

INSTALLATION INSTRUCTIONS

ABC Combi Ovens - Door-to-Control Panel Alignment

Service Kit Instructions

CONTROL PANEL / DOOR ALIGNMENT

NOTICE Any time the control panel or the door is removed from the ABC Combi Oven for stacking or servicing, the alignment between the two must be checked and adjusted as needed.

**After installing this component,
CHECK THE ALIGNMENT
(between control panel and door)
and ADJUST as needed.**

TOOLS

Go / No-Go Gauges

1. No-Go Gauge - .200"

- Use .032", .030", .028", .025", .022", .020", .018", .015", and .010" feeler gauges to make a .200" No-Go gauge.



Fig. 1

2. Go Gauge - .119"

- Use .032", .030", .028", .025" and .004" feeler gauges to make a .119" Go gauge.

ALIGNMENT CHECKS

1. Visually check to see if control panel (1, Fig. 3) is flush with the frame (2, Fig. 3) of the oven along the top (Fig. 2) and side. Not with the top trim (3 Fig. 3).

Front / Top View



Fig. 2

Side View

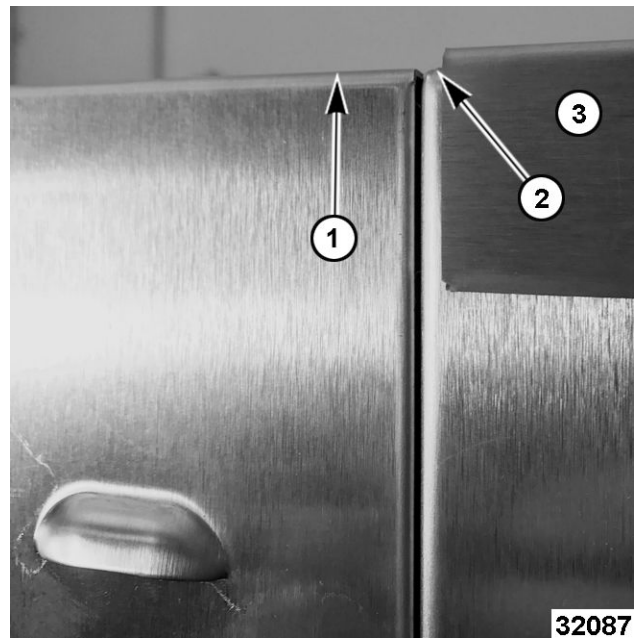


Fig. 3

2. Verify door alignment to control panel with straight edge.



Fig. 4

3. Verify door spacing is correct.

A. Insert the Go gauge (.119") above and below plunger within the black handle bezel area.

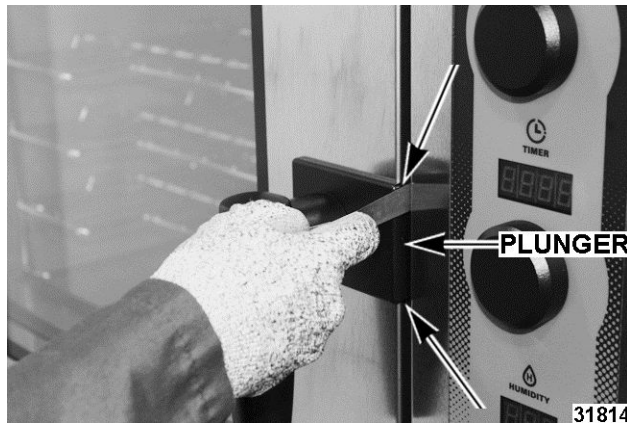


Fig. 5

B. Insert No-Go gauge (.200") above and below plunger within the black handle bezel area.

4. If oven failed any alignment checks, do the following adjustments.

- Visual alignment check of the control panel failed, perform Control Panel Adjustment.
- Visual alignment check of the door failed, perform Door Adjustment.
- Go/No-Go gauge check failed, perform Door Adjustment.

NOTICE All three alignment checks must pass before checking door operation.

5. Verify door operates correctly.

A. Check that the door comes to about an inch from closing before it compresses gasket.

B. Verify door closes without slamming.

C. Handle should turn smoothly with little effort to unlatch.

CONTROL PANEL ADJUSTMENT



WARNING Disconnect the electrical power to the machine and follow lockout / tagout procedures.

1. Remove right panel.

A. Remove four right panel screws.

B. Lift right panel up and back using handles.

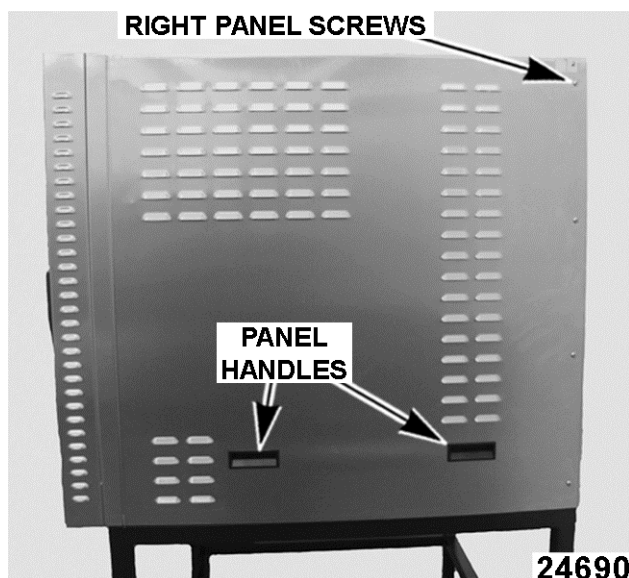


Fig. 6

2. Slightly loosen six screws securing control panel.



Fig. 7

NOTE: Only loosen screw enough that the alignment of the control panel can be adjusted with some effort.

3. Adjust the control panel (1, Fig. 9) until it is flush with the frame (2, Fig. 9) of the oven along the top (Fig. 8) and side. Not with the top trim (3, Fig. 9).

Front / Top View



Fig. 8

Side View

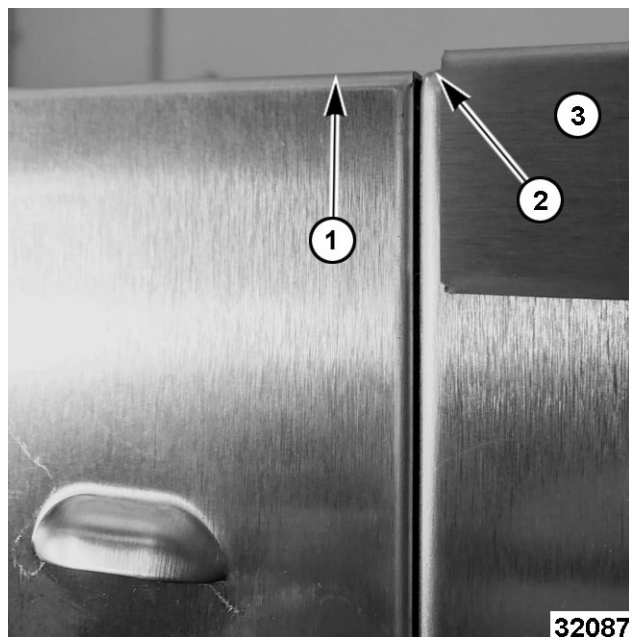


Fig. 9

4. Tighten screws securing control panel at 24 in. lbs.
5. Repeat all three Alignment Checks.

DOOR ADJUSTMENT

1. Loosen top and bottom hinge screws slightly to allow door to move.



Fig. 10

2. Adjust door (1, Fig. 11) so top is flush with control panel (2, Fig. 11).

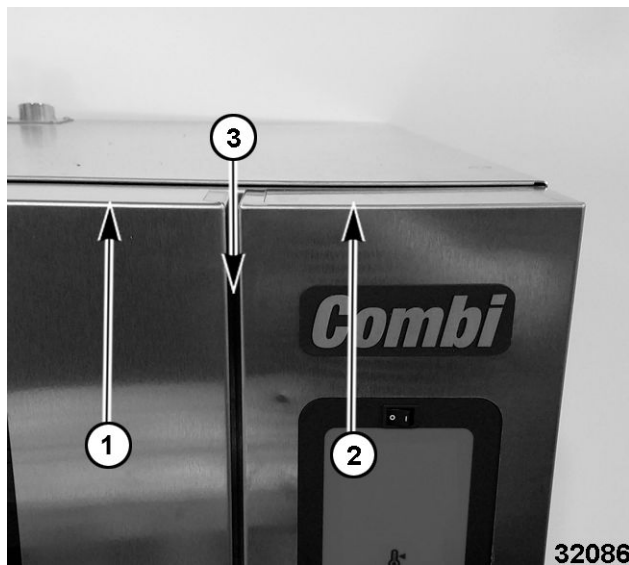


Fig. 11

NOTE: Keep in mind you must keep the proper distance between the door and control panel (3, Fig. 11) for Go/No gauge to pass.

3. Tighten door hinge screws at 75 in. lbs.
4. Repeat all three Alignment Checks.