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› Electrolux Vacuum Power Nozzle Motor PN5 PN6 Uprights Instruction Manual

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Model Compatibility: PN5, PN6

1. SAFETY INFORMATION

Please read all safety instructions carefully before installing or operating the Electrolux Vacuum Power Nozzle Motor. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Disconnect Power:** Always unplug the vacuum cleaner from the electrical outlet before performing any maintenance, installation, or troubleshooting.
- **Qualified Personnel:** Installation and repair should only be performed by qualified technicians or individuals with experience in appliance repair.
- **Original Parts:** Use only genuine Electrolux replacement parts to ensure compatibility and safety.
- **Electrical Safety:** Do not expose the motor or vacuum components to water or excessive moisture. Ensure all connections are secure and insulated.
- **Moving Parts:** Keep hands, hair, and loose clothing away from moving parts during operation.

2. PRODUCT OVERVIEW

This Electrolux Power Nozzle Motor is a replacement component designed for Electrolux PN5 and PN6 series upright vacuum cleaners. It is responsible for driving the brush roll within the power nozzle, ensuring effective carpet cleaning. Proper installation is crucial for optimal performance and longevity of your vacuum cleaner.

3. SETUP AND INSTALLATION

Follow these steps to replace the power nozzle motor in your Electrolux PN5 or PN6 upright vacuum.

3.1. Tools Required

- Screwdriver set (Phillips and flathead)
- Pliers (optional, for stubborn connections)
- Work gloves (recommended)

3.2. Installation Steps

1. **Disconnect Power:** Unplug the vacuum cleaner from the wall outlet.

2. **Access Power Nozzle:** Lay the vacuum cleaner on its back or side to access the power nozzle assembly.
3. **Remove Bottom Plate:** Unscrew and remove the bottom plate of the power nozzle. This usually involves several screws. Keep screws organized.
4. **Remove Brush Roll:** Carefully lift out the brush roll and belt. Inspect the belt for wear and replace if necessary.
5. **Locate Motor:** Identify the existing motor within the power nozzle housing. Note its orientation and wiring connections.
6. **Disconnect Wiring:** Disconnect the electrical wires leading to the motor. Take a photo or make a diagram if unsure about reassembly.
7. **Remove Old Motor:** Unscrew and remove the old motor from its mounting brackets.
8. **Install New Motor:** Place the new Electrolux power nozzle motor into the housing, ensuring it aligns correctly with the mounting points. Secure it with the screws previously removed.
9. **Connect Wiring:** Reconnect the electrical wires to the new motor, matching the connections noted earlier. Ensure all connections are firm.
10. **Reinstall Brush Roll and Belt:** Place the belt around the new motor's pulley and the brush roll. Insert the brush roll back into its position. Ensure the belt is properly tensioned.
11. **Reattach Bottom Plate:** Secure the bottom plate back onto the power nozzle using the screws.
12. **Test Functionality:** Plug the vacuum cleaner back into the outlet and briefly turn it on to ensure the brush roll spins correctly. Listen for any unusual noises.

4. OPERATING INSTRUCTIONS

Once the new power nozzle motor is installed, the vacuum cleaner should operate as intended.

- Ensure the power nozzle is properly attached to the vacuum body.
- Turn on the vacuum cleaner. The power nozzle motor will activate, spinning the brush roll for effective cleaning.
- Adjust the height setting of the power nozzle if your model allows, to suit different carpet pile heights.

5. MAINTENANCE

Regular maintenance helps prolong the life of your power nozzle motor and ensures optimal vacuum performance.

- **Brush Roll Cleaning:** Periodically remove hair, threads, and debris from the brush roll. Excessive entanglement can strain the motor.
- **Belt Inspection:** Check the drive belt for signs of wear, cracking, or stretching. Replace the belt if it appears damaged or loose.
- **Housing Inspection:** Ensure the power nozzle housing is free from obstructions that could impede the brush roll or motor.
- **Motor Ventilation:** Keep the vacuum's air vents clear to prevent the motor from overheating.

6. TROUBLESHOOTING

If you encounter issues after installing the new motor, refer to the following troubleshooting guide.

Problem	Possible Cause	Solution
Brush roll not spinning	Vacuum unplugged	Plug in vacuum
	Power switch off	Turn on power switch
	Belt broken or dislodged	Inspect and replace belt
	Brush roll jammed with debris	Clear brush roll of obstructions
	Wiring issue	Check motor wiring connections

Problem	Possible Cause	Solution
Unusual noise from power nozzle	Debris in brush roll or motor area	Clean brush roll and housing
	Worn belt	Inspect and replace belt
	Motor not seated correctly	Recheck motor mounting screws
Motor overheating	Blocked air vents	Clear all air vents
	Excessive strain on motor (e.g., jammed brush roll)	Remove any brush roll obstructions

If problems persist after following these steps, contact Electrolux customer support or a certified service technician.

7. SPECIFICATIONS

- **Product Type:** Replacement Power Nozzle Motor
- **Compatibility:** Electrolux PN5 and PN6 Upright Vacuum Cleaners
- **Part Number:** (Refer to product packaging)
- **Voltage:** (Typically matches vacuum's operating voltage, e.g., 120V AC - *Consult your vacuum's manual for specific voltage requirements*)
- **Material:** Durable electrical and mechanical components

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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