

LS 4 LEVEL SWITCH

Troubleshooting



NO POWER TO LED LIGHTS:

Power point is faulty. Test power point with a known working appliance. If the power point is operational, check the controller in another power point and if there is still no power then send the controller for repair.

FILLING FAULTS:

POOL WILL NOT FILL:

The controller will only ever run for the purpose of automatic filling if the pool is below the desired level set with the level switch.

Check and make sure that the controller has power.

Make sure that the fill light is lit (solid light) and you can hear the solenoid working or see water going into the filling pipe. If controller Fill light is on but no water is going into the fill pipe, the solenoid may need to be replaced.

Check and make sure that both the level sensor and the water solenoid are plugged into the controller in their appropriate locations and check the wiring into the plugs.

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Check and ensure that the level sensor is set to the appropriate level, otherwise adjust level sensor to required depth [see Setting the System]. May need to flush any air out of the pipework if sensor keeps reading incorrectly.

Check the water inlet tap or isolating valve to ensure they are not closed.

Make sure there is no blockage in the pipe leading back to the level sensor and fill point.

You can check the level switch by unscrewing the wires from the plug and install a loop of wire. If the controller starts filling, then there is an issue with the level switch and it needs replacing. If the controller doesn't start filling, there may be an issue with the controller. Send the controller in to be repaired.

POOL IS OVER FILLING:

Partially close the isolating tap [before the solenoid] to reduce the amount of water put into the system.

Make sure there are no **Undulations** in the pipework between the pool and the level sensor.

Test level sensor by loosening the locking nut and sliding the level sensor downwards. Make sure the fill light goes out. Re-set level sensor to suit appropriate system water level. If the fill light doesn't go out, the level sensor may need to be replaced. May need to flush any air out of the pipework, if the sensor keeps reading incorrectly.

Check controller – is fill light on -no, is there water filling into the fill pipe – if yes, Then the solenoid needs to be replaced.