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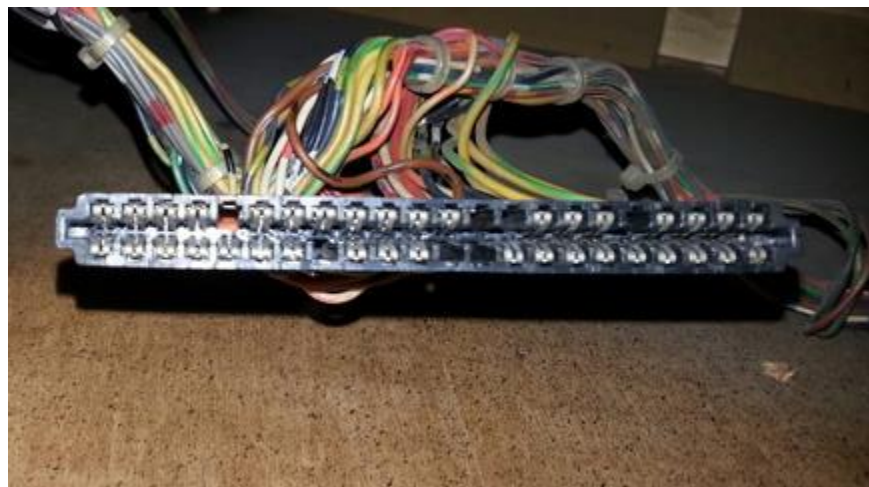
**GAME BOARDS**
USA

**Servicing
Amusement
Machines
Since
1981 !**

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You Are Our Business! How Can We Help You?

**Step by step instructions to tighten
the 22/44 pin edge connector in your Pac-man**



22/44 edge connector

THE PROBLEM:

The connector has to carry the full current from the transformers in the bottom of the game.

Over time, the metal pins in the plastic housing have collapsed due to pressure and electrical load.

As a result, the pins no longer make good contact with the copper traces on the edge of the game board.

In extreme cases, the traces on the board may be scorched, pitted or even burned off completely.

Inspect the game board traces to make sure they are not damaged. If any traces are burned too badly you have two choices:

- 1) You can send us your game board for repair and we'll rebuild the edge connector.
- 2) You can purchase our PAC-MEND repair kit and solder a new edge extension onto your board yourself.

THE SOLUTION:

IF the traces on the edge of your game board are in good condition:

Start by unplugging the 22/44 from the game board by prying it up by the two tabs at each end of the plastic body. Do NOT pull it off by the wires.

Find yourself a low stool so that you are at eye level with the connector.

Arrange for a good light source behind you that will shine over your shoulder.

Tip the connector up so you can see into the slot in the connector. You will see two rows of 22 pins facing each other across the plastic housing, hence the term 22/44.

Grab your X-Acto knife, or a pen knife, or even a steak knife that comes to a sharp point.

Start with the first pin at one end of one of the two rows.

Jam the point of the knife under the middle of the metal pin between the pin and the plastic connector body.

Twist the handle of the knife so that the blade lifts the metal pin away from the

plastic body, raising it up towards the center line of the connector. BE GENTLE.
DON'T BREAK THE PIN OUT OF THE PLASTIC.

When you are done you will have re-shaped the pin back to the way it was when it was new.

Now pull the knife out from under the first pin and slide it past the second pin. Jam it under the second pin and do the same thing. Work your way down the row to the end.

Flip the connector body over and come back the other way. TAKE YOUR TIME, DON'T RUSH!

When you're done, the connector will fit tightly back onto the game board and make good contact.

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