

## Whirlpool Washing Machines Error Codes

Error code Error code interpretation Probable malfunction of the washing machine

FH (F01) Failure in the system of the bay (no water enters the tank, or its amount is less than the set level)

There is a low pressure in the water pipe - take measures to normalize the water pressure.

Do not open completely the faucets of the water pipe or filling device CMA - open the taps.

The mesh of the water valve is clogged - clean the mesh filter of the electrovalve of the washing machine.

Check the position of the drain hose - eliminate the siphon effect.

There were problems in the water level sensor - clean the hydraulic system of the sensor or replace the pressure switch of the washing machine.

There are no reliable contacts on the terminals of the electrovalve of the bay, either the pressure switch or the water-pumping pump-to service the contacts.

There were problems on the controller board - check the circuit, contacts of this device, replace defective parts if necessary.

FA (F02) Activation of the Aquastop system

The electrovalve of the water inlet was blocked - to service the valve or replace the electrovalve of the washing machine.

There were leaks in the hydraulic system of the AGR (breakdown of the tank, depressurization of pipes and branch pipes) - it is necessary to eliminate leaks, if necessary replace defective parts.

There was a defect on the electronic controller board - fix the defect or replace the electronic controller of the washing machine.

FP (F03) Drain system malfunction (water does not drain from the tank).

There is a breakdown of the bilge pump - tighten its contacts, clean the filter. If it is impossible to repair it, replace the washing machine's bilge pump.

There was a blockage of the drain hose or other element of the drainage path - to clean the hose and pipelines from contamination.

The electronic controller has failed - replace the burnt parts on its board or replace the controller completely.

F04 Malfunction of the water heating system (the water temperature does not reach the required values in the time allotted)

There was a malfunction in the control circuit of the temperature sensor - it is necessary to check the circuit, remove the break or replace the faulty parts.

The temperature sensor has failed (short circuit or break) - replace the temperature sensor.

The heating element has failed - clean the TEN from the scale or replace the TEN of the washing machine completely.

F05 Fault in the water heating system (NTC sensor not working).

Check the electrical circuit of the sensor, seal the contacts, replace the defective wires. If the NTC sensor itself is faulty, replace the sensor.

F06 There is no signal from the tachogenerator (the motor does not rotate or does not gain the required speed)

There was a malfunction in the node of the tachogenerator (the spring washer jumped off) - to restore the position of the spring washer of the coil of the tachogenerator of the washing machine.

There is no communication between the TACHO-ED unit and the electric motor control board (the motor control panel) - to eliminate the circuit faults.

F07 Motor control circuit fault

A fault has occurred on the motor control board - replace the blown triac (thyristor) of the control board.

The electronic controller has failed - to repair the controller or to make a complete replacement of the electronic controller of the washing machine.

F08 Heater Fault

Burned TEN or there was a break in the wiring - replace the heater, make a tightening of the contacts, restore the integrity of the wiring.

There was a malfunction in the protective pressure switch - to replace the pressure switch.

The electronic controller has failed - replace the burnt parts on its board or replace the controller of the washing machine.

There is a defect in the circuit of the temperature sensor - tighten the contacts or make a replacement for the thermistor.

F09 Malfunction of the bay system (in the tank there was an excess of the permissible water level)

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

There was a breakdown in the electrovalve of the water inlet (valve lock) - replace the electrovalve.

The electronic controller is not working correctly - replace the burnt parts on the controller board or completely replace the electronic controller of the washing machine.

F10 Malfunction of the motor (the motor does not work)

There was a thermocouple sensor on the radiator module to replace the thermosensor, if it is not possible to repair it, replace the engine control unit completely or replace the engine itself.

The control triac on the control board has become unusable - replace the faulty parts of the washing machine board.

#### F11 Uncertainty of the connection

There is a low voltage in the electrical network of the apartment - take measures to restore normal network parameters.

#### F12 Malfunction of the water heating system (the water in the tank does not heat up)

The water heating relay on the controller board is jammed - replace the heating relay.

The electric heater (a breakdown of the mass) failed - replace the washing machine's heater.

There was a malfunction in the protective pressure switch - replace the pressure switch.

There was a break in the chain of the controller-TEN chain - to eliminate defects in the wires, to tighten the clamps.

The thermal sensor broke - replace the thermistor on the control board.

#### F13 Malfunction of the water inlet system (water does not enter the tank, or the time taken to the bay exceeds normal values)

There is a low pressure in the plumbing of the apartment - take measures to restore normal parameters.

The detergent dispenser is clogged - clean the tray channels to load the detergent.

There was a clog in the electrovalve of the bay - clean the mesh of the jellied device

#### F14 Failure of the control system (EEPROM gives the wrong data)

A fault has occurred on the control board, a microprocessor error - the electronic controller (EEPROM) must be refilled or the complete control unit of the washing machine

#### F15 Malfunction of the washing machine motor (common error)

There was a malfunction of the triac of the electronic controller board - replace the triac or the reverse relay on the board. There is a malfunction of the electric motor - to change the brushes or to service the ED terminal block or replace the motor completely.

A malfunction of the tachogenerator itself is to repair the mechanical part (replace the spring washer). In the event of complete failure of Tacho, replace the tachogenerator of the washing machine.

There is a break in the wires going from the electronic controller to the ED - to replace the problem areas of the wiring.

The electronic controller has failed - to repair the board or completely replace the controller of the washing machine

#### F16 Malfunction of the CMA control system (control failure or control command failure)

There are faults in the control circuits - they make contact service, change the defective parts of the wires.

The control unit has come into malfunction - it is necessary to replace the faulty parts on the main board or replace the

module of the washing machine.

F08 (F18) Malfunction of the AGR due to the use of a detergent of the wrong type (the device is blocked). There is increased foaming - it is necessary to change the type of detergent for the machine. Restart the machine.

F19 A failure in the washing machine power system (AGR does not start, if the machine is erasing, it stops working) There is an increased or decreased voltage in the electrical network of the apartment - measures need to be taken to normalize the network parameters.

F20 Control board failure (control command failure)

Restart the program.

If this action has not yielded any results, repair the main board or replace the control unit in its entirety.

F21 Control board failure (control failure)

There are faults in the circuit between the control panel and the control board - tighten the cable clamps, tighten the contacts, repair the defective parts of the wiring. If these actions do not give a positive result, replace the control module of the washing machine.

F22 Malfunction of the water heating system (the heater does not heat water).

Water does not come through the detergent dispenser, it is most likely that it is clogged or clogged

There was a malfunction of the heater - to seal the terminals or make a complete replacement of the washing machine's heater.

There was a break in the chain of the controller-TEN chain - to eliminate defects in the wires, to tighten the clamps.

There was a low voltage in the electrical network of the apartment - turn off the AGR, repair the mains failure.

F23 Failure of the Gulf system (the bay is stopped, the signals "tank full" and "tank empty" come at the same time).

The water level sensor has failed - replace the pressure switch of the washing machine.

F24 Malfunction of the control system over the water level in the tank (the overflow signal does not vanish within 60 s)

Malfunction of the control system over the water level in the tank (the overflow signal does not vanish within 60 s).

F26 Malfunction of the motor (the motor stopped rotating).

The triac of the control of the operation of the ED on the control module board failed - replace the triac, and, if necessary, solder the contact tracks of the board.

F27 Motor malfunction (the motor rotates only in one direction)

The ED reverser relay burned on the control module board - replace the reverse relay.

F28 Motor malfunction (the motor rotates slowly or does not start after the next cycle).

The switching relay has failed. The stator assembly is replaced by a relay.

F31 The CMA software is not updated via the Internet Contact your ISP or Internet Service Provider (Whirlpool Service Center).

FDL Malfunction of the CMA blocker There are faults in the contacts of the blocker - tighten and clean the contacts. Often it is enough just to tighten the door. In the event of a complete failure, replace the washing machine's UBL.

FDU Door is not closed properly

Close the door of the hatch more tightly.

In case of failure of the UBL, repair or replace it.