



Dinosaur Electronics

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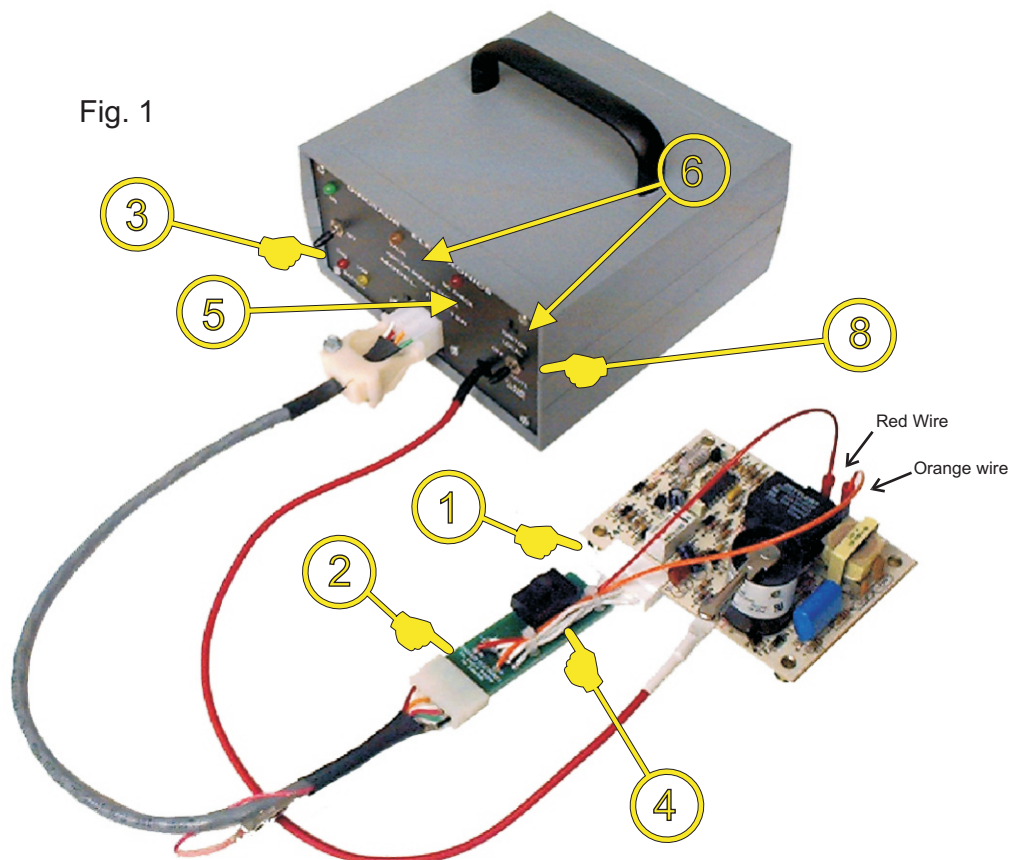
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Instructions for the Suburban Fan Control Board Test Adapter Using the Adapter with the IMT 12-P Ignitor Board Tester

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 **VALV E** light should come on. The **IGNITOR** lamp should flash for approximately 7 seconds.
7. The **VALV E** 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 **VALV E** 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**.

Fig. 1



Instructions for the Suburban Fan Control Board Test Adapter

Using the Adapter with the QuikChek Ignitor Board Tester

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. Plug the tester power adapter into a 12 Volt power outlet.
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 **SPARK** Indicator should flash and the **VALV E** light should come on (the **SPARK** Indicator should flash for approximately 7 seconds).
7. The **VALVE** light and **SPARK** Indicator should go **OFF** for approximately 15 seconds, then the Ignition attempt should start again.
8. The next time the board makes an Ignition attempt, **PUSH** the **FLAME** button . After about 3 seconds the **SPARK** Indicator should **STOP** flashing and the **VALVE** light should stay **ON** (as long as the **FLAME** button is held **DOWN**).
9. **RELEASE** the **FLAME** button. The board should start another Ignition cycle followed by two more cycles and then the **NC** light will come on and stay on for 3 minutes before going out. End of test.

