



NC31/32 & NC51

*NEVER RUN THE MOTORS OUT OF THE WATER FOR MORE THAN 10 SECONDS.

Customer says that the cleaner doesn't work:

1. Examine the cleaner, make sure that there's no obstruction in the wheels and/or propeller.
2. Verify the power supply's voltage by inserting the 2 probes of the multimeter into the 2 metallic cavities of the power supply's outlet. **Desired voltage: 30 VDC.**

Sufficient voltage?

YES: Continue to the next step

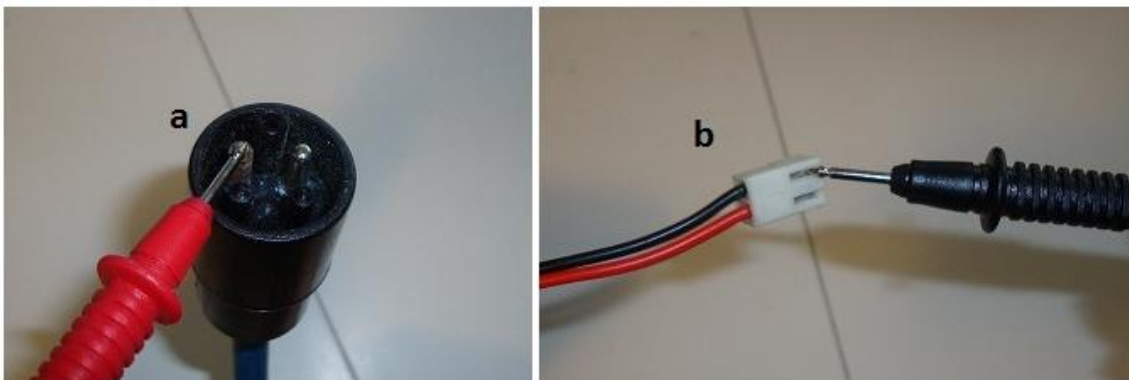
NO: Replace the power supply

3. Plug the cable into the power supply and turn it on. Does the pump motor activate?

YES: Continue to the next step

NO: Defective pump motor or cable

Open the pump motor's casing and check the cable's continuity by using the Ohms setting on your multimeter. (Place one multimeter extremity on one of the cable's poles **(a)** and the other probe at the cable's opposed connection **(b)**) Check that both conductors function.



The cable is functional?

YES: Replace the pump motor and continue to the next step.

NO: Replace the cable and continue to the next step .

4. The brushes (drive motor) turn?

YES : Continue to water test

NO: Drive motor is defective. Replace the drive



WATER TEST

1. Connect the cable to the power supply, place the cleaner in the water tank and turn it on. The pump motor should activate and a few seconds later as the drive motor turns on the cleaner should start moving forward

- When the cleaner meets a wall, it should stop for a few seconds and either change direction or climb the wall.

* If the cleaner doesn't change direction once it has met an obstacle, the wheel sensors might be defective (This can be diagnosed with the Ohms setting of your multimeter)



INSTALLATION OF THE FILTER BAG

An improper installation of the filter bag can affect the performance of the cleaner.



Proper installation



Improper installation



OTHER DOCUMENTATION

Repair videos available at :

<http://maxi-pool.com/website/repairvideos.html>

1. Replacing the pump motor
2. Replacing the brushes
3. Check and replace the cable
4. Change the quick drain flap
5. Replacing the drive motor
6. Changer l'anneau en mousse
7. Change the propeller cover
8. Testing the power supply