

## **DS160 - Main Board Replacement Procedure**

Refer to Drawing 13.2, central unit parts list for board location.

1. Turn system power off.
2. Remove the central unit lid.

NOTE: Take care not to damage the boards with the screwdriver, when removing and inserting screws.

NOTE: Use care when lifting the CPU module board and analog input module from the main board, due to the fact that these boards have pins on the bottom side, which insert into the main board.

3. Disconnect the wiring by unplugging terminal blocks, ensure all blocks and wires are marked to simplify installation. If disconnecting wires from terminal blocks refer to the system wiring diagram in this manual or in the central unit lid for wiring connections.
4. Remove the EPROM module board by taking out the 2 small Philips screws holding it in place.
5. Remove the system EPROM.
6. Remove the main board by taking out the 4 Philips screws holding it in place.
7. Take notice of the orientation of the main board in the central unit. Remove main board and place in the packing material that the replacement main board came in.
8. Carefully insert the new main board in place.
9. Insert the 4 Philips mounting screws.
10. Insert system EPROM.
11. Insert EPROM module board by lining up the pins into the sockets X14 and the 2 screw holes.
12. Insert the 2 small Philips screws and washers.
13. Connect the X1 terminal blocks/wires to the main board. Refer to the system wiring diagram in this manual or in the central unit lid for wiring connections.
14. Turn power on and test system.
15. Inspect the gasket for nicks, cuts, or damages before installing and tightening the cover.