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› W10503278 Refrigerator Control Jazz Board Replacement for Amana ABB1922FEB Refrigerator - Compatible with WPW10503278 Control Board

UpStart Components AP-WPW10503278-DL148

W10503278 Refrigerator Control Jazz Board Instruction Manual

UPSTART COMPONENTS

Introduction

This instruction manual provides essential information for the installation, operation, and maintenance of the UpStart Components W10503278 Refrigerator Control Jazz Board. This replacement part is designed to restore the functionality of compatible Amana refrigerators. Please read this manual thoroughly before proceeding with installation to ensure proper and safe handling.

Product Overview

The W10503278 Refrigerator Control Jazz Board is a critical electronic component responsible for managing various functions within your refrigerator, including temperature regulation, defrost cycles, and compressor operation. This replacement board is manufactured with durable, high-quality materials to ensure longevity and reliable performance.

UPStart Components

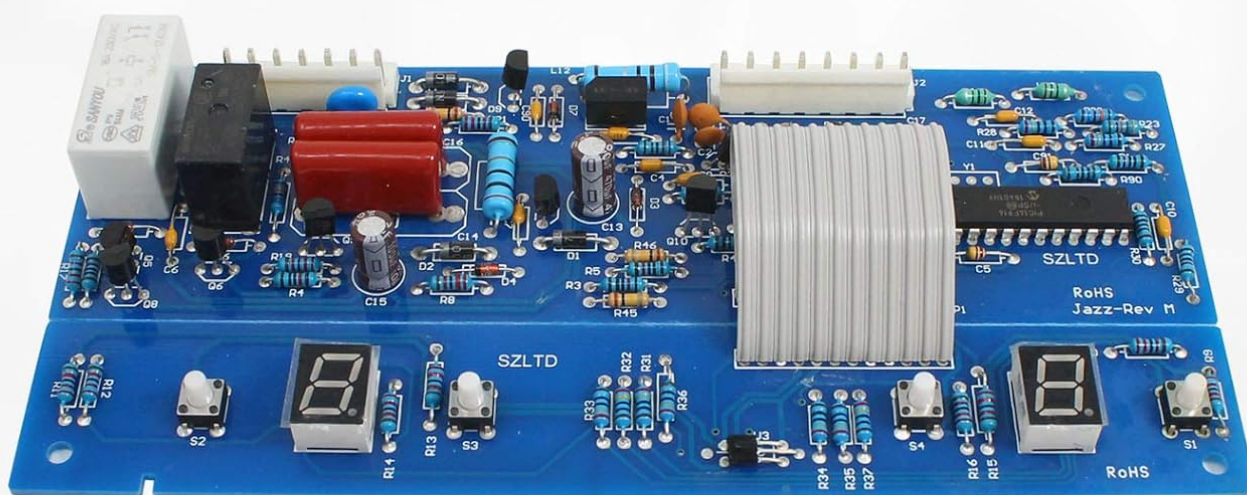


Figure 1: The UpStart Components W10503278 Refrigerator Control Jazz Board, showing its overall design and components.

Compatibility

This replacement control board is compatible with Amana ABB1922FEB refrigerators and other models that utilize the WPW10503278 control board. It is also compatible with the following part numbers:

- WPW10503278
- AP6022400
- W10503278
- 12784415, 12002339, 12002445, 12002449, 12002508, 12002509, 12002567, 12002706
- 12784415V, 12868502, 12868510, 12868513

- 67003867, 67004453, 67004496, 67004907, 67005043, 67005280, 67005281, 67006034, 67006209, 67006214, 67006216, 67006226, 67006712, 67006740
- 8208187
- PS11755733
- W10165748

Always verify the original part number on your existing control board to ensure correct compatibility before purchasing and installing this replacement part.

Key Features

- Direct replacement for W10503278 and WPW10503278 control boards.
- Constructed from ultra-durable, high-quality materials for extended lifespan.
- Designed to resist wear and tear over time.
- Facilitates easy at-home installation.
- Cost-effective solution to extend the operational life of your appliance.

Important Safety Information

Before attempting any repair or installation on an appliance, it is crucial to prioritize safety. Failure to follow these instructions could result in electric shock, fire, personal injury, or property damage.

- **Disconnect Power:** Always unplug the refrigerator from the electrical outlet or turn off the circuit breaker before beginning any work.
- **Static Electricity:** Electronic components can be damaged by static electricity. Consider wearing an anti-static wrist strap or frequently touching a grounded metal object to discharge static.
- **Handle with Care:** Electronic boards are delicate. Avoid touching components directly and handle the board by its edges.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.
- **Proper Tools:** Use appropriate tools for the job to prevent damage to the appliance or injury to yourself.

Installation Instructions

Follow these steps carefully to replace the refrigerator control board. These are general guidelines; specific refrigerator models may have slight variations.

1. **Prepare for Installation:** Ensure the refrigerator is completely unplugged from the power source. Move the refrigerator away from the wall if necessary to access the rear panel.
2. **Access the Control Board:** Locate the access panel that covers the control board. This is typically on the back of the refrigerator, but can vary by model. Use a screwdriver to remove the screws securing the panel.
3. **Document Connections:** Before disconnecting any wires, take clear photos of all wire connections to the existing control board. This will serve as a reference for reconnecting the new board.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Note that some connectors may have locking tabs that need to be pressed or squeezed to release.
5. **Remove Old Board:** Unmount the old control board from its housing. It may be secured by screws, clips, or tabs.
6. **Install New Board:** Position the new UpStart Components W10503278 control board in the same location as the old one. Secure it using the original screws, clips, or tabs.

7. **Reconnect Wires:** Refer to your photos and carefully reconnect all wire harnesses and connectors to the corresponding terminals on the new control board. Ensure all connections are secure and properly seated.
8. **Secure Access Panel:** Once all connections are made, replace the access panel and secure it with its screws.
9. **Restore Power and Test:** Plug the refrigerator back into the electrical outlet or restore power at the circuit breaker. Allow the refrigerator a few minutes to power on and stabilize. Verify that the refrigerator is functioning correctly (e.g., cooling, lights, display).

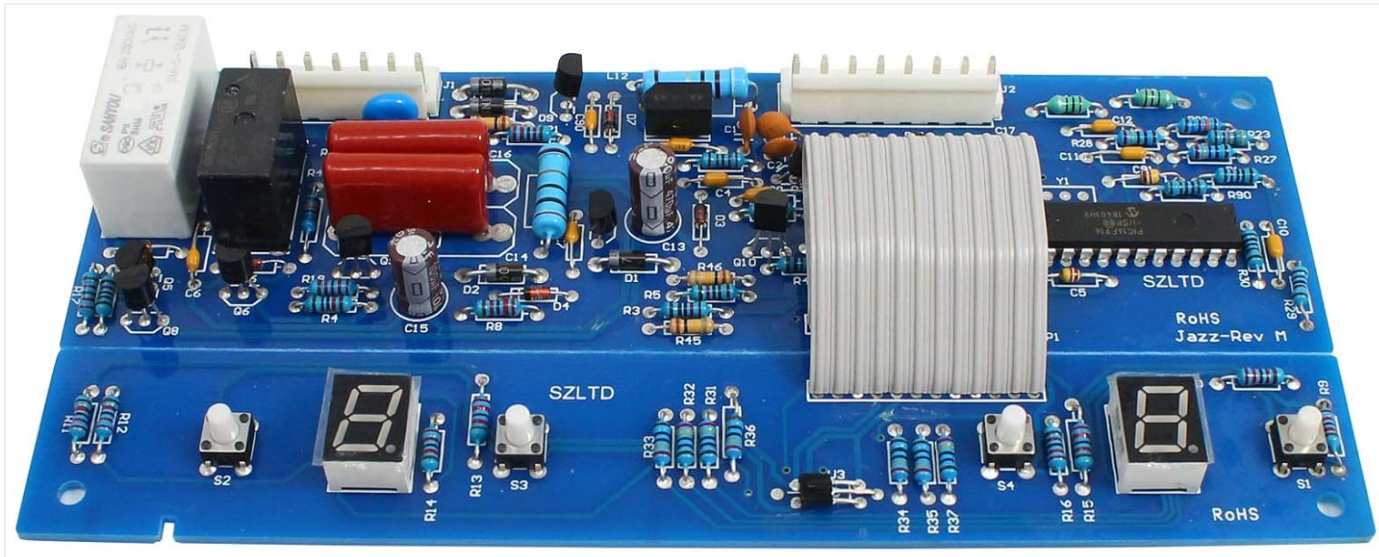


Figure 2: A detailed view of the control board, highlighting various connection points and electronic components. This image can assist in identifying connection points during installation.

Operation

The W10503278 Refrigerator Control Jazz Board is an internal component that operates automatically once installed and powered. It continuously monitors and regulates the refrigerator's internal systems to maintain optimal performance and temperature. No direct user interaction is required for its operation.

Maintenance

The control board itself requires no routine maintenance. To ensure its longevity and proper function, consider the following general appliance maintenance tips:

- Keep the area around the refrigerator clean and free of dust, especially the condenser coils, to prevent overheating of internal components.
- Ensure proper ventilation around the appliance.
- Avoid exposing the refrigerator to extreme temperatures or humidity.
- If the refrigerator needs to be moved or serviced, always disconnect power first.

Troubleshooting

If your refrigerator experiences issues after replacing the control board, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Refrigerator not powering on after installation.	Loose power connection, tripped circuit breaker, incorrect wiring.	Check if the refrigerator is fully plugged in. Reset the circuit breaker. Double-check all wire connections on the new board against your reference photos.
Refrigerator not cooling properly.	Incorrect board installation, faulty temperature sensor (not part of board), compressor issue.	Ensure all connections are secure. If the issue persists, other components may need inspection by a technician.
Display issues or error codes.	Loose ribbon cable, incompatible board, internal board fault.	Verify all ribbon cables are securely connected. Confirm the board is the correct replacement part. If issues persist, professional diagnosis may be required.

If these steps do not resolve the issue, it is recommended to consult a qualified appliance repair technician.

Specifications

Attribute	Detail
Part Number	AP-WPW10503278-DL148
Material	Plastic
Manufacturer	UpStart Components
ASIN	B082TMNPW8
First Available Date	December 12, 2019

Warranty and Support

This product is an UpStart Components Brand replacement part and is not an OEM (Original Equipment Manufacturer) product. Any warranties for this product are offered solely by UpStart Components. For specific warranty details or technical support, please refer to the documentation provided with your purchase or contact UpStart Components directly through their official channels.

For further assistance or inquiries, please visit the UpStart Components website or contact their customer service department.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question