

# 38444R PCB Replacement

## **⚠ WARNING**

BE SURE ELECTRICAL POWER HAS BEEN DISCONNECTED FROM THE INPUT POWER LINES PRIOR TO REMOVING THE MOTOR COVER.

## **⚠ WARNING**

ANY AND ALL REPAIRS MADE TO THIS UNIT MUST BE PERFORMED WITH THE DOOR DISCONNECTED FROM THE OPENER AND IN THE CLOSED POSITION.

1. Close door.
2. Unplug opener power cord from power receptacle or disconnect power for hardwired units.
3. Open rear lens cover by pressing outer tabs on both sides of motor and swing down to remove lens and light bulbs. FIG. 1.
4. Remove wall control and Safe-T-Beam wires from terminal block located on rear of opener FIG. 2. Use small common screwdriver to press in on orange tabs while gently pulling wires from block. Mark wires to help facilitate replacement.
5. Remove two screws on rear of powerhead securing PCB board assembly to powerhead. FIG. 3.

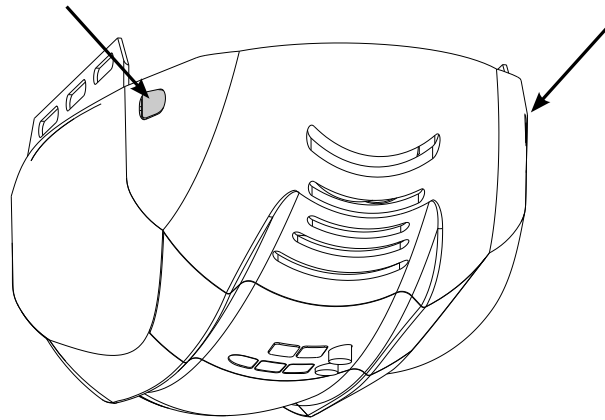


FIG. 1.

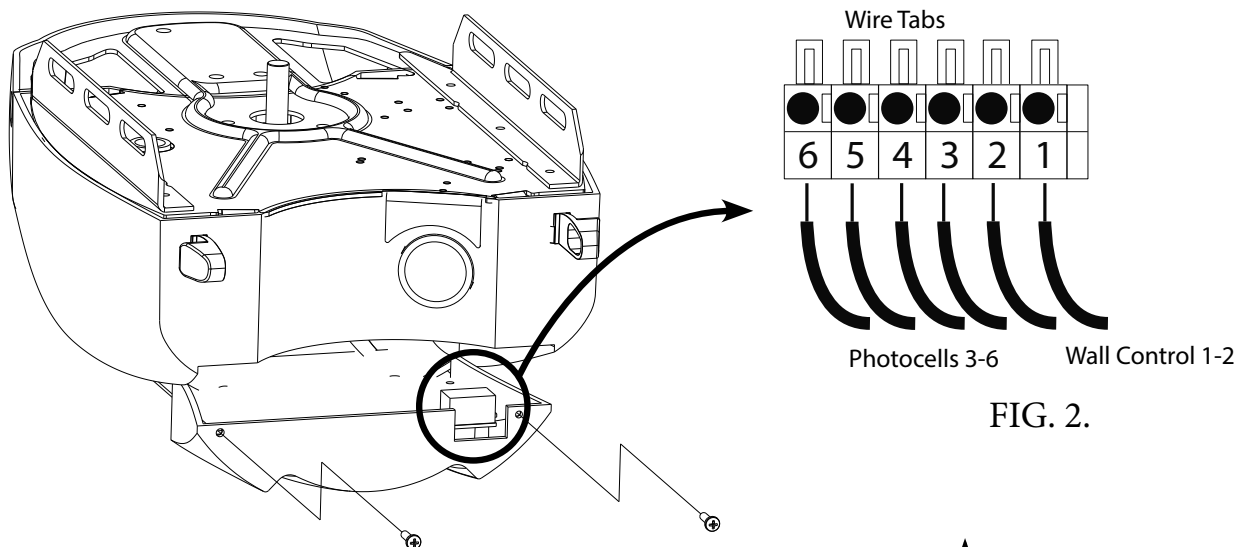
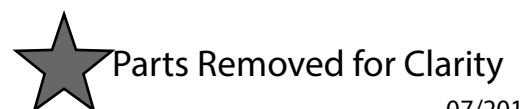


FIG. 2.

FIG. 3.



6. Slide PCB board assembly rearward to access internal wires and plugs.
7. Disconnect motor wires, light bulb harness, opto harness, and motor harness. FIG. 4.
8. Remove PCB/cover assembly from powerhead.
9. Remove 4 screws attaching PCB to cover and lift PCB from cover assembly. FIG. 5. Gently pull antenna wire through hole in cover.
10. Gently remove force control shafts from old PCB and insert into rheostats on replacement PCB board. FIG. 6. Ensure proper placement.
11. Install PCB onto cover assembly in reverse order. Feed antenna wire through hole in cover.
12. Install motor wires, light bulb harness, opto harness, and motor harness onto PCB. FIG. 4.
13. Insert PCB/cover assembly into powerhead and install two screws to secure PCB/cover assembly.
14. Install external wall control and photocell wires into terminal block.
15. Install light bulb and lens cover.
16. Plug powerhead into receptacle or apply power for hardwired units.
17. Program limits, transmitters, and force controls per owners manual.
18. Run full operational and safety test per owners manual.

Remove/replace these connections

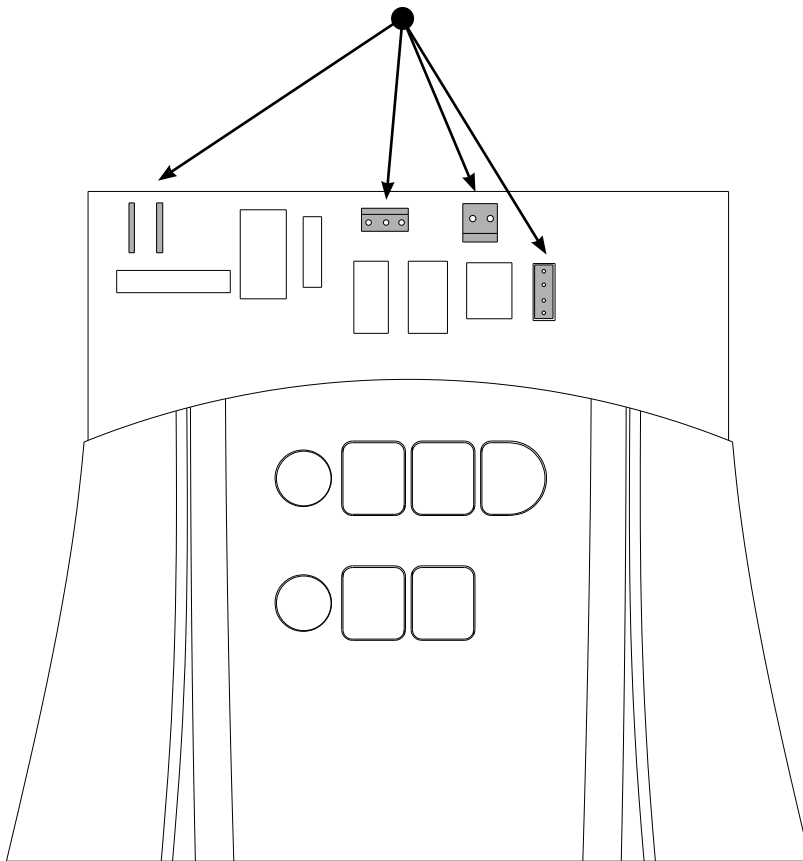


FIG. 4.

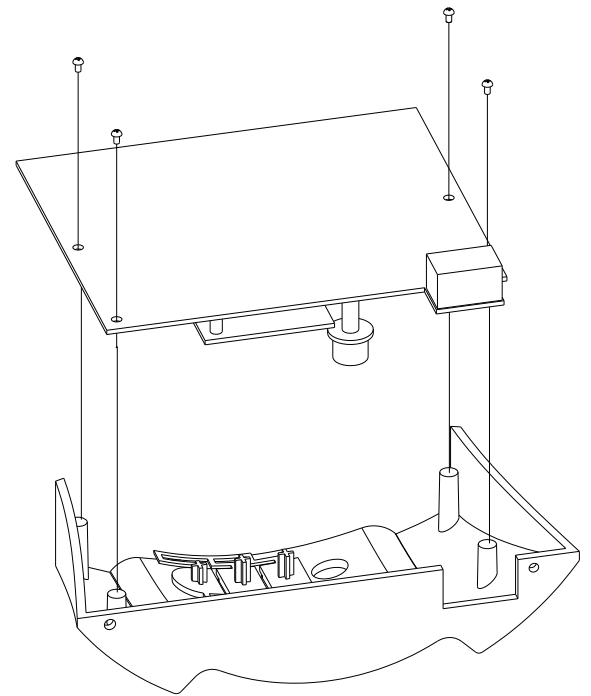


FIG. 5.

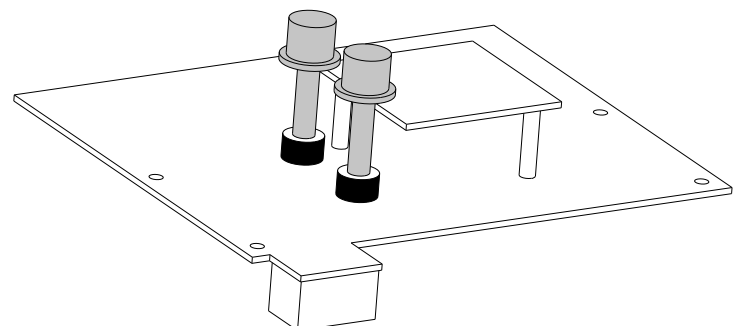


FIG. 6.



Parts Removed for Clarity