WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK:

THE POWER MUST BE DISCONNECTED BEFORE SERVICING BY UNPLUGGING THE MACHINE OR DISCONNECTING THE CIRCUIT BREAKER.

THE MACHINE MUST BE ELECTRICALLY GROUNDED THROUGH THE LEAD IN THE 3-PRONG POWER CORD. THE CORD MUST BE PLUGGED INTO A GROUNDED APPLIANCE OUTLET THAT HAS BEEN PROPERLY INSTALLED. IF LOCAL CODES REQUIRE AN ADDITIONAL GROUND CONNECTION, SEE A 14 GAUGE OR LARGER WIRE TO CONNECT THE WASHER CABINET TO AN ESTABLISHED GROUND. IN ALL CASES, THE GROUNING METHOD MUST COMPLY WITH ALL LOCAL ELECTRICAL CODES AND ORDINANCES.

FIELD SERVICE MODE:

PRESS START BUTTON WHILE ROTATING CYCLE SELECTOR KNOB 180 DEGREES. RELEASE START BUTTON AND ALL LIGHTS WILL LIGHT. THIS IS POSITION ZERO.

LED NUMBER 15 IS POSITION LOCATION FROM LEFT TO RIGHT. ROTATE KNOB COUNTERCLOCKWISE TO VARIOUS ENCODER POSITIONS (DEFINITIONS) PER THE TABLE TO PERFORM FUNCTIONAL CHECKS.

FOR EXAMPLE, IN POSITION #2, IF LED 1 IS ON, THEN EEPROM IS NOT FUNCTIONING CORRECTLY.

TERMINATION OF SERVICE MODE CAN BE ACCOMPLISHED BY REMOVING POWER TO THE WASHER OR DEPRESSING START BUTTON AND ROTATING KNOB 180 DEGREES, OR WAITING 30 MINUTES.

Legend:

- 0: OFF
- 1: ON
- 2: ON
- 3: ON
- 4: OFF
- 5: OFF
- 6: OFF
- 7: OFF

- RX: RED
- SM: GRAY
- TX: TAN
- VX: PURPLE
- WX: WHITE
- YX: YELLOW

THE "X" INDICATES ONE SOLID COLOR: NO TRACER. WIRES WITH TRACER SHOW BOTH COLORS. EXAMPLE: WR IS WHITE WITH RED TRACER.
**WARNING** TO REDUCE THE RISK OF ELECTRICAL SHOCK:

- The power must be disconnected before servicing by unplugging the machine or disconnecting the circuit breaker.
- The machine must be properly grounded through the grounding lead in the three-wire power cord. The cord must be plugged into a properly grounded and grounded appliance outlet. If local codes require an additional ground connection, use a 16-gauge or larger wire to connect the machine cabinet to the earth ground. In all cases, the grounding method must comply with all local codes and ordinances.

**IMPORTANT!** RECONNECT ALL GROUNDED DEVICES

IF GROUNDING WIRES, SCREWS, STRAPS, PULL TABS OR NATIONAL ELECTRICAL CODE (NEC) SPECIFIC DEVICES ARE REMOVED FOR SERVICE, THEY MUST BE RETIGNED TO THEIR ORIGINAL POSITION AND PROPERLY FASTENED.

**IMPORTANT SAFETY NOTICE**

THIS INFORMATION IS INTENDED FOR USE BY INDIVIDUALS POSSESSING APPROPRIATE SAFETY AND SERVICE SKILLS. THE MANUFACTURER OR ITS RECLAMATION OF THIS INFORMATION WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE RESULTING FROM THE USE OF THIS INFORMATION.

**WATER LEVEL SWITCH**

BEFORE DISCONNECTING Hoses FROM WATER LEVEL SWITCH OR SLIDE WATER LEVEL SWITCH IN MACHINE IS BELOW BOTTOM OF WASHER BASKET AFTER REINSTALLATION, PUT MACHINE IN SPIN FOR AT LEAST ONE MINUTE BEFORE DESELECTING OPERATION SWITCH.

1. **To Remove Control Panel:**
   1. Follow step 1.
   2. Pull keypad switch to be serviced.
   3. Unplug screwdriver, gently depress tab and turn load size switch counter-clockwise to remove from keyhole.
   4. Reverse procedure to reinstall.

2. **To Remove Load Size Switch in Control Panel:**
   1. Follow step 1.
   2. Pull keypad switch to be serviced.
   3. Insert screwdriver, gently depress tab and turn load size switch.
   4. Reverse procedure to reinstall.

3. **To Remove Electronic Control Board:**
   1. Follow step 1.
   2. Remove wiring harness assembly.
   3. Remove harness connector and attach new harness to service harness assembly.
   4. Remove printed circuit board from control panel.
   5. Remove electronic control board by gently lifting up the board.
   6. Reverse procedure to assemble.
   7. Note: Molding pieces must be light passing through before removing screws.

4. **To Remove Front Panel:**
   1. Locate two spring clips between cover and front panel, by aligning push nut with groove in either side of lid and cover.
   2. Insert pry knife and push forward to release clips.

5. **To Remove Cover/Lid Assembly:**
   1. Remove front panel using step 1.
   2. Remove two 1/4" hex screws on front of cabinet.
   3. Remove tape from lid switch connector.
   4. Remove cover/lid assembly.
   5. Reverse procedure to assemble.
   6. Tip: The word "LOosen" with an arrow appears on the nut.

6. **To Remove Spinn Basket:**
   1. Follow step 1.
   2. Remove five hex screws from control panel bracket. Lift bracket up and out of the way.
   3. Disconnect four danger straps from tubing attached to 3/8" hex screws.
   4. Remove tub cover by lifting up right molded tabs on tub cover and pulling cover off.
   5. Remove agitator by grasping bottom and sharply pulling up.
   6. Remove 3/16" hex bolt attaching air coupling to transmission spindle.

7. **To Service Tub/Motor Assembly:**
   1. Repeat steps 1 and 2.
   2. Remove split ring and washer from transmission.
   3. Remove tub cover by lifting up right molded tabs on tub cover and pulling cover off.
   4. Remove four 1/2" hex bolts mounting platform to tub.
   5. Remove platform.
   6. Lift transmission up out. Transmission and brake are one assembly and are replaced as a component.

8. **To Service Motor/Clutch:**
   1. Repeat step 1.
   2. Loosen four 3/8" nuts on bottom of motor/brake and reverse procedures operations.

**To Service Transmission:**

1. Repeat steps 1, 2, 3, 4.
2. Remove transmission drive pulley by holding it as shown, and removing 3/4" pulley nut.
3. After pulley is removed, remove four 3/8" bolts mounting the transmission to leg and platform assembly.

123C8294P001

N0 341-3