

PROBLEM**SOLUTION****The PoolCleaner does not move.**

- ★ Check wheel RPM.
- ★ Obstruction in the PoolCleaner itself. If there was an obstruction make sure vanes are replaced correctly
- ★ The pump may be turned off or on low speed.
- ★ The pump may not be primed. Check for leaks in the system (symptoms--bubbles from the returns ?) Possible other problem or obstruction in the system. Pump impeller blocked?
- ★ Filter needs backwashing. Clean pump basket, skimmers.
- ★ Turbine vanes/blades in wrong direction and/or wrong side.

The PoolCleaner moves too slow.

(see also "does not move" above)

- ★ Problem or obstruction in the system.
- ★ Obstruction in the PoolCleaner itself.
- ★ Low wheel RPM (insufficient flow).

The right wheel will not turn when rotated by hand. (looking from behind)

- ★ Obstruction in the PoolCleaner itself.

The right wheel skips teeth when rotated forward by hand. (looking from behind)

- ★ Wheel hub or right drive gear worn/damaged.

The loops in the hoses won't come out.

- ★ The hoses have been stored in a coiled position. Lay them straight in the sunlight.
- ★ Clean swivel on cleaner head by running it under a tap.
- ★ If using a leafcanister it may be in wrong place or not floating.

The PoolCleaner turns in circles, it won't go straight at all.

- ★ Wheel hub and/or large drive gear and/or steering slide assembly and/or right drive gear are worn or damaged.

The PoolCleaner does not clean the entire pool.

- ★ The hose is too short.
- ★ The float(s) may be in the wrong position. Should be 22-24" from cleaner head.
- ★ The Hose Cone Swivel (on the turbine cover) may be dirty.
- ★ The return fittings may be pushing the PoolCleaner hoses away. Point them down.

The PoolCleaner climbs the wall too much or climbs out.

- ★ The tire treads and skirts may be worn down.
- ★ Too much suction or flow.
- ★ You are not using the Bypass Valve (if hook up is in skimmer).
- ★ Auto skim plate/vac plate needs adjustment.

The PoolCleaner won't climb the wall.

(see also "moves too slow" above)

- ★ Too little suction or flow.
- ★ Float may be in the wrong position.

When the pump turns off the hoses pop out of the skimmer or suction inlet.

(another symptom of air is a cleaner floating)

- ★ Make sure hose cone is properly placed into inlet/port/watergate.
- ★ Air in system. When pump shuts off air goes path of least resistance and pops out the hose. Fix air leak.

Wheels are wobbly.

- ★ **DO NOT OVER TIGHTEN.** Wheel hubs are worn please replace.

The PoolCleaner falls on its side and takes too long to recover.

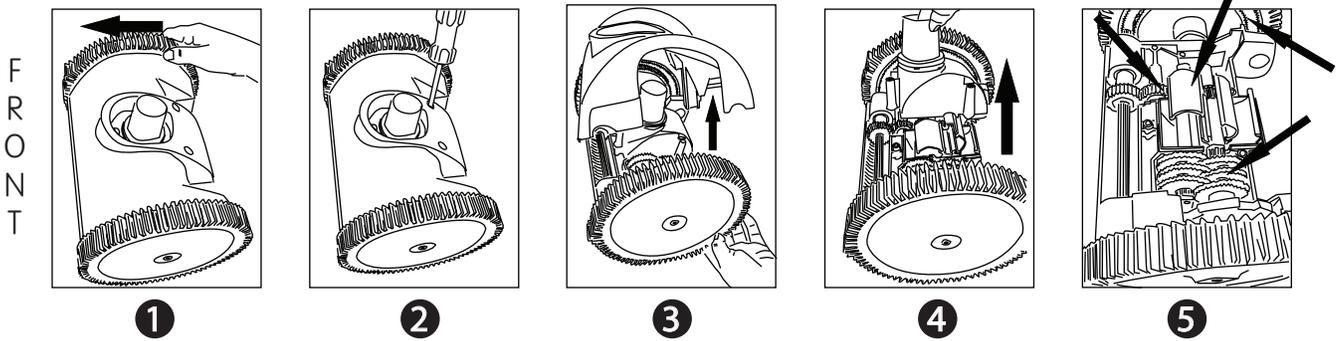
- ★ The float(s) may be in the wrong position or missing.
- ★ The hose is too short.
- ★ The return fittings may be pushing the PoolCleaner hoses away.
- ★ Check wheel RPM.

Turbine vanes /blades pop out of turbine.

- ★ Wrong side of vane in the turbine hub. Large elliptical side should be in turbine.
- ★ Turbine hub possibly worn.

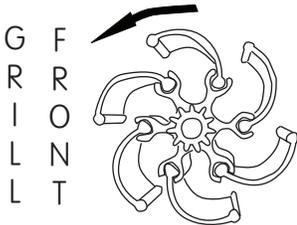
ALWAYS TURN OFF THE SYSTEM BEFORE PERFORMING ANY REPAIRS.

POOLCLEANER OBSTRUCTION

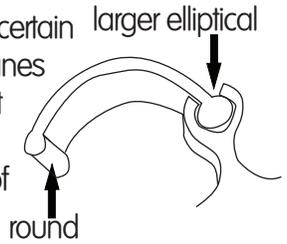


1. Rotate the right front wheel forward (the grill is the front) . If it wont move there is an obstruction. 2. Remove the three screws that hold the Shroud (Top Cover). 3. Remove the Shroud. 4. Remove the turbine cover (wiggle it up and off) 5. Visually inspect the cleaner. Remove any debris found in the turbine, reduction gears, wheel hubs etc.. If you remove the turbine vanes/blades please be sure to replace them correctly (see below). Replace the turbine cover and repeat step one before placing the shroud back on, drop 3 screws into slots and secure.

TURBINE VANES/BLADES

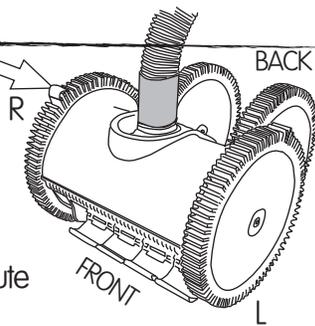


B The turbine vanes have to be placed in the turbine hub a certain direction. We use the following mnemonic " The turbine vanes are like a wave breaking on the grill". In the front of the unit the vanes are convex (like a mountain) in the back they are concave (like a valley). **NOTE:** The large elliptical end of the vanes is placed into the turbine.



RPMS

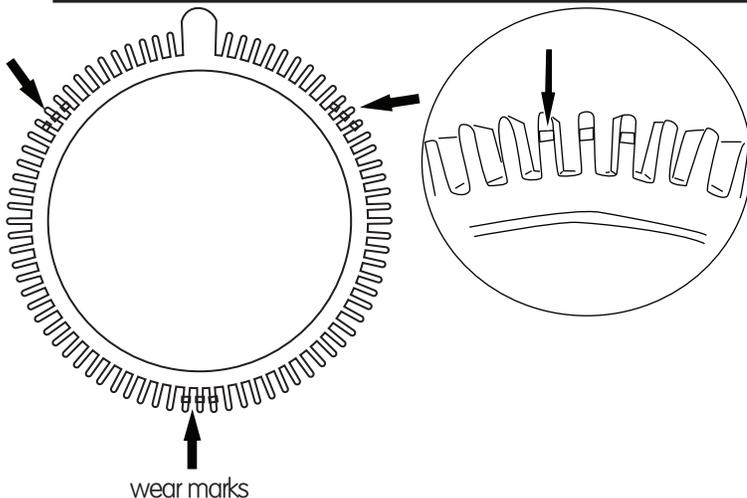
Count RPM here at the hump on the RIGHT FRONT WHEEL



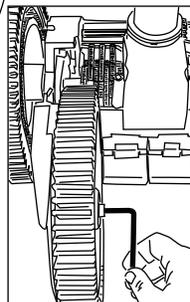
RPM=revolutions per minute

While the POOLCLEANER™ is running take it by the leader hose so that the POOLCLEANER™ is just below the water. (KEEP THE CLEANER BELOW THE WATER LEVEL or else it will suck air). Now count the number of revolutions made per minute by the RIGHT FRONT WHEEL by using the hump (raised knob) as your marker. It should be between 11 and 14 RPM

TIRES



The tires must be replaced when they are worn down to the tread wear indicators. Note: if you cant see them you are worn past them.



Please note: in order to replace back tires you will first have to remove the shroud, then remove the wheel and only then can you take the tires off the wheel hub.