

The Summerlands Chuffer

for Roundhouse Twin Exhaust Locos

Lady Anne, Katie, Billy, William, Fowler, Carrie, Millie, Bertie, Darjeeling B etc.

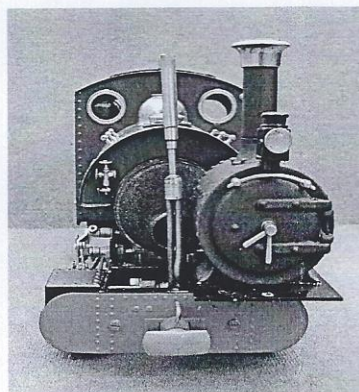
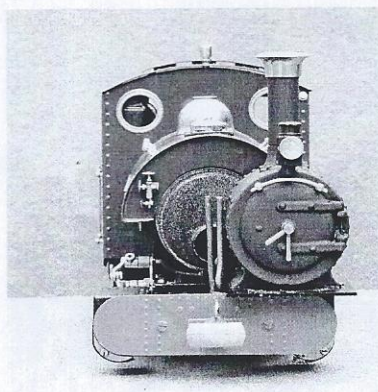
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Thank you for buying the Summerlands Chuffer – it has been developed by enthusiasts to bring the magic of a good chuff to your steam loco. **Please take a moment to read the following points before fitting the Chuffer to your loco.**

- Fitting the *Chuffer* involves removing the smoke-box and cutting the twin exhaust pipes. If, having read the instructions below, you are in any doubt about your ability to fit the *Chuffer*, please seek advice from someone with model engineering skills. We cannot accept responsibility for any damage caused by incorrect fitting.
- If your loco is still under guarantee, then the cutting of the exhausts could affect the guarantee on these and associated parts – if in doubt please contact Roundhouse.
- The sound your *Summerlands Chuffer* makes will be affected by the acoustics of the loco smoke-box. Some are louder than others. And just like the full sized locos, the volume will also depend how hard the loco is working – due to gradient or load. Work it hard for the best chuff!
- If you decide that this product is not for you – then send it back to us undamaged, within 56 days of purchase to the address below, together with your receipt (or details of where purchased) and name and address, for a full refund of the purchase price (excluding any additional post and packing).

Fitting the Chuffer

1. First examine your loco to see how the smoke-box is secured. On Lady Anne and Katie, for example, it is a one piece casting with the saddle and front footplate. It is secured by three screws and when these are removed it slides forwards and then up to clear the exhausts. On Millie it is a single screw at the front. On Carrie and the Fowler it is more complex – if in doubt seek advice.**
2. When the exhausts are exposed you will see that they are crimped at the top and are slightly loose so that they swivel forward slightly. It is necessary to cut these to the correct length with either a sharp junior hacksaw or a cutting disc (note that a cutting disc is essential on Carrie). Eye protection should be worn if using cutting discs.
3. Now place the smoke-box on the footplate beside the pipes and measure down 72 mm from the top of the chimney (see Photo 1). *Please note: For Bertie it is 78mm and for Darj B 82mm due to the longer chimneys - and for Russell measure down 66mm due to the shorter one.* Mark both pipes at this point for cutting. (Then check it again!) Because the *Chuffer* adapter is a push fit onto these pipes, the top of the *Chuffer* will end up about 5mm below the top of the chimney on most locos when pushed on to the pipes. On Bertie and the Darj B, it is lower and on Russell it is nearly flush with the top. If you have an early loco with the pipes cut short, you will need a longer fitting – please contact us for an exchange.



4. Protect the boiler and frames/cylinders with cardboard or layers of cloth (in case you slip). Ideally support the pipes from behind by placing a suitable piece of wood between the pipes and the boiler. Then grasp the pipes firmly and cut them at the mark. Clean away any filings, clear any burrs from the pipe ends and lightly chamfer the edge with a fine file. Keep the cut pipes in case they are ever needed.
5. Now, with the *Chuffer* slot facing backwards, press it firmly into place on the pipes (see photo 2).
6. Try the smoke-box in place and check that the slot is clear of the chimney wall. If it is not, you can gently bend the copper pipe between the *Chuffer* and adapter to align it correctly, or re-fit the *Chuffer* slot facing forwards.
7. Re-fit the smoke-box etc. and the job is done (though you may wish to put a dab of black paint on the top to disguise it). Then steam up and enjoy the chuff!

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Check out our website for the latest news, videos and fitting notes