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**Tooldaddy KL-11-5913-3514-059-12-42/80**

# User Manual for Tooldaddy Carbon Brushes

Replacement Carbon Brushes for Miele Dryers T4898C, T7634, T7644C

## INTRODUCTION

This manual provides essential information for the installation and maintenance of your new Tooldaddy replacement carbon brushes for Miele dryers. These high-quality carbon brushes are designed to restore optimal functionality to your appliance, addressing common issues such as loss of performance, erratic operation, sparking, strange noises, or complete failure often caused by worn brushes.

Our carbon brushes offer exceptional durability and minimize sparking, ensuring safe and efficient operation. By replacing your old brushes with this quality product, you can extend the lifespan and enhance the performance of your Miele dryer.

## PRODUCT OVERVIEW



*Image: A single Tooldaddy carbon brush with its copper wire connection. The brush itself is a dark, rectangular block with a small circular hole, and numbers "6597490" and "5007" are visible on its surface. The copper wire extends from one end of the brush.*

The Tooldaddy carbon brushes are precision-engineered replacement parts. Each package contains a pair of brushes, ready for installation.

#### **Key Features:**

- **High Durability:** Engineered for extended lifespan.
- **Low Sparking:** Ensures safe and efficient motor operation.
- **Perfect Fit:** 100% compatibility with listed Miele dryer models.
- **Quality Product:** Manufactured by Tooldaddy.

#### **SPECIFICATIONS**

Attribute	Detail
Dimensions (W x L x H)	Approx. 5 x 30 x 16 mm
Cable Length	67 mm
Contents	2 pieces (1 pair)
Item Number	KL-11-5913-3514-059-12-42/80
Weight	20 g

### Compatible Miele Dryer Models:

Appliance Designation	Model Name	Appliance Type
T4898C	T 4898 C	Dryer
T7634	T 7634	Dryer
T7644C	T 7644 C	Dryer

## INSTALLATION (SETUP)

Replacing carbon brushes typically requires disassembling parts of the dryer. It is recommended that this procedure be performed by a qualified technician or an individual with experience in appliance repair.

Always ensure the appliance is unplugged from the power supply before beginning any work.

- Safety First:** Disconnect the dryer from the main power supply.
- Access the Motor:** Depending on your Miele dryer model, you may need to remove the back panel, top panel, or other components to gain access to the motor and its carbon brush holders. Refer to your specific dryer's service manual for detailed instructions on accessing the motor.
- Locate Carbon Brush Holders:** Identify the carbon brush holders, usually located on either side of the motor's commutator.
- Remove Old Brushes:** Carefully unclip or unscrew the old carbon brushes from their holders. Note their orientation before removal. Disconnect the electrical wire leading to each brush.
- Clean Commutator (Optional but Recommended):** If accessible, gently clean the motor's commutator (the copper segments where the brushes make contact) with a non-abrasive cloth to remove any carbon dust buildup.
- Install New Brushes:** Insert the new Tooldaddy carbon brushes into the holders, ensuring they are oriented correctly. Connect the electrical wires securely. The brushes should slide smoothly into their channels and make firm contact with the commutator.
- Reassemble:** Carefully reassemble all removed panels and components. Ensure all screws and fasteners are tightened securely.
- Test:** Plug the dryer back into the power supply and perform a test run to ensure proper operation. Listen for unusual noises and check for smooth motor function.

**Note:** These are general instructions. Specific steps may vary by dryer model. Always prioritize safety and consult a professional if unsure.

## OPERATING

Once the new carbon brushes are installed, the dryer should operate as intended. No special operating procedures are required for the carbon brushes themselves. The dryer's normal operating instructions should be followed.

- Ensure the dryer is properly connected to power.
- Load laundry according to the dryer's capacity guidelines.
- Select the appropriate drying program.
- Start the drying cycle.

The new carbon brushes will ensure efficient motor function, contributing to the overall performance of your Miele dryer.

## MAINTENANCE

Carbon brushes are wear-and-tear parts and do not require regular user maintenance. Their lifespan depends on the usage of the appliance. However, periodic inspection during other appliance maintenance (e.g., cleaning lint filters, checking belts) can help identify severely worn brushes before they cause significant issues.

- **Regular Cleaning:** Keep the dryer's ventilation paths clear to prevent motor overheating, which can indirectly affect brush life.
- **Listen for Changes:** Pay attention to any new or unusual noises coming from the dryer's motor area, such as excessive humming, grinding, or increased sparking, as these can indicate worn brushes.
- **Professional Inspection:** If you suspect issues, consider having a qualified technician inspect the motor and brushes.

## TROUBLESHOOTING

If your Miele dryer exhibits symptoms after carbon brush replacement, or if you suspect the brushes are the cause of a problem, refer to the following common issues:

Symptom	Possible Cause	Solution
Dryer motor not starting or running intermittently.	Incorrectly installed brushes, brushes not making proper contact, or other motor issues.	Check brush installation for proper seating and connection. Ensure wires are secure. If problem persists, consult a technician.
Excessive sparking or burning smell from motor area.	Brushes not seated correctly, damaged commutator, or incorrect brush type.	Immediately unplug the dryer. Re-check brush installation. Inspect commutator for damage. If damage is present, professional repair is needed.
Loud grinding or squealing noise from motor.	Brushes worn down completely, foreign object in motor, or motor bearing issue.	Unplug dryer. Inspect brushes for wear. If brushes are fine, the issue might be with motor bearings, requiring professional service.

If you are unable to resolve the issue after following these steps, or if you are unsure about any repair procedure, it is highly recommended to contact a qualified appliance repair technician.

## SUPPORT AND CONTACT

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If you have not found the right part or are still unsure about compatibility, please feel free to contact us at any time. Our team is ready to assist you.

For further assistance or inquiries regarding Tooldaddy products, please visit our official website or contact our customer support.

*The listed part numbers, company names, and brand names are for exact identification purposes only and are the property of their respective manufacturers.*