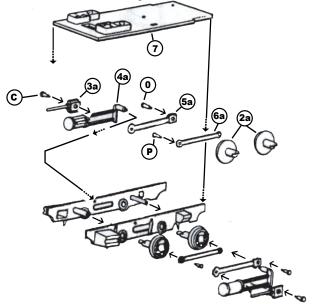


**ASSEMBLY INSTRUCTIONS:** It is recommended that the instructions and exploded view are studied, the various individual parts identified and that assembly is practised before cementing together.

## **1: Chassis Assembly**



 Cement ends of stretcher pins (1 & 1a) inside right hand chassis and press into corresponding locating holes in stretcher pins on left hand chassis.
Insert the two driving wheel pin halves (2) through axles in chassis & repeat with two driving wheel socket halves through opposite chassis side (2a).
Cement both halves of driving wheels together. NOTE that the shaped axles interlock. Check that wheels rotate freely.

**3.** Place crosshead (3) into position outside and between the slide bars of left hand cylinder (4). Note that crosshead slides between slide bars and position rod engages in slot on cylinder cover end.

4. Apply cement carefully to hole at 'T' end of connecting rod. Place cemented hole behind slide bars in line with hole in crosshead. Note that oil box on opposite end of connecting rod is to the top. Push pin (C) through hole in crosshead and press into cemented hole.

5. Repeat operation (3 & 4) on opposite side (3a - 4a - 5a & C).

6. Apply cement to crank pin hole of leading left hand driving wheel and place recessed hole of coupling rod (6) over cemented hole in driving wheel. Note that recess is to the outside. Push pin (P) through hole in coupling rod and press into cemented hole.

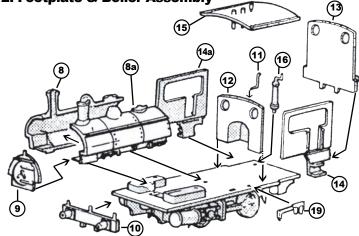
7. Repeat operation 6 for opposite side.

8. Cement location pin of left hand cylinder and slide bars to face of cylinder block on left hand chassis. NOTE - Cement must not contact either the Piston Rod or Cylinder Block.

9. Press cylinder, together with crosshead and connecting rod into position on left hand chassis.

**10.** Repeat operation (8 & 9) for opposite side.

2: Footplate & Boiler Assembly



- **11.** Cement two halves of the boiler (8 & 8a) together.
- **12.** Cement boiler front (9) to opening in completed boiler.

**13.** Cement boiler assembly to footplate lug on front of boiler fitting into cut-out at front of footplate.

**14.** Cement front edges of footplate and chassis and press front buffer beam (10) into position. Note the 3 lamp irons are to the top.

**15.** Cement pin on regulator handle (11) into locating hole above firebox doors on cab front (12).

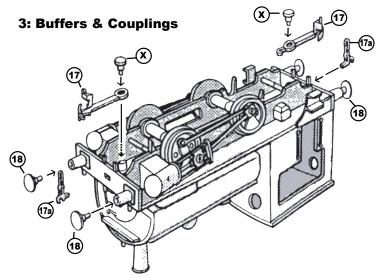
**16.** Cement rear edge of boiler and bottom edges of cab front and position cab front on footplate with cab face butting against rear of boiler.

**17.** Cement cab sides (14 & 14a) to footplate with cab front steps on cab sides fitting into cut outs on each side of footplate.

18. Cement handbrake (16) into hole at rear end of footplate inside cab.

**19.** Cement cab back (13) to rear of footplate and between rear of cab sides. **20.** Compute the edge of cab assembly and proce reaf (15) into place

20. Cement top edge of cab assembly and press roof (15) into place.



**21.** The desired coupling should now be chosen. In addition to scale couplings for non-working models, a working 'buckeye' coupling is also provided. If desired a 'Peco' coupling can also be used. In this case the stem of the pivot pin should be shortened to suit.

**22.** If a working coupling has been selected insert pivot pin (X) through hole in coupling and cement into the locating bush beneath the underframe.

23. Repeat procedure for second coupling.

**24.** If non-working couplings have been chosen, cement the locating lugs of the scale coupling hooks into central slots in buffer beams (17a).

25. Cement buffer heads (18) into locating holes in buffer beams on both ends.

**26.** Cement locating pins on reversing rod (19 - on previous drawing) into locating holes in left side of footplate in front of cab face.

**WARRANTY:** Parts can get bent during transit or by prolonged storage. However misshapen parts can be straightened by placing them in hot water to soften the plastic and then carefully manipulating them back into shape by finger pressure. Please be careful that the water does not cause harm to skin or fingers. In the event of parts being broken or missing, then you **MUST** return to the place of purchase (the seller). The seller will replace your kit and return the original kit to Dapol under their agreed contractual terms. Do **NOT** return to Dapol.

Finally please note that Dapol does not keep individual parts for any kit.