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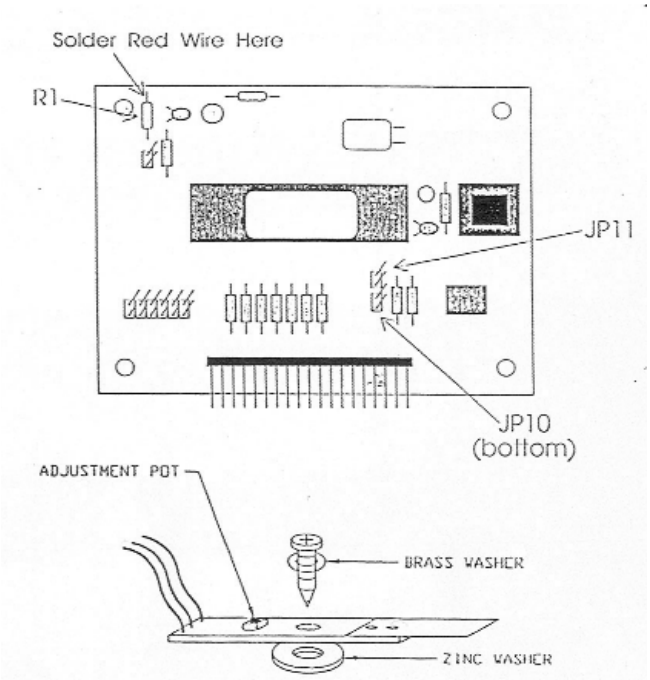
Mounting Instructions For Piezo Type Missed Dart Detector

1. Unplug the Galaxy from the wall outlet.
2. Remove the existing gold contact missed dart detector:
   a. Unplug the two pin connector from the Smart Target board at JP10.
   b. Remove the stationary flat gold contact from the center of the target back.
   c. Remove the #6 x 3/8 phillips screw from the top of the missed dart detector.
3. Install the piezo type missed dart detector:
   a. Place the brass washer over the the #4 screw provided.
   b. Insert the screw and washer through the hole in the piezo missed dart detector circuit board, component side up.
   c. Place zinc washer over the #4 screw protruding from the solder side of the circuit board (see illustration).



   d. Screw the assembly into the center hole in the target back, where the flat gold contact had been previously removed. The missed dart detector should be horizontal, with the wires exiting at the left.
   e. Plug the missed dart detector into the Smart Target board at JP10. On boards prior to Rev. K, plug the in the connector with the black wire on top. On Rev. K or higher boards, plug in the connector with the black wire on the bottom.
   f. Solder the remaining red wire to the leg of R1 that is closest to the edge of the Smart Target board (+5V).

Note: Newer Smart Target boards (PN. 40158) have a three pin connector (JP1) for the detector. No soldering is required. Match the red wire with the pin marked "red" on the JP1 connector on the Smart Target board.

4. Plug in and turn on the Galaxy.
5. Adjust the sensitivity of the new missed dart detector, using the small trim pot located on the missed dart detector circuit board. This is a single revolution pot, there are no stops when turning it.
   ⇨Turning the pot clockwise slightly increases the sensitivity.
   ⇨Turning the pot counterclockwise slightly decreases the sensitivity.

Guidelines for Adjusting Sensitivity - Ideally, the missed dart detector should effectively sense darts striking anywhere on the web surface, even the aluminum house darts. However, optimum sensitivity will vary from location to location, depending on environmental circumstances. For Instance, if a dart game is in very close proximity to a loud speaker which gives off vibrations, or a dance floor, the sensitivity may have to be decreased to compensate for the interference.