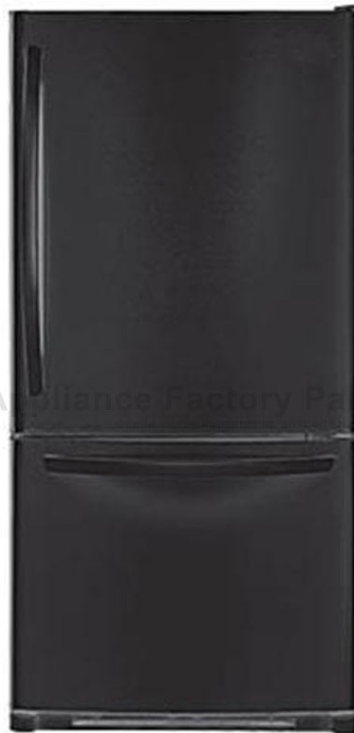


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LG 78272 Owner's Manual

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* The color vary in each model

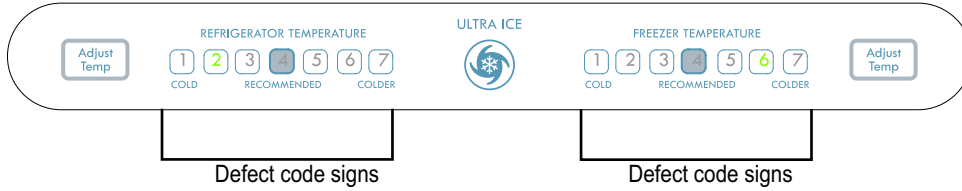
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----- Manual continues below -----

FAILURE DIAGNOSIS TABLE

Defect Diagnosis Function

1. Automatic diagnosis makes servicing the refrigerator easy.
2. When a defect occurs, the buttons will not operate; but the tones. such as ding. will sound.
3. When the defect CODE removes the sign, it returns to normal operation (RESET).
4. The defect CODE shows on the Refrigerator and Freezer Display.



ERROR CODE on display panel

● LED OFF LED ON ○

No.	ITEM		ERROR INDICATION	CONTENTS	REMARKS
1	Failure of Freezer Sensor	All Off	● ○ ○ ○ ○ ○ ○ ○	Cut or short circuite wire	Inspect Connecting Wires on each sensor
2	Failure of Refrigerator Sensor	All Off	○ ● ○ ○ ○ ○ ○ ○ ○	Cut or short circuite wire	
3	Failure of Defrost Sensor	All Off	○ ○ ○ ● ○ ○ ○ ○ ○	Cut or short circuite wire	
4	Failure of Defrost Mode	All Off	● ● ● ● ○ ○ ○ ○	When defrost sensor does not reach 8 °C within 1 hour after starting defrost	Snapping of defrost heater or temperature fuse, pullout of connector (indicated minimum 2h after failure occurs)
5	Failure of BLDC fan motor at freezing compartment	All Off	● ● ● ● ● ○ ○ ○	If there is no fan motor signal for more than 115s in operation fan motor	Poor motor, hooking to wires of fan, contact of structures to fan, snapping or short circuit of Lead wires.
6	Failure of Icemaker Kit	All Off	○ ○ ○ ○ ○ ● ○ ○	Failure of wires such as motor in I/M KIT, GEAR, HALL IC.	When the ice ejecting does not operated on pressing the I/M TEST S/W
7	Failure of Icemaker Sensor	All Off	○ ○ ○ ○ ○ ○ ● ○	Snapping or short circuit of ice making sensor.	Connecting Wire Test On Sensor

Primary Error: F sensor, R1 sensor, D sensor, defrost errors, F-FAN errors.

Secondary Error: I / M sensors, I / M Kit

When an error occur the first 3 hours the Primary Error and Secondary Error is indicated in the display check mode (Pressing refrigerator and freezer temperature control button at the same time more than one second). After the 3 hours and if the error is still present the Primary Error will show in the display automatically (See Note 1) and the Secondary Error is indicated in the display check mode.

Note1: In the Primary Error after 3 hours of the error occurs all display lights turn OFF except the Freezer Temperature (Trouble Code Index) indicating the failure mode.

*LED check function: When there's no error, when the refrigerator temperature control and the freezer temperature control button at the same time are hold for 1 second or longer, Every LED on the display turns on at the same time when the button are released, the previous mode is restored.

PCB TEST BUTT

TEST Mode

1. The Test mode allows checking the PCB and the function of the control panel when an error.
2. The test mode is operated by pressing two buttons at the same time over 3 seconds.
3. While in the test mode, the function control button is not operated.
4. After exiting the test mode, be sure to reset by unplugging the power cord.
5. If an error, such as a sensor failure, is detected while in the test mode, the error code is displayed.
6. While an error code is displayed, the test mode will not be entered.

MODE	OPERATION	REMARKS
TEST 1	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds	1. Continuous display of error code 2. Continuous display of error code 3. STEPPING MOTOR 4. Defrosting 5. Every Display
TEST 2	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds in TEST MODE 1	1. COMPRESSOR 2. Freezer Fan 3. STEPPING MOTOR 4. Defrosting 5. DISPLAY
RESET	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds in TEST MODE 2	1. Reset to normal operation

NOTE

LED CHECK MODE: When the ADJUST KEY of Refrigerator and Freezer Temperature control buttons are hold for 1 second or longer, every LED on the display turns on at the same time and the test mode is restored

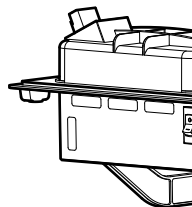
* Freezer Fan RPM Variable Check

In case the freezer fan is in operation when the ADJUST KEY of Refrigerator and Freezer Temperature control buttons are hold for more than one second at the same time freezer fan RPM changes to high speed for 30 seconds). After 30 seconds it turns to normal speed.

* Demonstration MODE

1. When the ADJUST KEY of refrigerator Temp. control button and Freezer Temp. control button are hold for 1 second or longer, it converts to demonstration mode.
2. In this status, each LED is rotated with 1 second interval.
3. In this status, all loads are off (compressor/fan/damper). The defrosting function works normally and can be demonstrated).
4. It reset if you do again as clause.

ICEMAKER



1. ICEMAKER

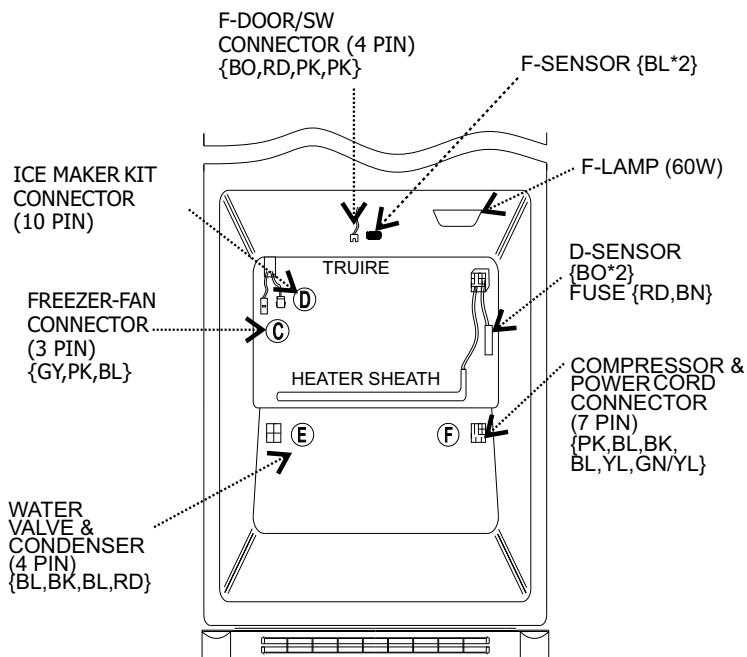
Test Control



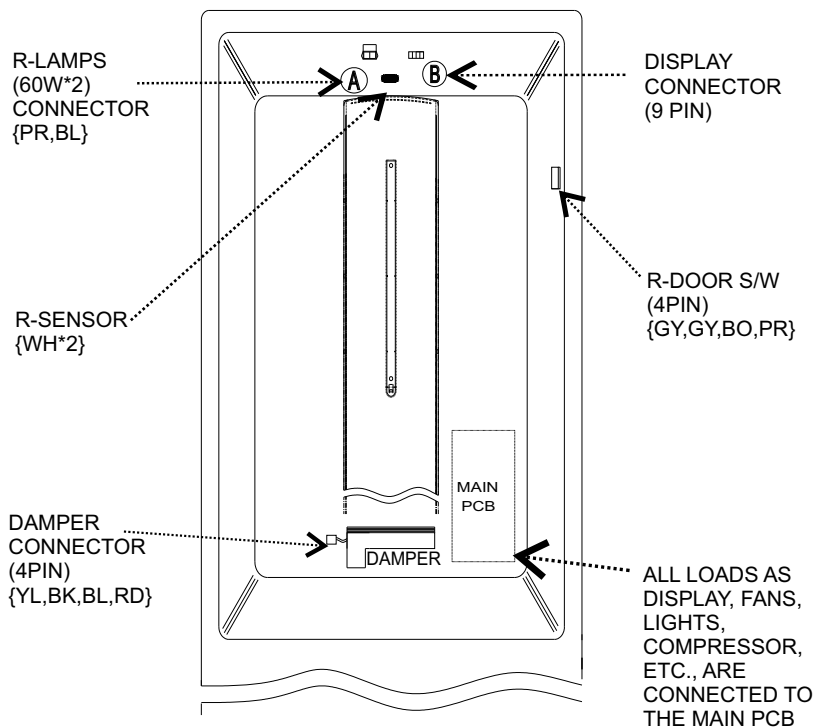
• To operate LINE and SERVICE MODE, hold the Test Control button for 3 seconds. The icemaker will operate in the following sequence: Harvest → Fill → Icemaking

IMPORTANT DO NOT DESTROY
WIRING DIAGRAMS, SERVICE AND PARTS INFORMATION INCLUDED
REPOSITION TO ORIGINAL LOCATION

FREEZER COMPARTMENT



REFRIGERATOR COMPARTMENT



B
Y
S
B