

persons having electrical and mechanical training and a level of mowledge of these subjects generally considered acceptable in the appliance epair trade. Electrolux Home Products North America cannot be responsible, nor assume any liability, for injury or lamage of any kind arising from the use of this Service Data Sheet. . use by ERVI ğ en ded <u>i</u> S is i eler This information mechanical tr knowledge of considered ad repair trade. E North Americ

FRIGIDAIRE

P/N: 808936685

DATA SHEE

O

After Cancel, press pad Heavy and Fast simultaneously for at least 4 seconds to access Service Mode. LED Heavy, Led Normal and Led Fast blink to indicate FGID2476 that Service mode is accesed. After accessed Service mode (Led Heavy, Led Normal and Led Fast blinking): 1. Press pad Heavy to show the first alarm code. - Led Heavy blinks to indicate the machine is in Alarm Reading. - The first alarm code saved is shown in the display. For

section

code.

actuator at a time.

wing table for details.

pad Heavy

. pressed

4

5

6

7

8

9

10

machine is in Actuator Test.

Number of Actuator

Number

4

5

6

7

8

9

10

in display

descriptions of alarm codes, please see Alarm Codes

2. Press pad Heavy again to show the second alarm code.

4. Press pad Heavy the fourth time to move to Actuator Test.

- Led Heavy is turned off. led Normal blincks to indicate the

- The actuator number is shown in the display, see the follo-

Actuator

Regeneration Valve

Drain Pump

Wash pump

Dispenser

Dry Fan

Inlet Valve

Heater

3. Press pad Heavy once more to show the third alarm

Press pad repeatedly will sequentially turn on one

Service Mode

LED Test/Delete Alarm Memory

After accessed Service mode (Led Heavy, Led Normal and Led Fast blinking):

1. Press pad Normal to start this function.

- All LEDS and display blinks 5 seconds on 1 second off.

- Buzzer beeps 5 seconds and then off.
- The alarm codes saved in memory are erased.

2. The mode can be exit by pressing the CANCEL button, or waiting 60 seconds after last button pressing.

Functional Test cycle

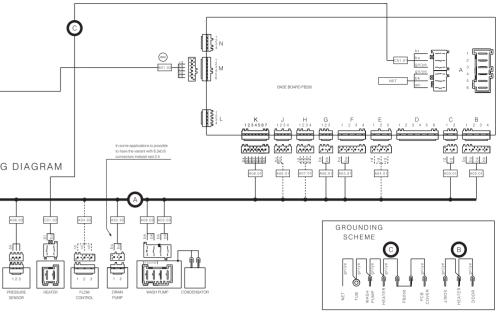
Led Fast blinking):

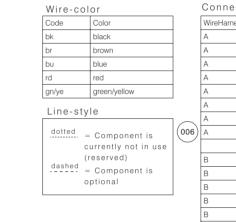
start if door is opened.

even if after the cycle is finished

- After accessed Service mode (Led Heavy, Led Normal and 1. Press pad Fast to start the test cycle. The cycle will not - LED Normal blinks all the way through the whole cycle, -The test cycle runs as a normal wash cycle.
- It can be cancelled or run to its end.

 \bigcirc 804.02 [....] WIRING DIAGRAM A07.02 A09.02 A03.02 A.05.02 A08.03 A04.02 A08.02 C01.0 12 3





Wiring Diagram

ctions included in WireHarnesses										
ess	Connection	WireEnd 01	WireEnd 02	WireEnd 03	WireEnd04	WireEnd 05				
	02	BaseBoard	DrainPump	WashPump						
	03	BaseBoard	LeakageSwitch							
	04	BaseBoard	FlowControl							
	05	BaseBoard	InletValve							
	06	BaseBoard	WashPumpTacho							
	07	BaseBoard	BOF							
	08	BaseBoard	PressureSensor	NTC/Turb Sensor						
	09	BaseBoard	VENT							
	01	UserInterface 1	BaseBoard							
	02	UserInterface 1	Dispenser	RinseAid						
	03	UserInterface 1	Door lock							
	04	UserInterface 1	BTFD							
	05	UserInterface 1	UserInterface 2							
	01	BaseBoard	Heater							

				Operation			
		ub Gasket	Operation		Trouble Shooting Tips		
Upper Spray arm	for yo	 he door gasket is pressed into the tub channel r an interference fit. To install the gasket: 1. Press the gasket across the header using bur hands. 2. Press the gasket while stretching around he corners . 	: pre- sing bund Delay Start Oper pre- pad s or Cancelling a cycle or option Oper pad p. Selecting a new cycle or option Oper option cycle or option Oper option cycle or option Oper pad cycle or option Oper pad bund Oper pad cycle or option Oper pad cycle or option Oper pad cycle or option Oper pad option option cycle or option Oper pad cycle or option Oper cycle or option Oper option cycle or option Oper cycle or o	Open the door, press the "START-cancel" pad until a tone is heard. w	AWARNING Personal Injury Hazard Always disconnect the dishwasher from the electrical power source before adjusting or replacing components.		
		NOTE: There should be no wrinkles or puckers in the corners. 3. Place the gasket end at the bottom and then press the gasket in from the bottom up.			Symptom	Check the Following	Remedy
Manifold	·				Dishwasher will not operate when turned on.	 Fuse (blown or tripped). 120 VAC supply wiring connection faulty. Electronic control board defective. No 12 VAC power to control. Motor (inoperative). Door switch (open contacts). Door latch not making contact with door switch. Touch pad circuit defective. No indicator lamps illuminate when START or OPTIONS are pressed. 	 Replace fuse or reset breaker. Repair or replace wire fasteners at dishwasher junction box. Replace control board. Replace control board. Replace motor/impeller assembly.
	Th	etergent and Rinse Aid Dispenser ne detergent and rinse aid dispenser is a one ece component consisting of a molded etergent cup and a built-in rinse aid dispenser.					 Replace latch assembly. Replace latch assembly. Replace console assembly. Replace console assembly.
Middle Spray Arm	Th	The detergent cup has a spring loaded cover and the rinse aid dispenser has a cover. Liquid rinse aid is added to the dispenser up to the fill line indicator. The amount of rinse aid released can be adjusted from 1, being the least amount, to 6, being the greatest amount. To replace dispenser: • shut off electricity to dishwasher, • remove outer door panel assembly, • disconnect wiring to the actuator, • remove the six screws, • remove the dispenser, • replace and reinstall screws, • rewire actuator. Di splay Codes (LED) LED status indicators located in the center of the Keypad CLEAN			Motor hums but will not start or run.	 Motor (bad bearings). Motor stuck due to prolonged non-use. 	 Replace motor assembly. Rotate motor impeller.
Small Tank	the		Code Description		Motor trips out on internal thermal overload protector.	 Improper voltage. Motor windings shorted. Glass or foreign items in pump. 	 Check voltage. Replace motor/impeller assembly. Clean and clear blockage.
Lower Spray Arm Support	lea Iea		i20 Draini i30 Aqua i40 Analog i50 Washi i60 Heatin i70 Therm i80 Auto D i90 Config iB0 Senso	Water Tap Closed Draining Problem	Dishwasher runs but will not heat.	 Heater element (open). Electronic control board defective. Wiring or terminal defective. Hi-Limit thermostat defective. 	 Replace heater element. Replace control board. Repair or replace. Replace thermostat.
	on Motor • 0 ter Assembly • 1			Aqua Control Analogue pressure sensor problem Washing Motor Problem	Detergent cover will not latch or open.	 Latch mechanism defective. Electronic control board defective. Wiring or terminal defective. Broken spring(s). Defective actuator. 	 Replace dispenser. Replace control board. Repair or replace. Replace dispenser. Replace dispenser.
Inlet Valve				Heating Element Problem Thermistor problem Auto Door Opener	Dishwasher will not pump out.	 Drain restricted. Electronic control board defective. Defective drain pump. Blocked impeller. Open windings. Wiring or terminal defective. Defective Drain Valve. 	 Clear restrictions. Replace control board. Replace pump. Check for blockage, clear. Replace pump assembly. Replace replace. Repair or replace.
Coarse Filter	Drain Hose Cl			Configuration Problem Sensor Problem Communication problem Tacho problem	Dishwasher will 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. 	 Turn water supply on. Replace water inlet fill valve. Disassemble and clean screen. Repair or replace. Replace control board. Repair or replace. Clean or replace float.
		met. If the sanitization criteria is not archivied, the LED will not display	iE0 iF0	Flow controller problem Water level problem	Dishwasher water siphons out.	 Drain hose (high) loop too low. Drain line connected to a floor drain not vented. 	 Repair to proper <i>32-inch minimum</i> <i>height</i>. Install air gap at counter top.
Pump Assembly		ProductSpecifications				3. Drain valve or pump stuck open.	3. Repair or replace.
 split-capacitor asynchronous induction motor. When looking into the inlet hose, the impeller rotates in the counter-clockwise direction when 120V 60 Hz AC voltage is applied. The motor drives the pump, supplying 100% filtered water at a rate of approximately 17 GPM to all three spray arms at once. At this full-wave mains voltage and flow-rate, the motor speed is approximately 2900 rpm. Draining is accomplished by using a smaller, separate, synchronous drain pump motor mounted to the sump. The drain pump is connected to the sump directly. is integrated or A raised drain the side of the flow out of the sump. The drain pump is connected to harness connected to the sump directly. 	nose loop section is routed on unit to help prevent/limit back dishwasher. No additional	Electrical Rating	temperatur Pressure (Connectior Consumpti 2 Water valv Water recin Water fill ti	oply I minimum incoming water re 120°F (49°C) PSI) min./max. 20/90 n (GHT) 3/4" 11.5NH ion (Normal Cycle)	Detergent left in dispenser.	 Detergent allowed to stand too long in dispenser. Dispenser wet when detergent was added. Detergent cover held closed or blocked by large dishes. Improper incoming water temperature to properly dissolve detergent. Spray arm blocked. Is water getting into unit. Note: See "Detergent co	 Instruct customer/user. Instruct customer/user on proper loading of dishes. Incoming water temperature of 120°F is required to properly dissolve dishwashing detergents. Instruct customer/user. Check fill valve repair or replace.
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A rubber check valve flap is inserted at the

harness connections include 2 earth tabs, motor connector, heater connector and the 2 terminals of the running capacitor.