

# 6000 TO 6300 CONVERSION (OR 6200 TO 6300 CONVERSION)

How to install your Super 6 Plus II Kit:

1. Turn game off and unplug it.
2. Unlock hood and open it up.

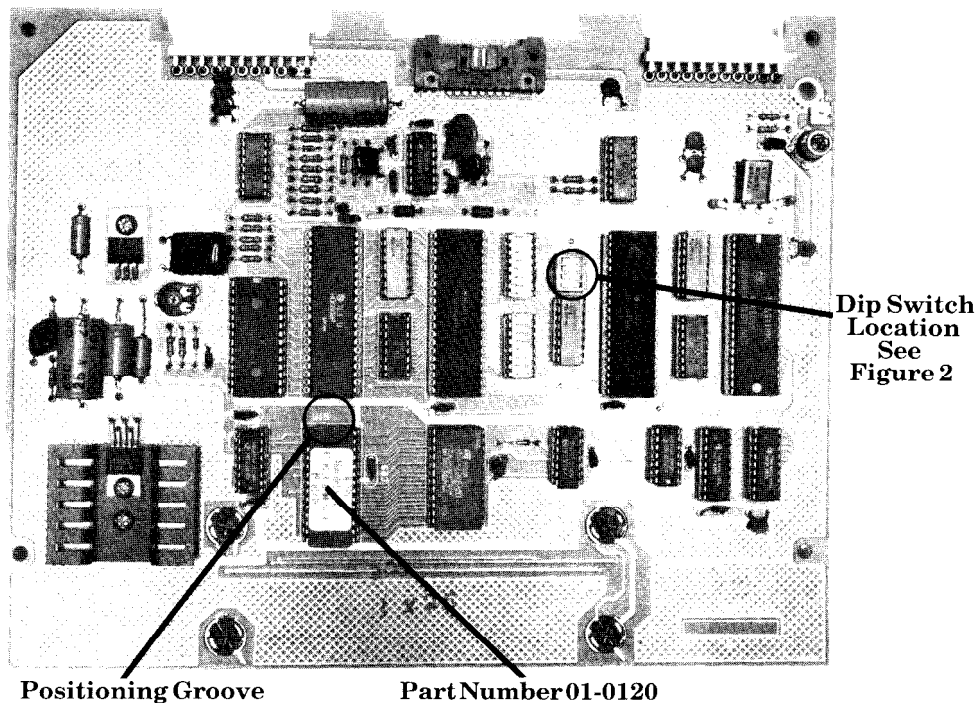


Figure 1

3. (Figure 1) Remove the old eprom and replace it with the new one. Be careful to place it with the positioning groove facing the proper direction, as shown.

**NOTE:** For 6200 to 6300 Conversion, skip steps 4 thru 13.

4. The Dip Switch must be added to the main board (See Figure 1 and 2 for its location). Remove the main board from the component tray and desolder the 8 holes for mounting the switch. Place the switch on the board as shown in Figure 2. Solder switch in place.

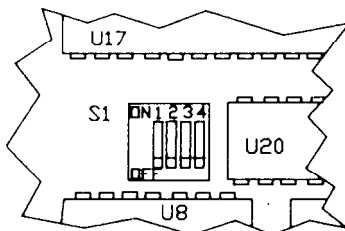


FIGURE 2

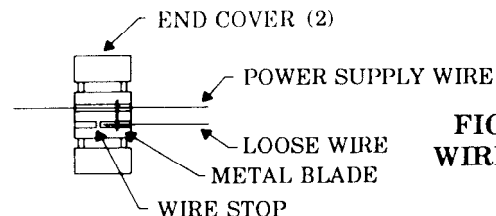


FIGURE 3A  
WIRE SPLICE

5A. Disconnect and remove the main wire harness (this requires access to the coin door). Route new main wire harness like the old harness was. There will be two connectors for the coin door and a new edge connector in the component tray area.

**NOTE:** An enclosed wire splice (Figure 3A) allows you to make an electrical connection without cutting or stripping wires. It may be needed to attach a loose red wire to another location on your new wire harness. Look for this splice; if it is already attached to two red wires on your harness, skip step 5B.

5B. Place the loose red wire from the wire harness into the splice channel that has a plastic wire stop (Figure 3A). The wire should cross the metal blade so that when you close the end cover, the blade will penetrate the wire's insulation. Place either of the red wires that are attached to the top board power supply connector into the splice channel without the wire stop. (These are +5V lines). Again, make sure that the splice's metal blade will penetrate the wire's insulation. Close the splice end cover's, using a pliers if necessary, to snap them into place.

6. If your component tray is a newer tray and has two holes for mounting the PC board skip Step 7. See Figure 3 for direction of board. Make sure the board will not come in contact with the component tray mounting screws and washers.

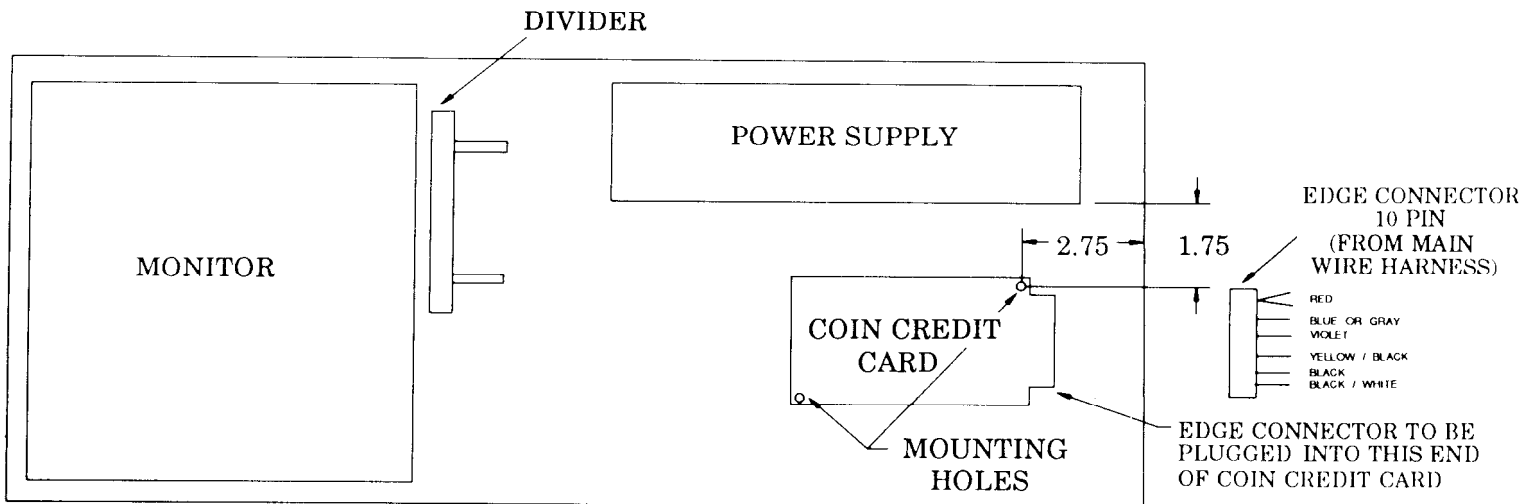


FIGURE 3  
COMPONENT TRAY BOTTOM

**NOTE:** You may wish to remove the component tray from the game before going on with Step 7.

7. Use the mounting holes in the credit card to make marks for drilling. Drill two 5/16 (.312) diameter holes on your marks (If the physical size of your drill is larger, you may have to remark your holes further from the power supply).

8. (Figure 4) The stand offs need to be pressed in these two holes. A 5/16" nut driver can be used to press the stand offs in.

9. Snap the board in place and plug into new main harness. (See Figure 3 for position of connector.)

10.. Close and relock the hood.

11. (Figure 5) Remove violet wire between coin mechanisms. The black wire from the coin counter must also be disconnected from coin mechanism.

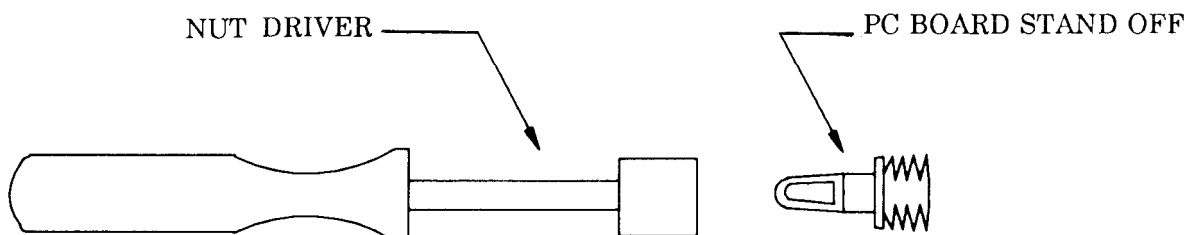
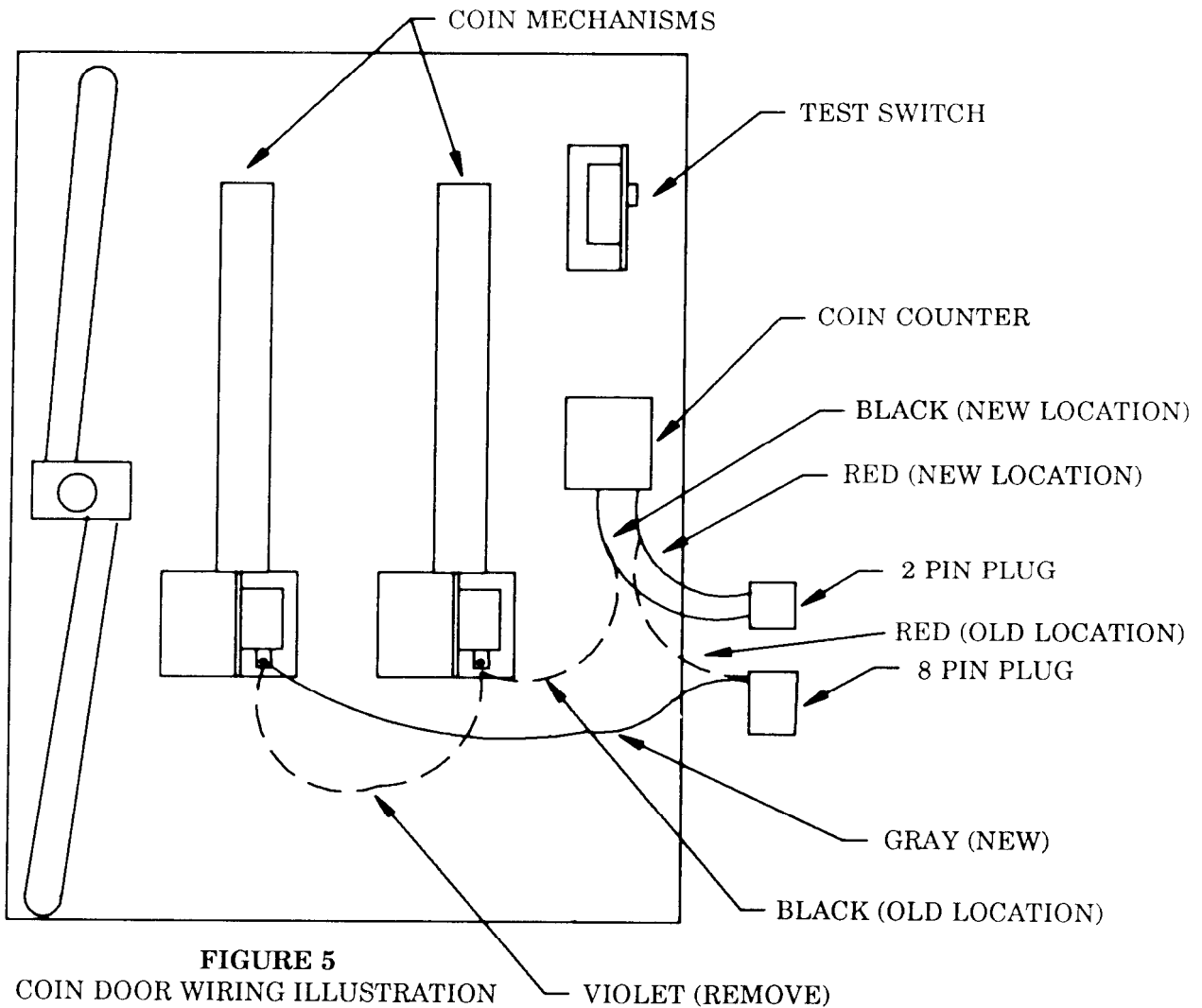
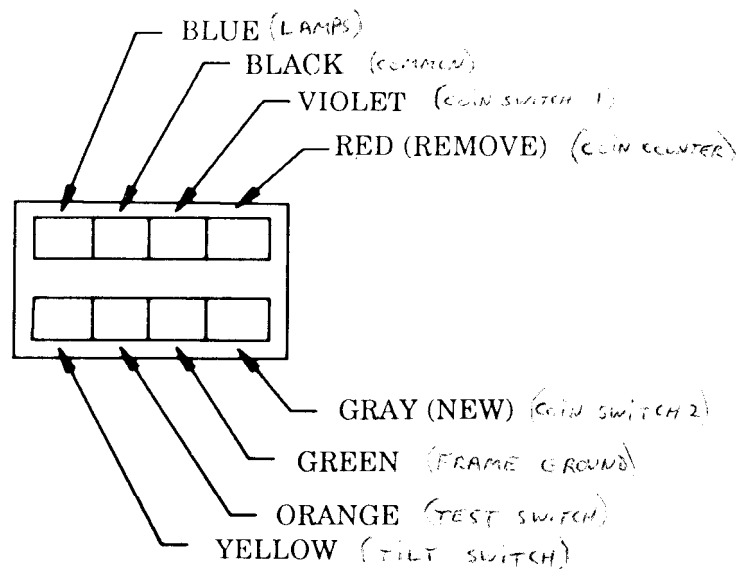


FIGURE 4

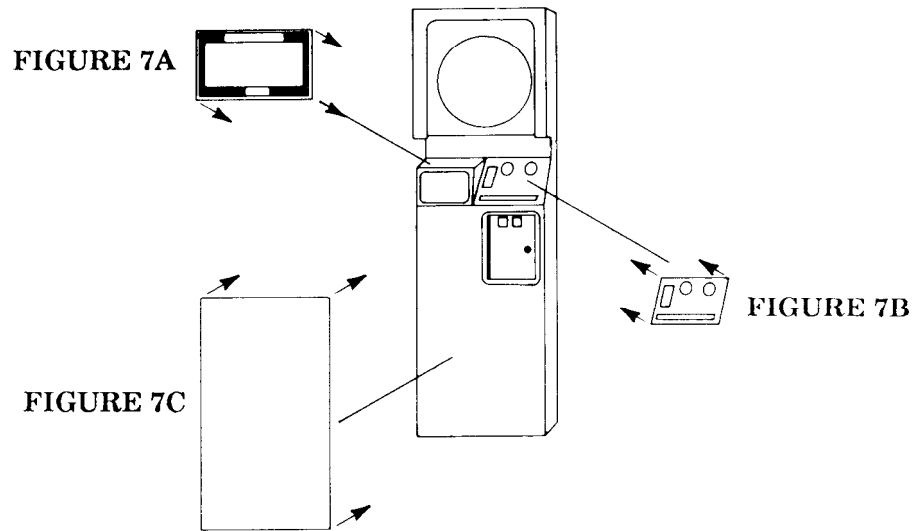


12. (Figure 5) The red wire from coin counter should be cut at the harness connector. Using the female pins, the 2 pin connector should be added to the red and black wire from the coin counter. The connector plugs into the main harness only one way, so make sure the red wire will connect with the red wire on the harness two pin connector.

13. (Figure 5) A new gray wire must be added to the left coin mechanism where the violet wire was removed. The other end of the wire goes to the coin door connector (see Figure 6). Plug the connectors in the coin door area together. Close the coin door.



**FIGURE 6**



14. (Figure 7A) Apply the new "game list" decal over the old one. Do not attempt to remove the existing decal, especially from a wooden surface.

**NOTE:** Make sure surfaces are clean before applying decals.

15. (Figure 7B) Remove enter and select switches, then remove this old decal. Place the two rectangular windows provided into the openings. Apply new decal and competitor strip. Using a razor knife cut openings in decal for switches and replace the switches.

16. (Figure 7C) Remove coin door and league slot (if your game has one), and apply the new "Super 6 Plus II" decal on the bottom half of the game.

17. See instructions on how to use Coin Credit Card and how to position the Dip Switches for various coinage options.

18. The Super 6 Plus II is equipped with Cricket 200. Cricket 200 plays like the original Cricket except it will allow only a 200 point spread between the player with the highest score and the closest opponent.

The advantage of Cricket 200 is that games should finish more quickly, since players can no longer accumulate high scores. They will be more likely to close out and end the game.

Figure 2 shows the dip switch on the main board. Switch 4 is for Cricket. When the switch is "ON" you have Cricket 200 and when it is "OFF" you have the original Cricket.

Switches 1 and 2 are for 3 and 5 plays for a dollar, respectively. See Coin Credit Card Instructions for more details. Switch 3 is used for the selectable Double Bull option described in Step 19.

19. If you are also installing the Double Bulleye Accessory Kit, see instructions supplied with it for proper installation in the dart head. The program chip provided with each Super 6 Plus II Kit is capable of utilizing a Double Bull so you may add it at any time.

**IMPORTANT:** If you are not installing a Double Bull, than make sure switch 3 of S1 is in the "OFF" position (See Figure 2).

If there are any questions, please call Arachnid's Engineering Department at 1-800-435-8319 or 815-654-0212.



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