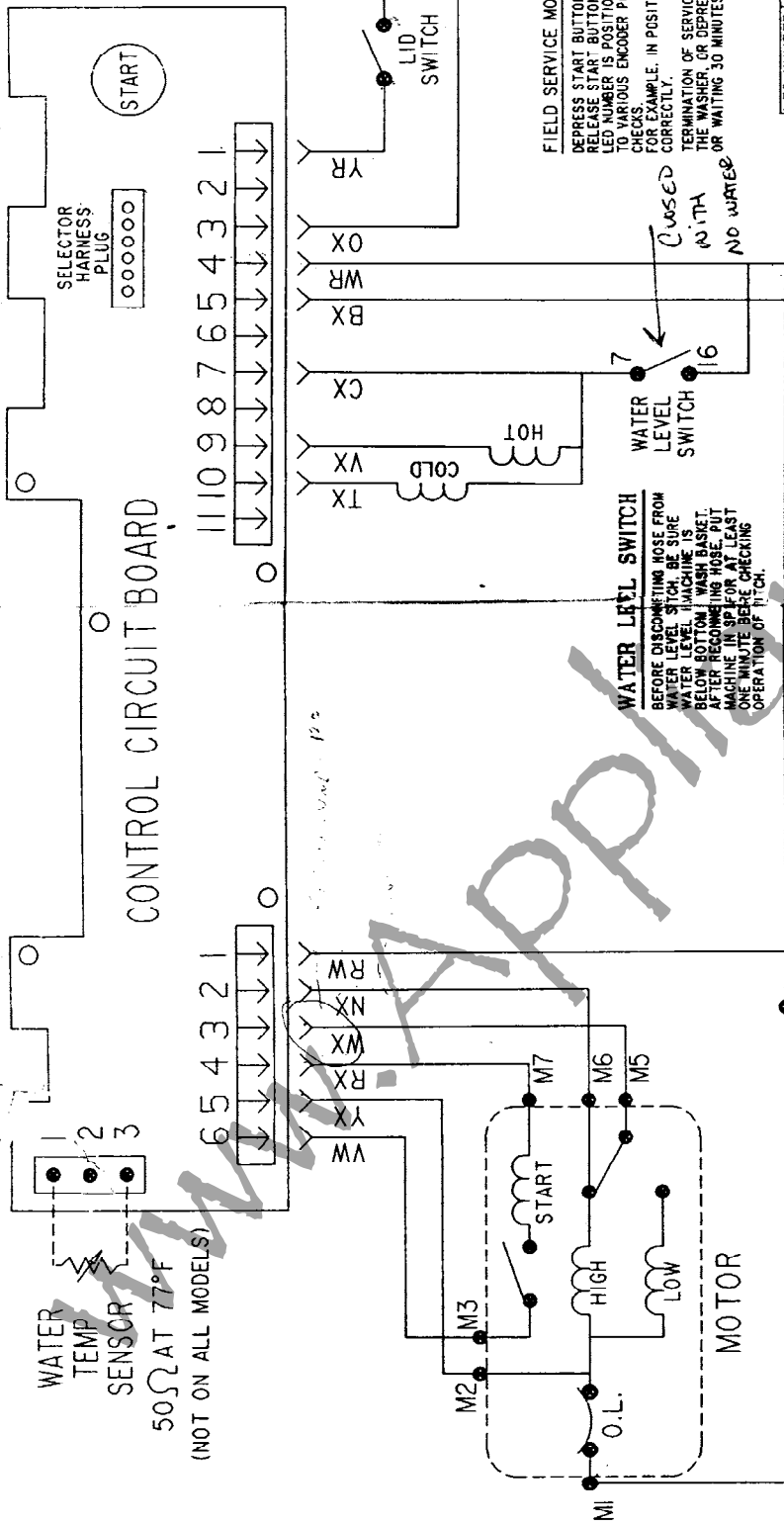


175D2750G1;1-175D2750G151

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

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



**FIELD SERVICE MODE**  
 DEPRESS START BUTTON WHILE ROTATING CYCLE SELECTOR KNOB 180 DEGREES. DEPRESS START BUTTON UNTIL LED 7 IS ON. THIS IS POSITION ZERO. LED NUMBER IS POSITION LOCATION FROM LEFT TO RIGHT. ROTATE KNOB CLOCKWISE TO VARIOUS ENCODER POSITIONS (DETENTS) PER THE TABLE TO PERFORM FUNCTIONAL CHECKS. FOR EXAMPLE, IN POSITION #2, IF LED 7 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.

**WATER LEVEL SWITCH**  
 BEFORE DISCONNECTING HOSE FROM WATER LEVEL SWITCH, MAKE SURE WATER LEVEL SWITCH IS BELOW BOTTOM WASH BASKET. AFTER RECONNECTING HOSE, PUT MACHINE IN SPIN FOR AT LEAST ONE MINUTE BEFORE CHECKING OPERATION OF FITCH.

LED NUMBER	0	1	2	3	4	5	6	7	8
LED ACTIVE MODE	0	1	1	1	1	1	1	1	1
LED CHECK	0	0	0	0	0	0	0	0	0
MODEL CODE	0	0	0	0	0	0	0	0	0
ERROR CODE - EEPROM	0	0	0	0	0	0	0	0	0
ERROR CODE - THERMISTOR	0	0	0	0	0	0	0	0	0
ERROR CODE - FLOOD	0	0	0	0	0	0	0	0	0
ERROR CODE - SLOW PUMP	0	0	0	0	0	0	0	0	0
ERROR CODE - NO FILL	0	0	0	0	0	0	0	0	0
ERROR CODE - NO PUMP	0	0	0	0	0	0	0	0	0
ERROR CODE - PUSHBUTTON	0	0	0	0	0	0	0	0	0
HOT WATER VALVE ACTIVE	0	0	0	0	0	0	0	0	0
COLD WATER VALVE ACTIVE	0	0	0	0	0	0	0	0	0
FAST AGITATE (DRY)	0	0	0	0	0	0	0	0	0
PUMP	0	0	0	0	0	0	0	0	0
SPIN	0	0	0	0	0	0	0	0	0

**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 ELECTRICALY GROUND THROUGH THE LEAD IN THE 3 PRONG POWER CORD. THE CORD MUST BE PLUGGED INTO A PROPERLY GROUNDING AND CONNECTED TO A 16 GAUGE OR LARGER WIRE TO CONNECT THE WASHER CABINET TO AN ESTABLISHED GROUND. IN ALL CASES, THE GROUNDING METHOD MUST COMPLY WITH ALL LOCAL ELECTRICAL CODES AND ORDINANCES.

Sht. 412

# WARNING TO REDUCE THE RISK OF ELECTRICAL SHOCK:

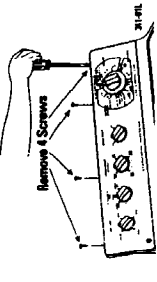
The power must be disconnected before servicing by unplugging the machine or disconnecting the circuit breaker.  
 The machine must be electrically grounded through its grounding lead in the three-prong power cord. The cord must be plugged into a properly installed and grounded appliance outlet. If local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

**IMPORTANT - RECONNECT ALL GROUNDED DEVICES**  
 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.

**IMPORTANT SAFETY NOTICE**  
 THIS INFORMATION IS INTENDED FOR USE BY INDIVIDUALS POSSESSING ADEQUATE BACKGROUND OF ELECTRICAL, ELECTRONIC AND MECHANICAL EXPERIENCE. ANY ATTEMPT TO REPAIR A MAJOR APPLIANCE COMPONENT WITHOUT THE NECESSARY TRAINING AND EXPERIENCE CAN BE DANGEROUS TO YOUR PERSONAL SAFETY AND PROPERTY. NO WARRANTIES OR REPRESENTATIONS CAN BE MADE FOR THE INFORMATION. NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

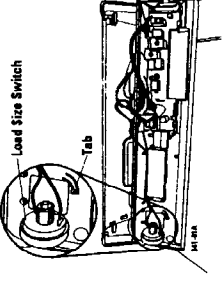
**WATER LEVEL SWITCH**  
 BEFORE DISCONNECTING HOSE FROM WATER LEVEL SWITCH BE SURE WATER LEVEL IN WASH TUB IS BELOW BOTTOM OF WASH BASKET AFTER RECONNECTING HOSE. PUT MACHINE IN SPIN FOR AT LEAST ONE MINUTE BEFORE CHECKING OPERATION OF SWITCH.

## 1 To Remove Control Panel:



## 2 To Remove Load Size Switch in Control Panel:

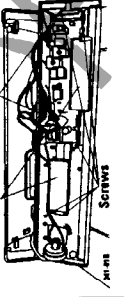
- Follow step 1.
- Pull knob off switch to be serviced.
- Using screwdriver, gently depress tab and turn load size switch counter clockwise to remove from kerf hole.
- Reverse procedure to reinstall.



## 3 To Remove Electronic Control Board:

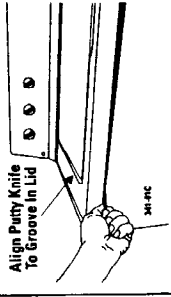
- Follow step 1.
- Remove knob assemblies.
- Remove harness connections and assembly.
- Remove (four to six) 1/4" hex screws from control board.
- Remove electronic control board by gently lifting from position.
- Reverse to reassemble.

**NOTE:** Mounting plate holes MUST have lights passing through before reinstalling screws.

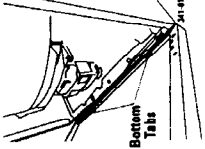


## 4 To Remove Front Panel:

- Locate two spring clips between cover and front panel, by aligning putty knife with groove on either side of lid and cover. (See illustration below).
- Insert putty knife and push forward to release clips.

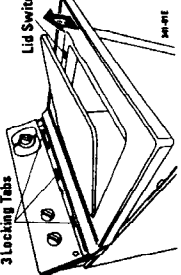


- Rotate front panel forward and lift off cabinet base locating tabs.
- Reverse procedure to reassemble.



## 5 To Remove Cover/Lid Assembly:

- Remove front panel using step 4.
- Remove two 1/4" hex screws on front of cabinet.
- Remove tape from lid switch connector and disconnect.
- Remove cover/lid assembly.

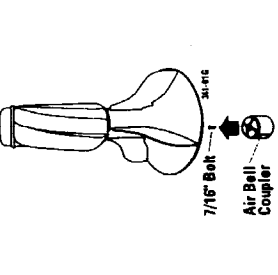


## 6 To Remove Spin Basket:

- Follow steps 4 & 5.
- Remove five hex screws from control panel bracket. Tilt bracket up and out of the way (Water valve is mounted to bracket).

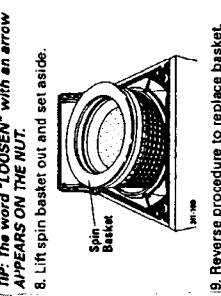


- Disconnect four dampening straps from tub attached by 5/16" hex screws.
- Remove tub cover by lifting out eight molded tabs on tub cover, and pull cover off.
- Remove agitator by grasping bottom and sharply pulling up.
- Remove 7/16" hex bolt attaching air bell coupling to transmission spine shaft.



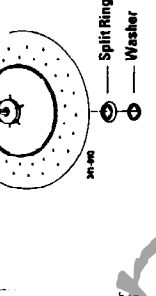
**Tip:** To align agitator to replace, match grooves in air bell to grooves inside agitator. Fit is aligned with groove.

- Remove left-handed 1-11/16" transmission hub nut. This nut is aluminum, take care not to round the edges when removing or replacing.
- Lift spin basket out and set aside.

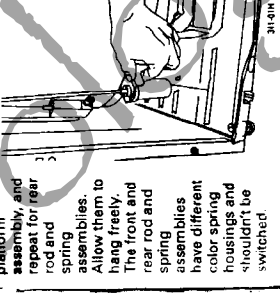


## 7 To Service Tub/Motor Assembly:

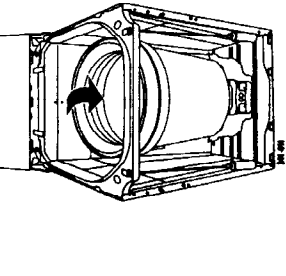
- Repeat steps 4 & 5.
- Remove split ring and washer from transmission.



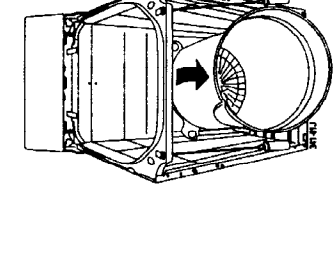
- Remove front rod and spring assembly (one at a time) by lifting motor tub assembly up to take weight off suspension spring allow portion of rod. Pull the spring assembly out of the leg and platform.



- The motor and tub assembly will now lean forward after both front rod and spring assemblies are unhooked at platform.
- Disconnect motor harness connector, grounding wire to frame and pressure switch hose at take off.
- Disconnect drain hose inlet (black hose) at tub.
- Lift and push bottom of tub/motor assembly towards the rear of the cabinet, and roll tub out under top lip of cabinet.

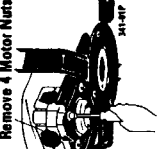


- Pull tub out of cabinet by lifting it over its top as shown below.
- Reverse procedure to reassemble.



## 8 To Service Motor/Clutch:

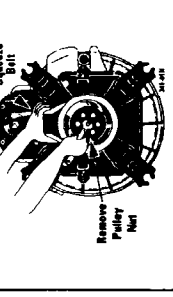
- Repeat step 6.
- Loosen four 3/8" nuts on bottom of motor. (Use 4 ratchet sockets to speed operation).



- Move motor towards the center to remove belt.
- Rotate transmission to give motor clearance. Rotate motor to the back and pull out.
- Proper belt tension is 1/2" deflection.
- Reverse procedure to reassemble.

## 9 To Service Transmission:

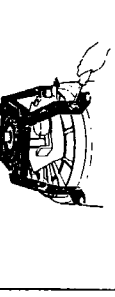
- Repeat steps 4 & 5.
- Remove transmission drive pulley by rotating belt as shown, and removing 3/4" pulley nut.



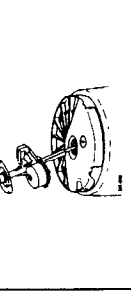
- After pulley is removed, remove four 3/8" bolts mounting the transmission to leg and platform assembly.



- Remove four 1/2" hex bolts mounting platform to tub.



- Remove platform.
- Lift transmission up and out. Transmission and brake are one assembly and are replaced as a component.



- Reverse procedure to reinstall.

**TIP:** Take care to align the four locating holes from transmission to platform before reinstalling transmission.

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 N.D. 341-01