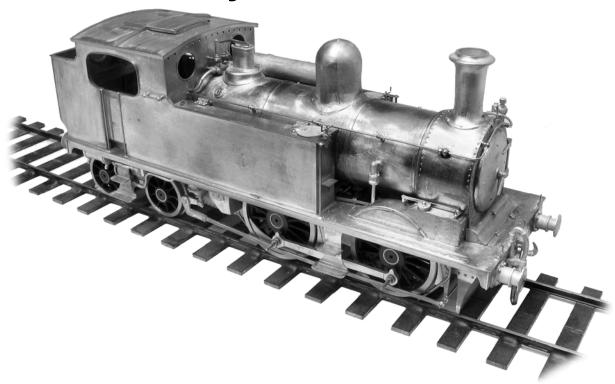
CONNOISSEUR MODELS

- 0 Gauge -

Southern Railway Class 02 Body Construction



Prototype. These locos were built by the LSWR for working a wide range of secondary passenger, branch line and local goods duties. From London Suburban services to West Country branch lines but their iconic work was performed on Isle of Wight summer holiday trains.

Kit. The body & chassis components are a mixture of brass & heavier nickel silver. This is a very detailed kit with a lot of small fittings, pipework & cab interior detail. A range of fittings to cover changes through to BR days and alternative coal bunkers for Mainland & I-O-W versions are provided.

Parts Required To Complete

2 Sets 4' 10", 16 Spoke Driving Wheel (Slater's Catalogue Number 7858SW) 2 Sets 3', 9 Spoke Bogie Wheel (Slater's Catalogue Number 7836SW) This wheel uses a smaller diameter axle than standard so if required obtain the appropriate wheel key when ordering.

Plunger Pickups if desired (Slater's Catalogue Number 7157)

Available From Slater's Plastikard, Old Road, Darley Dale, Matlock, Derbyshire, DE4 2ER, Telephone 01629 734053.

Mashima 1833 Motor and 40/1 Gear set, available from Connoisseur Models.

Jim McGeown, Connoisseur Models, 1 Newton Cottages, Nr Weobley, Herefordshire, HR4 8QX, Telephone 01544 318263

Because the 02 is a 0-4-4 tank & the level of this kits sophistication I have made a number of assumptions about you the modeller.

I assume that you are relatively experienced and have successfully built a couple of sweet running simple 0-6-0 type locos.

I assume that you only require the instructions to show when and where to fit parts but not how to because you have your own construction techniques. If this is not the case all is not lost as you can contact me for extra advice.

I assume that you have selected an 02 because you are familiar with the prototype and have available a reference library of books and photos and have a fixed prototype & period that you want the kit built loco to represent. In effect you probably know more about 02's than I do.

If this is not the case and like me you were only inspired to have a 02 because of a holiday visit to the wonderful Isle-of Wight steam railway with its fantastically friendly & helpful staff. Then the best place for information to give a good overview of the class is the internet. Visit the Southern E-Group, www.semgonline.com/steam/o2class_01.html

Livery & Finishing, Again I assume that you have reference material for your desired livery & supplies of paint & transfers, particularly if you model the LSWR period.

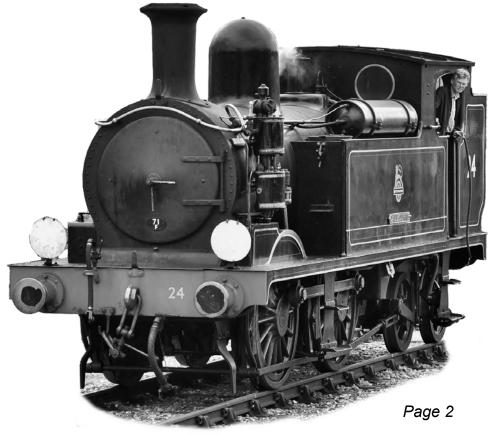
If this is not the case then fortunately the Isleof Wight steam railways preserved class 02, No 24, "Calborne" has been painted in just about every post 1923 livery that the 02's carried.

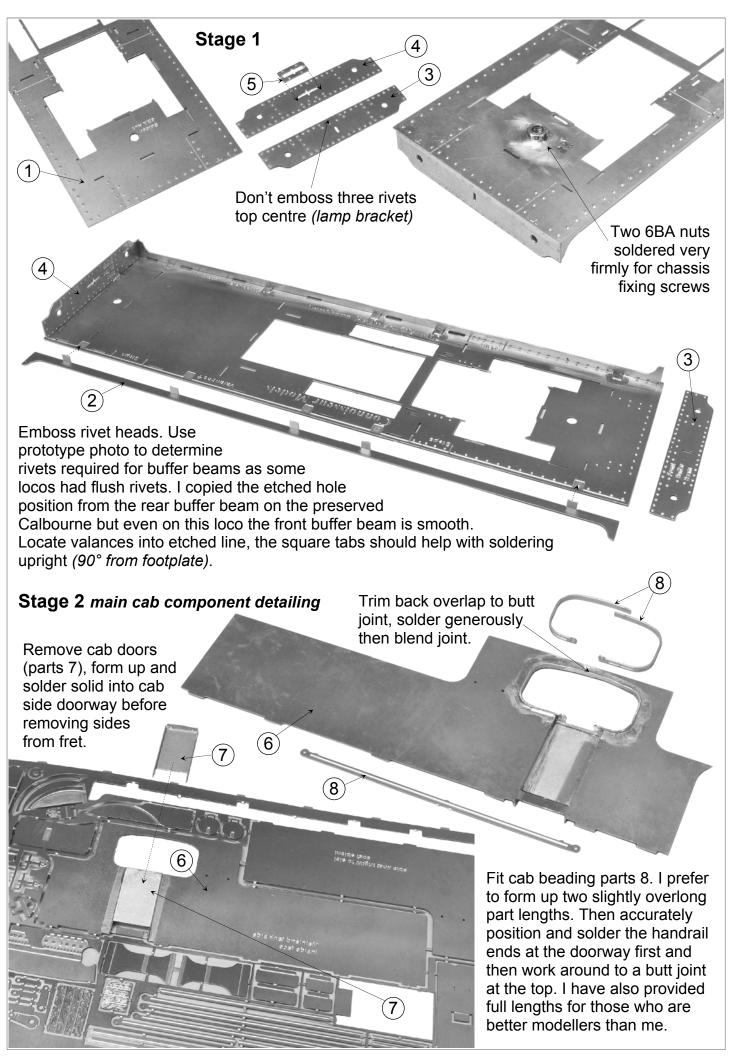
From BR plain black to fully lined Southern Sunshine Green livery you will find plenty of colour reference photos if you search on google, images, Southern Railway Class 02, Calborne.

Transfers for lettering are available from the Historical Model Railway Society (HMRS) www.hmrs.org.uk for order form or send to:-Voluntary sales officer, 8 Gilpin Green, Harpenden, Herts, AL5 5NR, SAE for list & order form. You will require sheet 9, SR Maunsell Loco & Coach insignia (includes LSWR) for early period. Sheet 10, SR Bulleid Loco & Coach, for later period or sheet 14 BR Steam era Loco & Coach.

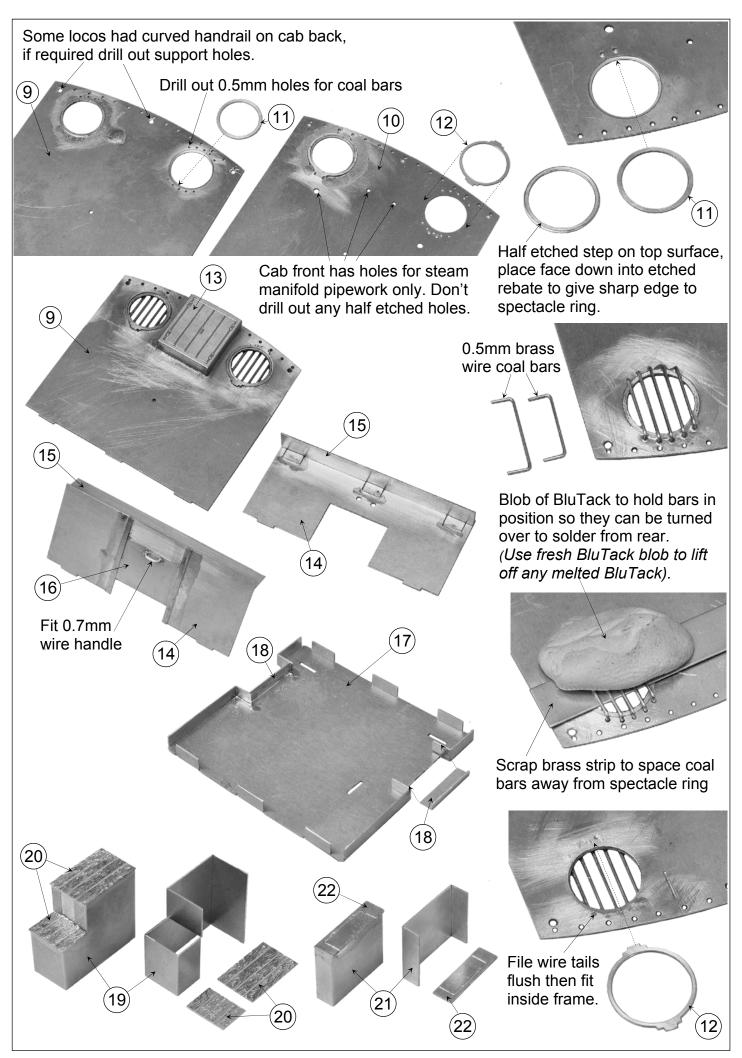
After painting, glaze the spectacle windows, I cut flat sheets from the clear blister packs that many items are packaged in nowadays. A hole template is provided & holding a sewing needle in a pin chuck scribe circles on this material. Cut out & these should pop perfectly into the inner spectacle rings.

If you enjoy building this kit and are satisfied with the quality, I would be most grateful if you could recommend it to your friends and fellow modellers. If you are not happy please tell me. Hopefully I will then be able to help and sort out any problem.

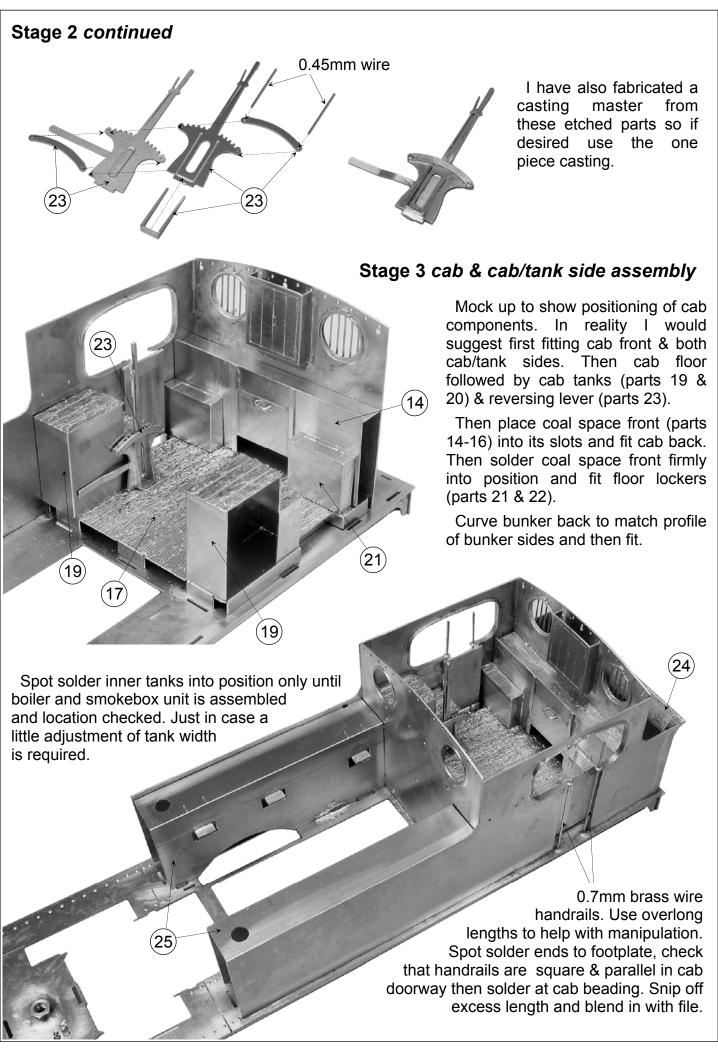


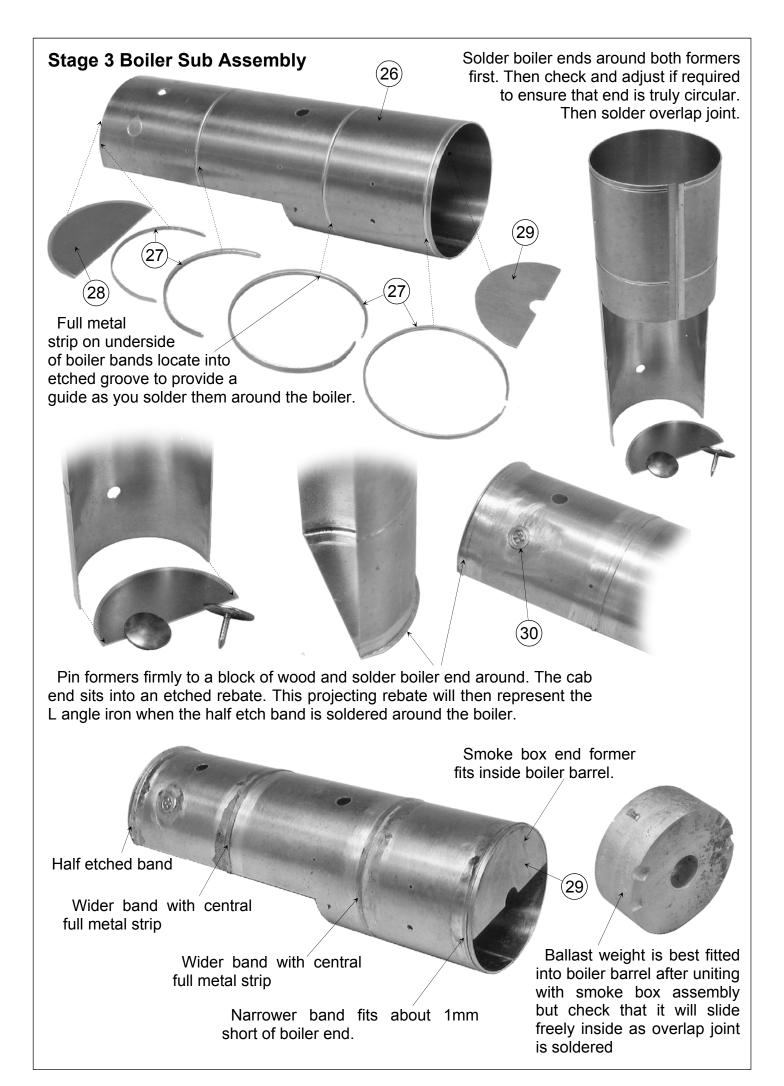


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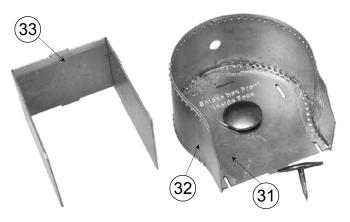




Stage 3 *continued* Smokebox Sub Assembly

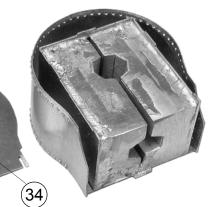
If required emboss rivet heads on front and wrapper to match your chosen prototype loco.

Then pre form the wrapper by working with fingers and thumbs around off cuts of tube.



Fit spacer so that it will support the rear plate flush with or slightly below the side wrapper.

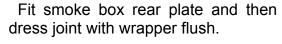
0-4-4 tank locos are notorious for requiring experimentation with ballast weights so I have provided some that can be built in during construction.



Pin the smoke box front to a block of wood so that it will act as former as you solder the wrapper around it (the edge of the wrapper needs to be flush with the front and the embossed rivets may prevent this. I suggest a piece of soft card between front and wood block so that the rivets will sink into it)



You can build in these weights now and then fit the smoke box rear plate (but they will become a heat sink) or check now that they will slide in freely and fit after uniting boiler and smoke box.



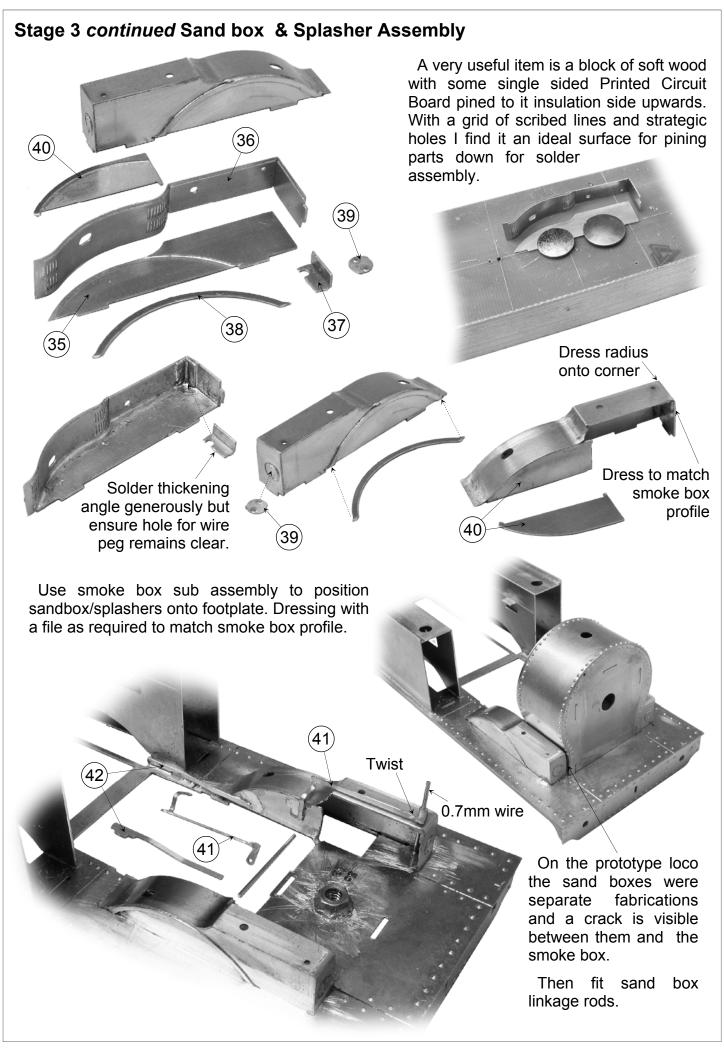
The wrapper is slightly over length so file off excess level with front/rear.

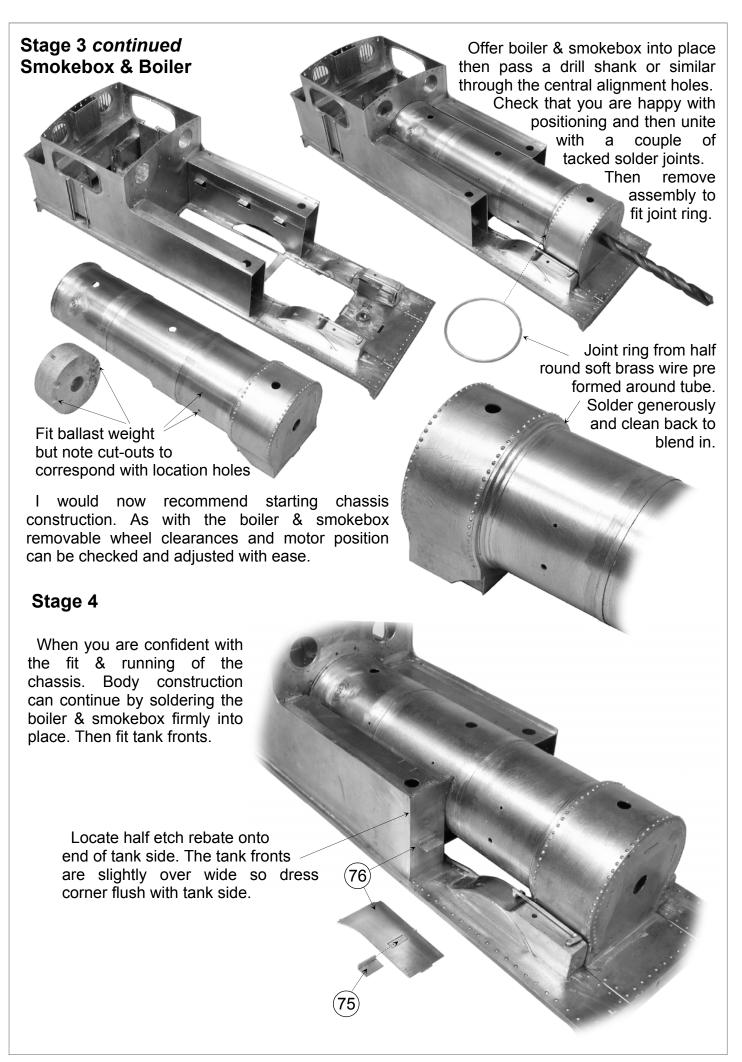
Offer boiler and smoke box assemblies to main construction to ensure you are happy with their position and appearance.

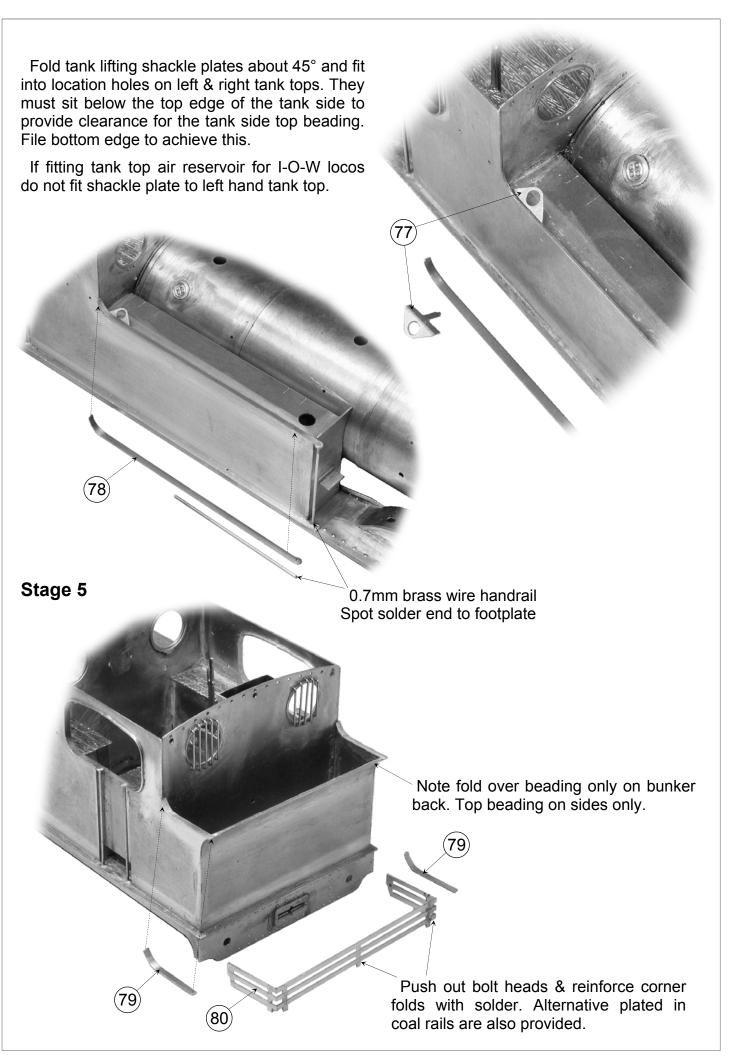
When you are happy, the inner tanks (parts 25) can be soldered firmly into position.



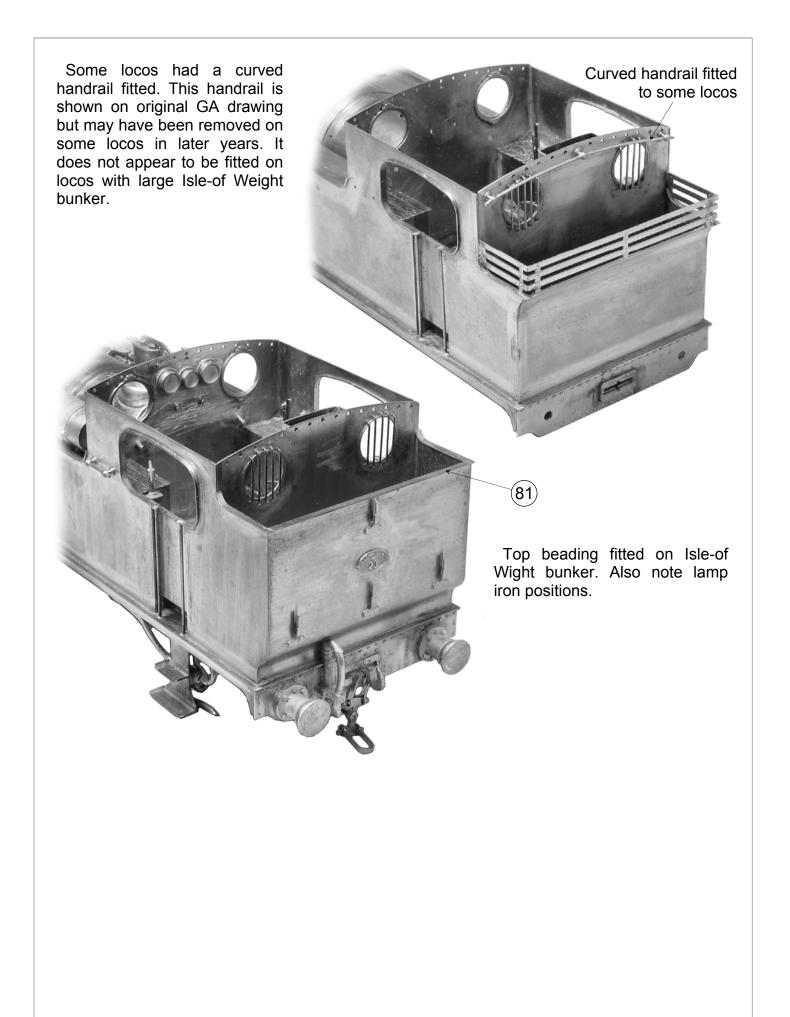
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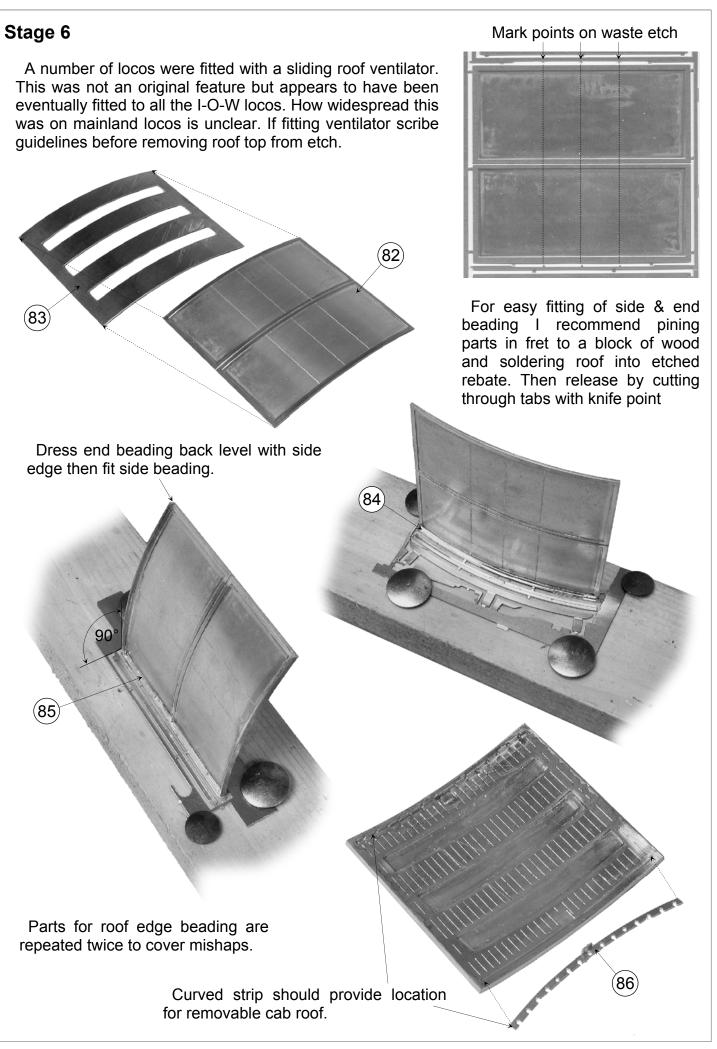


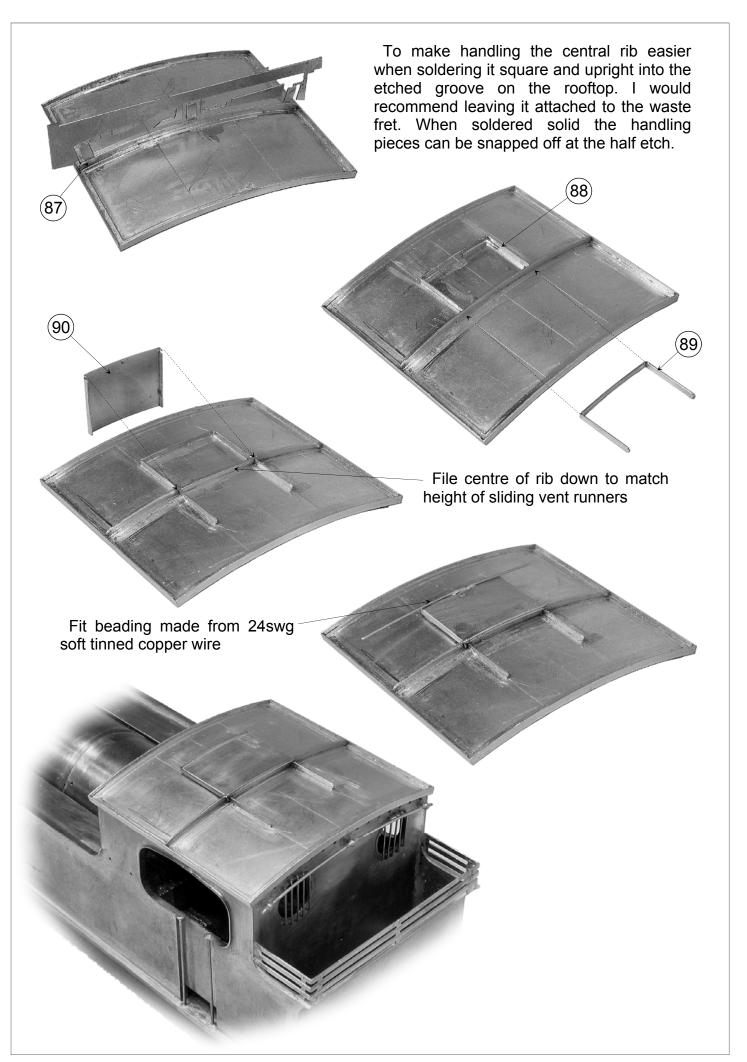




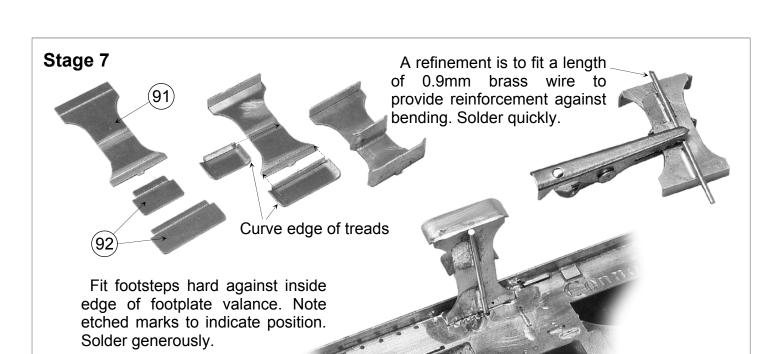
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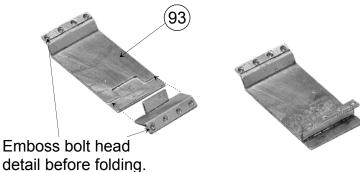




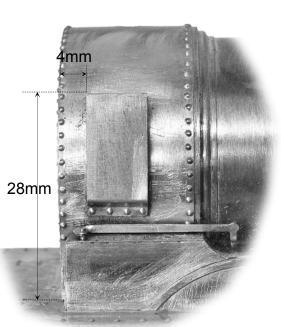
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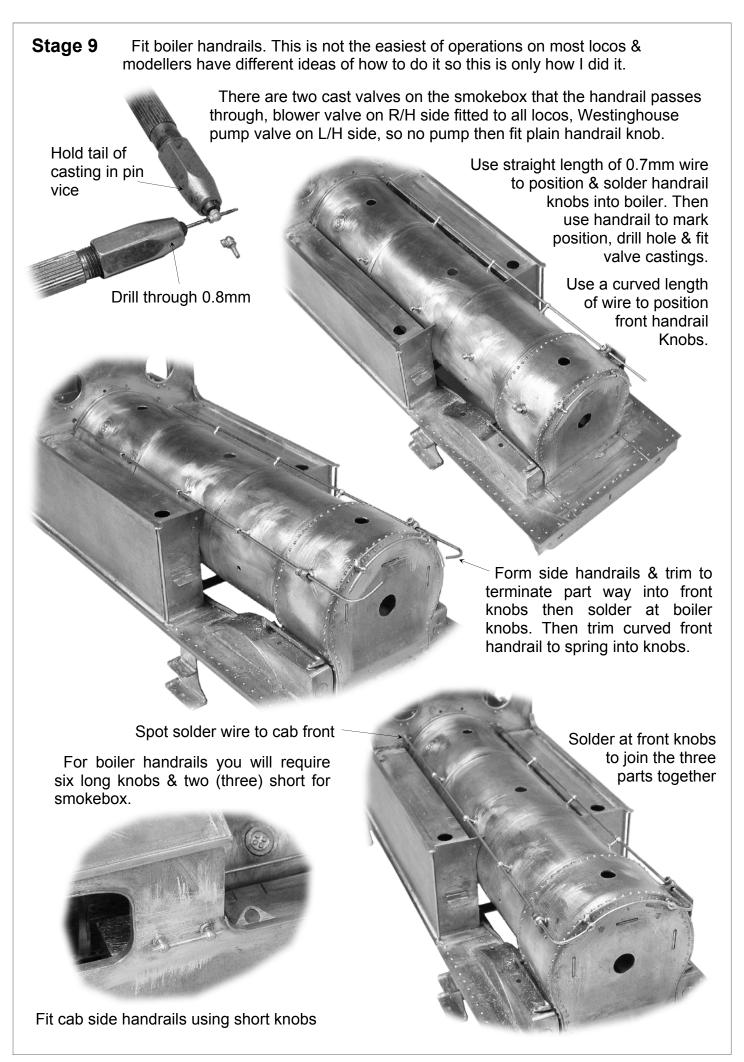
Stage 8

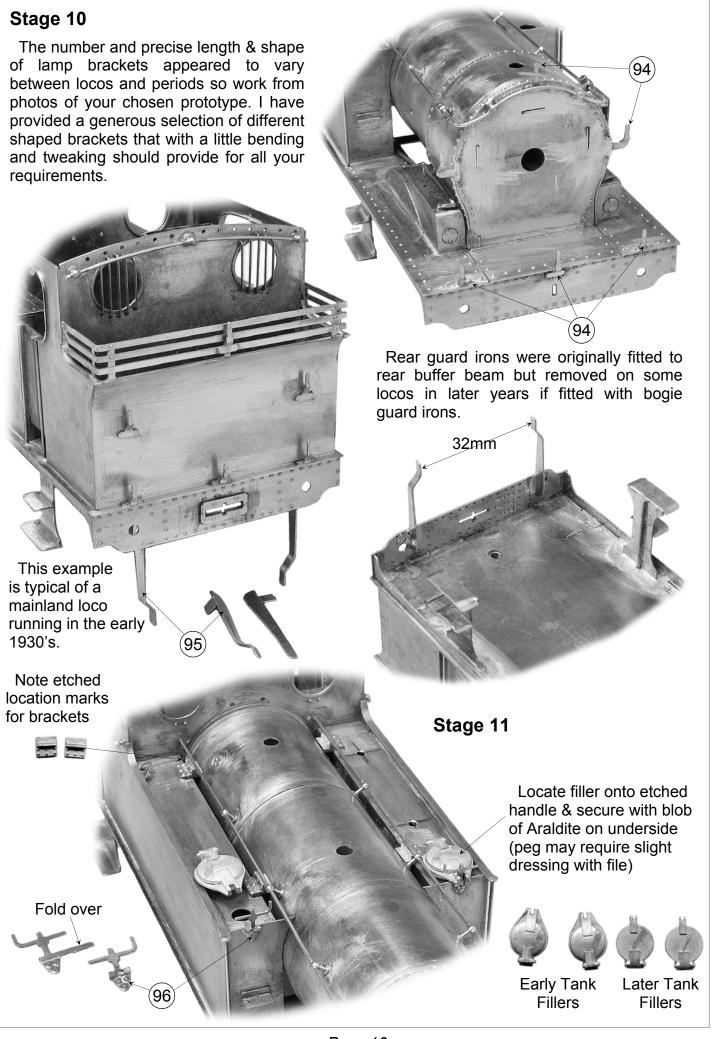


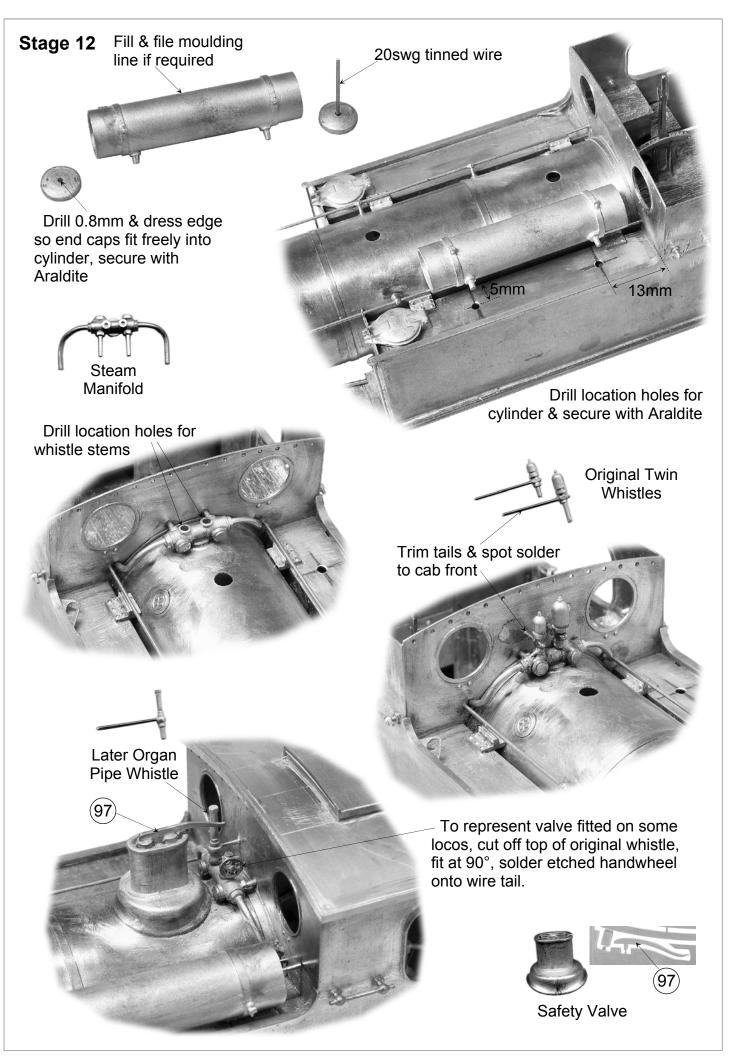
Westinghouse brake pump mounting plate if required by your prototype loco.

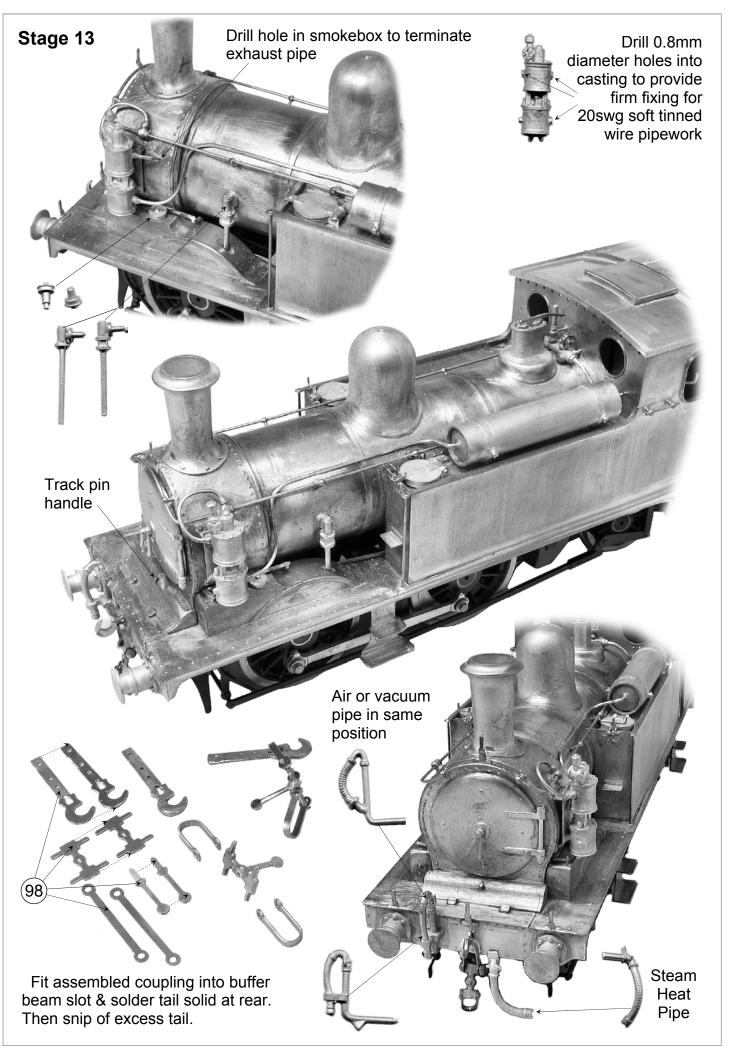


I have given dimensions but in practice I position the mounting plate by eye. The important thing is that it looks square and upright from all angles

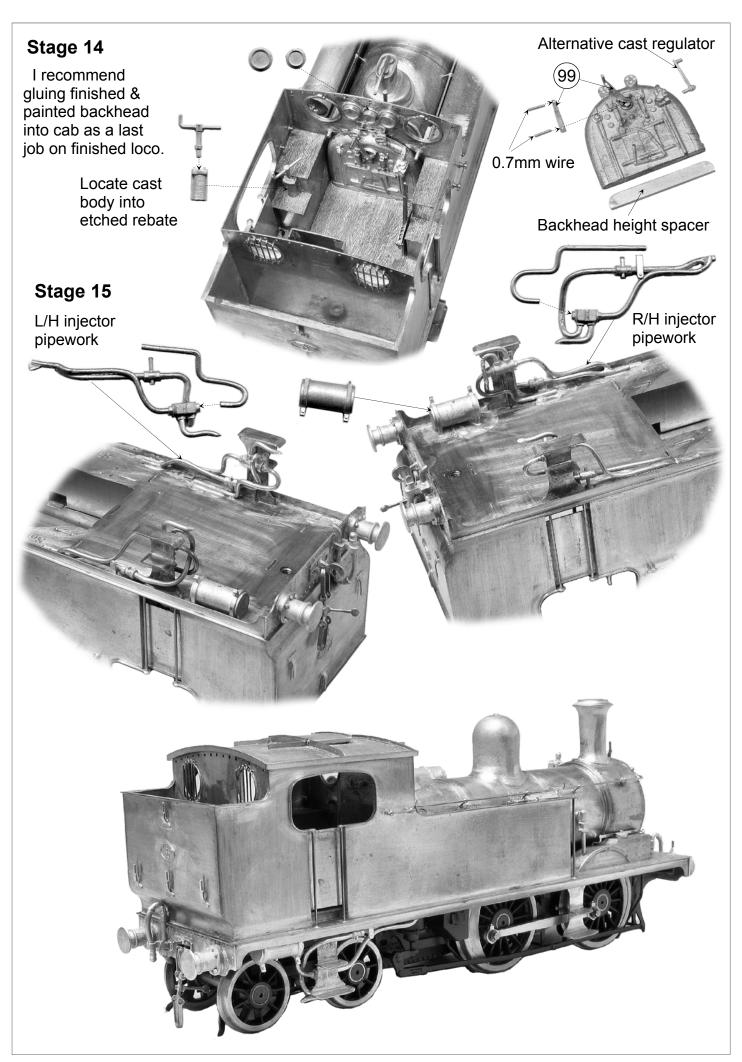








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Southern Railway Class 02

