

## SERVICING INSTRUCTIONS

### WASHING MACHINES

**4-022-0416**

#### PG5 - FAILURES

FAILURE	SHORT DESCRIPTION	DESCRIPTION	FAILURE DISPLAY
F1	connection to temperature sensor open or short-circuited	The failure is set, if the connection to the temperature sensor is open or if there is a short circuit between the two terminals of the sensor. The washing program will be ended without heating. The failure will be displayed at the end of the washing program.	On LCD: ERROR F1
F2	The connection with door lock is open	The failure is set, if the connection to the door lock is open. The washing program stops. Supply of door lock will be OFF. The failure will be displayed. To continue the washing program, the user has to close the door and press the „Start“-button. Repeat procedure like at START. If the failure occurs again, the washing program stops. If the water is in the machine, than pumping 2 minutes. Failure will be displayed again , and it is not possible to start the washing program again.	On LCD: ERROR F2
F3	the water level was not reached. - water tap closed - leak in the machine - valve defect	The failure is set, if within filling or heating step the water level is below level 1 for the filling time or 4 minutes in heating time. If the failure occurs first time within a washing program, the current step starts again. If the failure occurs second time (twice in succession), the washing program stops, and the failure will be displayed. To continue the washing program, the user has to press the „Start“-button. If the failure occurred third time, the washing program stops, the failure will be displayed, and it is not possible to start the washing program again.	On LCD: ERROR F3
F4	Inverter can't control the motor	If the washing program is active and the motor control unit (Inverter) can't control the motor, then first time the failure occurs a pause of 1 minutes. This repeat 3 times. If once happens that motor works O.K. than all previous failure must be deleted. When the failure is detected the 4 time's the washing program stops immediately. If the temperature is higher than 60°C than cool down with cold water 30 seconds. Then pumping water 2 minutes. STOP the program. The failure will be displayed.	On LCD: ERROR F4
F5	No communication between	If the washing program is active and the motor control unit (Inverter) don't have	On LCD:

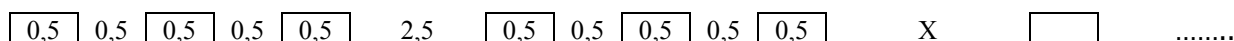
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	electronic timer and Inverter	communication with main board, then first time the failure occurs a pause of 1 minutes. This repeat 3 times. If once happens that motors work O.K. than all previous failure must be deleted. When the failure is detected the 4 time's the washing program is stopped immediately. If the temperature is higher than 60°C than cool down with cold water 30 seconds. Then pumping water 2 minutes. STOP the program. The failure will be displayed.	ERROR F5
F6	temperature not reached - heater defect	The failure is set, if after a heating step the temperature is more than 15°C lower than the rated temperature. The washing program will be ended normally. The failure will be displayed at the end of the washing program.	On LCD: ERROR F6
F7	the water level does not fall below level 1  - pump clogged - pump defect	The failure is set, if after a pumping step the water level did not fall below level 1. If the failure occurs first time within a washing program, the current step will started again. If the failure occurs second time (twice in succession), the washing program is stopped and the failure is displayed. To continue the washing program, the user has to press the „Start“-button. If the failure occurs third time, the washing program is stopped and the failure is displayed. It is not possible to start the washing program again.	On LCD: ERROR F7
F8	The WM not reach max. spin speed (the tapped field relay does not switch)	The failure is set, if at the end of the spinning cycle of the testing program the spin is more than 100rpm lower than the rated speed. The failure is displayed after the end of the testing program.	On LCD: ERROR F8
F9	Water inside machine (Aqua Stop)	The failure is set, if Aqua Stop Sensor makes signal (must be measuring min. 2 seconds). All valves switch OFF, the heater switches OFF and main motor STOPS. After 3 seconds check again. If the failure is not present, than forget the first failure and continue with program. If the failure is still present, than switch ON the pump for 2 minutes and stop WM. The failure is displayed. It is not possible to start the washing program again.	On LCD: ERROR F9

- Warning sound signal



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## S E R V I C I N G   I N S T R U C T I O N S

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1 cikel

X =10 s – 4-times

X=1 minute – 4-times

LCD pulsing in the same rhythm as sound signal.