

LGB 2x450 RhB Ge 2/4 (box locomotive)

Backfitting the Rhaetian box loco (Ge 2/4 203) with D-Gear (4-pins) and DCC-interface with an eMotion XLS sounddecoder.

The loco have in series 3 headlamps in front and rear, also a cabin light and an interior light.

The LGB model 22450 uses as the first LGB-RhB loco only LED's.

The connect uses the 10-pol. DCC-interface. So the backfitting is very easy.

Here is a backfitting suggestion from H.Hauschild.



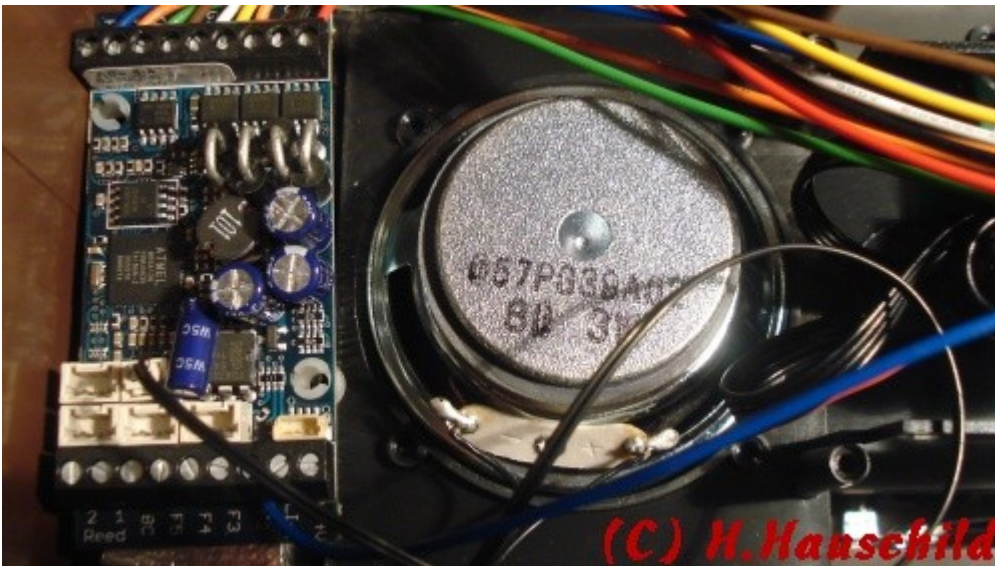
Pict.-1: LGB RhB Ge 2/4 203

Needed Parts:

- 1x 8230045 XLS-Sounddecoder Ge 2/4 RhB

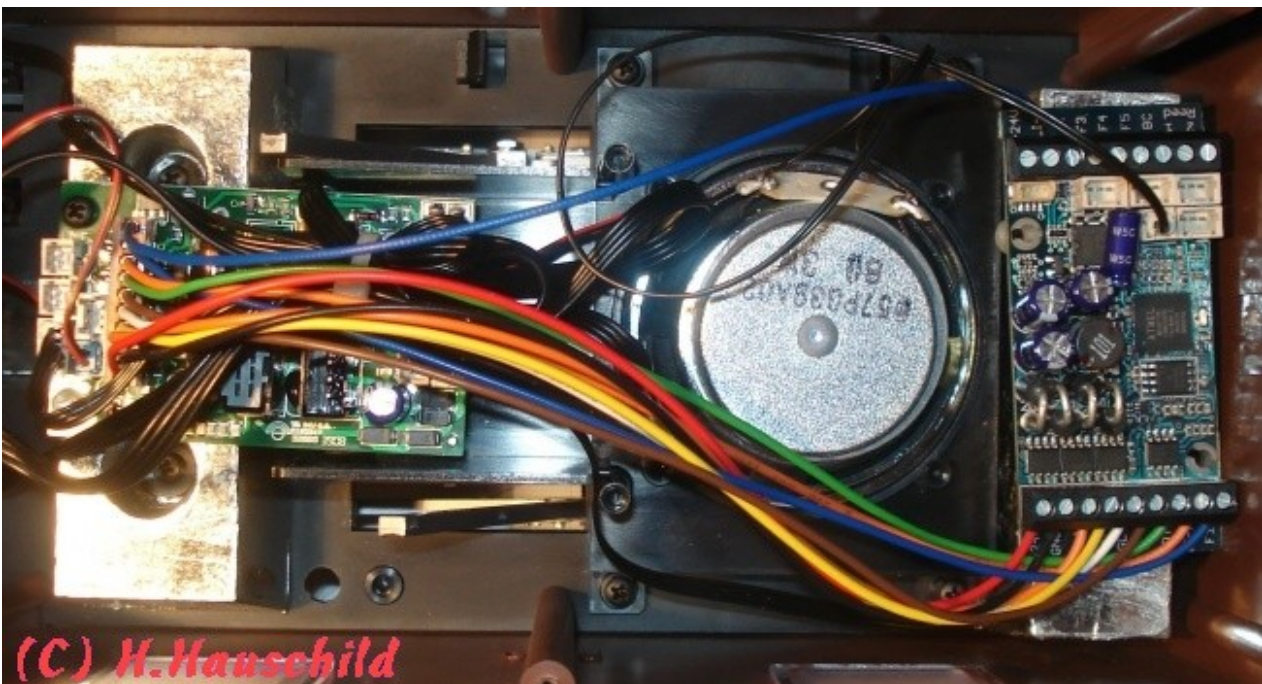
Backfitting:

- Remove loco roof (you can find the 6 screws under the grey circular).
- Assemble the speaker on intended place (Pict.-2).



Pict.-2: Assembling speaker

- Fix the DCC-interface cable according to the manual and plug it to the DCC-interface (Pict.-3).



Pict.-3: Decoder connection

- Before final assembling you should test your loco : Sound on/off = F6
- Assemble your loco in inverse order.

Further hints:

The LED illumination is supplied from analogue PCB, so there is no change of decoder voltage needed.

(If you think the LED's are to bright, you can dim it with CV 50 - Value 15-20.)