

## REMOVING AND REPLACING CIRCUIT BOARD

MODELS: 240FX, TK1



### WARNING

LP & NG ARE EXTREMELY FLAMMABLE SO  
TAKE EXTRA PRECAUTIONS WHEN  
PERFORMING ANY WORK TO THE HEATER

1. Disconnect the power to the 240FX.
2. Remove the cover of the 240FX by first removing the two Philips head screws in the upper left and right hand corner of the unit.
3. With the cover off locate the circuit board in the upper left hand side of the interior.
4. The circuit board will have a white sticker with the words, "Do Not Touch" . Remove this sticker by peeling it from the bot tom upward.
5. Beneath the sticker you will see three wire connections. The upper most connection will be a pair of red wires. Remove this upper connection by grasping this pair of wires by their white insulation sleeves with your right hand and pulling firmly away from the circuit board in a right hand direction. (Note: firm steady pressure should be applied when removing any wire connection from the circuit board. Sudden yanking or twisting of the wires could damage the wires and/or the circuit board connections.)
6. The circuit board is held in place by two Philips head screws. One screw is located near the very top of the circuit board and the other is located near the bottom. Remove both screws.
7. Once the screws have been removed you will be able to partially remove the circuit board by pulling the board out towards you.
8. Remove the four wire connections on the inner rear side of the circuit board and the remaining seven connections on the front side of the circuit board. Once all wire connections are free from the board unclip the gray wire harness holding the bulk of the wires to the right side of the circuit board. When these wires have been removed from the gray harness the board may be removed entirely.

