
SERVICE FLASH

To Be Read During Regular Working Hours

Division 22, Source 790

Kenmore by EHP 24" Gas Self Clean Wall Ovens Poor Combustion

TYPE OF FLASH	MAJOR HEADING	SUB HEADING	JOB CODE & DESCRIPTION
<input checked="" type="checkbox"/> Safety PROC ID: <input checked="" type="checkbox"/> Credit GPT-320	Built-In Wall Oven	General	Repair Per Service

SPECIAL INSTRUCTIONS:**DO NOT ORDER PARTS.** The kit will be shipped directly to the customer.**SPECIAL CALL CLOSE INSTRUCTIONS** at end of Flash.

Kenmore Model Numbers					Serial # Range
790.30472400	790.30473400	790.30473401	790.30474400	790.30479400	NF401xxxxx – NF610xxxxx

CONDITION:

Under certain conditions during prolonged or extended broiling times, gas may build up within the oven cavity and escape as flames when the oven door is opened.

CORRECTION:

To correct this situation install **Kit #628.903077-9010** which will reduce the cooling fan speed in bake and broil modes. In the self-clean cycle the cooling fan will operate at high speed.

NOTES:

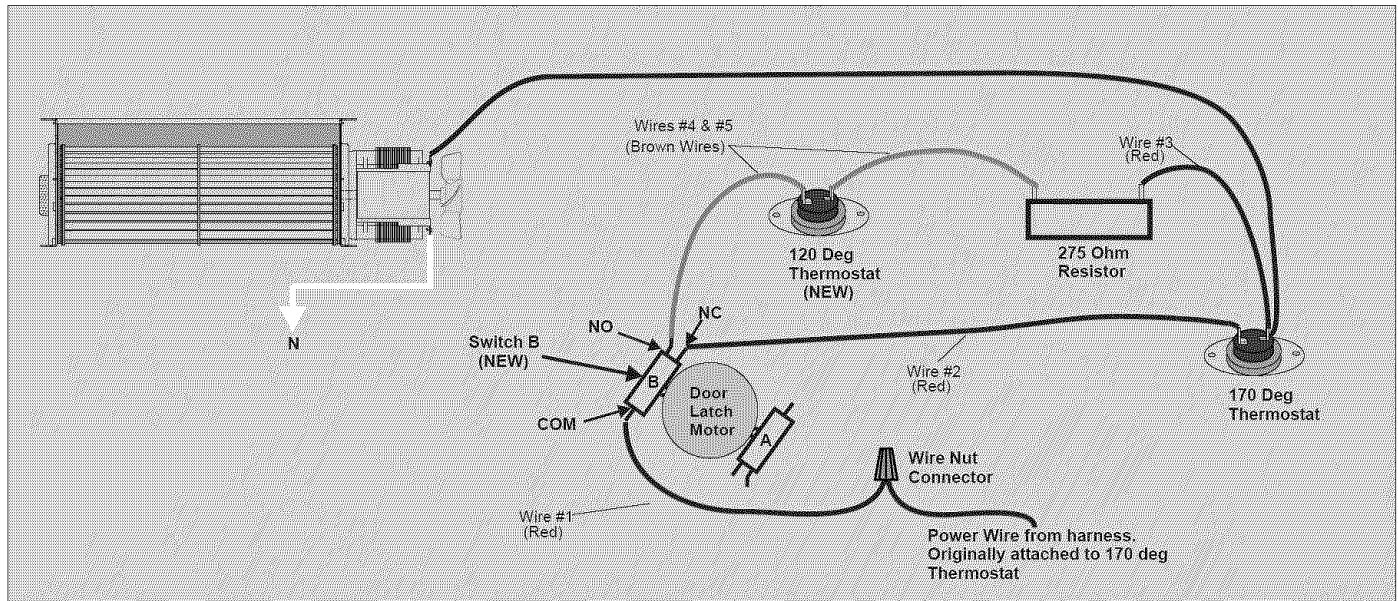
- Models with Serial #s NF611xxxxx and above have incorporated the dual speed operation and do not require this kit.
- Only THIS REPAIR is covered by this Service Flash.
 - If you are on a call for another reason, and the unit falls within the models and serial numbers in this flash, call the Pro-Team @1-888-549-4557 and request another Service Order be created. Advise the customer not to use the broil function until the oven has the kit installed.
 - If repairs other than the repair referenced in this flash are required, an additional Service Order MUST be created.

Parts included in Kit # 628.903077-9010

1 Switch	#318120711	1 Screw	#73201-2140
1 Screw	#73200-2080	1 Wire #1 8in .250/skinned	#318052584
1 Speed Nut	#73204-1650	2 Wire #2&3 8in .250/piggyback	#318052585
1 Thermostat -120°	#318003613	2 Wire #4&5 8in .250/.187	#318052586
2 Screws	#73201-2140	1 Wire Nut Connector	#73213-2290
1 Resistor	#73213-2350	1 Instruction Sheet	#318205012

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Illustration for the kit wiring...

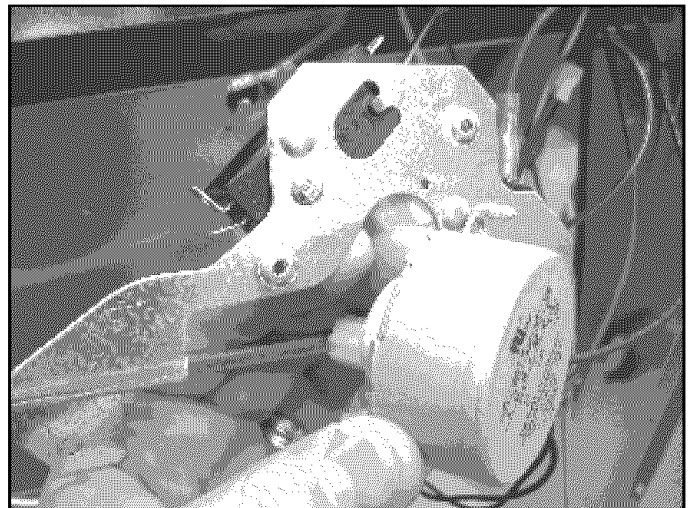
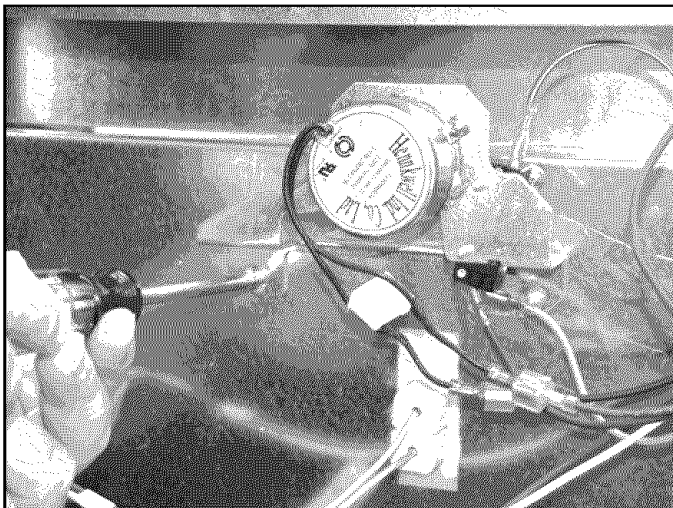


IMPORTANT: Before servicing always remove power from the unit and turn off the gas supply.

Remove the rear panel from the oven. It may also be helpful to remove the top cover for easier access to the thermostat and wires. Follow the steps outlined below to install the kit

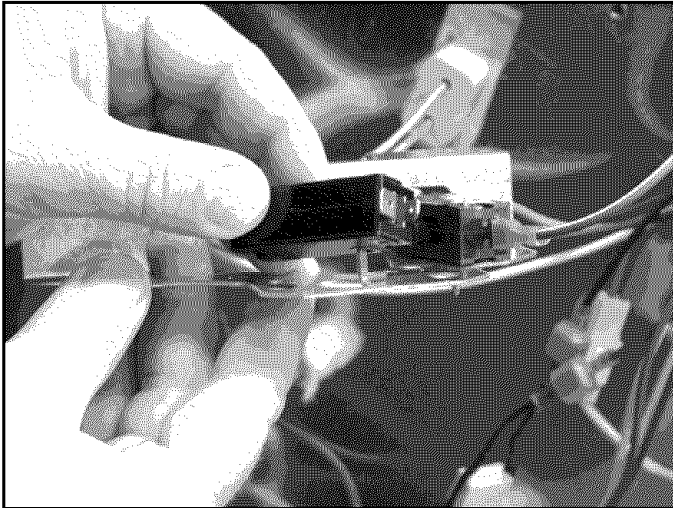
1. Remove the screws securing the lock motor assembly and remove the assembly from the chassis

2. Remove the 2 screws securing the door lock motor and remove it from the mounting bracket



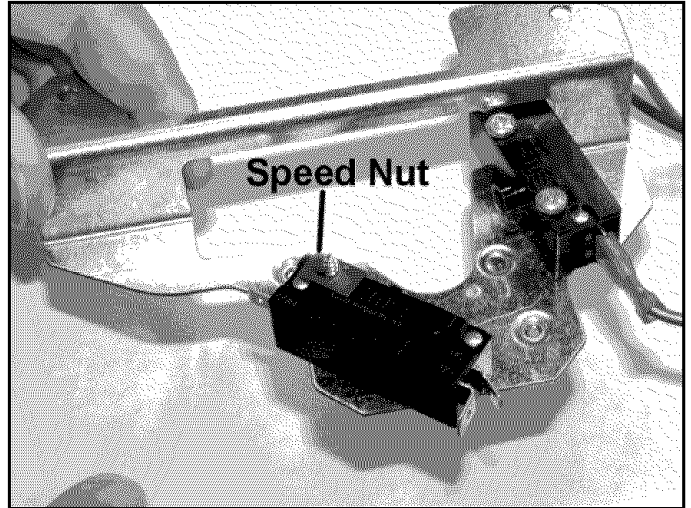
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3. Position the new switch as shown in the photo. The new switch is held in place by a single screw on one end and the tab from the mounting bracket on the other end.

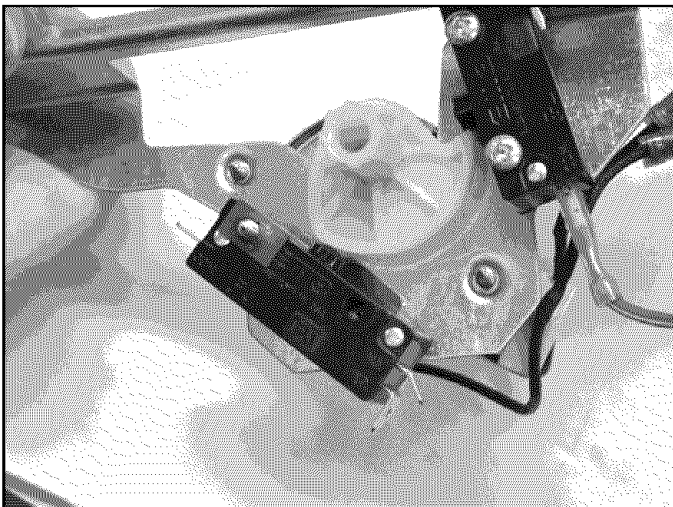


4. Secure the switch with the long screw and speed nut.

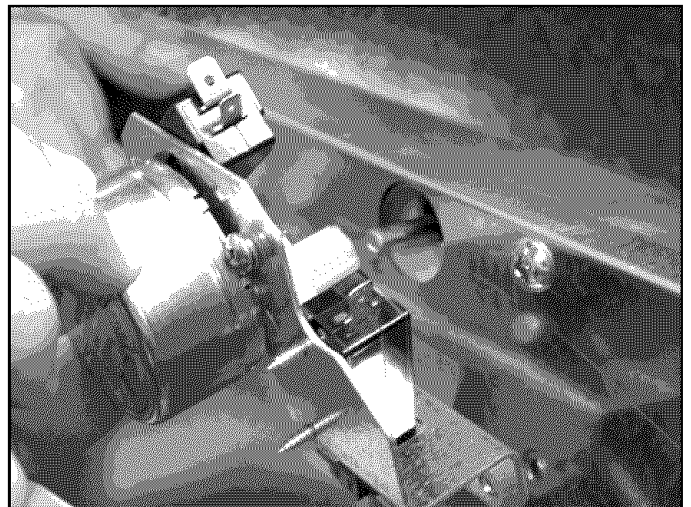
DO NOT OVER TIGHTEN SCREW.



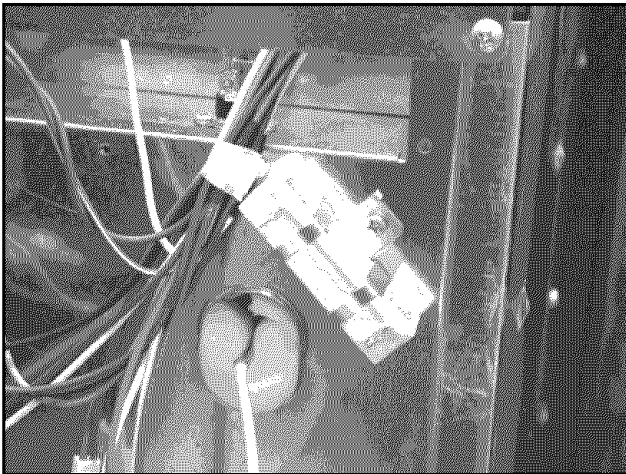
5. Reinstall the lock motor onto the bracket. Make sure that the cam on the motor is pressing the plunger of the new switch.



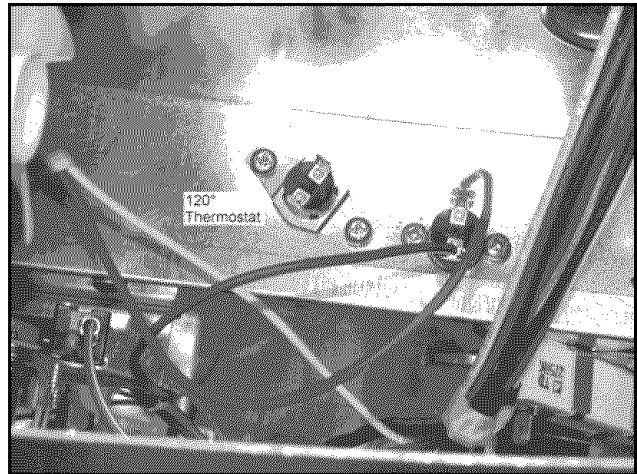
6. Re install the lock motor assembly onto the chassis. Take care to ensure the latch rod is properly inserted into the motor coupling.



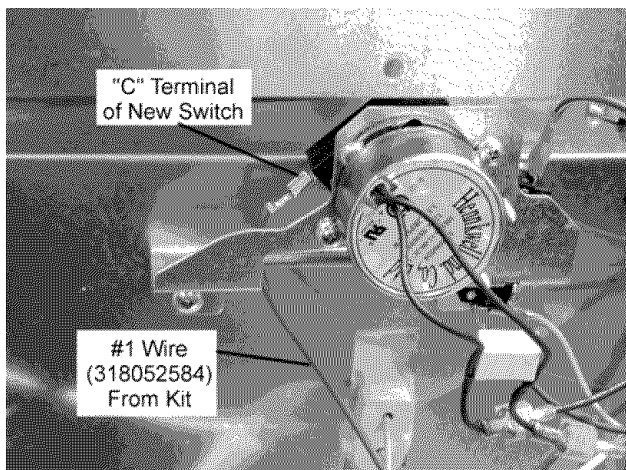
7. Install the resistor on the rear wall as shown in the photo. Carefully punch or drill a starter hole for the screw if necessary.



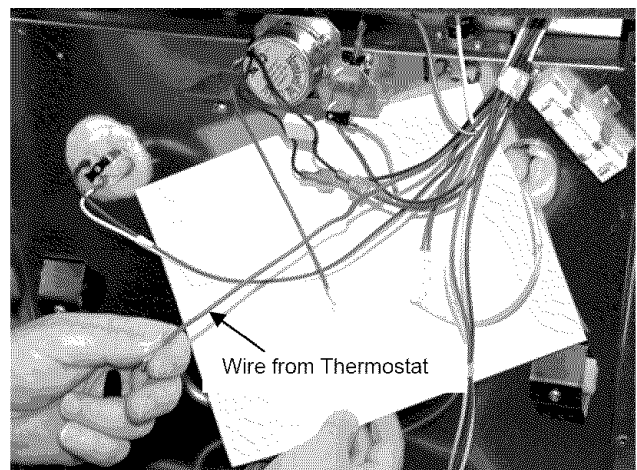
8. Use existing screw holes to install the new 120° thermostat to the left of the existing 170° thermostat. Mark the chassis with an "X" or "120" to identify the new thermostat.



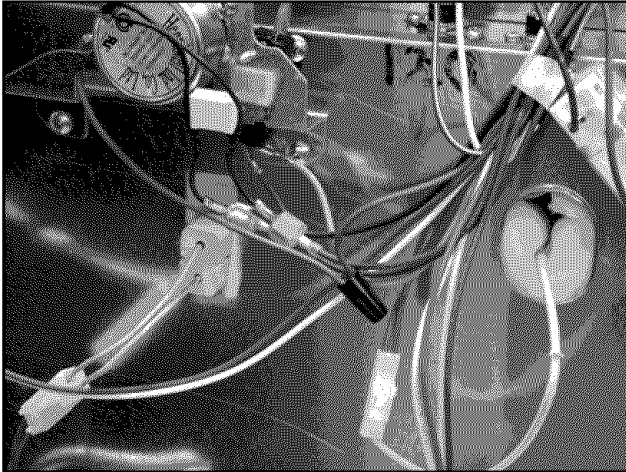
9. Install wire # 1 (318052584) onto the "C" terminal of the new switch. This wire has a push on terminal on one end and is stripped on the other end.



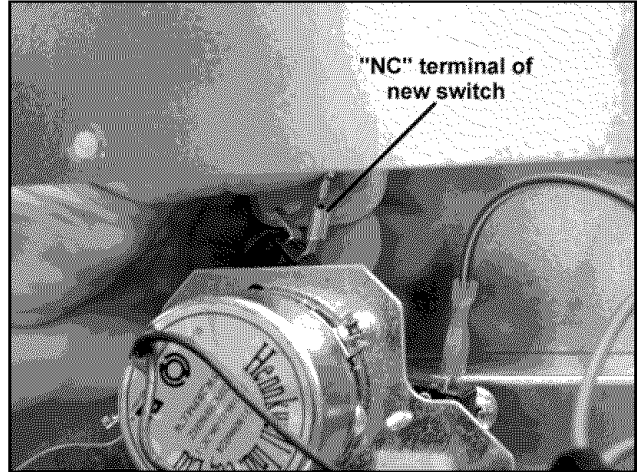
10. Disconnect the power wire from the 170° thermostat, cut off the terminal connector and strip approx. 3/16 inch of the insulation. The power wire is the one that does not connect to the fan motor.



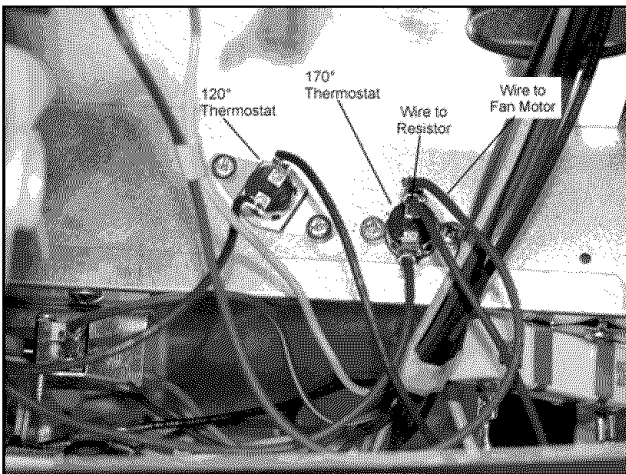
11. Use the wire nut connector provided to connect the power wire that was attached to the 170° thermostat to the #1 wire from the "C" terminal of the new switch.



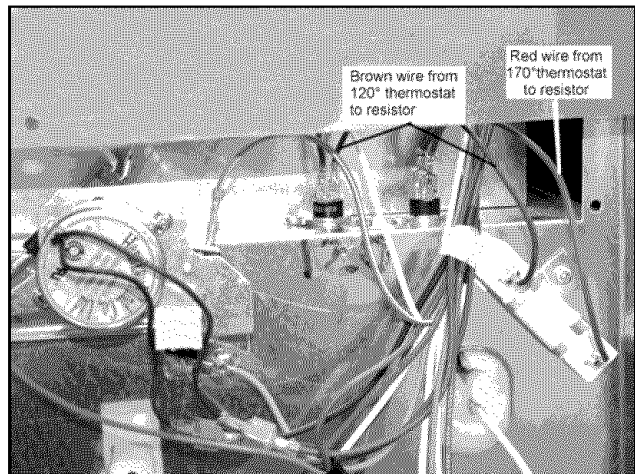
12. Install the #2 (318052585 – Red) wire from the "NC" terminal of the new switch to the open terminal of the 170° thermostat that the power wire previously attached to.



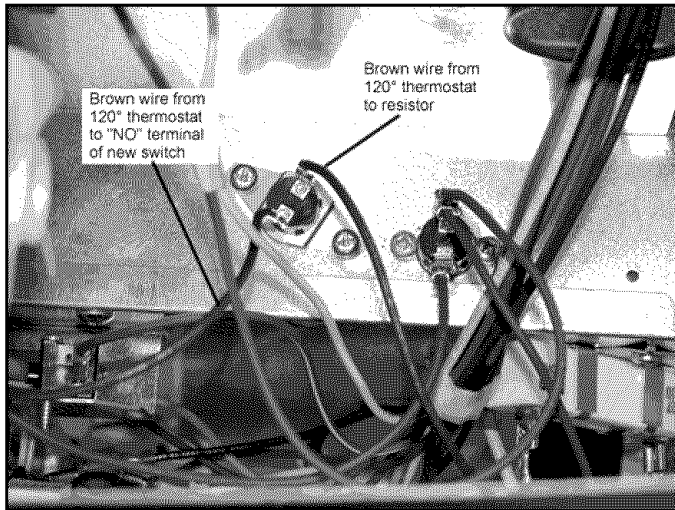
13. Disconnect the wire from the fan to the 170° thermostat. Connect this wire to the piggyback terminal on the #3 (318052585 – Red) wire. Connect these two wires onto the open terminal of the 170° thermostat.



14. Connect the other end of the red #3 wire to the resistor. Connect the #4 (318052586-Brown) wire to one terminal of the 120° thermostat. Connect the other end to the resistor.



15. Connect the #5 (318052586 - Brown) wire to the remaining terminal of the 120° thermostat. Connect the other end to the "NO" terminal of the new switch



PARTS: Order parts using the normal ordering procedure.
Division 22, Source 628, Part number #903077-9010

- Truck Stock Not Recommended
- Order Part (see below)

SPECIAL SERVICE ORDER CLOSE INFORMATION:

In Order for the Service Unit to receive proper credit, the service order **MUST** contain the following information.

- Complete model and serial numbers
- Close the call using "PAYROLL TRANSFER" (50/950)
- **Type "Repair per Service Flash" in Tech Comments field**
- Always include the part number on each Service Order

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