

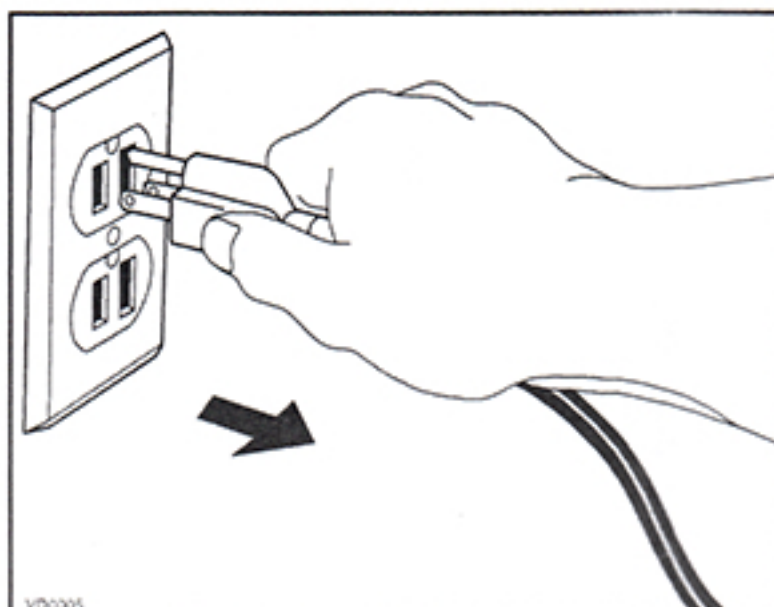
# INSTRUCTION SHEET

240 V MOTOR REPLACEMENT

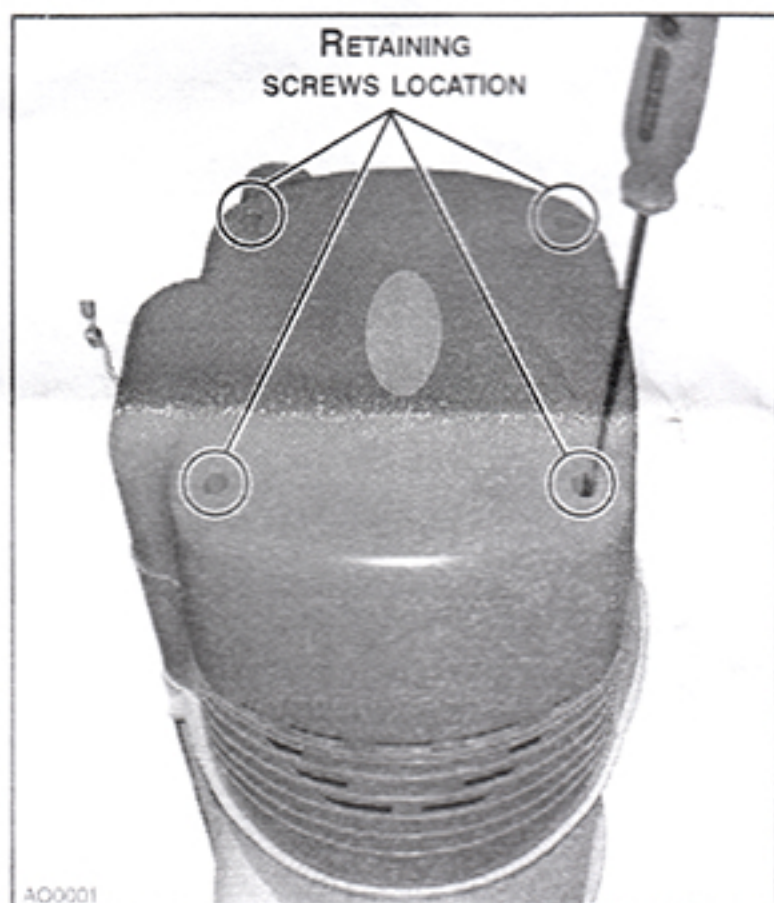
APPLIES TO THE FOLLOWING CENTRAL VACUUM UNITS:  
BROAN VX12000C AND NuTONE VX1040CC

NOTE: Although most of the following pictures show a single motor unit, this instruction sheet applies either to left or right motor replacement.

- 1 Turn OFF and unplug the unit.



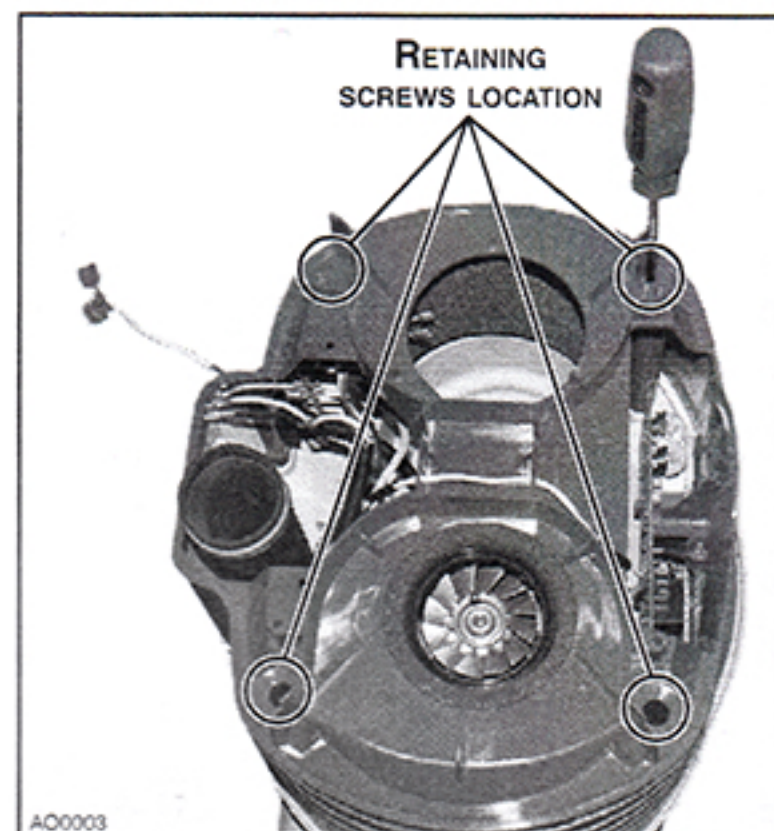
- 2 Using a long blade Phillips screwdriver, remove the 4 screws retaining the top cap to the unit. Detach the top cap and set aside.



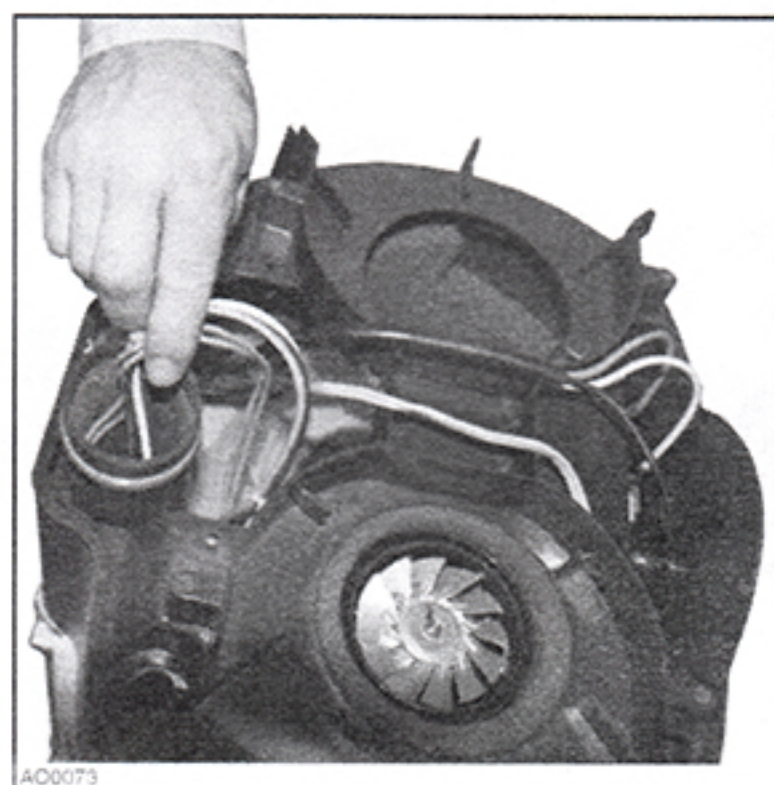
- 3 Remove the top foam from the unit and set aside.



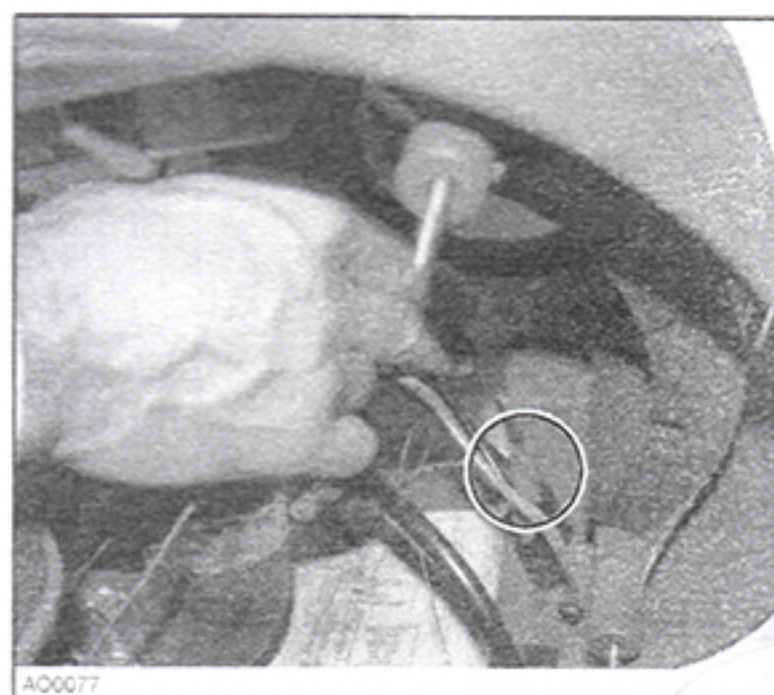
- 4 Using a long blade Phillips screwdriver, remove the 4 screws retaining the motor chamber to the unit.



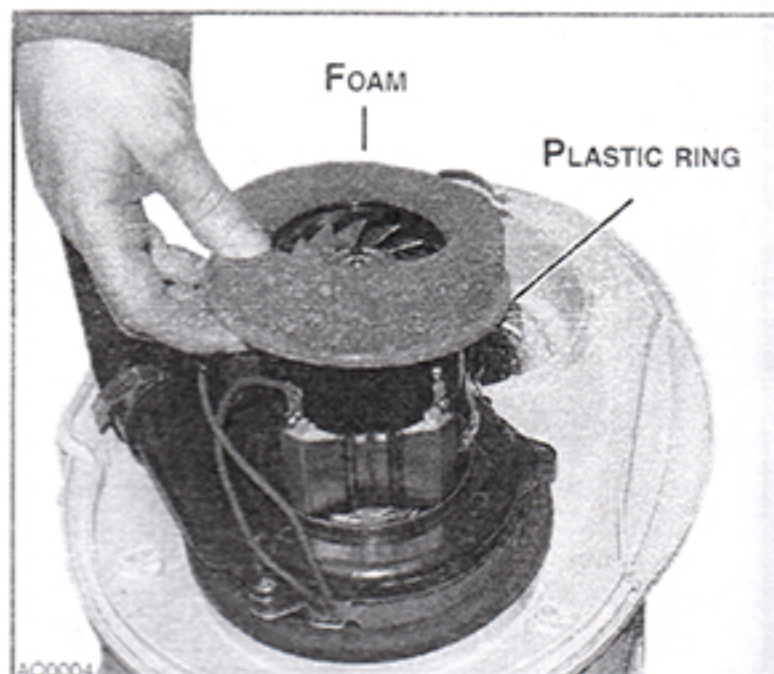
- 5 Unplug 2 wires coming from the defective motor and 2 wires from its thermal protection from the mother board top edge. Unsnap these wires from center of motor chamber and insert into motor pipe.



- 6 Lift motor chamber and disconnect the BLACK motor wire from right or left side circuit breaker terminal located inside motor chamber. Remove motor chamber and set aside.



- 7 Remove the foam and the plastic ring from motor top and set aside.



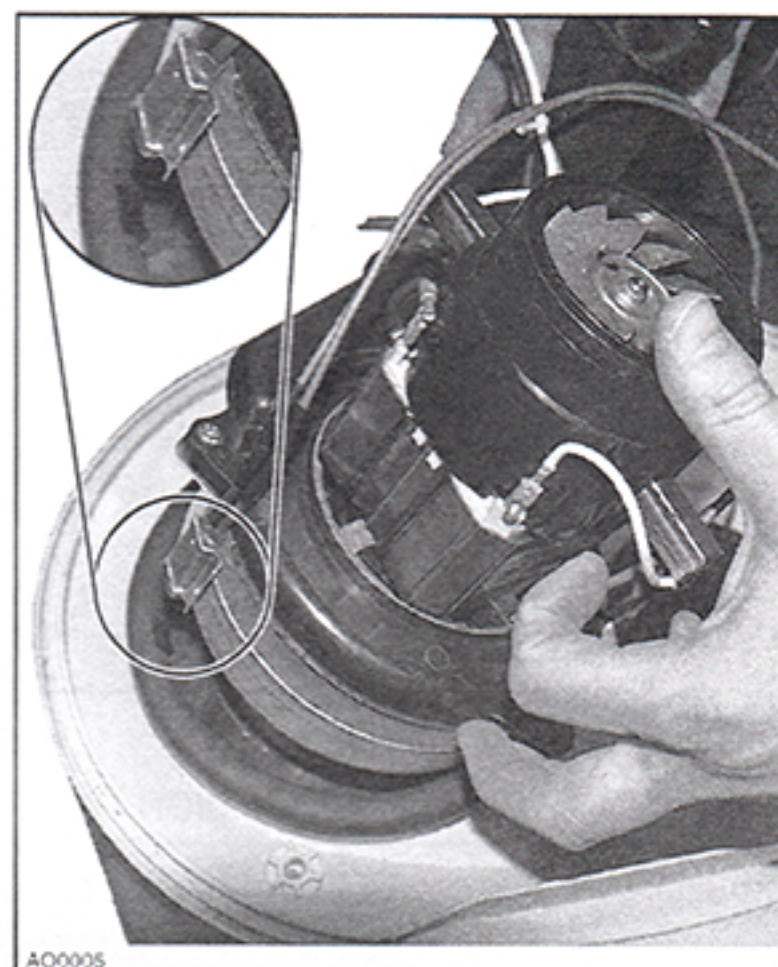


- 8 Pull the defective motor out of the unit while holding down the black rubber ring (A).



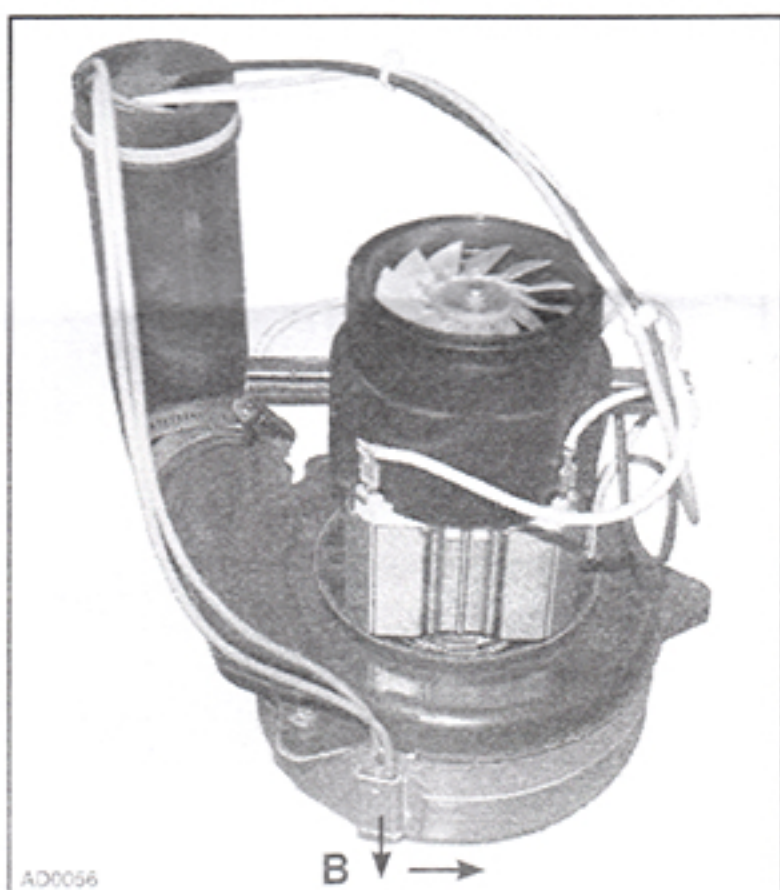
**FOR ALL CENTRAL VACUUM MODELS REGARDLESS OF THEIR SERIAL NUMBER.**

- 10 Install the new motor.  
NOTE: Be careful to insert the motor thermal protection in its special groove in the unit.

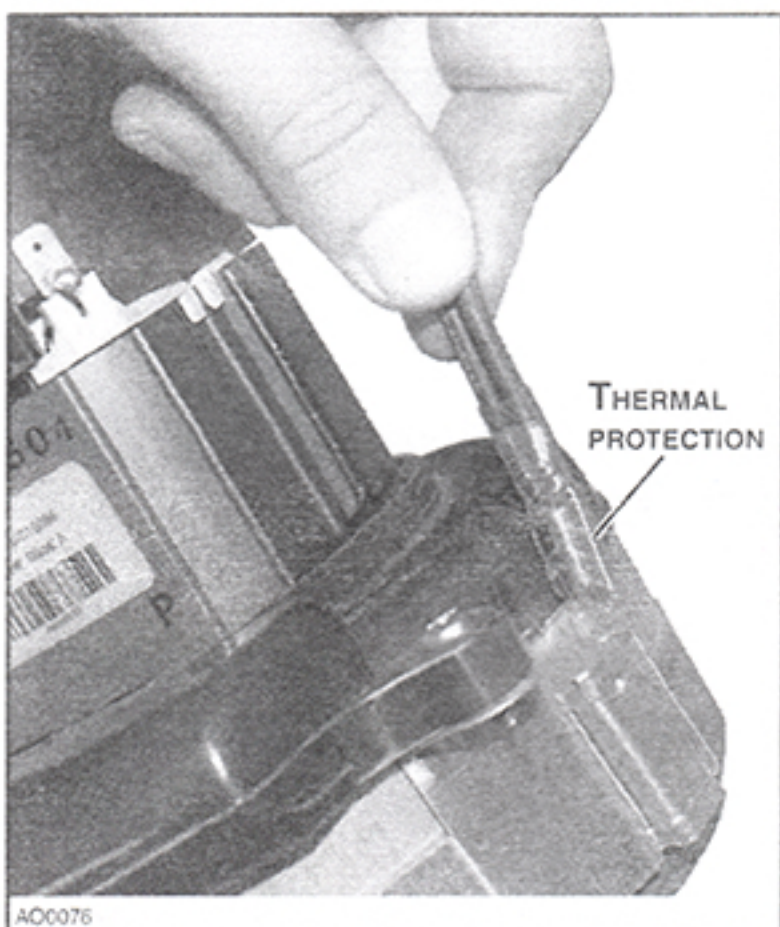


**FOR CENTRAL VACUUM MODELS HAVING A SERIAL NUMBER STARTING WITH: AI02, AJ02, AK02 OR AL02 ONLY.**

- 9 Remove new motor thermal protection and discard.  
NOTE: Push thermal protection down and slide to the side to remove (B).

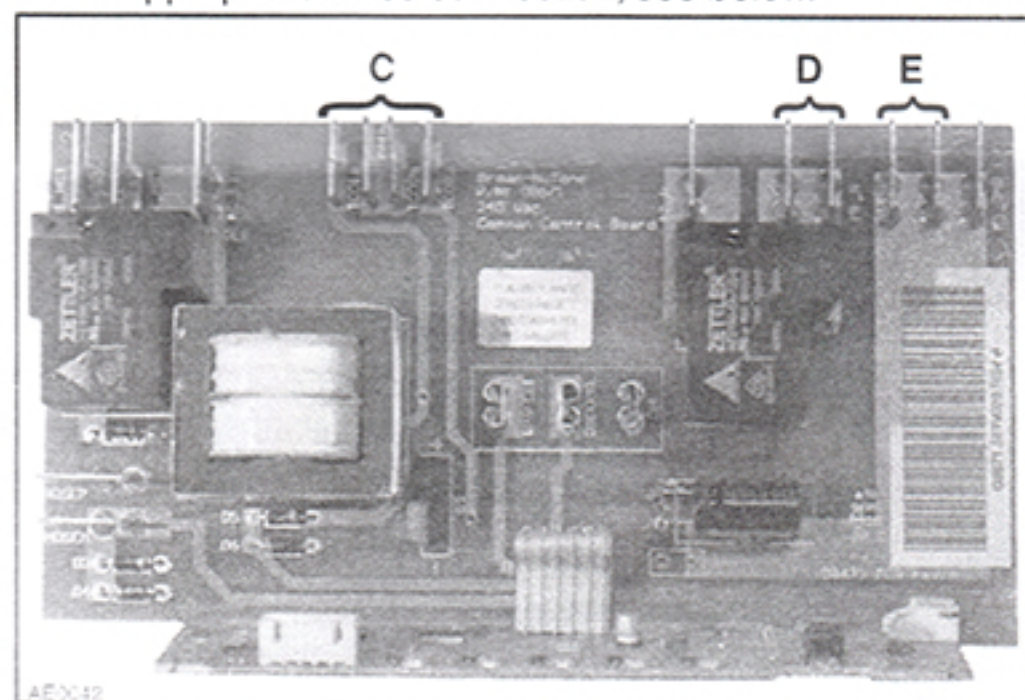


Remove thermal protection from defective motor and install on new motor.  
NOTE: Ensure the silver side of the thermal protection is facing the motor.



- 11 Finalise the installation by reversing steps 7 to 1.

NOTE: According to the manufacturer, the new motor can have one BLACK wire and one WHITE wire OR two BLACK wires. Perform the appropriate wires connection; see below.



**MOTOR WITH ONE BLACK WIRE AND ONE WHITE WIRE:**

- C: Thermal protector both BLUE wires (2 of these 4 terminals)  
D: Motor WHITE wire (1 of these 2 terminals)  
E: Motor GREEN wire (1 of these 2 terminals)

**MOTOR WITH TWO BLACK WIRES:**

- C: Thermal protector both BLUE wires (2 of these 4 terminals)  
D: Motor BLACK wire, no matter the wire (1 of these 2 terminals)  
E: Motor GREEN wire (1 of these 2 terminals)

