

by HAROLD HAGEN

SPS2 KEEPS SCANNING (TH)

Harold,

A little added info to what you told Mark on the problem of his SPS2 that keeps scanning.

That basic scan control assembly, as you know, was used for years. However, when they hung the DCC in the first SPS phono, we found that a problem developed due to the fact that the plungers of the scan control were now facing upward rather than down as they had been in earlier phonos. Fortunately, this problem had been foreseen in the design of the unit. As you said, the plungers must be clean and free of oil. After that, it only is necessary to move the "pawl lever spring"

(that's the large one wrapped around the "pawl lever assembly") to the center notch, on the pawl lever. This assures that the "subtract" coil plunger returns to the rest position. The add coil "ratchet wheel" spring remains in the second hole from the plunger.

Another factor in scan control problems of this nature is the "117 volt" contact points. If the .01 MFD 1000 V condenser is broken or missing, the points tend to "weld" together. These contacts MUST be clean and free of pitting! As to the adjustment of these contacts, it is critical that they make contact until the plunger has returned (to its rest position) for

the SECOND time. If they open too soon, the subtract coil will remain energized and WILL burn up. If they don't open far enough, or don't make good contact when they should be closed, they will heat up and burn the "nylon" on the ratchet wheel.

As for his LS3 problem (works OK after warmup), I have found this to be caused most often by "C3104" (use a 20 MFD 50 V condenser) on the 311125 power supply board in the DCC.

Ron Rich, Millbrae, CA

Dear Ron:

This is good information. Thanks for writing.
Harold

PRODUCT REVIEW: WALLBOX TO CD CHANGER ADAPTER

Mike loves gadgets and gizmos, so he was pretty excited when he received a WP200E Wallbox to CD Changer Adapter. This unit allows a wallbox to make selections from a CD changer.

The adapter is manufactured by Data Sync Engineering, and retails for \$79, plus shipping. It's made to work with Pioneer, RCA, or Optimus CD changers, 6 to 301 disc capacity.

In addition, a 25 volt transformer must be purchased (available at Radio Shack). A line cord, and cable to the wallbox, and an on-off switch for the wallbox will also be needed.

The adapter is quite small, about 2" by 1 1/4" by 5/8". It has two cables and a ground wire to connect to the CD player, and a two-wire cord that connects to the wallbox. In addition, a plug-in line transformer also con-

nects to the adapter.

The adapter comes with decent instructions. Mike and I had the a 3W1 wallbox wired up in about 15 minutes. It took us another 15 or 20 minutes, following the instructions, to select the wallbox type and program in a few selections.

We're happy to say it worked the first time. I pressed A1 and it played disc 1 track 1.

It can also be programmed so any selection on the wallbox can select any track on any disc. Or a selection can be programmed to play a whole disc.

It supports all the popular wallboxes from AMI, Rock-Ola, Seeburg, and Wurlitzer.

Needless to say, we were pretty

happy with the operation. If you have a wallbox and a CD changer, this seems a natural. I can also see it being used in a restaurant with a wallbox installation.

See the ad on p. 32.

Harold



WURLITZER P12 QUESTION

I'm having a little trouble figuring out the wiring for the P12 I've been working on. I'm guessing there's supposed to be a light bulb on the inside wall of the cabinet that goes in

series with the credit coils. There are no schematics in any of the manuals. I'd appreciate hearing from anyone with this

model as to where the light bulb goes, and possibly a sketch of the connections to the outlets in the main harness. Thanks.

Harold

PLUG CONTACT PROBLEMS (CONT.)

Dear Keith:

If the pins on the male Jones plugs are corroded, you never will get reliable contact.

Usually, by cleaning the pins on the male connector, you can get rid of this problem. But contact cleaner doesn't do much for

getting rid of the corrosion. I've found that using a small wire brush attachment with a Mototool is about the best solution. It's a little difficult to get in between the pins unfortunately, but try to get the sides of the pins

shiny. Then use a small amount of contact cleaner and work the pins in and out of the mating connector for a while. This generally will take care of all but the most difficult cases.

Harold