

# The Summerlands Chuffer – GARTENBAHNZENTRUM DRESDEN

## SCRG2 - for the Regner 99-222

**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 top of the existing exhaust pipe and replacing it with the *Chuffer*. It is also necessary to make a simple chimney extension out of brass tube. 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 the manufacturer.
- Your *Summerlands Chuffer* will be much louder and clearer than with the factory exhaust. 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 your supplier, or to us (at the address below) within 56 days of purchase. Please include your receipt and name and address for a full refund of the purchase price (excluding any additional post and packing).

### Fitting the *Chuffer*

1. Open the smoke-box on your loco to see the exhaust pipe, which is in two parts. The 5mm diameter exhaust is fitted with a larger diameter tube that enters the chimney. Looking down the chimney from the top, you can see this tube is flattened at the end.

2. Using a pair of long nosed pliers, hold the flattened top and pull upwards to remove it. Do not bend or force it – it will be well oiled and should come out easily.

3. The chimney now needs to be extended to make it approximately 50mm long. The easiest way is to use K&S brass tube. The K&S 21/32" = 16.66875 mm or 11/16" = 17.4625 mm will slide easily into the chimney. Cut 50mm and make one end oval by squeezing gently in a vice. This can now be pushed firmly into the chimney and will stay in place.

4. Now put the *Summerlands Chuffer* down the chimney, and by looking through the smokebox door (see photo), locate the adapter on to the 3mm exhaust. Press down firmly until the Chuffer is fitted.

5. Check that the *Chuffer's* slot is clear of the chimney wall – the position is marked on the top of the *Chuffer* with a thin line (see bottom photo). You can put a slight bend in the copper pipe if necessary.

6. Use a little black paint to disguise the Chuffer or chemically black it before fitting.

7. Now steam up and enjoy the sound!



Für Rückfragen und deutschen Support stehen wir Ihnen gern zur Verfügung.

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See our website below for all the latest Chuffer News, details and videos.

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