

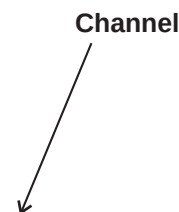
Service Diagnosis

Symptom	Probable Cause	Possible Correction
Does not dispense	No power to dispenser	Check for power, reconnect if off
	Ice chute not all the way up.	Push ice chute up.
	No ice in hopper	Check ice machine, it may be off or the dispenser's storage capacity may have been exceeded.
	Dispenser On-Off switch is OFF.	Move switch to ON
	Push button switch does not work	Check - replace switch if it will not close
	Coin switch (coin vending units) does not work	Check - replace switch if it will not close
	Coin units: Cam switch #2 open	Check position of switch on cam, check switch contacts.
	Card switch (code card units) does not work	Check - replace switch if it will not close
	Transformer failed	Check - replace if open
	Safety switch is open	Check - replace switch if it will not close
	Relay has failed	Check - replace relay if coil or points are open
	Motor of gear reducer is open or stuck	Check motor, replace if open
	Drive shaft broken	Check drive shaft, replace if broken
	Gear reducer stripped internally	Check if motor turns but output shaft does not. Service or replace gear reducer
	50 Hz models - main transformer has failed	Check, replace transformer if open
Does not STOP dispensing	Vend or cam switch stuck closed	Check cam or vend switch
Ice fills chute by itself	Result of ice agitation	This is normal
	Rotor not timed properly with cam switch	Adjust cam switch
	Vend switch stuck	Check vend switch

Removal and Replacement Procedures

Rotor

1. Disconnect electrical power.
2. At the back, remove two bolts securing ice machine to dispenser. If a bin thermostat is being used, pull the thermostat capillary tube up and out of the hopper.
3. Push the ice machine back 5 ½ " from its original position.
4. Locate nut holding rotor to shaft and remove it.
5. Remove the stainless steel drive channel and block.
6. Push the rotor back and off the drive shaft.
7. Pull the rotor out of the machine.



Shaft

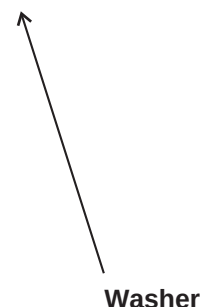
1. Remove washer from shaft.
2. Locate snap ring under washer and remove it.
3. Remove gear drive assembly from the front of the dispenser.
4. Pull the shaft out of the drive housing.

Reverse to reassemble, be sure washer is in place on shaft.

Cam Switches

All units use Cam Switch #1 (to the right of the cam). Coin units also use Cam Switch #2 (to the left of the cam). They must be set correctly for proper operation.

Either switch has contacts COM to NO closed when the unit is at stand by.



Cam SW # 2



Cam SW # 1



