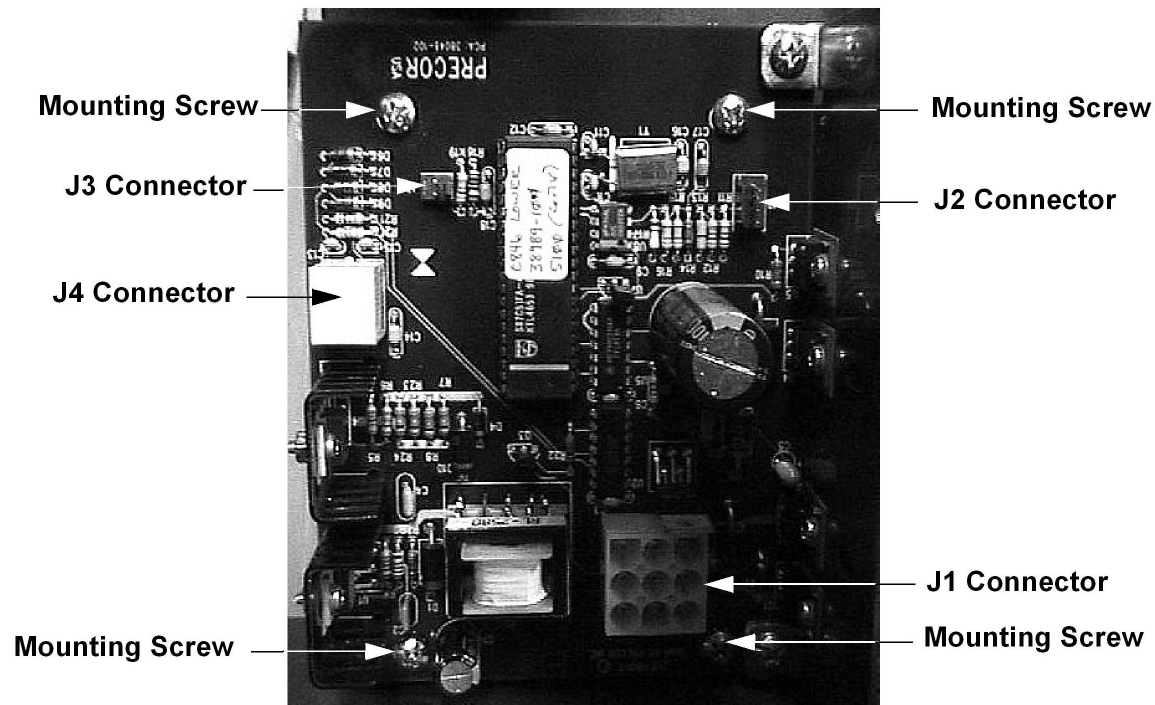


## Procedure 7.11 - Replacing the Lower PCA

1. For C842 and C846 version 2 units, skip to step 11. For C846 version 1 units, continue with step 2.
2. Set the on/off switch in the off position.
3. Remove the right hand cover per Procedure 7.1.

**Diagram 7.18 - Lower PCA**



4. Use an anti-static wrist strap connected to the cycle's frame while performing steps 4-7.
5. Disconnect the J1, J2 (if heart rate is equipped), J3 and J4 connectors from the lower PCA
6. Remove the four lower PCA mounting screws and remove the lower PCA.
7. Set the replacement lower PCA at its mounting position, replace and tighten the lower PCA mounting screws.
8. Reconnect the connectors disconnected in step 4.
9. Check the cycle's operation per Section 4.

10. Replace the cover per Procedure 7.1.
11. Disconnect the optional external power adapter, if equipped.
12. Remove the left, right and top covers.
13. Disconnect the red wire from the battery. Disconnect all of the wires from the lower PCA.
14. Remove the four lower PCA mounting screws. Remove the lower PCA.
15. Set the replacement lower PCA at its mounting position, with terminal M1 facing the front of the bike. See Diagram 6.6.
16. Refer to Diagram 6.6 and replace the lower PCA wiring as follows. Connect the wires from the external power jack to connector J4 on the lower PCA. Connect the two red wires from the eddy current magnet to terminals M1 and M2 of the lower PCA (it does not matter which red wire goes on terminal M1 or M2). Connect the red wire from the generator to terminal M3, connect the black wire from the generator to terminal M4 and the white wire from the generator to terminal M5. Connect the interconnect cable to connector J2 on the lower PCA. Connect the black wire from the battery to terminal M7 and the red wire to terminal M6 of the lower PCA.
17. Reconnect the red wire, removed in step 13, to the positive terminal (red dot) of the battery.
18. Reconnect the external power adapter, if equipped.