

## Samsung Washing Machine Error Codes & Solution

### Samsung Washing Machine Error Code 1E, E7, 1C

Type	Water Level sensor
Causes	<ul style="list-style-type: none"><li>• Water level sensor fault</li><li>• Incorrect connections of the water level sensor terminal</li><li>• The hose part for the water level sensor is folded</li><li>• The hose is clogged with foreign material</li></ul>
Solution	<ul style="list-style-type: none"><li>• Check the water level sensor terminal connections and contacts</li><li>• Check the material code to ensure correct water level sensor is used</li><li>• If the water level sensor is faulty, replace it</li></ul>

## Samsung Washing Machine Error Code 4E, E1, 4C

<b>Type</b>	Water Supply
<b>Causes</b>	<ul style="list-style-type: none"><li>• Water supply valve is blocked by foreign material</li><li>• The water supply valve terminal is not connected</li><li>• Hose is folded or torn</li><li>• The warm water and rinse connectors are wrongly connected to each other</li><li>• PCB terminal from the drain hose to the detergent drawer is not connected</li></ul>
<b>Solution</b>	<ul style="list-style-type: none"><li>• If the water supply valve has a wire disconnected, replace it</li><li>• Check whether the water supply valve is clogged with foreign material and whether water is supplied continually</li><li>• If the PBA relay operates abnormally, replace the PBA</li></ul>

## Samsung Washing Machine Error Code 5E, E2, 5C

Type	Drain
Causes	<ul style="list-style-type: none"><li>• Drain pump fault</li><li>• Foreign materials in the drain pump</li><li>• Main PCB fault</li></ul>
Solution	<ul style="list-style-type: none"><li>• Check whether the drain pump motor are restrained by foreign material</li><li>• Check whether the connections are correct and if there is any wires disconnected</li><li>• Check whether the drain pump operates abnormally when the water temperature in the tub is high</li></ul>

## Samsung Washing Machine Error Code CC

Type	Cooling
Causes	<ul style="list-style-type: none"><li>• Washing Temperature sensor fault</li><li>• Description of PL hazard prevention</li></ul>
Solution	<ul style="list-style-type: none"><li>• This error occurs if the water Temperature is more than 50°C in draining. Check the temperature.</li><li>• If the water temperature is normal, this error is due to a temperature sensor fault. In this case replace the washing heater and be careful to prevent water leakage</li></ul>

## Samsung Washing Machine Error Code dE, dE1, Ed, dC, DC1, DC

Type	Door
Causes	<ul style="list-style-type: none"><li>• Door switch fault</li><li>• Main PCB fault</li></ul>
Solution	<ul style="list-style-type: none"><li>• Close the door if it is opened</li><li>• Make sure that laundry is not caught in the door</li><li>• Check the door switch. If faulty, replace it</li><li>• Check the main PBA door sensing circuit. If faulty, replace it</li><li>• Check the drain Pump wire connection</li></ul>

## **Samsung Washing Machine Error Code LE, LE1, E9, 11E, LC, LC1**

<b>Type</b>	Water Leakage
<b>Causes</b>	<ul style="list-style-type: none"><li>• Check for any leakage.</li><li>• Foreign material in the DV case</li><li>• Fault of a hose or incorrect part engagement in the product</li></ul>
<b>Solution</b>	<ul style="list-style-type: none"><li>• Check for any leakage on the base, Hose, Valve and Tub connections</li><li>• Check the drain motor operation. Replace if it does not operate normally</li></ul>

## Samsung Washing Machine Error Code Sud

Type	Foaming Detected
Causes	<ul style="list-style-type: none"><li>• Too much foaming</li></ul>
Solution	<ul style="list-style-type: none"><li>• It is also displayed while foaming is removed.</li></ul> <p>– When the removal is finished, the normal cycle proceeds. “Sud” or “SUdS” is displayed when too much foaming is detected and “End” is displayed when the removal of the foaming is finished. (This is one of the normal operations. It is an operation for preventing non-sensing faults.)</p>

## Samsung Washing Machine Error Code UE, E4, UB

Type	Unbalance
Causes	<ul style="list-style-type: none"><li>• Caused by the laundry</li></ul>
Solution	<ul style="list-style-type: none"><li>• Check the type of laundry</li><li>• The laundry load is unbalanced</li><li>• Redistribute the load. Washing items such as blanket, pillow or a large towel can cause weight shift during the spin cycle</li></ul>



## Samsung Washing Machine Error Code 5E, E2, 5C

Type	Drain Error
Causes	<ul style="list-style-type: none"><li>• The pump motor impeller is damaged internally</li><li>• Wrong voltage (220 V → 110 V) is supplied to the parts</li><li>• Part fault</li><li>• The drain hose is clogged with foreign material</li><li>• Water pump terminal is not connected</li></ul>
Solution	<ul style="list-style-type: none"><li>• Clean the debris filter</li><li>• Make sure the drainage hose is connected properly</li><li>• Clean the water hose mesh filter</li></ul>

## Samsung Washing Machine Error Code NF

<b>Type</b>	No Fill
<b>Causes</b>	<ul style="list-style-type: none"><li>• Washer is not plugged in and powered on</li><li>• Debris filter is clogged</li><li>• Water hose is clogged</li></ul>
<b>Solution</b>	<ul style="list-style-type: none"><li>• Ensure that the door is tightly closed.</li><li>• Ensure the washer is plugged in and powered on. If it does not power on, check the fuse and/or reset the circuit breaker (in the home's electrical panel).</li><li>• Make sure the source water tap is completely turned on.</li><li>• Check the water pressure.</li><li>• Check that there are no kinks in the water hose connected to the washing machine and that it is not clogged.</li><li>• Clean the mesh filters of the water hose.</li></ul>