

CHANGING THE BRUSH ROLLER

-Changing the brush is not difficult but you may want your dealer to replace it while inspecting other components for wear.

-Remove bottom cover from brush housing.

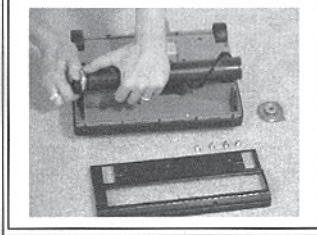
- rotate the brush out from housing

-Pull off right support bearing (non belt side).

-Hold pulley with one hand and turn the brush 1/4 turn (clockwise). Pull brush off shaft.

-When necessary replace brush bearings and brush shaft.

- Assemble the new brush following in reverse order the above instructions.



M30e-M30esc

M38e-M38esc

PB 12 electronic

PB 14 electronic

- **OWNERS GUIDE**

- *ELECTRONIC POWER NOZZLE*

M.D. Manufacturing Central Vacuums
300 Wood St. Bakersfield, CA 93307

www.centralvacuum.com

"For the health of your home."

1-800-997-2278 M-Th 7-5 PST




- MANUFACTURER
- COSTRUTTORE
- ERBAUER
- CONSTRUCTEUR
- CONSTRUCTOR

 **LINDHAUS**® Srl

Via Belgio,22 - Zona Ind.
35127 PADOVA - ITALY

SPECIFICATIONS


POWER HEAD

- Voltage (see data plate on the machine)
- Input power 150 W
- Notched commutator
- Rotor assembled on two balls bearings
- Electronic overload control
- Double insulation 
- Brush height adjustment 1 + 10 mm
- Width: 12" (300mm) - 15" (380mm)

DECLARATION OF CONFORMITY

In conformity with the following standards:
EN 60 335-1: 1995, EN 60 335-2-2:1995, EN
61 000-3-2: 1995, EN 61 000 3-3: 1995, EN
55014: 1993. Directives of reference: CEE
73/23, CEE 93/68, CEE 89/336

APPROVALS:

Europe:  IMQ

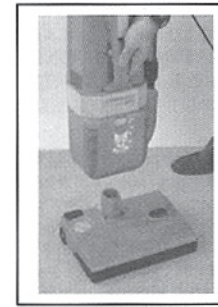
U.S.A. and Canada  ETL

**WHEN USING AN ELECTRICAL
APPLIANCE, BASIC PRECAUTIONS
SHOULD ALWAYS BE FOLLOWED,
INCLUDING THE FOLLOWING**

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions
carefully

- Always disconnect the plug when the machine is not in use and before doing any maintenance or cleaning of the machine.
- Do not use on any wet surface.
- The plug should not be subjected to undue stress by pulling on the power supply cable.
- Do not leave the machine unattended when it is on and don't allow the machine to be used as a toy.
- Do not use where there are unsupervised young children.
- Always keep hands, hair, feet and clothes away when the machine is on.
- Do not vacuum over electrical cord, it becomes damaged and creates an electrical hazard. If the machine appears to be faulty, do not use it. Return it to your authorised dealer for service.
- Do not suck up matches, ash or cigarettes that are still burning
- Do not suck up inflammable liquid materials or any other liquid material.
- Avoid vacuuming hard or sharp objects or damage may result.
- Use the machine only for what it is meant for, and as described in the instructions.
- Do not switch on again a machine that seems to be faulty.
- Use and keep this machine in a dry environment and at a temperatures between +5°C ÷ +35°C (+41°F ÷ +95°F)
- Do not expose to the sun and UV rays

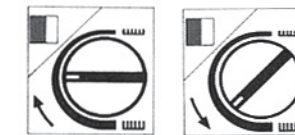
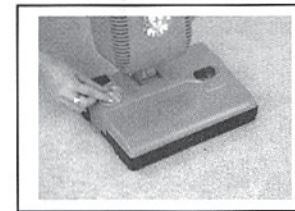


OPERATING INSTRUCTIONS

Switch on the machine (power switch), depress the foot pedal (by foot) and move the vacuum body in working position. The brush motor will automatically turn on.

BRUSH HEIGHT ADJUSTEMENT

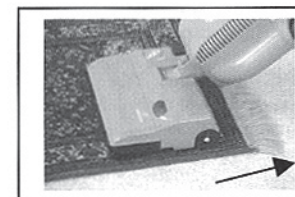
Your power nozzle has several built in safeguards to protect components from overload damage. The electronic circuitry that operates the red light on the base indicates that the motor is overloading because the brush height is set too low or there are debris hindering the movement of the brush roller. If the overload is excessive the circuitry will shut off the brush motor and the red light will stay on until the problem is corrected. When the problem is corrected turn the switch off, wait for a moment and turn it back on. Make sure you unplug the machine while inspecting the brush roller for debris.



STEP 1: With machine on and handle in normal operating position, slowly rotate brush adjustment knob clockwise until red light turns on.

STEP 2: Turn brush adjustment knob slowly counterclockwise until red light turns off.

NOTE: If the red light goes on and off intermittently while vacuuming, this is correct. If the red light stays on all the time, turn the knob as STEP 2.



In case of fringed carpets the machine must be used from the centre to the outside. With one colour carpet or those whose weaves have tendency to form lines, it's better to follow the direction of the material to get a consistent surface appearance.