



# Dinosaur Electronics

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## Instructions for the 24 VAC Fan Control Board Test Adapter Using the Adapter with the IMT 24 VAC Ignitor Board Tester

Start with all switches in the OFF position

1. Connect the adapter to the circuit board as shown in fig. 1 below.
  2. Plug the adapter into the tester cable and connect the spark wire as shown.
  3. Turn the power switch of the tester to the ON position.
  4. Turn on T'STAT switch located on the adapter.
  5. After a very brief delay, the NC light should come ON
  6. After approximately 15 seconds the IGNITOR lamp should flash and the VALVE light should come on. The IGNITOR lamp should flash for approximately 7 seconds.
  7. The VALVE light and IGNITOR lamp should go OFF for approximately 15 seconds before the next ignition try.
  8. When the board goes into ignition the second time, put the FLAME SENSE switch to the LOCAL position (UP). After about 4 seconds the IGNITION lamp should STOP flashing and the VALVE lamp should stay ON as long as the FLAME SENSE switch is in the LOCAL position.
  9. Set the FLAME SENSE switch to the OFF position. The board begins re-ignition, and is then followed by two more 15 second purge and 7 second ignition cycles.
- If left in this condition (No flame sense), the fan relay on the board will drop out after three minutes and the CHECK light will go OFF.

