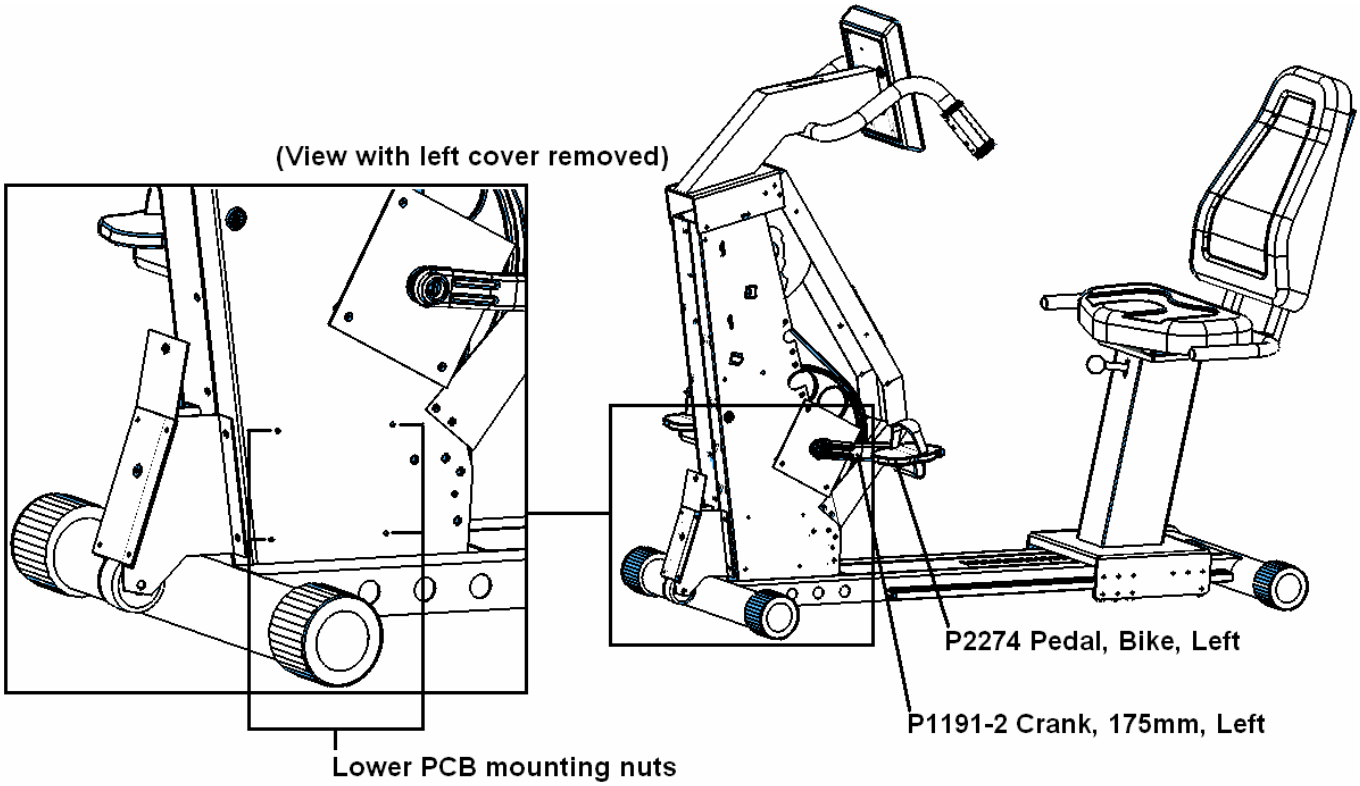
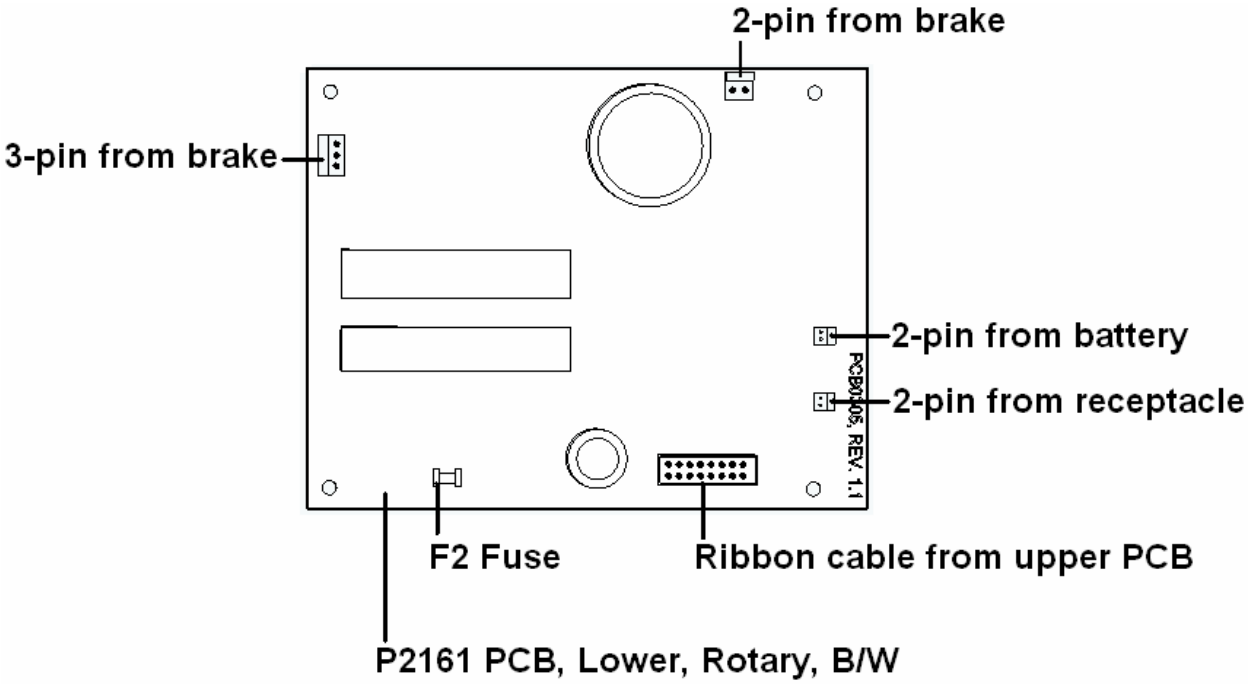
ISO1004R Lower PCB (Power Supply) Replacement (Use this procedure for ISO1004R with serial numbers 510-005403 and above.)



1. Remove the water bottle holder, if mounted to the covers, and left cover (S1729). A Philips screwdriver is used on the newer units, while a 1/8" Allen wrench is needed for the older units.
2. Put the left crank arm in the position shown above.
3. Slide the cover over the left crank arm (P1191-1) and left pedal (P2274) until it is completely free of the unit.
4. Remove the four (4) lower PCB mounting nuts, located on the left side of the monocoque (silver framework), using a 5/16" socket or wrench.
5. Lay the unit over on its left side.
6. Lift the lower PCB (P2161) up slightly and pull out the bottom of the unit. One zip-tie may need to be cut to give the wires enough slack to remove the lower PCB from the bottom of the unit. ***Make sure you are grounded when handling electronics. Do not touch any components on the lower PCB. Static damage can occur.***
7. Disconnect all wires running to the lower PCB.
8. Using a Philips screwdriver, transfer the standoffs from the old lower PCB to the new lower PCB. To remove a standoff, unscrew the Philips screw and star washer running through each corner of the lower PCB.

9. Reconnect all wires to the lower PCB. Confirm connections with the lower PCB picture below.



10. Install lower PCB back inside unit. Push the threaded ends of the standoffs through the mounting holes. Attach mounting nuts to each standoff and tighten.
11. Verify all connections on the lower PCB are secure.
12. Return unit to the upright position.
13. Rotate the crank arms to see if the upper display lights up. If display lights up, do an operations test. Use different programs to verify unit is working correctly.
14. Reinstall cover.