

MAX-CHOICE

VACUUM, FRAGRANCE, SHAMPOO

PROBLEM SOLVER

Problem:	Possible Solution	Page 1
1. Shampoo not working. A. Check price setting in timer. B. Switch on handle C. Is Air Pump working? (Bottom right hand motor) D. Is the Soap pump working?	Find switch wire connection inside control panel, connect the wires together. Test. If Shampoo works, replace switch. No? Is handle switch on? No? Check connections on relays. No? Move Shampoo Relay (#4) with another relay. No? Check connections on relays. No? Move Shampoo Relay (#4) with another relay. No? Check power to motor, power good, replace motor. No? Check control door connection, check continuity of Brown wire through connector. No? Check continuity between Brown wire on relays to Timer's #5 position. Yes? Is there soap in the container? Yes? Does the line from the Soap container to the pump full of soap? Yes? Good. No? Replace the hose inside the pump (D/H# 62305)	
(Shampoo Relay ID: Shampoo Relay has a Brown wire.)		
2. Fragrance not working. A. Check price setting in timer. B. Is Air Pump working? C. Is the Fragrance pump working	No? Check connections on relays. No? Move fragrance relay with another relay. No? Check connections on relays. No? Move Fragrance relay with another relay. No? Check power to motor, power good, replace motor. No? Check control door connection, check continuity of wires through connector. Yes? Is there fragrance in the container? Yes? Does the line from the fragrance container to the pump full of fragrance? Yes? Good. No? Replace the hose inside the pump (D/H# 22053)	
Fragrance Relays ID: Fragrance #1 = first relay, has Orange wire. Fragrance #2 = second relay, has Gray wire. Fragrance #3 = third relay, has Blue wire.	Fragrance timer connection positions: Frag. #1 = #2 position on timer Frag. #2 = #3 position on timer Frag. #3 = #4 position on timer	
Fragrance Motor ID: Fragrance #1 = Top Left hand Motor Fragrance #2 = Bottom Left hand Motor Fragrance #3 = Top Right hand Motor		

3. Vacuum not working.

A. Check price setting in timer.

B. Is the Contactor relay pulling in? No? Check contactor coil connections, check coil's continuity.

No continuity = replace contactor.

No? Check the Yellow wire for continuity from contactor to #1 position on timer.

No? Check door connector for continuity.

No? Check Common wire for 24v AC.

No? Bad timer.

C. Manually engage Contactor, do the Vacuum motors start?

No? Check inline fuses to vacuum motors.

Fuses good = replace motor.

Yes? Re-Check section "B" above.

4. Voice not working.

A. Does it have power

No? Check for connection problems.

Yes? Check speaker wires for connection.

Yes? Bad Board.

B. Speaks English / Spanish only wants English.

Yes? Remove voice board cover, find "dip" switches, turn #2 off.

5. Money Problems.

A. Accepts Money (coin)

No? Check power connections to acceptor.

Yes, but no time given? Check all wires connected to timer position #14.

Yes? Bad Timer.

B Accepts Money (bills)

No? Check power connections to acceptor.

No? Check "dip" switches on the side, any turned on? Turn them off, re-program acceptor with programming card. (always keep "dips" OFF).

No? Is Bill acceptor flashing codes?

Yes? Follow code and repair.

Yes, but no time given? Check all wires connected to timer position #14.

Yes? Bad Timer.

Notice: This is just a guide of common issues, not everything can be listed for every possible problem. If you have a problem not listed please call your Distributor or Dilling-Harris Technical Support.