Laundrylux®

Instructions for Installing Crossover
Time of Day Pricing Feature

CAUTION: THESE INSTRUCTIONS ARE INTENDED TO ASSIST QUALIFIED, EXPERIENCED SERVICE PERSONNEL ONLY! IMPROPER SERVICING OF MACHINERY MAY RESULT IN HAZARDOUS CONDITIONS, PERSONAL INJURY, OR DAMAGE TO PROPERTY. PERSONS NOT TRAINED, OR PERSONS UNFAMILIAR WITH WASCOMAT LAUNDRY MACHINES, SHOULD REFER SERVICING TO QUALIFIED PERSONNEL.

ALWAYS DISCONNECT ELECTRICAL POWER BEFORE SERVICING EQUIPMENT!!

Parts required:
1 each 096496 timer and power supply kit for each 15 machines.
1 each 096501 relay and harness kit per machine.

Instructions:
1. Disconnect electrical power from washer(s).

2. Remove the top panel from each machine.

3. Mount the price reduction relay in the top-most hole alongside the power cord inside the back panel of the machine (Fig. 1).

4. Route the harness from the relay connector as shown in Fig. 1, and secure it to the machine's main harness on the power module. Continue routing the BLUE price-reduction harness (with connector) to the front control console of the washer, securing it in each cable clamp and using cable-tes, as needed, to avoid contact with all moving parts (Fig. 2).

5. Connect the price reduction harness' connector to the 3-pin connector behind the control console (Fig.3).

6. **!! CRITICAL STEP !! Secure and tuck all wires so that they cannot be contacted by moving parts of the machine during operation.**
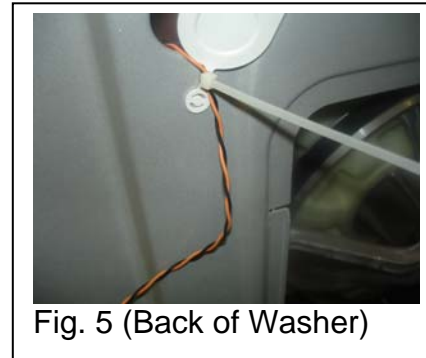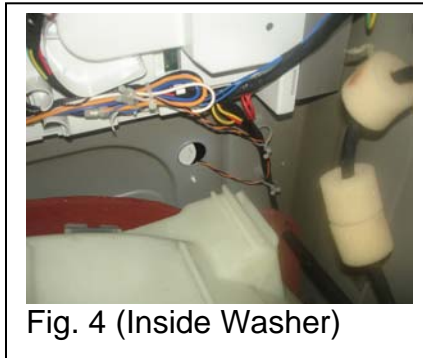

Fig. 1

Fig. 2

Fig. 3

7. Route the remaining two-wire harness (12VDC for relay activation) out of the rear of the machine, through the hole in the back panel from which the shipping securities were removed during machine installation. Be sure to route the wire through the cable clamps inside the washer, and secure it to the stem of the cap outside the machine (Illustrations 4 & 5), to protect the harness against contact with moving parts in the machine.

Fig. 4 (Inside Washer)

Fig. 5 (Back of Washer)

8. Connect all of the 12VDC harnesses together in "Daisy Chain" fashion behind the washers, using the large crimp cap splicing connectors provided in each 096501 kit.

9. Run two leads from the first machine in the daisy-chain to a **secure location** (back office, for example) using not more than 75 feet of #18AWG alarm system wire.

10. Connect the end of this wire pair to the two screw terminals on the power supply provided in the 096496 kit.

11. Plug the power supply into the digital timer provided in the kit, and plug this stacked pair into a 120V receptacle.

12. Follow the instructions provided with the timer to manually TURN ON the timer's output. The LEDs on the timer and on the power supply will light up.

13. Re-install the washer top panels, and restore power to the machines.

14. At each washer, enter the SERVICE MODE, and navigate to register 40. The LED above the HOT program button should be on. This indicates that the PRECE REDUCTION input on the washer's control is activated.

15. At each washer, enter the desired price discount as a percentage, as follows:
    a. Press the service button in the coin vault.
    b. Press BOTH the Heavy Soil and Extra Rinse buttons at the same time. The display shows 3 digits, the right-two of which represent the discount that will be applied when the price-reduction function is active.
    c. Press the START button.

d. Press the DELICATE (increase) or the HOT (decrease) buttons to set the desired discount percentage.
e. Press the START button to save the new value.
f. Press the service button in the vault to exit service mode.
g. The display should now show the appropriated discounted price for each program, rounded to the next higher "COIN 1" value.

16. Following the instructions provided with the timer, program the system to activate the discount at the desired times.

Contact Laundrylux Technical Support at 516-371-0700 if you have questions regarding these instructions, or for further assistance.

System Diagram:

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          ┌─────────┐        ┌─────────┐
          │   AC    │  ◄──── │  Timer  │
          │  Power  │        │   ┌─────────┐
          └─────────┘        └───│ Power   │
                                 │ Supply  │
                                 └─────────┘
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Max wire length from power supply to first machine: 75 ft

18AWG low-Voltage wire.

12VDC Relay mounted inside each washer.

Cross-over Washers

12VDC (2 wires daisy-chained) To Activate Relays in Washers.

Maximum 15 machines per 12V power supply.