

Error Code	Condition	Check/Repair	Shop Parts
Lid Lock LED flashing	Indicates the control recorded one of the error codes shown below	Refer to the tech sheet (stored in the console) to enter the diagnostic test mode and recover the saved error code.	
F0 E2	Excessive suds	Use only high-efficiency (HE) detergent. Reduce the quantity of detergent to prevent excessive suds.	HE detergent
F0 E4	High water temperature in the rinse cycle	Make sure that fill hoses are properly connected. Check the resistance of the thermistor (temperature sensor). It should measure about 50,000 ohms at 77 degrees. If the thermistor is defective, replace it.	Thermistor
F0 E5	Unbalanced load	Redistribute the load inside the spin basket. If that doesn't help, check the suspension rods/springs. If a suspension rod/spring is broken or damaged, replace all of the suspension rods and springs (the replacement part is a kit that has all 4 rods/springs).	Suspension rods/springs
F1 E1	Main electronic control board failure	Unplug the washer. Check the wiring connections on the main electronic control board in the console. If the wiring connections are sound, replace the the main electronic control.	Main electronic control board
F1 E2	Motor control error on main electronic control board failure	Unplug the washer. Check the wiring connections on the main electronic control board and the drive motor. If the wiring connections are sound, check the drive motor windings for resistance. If the drive motor is bad, replace it. If the drive motor is sound, replace the main electronic control board.	Drive motor, Main electronic control board
F2 E1	Stuck key	This code is for models with a digital display. One or more keys on the user interface were actuated for 15 seconds or longer. If a key is stuck and cannot be freed up then the user interface control will need to be replaced.	User interface control
F2 E3	Mismatch of main	This code is for models with a digital display. It typically occurs when an	Main

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	electronic control board and user Interface control	incompatible control component (Main Electronic Control board or User Interface control) is replaced in the console. Check the replacement part numbers and reorder the correct part.	electronic control board, User interface control
F3 E1	Water level pressure sensor fault	Unplug the washer. Check the air hose connection between the bottom of the tub and the water level pressure switch in the console. Check the wiring connections between the water level pressure sensor and the main electronic control board. If no problems are found, then the water level pressure switch will usually need to be replaced.	Water level pressure switch
F3 E2	Inlet water temperature fault	Unplug the washer. Open the console and check the resistance through the thermistor circuit (black wires). It should measure about 50,000 ohms at room temperature. If the thermistor is defective, replace the inlet valve assembly wiring harness, which contains the thermistor.	Inlet water valve wiring harness (this harness includes the thermistor)
F5 E1	Lid switch fault	This code is displayed if Start is pressed with the lid open. If the lid switch on the lid lock/switch assembly isn't detecting the condition of the washer lid properly, then the lid lock/switch assembly will need to be replaced.	Lid lock/switch assembly
F5 E2	Lid lock fault	Unplug the washer. Check the lid lock/switch assembly for debris or an item that is interfering with the lock strike being engaged by the lid lock mechanism. If no interference is apparent, then the lid lock/switch assembly will typically need to be replaced.	Lid lock/switch assembly
F5 E3	Lid unlock fault	Unplug the washer. Lift the top panel of the washer to access the lid lock/switch assembly. Try to manually unlock the washer lid without breaking the lid lock/switch assembly and the lock strike. If the components are damaged, replace them. If the lid lock/switch assembly won't lock and unlock properly, replace it.	Lid lock/switch assembly, Lock strike

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F5 E4	Lid not opened between cycles	If the washer is started several times without the lid ever being opened, then this code appears. If the lid is actually being opened between cycles but the control doesn't detect it, then the door lock/switch assembly will usually need to be replaced.	Lid lock/switch assembly
F7 E1	Basket speed sensor fault	See if the spin basket rotates freely. If not, then examine and replace any defective drive components. If the basket spins properly, unplug the washer and check the wiring connections on the actuator. That component has the optical tachometer. If the wiring connections are okay, then that actuator will usually need to be replaced.	Drive system components, actuator
F7 E5	Shifter actuator fault	The main electronic control board cannot determine the position of the drive system shifter. Unplug the washer and check the wiring harness connections on the main electronic control board and the shifter actuator. If the wiring connections are okay, then the actuator will usually need to be replaced.	Actuator
F7 E6	Motor fault	Unplug the washer and check the wiring connections on the drive motor. If the wiring connections are okay, then the drive motor will typically need to be replaced.	Drive motor
F7 E7	Motor is unable to reach target RPM	Rotate the spin basket to see if it spins freely. If not, then a garment could be stuck between the outer tub and the spin basket. A problem with drive components could also cause excess friction. Inspect the drive components and replace parts as needed.	Drive system components
F8 E1	Not filling or long fill time	Water isn't being detected as entering the washer. If the washer isn't filling, check the water supply faucets behind the washer to make sure that they are fully open. Check the fill hoses and inlet water valves. If the inlet water valve assembly is defective, replace it. If water is entering the machine but not being detected, then the water level pressure switch will usually need to be replaced.	Inlet water valve assembly, Water level pressure switch
F8 E3	Overflow condition	If the washer is overflowing, check the inlet water valves. If the valves are not shutting off water flow, then replace the inlet water valve assembly. If the washer isn't actually overflowing, then the water level pressure switch will usually need to	Inlet water valve assembly,

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		be replaced.	Water level pressure switch
F8 E5	Hot and cold fill hoses are reversed	Check the fill hoses. If they are connected properly then the inlet water thermistor (temperature sensor) will probably need to be replaced. That component is part of the Inlet Water Valve Wire Harness.	Inlet water valve wire harness
F9 E1	Long drain time	The washer isn't draining after the drain pump runs for 10 minutes. Check the washer drain and the drain hose for clogs or restrictions. If the drain path is clear, unplug the washer and check the drain pump. If the drain pump is defective, replace it.	Drain pump
Wash LED on	No fill or long fill	Water isn't being detected as entering the washer. If the washer isn't filling, check the water supply faucets behind the washer to make sure that they are fully open. Check the fill hoses and inlet water valves. If the inlet water valve assembly is defective, replace it. If water is entering the machine but not being detected, then the water level pressure switch will usually need to be replaced.	Inlet water valve assembly, Water level pressure switch
Spin LED on	Long drain time	The washer did not drain after the drain pump has been running for 10 minutes. Check the washer drain and the drain hose for clogs or restrictions. If the drain path is clear, unplug the washer and check the drain pump. If the drain pump is defective, replace it.	Drain pump