

[Manuals.plus](#) /

› [Samsung](#) /

› Samsung DG34-00027B Membrane Switch User Manual

Samsung DG34-00027B

Samsung DG34-00027B Membrane Switch User Manual

Model: DG34-00027B | Brand: Samsung

1. PRODUCT OVERVIEW

The Samsung DG34-00027B Membrane Switch is a genuine OEM (Original Equipment Manufacturer) part designed and engineered to exact specifications for Samsung ranges, stoves, and ovens. This black membrane switch functions as a keypad, allowing users to select temperature and other operational functions for their appliance. It features touch-sensitive buttons for user interaction.

This component is essential for the proper functioning of your appliance's control panel. When replacing parts, always ensure compatibility with your specific appliance model.



Image 1: Front view of the Samsung DG34-00027B Membrane Switch.

2. SAFETY INFORMATION

WARNING: Before attempting any installation, repair, or maintenance on your appliance, it is imperative to disconnect the appliance from all utilities (electrical power, gas, water) to prevent electric shock, gas leaks, or other hazards. Failure to do so can result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), such as gloves and safety glasses.
- If you are unsure about any step of the installation process, consult a qualified appliance technician.
- Keep children and pets away from the work area.
- Ensure the work area is well-lit and clear of obstructions.

3. WHAT'S IN THE BOX

Your package should contain the following item:

- 1 x Samsung DG34-00027B Membrane Switch

4. SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model Info	DG34-00027B
Part Number	DG34-00027B
Color	Black
Material Type	Aluminum
Control Method	Touch
Compatible Devices	Samsung Range/Stove/Oven
Item Dimensions (L x W x H)	12 x 1 x 4 inches
Item Weight	0.01 ounces

5. BEFORE INSTALLATION: VERIFY PART FIT

It is crucial to verify that the DG34-00027B Membrane Switch is the correct part for your specific Samsung range, stove, or oven model. Many parts may appear similar but are not interchangeable. Always consult your appliance's owner's manual or the manufacturer's parts list to confirm compatibility before proceeding with installation.

Does your part fit?



Many replacement parts
look the same
but won't fit your model.

Don't be fooled!

Check your
model number
before you buy.

Image 2: Important reminder to check appliance model number for part compatibility.

6. INSTALLATION INSTRUCTIONS

This section provides general guidance for replacing the membrane switch. Specific steps may vary depending on your appliance model. Always refer to your appliance's service manual for detailed, model-specific instructions.

1. **Disconnect Power:** Ensure the appliance is completely disconnected from its power source (unplug it or turn off the circuit breaker).
2. **Access Control Panel:** Carefully remove the screws or clips securing the control panel to access the existing membrane switch. This may involve removing knobs or trim pieces.
3. **Remove Old Membrane Switch:** Gently peel off the old membrane switch from the control panel. Disconnect the ribbon cable from its connector on the control board. Note the orientation of the ribbon cable for correct reinstallation.
4. **Clean Surface:** Clean the surface where the new membrane switch will be applied to ensure proper adhesion. Remove any residue from the old adhesive.
5. **Install New Membrane Switch:**

- Carefully remove the protective film from the adhesive backing of the new membrane switch.
 - Align the new membrane switch precisely with the openings on the control panel.
 - Press firmly to ensure good adhesion across the entire surface.
 - Connect the ribbon cable of the new membrane switch to the corresponding connector on the control board, ensuring it is fully seated and correctly oriented.
6. **Reassemble:** Reattach the control panel and any removed components, securing them with screws or clips.
 7. **Reconnect Power & Test:** Reconnect the appliance to its power source. Test all functions of the control panel to ensure the new membrane switch is working correctly.

Installation Video Guide

Your browser does not support the video tag.

Video 1: This video demonstrates the replacement process for a membrane switch, similar to the DG34-00027B. It shows how to handle the flexible ribbon cable and the adhesive backing.

7. OPERATING INSTRUCTIONS

The DG34-00027B Membrane Switch serves as the primary interface for controlling your Samsung range, stove, or oven. Once installed, its touch-sensitive buttons allow you to:

- Select cooking modes (e.g., Bake, Roast, Broil).
- Set and adjust temperatures.
- Set cooking times and delay start functions.
- Access special features like Self Clean, Keep Warm, or specific cooking presets (e.g., Pizza, Chicken Nuggets).
- Turn the oven on/off and clear settings.

Refer to your appliance's main user manual for detailed instructions on how to use each specific function and cooking mode available on your model.

8. MAINTENANCE

Proper maintenance helps prolong the life of your membrane switch and ensures continued functionality.

- **Cleaning:** To clean the surface of the membrane switch, use a soft, damp cloth with mild soap and water. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the surface and legends.
- **Inspection:** Periodically inspect the membrane switch for any signs of wear, such as peeling, cracks, or unresponsive buttons. If issues arise, refer to the troubleshooting section or consider replacement.
- **Avoid Excessive Force:** While the buttons are touch-sensitive, avoid pressing them with excessive force or sharp objects, which can cause damage.

9. TROUBLESHOOTING

If you encounter issues with your membrane switch after installation, consider the following troubleshooting steps:

- **Buttons Not Responding:**
 - Ensure the ribbon cable is securely connected to the control board. A loose connection is a common cause of unresponsive buttons.
 - Verify that the membrane switch is properly adhered to the control panel, with no air bubbles or gaps affecting button contact.
 - Perform a power cycle: Disconnect power to the appliance for a few minutes, then reconnect it. This can sometimes reset the control board.
- **Display Errors (e.g., "SE" error):**
 - Error codes like "SE" often indicate a communication issue between the control panel and the main control board. Recheck all connections.
 - Consult your appliance's main user manual or service manual for specific error code definitions and troubleshooting steps.
- **Intermittent Functionality:**
 - This could indicate a faulty connection or a damaged ribbon cable. Re-inspect the installation carefully.
 - Ensure no moisture or debris has entered behind the membrane switch.

If troubleshooting steps do not resolve the issue, it is recommended to contact Samsung customer support or a certified appliance technician for further assistance.

10. WARRANTY AND SUPPORT

As a Genuine Samsung Factory Part, the DG34-00027B Membrane Switch is manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your original appliance or contact Samsung customer service directly.

For technical support, service, or to locate authorized service providers, please visit the official Samsung website or contact their customer support line. When contacting support, have your appliance's full model number and serial number ready.

Samsung Official Website: www.samsung.com