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LG 79002
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.

Defect code signs Defect code signs

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 46ºF (8ºC)	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 P
   finding out the defective part in case c
2. The test mode is operated by pressing
3. While in the test mode, the function c
   recognition tone (beep~) sounds.
4. After exiting the test mode, be sure to
   appliance.
5. If an error, such as a sensor failure, is
   is cleared and the error code is displa
6. While an error code is displayed, the

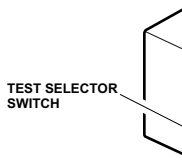
MODE	OPERATION	
TEST 1	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds	1. Continuo 2. Continuo 3. STEPPIN 4. Defrostin 5. Every DI
TEST 2	Push ULTRAICE key and ADJUST KEY of freezer temp. at the same time over 3 seconds in TEST MODE 1	1. COMP O 2. Freezer F 3. STEPPIN 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 Refrigeta
hold for 1 second or longer, every LED on the display turn
mode is restored

* Freezer Fan RPM Variable Check
  In case the freezer fan is in operation when the ADJUST
  than one second at the same time freezer fan RPM chang
  high speed for 30 seconds). After 30 seconds it turns to it
* Demonstration MODE
  1. When the ADJUST KEY of refrigerator Temp. control a
     it converts to demostration mode.
  2. In this status, each LED is rotated with 1 second interva
  3. In this status, all loads are off(compressor/fan/damper/
     off function works normally and can be demostrated).
  4. It reset if you do again as clause.

IC



1. ICEMAKER

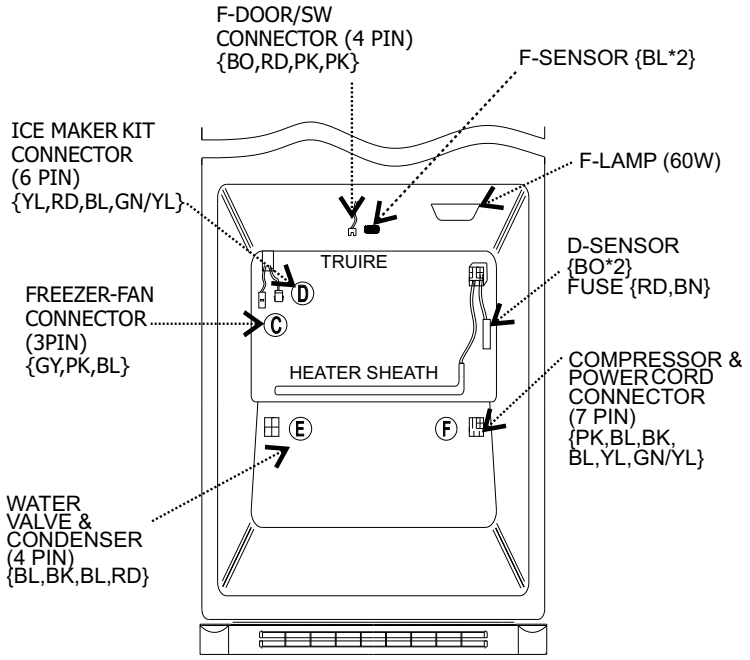
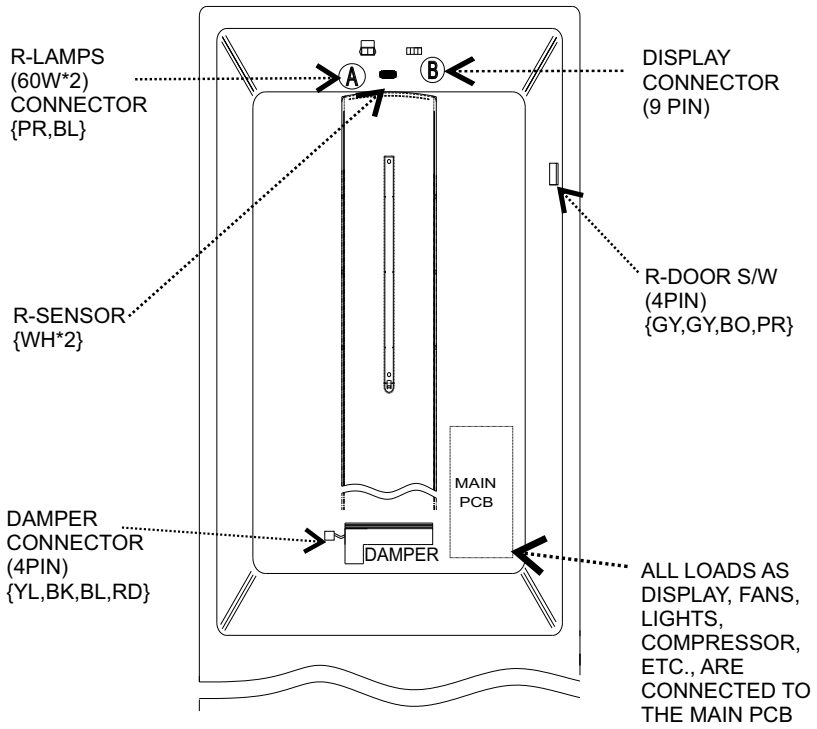
Test Control

• Press and hold the Test button 3 s
• It operates in the following steps: I

IMPORTANT DO NOT DESTROY

WIRING DIAGRAMS, SERVICE AND PARTS INFORMATION INCLUDED
REPOSITION TO ORIGINAL LOCATION

FREEZER COMPARTMENT



REFRIGERATOR COMPARTMENT