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Model: 2610016810 | Brand: Bosch

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Bosch Parts 2610016810 Electronic Assembly. This component is an O.E.M. authorized replacement part designed to fit various Bosch power tool models, ensuring compatibility and reliable performance. It is manufactured in the United States.



Figure 1: The Bosch Parts 2610016810 Electronic Assembly. This image displays the electronic assembly, featuring a black plastic housing on the left, with various wires and connectors extending to the right. A blue component is visible within the assembly, and a red protective cap covers a connector at the far right. The wiring is partially covered by a black braided sleeve.

SETUP AND INSTALLATION

The Bosch 2610016810 Electronic Assembly is a replacement part. Installation should only be performed by qualified personnel following the specific service manual for the tool it is being installed into. Always ensure the power tool is disconnected from its power source before beginning any installation or repair work.

General Installation Steps:

1. **Safety First:** Disconnect the power tool from the main power supply. If it is a battery-powered tool, remove the battery pack.
2. **Access the Component:** Carefully open the tool's housing to gain access to the existing electronic assembly. Refer to the tool's specific service manual for detailed disassembly instructions.
3. **Disconnect Old Assembly:** Note the orientation and connection points of the old assembly. Disconnect all wires and fasteners securing the old part. Take photos if necessary for reassembly reference.
4. **Install New Assembly:** Position the new Bosch 2610016810 Electronic Assembly in the correct orientation. Connect all wires and secure the assembly using the appropriate fasteners. Ensure all connections are firm and correctly seated.

5. **Reassemble Tool:** Carefully reassemble the tool's housing, ensuring no wires are pinched and all screws are tightened to the manufacturer's specifications.
6. **Test Functionality:** Reconnect the power supply (or insert the battery) and perform a functional test of the tool to ensure the new electronic assembly is operating correctly.

Note: Improper installation can lead to tool malfunction or personal injury. If you are unsure about any step, consult a professional technician.

OPERATING PRINCIPLES

As an electronic assembly, the 2610016810 component is an integral part of the power tool's internal circuitry. Its function is to manage and regulate electrical signals and power distribution within the tool, contributing to its overall performance and safety features. It does not have user-operable controls; its operation is entirely dependent on the tool's design and user input to the tool itself.

The assembly ensures that the various electrical components of the tool receive the correct voltage and current, and it may include elements for motor control, speed regulation, or safety cut-offs, depending on the specific Bosch tool it is integrated into.

MAINTENANCE

The Bosch 2610016810 Electronic Assembly is designed to be a maintenance-free component once installed. Regular maintenance focuses on the overall power tool rather than this specific internal part.

General Maintenance Guidelines for Tools Containing the Assembly:

- **Keep Clean:** Regularly clean the exterior of the power tool to prevent dust and debris from entering internal components. Use a soft, dry cloth. Avoid using solvents or harsh chemicals.
- **Inspect for Damage:** Periodically inspect the tool's housing, power cord (if applicable), and switches for any signs of damage.
- **Storage:** Store the power tool in a dry, clean environment, away from extreme temperatures and humidity, which can affect electronic components.
- **Professional Inspection:** If the tool exhibits unusual behavior, such as intermittent power, unusual noises, or excessive heat, discontinue use and have it inspected by a qualified service technician.

TROUBLESHOOTING

If the power tool equipped with the Bosch 2610016810 Electronic Assembly is not functioning as expected, consider the following general troubleshooting steps. Note that issues with an electronic assembly often require professional diagnosis and replacement.

Problem	Possible Cause	Solution
Tool does not power on.	No power supply, faulty switch, or internal electronic failure.	Check power source/battery. Test the tool's switch. If these are fine, the electronic assembly or motor may be faulty; professional service is required.
Intermittent operation.	Loose connections, damaged wiring, or intermittent electronic component failure.	Inspect visible wiring for damage. Ensure all connections are secure. If the issue persists, the electronic assembly may need replacement by a professional.
Tool runs but lacks power/speed.	Motor issue, worn brushes (if applicable), or electronic assembly not regulating power correctly.	Check for motor wear or brush condition. If the motor is fine, the electronic assembly might be failing. Seek professional diagnosis.
Unusual smells or smoke.	Overheating, short circuit, or component failure within the electronic assembly.	Immediately disconnect power. Do not use the tool. This indicates a serious electrical fault. Professional repair or replacement of the assembly is necessary.

Warning: Do not attempt to repair internal electronic components unless you are a certified technician. Risk of electric shock and further damage to the tool exists.

SPECIFICATIONS

The following specifications pertain to the Bosch Parts 2610016810 Electronic Assembly:

Manufacturer: Bosch Service Parts

Part Number: 2610016810

Item Weight: 8 ounces

Product Dimensions: 5.75 x 3.25 x 3.25 inches

Item Model Number: 2610016810

Item Package Quantity: 1

Included Components: Electronic Assembly

Batteries Required?: No

ASIN: B00YCMV2TK

Date First Available: May 21, 2015

WARRANTY INFORMATION

Bosch replacement parts typically come with a limited warranty covering defects in materials and workmanship. For specific warranty terms and conditions applicable to the 2610016810 Electronic Assembly, please refer to the documentation provided with your purchase or visit the official Bosch Service Parts website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, installation queries, or warranty claims regarding the Bosch Parts 2610016810 Electronic Assembly, please contact Bosch Customer Service or an authorized Bosch service center. You can find contact information on the official Bosch website or through your product retailer.

Online Resources: Bosch Service & Support

