

Hydrim L110W w/Glass Door Dosing System Problems

There are two error codes that may appear if you are having a problem with the HIP Solution (detergent) dosing system.

CF 11 No Detergent Flow

The Flow Switch (part #01-111474S) did not detect detergent flowing. CF 11 will not be displayed if the Flow Switch doesn't detect detergent during the rinse phase of the cycle. However "No Detergent" will be displayed when the next cycle is selected.

No detergent

Check for kinked detergent tubing

Check for clogged detergent tubing

Defective Dosing Pump tubing (part #01-109909S)

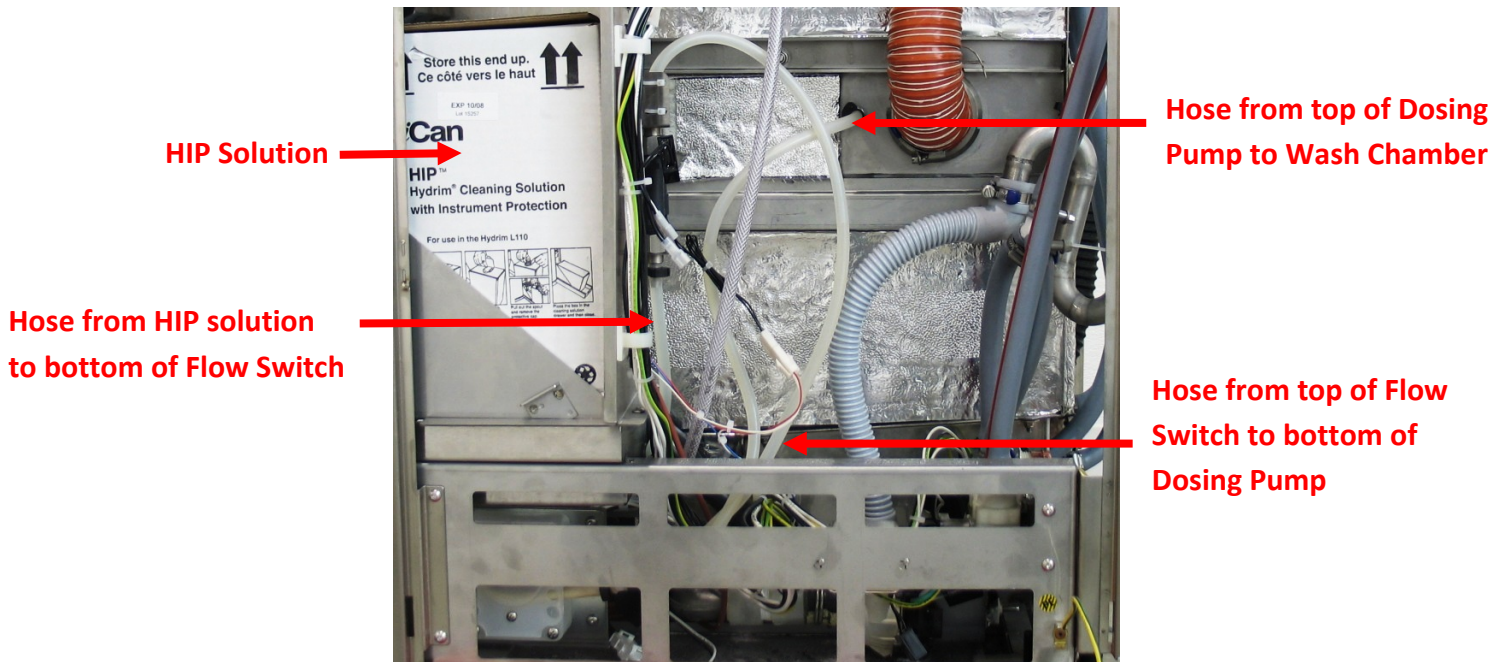
Defective Flow Switch

CF 14 Bad Flow Switch

After the second dosing during the wash phase of the cycle, the Flow Switch did not turn OFF after a 15 second timeout.

Flow Switch stuck ON

HIP Solution (Detergent) Flow Diagram



HIP Solution gravity flows from the solution box to the bottom of the Flow Switch. The solution continues to flow through the Flow Switch to the bottom of the Dosing Pump. When the Dosing Pump is activated as the pump turns the pump rollers move across the internal tubing creating a suction and drawing solution from the box through the Flow Switch and Dosing Pump and into the wash chamber. When solution flows through the Flow Switch a piston will travel up with the solution and cause a magnetic switch to close, telling the Hydrim there is solution. If there is no solution or the Flow Switch does not activate a CF 11 No Detergent will appear. If the Flow Switch activates but the piston does not drop and deactivate the Flow Switch when the Dosing Pump stops turning a CF 14 Defective Flow Switch will appear.