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ariston washing error codes

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Understanding Ariston Washing Error Codes: A Complete Guide

Modern Ariston washing machines are packed with sensors, electronics, and smart features that make laundry easier than ever. However, when something goes wrong, the machine will display an error code or a series of flashing lights. These **Ariston washing error codes** can be confusing for the average user, but with a clear understanding of what each code means and how to troubleshoot, you can often resolve the issue without calling a professional.

In this guide, we'll walk through the most common Ariston error codes, explain what each one signifies, and provide step by step troubleshooting instructions. Whether you own a top loading or front loading model, the information here will help you keep your machine running smoothly.

Why Ariston Machines Use Error Codes

Ariston washing machines use error codes to quickly identify and communicate problems to the user. The codes are generated by the machine's control board when a sensor detects an abnormal condition. The code is displayed on the LCD panel or shown through a series of blinking LEDs. This system allows you to pinpoint the root cause without needing to interpret vague error messages.

Common reasons for error codes include:

- Water supply or drainage issues
- Mechanical failures (e.g., motor, agitator, drum)
- Electrical faults (e.g., short circuits, voltage irregularities)
- Sensor malfunctions (e.g., temperature, pressure, tilt)
- Software glitches or firmware updates

Understanding these categories will help you narrow down the problem before you dive into the troubleshooting process.

How to Read and Interpret Ariston Error Codes

Ariston error codes usually follow a two digit or three digit format (e.g., E01, E12, E22). Each code corresponds to a specific fault. The machine's user manual lists all possible codes, but you can also find them online on Ariston's official support pages or in community forums.

When you see an error code, note it down. If the code appears briefly and disappears, try to capture it on a phone camera or write it down immediately. Some errors are transient and may clear themselves once the machine restarts, but others persist until the underlying issue is fixed.

Common Ariston Washing Error Codes and Their Meanings

E01 – Water Inflow Problem

This code indicates that the machine cannot detect water entering the drum. Possible causes include a clogged

inlet hose, a blocked filter, or a faulty water inlet valve.

E02 – Water Outflow Problem

The machine cannot drain water properly. Check for clogs in the drain hose, a blocked filter, or a malfunctioning drain pump.

E03 – Overheating

The water temperature sensor detects an abnormal rise. This could be due to a heating element fault or excessive load.

E04 – Drain Pump Failure

Similar to E02 but specifically points to a malfunctioning pump motor. Inspect for debris or a jammed pump.

E05 – Motor Stall

Occurs when the motor stalls, often because of a mechanical blockage or an overloaded drum.

E06 – Tilt Sensor Error

The machine detects that it is not level. Ensure the machine is properly leveled and that the floor is stable.

E07 – Door/ Lid Lock Failure

The safety lock that prevents the door from opening during operation fails. This could be a faulty lock or a wiring issue.

E08 – Load Sensing Error

The machine can't detect the weight of the load. This might be due to a sensor fault or an incorrectly balanced load.

E09 – Water Pressure Sensor Fault

Low or high water pressure triggers this code. Check the water supply pressure and any pressure regulator.

E10 – Control Board Error

Indicates a fault in the main control board. This is a more serious issue that may require professional service.

E11 – Excessive Vibration

Detected when the machine vibrates beyond normal limits. Check for uneven footing or a loose drum.

E12 – Noise Sensor Fault

Occurs when the noise sensor fails to detect abnormal vibrations. This may affect auto balance functions.

E13 – Sensor Array Failure

A general code indicating one or more sensors have failed.

E14 – Power Supply Problem

Voltage irregularities or a failed power supply unit trigger this code.

E15 – Water Temperature Sensor Error

The machine cannot read the water temperature accurately. Replace the sensor if necessary.

E16 – Door Latch Motor Failure

Related to E07 but specifically indicates a motor that powers the door latch.

E17 – Drain Hose Blockage

Similar to E04 but emphasizes a blockage in the hose rather than the pump.

E18 – Overload Protection Activated

The machine has detected an overload condition and shut down to protect itself.

E19 – Faulty Water Level Sensor

Indicates the sensor that monitors water level is malfunctioning.

E20 – Firmware Update Required

Some newer Ariston models require a firmware update to resolve compatibility issues.

E21 – Electronic Module Failure

Indicates a failure in the electronic module that controls various functions.

E22 – Door Latch Sensor Fault

Specific to the sensor that detects whether the door is properly latched.

Step by Step Troubleshooting Guide

Step 1: Verify the Power Supply

1. Check that the machine is plugged into a functioning outlet.
2. Look for tripped circuit breakers or blown fuses.
3. Use a multimeter to confirm that the outlet supplies the correct voltage (typically 220 240 /V for European models).

Step 2: Inspect Water Supply Lines

- Ensure both hot and cold water hoses are connected securely.
- Check for kinks or clogs in the hoses.
- Clean the inlet filters on the machine's water valves.
- Verify that the water supply valves are fully open.

Step 3: Check the Drainage System

1. Inspect the drain hose for kinks or clogs.
2. Remove the filter at the drain pump and clean it.
3. Ensure the pump is not jammed by any foreign objects.
4. Test the pump by running a short cycle with no load.

Step 4: Level the Machine

Use a spirit level to ensure the washing machine sits evenly. Adjust the feet if necessary. A level machine reduces the chances of tilt sensor errors and excessive vibration.

Step 5: Reset the Machine

Sometimes simply resetting the machine clears a transient error. Turn the machine off, unplug it for 30 seconds, then plug it back in and power it on.

Step 6: Consult the User Manual

Locate the specific error code in the manual. Follow the recommended actions, which often include cleaning filters, checking hoses, or replacing faulty components.

Step 7: Replace Faulty Parts

- For E01 and E02, replace the water inlet or outlet valves.
- For E04 and E17, replace the drain pump.
- For E05, replace the motor or check for mechanical obstructions.
- For E07, E16, and E22, replace the door latch or its sensor.
- For E09, E15, and E19, replace the respective sensors.

Step 8: Update Firmware

If the error code indicates a firmware issue (E20), download the latest firmware from the Ariston website and follow the update instructions carefully.

Step 9: Contact Professional Service

If the error persists after following the above steps, contact an authorized Ariston service center. Codes such as E10, E13, or E21 typically require professional diagnostics and repair.

Preventive Maintenance Tips to Avoid Error Codes

Regular maintenance can significantly reduce the likelihood of encountering error codes. Here are some key practices:

- Clean Filters Regularly: Remove and clean the water inlet filters every month.
- Check the Drain Hose: Inspect for kinks or clogs at least once a month.
- Level the Machine: Re level the washing machine every few months or after moving it.
- Use the Right Detergent: Excessive suds can trigger heating or water level errors.
- Run Empty or Light Loads: Test the machine with an empty cycle to ensure all systems are functioning.
- Keep the Machine Clean: Wipe down the exterior and interior to prevent mold and residue buildup.

Frequently Asked Questions About Ariston Washing Error Codes

What should I do if my Ariston machine shows an E01 error?

Check the water inlet hoses and filters for clogs. Make sure the water supply valves are fully open. If the problem persists, consider replacing the water inlet valve.

Can I fix an E05 motor stall error myself?

Often the issue is a mechanical blockage. Remove any foreign objects from the drum and ensure the load is balanced. If the motor still stalls, you may need to replace the motor or seek professional help.

Is it safe to use the machine after an error code?

Only if you have identified and resolved the underlying cause. Running the machine with an unresolved error can lead to further damage.

How often should I update my Ariston machine’s firmware?

Check Ariston’s support site for updates. If a new firmware version is released, apply it promptly to fix bugs and improve performance.

Conclusion

Ariston washing error codes are a vital diagnostic tool that help users quickly identify and resolve issues with their machines. By understanding what each code means and following a systematic troubleshooting process, you can

often fix common problems yourself and keep your washing machine running efficiently. Regular maintenance, proper leveling, and timely firmware updates further reduce the likelihood of encountering error codes. If you're ever uncertain or the error persists, don't hesitate to contact an authorized Ariston service professional for assistance.

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