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Frigidaire 5304510940

Frigidaire 5304510940 Refrigerator User Interface Assembly Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

Product Overview

The Frigidaire 5304510940 User Interface Assembly is a genuine original equipment manufacturer (OEM) part designed for various Frigidaire refrigerator models. This assembly houses the selection buttons and electronic display, allowing users to control various settings and monitor the status of their refrigerator.

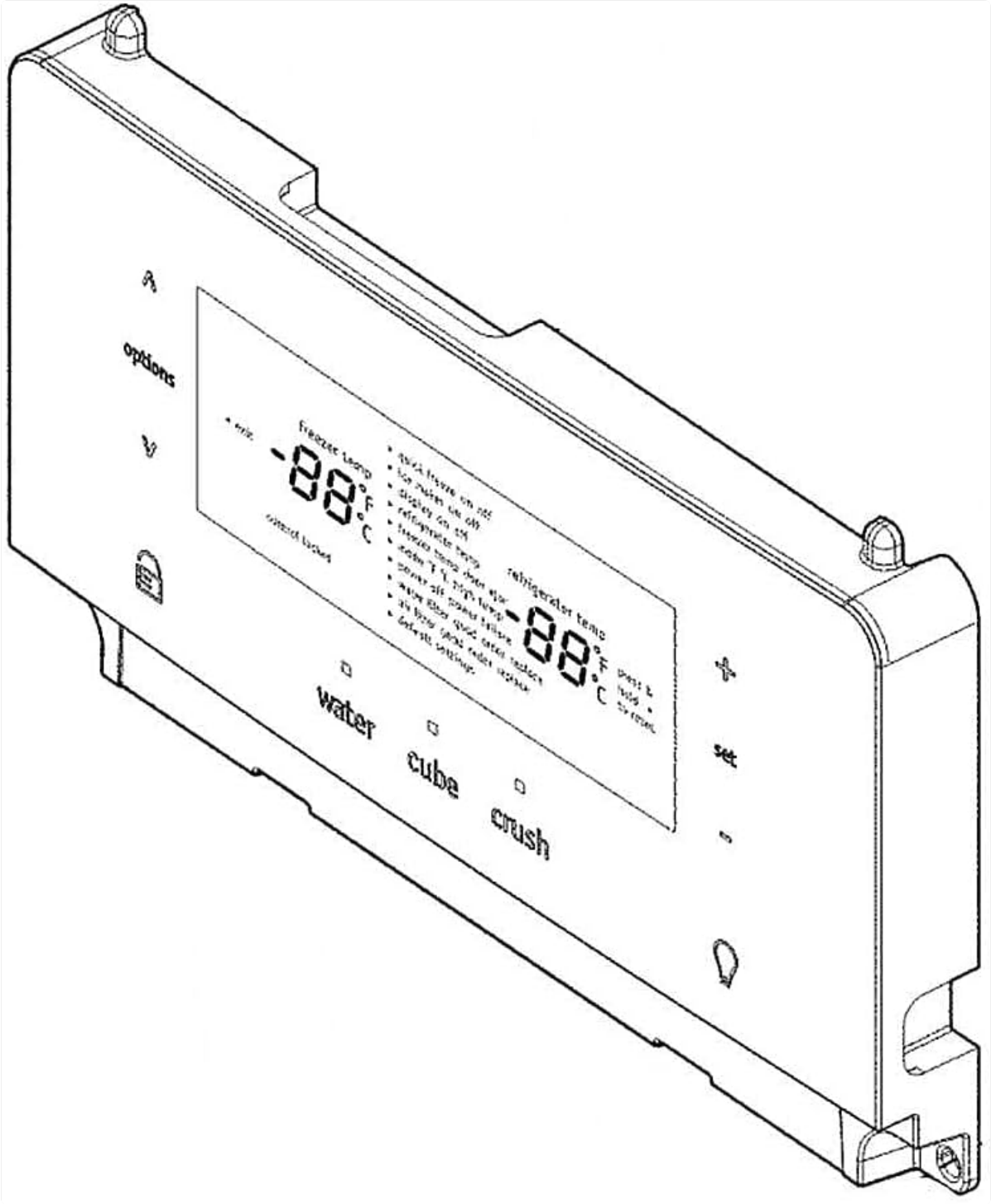


Image 1: Front view of the Frigidaire 5304510940 Refrigerator User Interface Assembly, showing the display screen and control buttons.

Important Safety Information

Always disconnect power to the refrigerator before attempting any repairs or installation. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection. If you are unsure about any step, consult a qualified technician.

- Ensure the refrigerator is unplugged from the power outlet.
- Turn off the circuit breaker supplying power to the refrigerator.
- Handle electronic components with care to avoid static discharge.
- Keep small parts away from children.

Compatibility and Model Verification

This User Interface Assembly (Part Number 5304510940) is compatible with a range of Frigidaire refrigerator models. It is crucial to verify your refrigerator's model number before purchasing or installing this part to ensure proper fit and function. Many replacement parts may appear similar but are not interchangeable.



Image 2: Important warning to check your refrigerator's model number to ensure part compatibility.

Known compatible models include, but are not limited to:

- FGSS2635TF7
- LGHD2369TD0
- LGHK2336TF6
- FGSS2635TD6
- FGSS2635TF8
- LGHK2336TD5
- LGHK2336TF5
- LGHD2369TF0
- LGHK2336TD6

- FGHD2368TD0
- FGHD2368TD1
- FGSS2635TP7
- FGSS2635TP8
- FGSS2635TP6
- FGHB2868TD0
- FGHB2868TF0
- FGHF2367TD0
- FGSS2635TE8
- FGHB2868TP0
- FGSC2335TD0
- FGSS2635TE6
- FGSS2635TE7
- LGHB2869TD1
- LGHB2869TD0
- LGHB2869TF1
- LGHB2869TF0
- LGHB2867TD0
- FGHB2867TD0
- FGSC2335TFB
- FGSC2335TDA
- FGHB2868TE0
- FGSC2335TDB
- FGHD2368TF0
- FGHD2368TF1
- FGSC2335TD8
- LGHX2636TD9
- FGSC2335TD9

Setup and Installation

Replacing the user interface assembly typically involves disconnecting the old unit and connecting the new one. The exact steps may vary slightly depending on your refrigerator model. Always refer to your appliance's specific service manual or parts diagram for detailed instructions.

General Installation Steps:

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet and/or turn off the circuit breaker.
2. **Access the User Interface:** Locate the user interface panel. This may involve removing trim pieces or screws around the display.
3. **Disconnect Wiring:** Carefully disconnect any wiring harnesses or ribbon cables connected to the old user interface assembly. Note their orientation for reinstallation.
4. **Remove Old Assembly:** Unscrew or unclip the old user interface assembly from its housing.
5. **Install New Assembly:** Position the new 5304510940 User Interface Assembly into place. Secure it with screws or clips.
6. **Connect Wiring:** Reconnect all wiring harnesses and ribbon cables to the new assembly, ensuring they are

seated correctly.

7. **Reassemble:** Replace any trim pieces or covers that were removed.
8. **Restore Power:** Plug the refrigerator back into the wall outlet and/or turn on the circuit breaker.
9. **Test Functionality:** Verify that the display illuminates and all buttons respond correctly.



Image 3: Side view of the user interface assembly, illustrating its compact form factor and potential connection points.

Operating the User Interface

The 5304510940 User Interface Assembly provides intuitive control over your refrigerator's functions. While specific button labels and display indicators may vary slightly by model, the general operation involves:

- **Temperature Control:** Use the designated buttons (e.g., "+" and "-") to adjust the freezer and refrigerator temperatures. The display will show the current and set temperatures.
- **Dispenser Options:** Select between water, cubed ice, or crushed ice using the corresponding buttons.
- **Special Features/Options:** Buttons labeled "Options" or similar may cycle through various modes such as Quick Freeze, Door Ajar alarm, or Filter Reset. Refer to your refrigerator's main user manual for details on these specific functions.
- **Control Lock:** A "Control Lock" or "Lock" button/icon may be present to prevent accidental changes to settings. Press and hold to activate/deactivate.

The digital display provides real-time feedback on temperature settings, selected options, and any active alerts or indicators.

Maintenance

The user interface assembly requires minimal maintenance. To ensure its longevity and proper function:

- **Cleaning:** Gently wipe the display and buttons with a soft, damp cloth. Avoid abrasive cleaners or excessive moisture, which can damage the electronics.
- **Avoid Force:** Do not press buttons with excessive force or sharp objects, as this can damage the internal mechanisms.
- **Environmental Conditions:** Ensure the refrigerator is operating within recommended environmental conditions to prevent condensation or extreme temperatures from affecting the electronics.

Troubleshooting

If you experience issues with your refrigerator's user interface, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Display is blank or dim.	No power to the refrigerator; loose connection; faulty display.	Check power supply to the refrigerator. Ensure all connections to the UI assembly are secure. If recently replaced, recheck installation. If problem persists, the assembly may be faulty.

Problem	Possible Cause	Solution
Buttons are unresponsive.	Control lock activated; faulty button; internal circuit issue.	Check if the "Control Lock" feature is active and deactivate it. Ensure buttons are not stuck. If individual buttons are unresponsive, the assembly may need replacement.
Incorrect temperature displayed.	Sensor issue; calibration needed; faulty display.	Verify actual temperature with a thermometer. If significantly off, consult your refrigerator's main manual for sensor troubleshooting or calibration. The UI assembly itself primarily displays data from sensors.
Error codes displayed.	System malfunction; specific component failure.	Refer to your refrigerator's main user manual or service manual for a list of error codes and their meanings. This will indicate which component is failing.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact a certified appliance technician or Frigidaire customer support.

Specifications

- **Part Number:** 5304510940
- **Type:** Refrigerator User Interface Assembly
- **Brand:** Frigidaire
- **Installation Type:** Built-In (as part of refrigerator)
- **Form Factor:** Compact
- **Is Electric:** Yes
- **Adjustable Temperature Control:** No (The UI displays and allows adjustment, but the UI itself isn't the temperature control unit)
- **Genuine:** Original Equipment Manufacturer (OEM) Part

Warranty and Support

As a Genuine Original Equipment Manufacturer (OEM) part, this assembly is typically covered by Frigidaire's standard warranty for replacement parts. Please retain your proof of purchase. For specific warranty terms, technical support, or to locate authorized service centers, please visit the official Frigidaire website or contact their customer service department.
Frigidaire Official Website: www.frigidaire.com

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