

Procedure 5.1 - Measuring the Resistance of a Generator

Caution

Remove power from the EFX before you measure magnet resistance.

Procedure

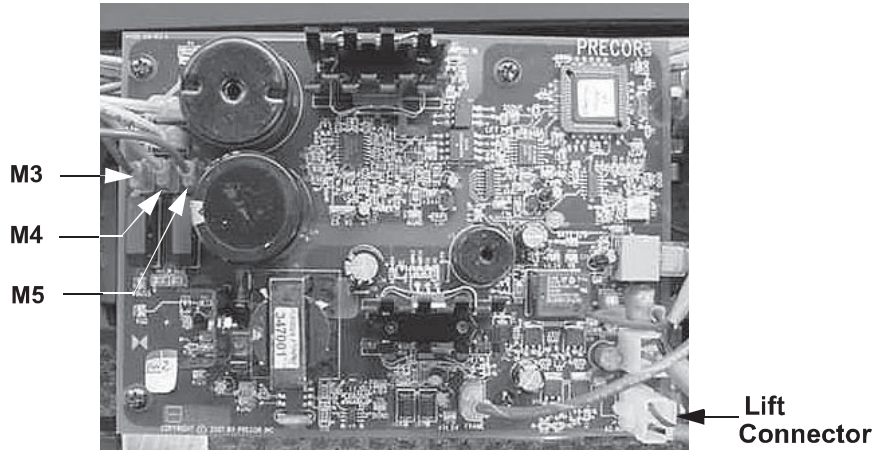
1. Remove the rear cover and disconnect the red battery lead from terminal M6 of the lower PCA.

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One, Things You Should Know.

2. Set the ohmmeter to a range that will conveniently read up to 50 Ω .
3. Remove the three generator output leads from the lower PCA, brown from terminal M3, blue from terminal M4 and violet from terminal M4.
4. With an ohmmeter, read between the brown and blue leads, blue and violet leads and the brown and violet leads removed in step 3. Each of the three readings should be between 26 Ω and 27 Ω . If any of the readings are significantly high or significantly low, replace the generator.

Diagram 5.1 - Lower PCA



5. Reconnect the generator leads to the lower PCA as follows: violet to M5, blue to M4 and brown to M3.
6. Reconnect the red battery lead to terminal M6 of the lower PCA.