Electro Cam Corp.

Rotary Cam Switch

Circuit Board
Removal and Installation Guide

Circuit Board Removal

1. Disconnect power to the unit.
2. Remove all wires going to the terminal block.
3. Remove the screws that are holding down the top circuit board.
4. Lift the top circuit board and remove the stand offs.
5. Remove the screws that are on the bottom circuit board in front of the shaft.
6. Carefully remove the screws in the rear of the bottom circuit board.

   Exercise caution when removing the screws. Components near the screws can be damaged by the screw driver.
7. Remove the conduit entrance.
8. Gently slide the circuit board away from the shaft and up to remove.

Circuit Board Installation

1. Remove any debris that may be in the enclosure.
2. Install the circuit board in the same manner that you removed the old one.

   Note: The circuit board sits on metal stand offs. To set in place, you may have to lift the front of the circuit board so that it will rest on the stand offs. Ensure that the cams line up in the center of the photo eyes. Use the enclosed mirror to see under the shaft.
3. Install the screws for the bottom circuit board.

   Note: Do not tighten the screws at this time.
4. Using the enclosed mirror, ensure that the cams are centered in the photo eyes. Rotate the shaft to ensure that the cams are not rubbing on the photo eyes.
5. Hold the circuit board in place, and tighten the screws.
6. Place the stand offs in their proper holes.

   Use the 5/16 hex stand-offs and screws provided by Electro Cam Corp. The hex stand-offs must be screwed into place.
7. Gently place the top circuit board in place. Line up the holes with the stand offs and insert the screws.
8. Tighten these screws.
9. Apply power and test before all the outputs are connected. To test, rotate the shaft and ensure that all LEDs are switching with the cams.
10. Connect all additional wiring.