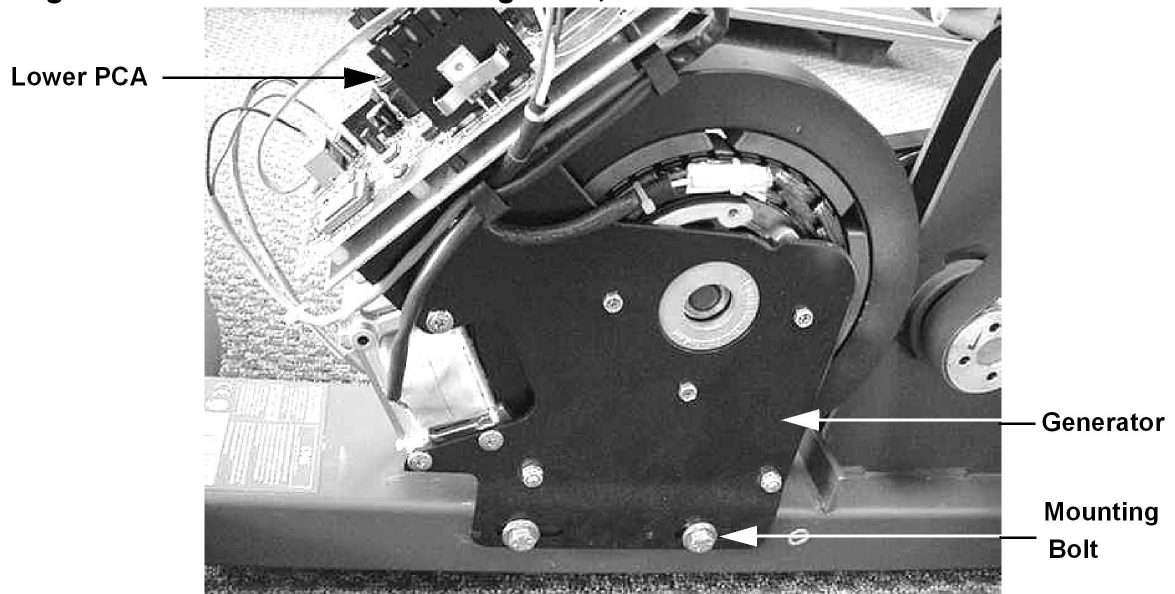


## Procedure 7.20 - Generator Replacement C842, C846 version 2 only

1. Remove the left and right side covers.
2. Remove the positive (red) wire from the battery.
3. Remove all of the wiring from the lower PCA..
4. Loosen the secondary belt adjustment belt to remove tension from the secondary belt.
5. Remove the four generator mounting bolts. See Diagram 7.30

**Diagram 7.30 - Generator Mounting C842, C846 version 2**



6. Remove the generator with the lower PCA from the bike.
7. Using anti-static protection, remove the four screws that fasten the lower PCA onto its mounting bracket.
8. Remove the four screws that fasten the lower PCA mounting bracket to the generator.
9. Mount the lower PCA mounting bracket on the replacement generator with the screws removed in step 8.
10. Mount the lower PCA on the mounting bracket with the screws removed in step 7.

11. 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.
12. Reconnect the red battery wire to the positive terminal of the battery.
13. Replace the left and right side covers