POWERSCOUR

PowerScour is an option that will be available with Adaptive Wash, Pots and Pans, and the Normal Cycles only. PowerScour will allow the customer to clean one heavily soiled item, like a casserole dish, by placing it in front of the PowerScour spray jets. During the cycle, if PowerScour is selected, wash water will alternately be directed to either the upper spray arm or to the PowerScour manifold.

During normal operation, water is directed to the upper spray arm through the internal water feed tube. Hollow stainless steel balls located within the feed tube valve are positioned to the outside, blocking water flow to the PowerScour manifold and allowing water to flow to the upper spray arm.
When PowerScour is used, a magnet underneath the dishwasher tub is brought close to the stainless steel balls and causes them to move toward the middle of the feed tube valve. This causes the water flow to be directed to the PowerScour manifold and spray jets.

An actuator is located beneath the dishwasher. It is made up of a wax motor, a pivot arm and a magnet. When the wax motor is energized, it pushes the pivot arm with the attached magnet toward the tub, causing the stainless steel balls to move toward the middle of the feed tube valve.
The actuator is removed as an assembly, by first disconnecting power to the dishwasher. Then the actuator tabs are squeezed together and the actuator pulled from the tub mounting tabs. There are mounting holes in the actuator and mounting screw bosses built into the tub to accommodate a screw, in the event the actuator mounting tabs or tub tabs are broken. The repair screw part number is 8534041.

Tall Tub Dishwasher

A side mounting kit is now available for the plastic tall tub dishwasher. The mounting brackets attach to the sides of the dishwasher in slots built into the tub support. The bracket end extends beyond the tub, where the mounting screw is attached, securing the dishwasher to the cabinets. The part number of the side mount kit is 8212560.