



Repairing a Bent Oven Door that Won't Close

A design flaw makes the oven door bend, which allows oven heat to make the stove front dangerously hot and may cook the control panel. Disassembly of the door, straightening it, and reinforcing it with 3/4 inch steel angles provides a permanent fix.

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INTRODUCTION

Guide tells where to find the door diagram and gives suggestions for quick repair (with a rolled up tee-shirt!). Following that are hints on door removal and disassembly and a description of the reinforcement steel angles and where to attach them.



TOOLS:

- [64 Bit Driver Kit](#) (1)
- [Slip Joint Pliers](#) (1)
- [Cordless Drill](#) (1)
- [Hacksaw](#) (1)



PARTS:

- [10-32 machine screws, nuts, fender washers, 36 inch piece of 3/4 inch steel angle.](#) (1)

Step 1 — Repairing a Bent Oven Door that Won't Close



- If your stove has a burning-hot control panel when the oven is on, take a look down the edges of the door to see if it has a bend that keeps the top edge from closing tightly when the bottom part of the door is fully closed.
- (A search for this problem online will find several stories from people who had had the door and/or control panel replaced at great expense, only to have the problem come back. Also melted knobs!) Your problem may be a dangerously hot area above oven door and slow cooking. One might as well try to fix it before buying a new stove.
- This repair is pretty easy but you've got to be careful laying out all the parts as you take the door apart so all parts go back in right-side-up when you put it back together.
- Tools needed: Hacksaw (to cut the steel angle), drill (to drill the angles and the door panel), screwdriver (to take the door apart and attach angle), wrench or pliers (to hold nuts when screwing on the angles).

Step 2



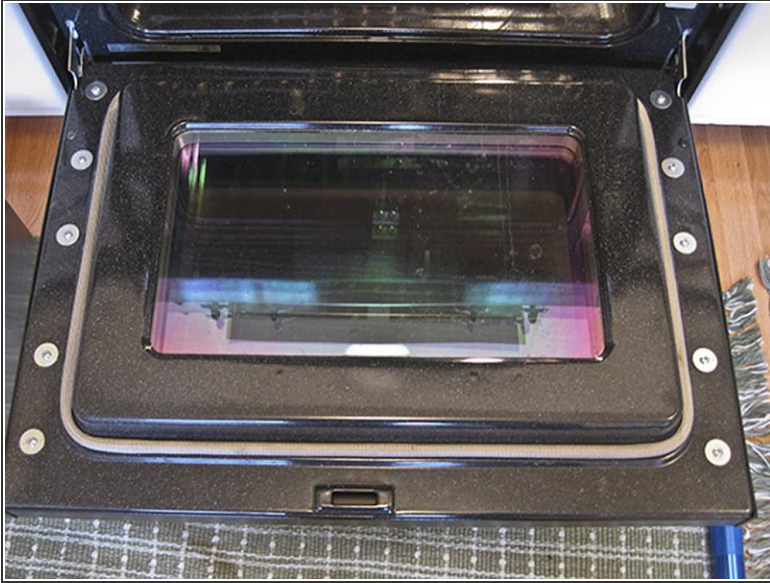
- Searching online for "Amana ACS3350 oven door won't close", and "Amana ACS3350 oven door diagram" finds this [fixya thread](#):
 - The tee shirt suggestion-- actually, the first answer says "tesher" but the second guy translates it as teeshirt. Bending the door back into shape by that method will fix it until it bends again. The holes drilled in the edges of the door (hidden by a trim panel) just above the top of each hinge makes it prone to bend.]
- As well as [this Epinions review](#). The image of the door diagram, not posted here since it may be somebody's intellectual property.

Step 3



- The door lifts off the hinges. If you've got the stove owner's manual it tells how to remove door. (Open door partly and pull it up.) Looking at the diagram and carefully laying parts out so as to be able to get them back in place later, take the door apart.

Step 4



- Cut two 18 inch long pieces of 3/4 inch steel angle. The angles mount inside the door and are secured with fender washers and 10-32 machine screws. Then reassemble the door, slide it back on the hinges, and you're done!
- An expensive stove with almost useless oven is fairly easy to fix! The front panel still gets pretty hot, but not so hot that you're burned if you touch it. The oven gets to temperature and the cooking person who uses recipes no longer complains about super-long cooking times.

Fini!