

Bachmann Rail Truck gets MyLocoSound

By Del Tapparo

My recently acquired Bachmann Rail Truck runs quite nicely on track power, but it needed some sound. I decided to install a MyLocoSound Light Diesel sound board.



When this board is configured for a 4-cylinder diesel with gear changes, an "Aahooga" (Klaxton) horn, and engine starting/stopping sounds, it is very appropriate.

This installation allowed me to try out a few new things. I 3D printed several parts, including a spacer block/mount for my new PCB Reed Switch module, which activates two different horn sounds via track magnets.

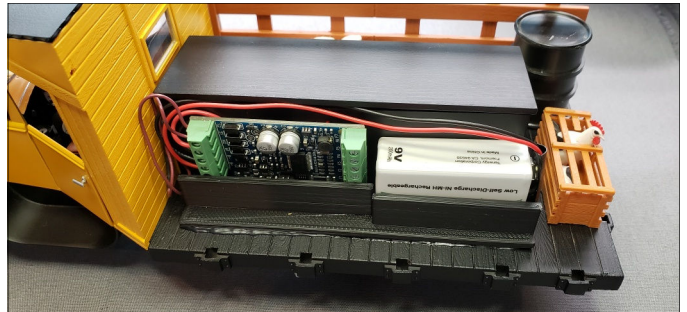
The 9V battery is required for track power. The remote IR sensor allows volume changes, sound triggers, and user configuration changes using a simple TV remote.



3D printed spacer block and reed switch PCB



Track power wires routed out of factory electronics box. Two small speakers were mounted in roof of the cab.



MLS board and 9V battery contained by 3D printed "fence"



Mounted reed switch assembly



New 3D printed box covers it all. IR sensor peeks out of the box.