

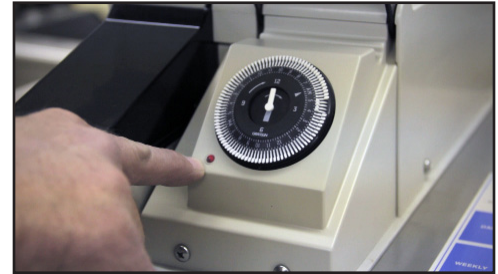


## Big Dipper Automatic Grease Removal Device

### Troubleshooting for Big Dipper 14000 Series Models

#### I. Check Power Light on bottom left of Timer

- A. If the light is on, go to Step II.
- B. If the light is not on, no power is reaching unit.  
Check electrical outlet for power by plugging in another appliance.
  - 1. If outlet has no power, check breaker or contact electrician.
  - 2. If outlet does have power, go to Step II.



Unit with Operational Power Light

#### II. Check Safety Switch on underside of the back of Center Module

Please unplug the unit before checking the Safety Switch. The Safety Switch should make contact with the lip of the tank when the Center Module is placed down connecting the circuit and allowing power to run to the Timer and Motor.

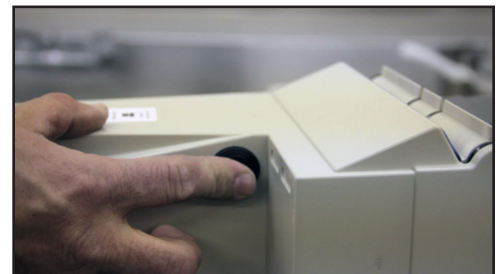
- A. If the Safety Switch is in the correct placement (sticking out of the opening just barely) and when pushed in, you feel it click, go to Step III.
- B. If the Safety Switch is not in the correct placement or does not click when pushed in, please contact Thermaco or your local Big Dipper service agent for replacement parts/service.



Checking Safety Switch (Interlock Switch) on rear of unit.

#### III. Check to see if Timer is operating properly.

- A. If your unit has a Jog Switch (located on the side of the housing) press it down to see if the skimming wheel turns.
  - 1. If the Skimming Wheel does not turn, please go to Step IV.
  - 2. If you can hear the motor running, but the skimming wheel does not turn go to Step IV.
  - 3. If the Skimming Wheel turns, it is likely that the motor in the Timer has gone bad and it is no longer working properly. Contact Thermaco or your local Big Dipper service agent for replacement parts/service.



Pressing the Jog Switch to Test Motor



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B. If your unit does not have a Jog Switch, simply turn the Timer clockwise until the pushed in tabs reach the arrow in between 12 and 3 on the clock face.

1. If the Skimming Wheel does not turn, please go to Step IV.
2. If you can hear the motor running, but the skimming wheel does not turn go to Step IV.
3. If the Skimming Wheel turns, it is likely that the Timer has gone bad and it is no longer working properly. Contact Thermaco or your local Big Dipper service agent for replacement parts/service.



Setting the Timer to Test Motor

#### IV. Check Motor

If the motor has gone bad, it is likely that you will be unable to turn the skimming wheel by hand. Place a screwdriver into one of the openings in the skimming wheel and try and rotate it towards the front of the unit.

- A. If the Skimming Wheel cannot be turned, then the motor has likely gone bad. Contact Thermaco or your local Big Dipper service agent for replacement parts/service.
- B. If the Skimming Wheel turns, it is likely that the Timer has gone bad and it is no longer working properly. Contact Thermaco or your local Big Dipper service agent for replacement parts/service.



Rotating the Skimming Wheel to Test the Motor