

## Bosch washing machines Error Codes

Error code Error code interpretation Probable malfunction of the washing machine

F01 The door of the loading hatch is not closed

Check the tightness of the door closing or once again place the washing laundry in the drum so that no object is clamped by the door

F02 Water is not supplied

Closed faucet for tap water in the SM.

Low water pressure in the tap or water is turned off.

Clogged mesh in the water supply hose to the machine.

F03

Problems with draining the water (water does not drain) The error appears if the washing machine has not drained the water from the tank in 10 minutes.

Clean the filter, make sure there are no blockages in the nozzles and hoses.

Check the operation of the drain pump.

The impeller of the drain pump must be free running when turning to the right / left. If this is not the case, the pump must be replaced (the resistance of the pump coil is about 200 ohms).

The cause of the defect can also be caused by a malfunction of the electronic CM controller.

F04 Water leakage occurred

Look for the source and check the tightness of the connections.

F16 The hatch door is not closed

The wash program does not start.

Run the program again, if possible.

Close the door.

F17 Time of water intake exceeded

A) the water tap is closed;

B) the filter at the water inlet is clogged;

C) pressure when water enters less than 1 bar.

Open the water tap.

The program will stop, the pump will start draining after 5 minutes.

It is possible to start the program again.

F18 Water drain time exceeded

- A) the drain pump is defective or clogged;
- B) the N1 level is not reached;
- C) the switch of the pressure switch is blocked;
- D) malfunction of the water level controller.

Clean the drain pump.

The program is canceled and the "IMPORTANT FAULT" mode is activated, if there is no drain for 90 seconds.

F19 Water heating time exceeded

- A) malfunction of the heating system;
- B) the thermostop is not reached;
- C) low voltage in the network;
- D) lime run on the TEN or malfunction of the TET.

Check the heater and its connecting circuits.

The program will be completed without heating.

F20 Unexpected heating

- A) the temperature sensor (NTC) is defective;
- B) the TEN relay is faulty;
- C) heating occurs during a period when there should be no heating. The program is canceled and the "IMPORTANT TROUBLE" mode is activated.

F21 Control system malfunction,

Uneven operation of the drive motor, the drive motor does not rotate the drum

- A) short-circuit of triacs;
- B) malfunction of tachogenerator;
- C) the reverse relay is defective.

After several attempts to start the motor, the program is canceled and the "IMPORTANT TROUBLE" mode is activated.

Attempts to start the motor occur before the end of the program.

F22 NTC sensor fault (temperature sensor)

- A) short circuit NTC;
- B) NTC sensor malfunction;
- C) breakage of connecting chains.

The program will be completed without heating.

F23 Aquastop activated

A) the water was collected in the washing machine sump;

B) breakage of connecting chains.

Check the water system for leaks.

Check the aquastope.

Check the connection circuits for an open

F25 Malfunction of the Aqua sensor (turbidity sensor)

A) limescale on the aqua sensor;

B) failure of the pressure switch;

C) the water drainage system is clogged.

The program will be completed without rinsing.

F26 Analog pressure sensor malfunction (protects against voltage errors)

A) malfunction of the pressure sensor (pressure switch). Critical error

Canceling the program, the pump removes water, the door is blocked, monitoring processes are blocked, the indication is blocked.

1. Press ON / OFF to reset.

2. Check the pressure sensor.

3. Check the connecting chains for an open.

F27 Error setting pressure sensor

A) Malfunction of the pressure sensor (pressure switch). Tuning is not performed, work on old values.

1. Check the pressure switch.

2. Check the wiring.

F28 Flow sensor malfunction (gives an impossible value) The flow of water volume per unit time.

1. Check the flow sensor.

2. Check the wiring.

F29 No water flow in the flow sensor detected

A) the water tap is closed;

B) pressure on water intake <1 bar;

C) the filter at the water inlet is clogged;

D) malfunction of the magnetic valve;

E) malfunction of the magnetic valve akvastop;

F) pressure sensor malfunction. Stopping the washing program, the pump will start draining after 5 minutes, it is possible to restart the program.

1. Open the water tap.
2. Check the components.
3. Check the wiring.

F31 Maximum water level exceeded

- A) the pump is blocked;
- B) the water drain hose is blocked;
- C) malfunction of the magnetic valve;
- D) improper adjustment of the pressure sensor;
- E) malfunction of the pressure sensor (pressure switch);
- E) blocking the water removal system. Removal of water to an acceptable level, the program will be extended.

1. Check the water supply valves.
2. Check the pump.
3. Check the pressure sensor (pressure switch).
4. Check the water removal system.
5. Check the wiring.

F34 The door lock does not close

- A) malfunction of the lock;
- B) the tongue is stuck;
- C) the door is stuck;
- D) the gasket is inelastic.

Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. Press ON / OFF to reset.
2. Check the door lock.
3. Check the mechanics.
4. Check the wiring.

F36 The lock system is faulty

- A) module failure (triac fault or relay faulty). Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. Press ON / OFF to reset.
2. Check the control module.
3. Check the wiring.

F37 Faulty NTC (temperature sensor) The program is terminated without heating.

1. Check the NTC.
2. Check the wiring

F38 Fault NTC (temperature sensor) short circuit The program ends without heating.

1. Check the NTC.
2. Check the wiring

F40 Synchronization error

A) the values of the supply network do not correspond to the permissible values.

F42 Uncontrolled high engine speed

A) module failure - triac faulty. Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. To reset, run the test program.
2. Check the module.

F43 Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. To reset, run the test program.
2. Check the module. Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. To reset, you need to run the test program.
2. Check the load level.
3. Check the tachometer.
4. Check the module.
5. Check the wiring.

F44 No reverse rotation occurs

Module malfunction:

- A) a triac is faulty;
- B) the reverse relay is faulty. Fatal error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. To reset, you need to run the test program.

2. Check the module.

F59 3D Sensor: measurement error too high or too low value

A) a break in the wiring;

B) failure of the power module;

C) malfunction of the 3D sensor;

D) Software error. Decreasing speed.

1. Check the wiring.

2. Check the 3D sensor.

3. Check the position of the magnet.

4. Check the module.

F60 Flow sensor, too high or too low

A) malfunction of the flow sensor;

B) a turbulent turbulence in the sensor or in tubes. The passage of the volume of water per unit time.

1. Check the flow sensor.

2. Check the filter in the priming valve.

3. Check the wiring.

F61 Wrong door signal

A) the door is open or closed;

B) the security lock is activated. Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. Press ON / OFF to reset.

2. Check the door lock.

3. Check the mechanics.

4. Check the wiring.

F63 Functional protection problem

A) the processor is defective;

B) software error. Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. Press ON / OFF to reset.

2. Check the power module.

F67 Card encoding error

A) the encoding between the power module and the control module is not correct;

B) software between the power and control module is inappropriate. Critical error

Canceling the program, the door is locked, monitoring processes are blocked, the indication is blocked.

1. Press ON / OFF to reset.

2. Re-encode the card.

3. Replace the card.

E02 Motor problem (motor) Check the motor brushes.

2. Check the motor resistance.

3. Check the contacts of the connections.

4. Check the motor module or main module.

E67 Incorrect module encoding The firmware may have failed.

1. Call the master, reprogram the module.

2. Or replace the module, with a new one or a similar one.

Bosch WFP Error Codes

Error code Error code interpretation Probable malfunction of the washing machine

F 01 Aquastop system error. The water in the tank is not poured

Malfunction of the Aquastop sensor (does not respond to low pressure) - replace the Aquastop device.

F 02 Malfunction of the water heating system (the water temperature does not reach the set value in a certain period)

There was an open circuit in the area of the temperature sensor or TEN - eliminate the breakage, replace the damaged section of the wiring.

The heating element has failed - check the contacts of the heating element, if necessary, compact it or completely replace the washing machine's heater.

F 03

Malfunction of the drainage system (water in the tank does not go down to level 1 in the allotted time zone)

There is a bad contact at the terminals of the bilge pump - tighten the clamps, clean the terminals.

There were malfunctions in the bilge pump - it is necessary to clean the filter of the pump of the washing machine or to

replace it.

There were problems with the drain hose - clean the hose from dirt, eliminate kinks, restore the position of the drain hose specified in the operating instructions.

The pressostat of the washing machine has failed - repair the hydraulic system of the water level sensor or replace the pressure switch.

F 04 There is no signal from the gearmotor. The program completes its implementation

There was a malfunction in the control circuit TACHO - it is necessary to check the circuit, eliminate the break or replace the faulty parts.

The tachogenerator has become unusable - replace the ED-TAKHO unit of the washing machine.

F 05 Motor malfunction (the motor starts without a command, runs in the time not reached for it) A fault has occurred in the motor control circuit - the chain must be checked, the breakage must be rectified, or the defective parts must be replaced.

F 06 Malfunction of the heating water monitoring system NTC temperature sensor failed (short circuit) - it is necessary to replace the NTC sensor of the washing machine

F 07 Malfunction of the water heating monitoring system

There was a malfunction in the NTC sensor control circuit - check the circuit, remove the break or replace the faulty parts.

NTC temperature sensor failed (short circuit) - NTC sensor must be replaced.

F 08 The washing machine access door is open

Check that the door is fully closed - try closing the hatch again.

Defective latch lock - repair the mechanical part of the lock, or tighten the contacts of the electric lock, or completely replace the device to lock the hatch of the washing machine.

F 10 Circuit malfunction between the motor and the controller circuit board The communication error between the motor and the controller circuit pack is used to seal the contacts in the terminals of the devices entering the circuit or to repair the controller board.

F 11 Malfunction of the motor. The drum stops working, the washing program stops

There is an overheating of the engine - restart the engine after 5 minutes.

The control triac on the control board has become unusable - replace the defective parts of the board.

F 12 Motor fault. The drum stops working, the washing program stops

There was a short circuit in the winding of the electric motor - to replace the electric motor of the washing machine.

There is a development of brushes of the electric motor - to replace the brush assembly of the electric motor.

F 13 Mains power supply failure. The rotation of the drum is not violated, the program continues. The power supply voltage has exceeded the level of 318 V - turn off the device, take measures to normalize the voltage of the mains.

F 14 Supply mains failure. The rotation of the drum stops, the program continues. The supply voltage is below 172 V - turn off the device, take measures to normalize the mains voltage.

F 15 Malfunction of the heating system. Washing is done in cold water (below 10 ° C) or at elevated temperature (100 ° C)



There was an open circuit of the temperature sensor - to repair the damaged section of the wiring.

There is a malfunction of the temperature sensor - replace the thermistor of the washing machine.

F 16 The door of the loading hatch is not closed Defective latch lock - repair the mechanical part of the lock, or tighten the contacts of the electric lock, or completely replace the device to lock the hatch of the washing machine