SERVICE
INFORMATION

RETURN
TO ORIGINAL
LOCATION

INSTALLER

DO NOT

REMOVE

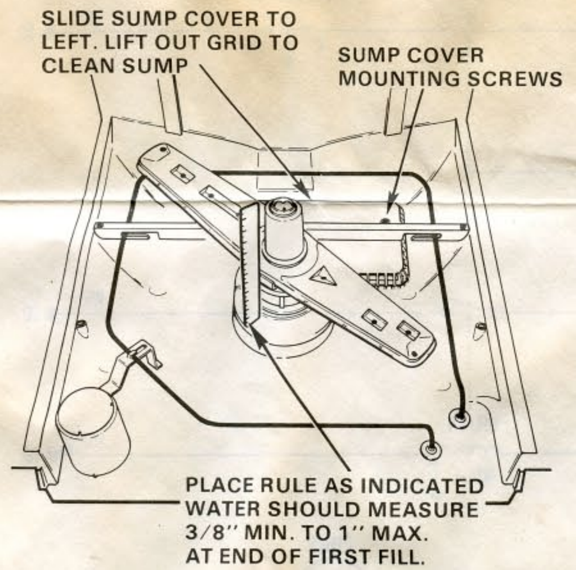
IMPORTANT

DO NOT REMOVE OR DESTROY CONTENTS

DISHWASHER SERVICE AND PARTS INFORMATION. PLEASE RETURN TO ORIGINAL LOCATION UNDER DISHWASHER.

143C7740[illegible]1

AMOUNT OF WATER—Check level allowing dishwasher to fill normally for first fill. Measure the water level by standing a rule on the pedestal in the tub bottom center, just in front of the spray arm hub. The water level should be 3/8" to 1" High. If water level is low, check for clogged screen in water valve, and check float switch.



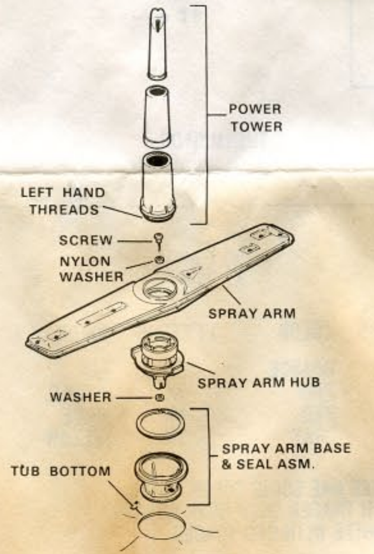
SPRAY ARM — WASH SYSTEM

The spray arm speed should be between 12 and 35 RPM.

The spray arm must rotate freely. If it binds, remove power tower (left hand threads) and lift off spray arm. Remove screw and washer holding hub. Lift off hub.

Remove spray arm base and seal assembly (right hand threads). Split seal at top should move freely. Split seal is replaceable. Check that black rubber flapper is in side of base.

Inspect spray arm for seeds, bits of china, etc. that may be clogging the holes — also for slits or cracks along sides of arm. Reassemble and test operation.



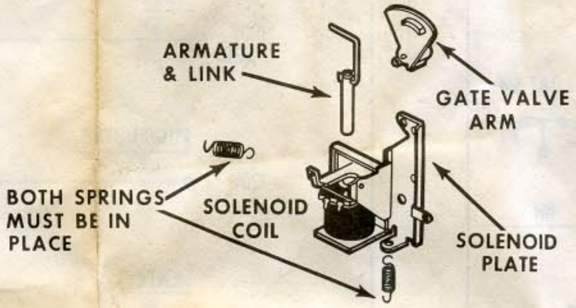
MOTOR—PUMP MECHANISM

MOTOR STALLED—HUMS

1. Remove Power. Try to turn fan blade clockwise to determine if seal is stuck and can be broken loose. If motor shaft can not be turned, cutter blade may be bound up. Proceed to step. 2.
2. On inside of dishwasher, remove sump cover as shown in illustration. Remove the grid and reach down into the sump. Check for blockages such as bone, wire ties, etc. Check "pocket" on left side of sump; if it contains debris, clean throughly. If motor shaft cannot be turned, remove mechanism.

DRAIN SOLENOID

1. Check continuity of solenoid coil on RX10 scale.
2. Check armature for binding. The armature should "bottom" before the gate is completely closed. Mounting plate must not be bent.
3. When replacing solenoid coil, be sure both springs are in place.



TO REMOVE MECHANISM

1. Remove sump cover & grid. With sponge or syringe, remove all water from sump.
2. Loosen sump boot clamp. Loosen clamp from spray arm connector boot.
3. Remove hanger that holds motor to tub.
4. Motor — pump mechanism can now be removed from under dishwasher.

WATER VALVE

1. Shut water off and disconnect plumbing from water valve inlet and rubber hose from water valve outlet.
2. Remove water valve.
3. Remove screen and clean. Remainder of valve may be disassembled for cleaning if necessary. The screen and gasket are the only parts available as replacements.

FLOAT SWITCH

The float system requires no adjustment. To remove float switch proceed as follows:

1. On underside of dishwasher, remove switch from molded switch bracket.

IMPORTANT SAFETY NOTICE

THIS INFORMATION IS INTENDED FOR USE BY INDIVIDUALS POSSESSING ADEQUATE BACKGROUNDS OF ELECTRICAL, ELECTRONIC AND MECHANICAL EXPERIENCE. ANY ATTEMPT TO REPAIR A MAJOR APPLIANCE MAY RESULT IN PERSONAL INJURY AND PROPERTY DAMAGE. THE MANUFACTURER OR SELLER CANNOT BE RESPONSIBLE FOR THE INTERPRETATION OF THIS INFORMATION, NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

DISCONNECT POWER BEFORE SERVICING

IMPORTANT - RECONNECT ALL GROUNDING DEVICES

ALL PARTS OF THIS APPLIANCE CAPABLE OF CONDUCTING ELECTRICAL CURRENT ARE GROUNDED. IF GROUNDING WIRES, SCREWS, STRAPS, CLIPS, NUTS OR WASHERS USED TO COMPLETE A PATH TO GROUND ARE REMOVED FOR SERVICE, THEY MUST BE RETURNED TO THEIR ORIGINAL POSITION AND PROPERLY FASTENED.

ELECTRICAL PARTS

Timer Control	WD21X552
Door Interlock Switch	WD6X207
Float Switch/Drain Sensor Sw.	WD21X520
Heater	WD5X62
Temp. Sensor Thermistor	WD21X540

MOTOR-PUMP MECHANISM

Complete Mechanism With Drain Solenoid	WD26X74
Drain Solenoid	WD21X374
Grader, Impeller & Seal Kit	WD17X57

WASH SYSTEM

Spray Arm	WD22X5056
Power Tower Kit	WD22X124
Spray Arm Hub	WD22X121
Spray Arm Base Assm	WD22X122

DOOR ASSEMBLY

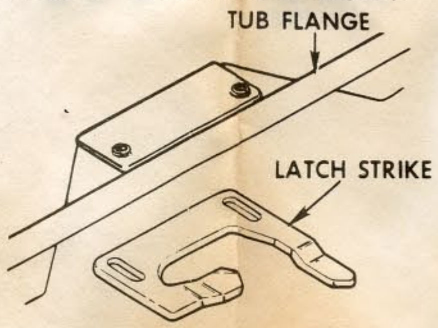
Latch Mechanism	WD13X66
Door Gasket	WD8X220
Detergent Cup Cover Kit	WD16X290
Detergent Cup Latch Spring	WD3X769
Rinse Agent Injector Tank	WD12X276

WATER SYSTEM

Water Valve Asm	WD15X5093

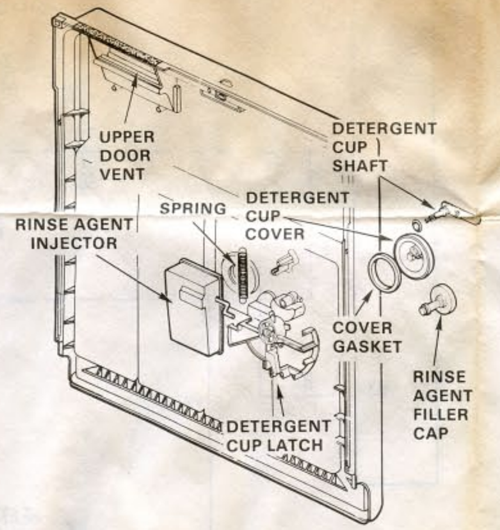
LATCH STRIKE ADJUST

The latch strike may be adjusted by loosening two mounting screws and sliding strike toward rear of tub to increase latching force and reduce the possibility of leaks around door gasket. If latch closes too hard — slide strike out slightly.



DOOR COMPONENTS

The door components are easily accessible by removing three screws from each side of inner door and one screw at the top near the latch. Carefully separate the inner door panel from the outer door panel. Raise the inner door panel and latch it in place.



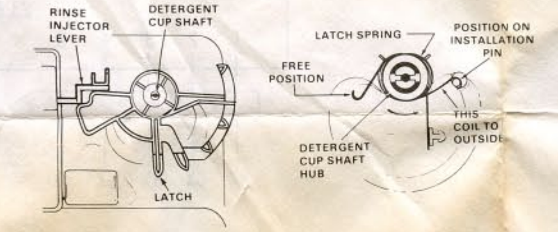
DETERGENT CUP

The detergent cup is molded as part of the inner door panel. A cam on the timer trips the cup cover and the rinse agent injector.

To remove detergent cup cover and handle shaft, push in fingers at end of shaft with a 1/4" socket.

To replace detergent cup handle shaft and cover, follow steps below:

1. Position latch spring on shaft hub as shown below. Wind spring counterclockwise to hook end on installation pin.
2. Position shaft and cup with handle pointing up (cover open).
3. Position latch on handle shaft as shown below, then press onto shaft until fingers snap in place.
4. Turn latch counterclockwise to position end of spring onto latch tang.



RINSE AGENT INJECTOR

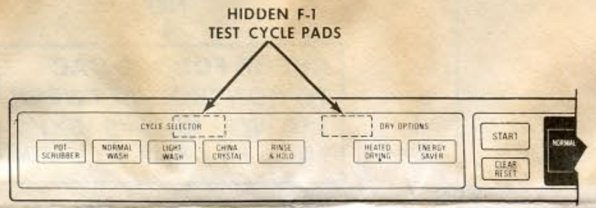
The rinse agent injector can easily be removed as follows:

1. Remove the Power Tower Assembly (Left hand threads).
2. Using the top end of the center section, press the fingers of the rinse agent injector inward while pulling the injector off the door.
3. In reassembling, simply snap in place.

F-1 TEST CYCLE

TO SET UP:

1. Close Detergent Cup & Latch Door.
2. Press two pads at same time. F-1 appears in Display.
3. Press START.



CYCLE PROGRESSION:

	CODE	FUNCTION	TIME	CHECK FOR
	88	DISPLAYS ON	5 SEC.	ALL DIGITS, WORDS, LIGHTS ON. HEATER IS ALSO ON.
(2)	F	WATER FILL	65 SEC.	WATER VALVE ON. MOTOR RUNS.
(2)	DA	DETERGENT CUP TRIP	30 SEC.	DETERGENT MOTOR ON.
	C1	CIRCULATE— HEAT TO 132°	30 MIN.	MOTOR ON. HEATER ON AT 500 WATTS HEATER OFF AT 132°F. WATER.
	CO	CIRCULATE	30 SEC.	MOTOR ON.
(2)	rA	RINSE AGENT DISPEN. TRIP	30 SEC.	DETERGENT MOTOR ON.
	c2	CIRCULATE — HEAT TO 140°	30 MIN.	MOTOR ON. HEATER ON AT 500 WATTS HEATER OFF AT 140°. WATER.
	PO	PUMP OUT	405 SEC. MAXIMUM	DRAIN SOLENOID ON FOR 5 SEC. PUMP OUT UNTIL WATER GONE OR TO 405 SEC.
	Dr	HEATED DRY	33 MIN.	HEATER ON AT 500 WATTS.

NOTES: (1) PRESS START PAD TO SHORTEN TIME.

(2) CAUTION: ALLOW FULL TIME FOR F, DA, AND rA.

(3) TO FREEZE FUNCTION, PRESS NORMAL WASH PAD. TO UNFREEZE, PRESS START PAD.

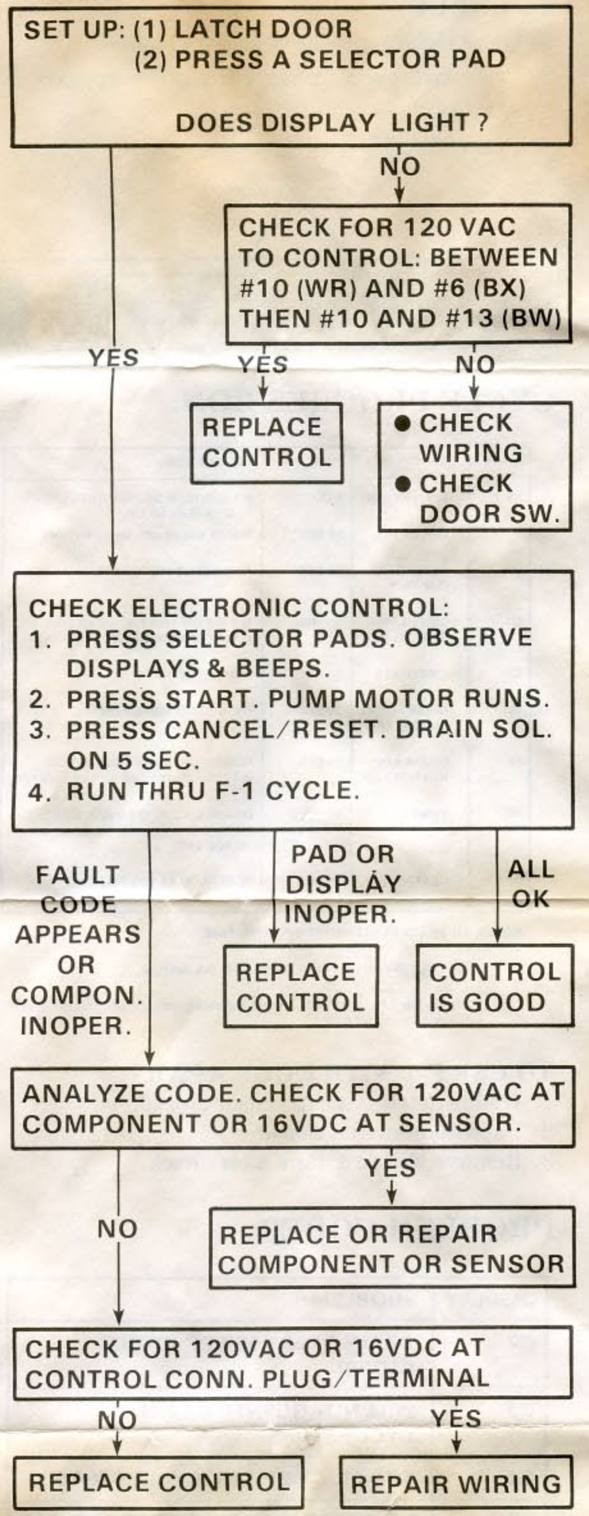
TO USE F-1 WITH DOOR APART:

1. Wedge detergent cup sensor closed.
2. Tape door switch closed.
3. Remove wedge & tape after check.

PROBLEM CODES

DISPLAY	PROBLEM
C2	DRAIN OVER 405 SEC. CYCLE STOPS.
C3	WILL NOT GO INTO DRAIN. CYCLE STOPS.
C4	TOO MUCH WATER. CYCLE STOPS.
C5	NO WATER IN TUB, OR INLET TO PUMP CLOGGED. CYCLE STOPS.
C7	TEMP. SENSOR INOPERATIVE. NO WATER HEAT.

CONTROL & ELECTRICAL DIAGNOSIS



SET UP: (1) LATCH DOOR
(2) PRESS A SELECTOR PAD

DOES DISPLAY LIGHT ?

CHECK FOR 120 VAC TO CONTROL: BETWEEN #10 (WR) AND #6 (BX) THEN #10 AND #13 (BW)

REPLACE CONTROL

- CHECK WIRING
- CHECK DOOR SW.

CHECK ELECTRONIC CONTROL:
1. PRESS SELECTOR PADS. OBSERVE DISPLAYS & BEEPS.
2. PRESS START. PUMP MOTOR RUNS.
3. PRESS CANCEL/RESET. DRAIN SOL. ON 5 SEC.
4. RUN THRU F-1 CYCLE.

FAULT CODE APPEARS OR COMPON. INOPER.

PAD OR DISPLAY INOPER.

ALL OK

REPLACE CONTROL

CONTROL IS GOOD

ANALYZE CODE. CHECK FOR 120VAC AT COMPONENT OR 16VDC AT SENSOR.

REPLACE OR REPAIR COMPONENT OR SENSOR

CHECK FOR 120VAC OR 16VDC AT CONTROL CONN. PLUG/TERMINAL

REPLACE CONTROL

REPAIR WIRING

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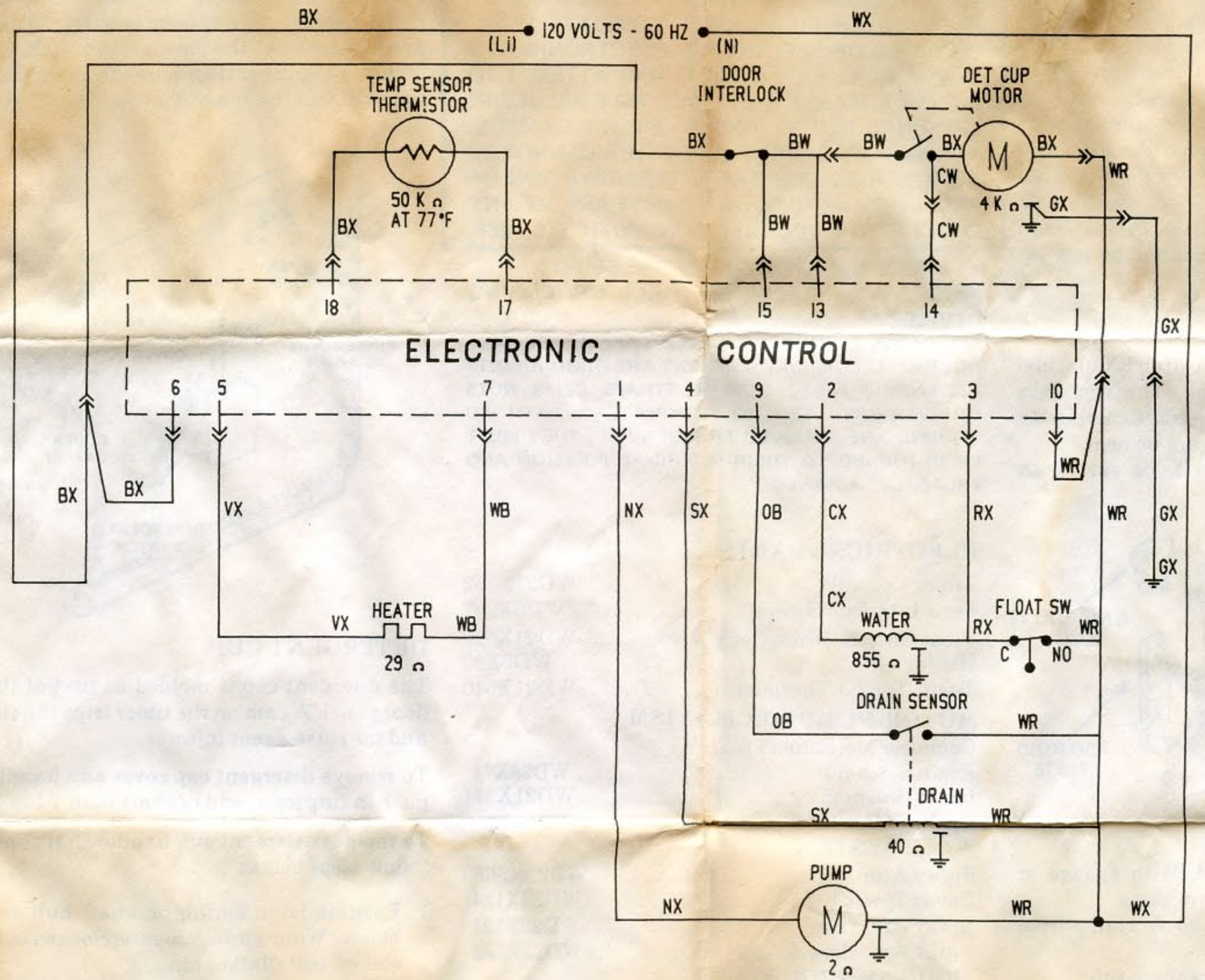
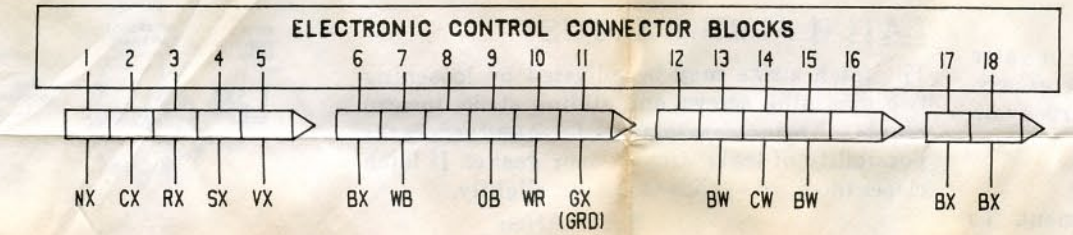
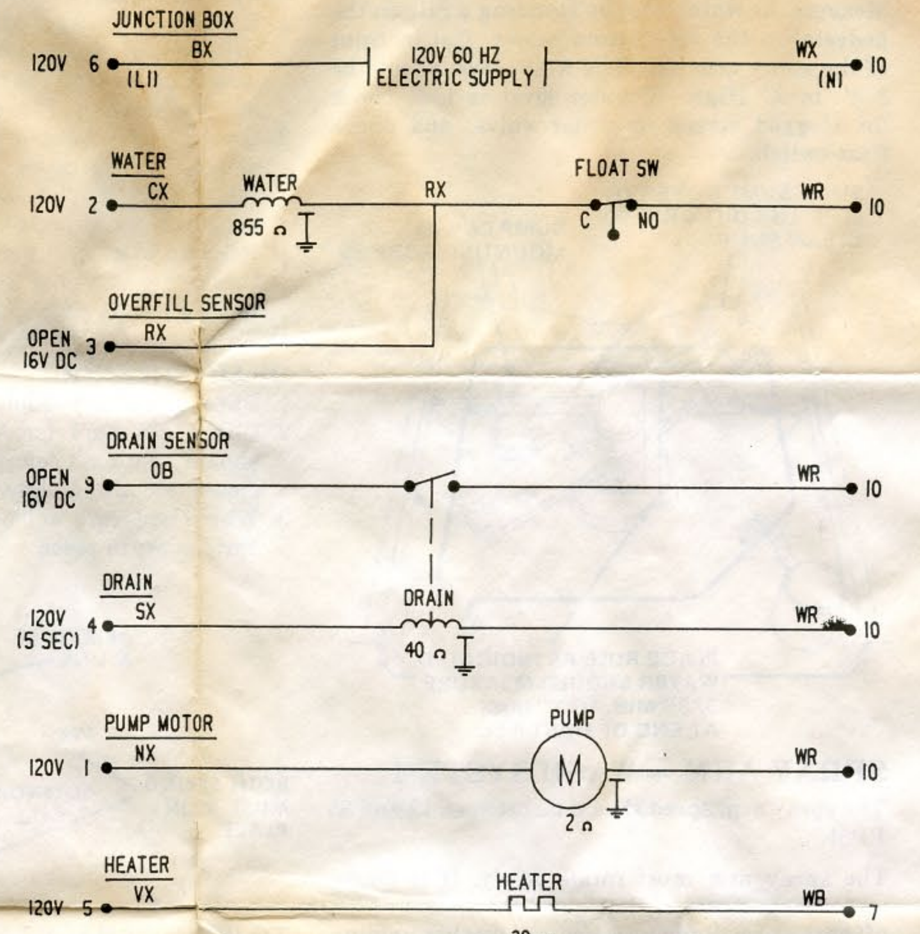




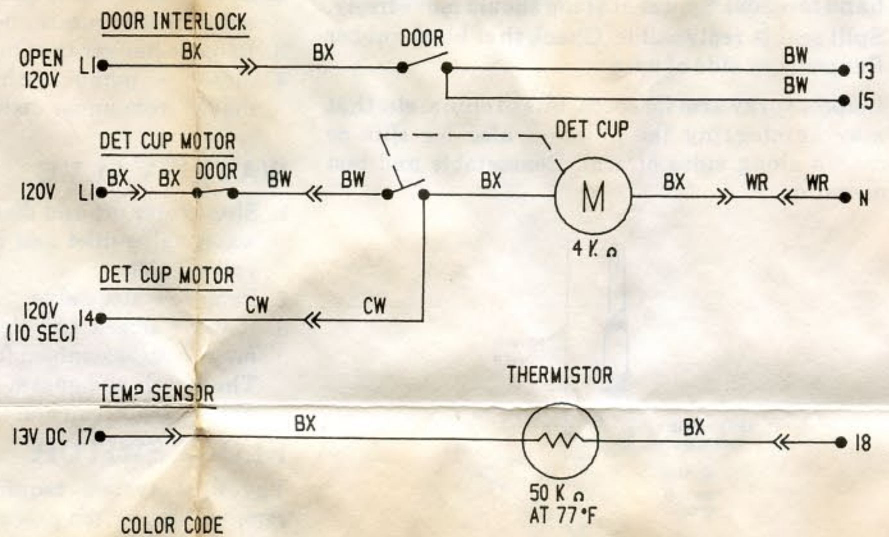
STRIP CIRCUITS

LOWER HARNESS



STRIP CIRCUITS

INSIDE DOOR



COLOR CODE

LETTERS	COLOR	LETTERS	COLOR	LETTERS	COLOR
AX	LT.BLUE	OX	ORANGE	TX	TAN
BX	BLACK	PX	PINK	VX	PURPLE
CX	BROWN	RX	RED	WX	WHITE
NX	DK.BLUE	SX	GRAY	YX	YELLOW

THE "X" INDICATES ONE SOLID COLOR - NO TRACER. WIRES WITH TRACER SHOW BOTH COLORS. EXAMPLE - WR IS WHITE WITH RED TRACER.

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