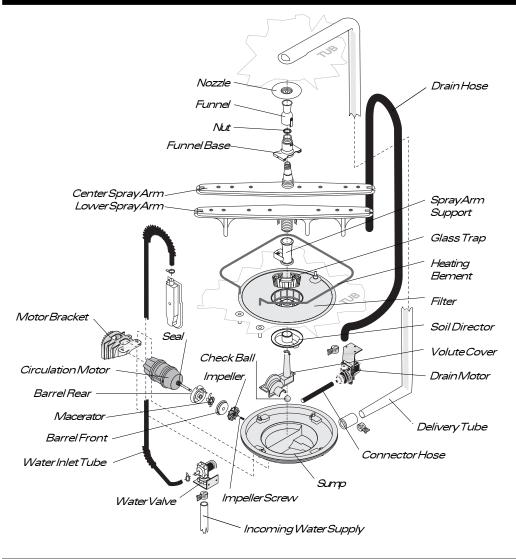
Exploded View of Wash System



Standard Dry Air Flow

When the control advances to the "dry" portion of thecycle, a linear actuator retracts a valve, which opensaventpaththroughtheconsoleintothe kitchen. This venting method eliminates discharging heated moisture into the motor compartment. The heated, moist air leaving the dishvvasherthroughtheconsoleventcauses drierairtobedravvn into the unit by vvay of intake vents located at the bottom of the door. The wateron the dishes is evaporated into drierain and the venting process continues. The heating elementistumedON and OFF during the entire dryingcycle.

Detergent and Rinse Aid Dispenser

piece component consisting of a molded

detergent cup and a built-in rinse aid dispenser.

The detergent cup has a spring loaded cover and

Liquid rinse aid is added to the dispenser up to

indicator from one, being the least amount, to

four, being the greatest amount.

shutoffelectricitytodishvvasher,

disconnect/viringtotheactuator,

removeouterdoorpanelassembly,

To replace dispenser:

Tub and Door Seal

Power Dry Air Flow

ThePowerDryconfigurationisthesameasthe Standardexceptithasacrossflovvblovverlocated in the airdischarge path. The blower assists the heating element in producing povverto drive the moistairoutofthedishvvasher.

Always disconnect the dishwasher from the electrical power source before adjusting or replacing components.

Symptom

removethesix screvvs, The detergent and rinse aid dispenser is a one

- removethedispenser,
- replaceand reinstall screvvs,
- revvireactuator.

the rinse aid dispenser has a removable cover. To replace actuator:

- shutoffelectricitytodishvvasher,
- the fill line indicator. The amount of rinse aid disconnect/viringtotheactuator, released can be adjusted by turning the arrow
 - placeaflatheadscrevvdriverundertheactuator bodyandbetweenthedispenserhousingand terminal side, twist and lift upon the actuator being careful not to damage the retainer snap-fits,
 - replace with new actuator by pressing into place,
 - revvireactuator.

The door seal is pressed into the tub channel for without stretching or bunching. The gaskettakes an interference fit. Center the gasket (marked on a short turn at the bottom of the tub channel back) at the tub top center and press in place before ending at the channel end vvall.

PumpAssembly

The pump assembly is driven by a 1/12 HP, shaded pole motor. Rotation is in the counterclock/visedirectionat3100to3200RPM. The motor drives a pump which supplies 100 percentfilteredvvateratarateofapproximately 12GPM to one spray arm at a time. The spray arm'soperationisalternated by small"pauses' ofthemotorduringthevvashcycle.

Draining is accomplished by using a small separatesynchronousdrainpumpmountedto thesideofthesump. The drain pump is connected to the main pump by a small rubber hose. The draincheckvalveislocatedattheentrancetothe drain pump. The drain hose is attached by a wormgearclamptothedischargeofthedrain pump. The drain is then routed up the side of the dishvvasherandattachedtothesideofthetub. Thisdrainloopinsuresthatanairpocketcannot formnearthedrainpumpandcausethepumpto

900WattHeater

Refer to the cycle chart on the reverse side to Voltage checks of the heater should be made in determinevvhentheheaterisonduringthevvash cycle. The heater cycles ON and OFF for brief periodsduringthedryingcycle.

airlock. Thedrain looponthesideofthetubmust bekept in place after servicing.

The main pump can easily be removed by disconnecting the upper spray arm supply tube, the drain pump connector hose, and the wiring harness connections made at the circulation motorandthewaterheatthermistorlocatedon thebottomofthepump.

Oncethepumpassembly is removed from the dishvvasher, the motor/impellerassemblvcan be removedfromthesumpbytakingoutthethree (3)T-20Torx head screws from the aluminum motorbracket and then the three (3) T-20 Torx head screws from the volute cover. Using a large flat head screwdriver inserted between the impellerscrevvandthesump'svolute, themotor/ impellerassembly can be gently pried out of the sump. Use the screwdriver as a lever.

the dry portion of the service test mode.

Gasket Cross Section Mountine Тub Interio ShortTurn

Dishwasher will not pun

Product Specifications

Electrical Rating 120Volts, 60Hz SeparateCircuit..15ampmin.-20ampmax. Motor(HP)¹/₁₂ TotalAmps(loadrated) 11.0 (60°C±3°C) [withouterdoorinplace] TempBoost 144°F ±5°F(62°C ±3°C) HeatedWash/HeatedRinse Hi-LimitThermostat 200°F (93°C)

Water Supply

Suggestedminimumincomingvvater temperature 120°F(49°C) Detergent left in dispens Consumption(NormalCycle) 7.2U.S.gal., 6.0Imp.gal., 27.25liters Waterrecirculation rate(U.S.GPM) approx.12

A WARNING

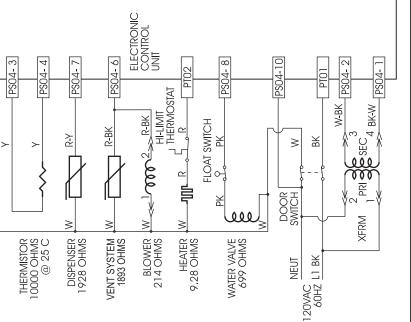
Personal Injury Hazard

Symptom	ChecktheFollowing	Remedy
Dishwasher will not operate when turned on.	 Fuse (blownortripped). 120VAC supply wiring connection faulty. Electronic control board defective. No 12VAC power to control. Motor (inoperative, check resistances). Door switch (open contacts). Door subtch making contacts). 	 Replacefuseor reset breaker. Repair or replace wire fasteners at dishwasherjunctionbox. Replacecontrol board. Replacetransformer. Replace motor/impeller assembly. Replacedor switch. Replacelate accombinet.
	 Doorlatch not making contact with doorswitch. Touch pad circuit defective. No indicator lamps illuminate when START or OPTIONS are pressed. 	 Replace latch assembly. Replace console assembly. Replace console assembly.
Motor hums but will not start or run.	 Motor (bad bearingsor locked rotor). Motor stuck due to prolonged non-use. 	 Replacemotor. Rotatemotorfanorimpeller.
Motor tripsout on internal thermal overload protector.	 Impropervoltage. Seal faces binding. Motor shaftbinding. Motorwindingsshorted. Glassorforeignitems in pump. 	 Checkvoltage. Rotate motor fan or impeller, or replace. Clear blockage or replace. Replacemotor/impellerassembly. Clean and clear blockage.
Dishwasher runs but will not heat.	 Heaterelement (open). Electronic control board defective. Wiring or terminal defective. Hi-Limit thermostat defective. 	 Replace heater element. Replacecontrol board. Repair or replace. Replace thermostat.
Detergent cover will not latch or open.	 Latchmechanismdefective. Electronic control board defective. Wiring or terminal defective. Broken spring(s). Defective actuator. 	 Replacedispenser. Replacecontrol board. Repair or replace. Replacedispenser. Replaceactuator.
Dishwasher will not pumpout.	 Drainrestricted. Electronic control board defective. Defectivedrain pump. Air lock indrain hose. Blocked impeller. Openwindings. Wiring or terminal defective. 	 Clearrestrictions. Replacecontrol board. Replacepump. Makesurehoseisattachedinproper positionon sideoftub. Checkforblockage, clear. Replacewindings. Repairor replace.
Dishwasherwill not fill with water.	 Water supply turned off. Defective water inlet fill valve. Check fill valve screen for obstructions. Defective float switch. Electronic control board defective. Wiring or terminal defective. Float stuck in "UP" position. 	 Turnwatersupplyon. Replacewater inlet fillvalve. Disassembleand clean screen. Repair or replace. Replace control board. Repair or replace. Clean float.
Dishwasherwater siphonsout.	 Drain hose(high) loop too low. Drain line connected to a floor drain not vented. Drain hose not connected to side of tub. 	 Repair to proper height. Installair gap at counter top. Reattachdrain hose.
Detergent left in dispenser.	 Detergentallowed to stand too long indispenser. Dispenserwetwhendetergentwas added. Detergent cover held closed or blocked by largedishes. Improperincomingwater temperature to properly dissolve detergent. See "Detergent cover will not open." 	 Instructcustomer/user. Instructcustomer/user. Instruct customer/user on proper loadingofdishes. Incomingvvatertemperatureof 120°F is required to properly dissolvedishwashingdetergents.

EET	4320701 IDAIRE del: 8836	Notes Note 1: TempAssure operation is in progress. This is a fixed cycle event. Cycle timing is interrupted while the water is heated to a preset temperature. At either the preset temperature, or a default escape time, normal cycle timing resumes. The escape time is 15 minutes. The pump motor is generating lower and upper spray action during this interval. The sequence is: 3 second pause, 60 second wash, 0.6 second pause, 60 second wash. The termination of the TempAssure event is preset to occur on the upper spray arm action. NOTE 2: Heat Delay operation is in progress. This is an optional cycle event. Cycle timing is interrupted while the water is heated to the preset temperature. At either the preset temperature, or a default escape time, normal cycle timing resumes. The escape time is 15 minutes. The pump motor is generating lower and upper spray action during this interval. The sequence is: 3 second pause, 60 second wash, 0.6 second pause, 60 second wash. The termination of the TempAssure event is preset to occur on the upper spray arm action. NOTE 2: Heat Delay operation is in progress. This is an optional cycle event. Cycle timing is interrupted while the water is heated to the preset temperature. At either the preset temperature, or a default escape time, normal cycle timing resumes. The escape time is 15 minutes. The pump motor is generating lower and upper spray action during this interval. The sequence is: 3 second pause, 60 second wash, 0.6 second pause, 60 second wash. The termination of the TempAssure event is preset to occur on the upper spray arm action. NOTE 3: This interval time is controlled by the 'CYCLE VARIABLE TABLE'.	OPERATION To startClose and latch door. Press START/CAN To delay startClose and latch door. Press DELAY START pad to delay time. To select a new cycle or optionPress desired cycle and/or option pad. The indic change. Press START/CANCEL within 15 seconds to cycle. To cancel cyclePress START/CANCEL. Dishwasher will drain for 90	select 4 hour off after the detergent dispenser activates and will remain off for the remainder of cycle. wASHING
DATA SHI	P/N: 15432	 NOTE 4: TempAssure operation is in progress. This is a fixed cycle event. Cycle timing is interrupted while the water is heated to a preset temperature. At either the preset temperature or a default escape time, normal cycle timing resumes. The escape time is 15 minutes. The pump motor is generating lower and upper spray action during this interval. The sequence is: 3 second pause, 60 second wash, 0.6 second pause, 60 second wash. The termination of the TempAssure event is preset to occur on the upper spray arm action. NOTE 5: Heat Delay operation is in progress. This is an optional cycle event. Cycle timing is interrupted while the water is heated to the preset temperature. At either the preset temperature, or a default escape time, normal cycle timing resumes. The escape time is 15 minutes. The pump motor is generating lower and upper spray action during this interval. The sequence is: 3 second pause, 60 second wash, 0.6 second pause, 60 second wash. The termination of the TempAssure event is preset to occur on the upper spray action during this interval. The sequence is: 3 second pause, 60 second wash, 0.6 second pause, 60 second wash. The termination of the TempAssure event is preset to occur on the upper spray arm action. NOTE 6: Temperature Maintain: This interval holds the wash temperature at the preset temperature (±1° C) for 5 minutes. The heater is free to cycle ON and OFF during this interval. The pump motor is generating lower and upper spray action during this interval. The 	END Image: constraint of the state of the s	BS04-2 With BS04-4 BS04-4 BS04-7 B
SERVICE	This information is intended for use by persons having electrical and mechanical training and a level of knowledge of these subjects generally considered acceptable in the appliance repair trade. Frigidaire Company cannot be responsible, nor assume any liability, for injury or damage of any kind arising from the use of this Service Data Sheet.	Color Code Color Code INTERVAL 7 9 11 13 15 17 19 21 47 110 112 114 116 #1 #2 #4 #5 POTS & PANS 60 30 60 30 60 30 150 0 75 75 140 145 144 147 NORMAL WASH 60 30 60 30 60 30 150 0 75 75 140 145 144 147 SHORT (BOTH) 60 30 60 30 60 30 150 0 75 75 127 132 127 132 SHORT (UPPER) 60 60 60 60 60 60 60 60 60 140 140 145 144 147 While in power failure mode flashing HI-TEMP WASH & NO HEAT DRY; Water/Service Test - press and hold, for 3 seconds, NO HEAT DRY and START/CANCEL pads. Press 'START' to manually advance diagnosti	0.6 0.6 0.6 Diagnostic ADD-A-DISH MaSHING ADD-A-DISH WASHING 0.0 Nashing RINSING 0.0 0.0 0.0 0.0 0.0	PRAIN MOTOR 28 OHINS 28 OHINS 28 OHINS 28 OHINS 28 OHINS 28 OHINS 28 OHINS 28 OHINS 28 OHINS 28 OHINS 29 OHINS 214 O

Cycle Selection Options

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