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## TECHNICAL INFORMATION

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### WET APPLIANCES

**4-027-0710**

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#### 1. TEST PROGRAM FOR PROLOGICAL AND PININFARINA WASHING MACHINE

Washing machines Prological and Pininfarina have installed electronic timer with programmed two testing programs "t1" and "t2". Testing program "t1" is a short program ( $\cong$  2 minutes), it does not report the defects, however it enables fast visual control of the operation of the appliance. Testing program "t2" is a longer one ( $\cong$  9 minutes) and at the end it reports the defect, if any of the electromechanical components do not work properly. The timer is not testing itself, but the other components (except for the defect F31). At the end of testing programs the timer writes out the most important defect and/or signal "End" if there were no defects found.

##### 1. Start of testing program "t1"

This program is started by pressing down the keys for extra rinse and pre-wash at the same time (for models with two displays), or the keys extra rinse and reduced spinning rate (for models with one or no display) and start the appliance. The program is activated only in case when program selector dial is not on position STOP or "0".

Upon start of the program the following is displayed:

- on models with two displays: - right display shows "t1"
  - 5 washing phase indicator lights are lit
- on model with one display: - the display shows "t1"
  - 5 washing phase indicator lights are lit
  - indicator light over reduce spinning rate button is flashing
- on model without display: - 5 washing phase indicator lights are lit
  - indicator light over reduce spinning rate button is flashing

Testing program is carried out automatically after 6 seconds.

##### 1.1. The course of testing program:

- pump start
- 30" distribution
- 30" spinning up to 1000 r.p.m. (when drum stops, the upper indicator light for washing phase goes out)
- water intake: - 10": pre-wash valve
  - 10": washing valve
- up to the pressure switch level: both valves (water runs in all three compartments)  
(after each water intake one of the washing phase indicator light goes out)

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- heater ON
- delicate washing: 10" at a standstill, 5" motor turning right
- turn OFF the heater, motor, ... (door lock turned ON due to water in the appliance)  
(all washing phase indicator lights go out)

#### **1.2. End of testing program**

End of testing program is also dependent on the model (if there is right display or not):

- model with two displays: - signal "End" flashing on right display
- model with one display: - signal "End" flashing on the display  
- indicator light over reduce spinning rate button goes out
- model without display: - indicator light over reduce spinning rate button goes out

#### **2. Start of testing program "t2"**

This program is started by pressing down the keys for extra rinse and short program at the same time and start the appliance. The program is activated only in case when program selector dial is not on position STOP or "0".

Upon start of the program the following is displayed:

- models with two displays: - right display shows "t2"  
- 6 washing phase indicator lights are lit
- model with one display: - the display shows "t2"  
- 6 washing phase indicator lights are lit  
- indicator light over short program button is flashing
- model without display: - 5 washing phase indicator lights are lit  
- indicator light over short program button is flashing

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Testing program is carried out automatically after 6 seconds.

#### **2.1. The course of testing program:**

- water intake: - 10'': pre-wash valve
- 10'': washing valve
- up to the pressure switch level: both valves (water runs in all three compartments)  
(after each water intake one of the washing phase indicator lights goes out)

If there is water already in the drum up to pressure switch level, the appliance will skip the water intake function – three indicator lights go out immediately. If only a small amount of water is needed, the appliance will intake the water up to required level and STOP the filling function – first indicator light does not go out immediately, after that all three lights go out.

- heater ON
- delicate washing: 10'' at a standstill, 5'' motor turning
- turn OFF the heater and delicate washing, when water temperature rises by 15°C with regard to the temperature of filling water  
(fourth indicator light for washing phase goes out)
- pump start (proceeds when water level falls below the pressure switch level)  
(fifth indicator light for washing phase goes out)
- 30'' distribution
- 20'' spinning up to 1000 r.p.m.
- 20'' max spinning depending on the model  
(when the drum stops, the sixth and last indicator light for washing phase goes out)

#### **2.2. End of testing program**

End of testing program is also dependant on the model (if there is the right display or not). In case when there is no defect found, the program terminates:

- model with two displays: - signal "End" flashing on right display

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- model with one display: - signal "End" flushing on the display
  - indicator light over reduce spinning rate button goes out

- model without display: - indicator light over reduce spinning rate button goes out

Signal "End" flushes until the door blockade is released (max 2 minutes). After that the signal is constant until the appliance is switched OFF.

In case of the defect, program ends as follows:

- two displays: - the right display shows most significant defect (e.g.: "F32") -  
corresponding washing phase indicator lights are on (e.g.: first indicator light for defect "F1")
- one display: - the right display shows most significant defect
  - indicator light above key SHORT PROGRAMM is on
  - corresponding washing phase indicator lights are on
- without displays: - indicator light above key SHORT PROGRAMM is on
  - corresponding washing phase indicator lights are on

Number of defect is visible until the machine is switched on.