

Installation Instructions

Dry Enhancement Kit

WD35X10394 1/4

February 2013

Dishwasher Dry Performance

Verify proper heater operation, check for error codes in diagnostic error mode, including thermostat and/or wash temperature error codes. Enter service mode to test heater operation. Full directions to enter diagnostic and service mode can be found in service guide 31-9226 or the dishwasher's mini-manual.

If none of the above issues apply, follow all steps in these instructions.

Models:

GDF510P_D0

Parts Included:

This kit includes all parts needed for the above model.

- Main control board WD21X10530
- Vent cover
- Foam strip (black in color)
- Door harness wire tie (may not be needed)
- Installation Instructions WD00X1019

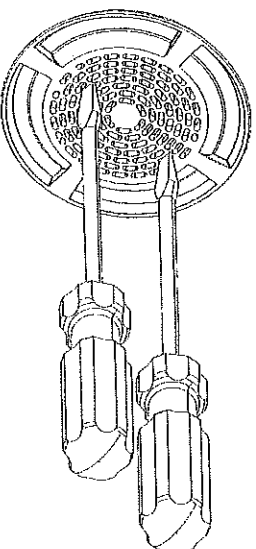
Tools You Will Need:

- 1/4" Nutdriver
- T15 Torx screwdriver
- Hinge locking tool (see service guide 31-9226)

Step 1 – Remove Power from the Dishwasher

Step 2 – Remove Inner Door Vent Cover

- To remove inner door vent cover, use 2 pocket screw drivers, turn counter clockwise (Consult Service Guide 31-9226 or Mini-manual). Old vent cover should be discarded.



Step 3 – Remove complete Door assembly

- Consult Service Guide 31-9226 or Mini-manual for door removal process.
- A new wire tie for the door wire harness is included in the kit. Should the original tie become damaged, it must be replaced.

Step 4 – Separate the Door

- Consult Service Guide 31-9226 or Mini-manual for door separation process.



Step 5 – Remove Front Control Console

- Remove the front control console from the inner door assembly, consult Service Guide 31-9226 or Mini-manual.

Step 9 – Re-assemble Inner to Outer Door Panels

- Reverse the dis-assembly procedure in the Service Guide or mini-manual, make sure all tabs are aligned and appearance of gaps is correct.

Step 6 – Remove Vent Conduit

- Remove the 2 – T15 Torx screws to remove the vent conduit from the front console.
- Vent conduit can now be removed.

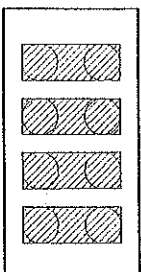
Step 10 – Install new Main Control Board Control

- Details on main control access can be found in either Service Guide 31-9226 or Mini-manual
- Verify correct model personality is set properly, keys/buttons and LED's will not function until appropriate personality is selected.

Step 7 – Install Foam Strip

This strip eliminates condensation pooling in the outer vent area and must be installed.

- Make sure the vent area of the front control console is clean and dry.
- Remove the protective paper from the foam strip.
- Place the foam strip on the bottom of the vent area of the console.

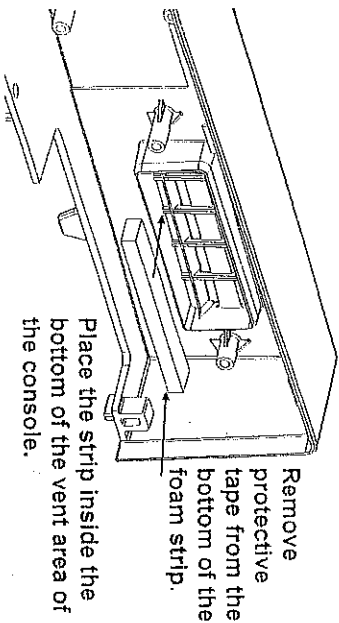


Step 11 – Re-install Door

- Reverse door removal process to re-install the door and connect the door wire harness.

Step 12 – Install new Vent Cover

- Install the new vent cover on the inner door to vent conduit. This new vent cover allows more air flow.



Step 8 – Re-assemble Vent Conduit

- Carefully insert the vent conduit back into the vent area of the front control, using care not to damage the newly installed foam strip.
- Reinstall 2 – T15 Torx screws

Step 13 – Test Operation

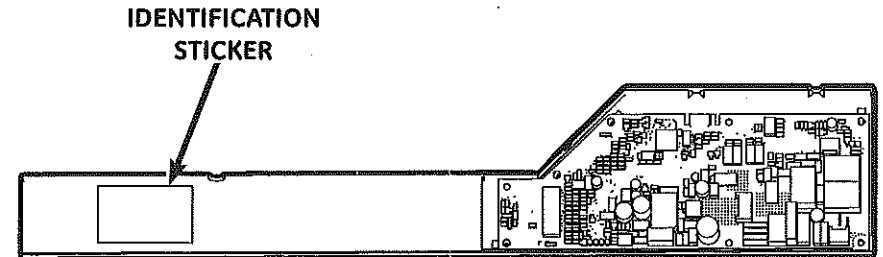
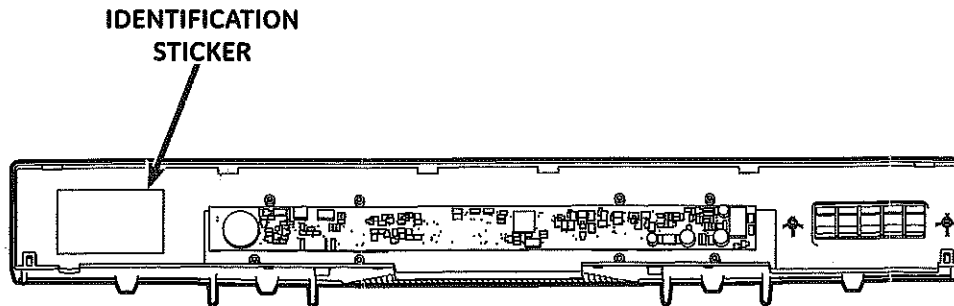
- Re-apply power, verify control and dishwasher operation.

ATTENTION

Configure personality header BEFORE installing replacement control into unit

Directions for control board replacement:

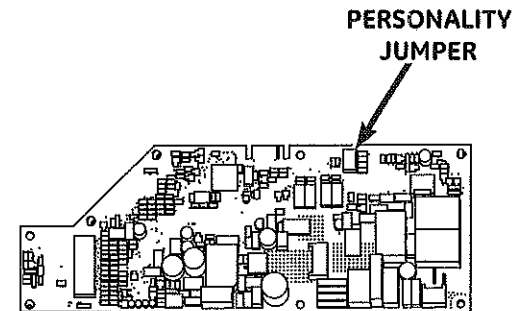
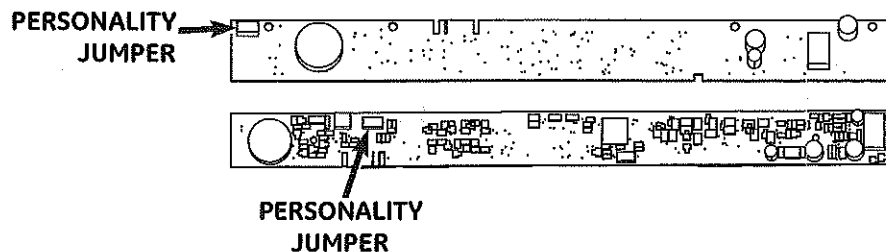
- 1.) Identify the jumper configuration for the replacement control board. Configuration is located either:
 - A.) On the Identification Sticker near the control board to be replaced.



-OR-

- B.) On the table located on the back of this page.

- 2.) BEFORE installing, verify that the personality jumper setting on the board you are replacing matches the configuration selected in Step 1. If it does not, move accordingly.



- 3.) Install replacement control into unit.
- 4.) Validate board functionality.

NOTE: Keys/buttons and LEDs will not function until an appropriate personality is selected.

Select the User Interface Appearance which best fits the unit you are servicing.

CONTROL TYPE	USER INTERFACE APPEARANCE	MODEL NUMBER*	USER INTERFACE BOARD JUMPER CONFIGURATION	MACHINE CONTROL JUMPER CONFIGURATION
FRONT		GDF510	NOT APPLICABLE	PERSONALITY 15 8 4 2 1
FRONT		GDF520	PERSONALITY 15	NOT REQUIRED
TOP		GDT530	PERSONALITY 13	NOT REQUIRED
TOP		GDT550	PERSONALITY 14	NOT REQUIRED

* Derivative or special models may not be included in the model table.

Select Jumper configuration based off Identification Sticker in unit or closest User Interface Appearance shown above.