

**DISHWASHER STOPPED WITH ALARM i20 OR LONG INTERMITTENT
DRAINING WITH NO ALARM.**

DESCRIPTION:

It has been noticed from the Field that in some cases the dishwashers are blocked in the following conditions:

1. Dishwashers stopped with alarm i20 (Drain problems) even if the water was drained and the sump is empty
2. Intermittent draining, at the beginning of the cycle, for a long time but NO ALARMS shown

SERVICE INSTRUCTIONS:

1. Dishwashers stopped with alarm i20 (Drain problem) even if the water was drained and the sump is empty

In all the cases occurred the pressure sensor detects an incorrect value and outside the range limits. The problem can occur for the following reasons:

a) Dirty Filters

Dirty filters do not permit the complete drain of the water and the pressure sensor detects an incorrect value outside the limits defined.

Clean the filters and recommend to the Customer a frequent maintenance of the appliance for a good performance.

b) Water inside the pressure hose or pressure sensor support

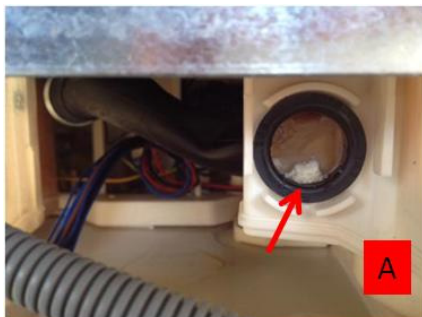
Pressure sensor circuit is not well close. Vent from pressure sensor support or hose junctions. During transport/handling, if the dishwashers is turned upside down, the eventual residual water into the sump, can reach the connecting hose sump/pressure sensor, altering the reading of the sensor.

Dry or replace the parts.

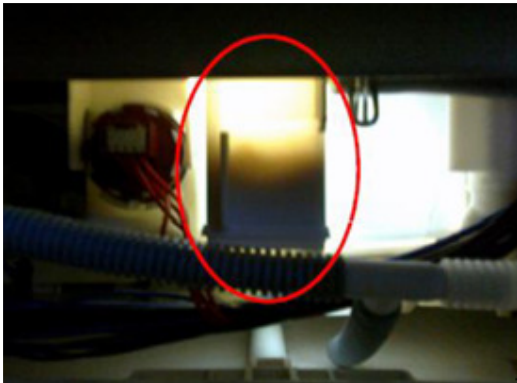
c) Air trap of the sump dirty

Usually it happens after a period of use of the dishwashers, in combination with heavy soil and light cycle used by the Customer (example 30min.). To have evidence of this, can be useful to check in the sump of the seat of the temperature sensor.

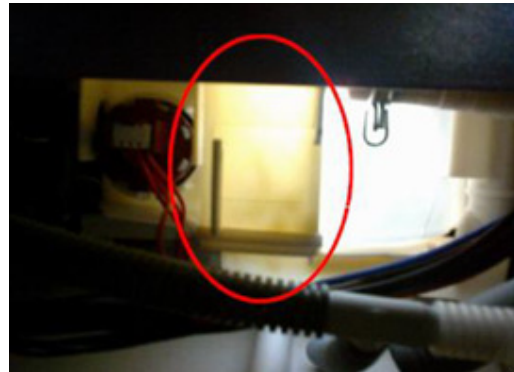
If it is dirty, also the air trap probably is dirty (see fig. A):



With the light of a torch inside the sump it is possible to see if the air trap is dirty.



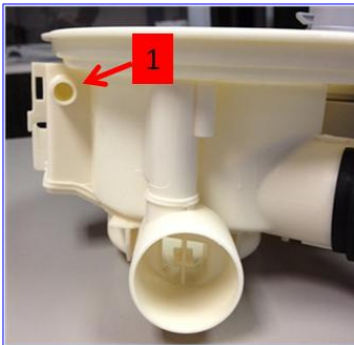
Sump: air trap dirty.



Sump: air trap clean.

Flow water in the air trap from the external pipe of the sump (fig.1) for some seconds and with a sufficient pressure to clean all the dirt/grease inside (fig.2).

If possible, is recommended to do this cleaning operation by connecting a hose to the tap water.

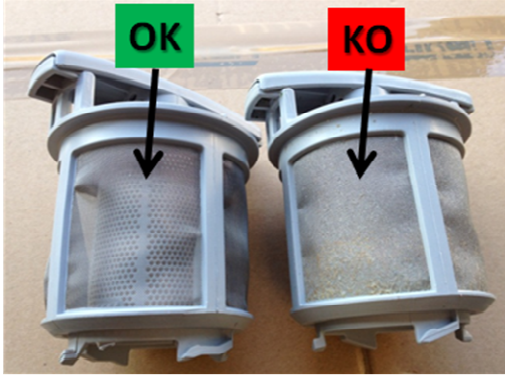


Important: After the cleaning operation run the line test cycle in order to allow correct calibration of the sensors.

IF during the line test, alarm i20 appears again (after about 4-5 min.) it is necessary to reprogram the Main Board software to make sure that alarm i20, stored in the deep memory, is cleared.

2) Intermittent draining at the beginning of the cycle for a long time but NO ALARMS shown

It occurs when, during the washing resins phase (usually at the beginning of the cycle), the pressure sensor detects a water level inside the sump, out of range. This is due to the drain filter clogged, which does not allow to drain the water until the correct level. The dishwasher continues to fill and drain until the level inside the sump is correct for the pressure sensor



Clean the filter in all its parts and recommend to the customer a frequent maintenance of the appliance for a good performance



NB: The dirty filter can cause also an abnormal (higher) water filling, with an impact on the functionality and performance of the appliance

MODELS CONCERNED:

All new DIVA2 models 60cm and 45cm:

- 60cm DIVA2: 4th Digit PNC = 9114xxxx
- 45cm DIVA2: 5th Digit PNC = 91165xxxx - 91166xxxx - 91167xxxx - 91168xxxx

REVISION:

Revision	Date	Description	Author	Approved by - on
01	04/2014	Improved filter cleaning instructions	Krzysztof Łazowski	Claudio Pigaiani – 09.04.2014
00	07/2012	Document creation	PR	