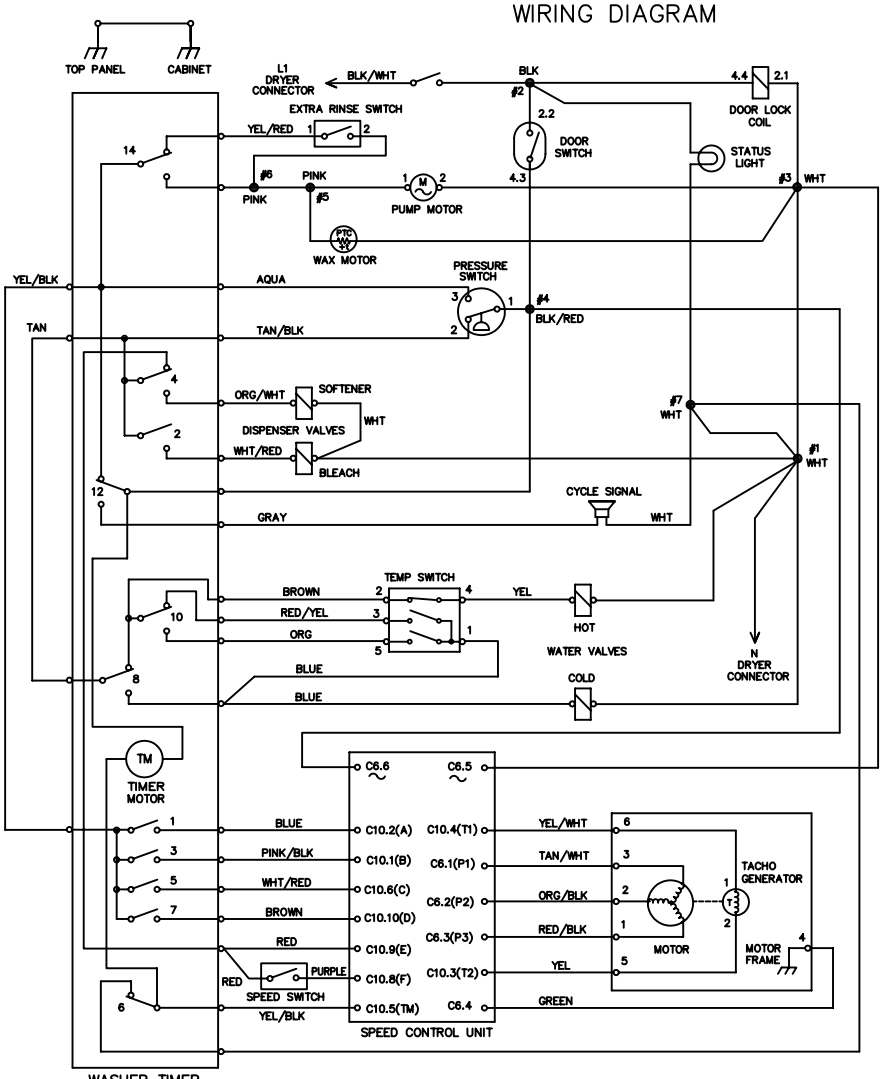
**⚠ WARNING** Disconnect from Electrical Supply Before Servicing Washer.

## WIRING DIAGRAM



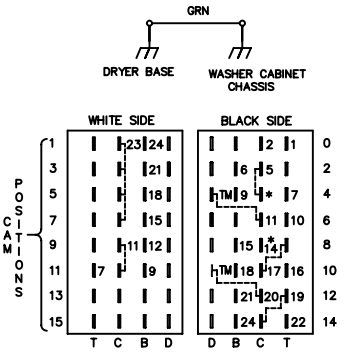

WASHER TIMER SHOWN IN OFF POSITION, DISPENSER DRAWER OPEN, & DOOR OPEN.

| TEMPERATURE SWITCH CIRCUIT | | | |
|---|---|---|---|
| WASH/RINSE | 1–3 | 1–5 | 2–4 |
| HOT/COLD | | | X |
| WARM/COLD | | X | X |
| COLD/COLD | | X | |
| WARM/WARM (OPT) | X | X | X |

X=CONTACTS CLOSED


NO LOAD, START POSITION OF PERMANENT PRESS

| COMPONENT RESISTANCE TABLE | | |
|---|---|---|
| ELECTRICAL COMPONENT | | RESISTANCE Ω @ 77°F (25°C) |
| WATER VALVE SOLENOIDS | | 880 ±10% |
| DOOR LOCK SOLENOID | | 1325 ±6% |
| TIMER MOTOR | | 2425 ±6% |
| PUMP MOTOR | | 15 ±7% |
| DISPENSER VALVE SOLENOIDS | | 1100 ±7% |
| MOTOR | M1 TO M2 | 2.6 ±7% |
| | M2 TO M3 | 2.6 ±7% |
| | M1 TO M3 | 2.6 ±7% |
| | M5 TO M6 | 184 ±7% |

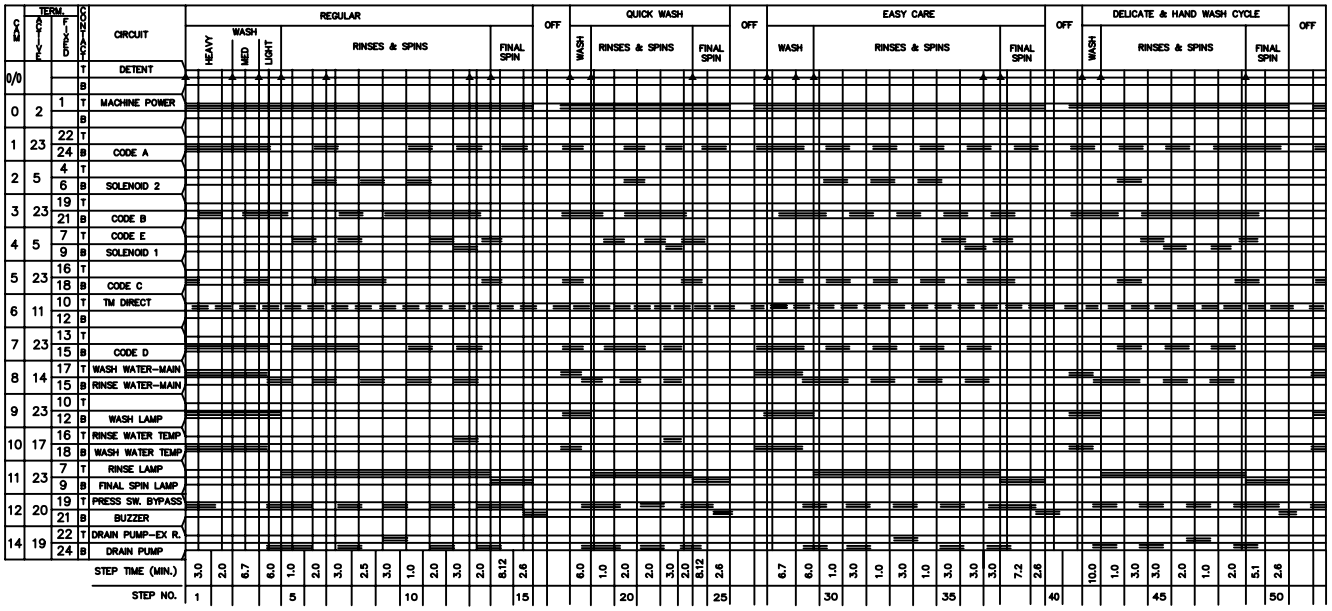



TERMINAL POSITION CHART
(END VIEW)

-----DASHED LINES INDICATE INTERNAL TIMER BUSSING
T TOP TERMINAL
C CAM TERMINAL
B BOTTOM TERMINAL
D DUMMY TERMINAL
* DENOTES BUSSED CIRCUITS ACCOMPLISHED THROUGH THE WIRING HARNESS.

| WIRING CODES | |
|---|---|
| | CONNECTION |
| | NO CONNECTION |
| | MOTOR SWITCH |
| | SPLICE |
| | MOTOR PROTECTOR |
| | CHASSIS (CABINET) GROUND |
| | HARNESS CONNECTOR TERMINAL |

| SPEED SWITCH | |
|---|---|
| SPEED | 1–2 |
| NORMAL | CLOSED |
| FAST | OPEN |



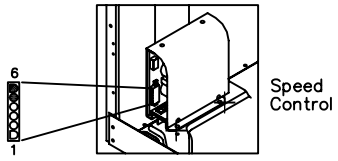

PART NO. 134573300

**⚠ WARNING**

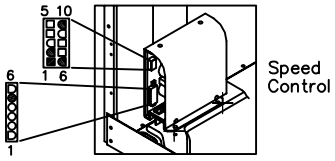
This information is intended for use by persons having electrical and mechanical training and a level of knowledge of these subjects generally considered acceptable in the appliance repair trade. The manufacturer or seller can not be responsible, nor assume any liability, for injury or damage of any kind arising from the use of this data.

## Motor Will Not Run

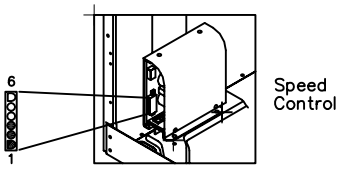
1. CHECK FOR POWER:
   Advance the timer knob to the drain increment. If the drain pump does not run, check household safety circuit. If the drain pump runs go to step 2.
2. CHECK FOR MOTOR MOVEMENT:
   Turn the water off to the washer. Remove electrical power from the washer and remove the back panel. Remove the motor drive belt. Reconnect electrical power and set the timer to the start of the Regular wash cycle and pull the knob out. If motor does not rotate, check for a poor connection in the timer line switch or door lock switch. If good, and motor does not run go to step 3.
3. MEASURE VOLTAGES:
   Remove the six pin plug from the speed control unit. Measure the voltage between pins 5 and 6 on the harness. If the meter reads 0 check the connection in the timer line switch or door lock. If the meter reads 120 Vac go to step 4.




4. Set the timer to the Heavy Wash position of the Regular wash cycle. Remove the ten pin plug from the speed control unit. Measure the voltage between pins 1, 2, 6 and 10 of the ten pin plug to pin 5 of the 6 pin plug on the harness. The voltage at pins 2, 6, and 10 should read 120 Vac and 0 Vac at pin 1. If not, check timer contacts 1C to 1B, 5C to 5B, and 7C to 7B for closed contacts, and 3C to 3B for open contacts. If the voltage readings are correct, go to step 5.




5. MEASURE RESISTANCES:
   Check the fuse on the speed control board. If the fuse is open, replace the speed control board. If good, go to step 6.
6. Remove the 6 pin plug from the speed control unit. Measure the resistance between pins 1 and 2, 2 and 3, and 3 and 1 of the speed control unit. If the meter reads other than 3 Meg ohms ± 10%, replace the speed control board.
7. Remove electrical power from the washer. With an ohmmeter check the resistance between pins 1 and 2, 2 and 3, and 3 and 1 of the six pin plug on the harness. If the meter reads other than 2.6 ohms ± 7%, replace the motor.

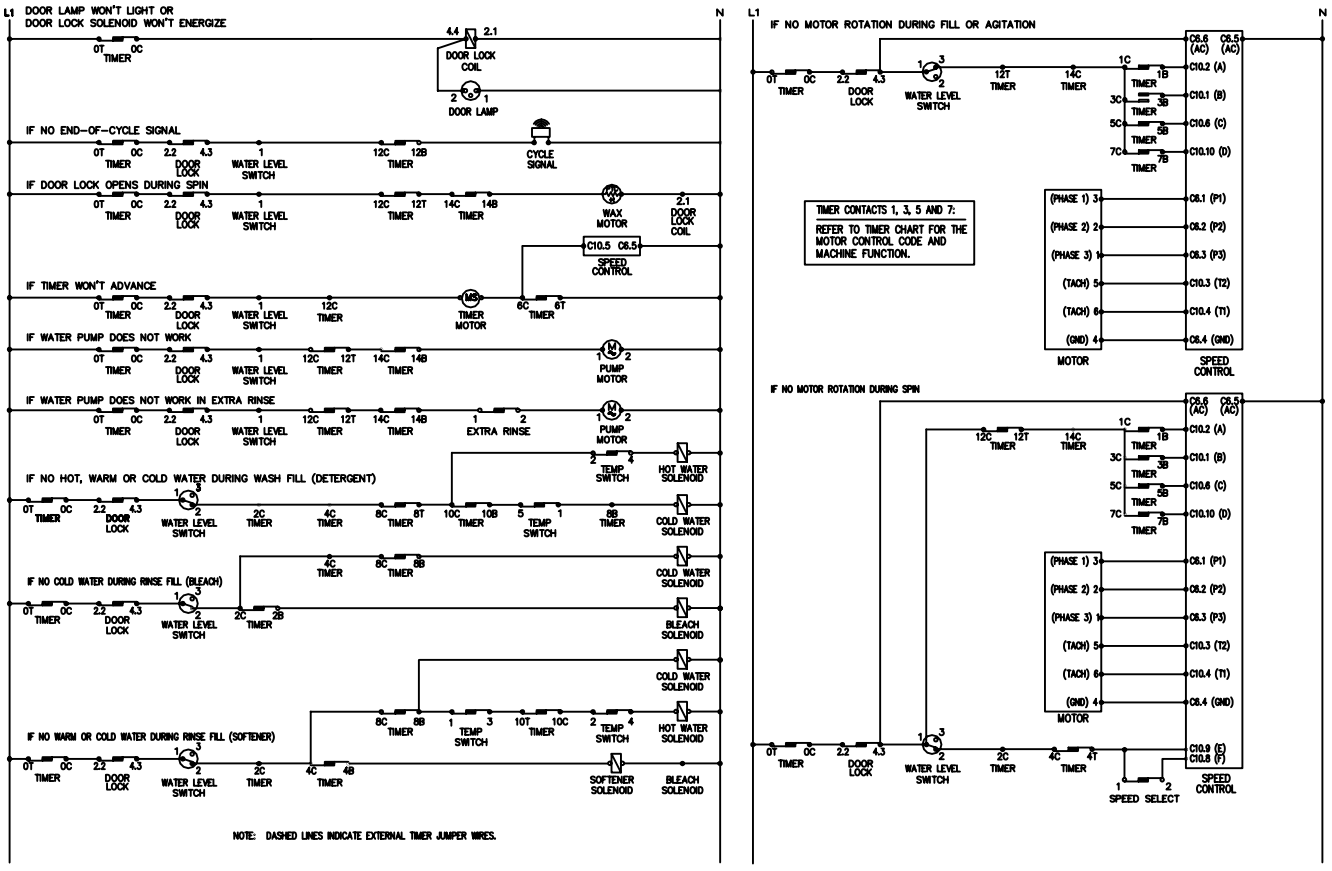



### Quick Facts

The timer motor will not run continuously. The speed control unit controls the timer motor and advances the timer when needed.

In some tumble modes, the tub may not tumble for the first 16 to 20 seconds after start–up.

Extremely low water pressure may cause tub rotation to stop until WLC satisfied.

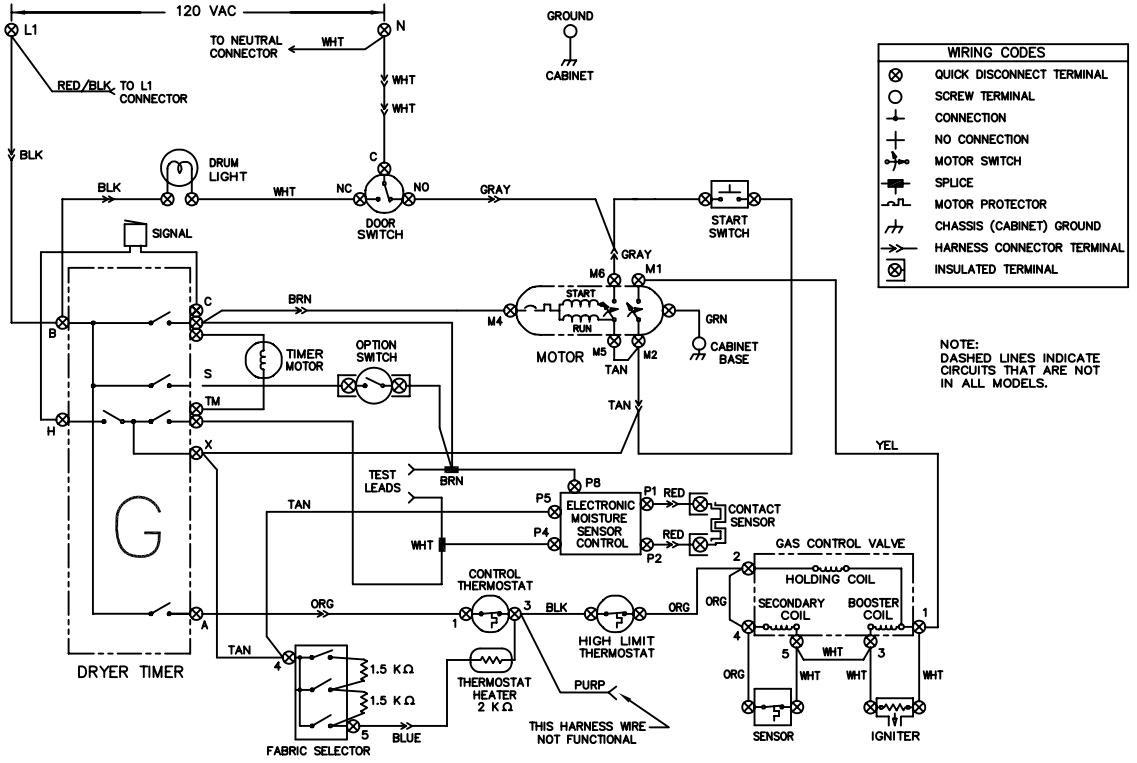



DIAGNOSTIC STRIP CIRCUITS

**IMPORTANT**

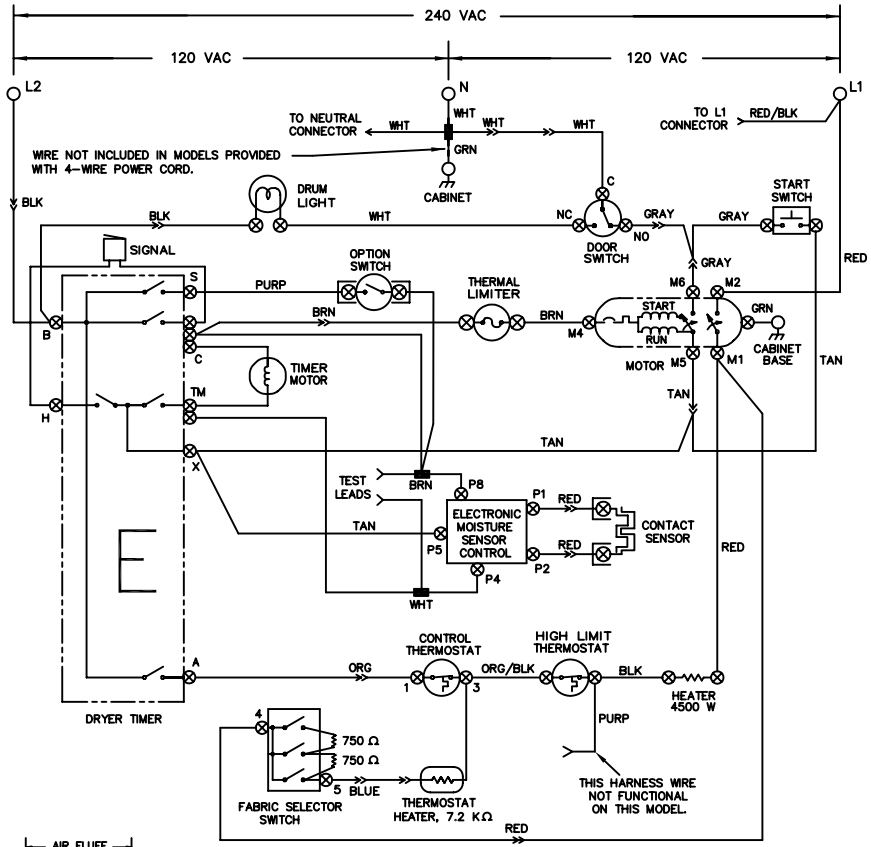
If grounding wires, screws or clips used to complete a path to ground are removed for service, they must be returned to their original position and properly fastened. Certain internal parts are intentionally NOT grounded and may present a risk of electric shock only during servicing. Do not contact the following parts while the appliance is energized: pump, drive motor and electronic control boards.

CAUTION: DISCONNECT ELECTRIC CURRENT BEFORE SERVICING. LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. VERIFY PROPER OPERATION AFTER SERVICING.




| WIRING CODES |
|---|
| QUICK DISCONNECT TERMINAL |
| SCREW TERMINAL |
| CONNECTION |
| NO CONNECTION |
| MOTOR SWITCH |
| SPLICE |
| MOTOR PROTECTOR |
| CHASSIS (CABINET) GROUND |
| HARNESS CONNECTOR TERMINAL |
| INSULATED TERMINAL |

NOTE:
DASHED LINES INDICATE CIRCUITS THAT ARE NOT IN ALL MODELS.

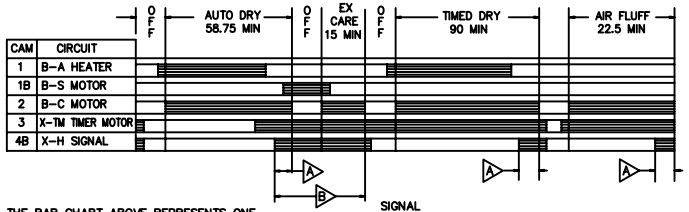



FABRIC SELECTOR SWITCH–GAS MODELS

| POSITION | FUNCTION | RESISTANCE Ω |
|---|---|---|
| 1 | HIGH | OPEN CIRCUIT |
| 2 | MEDIUM | 3K ±5% |
| 3 | MEDIUM/LOW | 1.5K ±5% |
| 4 | LOW | 10 MAX |

NOTES–GAS MODELS
1. ALL WIRING MUST CONFORM TO LOCAL ELECTRICAL CODES.
2. CONNECT DRYER TO 15 AMP INDIVIDUAL BRANCH CIRCUIT.
3. DRYER TIMER SHOWN IN OFF POSITION DOOR SWITCH CLOSED, MOTOR AT REST, THERMOSTAT CLOSED. AND FABRIC SELECTOR SWITCH AT HIGH HEAT.

GAS & ELECTRIC CYCLE CHART




THE BAR CHART ABOVE REPRESENTS ONE COMPLETE REVOLUTION OF TIMER SHAFT.

SHADED PORTION OF BAR CHART INDICATES THE PROPORTIONAL TIMES THAT INTERNAL TIMER CONTACTS ARE CLOSED.

SIGNAL

A CIRCUIT "X–H" WILL CLOSE FOR 5 SEC ±3 SEC 1 TO 2 TIMES IN THIS AREA. WHEN 2 CLOSURES OCCUR THEY WILL BE 5 MIN. APART.

B CIRCUIT "X–H" WILL CLOSE FOR 5 SEC ±3 SEC 5 TO 7 TIMES IN THIS AREA. THE CLOSURES WILL BE 5 MINUTES APART.

FABRIC SELECTOR SWITCH–ELEC MODELS

| POSITION | FUNCTION | RESISTANCE (4–5) |
|---|---|---|
| 1 | HIGH | OPEN CIRCUIT |
| 2 | MEDIUM | 1.5K ±5% |
| 3 | MEDIUM/LOW | 750 ±5% |
| 4 | LOW | 10 MAX |

NOTES–ELEC MODELS
1. ALL WIRING MUST CONFORM TO LOCAL ELECTRICAL CODES.
2. CONNECT DRYER TO 30 AMP INDIVIDUAL BRANCH CIRCUIT.
3. DRYER TIMER SHOWN IN OFF POSITION DOOR SWITCH CLOSED, MOTOR AT REST, THERMOSTAT CLOSED. AND FABRIC SELECTOR SWITCH AT HIGH HEAT.

WIRING DIAGRAM
PART NO. 134573300