

NEWMAR CORPORATION

WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN																			
DATE ISSUED		MODEL YEAR(S) AFFECTED		MODEL(S) AFFECTED		TSB #													
1/30/08		2007-2008		All with Oasis Heat		331													
BRAND						TYPE													
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input checked="" type="checkbox"/>	All	<input type="checkbox"/>	T T	<input type="checkbox"/>										
Cypress	<input type="checkbox"/>	Dutch Star	<input type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	F W	<input type="checkbox"/>	C A	<input type="checkbox"/>										
Northern Star	<input type="checkbox"/>	Kountry Star	<input type="checkbox"/>	Essex	<input checked="" type="checkbox"/>	D P	<input checked="" type="checkbox"/>	D B	<input type="checkbox"/>										
Scottsdale	<input type="checkbox"/>	King Aire	<input checked="" type="checkbox"/>	London Aire	<input type="checkbox"/>														
All Star ME	<input type="checkbox"/>	Ventana	<input type="checkbox"/>																
<table border="0"><tr><td><input checked="" type="checkbox"/> Air Conditioning & Heating</td><td><input type="checkbox"/> Electrical Components</td></tr><tr><td><input type="checkbox"/> Appliances & Accessories</td><td><input type="checkbox"/> Exterior Components</td></tr><tr><td><input type="checkbox"/> Cabinets & Furniture</td><td><input type="checkbox"/> Interior Components</td></tr><tr><td><input type="checkbox"/> Chassis Components</td><td><input type="checkbox"/> Plumbing & Bath Components</td></tr><tr><td><input type="checkbox"/> Construction Components</td><td><input type="checkbox"/> Windows, Awnings, Vents, & Doors</td></tr></table>										<input checked="" type="checkbox"/> Air Conditioning & Heating	<input type="checkbox"/> Electrical Components	<input type="checkbox"/> Appliances & Accessories	<input type="checkbox"/> Exterior Components	<input type="checkbox"/> Cabinets & Furniture	<input type="checkbox"/> Interior Components	<input type="checkbox"/> Chassis Components	<input type="checkbox"/> Plumbing & Bath Components	<input type="checkbox"/> Construction Components	<input type="checkbox"/> Windows, Awnings, Vents, & Doors
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DESCRIPTION OF PROBLEM																			
High Fault Limits on Oasis heating systems due to faulty cycling aquastat.																			
RECOMMENDED SOLUTION																			
Oasis has issued a Technical Service Bulletin to address concerns of an Oasis heating system that exhibits High Fault Limits. This procedure changes the "cycling aquastat" to an updated version. Any questions regarding this TSB should be directed to Oasis at (604) 278-1272, or Toll Free at 1-800-755-1272. READ THE PROCEDURE THOROUGHLY AND COMPLETELY PRIOR TO BEGINNING DIAGNOSIS OR REPAIRS.																			

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

TECHNICAL BULLETIN

Heating Systems	November 13, 2007	Bulletin Identification No.: MTB-102-22
Release Type: Public		Standard Repair Time: 45 Minutes

Affected Model(s): OASIS CH50

Effective Date: August 1, 2007

Effective Serial Number: CH50X-XXXX-1436

Description: Aquastat upgrade

Part No. (Old): 1031 - 160-10F Cycling aquastat (screw type)
Or
1121: 160-10F Cycling aquastat (sealed)
2130-10: 160-10F Cycling aquastat assembly (sealed)

Part No. (New): 2130-20: A73 Cycling aquastat assembly

Short description of change:

The cycling aquastat has been changed to a faster responding aquastat. If an Oasis, prior to this change, has had a problem with high limit faults, change the cycling aquastat by following the instructions below:

AQUASTAT CHANGE PROCEDURE



Tools needed:

1. Philips head screw driver short
2. Philips head screw driver long
3. Pan head screw driver
4. Wire crimp tool
5. Wire stripper / cutter
6. Mirror with extension
7. Flexible socket wrench 11/32

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Turn off the heater



Remove the front plate.
Unscrew the 10 screws.

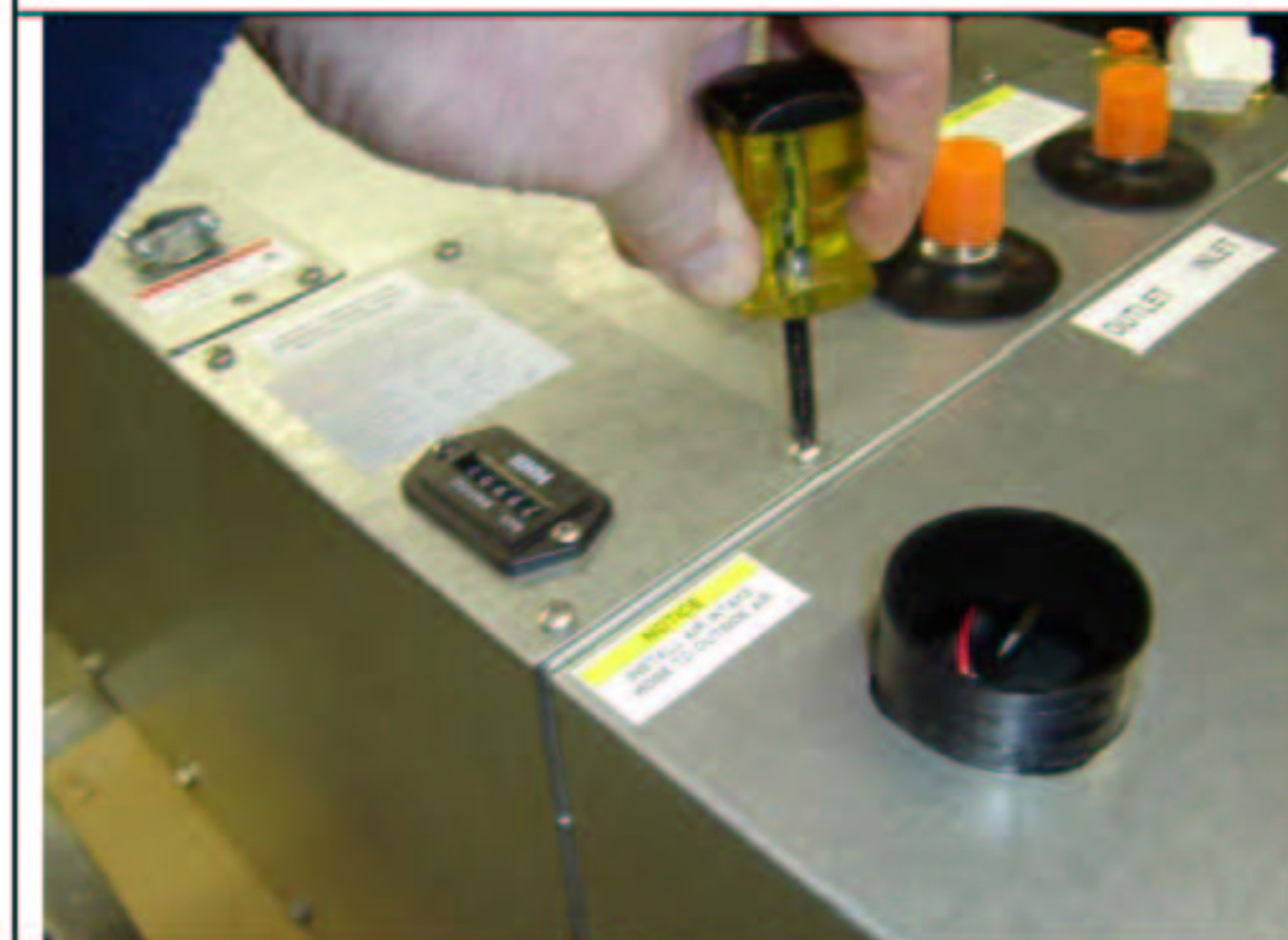


TECHNICAL BULLETIN

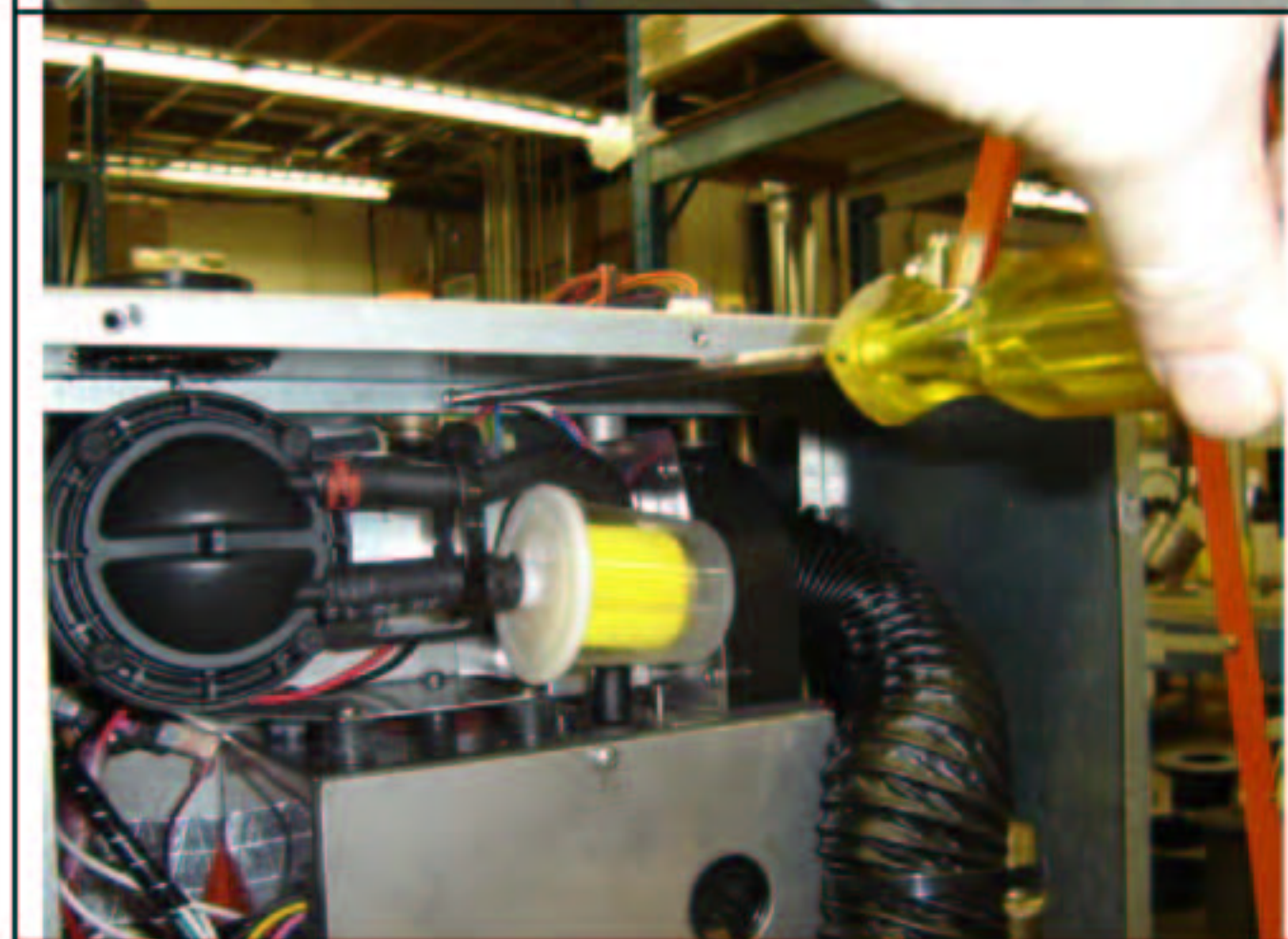
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Remove the large 32-pin connector from the control board. This will ensure the heater doesn't turn on if the power button gets pressed accidentally.



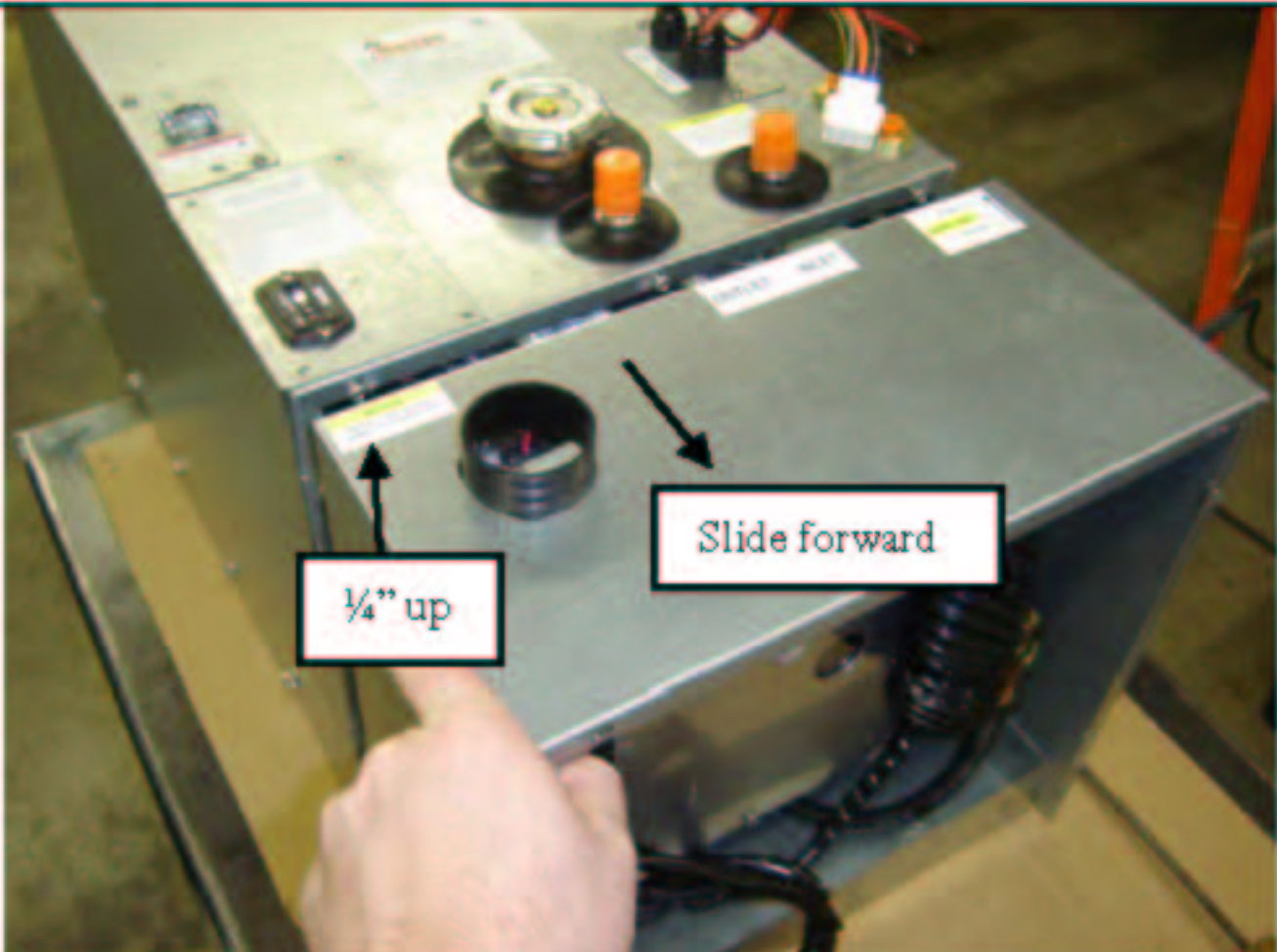

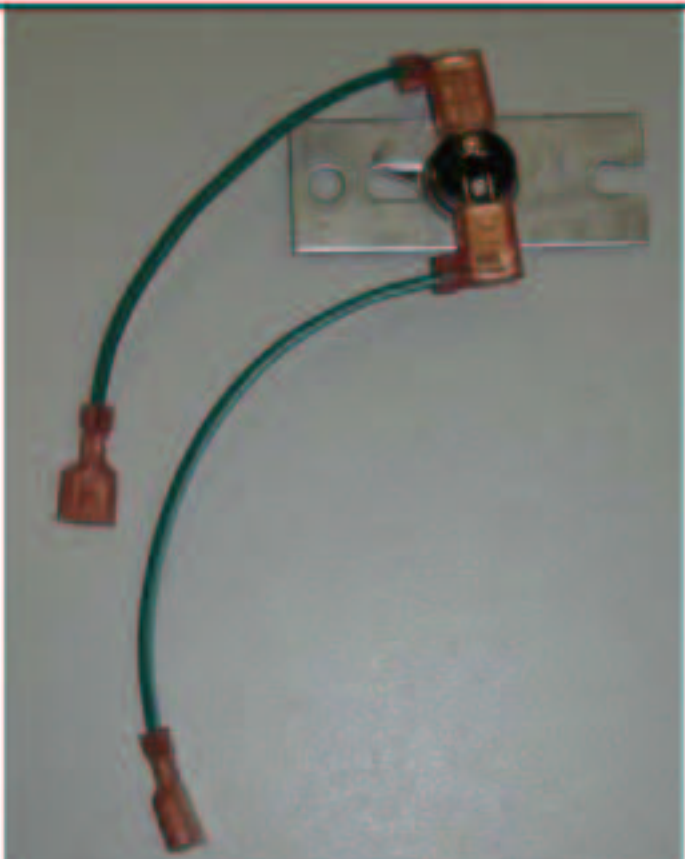
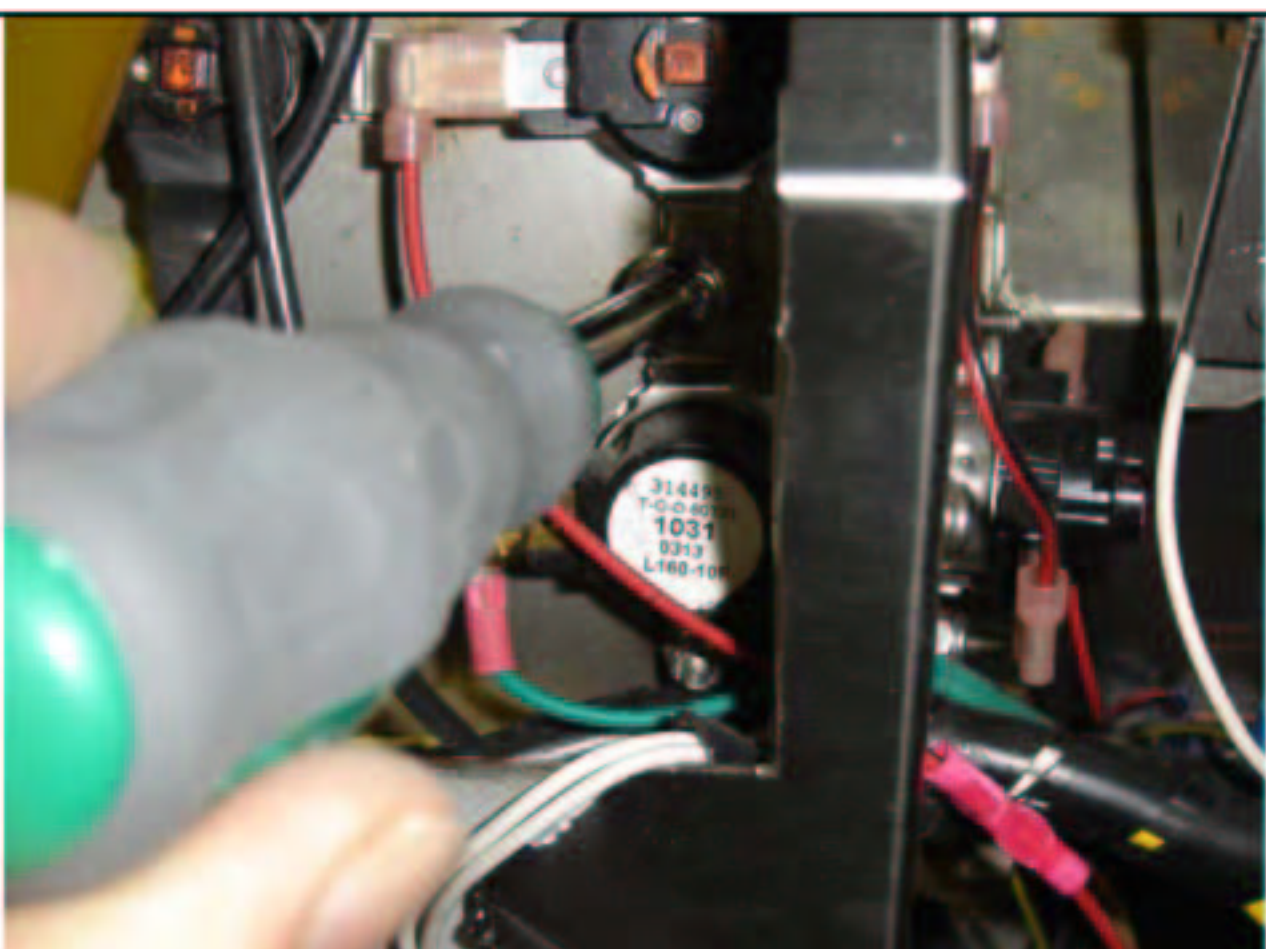
Unscrew the hour meter cover plate.



Remove the front section. Use the long screw driver and loosen the 7 screws holding the section in place. Use the mirror if some screws are difficult to see.

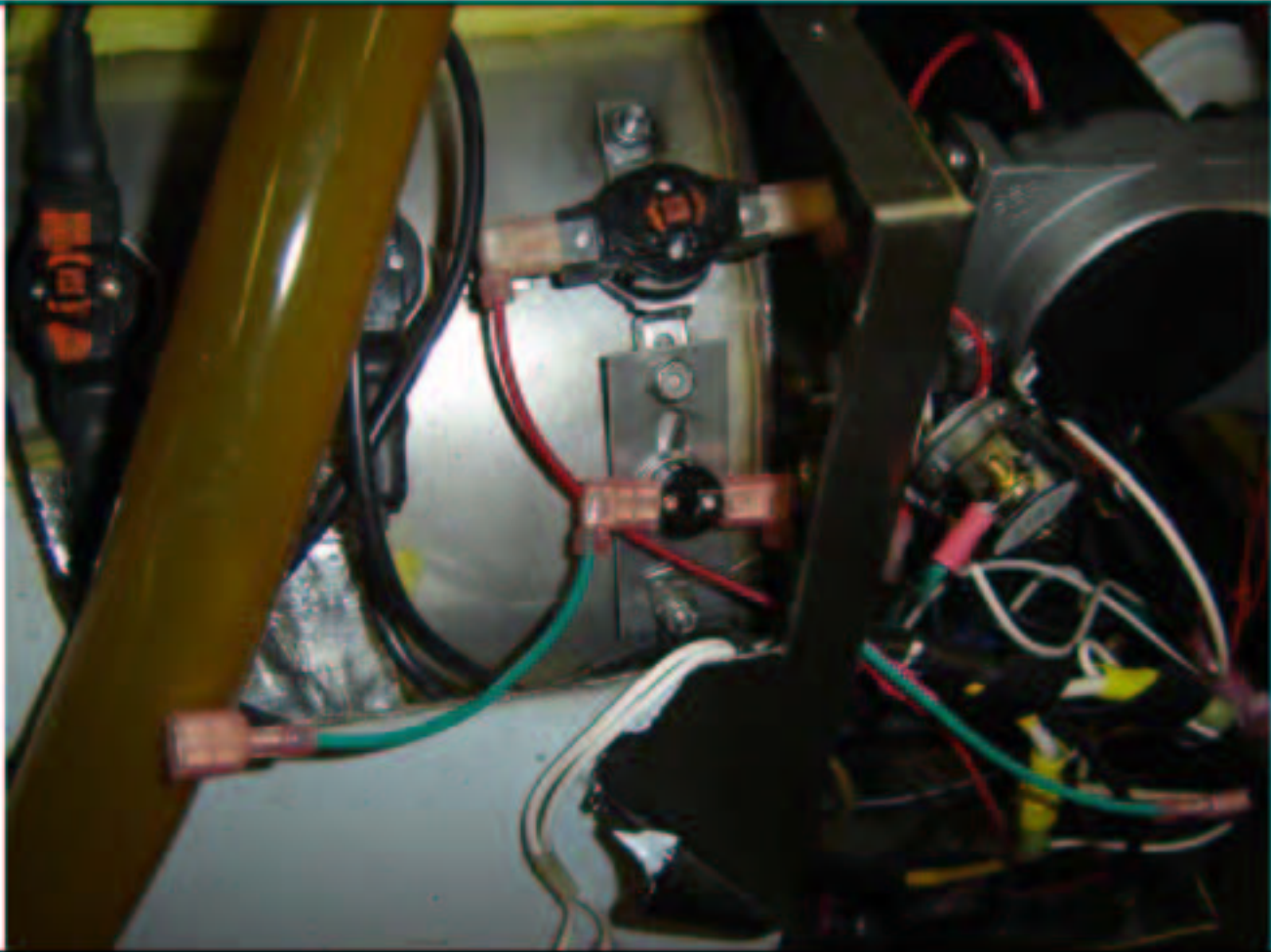
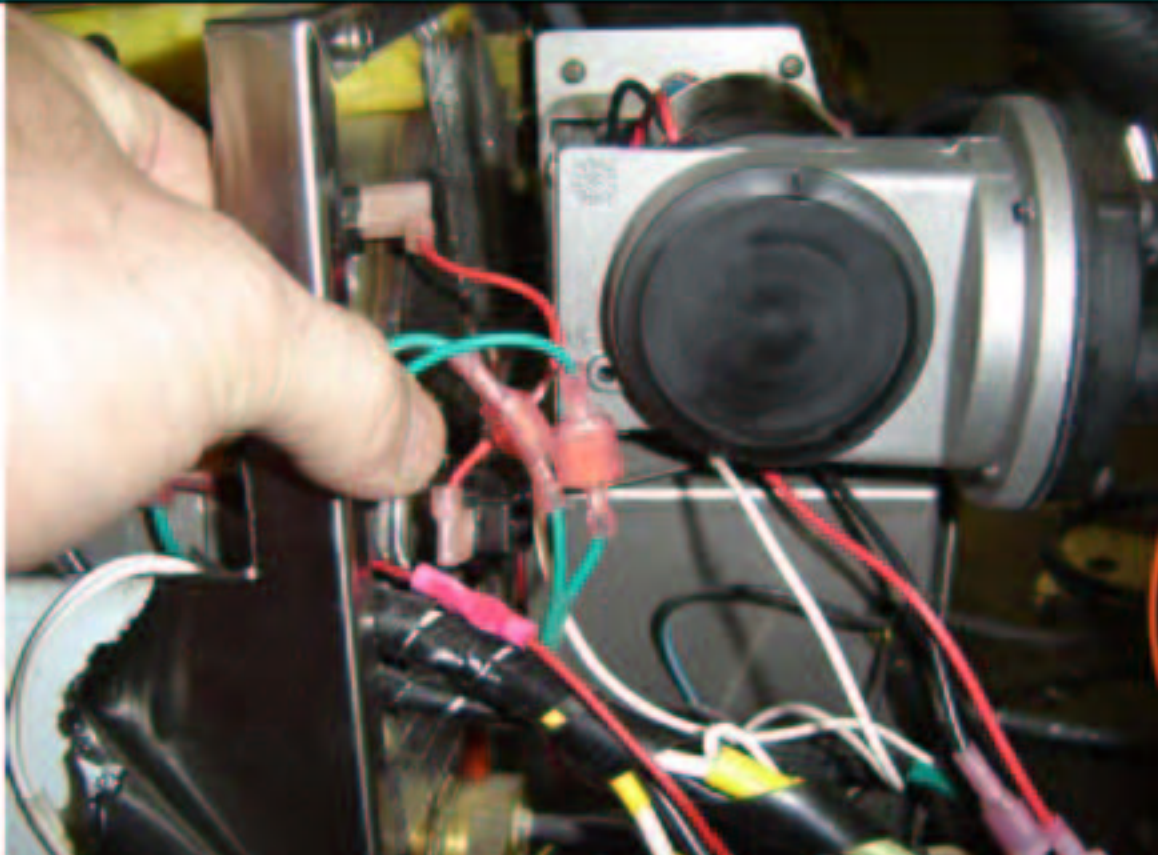
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	<p>The front section is mounted with a keyhole. Lift up the front section about 1/4" up and the pull forward. The screw head will fit through the keyhole.</p>
	
	<p>This is the new cycling aquastat assembly.</p> <p>Part # 2130-20</p>
	<p>To replace the cycling aquastat, remove the top nut and square washer. Loosen the bottom nut. Slide the aquastat out.</p>

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	<p>Slide the new aquastat bracket under the bottom square washer in position and tighten the bottom nut.</p> <p>Place a new nut on top and tighten down together with high limit aquastat tab.</p>
	<p>Connect the green wires from the aquastat to the OASIS wiring harness.</p> <p>Place the front section back, close the aquastat cover and reconnect the 32-pin connector to the board. Turn on the power and check the operation of the heater.</p> <p>Re-mount the front panel.</p>