


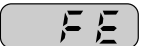









## 8-4. ERROR DISPLAY.

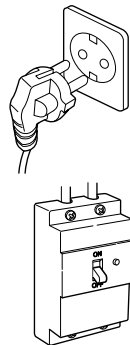



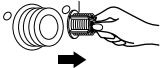
- If you press the [Start/Pause] button when an error is displayed, any error except **FE** will disappear and the machine will change into pause status.
- In case of **PE**, **LE**, **DE**, if the error is not resolved within 20 sec. In the case of other errors, if the error is not resolved within 4 min. power will be turned off automatically and the error code will blink. But in case of **FE**, power will not be turned off.



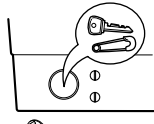
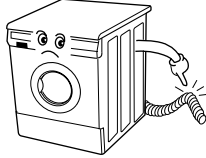
	ERROR	SYMPTOM	CAUSE
1	WATER INLET ERROR		§ Water has not reached to the pre-set level within 4 min. since inlet valve operated, or water has not reached to the normal level within 25 min.
2	IMBALANCE ERROR		§ The appliance is tilted. § Laundry is gathered to one side. § Non distributable things are put into the drum.
3	DRAIN ERROR		§ Water has not drained enough within 5 min.
4	OVERFLOW ERROR		§ Water is automatically being pumped out because too much water is in the tub.
5	SENSOR PRESSURE S/W ERROR		§ The sensor pressure switch is out of order.
6	DOOR OPEN ERROR		§ The [Start/Pause] button is pressed with the door open. § The door switch is out of order.
7	HEATING ERROR		§ The thermistor is out of order.
8	SENSOR ERROR		§ The connector (5-pin, male, white) in the wire harness is not connected to the connector (5-pin, female) of hall sensor in the MOTOR. f_ ' Reconnect or repair the contact in the connector.

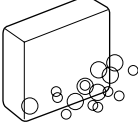
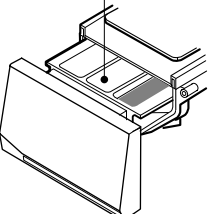
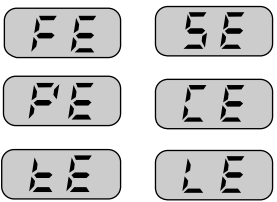
	ERROR	SYMPTOM	CAUSE
8	SENSOR ERROR		<ul style="list-style-type: none"> <li>• The electric contact between the connectors (5-pin, male in the wire harness and 5-pin female in the hall sensor) is bad or unstable. <i>f_</i> Reconnect or repair the contact in the connector.</li> <li>• The connector (6-pin, male, natural) in the wire harness is not connected to the connector (6-pin, female, natural) of PWB assembly (Main) or the electric contact of connectors is bad/unstable. <i>f_</i> Reconnect or repair the contact in the connector.</li> <li>• The electric contact between the connectors; a 6-pin, male in the wire harness and 6-pin female in the controller (Main) ; is bad or unstable. <i>f_</i> Reconnect or repair the contact in the connector.</li> <li>• The wire harness between hall sensor in the MOTOR and PWB assembly (Main) is cut (open circuited). <i>f_</i> Repair/replace the damaged WIRE HARNESS.</li> <li>• The hall sensor is out of order/defective. <i>f_</i> Replace the motor.</li> <li>• The controller (Main) is out of order/defective. <i>f_</i> Replace the PWB assembly (Main).</li> </ul>
9	CURRENT ERROR		<ul style="list-style-type: none"> <li>• PWB assembly (Main) is out of order. <i>f_</i> Replace the PWB assembly (Main).</li> <li>• Winding in the MOTOR is short-circuited. <i>f_</i> Replace the MOTOR.</li> </ul>
10	LOCK ERROR		<ul style="list-style-type: none"> <li>• The connector (3-pin, male, white) in the wire harness is not connected to the connector (3-pin, female, white) of MOTOR. <i>f_</i> Reconnect or repair the connector.</li> <li>• The electric contact between the connectors; a 3-pin, male, white in the wire harness and 6-pin, female, white in the PWB assembly (Main) ; is bad or unstable. <i>f_</i> Reconnect or repair the contact in the connector.</li> <li>• The wire harness between the MOTOR and PWB assembly (Main) is cut (open circuited). <i>f_</i> Repair the damaged (open-circuited) WIRE HARNESS.</li> <li>• The hall sensor is out of order/defective. <i>f_</i> Replace the PWB assembly (Main).</li> </ul>

## 9. ERROR DIAGNOSIS AND CHECK LIST

### 9-1. DIAGNOSIS AND ANSWER FOR ABNORMAL OPERATION

SYMPTOM	GUIDE FOR SERVICE CALL
<p>NO POWER</p>	<div data-bbox="548 539 1105 904"> <p>Is the power plug connected firmly to 220-240V~ outlet?</p> <p><b>YES</b></p> <p>Power failure? or Breaker opened? is the outlet controlled by a switch</p> <p><b>NO</b></p> <p>Visit to check.</p> </div> <div data-bbox="1198 539 1328 882">  </div>
<p>Water inlet trouble</p> <div data-bbox="217 1061 371 1117">  </div>	<div data-bbox="548 1010 1105 1823"> <p>Is IE displayed?</p> <p><b>YES</b></p> <p>Is the tap opened?</p> <p><b>YES</b></p> <p>Is the tap frozen?</p> <p><b>NO</b></p> <p>Is the water supply shut-off?</p> <p><b>NO</b></p> <p>Is filter in the inlet valve clogged with foreign material?</p> <p><b>YES</b></p> <p><b>NO</b></p> <p>Visit to check.</p> </div> <div data-bbox="1182 1039 1338 1095">  </div> <div data-bbox="1219 1128 1317 1509">  </div> <div data-bbox="1182 1520 1409 1722"> <p>Clean the filter of inlet valve</p>  </div>

SYMPTOM	GUIDE FOR SERVICE CALL
<p>◦ DOOR OPEN ERROR</p> <p>Refer to 7-4 ERROR DISPLAY</p>	<div data-bbox="544 421 1377 862"> <div data-bbox="544 421 1101 537">Did you press the <b>Start/Pause</b> button when the door is open?</div> <div data-bbox="1101 443 1177 510">YES</div> <div data-bbox="1177 421 1377 593">           Close the door   </div> <div data-bbox="799 609 844 645">NO</div> <div data-bbox="544 743 1101 810">Visit to check.</div> <div data-bbox="646 824 1015 862"><b>Check if the door switch is O.K</b></div> </div>
<p>◦ Drain trouble</p> 	<div data-bbox="544 929 1445 1444"> <div data-bbox="544 929 1075 1030">Is <b>OE</b> displayed?</div> <div data-bbox="792 1034 852 1070">YES</div> <div data-bbox="544 1075 1075 1176">Is the debris filter clogged with foreign material such as pins, coins, and etc.?</div> <div data-bbox="1058 1115 1117 1146">YES</div> <div data-bbox="1123 1075 1266 1176">Clean up the filter.</div> <div data-bbox="1266 1030 1445 1198">  </div> <div data-bbox="799 1182 844 1214">NO</div> <div data-bbox="544 1227 1075 1328">Is the drain hose frozen with water, kinked, or crushed?</div> <div data-bbox="799 1332 844 1366">NO</div> <div data-bbox="544 1377 1075 1444">Visit to check.</div> <div data-bbox="1198 1220 1404 1377">  </div> </div>

SYMPTOM	GUIDE FOR SERVICE CALL
<p>◦ Suds overflow from the appliance. (In this condition, wash and spin do not operate normally)</p>	<div data-bbox="584 392 1144 492">Is low-sudsing detergent for the drum washing machine used?</div> <div data-bbox="795 492 933 537">YES</div> <div data-bbox="584 548 1144 649">Is the proper amount of detergent used as recommended?</div> <div data-bbox="795 649 933 694">YES</div> <div data-bbox="584 694 1144 795">Recommend to reduce the amount of detergent.</div> <div data-bbox="633 795 1364 996"> <p>* This appliance has the automatic suds sensing function which operates under much suds condition for good rinse and preventing overflow.</p> <p>* When much suds are sensed, the suds removing function such as drain, water input, and pause will operate without rotating the drum.</p> </div> <div data-bbox="1209 403 1404 616">  <p>LOW SUDSING DETERGENT</p> </div>
<p>◦ No effect of softener</p>	<div data-bbox="584 1064 1144 1164">Is softener put in the correct compartment of drawer?</div> <div data-bbox="795 1164 933 1209">YES</div> <div data-bbox="584 1220 1144 1299">Is the drawer closed during wash?</div> <div data-bbox="795 1299 933 1344">YES</div> <div data-bbox="584 1344 1144 1422">Is the softener cap clogged?</div> <div data-bbox="795 1422 933 1467">YES</div> <div data-bbox="584 1467 1144 1534">Explain how to use softener.</div> <div data-bbox="649 1534 1079 1579">Clean the compartment for softener.</div> <div data-bbox="1169 1108 1396 1422"> <p>Compartment for softener</p>  </div>
	<div data-bbox="584 1680 1144 1758">Visit to check.</div>