

## Dyson 963549-01

# Dyson Brushroll DC52/54/78 Cy18: Installation and Maintenance Guide

Model: 963549-01

## 1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your new Dyson OEM Brushroll, part number 963549-01. This brushroll is designed as a direct replacement for various Dyson DC52, DC54, and DC78 series vacuum cleaner models. Adhering to these guidelines will help ensure optimal performance and longevity of your vacuum cleaner's brushroll.

## 2. SAFETY INFORMATION

- **Always unplug the vacuum cleaner** from the power outlet before attempting any installation, maintenance, or troubleshooting. Failure to do so can result in electric shock or injury.
- Ensure the vacuum cleaner is completely off and cooled down before handling any internal components.
- Wear appropriate protective gear, such as gloves, if necessary, to prevent cuts or scrapes from sharp edges or debris.
- Keep small children and pets away from the work area during installation or maintenance.
- If you are unsure about any step, consult a qualified technician or Dyson customer support.

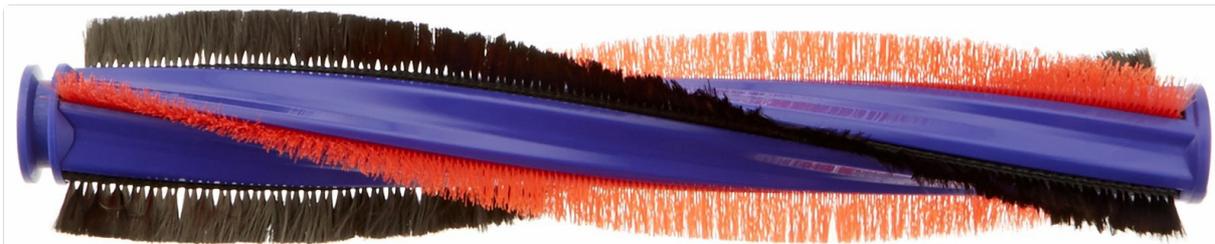
## 3. INSTALLATION (BRUSHROLL REPLACEMENT)

Replacing the brushroll is a straightforward process. Follow these steps carefully:

1. **Prepare the Vacuum:** Unplug your Dyson vacuum cleaner from the wall socket. Lay the vacuum on its back on a clean, flat surface to access the cleaner head.
2. **Access the Brushroll:** Depending on your specific Dyson model (DC52, DC54, or DC78), you may need to open a cover or release latches on the cleaner head to expose the brushroll. Refer to your vacuum cleaner's original manual for precise instructions on how to open the cleaner head.
3. **Remove the Old Brushroll:** Carefully lift out the old brushroll. Note its orientation for correct

installation of the new one. You may need to gently pull it from its bearings or release clips.

4. **Clean the Area:** While the brushroll is removed, take the opportunity to clean any accumulated hair, debris, or dust from the cleaner head housing and bearings.
5. **Install the New Brushroll:** Insert the new Dyson Brushroll (part number 963549-01) into the cleaner head. Ensure it seats correctly into the bearings and aligns with any drive mechanisms. The brushroll should spin freely when properly installed.
6. **Secure the Cleaner Head:** Close and secure any covers or latches on the cleaner head. Ensure all components are firmly in place before proceeding.
7. **Test Operation:** Plug the vacuum cleaner back into the power outlet and turn it on. Listen for any unusual noises and observe if the brushroll spins correctly.



*Image 1: The Dyson Brushroll (part number 963549-01) ready for installation. This OEM part features blue and red bristles designed for effective cleaning.*

## 4. OPERATING INSTRUCTIONS

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Once installed, the brushroll operates automatically as part of your Dyson vacuum cleaner. For optimal performance:

- Ensure the brushroll is engaged when cleaning carpets and rugs to agitate fibers and lift dirt effectively.
- For hard floors, some Dyson models allow you to turn off the brushroll to prevent scattering debris or scratching delicate surfaces. Consult your vacuum's main manual for this feature.
- Avoid running the vacuum over power cords or large objects that could damage the brushroll bristles or mechanism.

## 5. MAINTENANCE

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Regular maintenance of your brushroll ensures consistent cleaning performance and extends its lifespan.

1. **Inspect Regularly:** Periodically check the brushroll for tangled hair, threads, or other debris. Excessive build-up can reduce cleaning efficiency and strain the motor.
2. **Remove Debris:** With the vacuum unplugged, carefully cut and remove any tangled hair or fibers from the brushroll using scissors or a seam ripper. Be careful not to cut the bristles themselves.
3. **Check Bristle Wear:** Over time, bristles can wear down, especially with frequent use on abrasive surfaces. If bristles appear significantly worn or soft, the brushroll's effectiveness on carpets will diminish, and replacement may be necessary.
4. **Clean the Bearings:** Ensure the brushroll bearings are free of debris and spin smoothly.

## 6. TROUBLESHOOTING

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If you encounter issues with your brushroll, consider the following common solutions:

- **Brushroll Not Spinning:**

- Ensure the vacuum is unplugged. Check for tangled hair or debris obstructing the brushroll. Clear any blockages.
- Verify the brushroll is correctly seated in its housing and that any covers are securely closed.
- Inspect the drive belt (if applicable to your model) for damage or dislodgement.

- **Reduced Cleaning Performance:**

- Check for excessive debris wrapped around the brushroll.
- Examine the bristles for wear. If they are significantly worn or flattened, the brushroll may need replacement.
- Ensure the vacuum's filters are clean and the dust bin is empty, as these can also affect overall suction.

- **Unusual Noises:**

- Unplug the vacuum. Inspect the brushroll and cleaner head for any foreign objects lodged within.
- Check if the brushroll is damaged or if its bearings are worn.

## 7. SPECIFICATIONS

<b>Part Number:</b>	963549-01
<b>Brand:</b>	Dyson
<b>Compatibility:</b>	Dyson DC52, DC54, DC78 series vacuum cleaners
<b>Type:</b>	OEM Replacement Brushroll
<b>Dimensions:</b>	Approximately 10 inches (25 cm) in length
<b>Color:</b>	Blue/Red bristles (as pictured)

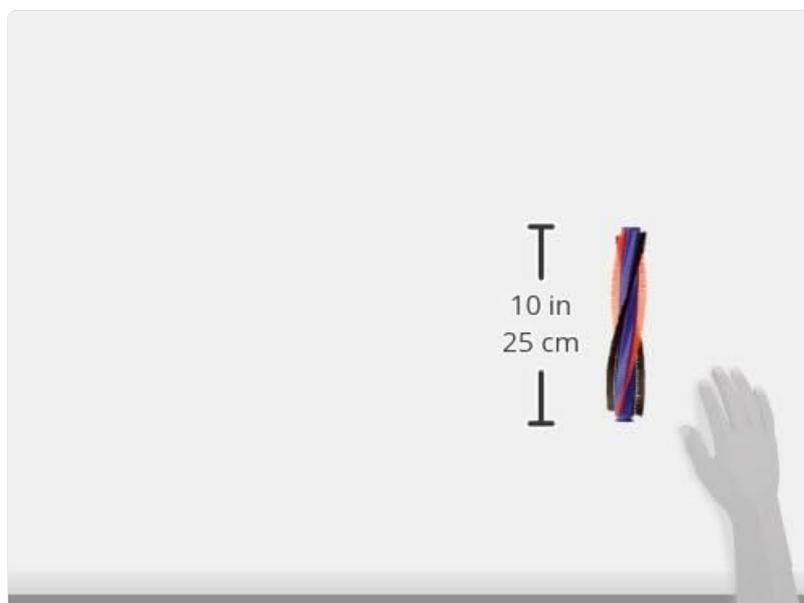


Image 2: Dimensions of the Dyson Brushroll, showing a length of approximately 10 inches (25 cm).

## 8. WARRANTY INFORMATION

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As an OEM (Original Equipment Manufacturer) part, this Dyson Brushroll (963549-01) typically carries a limited warranty against manufacturing defects. The specific terms and duration of the warranty may vary depending on the retailer and region of purchase. Please retain your proof of purchase. For detailed warranty information, refer to the documentation provided with your original Dyson vacuum cleaner or contact Dyson customer support directly.

## 9. CUSTOMER SUPPORT

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For further assistance, technical support, or to inquire about replacement parts, please contact Dyson Customer Support:

- **Dyson Official Website:** [www.dyson.com/support](http://www.dyson.com/support)
- Refer to your original Dyson vacuum cleaner manual for specific contact numbers and service centers in your region.