

LGB 2x390 RhB ABe 4/4 I

Backfitting of a “RhB railcar” with D-gear (4-pin) and DCC-interface with a eMotion XLS sounddecoder.

The loco have 3 headlamps in front and rear, a cabin light and a passenger room light.

The connection uses the existing 10-pol. DCC-interface. Despite of the DCC interface the assembling is not so easy.

This is a backfitting suggestion from our customer Hendrik Hauschild.



Pict.-1: LGB 22390 with DCC-interface

Needed parts:

- 1x 8230039 XLS-sounddecoder RhB ABe 4/4 I
- If necessary some sitter or standing passengers

Backfitting:

- To demount the loco, you have to remove the break hoses on both front sides and the screws behind.



Pict.-2: Screws under break hoses

- Now remove the 8 screws on vehicle floor and remove the railcar body.
- To assemble the speaker on vehicle floor, you have to demount the interior und further 8 screws.
- Now you can assemble the speaker on the vehicle floor.

(Before you have to remove the lead weights, to assemble the speaker on the intended place)



Pict.-3: Assembling of speaker

- Assemble the weights and mount the vehicle floor with the frame (8 screws)
- Assemble like manual DCC-interface cable and plug it on the DCC-interface



Pict.-4: Assembling and connecting the XLS-decoders

- Before you assemble the complete loco you should check it.
- Assemble the railcar in inverted order.
- (Attention, you have to consider that all windows are placed well and also the doors have to be in the slide rail engaged.

Further you have to consider that all cables on the 4 corners not will be trapped and also won't constrain the sliding door).

Additional possibilities:

While you demount the railcar so troublesome you should place some figures in the passenger room. You have to cut sometimes the legs of the figures.



Pict.-5: The vehicle will be animate