



# Viking VDSC305 Oven Thermostat Replacement

How to replace thermostat part PJ030003 in Viking oven model VDS305

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## TOOLS:

- [Phillips 3 Screwdriver](#) (1)
- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
- [Leather Work Gloves](#) (1)



## PARTS:

- [Thermostat PJ030003](#) (1)

## Step 1 — You might need a thermostat



- The problems I had included: Oven light not turning off, wrong temperature during bake, no self-clean function, oven shuts off after pre heat. If you have some or all of these issues, your thermostat might need replacing. It is certainly worth the effort to keep this nice oven working.

## Step 2 — Find the serial number and date code



- The model number and serial number are located on a sticker next to the left rear burner. The first 6 numbers of the serial number correspond to the month, day, year i.e. 02 31 05.
- If your oven is before 02 02 05, the thermostat part # is PJ030003.
- If your oven is after 02 02 05 the thermostat part # is PJ030031 which you can order from a parts dealer such as [searspartsdirect.com](http://searspartsdirect.com)
- No tools needed here, just remove the burner grates to the left side and the cooking surface pulls up and toward you.

## Step 3 — Order your thermostat

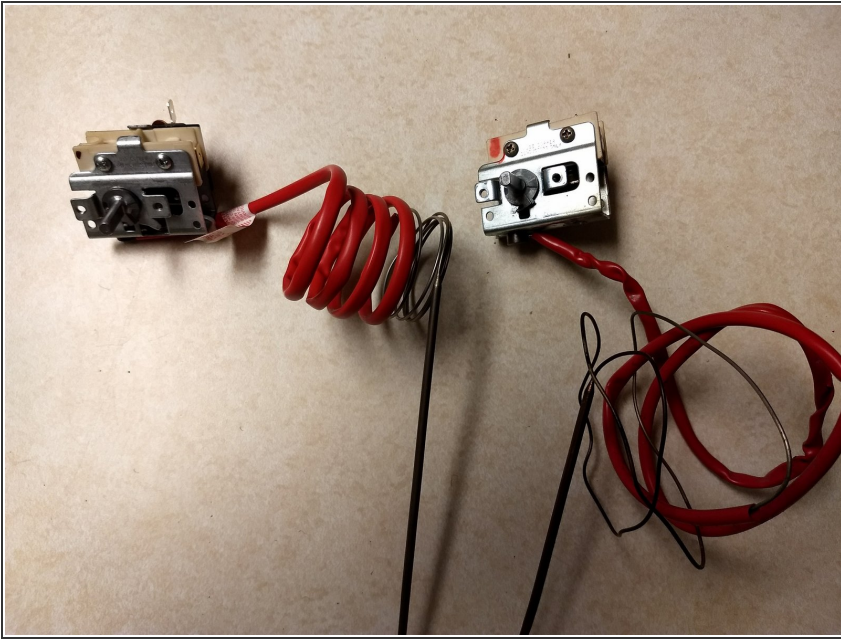


- After researching online, I found a supplier that had the part for a decent price. I went with [searspartsdirect](http://searspartsdirect.com) but you can shop around.
- Highly recommend ordering a NEW thermostat which you will see later. There are components that wear out which directly causes the problem in the first place.

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## Step 4 — Safety First



- Pull the oven away from the wall about a foot and unplug the electrical and shut off the gas.
- You can see the new thermostat on the left and old one on the right for comparison.
- The Red covered line is a vapor filled tube, do NOT cut this line or break it since the liquid inside will react with water (your hands and eyes) make sure to wear gloves and eye protection during removal and installation.

## Step 5 — Remove burners and front panel



- Insert wisdom here.

To reassemble your device, follow these instructions in reverse order.