASULA HOBBIES

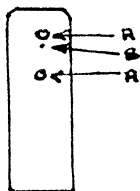
NOTE:- Read assembly instructions right through before starting. Recommended adhesive, Superglue or 5 minute araldite etc. Recommended bogies Camco injection moulded 2aa bogies and wheel sets available from Casula Hobbies.

1. Clean castings in acetone to remove mould release residue. Examine castings and remove flash with fine files or sharp craft knife Warped castings can be straightened by heating in oven at 150øF. and holding in desired position till cooled and hard.
2. Clean epoxy skin from windows with small screwdriver and clean up around edges with sharp knife Clean any epoxy off the back of the windows at this time. Glue styrene toilet window inserts into the 6 cavities formed in side castings
3. Trial fit sides and ends together. Ensure each casting will mate cleanly with minimum gap. File carefully to accomplish this don't overdo it though Tack one side to one end with superglue and repeat for remaining side and end, then tack glue remaining diagonal corners together When satisfied that sides and ends are aligned correctly reinforce the joints (from inside) with 5 minute araldite or plastibond etc.
4. Drill buffer beams, fit brass buffers and glue to body.
5. Trial fit roof to body shell. File as necessary to obtain snug fit, both between ends and inside ridge along top of sides. When satisfied glue into place. Gaps in joints etc. should be filled with plastibond, automotive quick stop putty etc. and when hard, file and sand smooth.
6. After assembling as required, fit bogies of choice to floor casting Check wheels don't foul outriggers on floor, relieve as necessary Floor outriggers fit up into ridge formed in the sides Fit floor by either gluing in place or screwing to spacers glued inside body so that it can be removed.
7. Truss rods are bent and glued to bottom of the body as per diagram Bend brass 30g wire to reverse "S" shape for handrails on passenger doors. Drill out preformed holes on each door and fit the handrails.
8. Fit couplers (Kadee No.5 recommended).
9. Paint sides and ends Tuscan red with yellow lining, Black underframe, running board, buffer beams and underbody gear. Roof can be silver or graduated down to grimy or weathered. black. Mask white toilet windows only (Maskol etc) prior to spraying There is no need to mask glass windows - after paint is hard it can be removed from the glass with small flat screwdriver and sharp knife.

HANDRAIL FORMING JIG

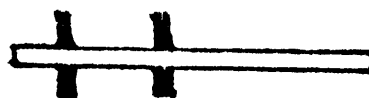
To use Jig, proceed as follows

1. Drill holes through casting as under. Drill right through where dimpled.



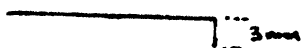
A = No70 (.0280")
B = No79 (.0145")

- 2.



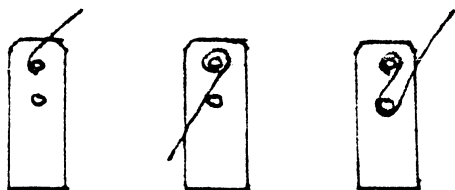
Cut 2 lengths of 22g wire or similar about 6mm long and fit into larger holes as above. Wire in kit for truss rods is 22g. Adjust size of holes if using different size wire. Glue if necessary to ensure secure fit.

3. Bend 3mm right angled leg in the 30g (.010) wire



4. Push 3mm leg through small hole in jig and clamp to thick wire under jig with pair of pointy nose pliers

5. Form wire into reverse "S" shape as under

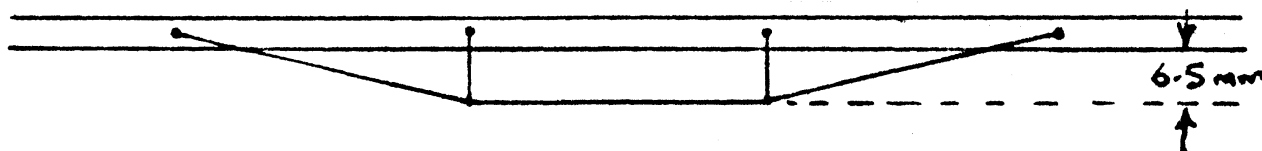


6. Remove wire from jig and bend right angle to form 2nd leg



Trim both legs to approx 1mm and fit to carriage

Truss rod



C 1983 ALL RIGHTS RESERVED

Purchase of this kit does not permit the purchaser to reproduce the items without the owners express permission. Legal proceedings will be taken against infringements.