

PART NO. 8269519

NOTE: This sheet contains important Technical Service Data

**FOR SERVICE TECHNICIAN ONLY
DO NOT REMOVE OR DESTROY**

⚠ WARNING

Electrical Shock Hazard
Disconnect power before servicing.
Replace all panels before operating.
Failure to do so can result in death or electrical shock.

**Electrostatic Discharge (ESD)
Sensitive Electronics**

ESD problems are present everywhere. ESD may damage or weaken the electronic board. The new board may appear to work well after repair is finished, but failure may occur at a later date due to ESD stress.

- Use an anti-static wrist strap. Connect wrist strap to green ground connection point or unpainted metal in the appliance

-OR-

Touch your finger repeatedly to a green ground connection point or unpainted metal in the appliance.

- Before removing the part from its package, touch the anti-static bag to a green ground connection point or unpainted metal in the appliance.

- Avoid touching electronic parts or terminal contacts; handle electronic board by edges only.

- When repackaging failed electronic board in anti-static bag, observe above instructions.

ELECTRONIC CONTROL CONNECTOR PINS		
PIN NUMBER	DESCRIPTION	WIRE COLOR
P1	Ribbon Cable to User Interface	—
P2-1	Pressure Switch (Soil Sense)	O-GY
P2-2	Thermistor	Y-BK
P2-3	Fill Valve	BR
P2-4	Dispenser	LBU
P2-5	Open	—
P2-6	L1 to Control Power Supply	T or BK/W
P3	Drain Motor	GY
P4	Open	—
P5	Motor Run Winding	BU
P6	Switched L1 to Heater	W-R
P7	AC Neutral	W-V
P8	Switched L1 from TCO for Loads	T
P9	Switched L1 to Motor Common	R-BK
P10	Switched L1 to Vent, Fill Valve, Dispenser, & Pressure Switch	BU-BK
P12	Optional Rinse Aid Sensor	RED

SPECIFICATIONS

Electrical Supply:
(Under load) 60 Hz, 120 VAC.

Supply Water Flow Rate:

To fill 1.9 liters (2 quarts) in 27 seconds, 120 PSI maximum, 20 PSI minimum.

Supply Water Temperature:

49° to 71° C (120° to 160° F)
(Before starting a cycle, run water from sink faucet until hot.)

Water Charge:

6.8 liters (1.8 gallons) / first fill approx.
6.5 liters (1.7 gallons) / all other fills.

Lower Spray Arm Rotation: 25 to 40 rpm.

Upper Spray Arm Rotation: 25 to 35 rpm.

REPAIR KITS

- Vinyl Rack Patch Kit No. 676453
- Time Tip Kit No. 675679

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING UNITED STATES PATENTS:

4,559,959 4,927,033 5,165,435 5,881,906
4,673,441 5,018,550 5,202,362 5,882,739
4,680,526 5,038,828 5,474,378 5,900,070
4,758,057 5,069,360 5,760,493 5,909,743
4,776,620 5,165,433 5,803,100 5,924,433

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING CANADIAN PATENTS:

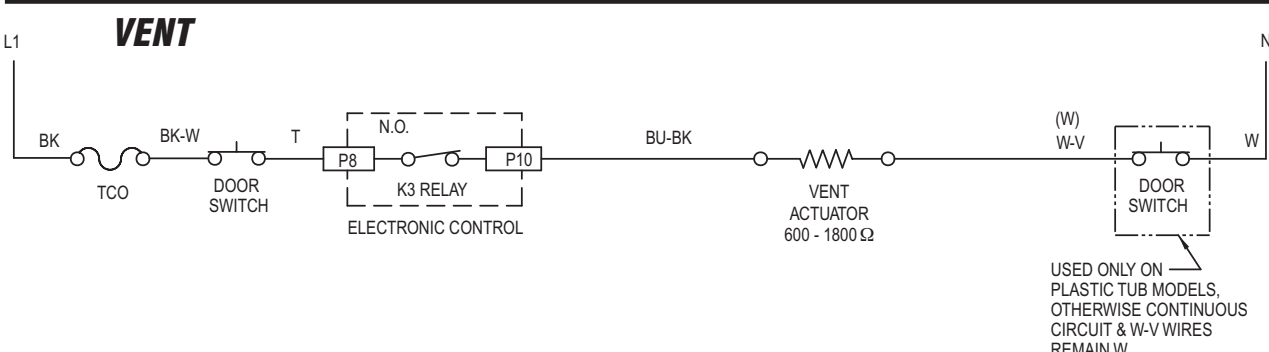
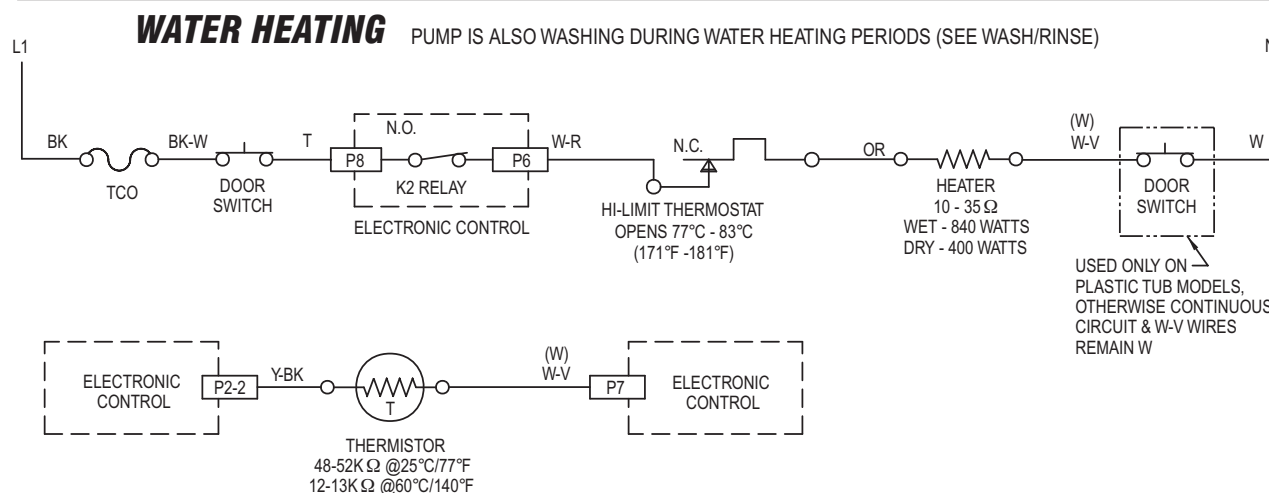
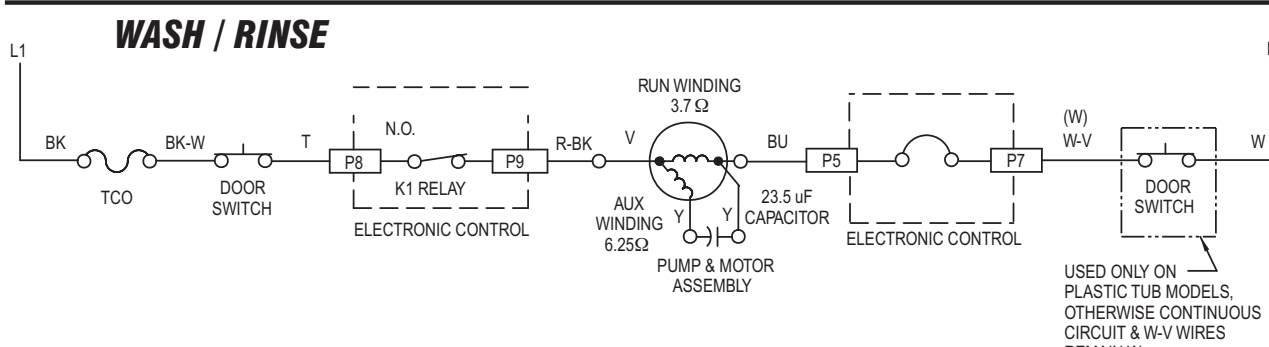
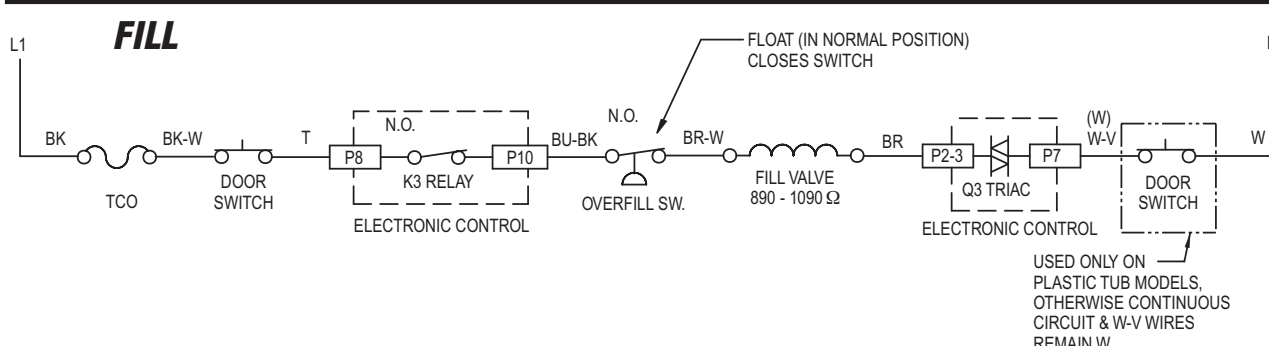
2,001,863 2,049,828 2,075,251
2,022,831 2,053,752

OTHER PATENTS PENDING

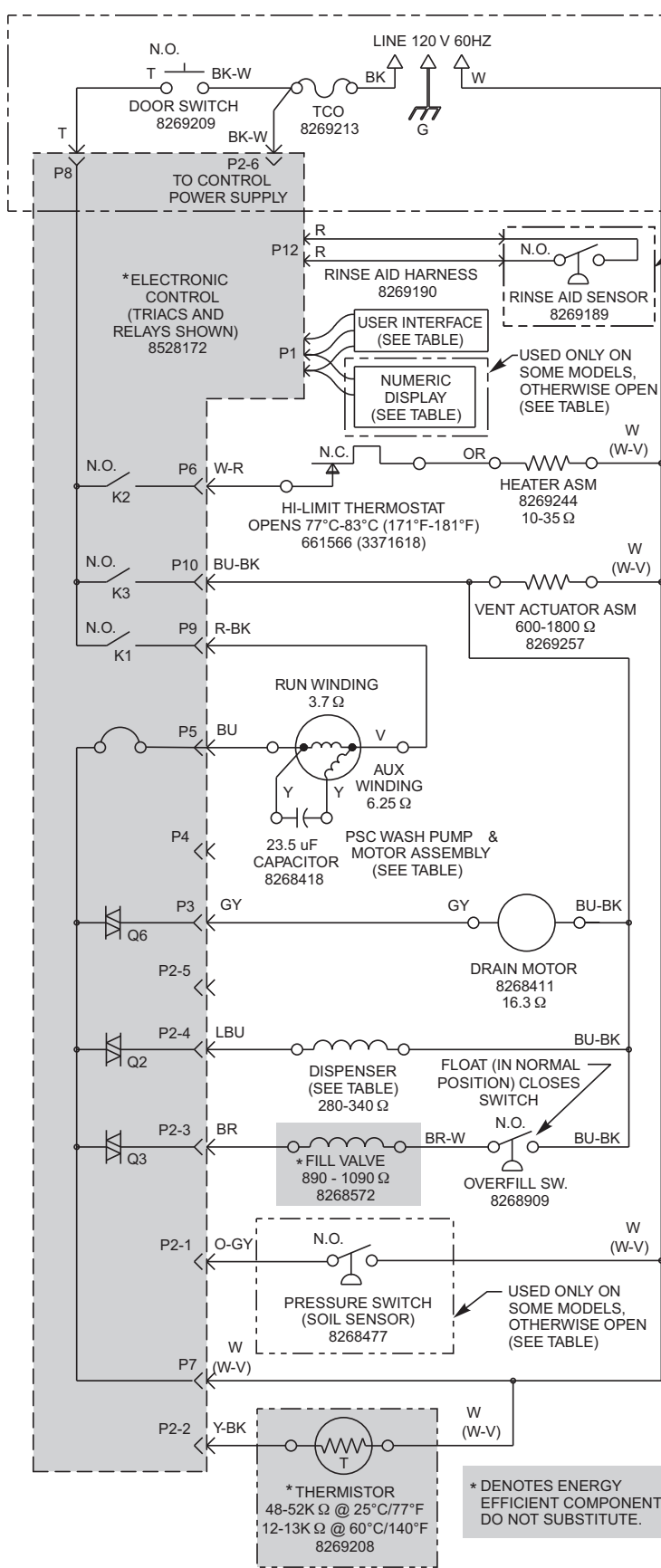
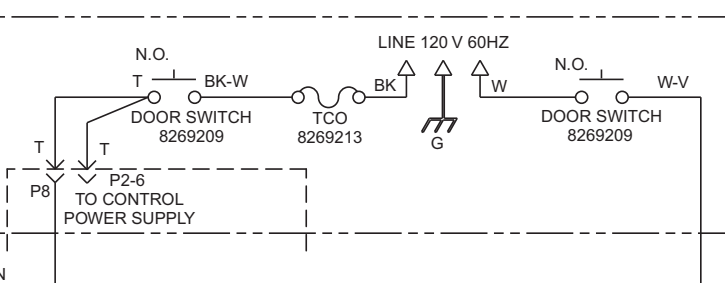
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DISHWASHER CIRCUITS

The following individual circuits are for use in diagnosis. Before starting diagnosis, check the line voltage and check for blown fuses.

STAINLESS STEEL TUB PLATFORM
WIRING DIAGRAM

SCHEMATIC SHOWN WITH DOOR SWITCH & ALL OTHER NORMALLY OPEN CONTACTS OPEN.

PLASTIC TUB PLATFORM
WIRING DIAGRAM

REMOVING THE ARTICULATED VENT ASSEMBLY:

- Disconnect electrical power from dishwasher.
- Open dishwasher door and remove six (6) T-15 Torx head screws at the top of inner door panel to loosen console.
- Hold console in place to prevent strain on wires or damage to outer door panel.
- Close door and pull top of console away from door.
- FOR PLASTIC TUB MODELS ONLY: Disengage the locking tabs found at the four (4) arrows on the top of plastic electronics cover. Lift cover off and set aside.
- Disconnect the ribbon connector and all wiring harness connectors from console circuit board and door latch assembly.
- Set console aside.
- Disconnect electrical connectors from articulated vent wax motor terminals.
- Open dishwasher door and loosen, but do not remove, four (4) T-15 Torx head screws along left side of inner door panel. This will provide additional room to remove articulated vent assembly.
- Insert the end of a screwdriver into the notch in the vent louver. Push counter-clockwise to rotate louver approximately 1/8 turn to release it. See Figure 1.
- Close dishwasher door and pull the articulated vent assembly up and out from behind the outer door panel.
- Retain the vent louver for use in reinstallation.

REINSTALLING THE ARTICULATED VENT ASSEMBLY:

- Place a new seal ring in seal ring groove of vent assembly.
- Close dishwasher door and place vent assembly behind outer door panel and position vent assembly so seal ring contacts inner door panel.
- Open dishwasher door and place vent louver over vent assembly, making sure it is seated. Turn louver clockwise by hand to engage vent assembly.
- Insert the end of a screwdriver into the notch in vent louver. Push clockwise to rotate louver approximately 1/8 turn to lock it in position. See Figure 1.
- Tighten four (4) T-15 Torx head screws along left side of inner door panel.
- Close dishwasher door and reconnect the wire connectors to the articulated vent wax motor terminals.
- Reinstall console by holding it close to top of door and reconnecting the ribbon cable and all wiring harness connectors to the console circuit board and door latch assembly.
- FOR PLASTIC TUB MODELS ONLY: Replace plastic electronics cover. Be sure all four (4) locking tabs snap into place. Hold console in place on front of dishwasher door.
- Open dishwasher door and reinstall six (6) T-15 Torx T-15 head screws at top of the inner door panel.
- Reconnect electrical power to dishwasher.

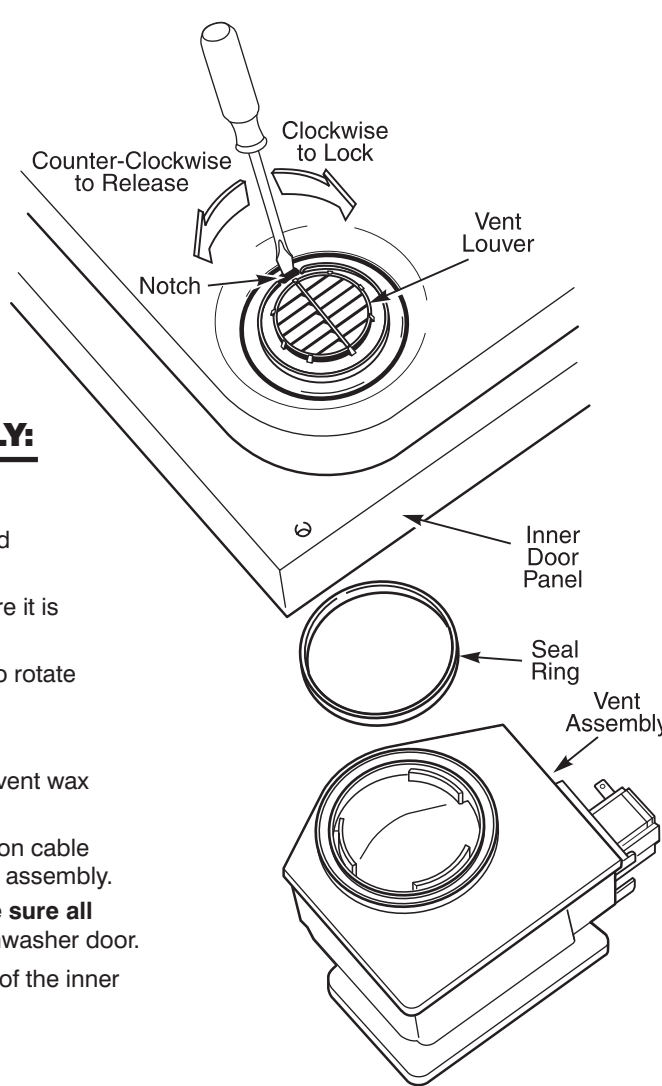
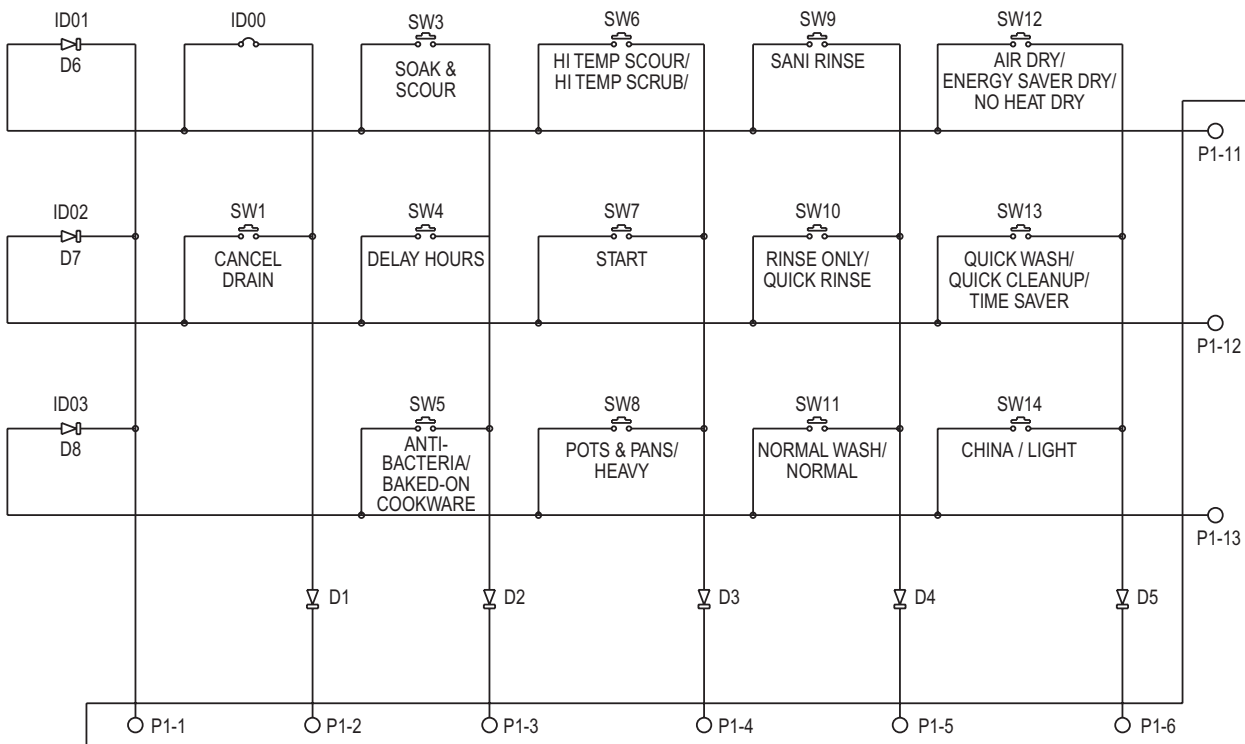
USER INTERFACE SWITCH MATRIX
(Note: Switches may not appear on all models, ID's vary by model.)

Figure 1 — Articulated Vent Assembly

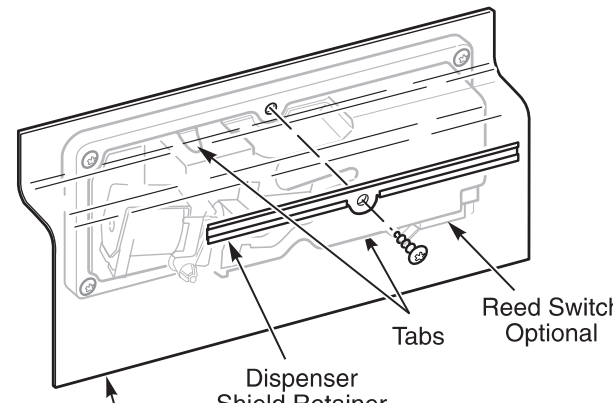


Figure 2 — Stainless Steel Models

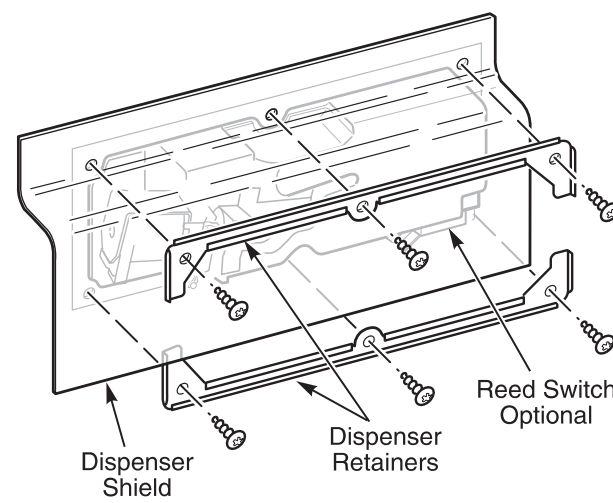


Figure 3 — Plastic Models

REMOVING THE DETERGENT AND RINSE AID DISPENSER:

- Disconnect electrical power from dishwasher.
- Open dishwasher door and remove eight (8) T-15 Torx head screws from inner door panel.
- Hold outer door panel in place and close dishwasher door. Remove outer door panel by pulling top out approximately 1 inch and then pulling up.
- Disconnect electrical connections to the detergent dispenser solenoid and rinse aid dispenser switch.
- Stainless Steel Tub Models Only:**
 - Remove the top center hex head screw from the dispenser assembly and remove dispenser shield. Set dispenser shield aside. See Figure 2.
 - Remove remaining five (5) hex head screws from dispenser assembly.
 - Lift two (2) locking tabs away from dispenser assembly to free it for removal.
- Plastic Tub Models Only:**
 - Remove the six screws. See Figure 3.
 - Remove the two dispenser retainers and dispenser shield if present.
- Open dishwasher door approximately 1/3 of the way and remove the dispenser assembly from inside the door.

REINSTALLING THE DETERGENT AND RINSE AID DISPENSER:

- Open the dishwasher door and insert the dispenser assembly into the cutout in inner door panel.
- Stainless Steel Tub Models Only:**
 - Reinstall five (5) hex head screws to secure dispenser assembly to inner door panel.
 - Place dispenser shield in position over dispenser assembly and secure it with the remaining hex head screw in the top center position. See Figure 2.
- Plastic Tub Models Only:**
 - Install the bottom retainer and the three screws.
 - Install the dispenser shield dispenser (if used), top retainer and screws. See Figure 3.
- Reconnect electrical connectors to the detergent dispenser solenoid and rinse aid dispenser switch.
- Place outer door panel in position on door frame by sliding panel down into key slots in door frame and pushing top of panel into place.
- Hold outer door panel in position and open dishwasher door.
- Reinstall the eight (8) T-15 Torx head screws in the inner door panel.
- Reconnect electrical supply to dishwasher.

MODEL SPECIFICS TABLE													
MODEL NUMBER	REFERENCE		USER INTERFACE	JUMPER TAILS	INTERCONNECT CARD	NUMERIC DISPLAY	PUMP & MOTOR ASSEMBLY	PRESSURE SWITCH	DISPENSER	RINSE AID SENSOR	RINSE AID HARNESS	WIRING HARNESS	
	ENERGY STAR	SPINNING CLOCK											
1x95x (DW3)	NO	NO	8269737 (TOP) 8269738 (FRONT)	8269739	8269207	8269205	8268422	8268477	8269121	8269189	8269190	8269191	
1x93x (DW2)	YES		8269629	N/A	N/A								8268413
1x92x (DW1.5)			8269628										
1x91x (DW1)			8269627										
1x88x (DF9V)			8269626										
1x87x (DF8V)			8269625										
KUDS01FK		N/A	8270168	8524447	N/A	N/A			N/A	N/A			
KUDS01DJ		YES	8269200 or 8524431 (TOP) 8269201 (FRONT)	8269202	8269207	8269206	8268477	8269996	8269189	8269190	8269191		
KUDS01IJ			8269199	N/A	N/A								
KUDR01TJ			8269198										
KUDM01FK			8270169										
KUDM01TJ			8269197										
KUDJ01TJ		N/A	8270258	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
KUDJ01TJ			8269196										
GU1500	NO		YES								8269330	N/A	N/A
GU1200		N/A	8269332	N/A	N/A								

