GAKU COUNTER FACE PLATE & HOUSING

www.pachinkoplanet.com

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What is it?

A custom (and easily customizable) face plate and housing for your GAKU pachinko counter.

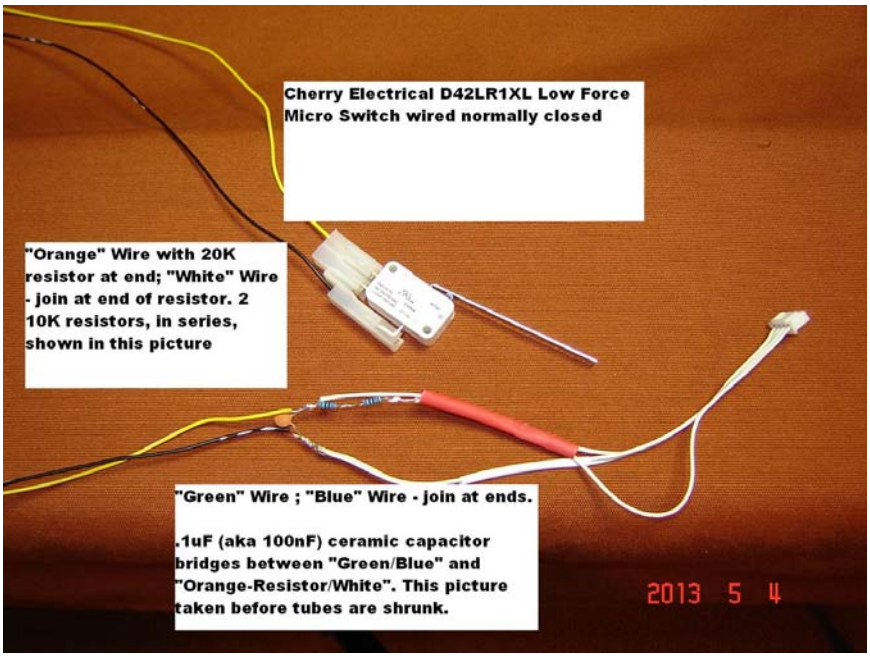
Face Plate Installation (See pictures)

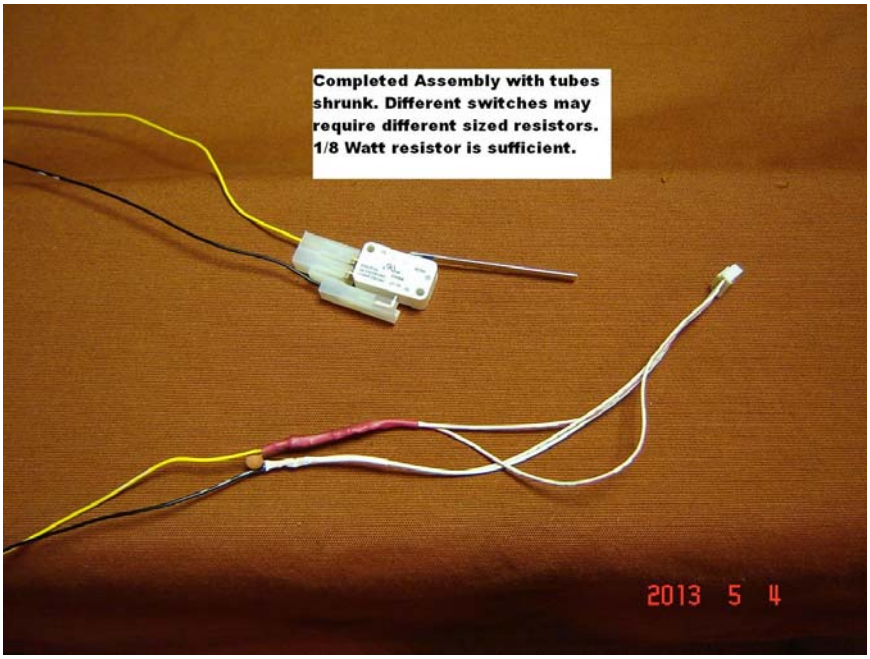
Follow the instructions that came with your counter and install the sensors. Ensure your game "senses" and "counts" shots and wins appropriately and consistently before installing the face plate and housing.

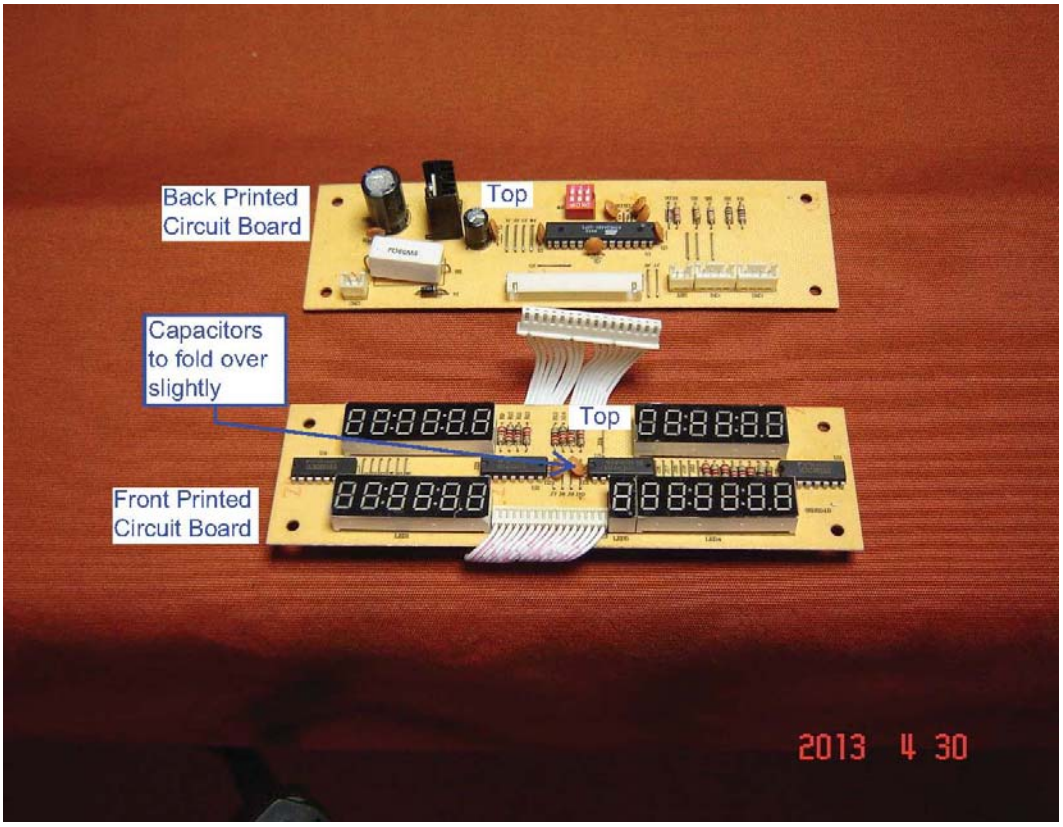
To install the face plate:

- Check that you have the correct quantity of hardware and materials
  - 10 machine screws with plastic caps, nuts and washers
  - 4 machine screws with spacers, nuts and washers
  - 10 black and 10 chrome screw caps
- Check fit of plastic face plate on front PCB board, the LED segments can be moved slightly to fit in the plastic face plate.
- Install game loosely with fasteners and spacers on the BACK of the wood piece (Do not tighten nuts at this time). Front printed circuit board goes inside recess in wood on front of wood, spacers on back of wood, then back circuit board, then washer and nut.
- Carefully, ***slightly*** fold capacitors in center of board to allow clearance for face plate.
- Pass wires through opening on board and connect front board to back board.
- Install plastic face plate and ensure 10 mounting holes line up.
- Finger tighten 4 game fasteners as tight as possible with face plate on (Do not over tighten, do not use tools and do not force).
- Remove plastic face plate and finish tightening 4 game fasteners.
- Install paper template.
- Carefully remove protective film from LED digits on front game circuit board.
- Carefully remove protective film from plastic face plate, try not to touch back side of face plate and leave finger prints.
- Install 10 plastic face plate fasteners with bottom part of screw cap. The two center fasteners are the most difficult to install. Use pliers and a screwdriver if necessary. Ensure no fasteners fall on circuit board and are accidentally left in place, this will short circuit your circuit board and cause damage.
- Install Reset Button.
- Snap plastic caps on. The chrome caps seem much more difficult to install. The caps usually make a snap sound when installed correctly. If the cap won't snap on; try removing it and snapping it on from the opposite direction. Repeat from other directions until the cap snaps on.

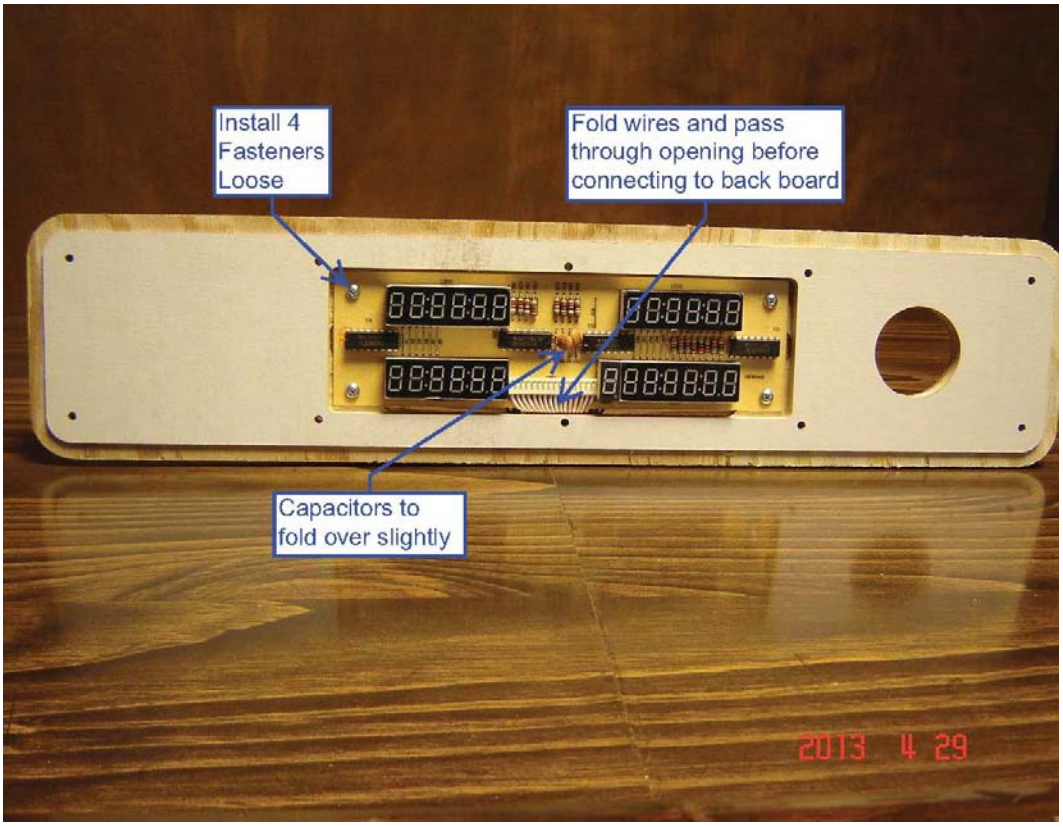
- Consider using a different power connector than what is supplied and shown in pictures; such as Radio Shack Catalog # 274-1577, Size M, Coaxial, DC Power Plug; carefully install with correct polarity!
- To purchase a GAKU Counter or for more information; contact Brian Carey - email:careybp@swbell.net
- If you have a desire to use a micro switch in lieu of the supplied WIN sensor (useful on some vintage pachinko machines) – the following pictures show a successful approach for a specific switch.

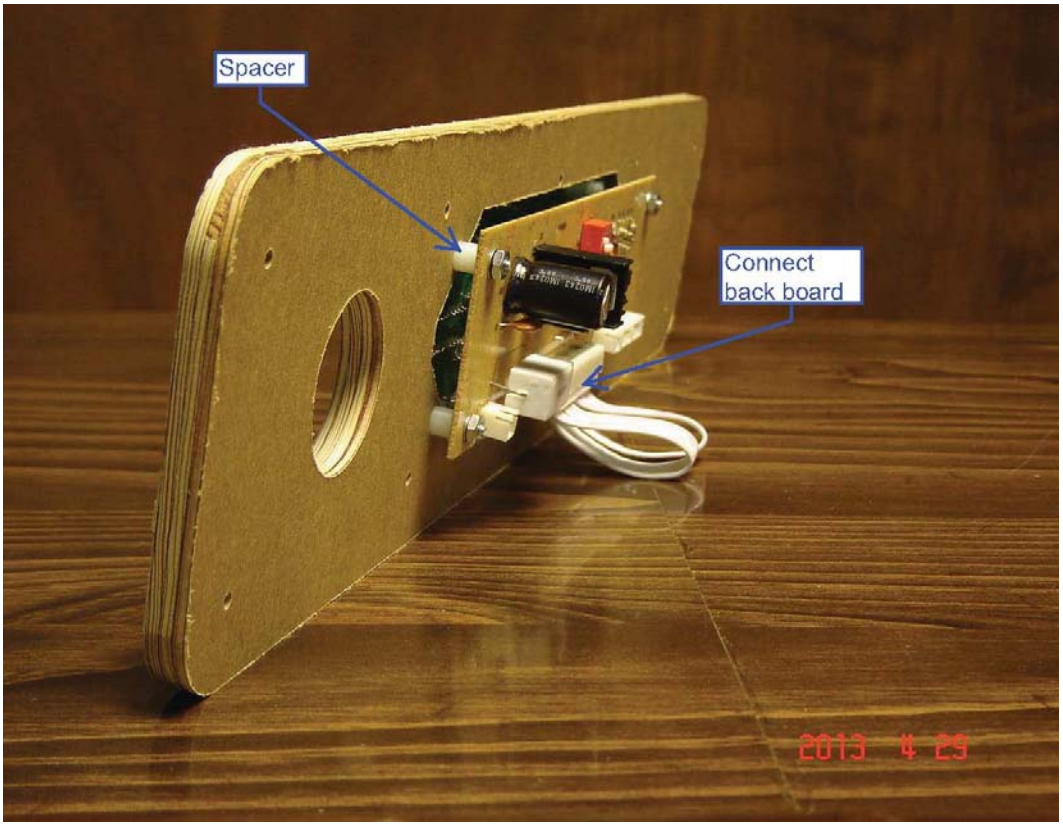


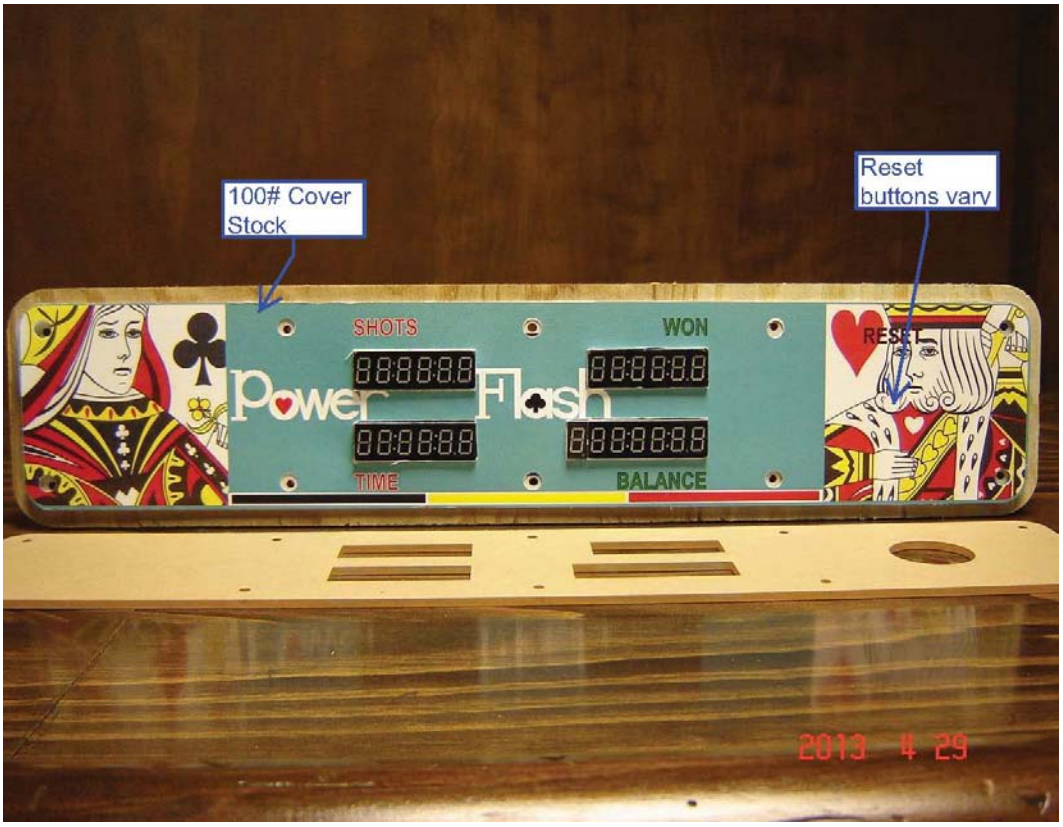


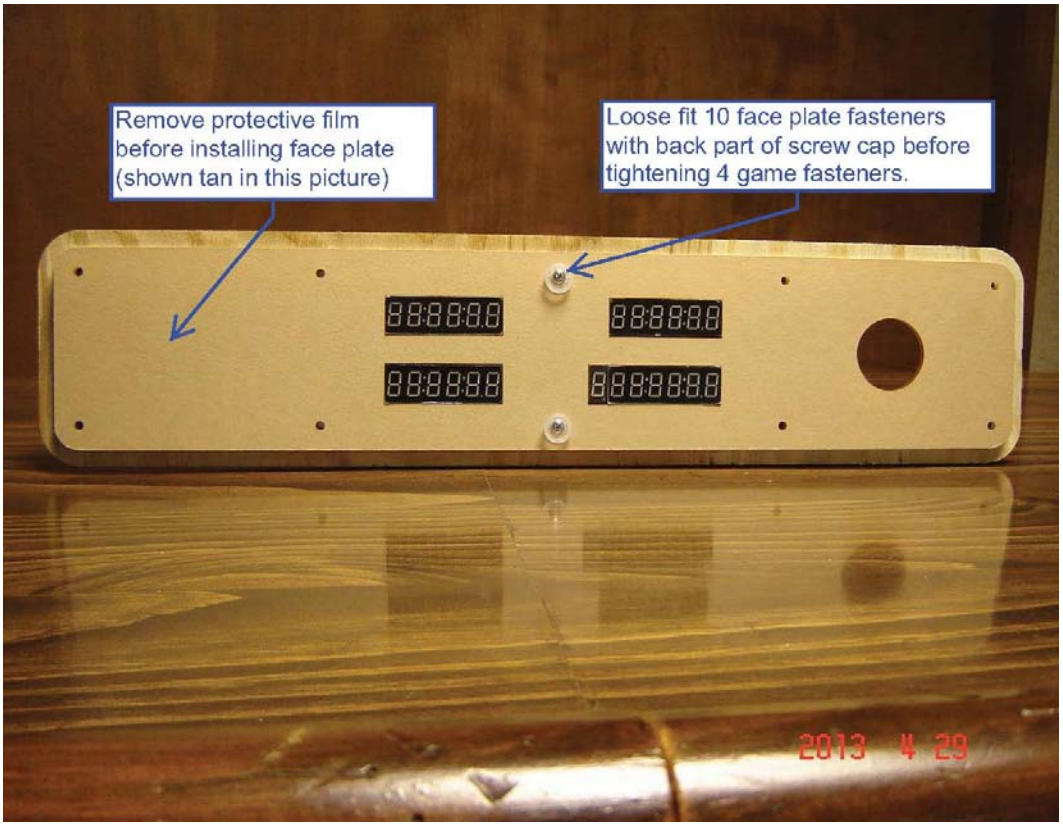


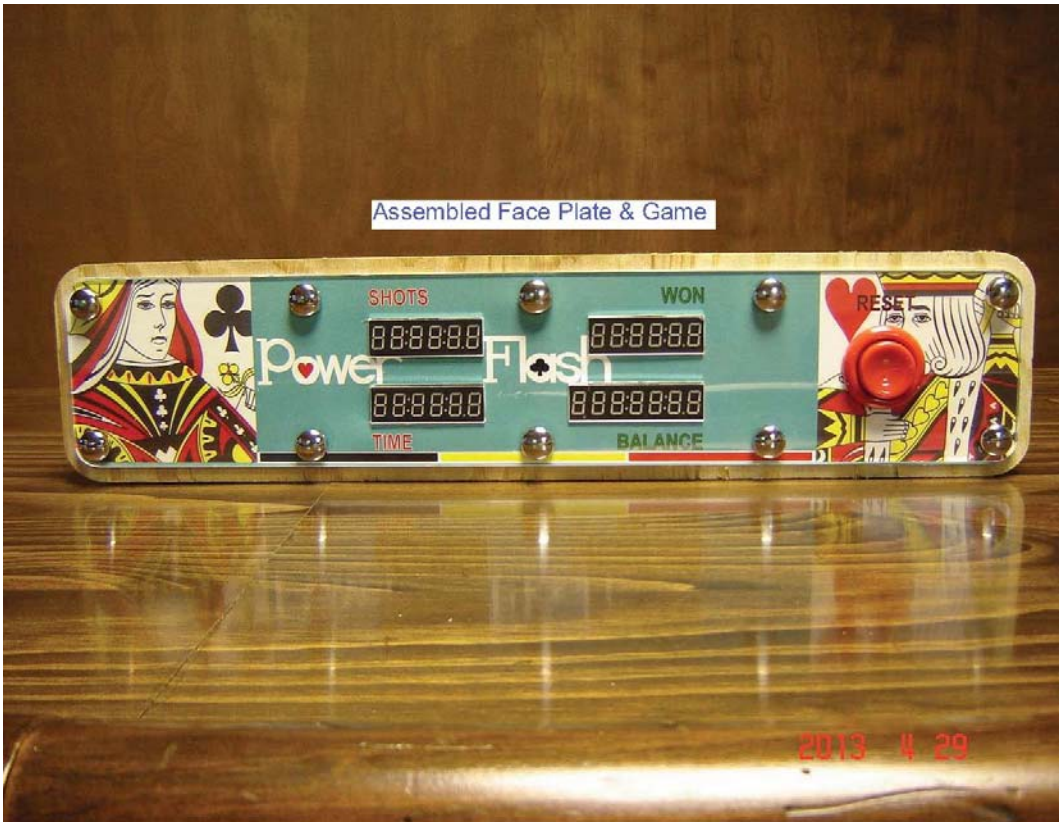
Supplied Fasteners

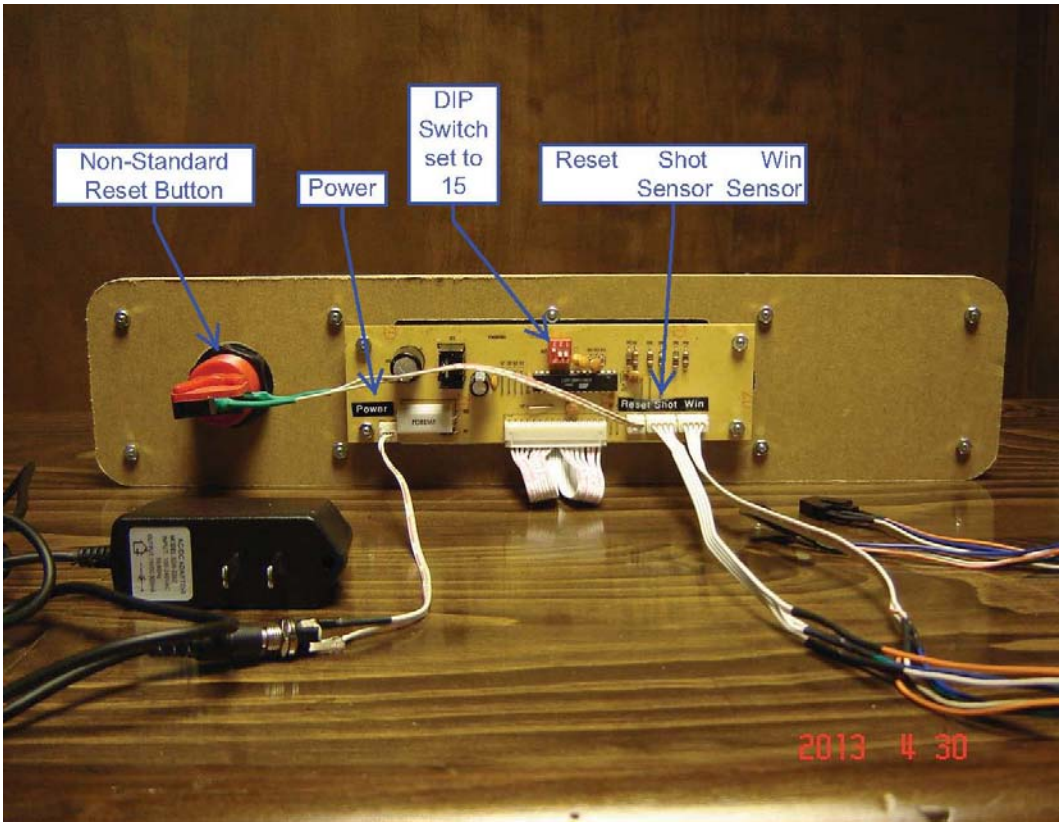

Install 4
Fasteners
Loose
Fold wires and pass
through opening before
connecting to back board
Capacitors to
fold over slightly
2013 4 29


Spacer
Connect
back board
2013 4 29


100# Cover Stock
Reset buttons vary
SHOTS
WON
Power Flash
RESET
TIME
BALANCE
2013 4 29


Remove protective film before installing face plate (shown tan in this picture)
Loose fit 10 face plate fasteners with back part of screw cap before tightening 4 game fasteners.
2013 4 29


Assembled Face Plate & Game
SHOTS
WON
RESET
Power Flash
TIME
BALANCE
2013 4 29


Non-Standard Reset Button
Power
DIP Switch set to 15
Reset
Shot Sensor
Win Sensor
2013 4 30

Housing Installation

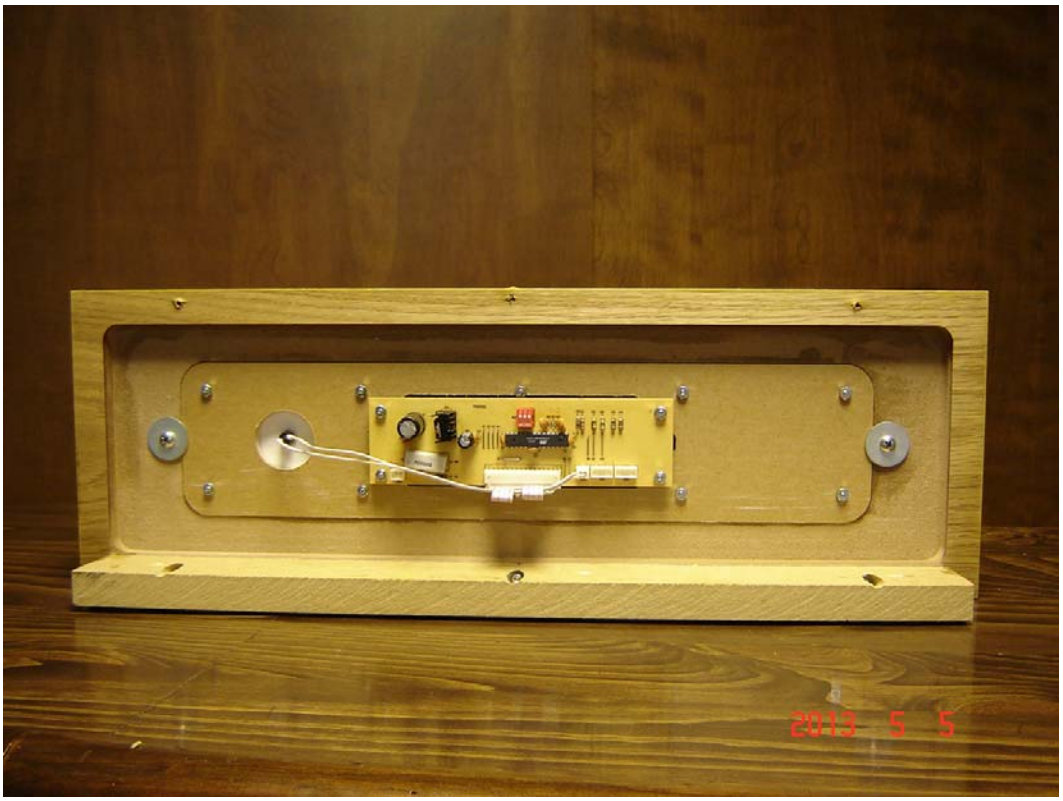
Remove the game from the housing and finish the wood to suit your needs. The veneer is white oak. A clear finish (e.g. Minwax® Polycrylic® Protective Finish) is a reasonable match to a lot of vintage machines. The wood can be painted, stained or laminated.

Temporary wood screws can be placed in the back surface to allow painting and staining of all surfaces.

The face plate/game is secured to the housing with 2 fasteners.

There are 2 mounting holes pre drilled for fastening the housing to the top of your pachinko machine. The housing can also be mounted in other ways to suit your needs.

Temporary Screws for Paint purposes



Assembled Housing – DO NOT over tighten two fasteners