

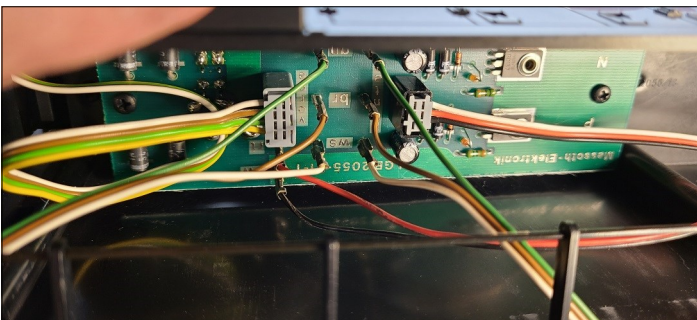
# Installing MyLocoSound in an LGB 2056 Rio Grande Diesel

Del Tapparo

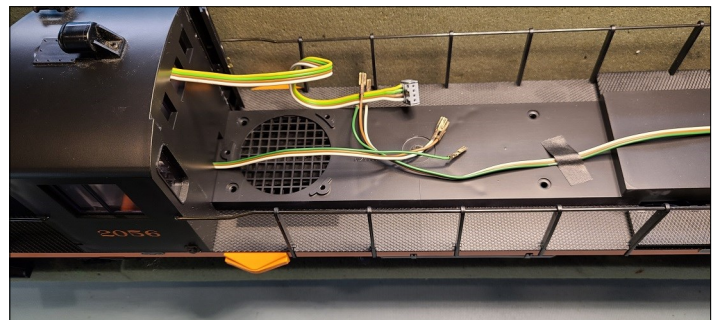


The end user doesn't want to use reed switches and track magnets to trigger sounds, so this will be a fairly easy installation. For wiring, just find two wires connected to either the motor or track pickups. The rest is picking the best physical locations for the components. There is a speaker grill in the floor, but no speaker. Plenty of room in the shell for the MLS (MyLocoSound) board and 9V battery. The cable for the remote IR receiver is pretty short, so that may determine the location of the rest.

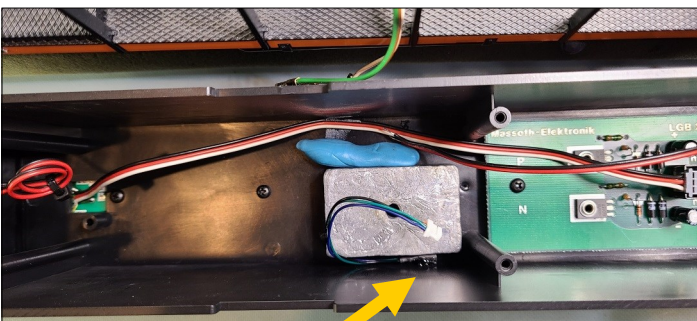
- Remove 7 screws under chassis to allow removal of the long nose body shell. Note: Do not remove two screws under each truck. There are also 4 screws for body trim that can stay.
- Once the shell comes off, you need to disconnect the two sets of Brn/Grn/Wht wires that go to the trucks and the wht/brn/grn/yel cable.
- For reference only: This is a 3 pin motor block. The White wire is the right track pickup AND the motor. The Brown wire is the left track pickup. The Green wire is the other side of the motor.
- The wires we need from the track pickups are the Red/Blk wires connected to plugs in the end of the long nose. These will connect to the MLS MM terminals.
- A 2.0" speaker is installed over the existing speaker grill in the floor using Silicone Adhesive. Connect to MLS SS terminals.
- The remote IR sensor to control volume and configure the MLS options will be mounted in the side of the body shell. A 3/16" hole and few drops of CA glue to secure it. The roof would have been a better location, but couldn't get to it without hacking out a large section to get to the outer layer.
- Battery and MLS with PCB cover are secured using double sided foam tape. Battery to MLS +,- terminals.
- The IR Remote will be used to trigger sounds manually, when desired. Most sounds play automatically.



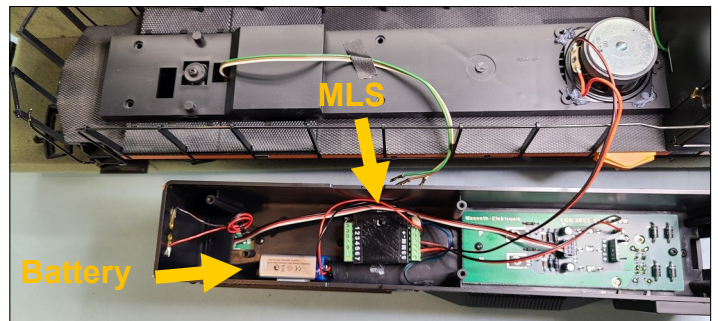
*Disconnect wires from circuit board.*



*Disconnect wires to remove long nose shell.*



*Weight holding IR sensor in place while glue sets up.*



*Disconnect wires to remove long nose shell.*