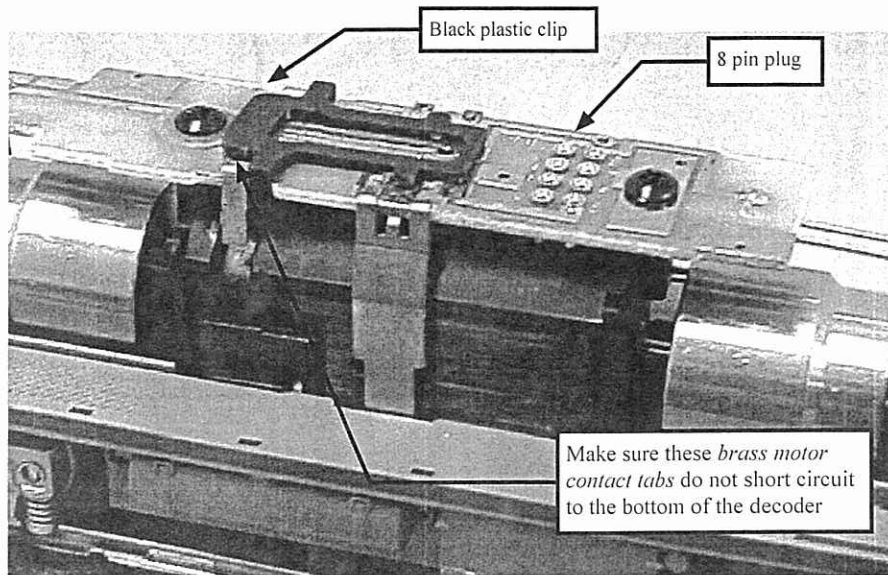
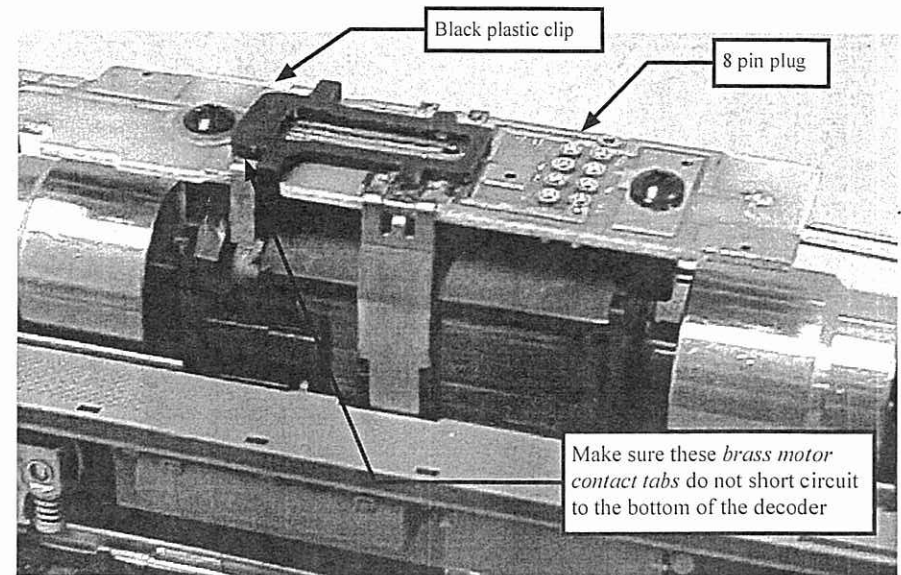


### Installation Instructions for Kato RS-2, RSC-2 and C44-9W locomotives



- 1) Remove the body shell from the locomotive. The main portion of the shell lifts straight up from the running boards, leaving the running boards attached. We grab the shell at the short hood end and lift while pushing down on the running boards.
- 2) Now is the time to avoid a potential short circuit! Sometimes the brass motor contact tabs are bent *up* and over the top of the black plastic clip. Before installing the decoder bend the tabs *down* over the sides of the circuit board as shown in the photo above. This will avoid any potential short circuit of the decoder to the brass tabs.
- 3) If there is black plastic foam covering the pins on the bottom of the decoder remove and discard it.
- 4) Remove the two metal clips (already removed in the photo) from the 8 pin plug by pulling them straight up and out. Needle nose pliers work well here.
- 5) Insert the 8 pins on the bottom of the decoder into the socket on the locomotive. In the photo above the "long" end of the decoder goes towards the left. **DO NOT DO THIS WITH THE LOCOMOTIVE ON THE TRACK.**
- 6) Kato has built the RS-2 and RSC-2 to operate long hood forward. If you desire the locomotive to operate with forward in the other direction the "direction" bit in CV29 may be set. For instructions on setting this bit refer to the directions included with your specific DCC system. (Basically it requires adding one to value already in CV29)

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