

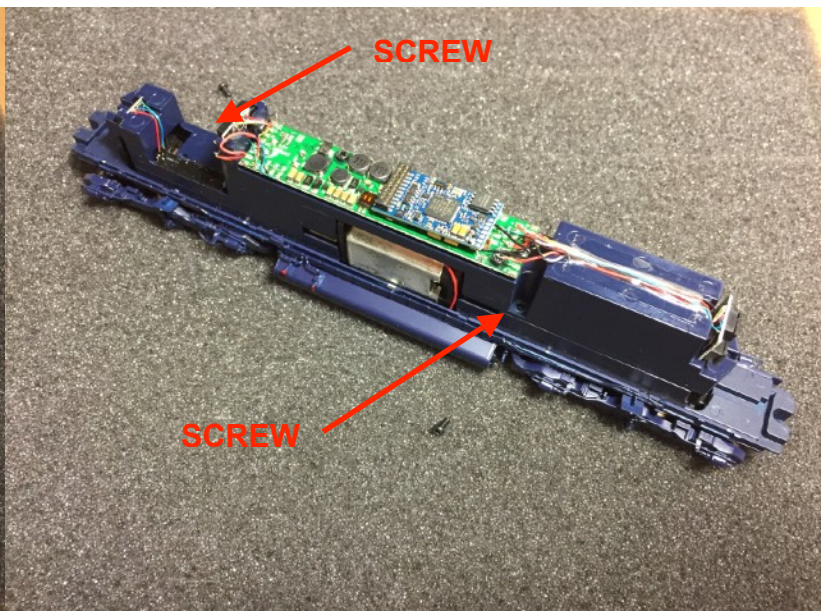
Scale Trains SD40-2 Scale Sound Systems Speaker Replacement Guide



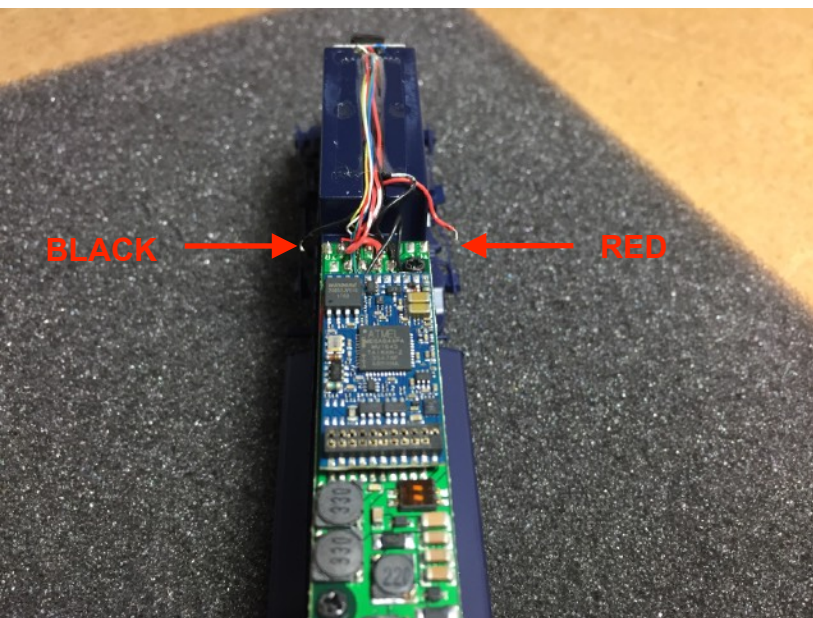
Remove the couplers and coupler boxes.



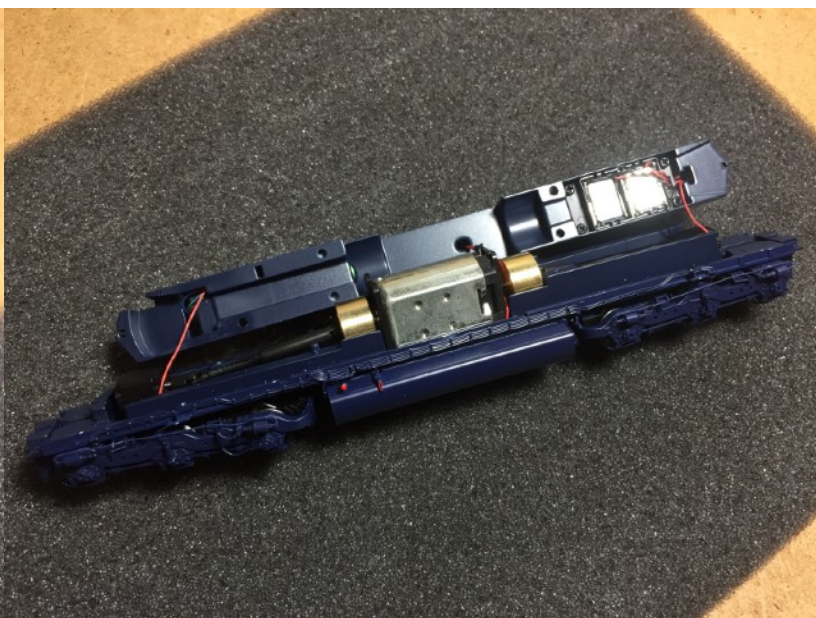
It may take a little wiggling and fiddling, but the shell simply slides off the chassis once the couplers are removed. The sanding lines will flex around the trucks/frame without breaking. Be careful not to break other fine details.



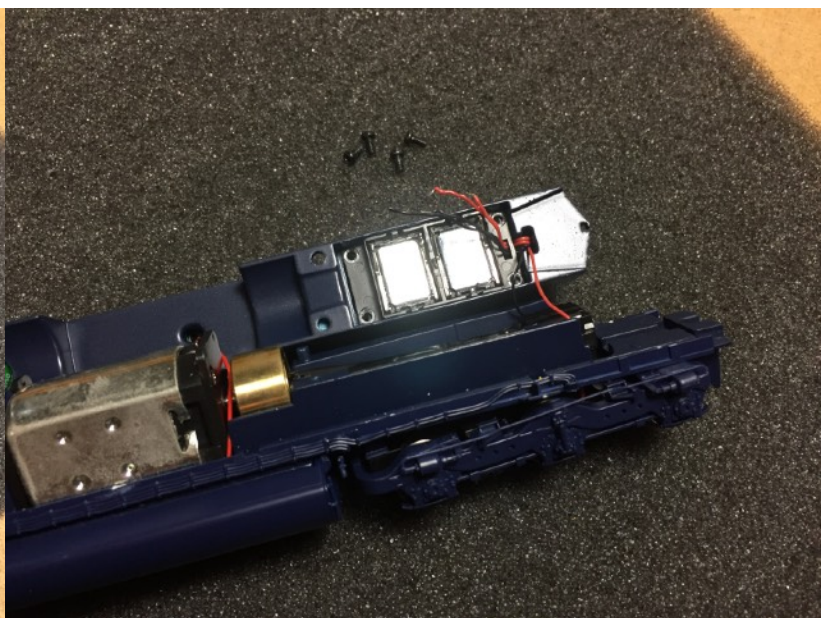
The chassis is divided into two halves, with the top half holding the PCB, lighting and speakers. Simply remove the two screws holding the top half on.



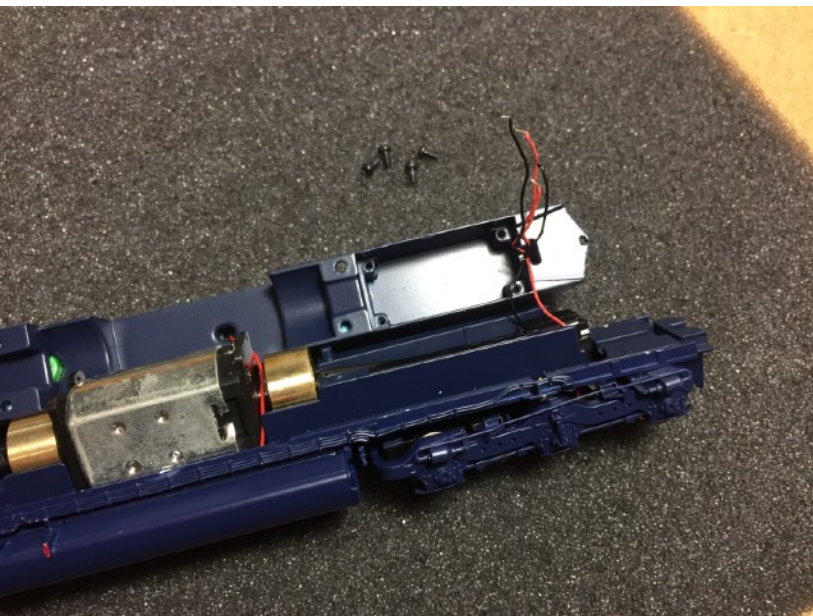
Before lifting the top half off, you will likely have to unsolder the four track pick-up wires from the PCB. These are the red and black wires in the four corners of the PCB.



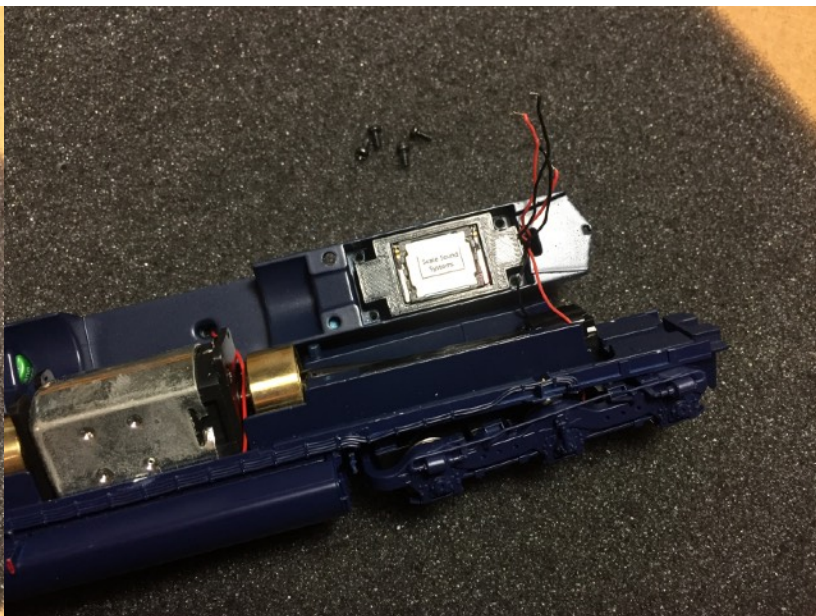
Now lift the top half up, being sure all the wires are slipping through and aren't being strained. I didn't pull the top half off entirely, so the wires are all still in place. I rested the chassis as shown to access the speakers.



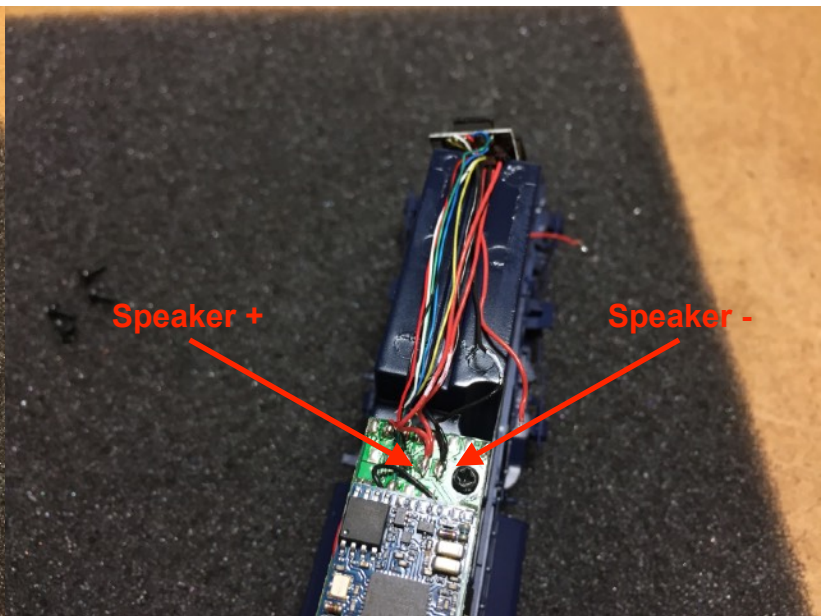
Remove the four screws holding the stock speaker in and unsolder the wires from the speakers.



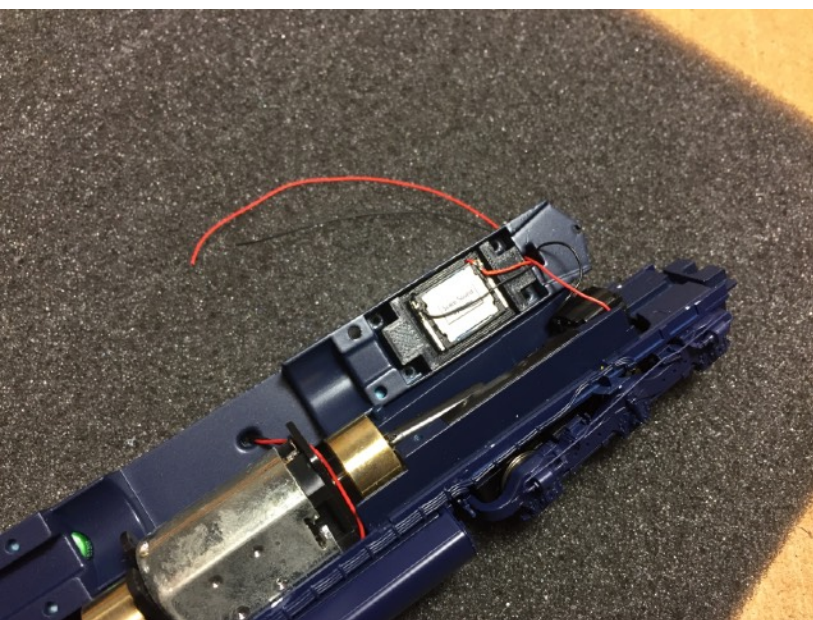
Here is the empty speaker cavity, ready for the Scale Sound Systems replacement.



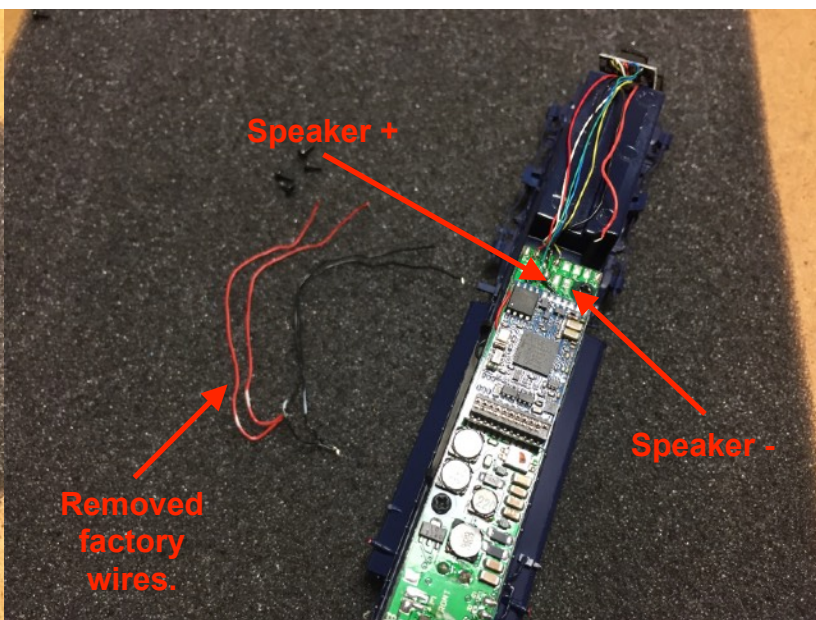
Slide the Scale Sound Systems speaker in place. It is a press fit and will stay. If you're installing the single speaker Rectify model, solder one of the stock red and black speaker wires to the SSS speaker.



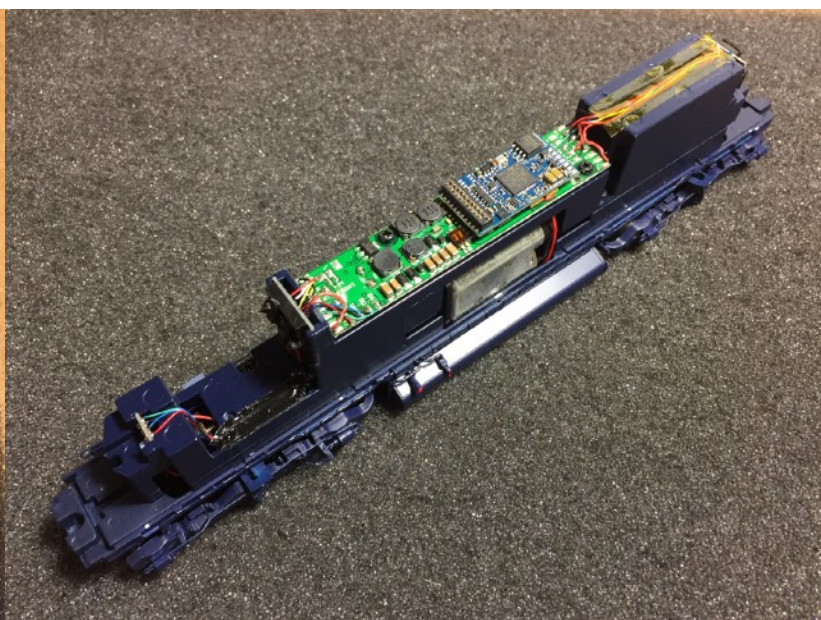
Determine which red and black wires you soldered to the SSS speaker and then snip and remove the two extra red/black speaker wires.



If you are installing the dual speaker Coeval model, unsolder all four factory speaker wires from the PCB and remove them. Install the SSS Coeval speaker and feed the wires up through the chassis.



Solder the SSS Coeval speaker wires to the speaker pads, red wire to positive, black wire to negative.



Slide the chassis back together, reinstall the two screws, solder the four black/red track pick-up wires back to the PCB and dress/tape any wires. Replace the shell and couplers and enjoy the great sound!