

## Fluid Temperature Sensor Connector Installation Instructions

### P/N #810-CN-TR2P

The 810-CN-TR2P Quick Disconnect Terminal Kit is used when shortening the cable or replacing the connector that attaches a module to a fluid temperature sensor. A photo of the temperature sensor is shown at right. To install a new connector on the module's pigtail cable follow the steps outlined below:



**Step 1:** Cut the module's cable to the desired length.

**Step 2:** Strip the cable cover back 1.00".

**Step 3:** Cut the red wire, non-insulated drain wire, and the foil shield off flush with the cable cover.

**Step 4:** Strip the black and clear (white) wires 3/16".

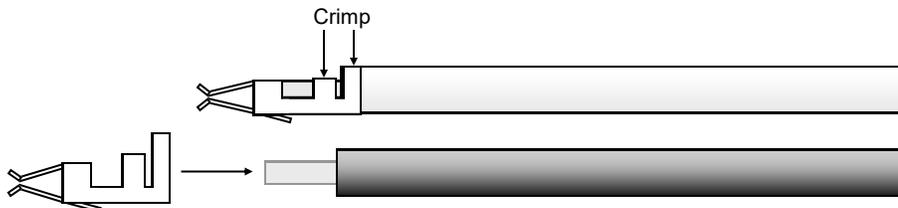


**Step 5:** Slip the rubber boot over the cable with the enlarged end facing the connector.



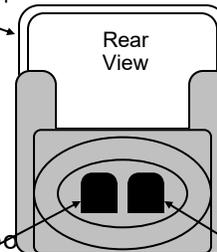
**Step 6:** Crimp the terminals on the black and clear (white) wires.

(Note: Properly crimping the terminals on the wires is an important step in providing a good signal and reliable data. Using the correct tool for the job helps insure that the job is done right. Racepak uses a Tyco Electronics Ergocrimp Tool for this task. If you have access to this tool you will use position #0.5-1 to crimp the forward tangs on the terminal, and then position #2.5 for the rearward tangs around the wire.)



**Step 7:** Next insert the terminals into the rear of the connector. With the wire retainer on the connector facing upward the black wire will be inserted into the left position, and the clear (white) wire into the right position. The tangs on the terminal must be facing downward when the terminal is inserted into the connector.

Wire Retainer Clip



**Step 8:** Once the wires have been snapped into position the rubber boot is moved forward over the end of the connector.

Black wire plugs in here

Clear (White) wire plugs in here