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› [Norton](#) /

› [Norton Furnace Aftermarket Replacement Ignitor/Igniter User Manual](#)

Norton CECOMINOD037601

Norton Furnace Aftermarket Replacement Ignitor/Igniter User Manual

Model: CECOMINOD037601 | Brand: Norton

PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of the Norton 271Y Aftermarket Furnace Hot Surface Ignitor. This component is a brand new aftermarket replacement designed for furnace applications, ensuring reliable ignition.



Image: The Norton 271Y Aftermarket Furnace Hot Surface Ignitor, showing the ceramic base, heating element, and attached wiring with two white wire connectors.

SAFETY INFORMATION

WARNING: Installation and servicing of heating equipment can be hazardous and requires specialized knowledge and training. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, personal injury, or loss of life. Read and understand these instructions thoroughly before attempting any installation or service. Only qualified service personnel should install or service this ignitor.

- Always disconnect power to the furnace before beginning any installation or maintenance.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure proper grounding and wiring connections are made according to local electrical codes and manufacturer specifications.
- Do not touch the ignitor element with bare hands, as oils can reduce its lifespan.

SETUP AND INSTALLATION

This section outlines the general steps for replacing a furnace ignitor. Specific procedures may vary depending on your furnace model. Refer to your furnace's service manual for detailed instructions.

1. **Power Disconnection:** Locate the main power switch for your furnace and turn it off. For added safety, turn off the circuit breaker supplying power to the furnace.
2. **Access Ignitor:** Open the furnace access panel to locate the existing ignitor. It is typically found near the burner assembly.
3. **Disconnect Old Ignitor:** Carefully disconnect the wiring from the old ignitor. Note the orientation and connection points. Remove any mounting screws or clips securing the old ignitor.
4. **Install New Ignitor:** Mount the new Norton 271Y Ignitor in the same position as the old one, ensuring it is securely fastened.
5. **Connect Wiring:** Connect the new ignitor's wiring to the furnace's electrical system. Use the provided connectors if necessary, ensuring a secure and insulated connection. Double-check all connections for tightness and correct polarity.
6. **Secure Panels:** Close and secure all furnace access panels.
7. **Restore Power:** Restore power to the furnace at the circuit breaker and main power switch.
8. **Test Operation:** Initiate a heating cycle to verify the ignitor functions correctly and the furnace lights properly. Observe for any unusual sounds or smells.

OPERATING PRINCIPLES

The Norton 271Y Hot Surface Ignitor operates by heating a silicon carbide element to a very high temperature when electrical current is applied. This glowing element then ignites the gas flowing into the furnace's burners. Once ignition is confirmed by the furnace's flame sensor, the ignitor typically de-energizes until the next call for heat.

MAINTENANCE

Regular inspection of your furnace's components, including the ignitor, can help ensure reliable operation. While the ignitor itself is not typically a user-serviceable part for cleaning or repair, periodic visual checks are recommended.

- **Annual Inspection:** During your annual furnace maintenance, have a qualified technician inspect the ignitor for signs of wear, cracks, or discoloration.
- **Avoid Contamination:** Ensure the area around the ignitor is free from dust, debris, or oil residue, which can affect

its performance and lifespan.

TROUBLESHOOTING

If your furnace is not igniting, the ignitor may be a potential cause. Always consult a qualified technician for diagnosis and repair.

Symptom	Possible Cause	Action
Furnace not igniting, ignitor does not glow.	No power to ignitor, faulty ignitor, or control board issue.	Check furnace power supply. Inspect ignitor for visible damage. Consult a qualified technician for electrical diagnostics.
Ignitor glows but furnace does not light.	Gas supply issue, faulty gas valve, or flame sensor problem.	Ensure gas supply is on. Consult a qualified technician to check gas valve and flame sensor operation.
Ignitor glows intermittently or weakly.	Aging ignitor, poor electrical connection, or voltage issue.	Inspect wiring connections. A weak glow often indicates an ignitor nearing the end of its lifespan. Replacement by a technician may be necessary.

SPECIFICATIONS

Attribute	Detail
Product Type	Aftermarket Furnace Hot Surface Ignitor
Model Number	CECOMINOD037601
Brand	Norton
Product Dimensions	6 x 6 x 6 inches
Item Weight	6 ounces
Manufacturer	Universal
First Available Date	February 25, 2015

WARRANTY INFORMATION

Specific warranty details for this aftermarket ignitor are not provided in the product data. For information regarding warranty coverage, terms, and conditions, please contact the seller or the manufacturer directly. It is advisable to retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, installation guidance, or troubleshooting beyond the scope of this manual, please contact the seller from whom you purchased this product or a qualified HVAC technician. Always provide your product model number (CECOMINOD037601) and purchase details when seeking support.

You may also visit the [Norton Store on Amazon](#) for additional product information, though direct support for aftermarket parts may be handled by the specific seller.

Related Documents - CECOMINOD037601

	<p>Service Usage Terms and Conditions (Reseller: BBSS Co., Ltd.)</p> <p>This document outlines the service usage terms and conditions for the Portas platform provided by Arteria Networks Corporation, detailing user obligations, service provisions, fees, and prohibited actions.</p>
	<p>Norton Abrasives Technical Information Guide</p> <p>Explore the comprehensive Norton Abrasives Technical Information Guide by Saint-Gobain. This resource details cutting-off wheels, grinding wheels, coated abrasives, super abrasives, and diamond blades, offering product selection, operating speeds, troubleshooting tips, and critical safety advice for industrial applications.</p>
	<p>Norton and Rixson Door Controls Price List</p> <p>This official price list from Norton and Rixson, brands under the ASSA ABLOY umbrella, details pricing for a wide range of door control products, effective May 1, 2021. It serves as a key resource for customers in the USA and Canada, providing product specifications, ordering guidance, terms and conditions, and warranty details.</p>
	<p>ADAEZ Pro Pull-Side Operator Quick-Start Guide</p> <p>Quick-start guide for installing and operating the ADAEZ Pro Pull-Side Operator. Includes system description, prerequisites, precautions, controls, installation steps, programming, and remote control initialization.</p>
	<p>Norton 8000 Series Non Handed Door Closer Installation Instructions</p> <p>Detailed installation instructions for the Norton 8000 Series Non Handed Door Closer, Non Hold Open Models, Regular Arm. Covers parts, dimensions, sequence, and adjustments for models S8101, S8301, S8501.</p>



[Norton Clipper CTC1020XL Wet Tile Saw Owner's Manual](#)

Comprehensive owner's manual for the Norton Clipper CTC1020XL Wet Tile Saw, detailing safety, specifications, operation, maintenance, and troubleshooting for professional jobsite use.