Subject: Looking for pointers on garbled or distorted sound from Philco-Ford S1888WA radio/turntable console
Posted by Germain on Mon, 09 Feb 2009 10:37:30 GMT
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Hi, Everyone. My mother inherited quite a collection of records from my grandmother and asked me to look for a turntable for her. I picked up a Philco-Ford S1888WA radio/turntable console at a local (Atlanta) vintage furniture store. Its got an automatic turntable and solid-state electronics. It's producing a garbled (distorted?) sound and I haven't been able to pin-point the source so I'm hoping you can help me.For sample pictures visit:front - http://silverliver.nfshost.com/temp/01.jpgdials - http://silverliver.nfshost.com/temp/02.jpgturntable - http://silverliver.nfshost.com/temp/03.jpgguts with legend - http://silverliver.nfshost.com/temp/04.jpgmodel# etc - http://silverliver.nfshost.com/temp/05.jpgFor sample sound (640KB, wav) visit:http://silverliver.nfshost.com/temp/01.wavThe system has a line-in (says "Tape/Input") and two line-out ("EXT SPEAKERS" and "TAPE RECORD"). I've run the following tests:1) play turntable or radio on internal speakers = garbled sound2) play mp3 player (through line-in) on internal speakers = garbled sound and lower volume (but not too bad)3) play turntable or radio on external speakers (good speakers) = garbled sound4) play mp3 player (through line-in) on external speakers = garbled soundNOTE: same results after playing with the R/L balanceand 5) jiggle wires here and there = sound improved slightly after jiggling the connection that receives wires from the far-side speaker and sends to circuit board (see picture 04.jpg), but after playing with that connection for a while I wasn't able to make further progress. Only a slight improvement there.There is a single rusted connection somewhere in there. After I unplugged it I only got sound from one speaker but it was still coming garbled. I also dusted the circuitry with compressed air, although there wasn't much dust at all.I'm going to continue jiggling wires until I come up with more tests and/or give up.Any ideas?Many thanks!