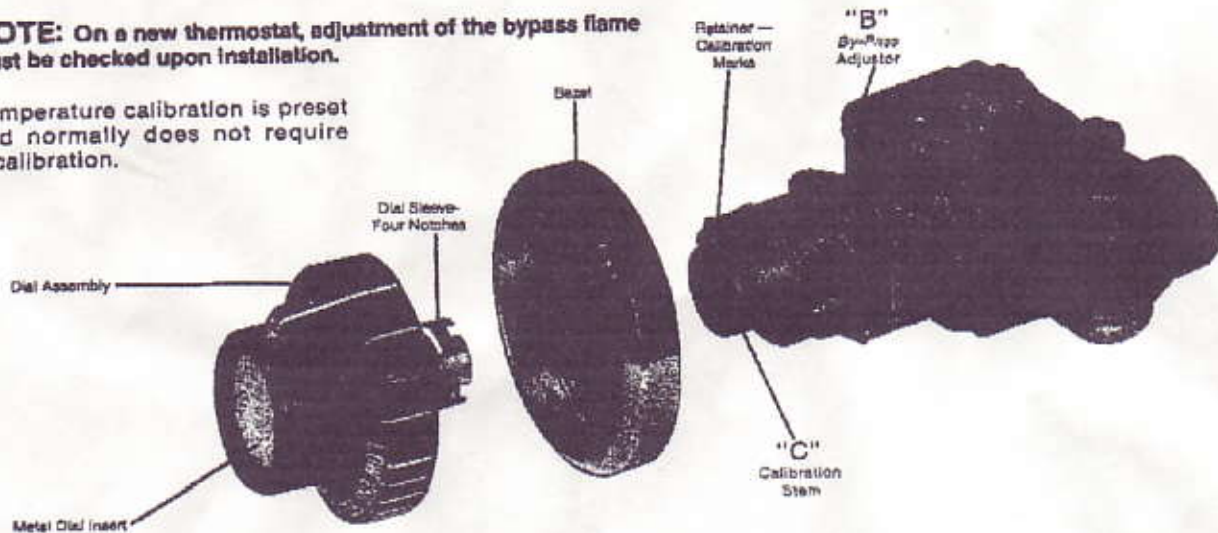


ATTN  
JOSH.

## TEMPERATURE ADJUSTMENTS FOR ROBERTS GRIDDLE & OVEN THERMOSTATS

**NOTE:** On a new thermostat, adjustment of the bypass flame must be checked upon installation.

Temperature calibration is preset and normally does not require recalibration.



### READ ALL INSTRUCTIONS BEFORE ATTEMPTING ADJUSTMENTS OR CALIBRATIONS

#### STEP 1: ADJUST BY-PASS

#### STEP 2: CHECK TEMPERATURE, CALIBRATE IF NECESSARY.

#### TO ADJUST BY-PASS

When the appliance reaches the temperature at which the dial is set, the control cuts down the flow of gas to the amount required to keep the appliance at that temperature. Always, however, the control must by-pass enough gas to keep the entire burner lit. To maintain this minimum flame, the by-pass must be set carefully and accurately, as follows:

1. Turn dial to 300 degrees.
2. After 10 minutes, turn dial down to position marked "LO".
3. Without turning, pull dial and chrome bezel straight off.
4. Locate "B" by-pass adjuster screw.  
**NOTE: Do not tamper with "C" calibration screw. Turning "C" screw will void the warranty.**
5. Turn "B" screw to adjust flame on burner to correct height.  
1/8th" flame for OVEN.  
Less than 1/8th" flame for GRIDDLE.
6. Replace bezel and dial, turning the dial clockwise until it locks in the "OFF" position.

#### TO RECALIBRATE TEMPERATURE

Recalibration should not be undertaken, however, until the by-pass flame has been adjusted.

To check GRIDDLE temperatures when recalibrating use a test instrument with a disc type thermocouple for surface temperature checking.

To check OVEN temperatures when recalibrating, use a test instrument or a reliable mercury thermometer. Place the thermocouple of test instrument or the thermometer in the middle of the oven.

1. Remove the dial and push out metal insert.
2. Replace dial, turn to 300 degrees.
3. After burner has been on about 15 minutes turn dial up to 350 degrees.
4. Watch the burner flame. As the appliance approaches the set temperature the flame will lower to the low by-pass flame set earlier.
5. At this time the temperature of the appliance should match the dial temperature setting.

**If the temperatures do not match, do the following:**

6. Hold dial firmly, insert screw driver through center of dial and push "C" screw calibration stem inward. **DO NOT TURN THIS STEM.**
7. While holding "C" screw calibration stem in firmly with screw driver, turn dial until it is set at the actual temperature as shown by your test instrument. Release pressure on stem and replace dial insert.



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