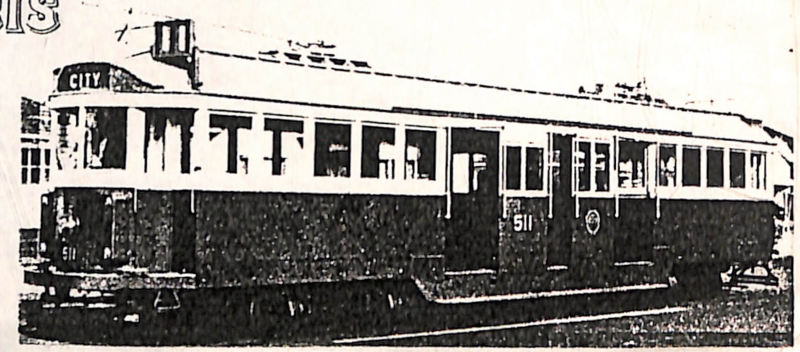
Weico Models

P.O.BOX 283,
RESERVOIR, VIC., 3073

HO SCALE



— MMTB Official

TRANSPORT HERITAGE SERIES

No. 5 M.M.T.B. W2 TRAM

The M.M.T.B. was formed in 1919 to operate all Melbourne Tramways. By the year 1922 the M.M.T.B. had a fleet of 216 Trams of 21 different types. In November, 1923 W Class No: 219 was introduced to service, the first of 410 Standard trams to be built until 1931.

The term standard did not really apply to the group of 410 Trams. Some were built to W Class, others to W.1. Class and the rest to W.2. design.

During the period 1929 - 1938 all cars were modified to the W.2. Standard. There were many changes to the Trams over the years but not so great as to warrant a change of class. 1959 brought the first car to the scrap line (NO: 313) at this date there were 16 varing differences, some external some not so obvious.

The W.2. carried the bulk of traffic until the 1960s when some were placed in store. Mass withdrawl began in 1975 when new Z Class cars entered service. Many of these withdrawn trams have found new service with Tramway Museums and 5 to date (272,482,512,518,648) have gone to the U.S.A.

As at 1st August, 1983, 85 W2s remain in daily traffic surely the W 2s have been part of the Transport Heritage of Melbourne.

Information and technical assistance provided by NORM CROSS and further technical information on W 2 and other M.M.T.B. trams can be found in his book "DESTINATION CITY"

PAINT DETAILS

Body...Dulux Tramway Green. Window...Dulux Cream. Roof...Light Stone Underframe...Black. Numbers and Logo...Gold and Black.

GENERAL NOTE

WEICO suggests that LOW MELT SOLDER be used for construction of this kit. Satisfactory results can be obtained by using ARALDITE OR SUPERGLUE.

Defective parts will be replaced free of charge on return. Parts you break can be replaced send for replacement cost.

INSTRUCTIONS

1) Check parts against parts list. Remove flash and molding marks, square parts up with file if necessary. A dry run assembly is now suggested.

2) Take on body side place flat surface pack underneath to level side with outside down. Take one interior bulkhead detail side to centre of body fix to locating lugs (see Fig A). Ensure part is fixed at cabin floor line (offer up cabin floor to check) and is upright and square. Take cab bulkhead, detailed outwards and fix in simular way (see Fig A). Ensure part is fixed no lower than subfloor line which is slightly above cabin floor line. Now repeat with other two bulkheads.

3) Cabin floor can now be fitted to side. Check square. Now remaining body side can be fixed to half complete body. Ensure bulkheads are at proper location marks and body is square.

4) Test fit sub chassis to body to check above. This is held in position by inserting inner end into retaining lugs on inside of interior bulk head. Then push down to cab floor bulkhead. Ensure sub chassis is level with line. Then remove.

5) Cabin roof can now be fixed together on a flat surface check against straight edge.

6) Fit seats to cabin. Paint body at this stage and fit glazing. (see over)

7) Fit cabin roof to cabin. Cab roof can no be fitted to front of cab bulkhead and up to underneath of cabin roof. Ensure no gaps. Some file may be needed to ensure this by removal of lugs on cab bulkhead. Repeat...

8) Captive nut must now be fixed to cab floor. Ensure in line with hole.

9) With cabin body upside down fit cab front into retaining slot on cab roof fit cab floor to cab front and cab bulkhead. Check square. Repeat.. Cab doors can now be fitted to both cabs. Detail out.

10) Check sub chassis for fit again and that bolt hole lines up with cab floor captive nut. Remove sub chassis.

11) Take you Bachmann Brill or P.C.C. car and following supplied diagram strip until both motor and pick up trucks are removed. Remove side frame mouldings and instal W 2. castings (see Fig B). Ensure wheels do not touch castings.

12) The motor block must be insulated by using suitable tape or nail polish (see Fig C). Subchassis must also be insulated (see Fig D). Fit sub chassis a test for shortcircuts can be made as motor will run on track as a unit. Fit pick up truck to the No 2 sub chassis.

13) Fit new wires to motor (Fine Strand Wire) thread wire up into cabin through slot in interior bulkheads and down through other end. Fit to pick up truck. (see Bachmann digram) Interior light can be refitted. Please note tram will run without any wires but will only pick up on motor end only. For overhead pick up see end note and Fig E.

14) Fit guards to underneath of sub chassis. Instal motor end to body retain with bolt through cab floor. Repeat with pick up truck end. Test tram on track. Ensure wires do not interfrere with truck movements.

15) Fit trolly support base to cab roof. Cut brass wire to length fit trolly pole base and pickup then fit complete unit to roof.

16) Against template (Fig F) bend brass trolly rests and fit to roof.

17) Fit indicator boards (Fig G)

18) Fit stoplight and indicator light fittings to cab if later model required. (see notes)

19) Additional fittings (not supplied) can be added to complete detail.

Painting your W2 Tram.

The following is a suggestion that will result in a near colour match.

HUMBROL paint.

Cream..Mix no 74 matt 2/3rds with No 7 gloss.

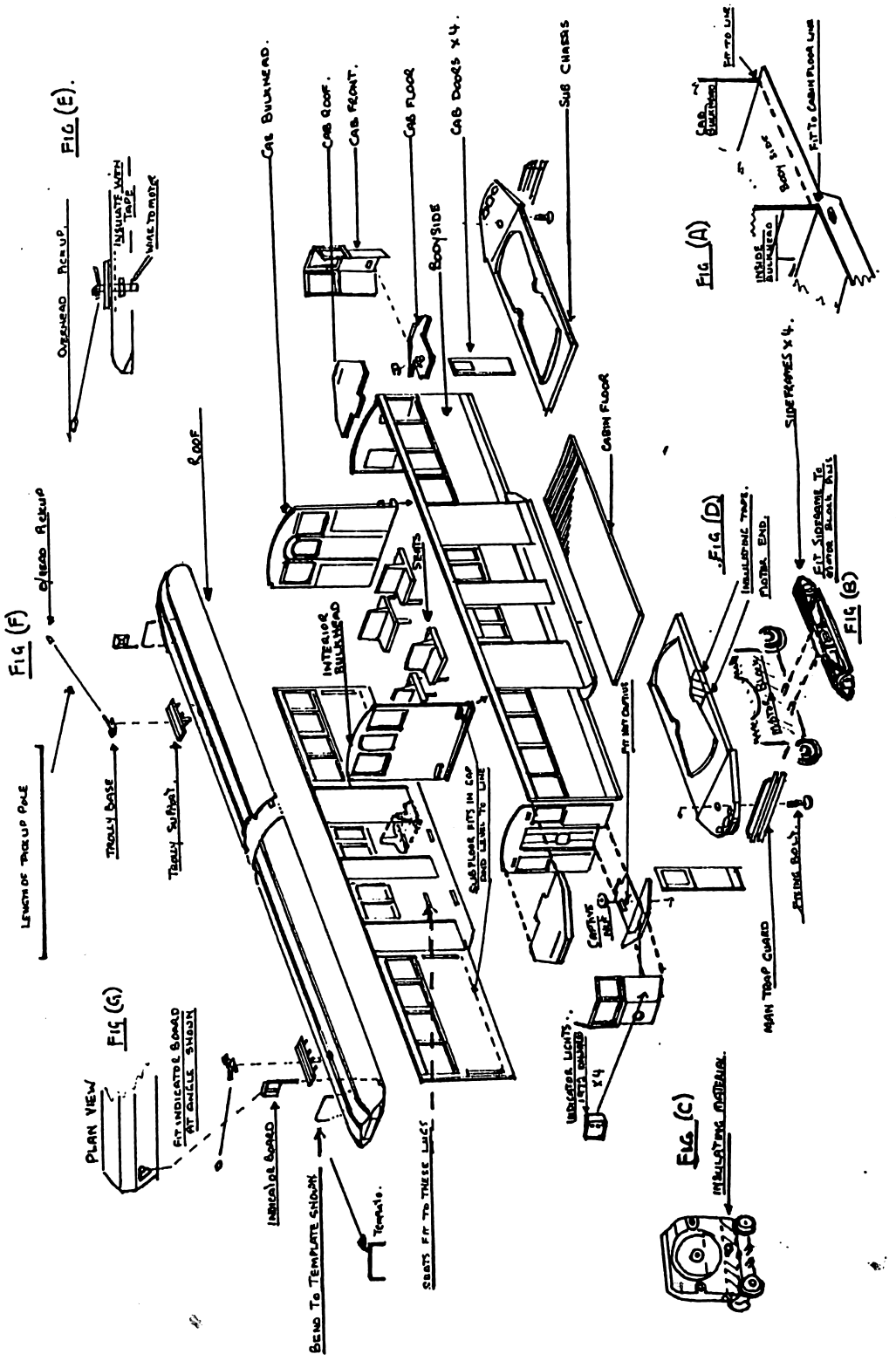
Green..Emerald No2 plus approx 1/4 Med blue.

Roof.. No7 2/3rds No 9 gloss 1/3rd.

Cab interior whits,roof interior white.

Body interior and seats Tan No9.

Floor. Grey.Underframe Black.



PLEASE NOTE NOT ALL PARTS ARE SHOWN E.G. CAB DOORS X4.

TRANSPORT HERITAGE SERIES

No. 5 M.M.T.B. W2 TRAM

AMENDED INSTRUCTIONS, W2.SW 6.

Modification has been made to this kit and extra parts not shown are added.

1. Plastic sub frame.
2. Wheels and bogie parts for display purpose.

DISPLAY BOGIE and sub chassis for display.

- Assemble sideframe support to bogie chassis and fix wheels in position.
- Fix kit sideframes to sideframe support.
- If revolving wheels required wire can be attached across the base of the sideframe support to effect retention of wheels.
- When assembled take plastic sub chassis and drill centre spar to take small screw or bolt to fix display bogie to. Instal in tram body.

SUB CHASSIS

This has been included in this kit to avoid problems of modification of the Bachmann chassis.

- Remove spurs (MOULDING)
- With care cut centre bogie support and remove (Refer Diagram)
- Instal motor as per instructions.
- W2 ONLY.. Screw modified subfloor to body install motor and fix via retaining clip.