

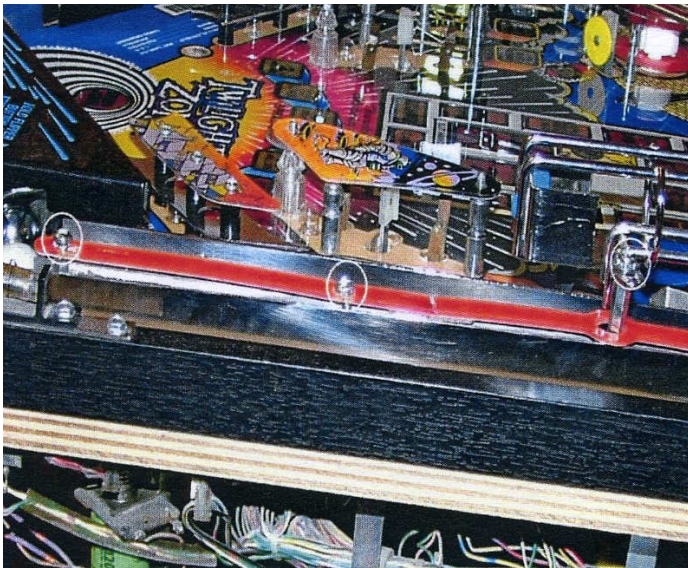
## Package contents:

- 2 pcs quick connectors
- 1 pc standoff 1/4"
- 1 pc standoff 1/8"
- 1 pc LED show PCB board with two opto sensors

## Tools you will need:

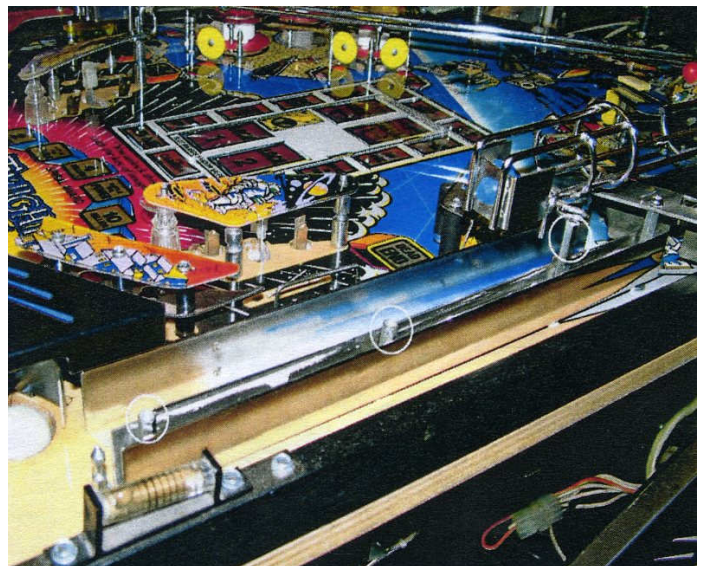
- screwdriver (flat-headed and philips)
- pliers

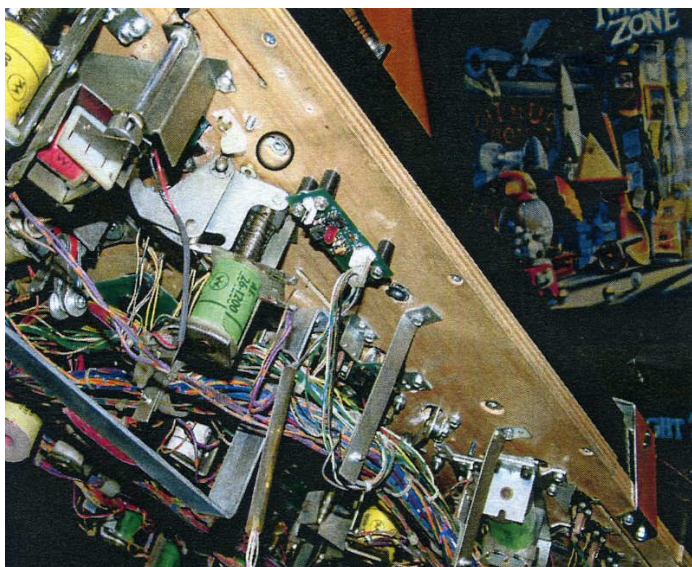
1. Open the coin door
2. Remove the lockdown bar
3. Remove the playfield glass
4. Raise and slide the playfield forth



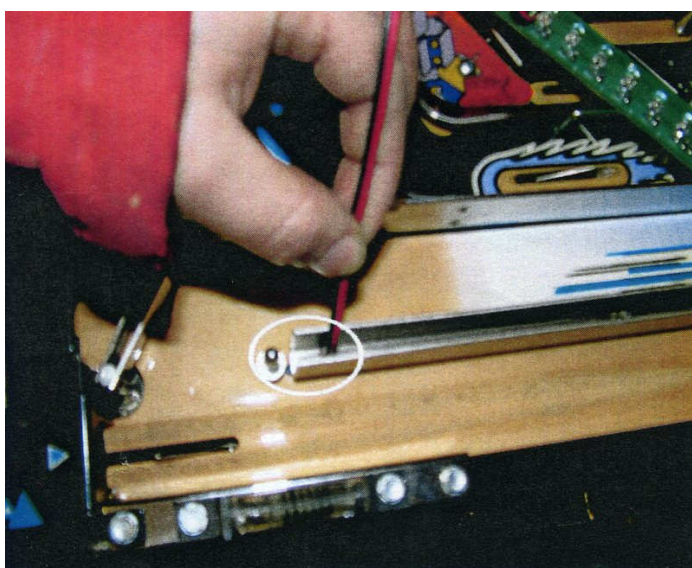
5. Remove the 2 screws holding the red plastic, and the one holding the ramp
6. Remove the red plastic

7. Remove the 3 metal posts (2 pcs 1/4" and 1 pc 1/8")

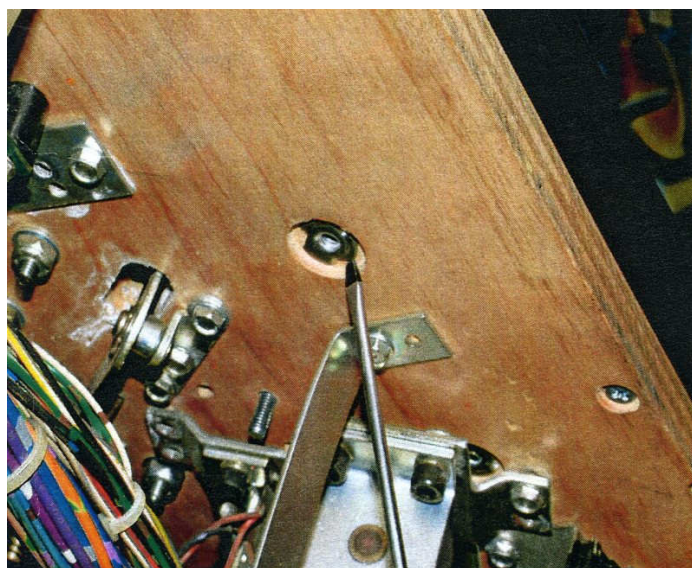




9. Insert the flat screwdriver between the wood and the T-nut and twist carefully until the T-nut becomes loose and can be removed



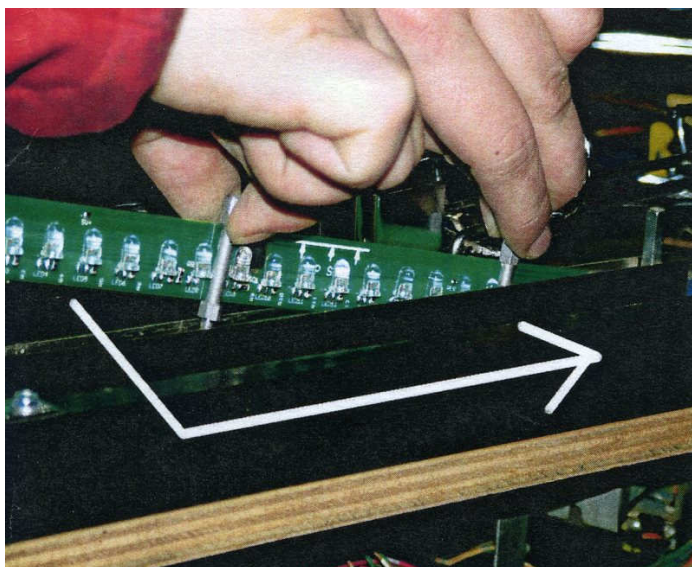
8. Remove the T-nut belonging to the metal post closest to the front.



10. Push the board's cable through the first hole  
11. Remove rubber ring from the metal post next to the U-profile

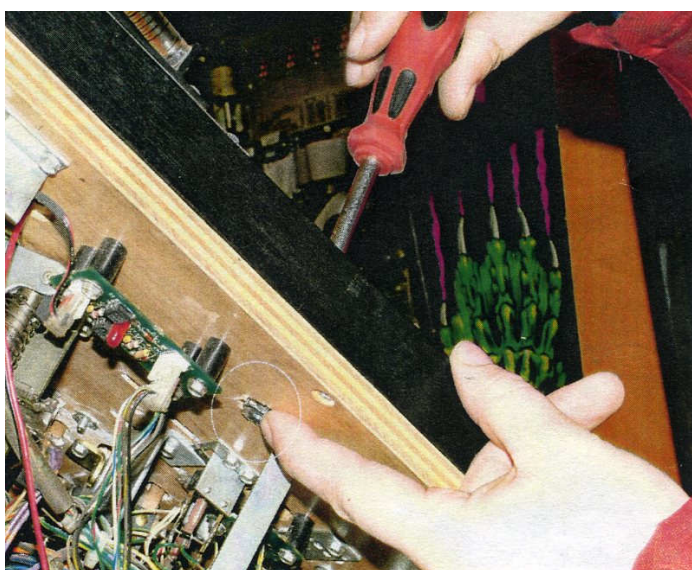
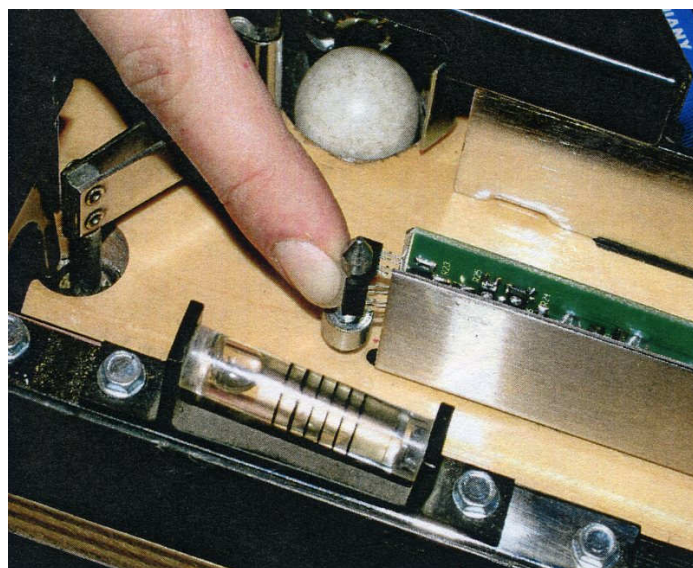


12. Fit the board (LEDs pointing upwards) into the thin areas of the enclosed metal posts. Places of the post are indicated on the silkscreen.



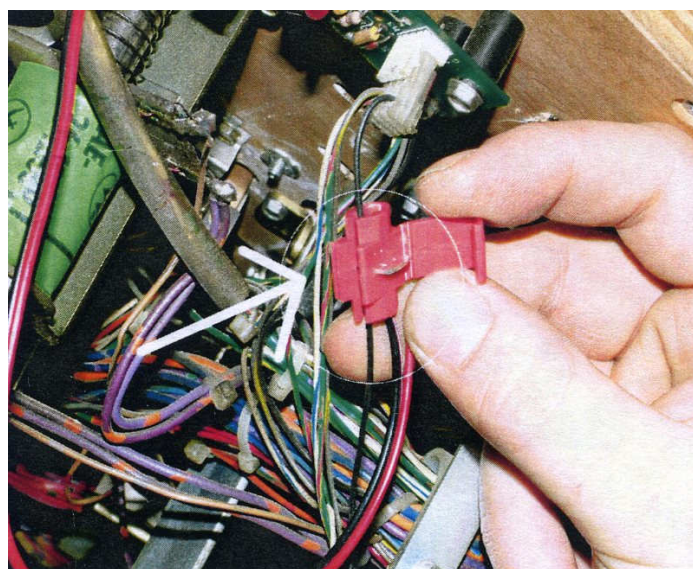
13. Insert the board into the U-profile; fit the posts in their holes. Align the edges of the board and the U-profile.

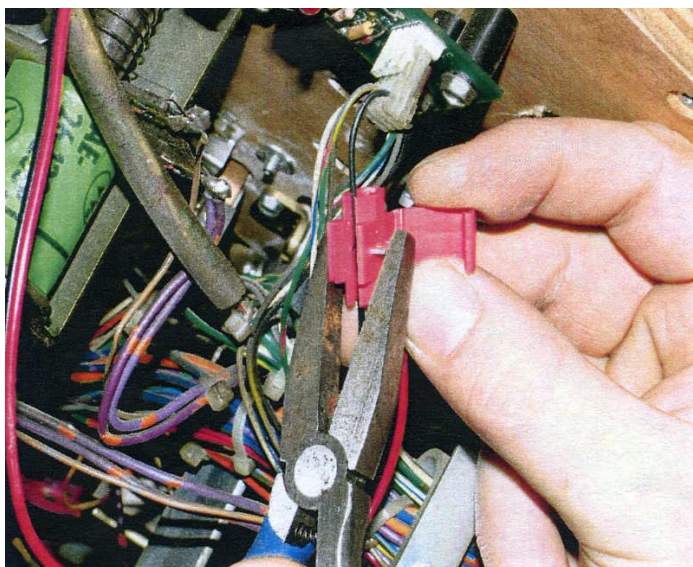
14. Adjust the optos if necessary



15. Tighten the metal posts. **BE CAREFUL!** This step may damage the PCB, make sure the board stays in the thinned part of the post!

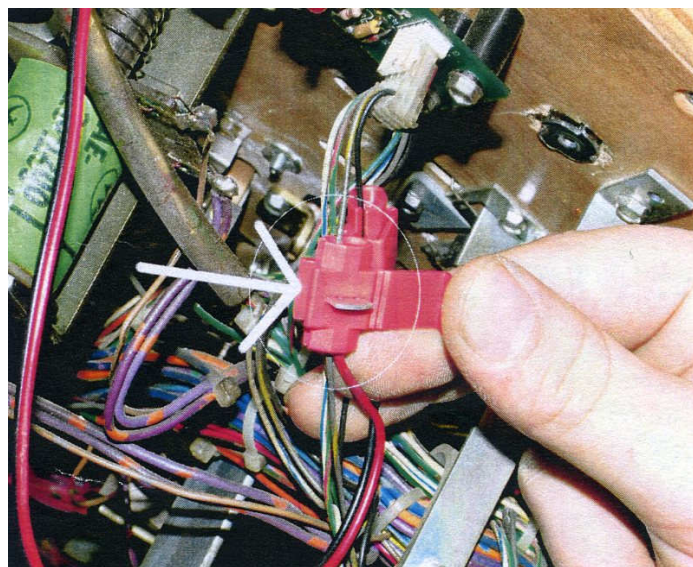
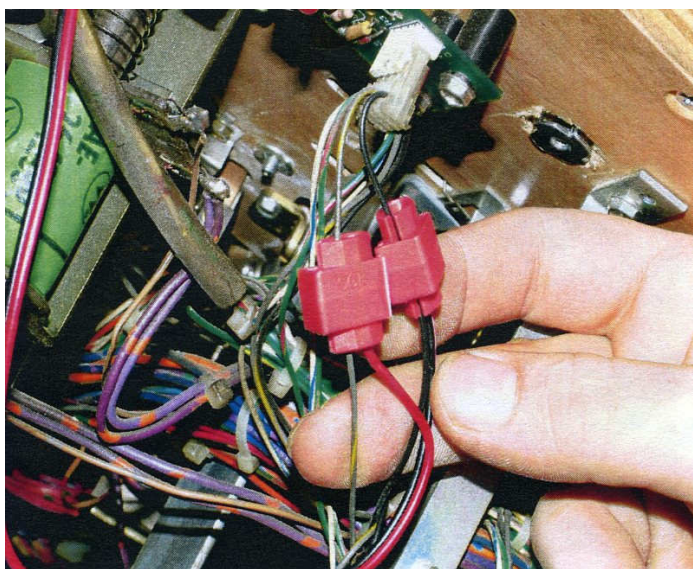
16. Insert the black wire of the LED board and the black wire of the proximity sensor board into the quick connector





17. Clamp together tightly so the pin presses into the cables and holds firmly

18. Insert the red wire of the LED board and the proximity sensor board's gray/yellow wire into the other quick connector and clamp the pin firmly



19. Inspect your work for proper connection before lowering the playfield and closing your game

20. Replace the 2 screws (the one closer to the front is the 6mm screw, the other is the 10mm one)

21. Install rubber ring on the metal post

22. Power on the machine and test the board



**Important!** The PCB has two variable resistors with which the sensitivity of the optos can be adjusted. These are preset for general environmental conditions. It is NOT advised to adjust these unless a light source with intensive infrared radiation (e.g. halogen lamps close to the machine) interferes with the board starting the LEDs "spontaneously".