

# ASSEMBLY and INSTALLATION INSTRUCTIONS



## Sensor Wiring

View these instructions online at [www.lbwhite.com](http://www.lbwhite.com)

### Kit Contents:

Description	Quantity
Sensor, 9-3/4 in.	1
Shrink Tubing	1
Butt Connector	2
Installation Instructions	1

### Tools required:

- Wire cutting/stripping tool
- Heat gun, small hand - held torch or butane lighter
- Wire crimp tool
- Utility Knife

### Discussion:

- Use the kit, when replacing the sensor on the digital thermostat's sensor cable and to maintain a corrosion resistance wiring connections.

### Initial Preparation:

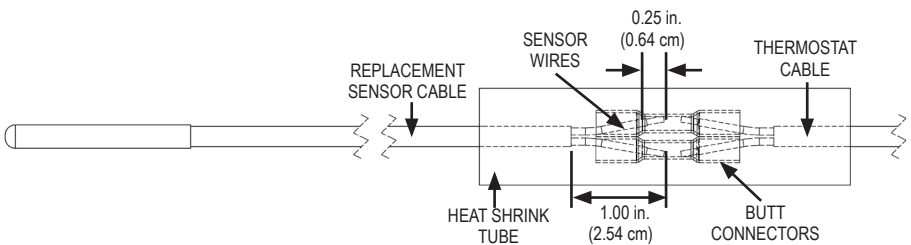
1. Disconnect the zone panel from its electrical supply.
2. Close the fuel supply to the zone panel.
3. Prepare the thermostat cable by cutting of the damage wire.
4. Strip back the thermostat wire sheathing 1 in. Take caution not to cut the wires inside the sheathing.
5. Strip each of the wire back 1/2 in.

### Sensor Wiring Connection

See Figure below for detail of the following instructions.

1. Cut back the white sensor wires to 1 inch.
2. Strip the wires back 1/2 in.
3. Securely crimp the wire to one end of the connector. Repeat this step to the other wire.
4. Connect the thermostat wires to each sensor's wire butt connectors.
5. Securely crimp the connectors.
6. Center the heat shrink tube over the butt connectors.
7. Apply a soft flame or heat to the heat shrink tube. Move the heat along the length of the shrink tube to prevent charring by the heat source and to ensure it has completely formed and sealed around the wire connections.

NOTE: Ensure the heat shrink tube cover the wiring connections completely before applying heat to the shrink tube.



# Notes

## Service

Contact your local L.B. White dealer for replacement parts and service. You may also call the L.B. White Company, LLC at U.S. & Canada: 1-800-345-7200, Overseas: 001-608-783-5691 assistance, or email us at [customerservice@lbwhite.com](mailto:customerservice@lbwhite.com).

Be sure that you have your heater model number and configuration number when calling.



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411 Mason Street, Onalaska, WI 54650

800-345-7200 • 608-783-5691

608-783-6115 (fax)

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