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# LG 79009 Owner's Manual

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\* The color vary in each model

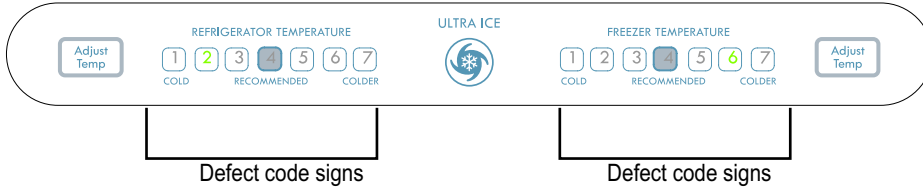
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----- Manual continues below -----

## 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 OFFLED ON ○

NO	ITEM		ERROR CODE							CONTENTS	REMARKS
1	Failure of freezer sensor	All off	●	○	○	○	○	○	○	Cut or short circuit wire	Inspect Connecting wires on each sensor
2	Failure of Refrigerator sensor	All off	○	●	○	○	○	○	○	Cut or short circuit wire	
3	Failure of defrost sensor	All off	○	○	●	○	○	○	○	Cut or short circuit wire	
4	Poor of defrost	All off	●	●	●	●	○	○	○	2 hours later after starting defrost, If sensor doesn't be over 46°F (8°C)	Snapping of defrost heater or temperature fuse, pull out of
5	Failure of BLDC fan motor at freezing compartment	All off	●	●	●	●	●	○	○	If there is no fan motor signal, for more than 65s. In operation fan motor	Poor motor, hocking to wires of fan, contact of structures to fan, snapping or short lead.

## PCB TEST BUTT

### TEST Mode

1. The Test mode allows checking the PCB finding out the defective part in case of...
2. The test mode is operated by pressing...
3. While in the test mode, the function code recognition tone (beep~) sounds.
4. After exiting the test mode, be sure to...
5. If an error, such as a sensor failure, is cleared and the error code is displayed...
6. While an error code is displayed, the...

MODE	OPERATION	
TEST 1	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds	1. Continuo 2. Continuo 3. STEPPIN 4. Defrostin 5. Every DIS
TEST 2	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds in TEST MODE 1	1. COMP O 2. Freezer f 3. STEPPIN 4. Defrostin 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

### NOTE

LED CHECK MODE: When the ADJUST KEY of Refrigerator is held for 1 second or longer, every LED on the display turns on. When the ADJUST KEY is released, the mode is restored.

### \* Freezer Fan RPM Variable Check

In case the freezer fan is in operation when the ADJUST KEY is held for more than one second at the same time freezer fan RPM changes (low speed for 30 seconds, high speed for 30 seconds). After 30 seconds it turns to its normal speed.

### \* Demonstration MODE

1. When the ADJUST KEY of refrigerator Temp. control is held 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/defrost heater). The defrost off function works normally and can be demonstrated.
4. It resets if you do again as clause.

TEST SELECTOR SWITCH

### 1. ICEMAKER

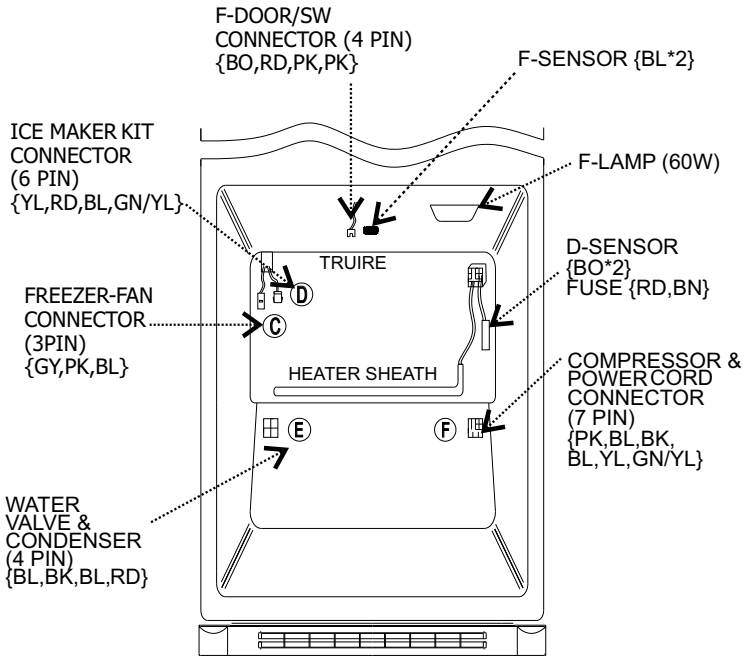
Test Control



- Press and hold the Test button 3 seconds
- It operates in the following steps:

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

**FREEZER COMPARTMENT**



**REFRIGERATOR COMPARTMENT**

