

## Vaillant 100547

# Vaillant 100547 Automatic Gas Igniter Instruction Manual

Model: 100547

## INTRODUCTION

This instruction manual provides essential information for the safe and correct installation, operation, and maintenance of the Vaillant 100547 Automatic Gas Igniter. This component is designed for use with specific Vaillant heating systems, including models VC 194 XE-C, VC 204 XE, VC 254 XE, VC 64 XE, VC 104 XE, VCW 194 XE-C, VCW 204 XE, and VCW 254 XE. Please read this manual thoroughly before proceeding with any procedures.

## SAFETY INFORMATION

**Important:** Installation and maintenance of this component must only be performed by a qualified and certified technician. Failure to comply with safety instructions can result in property damage, serious injury, or death.

- Always disconnect power to the heating system before installation or servicing.
- Ensure proper grounding of all electrical connections.
- Verify gas supply is shut off before working on gas-related components.
- Refer to the main appliance's instruction manual for specific safety guidelines.
- Do not attempt to modify the component.

## PRODUCT OVERVIEW

The Vaillant 100547 is an automatic gas igniter module, an essential electronic component responsible for initiating the ignition sequence in compatible Vaillant heating systems. It ensures reliable and safe startup of the burner.



Figure 1: Vaillant 100547 Automatic Gas Igniter. This image displays the circuit board with various electronic components, including relays, resistors, and connectors, which collectively manage the ignition process.

## SETUP AND INSTALLATION

---

This section outlines the general steps for installing the Vaillant 100547 Automatic Gas Igniter. Always refer to the specific service manual for your Vaillant heating appliance for detailed, model-specific instructions.

1. **Preparation:** Ensure the heating system is completely powered off and the gas supply is closed. Allow the system to cool down if it has been recently operating.
2. **Access:** Open the appliance casing to access the control board area where the igniter module is located. Follow the appliance manufacturer's instructions for safe access.
3. **Removal of Old Module:** Carefully disconnect all electrical connectors from the existing igniter module. Note the position and orientation of each connector. Unfasten any mounting screws or clips securing the module.
4. **Installation of New Module:** Position the new Vaillant 100547 module in the designated slot. Secure it with the appropriate mounting hardware. Reconnect all electrical connectors, ensuring they are firmly seated and correctly oriented.
5. **Verification:** Double-check all connections. Close the appliance casing.
6. **Power On:** Restore gas supply and electrical power to the heating system.
7. **Test Operation:** Initiate a heating cycle to confirm proper ignition and operation of the burner. Observe for any error codes or unusual behavior.

If you encounter any difficulties or error messages, refer to the Troubleshooting section or consult a qualified technician.

## OPERATING PRINCIPLES

---

The Vaillant 100547 Automatic Gas Igniter operates as an integral part of your heating system's control

logic. When a demand for heat is detected, the main control board sends a signal to the igniter module. The igniter then initiates a spark to ignite the gas flowing to the burner. Once ignition is confirmed by the flame sensor, the igniter ceases sparking, and the burner continues to operate under the main control system. This process is fully automatic and requires no direct user interaction after installation.

## MAINTENANCE

The Vaillant 100547 Automatic Gas Igniter is a sealed electronic component and does not require routine user maintenance. Any inspection or servicing of this module should only be performed by a qualified service technician as part of the overall heating system's annual maintenance. Technicians may check electrical connections for corrosion or looseness and ensure the module is functioning correctly within the system's parameters.

## TROUBLESHOOTING

If your heating system is experiencing ignition issues, the Vaillant 100547 module might be a contributing factor. However, many issues can mimic igniter problems. Always consult a qualified technician for diagnosis and repair.

- No Ignition/Repeated Ignition Attempts:** This could indicate a faulty igniter, a problem with the gas supply, a dirty flame sensor, or issues with the main control board.
- Error Codes:** Refer to your main heating appliance's user manual for specific error codes related to ignition or burner operation.
- Intermittent Operation:** Loose connections or intermittent faults within the module or associated wiring can cause inconsistent ignition.

**Do not attempt to repair the igniter module yourself.** Replacement by a qualified professional is typically the recommended solution for a faulty igniter.

## SPECIFICATIONS

Feature	Detail
Brand	Vaillant
Model Number	100547
Product Dimensions (L x W x H)	11 x 7 x 8 cm
Item Weight	99.79 grams
Batteries Included	No
Batteries Required	No
ASIN	B007OW7ED8
Compatibility	VC 194 XE-C, VC 204 XE, VC 254 XE, VC 64 XE, VC 104 XE, VCW 194 XE-C, VCW 204 XE, VCW 254 XE






## WARRANTY AND SUPPORT

For warranty information regarding the Vaillant 100547 Automatic Gas Igniter, please refer to the documentation provided with your complete Vaillant heating system or contact Vaillant customer support directly. As an electronic component, specific warranty terms may apply.

For technical support, service, or to locate a certified Vaillant technician, please visit the official Vaillant website or contact their customer service department. Always ensure that any service or repair is carried out by qualified personnel.

**Vaillant Official Website:** [www.vaillant.com](http://www.vaillant.com)

## Related Documents - 100547

	<p><a href="#">Vaillant ecoTEC plus Operating Instructions for Gas-Fired Boilers</a></p> <p>Official operating instructions for the Vaillant ecoTEC plus series of gas-fired wall-hung boilers. Covers safety, product description, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Vaillant sensoCOMFORT: Advanced Heating Control System</a></p> <p>Explore the Vaillant sensoCOMFORT, an advanced multi-zone heating control system. Discover its features like weather compensation, intuitive interface, energy dashboard, and compatibility with Vaillant's heat pump range. Learn about wired and wireless configurations for optimal home comfort and efficiency.</p>
	<p><a href="#">Vaillant myVAILLANT connect VR 940f Installation Guide   Smart Heating Control</a></p> <p>Comprehensive installation guide for the Vaillant myVAILLANT connect VR 940f Wi-Fi gateway. Learn about setup, safety, technical data, and smart home integration.</p>
	<p><a href="#">Vaillant sensoCOMFORT VRC 720f: Manual de Uso e Instalação</a></p> <p>Manual completo de uso e instalação para el Vaillant sensoCOMFORT VRC 720f. Incluye guías sobre seguridad, descripción del producto, instalación eléctrica, configuración de sistemas, puesta en marcha, solución de problemas, mantenimiento y datos técnicos para optimizar su sistema de calefacción.</p>
	<p><a href="#">Vaillant aroSTOR VWL BM 200/5 &amp; 270/5 Installation and Maintenance Manual</a></p> <p>Comprehensive installation and maintenance manual for Vaillant aroSTOR VWL BM 200/5 and VWL BM 270/5 heat pump water heaters. Covers safety instructions, product description, installation procedures, commissioning, operation, troubleshooting, maintenance, technical data, and disposal.</p>



[Vaillant ecoTEC Installation and Servicing Instructions](#)

Comprehensive guide for the professional installation and servicing of Vaillant ecoTEC series condensing boilers, including ecoTEC plus and ecoTEC pro models. Covers technical specifications, safety, installation procedures, commissioning, troubleshooting, and maintenance.