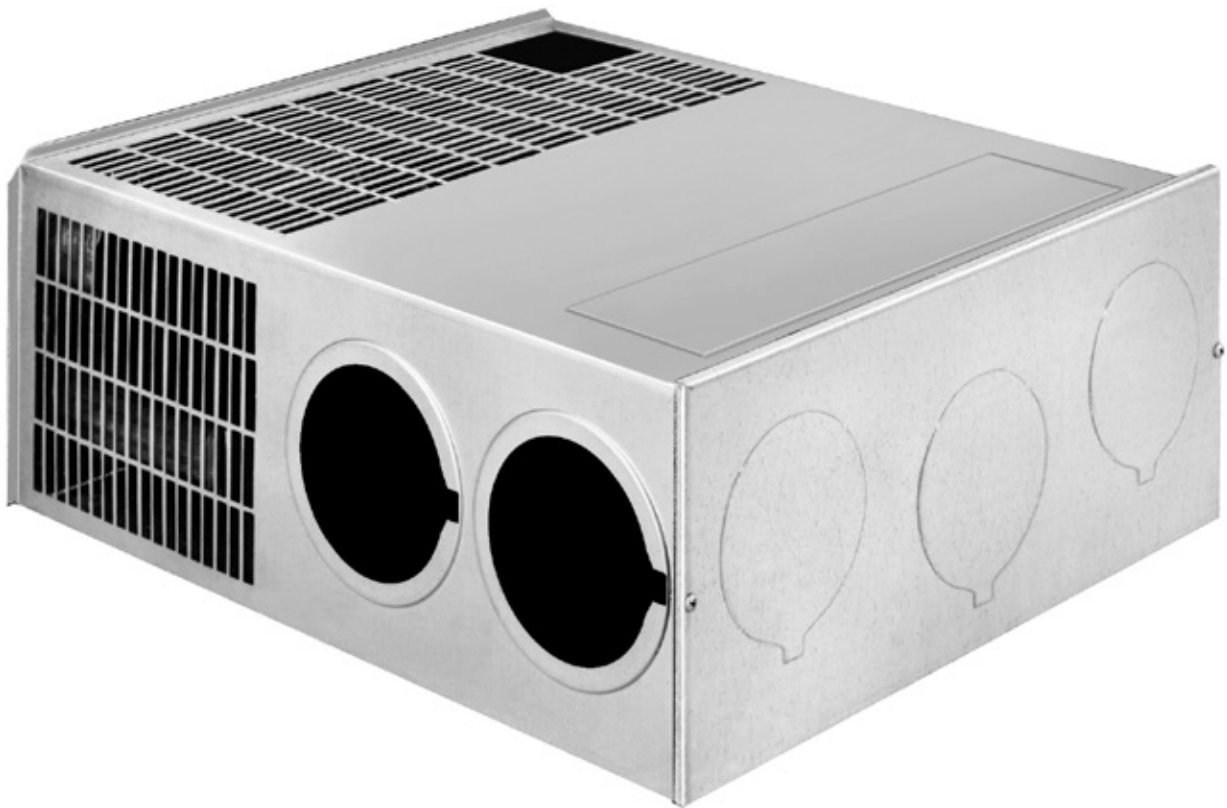


SUBURBAN RV FURNACE

SF-QA / SF-FQA SERIES

SERVICE MANUAL



ELECTRODE ADJUSTMENT

For consistent ignition of the burner, it is important that the electrode be positioned properly over the top of the burner. The electrode was set at the factory for proper ignition and should not need further adjustment; however, if you should experience inconsistent ignition, reposition electrode as follows:

Equipment needed: flashlight • black felt-tip pen • needle-nose pliers, measuring tape
NOTE: Furnace must be removed. (See instructions for removing unit.)

1. Remove burner from combustion chamber by removing six (6) screws which attach the burner to the chamber and air baffles (plates).
2. Locate the lance in relation to the burner ports for electrode positioning by:
 - a. Shine a flashlight into the burner venturi as illustrated. (Be sure flashlight lens is against the end of the burner.)
 - b. Light will reflect off the lance in the venturi of the burner and shine through a portion of the two (2) rolls of burner ports in the top of the burner.
 - c. Using a black felt-tip pen, mark a line along top of burner 4.8mm in back of the lance and parallel with lance. Make an additional mark indicating the center line of the lance. (See illustration.) Both marks will be used later as reference marks; therefore, keep lines thin.

3. Reassemble the burner.
4. Adjust electrode so the electrode probe is positioned along the marked center line of the burner lance and the tip of the electrode terminates 4.8mm from the back of the lance. (At the line marked in Step 2-c.) (See Figure 1.)
5. **IMPORTANT: Be sure electrode probe maintains a 3mm spark gap over the burner as illustrated.**
6. Reinstall the furnace into the cabinet following the instructions in the manual.

PARTS AND SERVICE

To order parts or obtain service, contact:
 Coast to Coast RV Services Pty Ltd.
 20 GEORGE YOUNG ST
 AUBURN NSW 2144 Australia
 Phone: (02) 9645 7600
 Fax: (02) 9645 7688

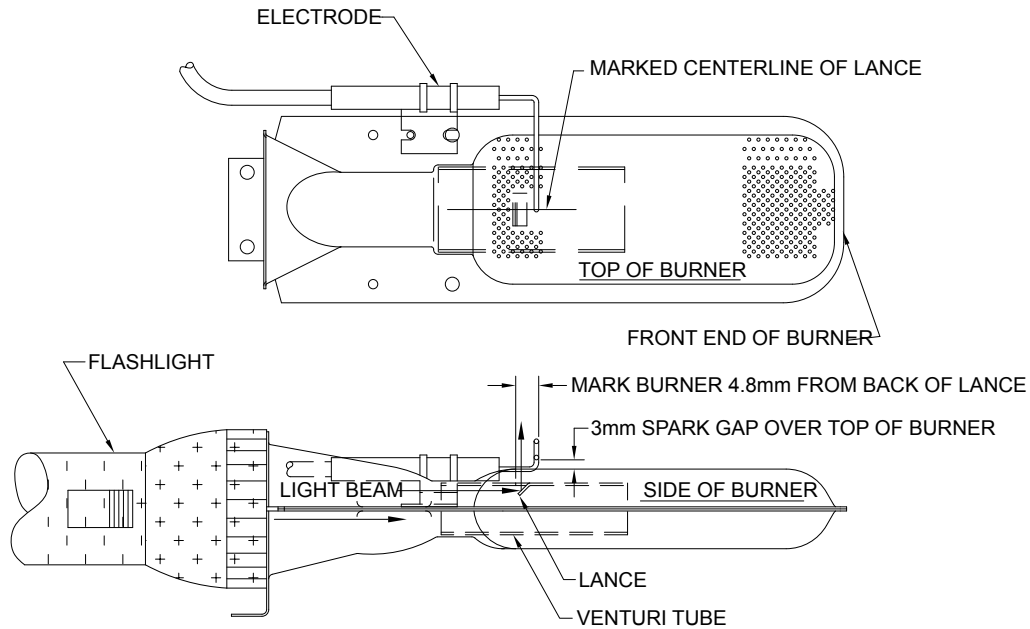
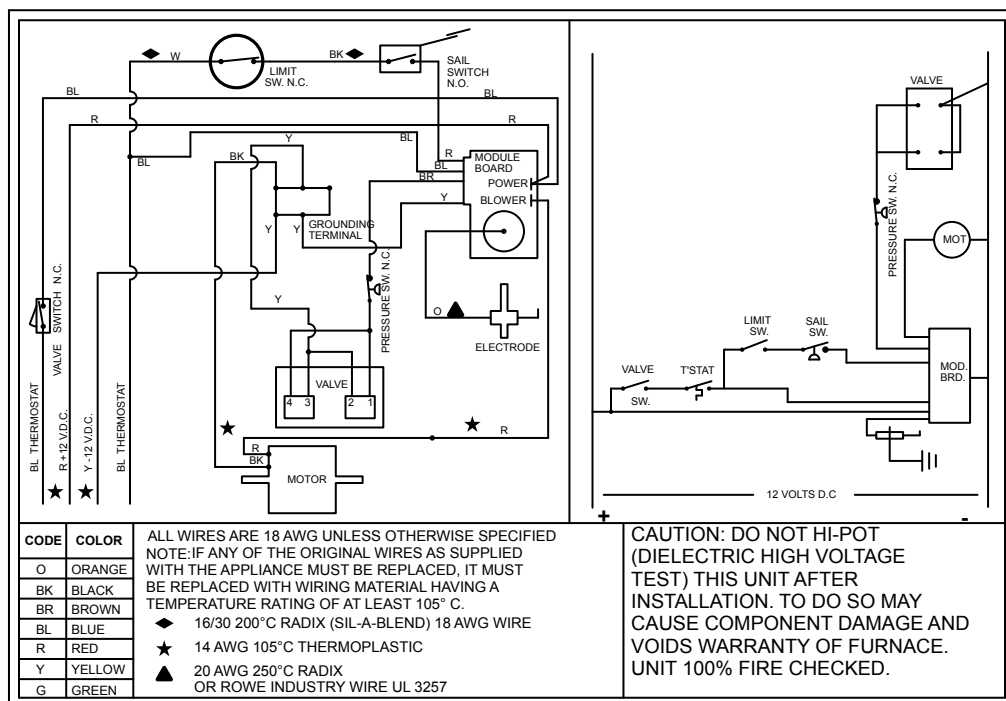


Figure 1



WIRING DIAGRAM

**FOR SERVICE, PARTS OR TO OBTAIN ADDITIONAL INFORMATION,
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