

The Summerlands Chuffer

for Accucraft Earl and Countess locos

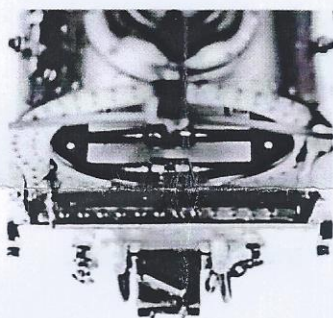
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Thank you for buying the *Summerlands Chuffer* – it has been developed by enthusiasts to bring the magic of a good chuff to your steam loco*. Please take a moment to read the following points before fitting the *Chuffer* to your loco.

- Fitting the *Chuffer* involves unscrewing the existing exhaust pipe, and replacing it with the two part *Chuffer*. 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 simply replacing the exhaust should not affect that guarantee. However, any damage done during fitting will not be covered and if you are in any doubt, please contact your retailer or Accucraft UK Ltd.
- The sound your *Summerlands Chuffer* makes on the Accucraft Earl & Countess will be excellent! However, just like on 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. The Earl and Countess exhausts share a common pipe which can be seen clearly when you open the smoke-box door. Looking downwards, between the cylinders, you will see two pipes running across. The upper pipe is the steam feed from the super-heater and the lower one is the exhaust. In the centre of a brass sleeve on the exhaust, there is a 3mm threaded hole (see photo 1) and the exhaust pipe runs from this up to the chimney.



2. There is some variation between locos on the production run. On some, the tapped hole for the single exhaust pipe is vertical, while on others, the hole is tilted forward at a slight angle. Your *Summerlands Chuffer* adapter has been designed in two parts to cope with this variation.
3. First unscrew the existing exhaust using a pair of long nosed pliers. Keep it vertical to avoid damaging the thread. It is not screwed in far and will easily be removed. Then screw the threaded end of the adapter pipe (photo 2) into the hole – about two full turns. Do not screw it in too far or too tight. The adapter thread is steel to ensure it screws cleanly into the lightly cut thread in the brass cross tube. If in doubt, back it off and screw it a little at a time.
4. Now look at the angle of this pipe – if it points up the chimney then simply pass the *Chuffer* down the chimney so that the brass pipe sleeves over the copper. The top of the *Chuffer* needs to be about 5mm below the top of the chimney. Using long nosed pliers, turn the *Chuffer* so that the slot – marked on the top with a fine line – is clear of the chimney wall.
5. If the *Chuffer* feels loose on the adapter pipe, remove it and put a **very** slight bend in the copper pipe at the mark on the tube. This will hold it firm when the *Chuffer* is pushed into place. If the *Chuffer* assembly feels very loose in the chimney, you can put a slight bend in the copper **below** the mark on the copper tube, so that the back of the *Chuffer* is pressed against the chimney wall.
6. If your adapter pipe leans forward when you try it in position (it did on both the locos I have fitted them to), then remove it and put a bend in the copper pipe **below** the mark so that the upper part of the tube points up the chimney. Replace it and proceed as in step 4 above.
7. You are now ready to enjoy the chuff!

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