DELABIE | DVS

Fault finding – D166 (Pig Sensor)

Fault	Possible cause	Check
Solenoid valve does not operate at all.	No voltage to power supply unit (240 volts).	Check that the fused spur is working and that the correct fuse is fitted.
	No voltage out of power supply unit (6 volts).	With a meter check that you have 6 volts coming from the transformer.
	No voltage from control box	Remove fuse on control board and test, if faulty replace with spare fuse. (spare fuses supplied with each control box).
	Plug fitted incorrectly on solenoid valve.	Make sure the plug is fitted the right way, the cable should be coming out away from the valve body
	Loose connection on plugs.	Check all connections making sure they are tight.
Solenoid valve operates but there is low flow or no flow.	Isolation valve turned off or not fully open.	Check isolation valves are fully open.
	Valve fitted the wrong way round.	Check direction of solenoid valve.
	Dirt in the valve or pipe work.	Remove solenoid valve and flush through refit and test.
	Is the correct valve installed for the water pressure.	Check that the solenoid valve installed is suitable for the pressure, if in doubt refer to manual or contact DVS.
Intermittent operation	Loose connections on plugs.	Check all connections making sure that they are tight.
	Active IR range not set properly.	Check range on sensor reset if necessary (refer to instructions).
	Dirt or scratched lens on front sensor.	Check lens making sure that there is no dirt or deep scratches on them.
	Valve plugs connection.	Make sure that the valve plug is tight.
Urinal bowl does not get enough water	Not enough flow through solenoid valve.	Check valve operation refer to DVS if necessary.
	Timing to short.	Check valve open time adjust timings (refer to manual).
Too much water splashes over bowl on to the floor	Too much flow through valve	Fit flow restrictor after solenoid valve (do not fit restrictor before solenoid valve).
	Sparge pipe partly blocked causing the water to spray out the side	Clean out spreader and sparge pipe and flush through.

Please note you must press the reset button on the board after making any changes.