

Vinotemp®

A PROUD HERITAGE OF EXPERIENCE & QUALITY



VT-WINEDISP4
VT-WINEDISP4SS
VT-WINEDISP2
**SERVICE
MANUAL**

Vinotemp®

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TABLE OF CONTENTS

VT-WINEDISP2&4 TROUBLESHOOTING.....	3
Compressor (VT-WINEDISP2&4).....	13
Condenser (VT-WINEDISP2&4).....	13
Display/Control Circuit Board (VT-WINEDISP2).....	14
CHANGING THE TEMPERATURE SENSOR.....	19
CHANGING THE WINE VALVE	21
CHANGING THE PRESSURE REGULATOR	29



VT-WINEDISP2&4 TROUBLESHOOTING

1. Dispensing System

Complaint	Possible Causes	Response
Gas leak, one canister only dispensing 1~2 bottles or lasting only 1~2 days	<ul style="list-style-type: none"> a. Canister not tightened b. Canister is not fully filled c. Canister gasket unaligned, damaged or missing d. Canister pressure regulator leak e. Internal gas tube damaged, not tightened at the valves and regulator f. If gas continues to escape from the gas tube, gas valve stuck open 	<ul style="list-style-type: none"> a. Turn the canister clockwise all the way b. Change a new canister c. Align or change the gasket d. Check for gas escaping at regulator, tighten gas tube or regulator if necessary e. Check and change the internal gas tube f. Check for gas valve & wirings
Unit not dispensing	<ul style="list-style-type: none"> a. If all spouts don't dispense wine: argon/nitrogen canister empty due to canister gasket, pressure regulator leak b. If all spouts don't dispense wine and the canister has pressurized gas: defective pressure regulator or kinked gas tube c. Bottle neck not tightened or defective bottle plug d. Wine tube kinked e. Defective gas solenoid valve or incorrect wiring f. Defective wine solenoid valve or incorrect wiring g. Incorrect or loose wirings, defective power board or control board. 	<ul style="list-style-type: none"> a. Check for canister pressure gauge, or turn the canister slightly counter-clockwise to see if any gas escaping and then turn clockwise to tighten b. Check the piecing tube and gas tube at the canister regulator c. Press button to check if gas escaping from the plug and fixer d. Check for wine tube e. Press button to check if gas escaping out of the gas tube; otherwise check the wirings or replace it. f. Use citric acid with water to clean; otherwise check the wiring or replace it. g. Check all wirings and connections
Dispensing interrupted or slow	<ul style="list-style-type: none"> a. If all spouts dispense wine slow: argon/nitrogen low b. Bottle neck not tightened c. Gas tubes kinked, twisted d. Spout clogged e. Wine tubes kinked, twisted f. Gas solenoid valve restricted g. Wine solenoid valve restricted or dirty 	<ul style="list-style-type: none"> a. Check pressure and change a new canister b. Press button to check if gas escaping from the plug and fixer c. Check the gas tube d. Check spouts and clean them e. Check the wine tubes f. Remove bottle, press button to check if gas escaping out of gas tube g. Use citric acid with water to clean the system; otherwise check the

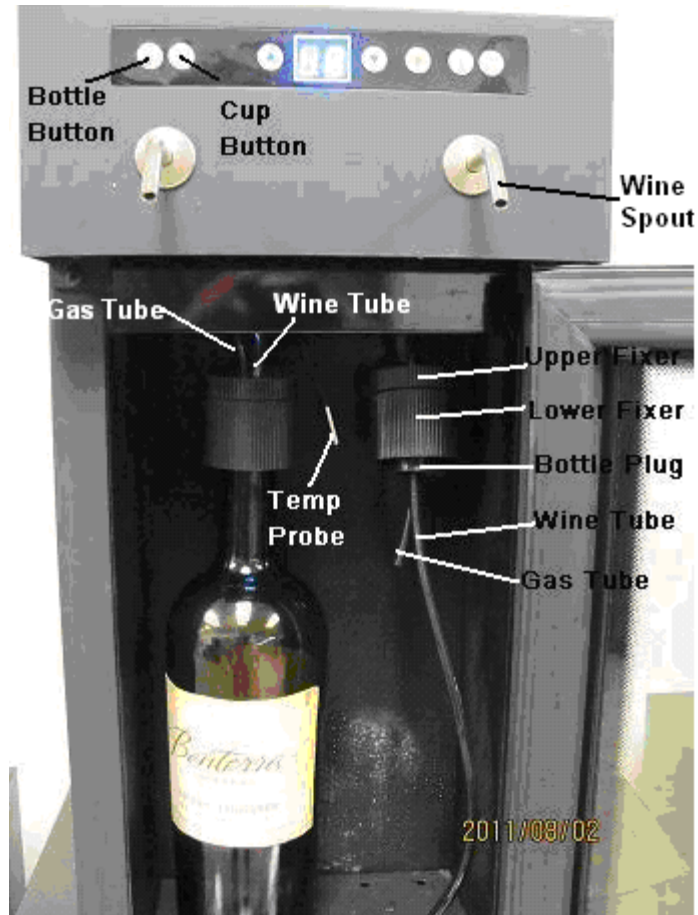
		wiring or replace it
Wine spurting or spitting	<ul style="list-style-type: none"> a. If all spouts spurt wine: gas pressure too high b. Wine tube restricted c. Bottle near empty and too much gas in the bottle d. Wine solenoid valve dirty 	<ul style="list-style-type: none"> a. Reduce the pressure to 3~5 psig b. Check any restrictions c. Change a new bottle d. Clean solenoid valves
Bottle leaking	<ul style="list-style-type: none"> a. If all bottles leak wine: gas pressure too high b. Bottle plug not tighten or defective 	<ul style="list-style-type: none"> a. Check for defective pressure regulator b. Check bottle plug
Wine dripping	<ul style="list-style-type: none"> a. If there is only a few drippings, air is trapped due to spout loose b. If there is only a few drippings, bottle may be empty c. If there is a considerable amount of drippings, wine solenoid valve is dirty or debris is left in the valve seat 	<ul style="list-style-type: none"> a. Pull the spout out and push it back. b. Change new bottle c. Dispense a bottle of warm water to clean the system; check the valve for debris
Wine pouring continually	<ul style="list-style-type: none"> a. If wine pours continually then stops, wine valve is stuck open. b. If wine pours continually and doesn't stop, then both gas and wine valve open. c. If wine pours continually and doesn't stop, then both gas and wine valve stuck open. 	<ul style="list-style-type: none"> a. Clean or change wine valve b. If the problem occurs when the unit is turned on, change power I/O board. c. If the problem occurs when the unit is turned off, change both gas and wine valves.
Wine divided	<ul style="list-style-type: none"> a. Debris in spout 	<ul style="list-style-type: none"> a. Clean debris
Too much bubble	<ul style="list-style-type: none"> a. Argon/Nitrogen pressure too high 	<ul style="list-style-type: none"> a. Reduce the pressure or replace pressure regulator

2. Cooling System

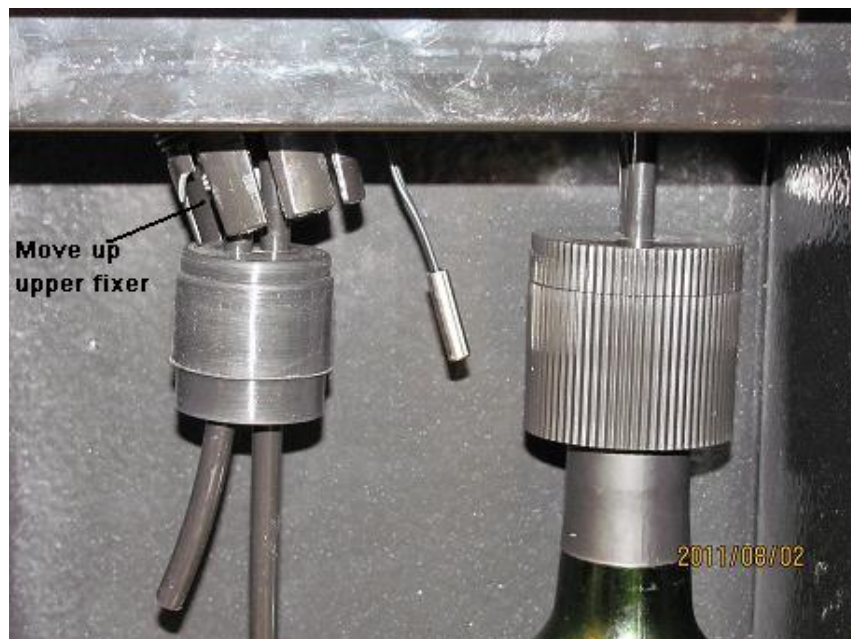
Complaint	Possible Causes	Response
Unit not running	<ul style="list-style-type: none"> a. Power cord unplugged b. Power switch off c. No power to the outlet d. Incorrect and loose wirings 	<ul style="list-style-type: none"> a. Check for power cord b. Turn on the switch (it lights) c. Check for power at the outlet and fuse d. Check for wirings and connections at power switch and power board; power switch itself
Unit running high temperature continually	<ul style="list-style-type: none"> a. Improper Door seal b. Ambient temperature high c. Improper condenser air flow d. Refrigeration system problems 	<ul style="list-style-type: none"> a. Check for door opening and gasket b. Check for installation location c. Check for fan and clearance d. Call customer service
Unit running	<ul style="list-style-type: none"> a. Setting too high 	<ul style="list-style-type: none"> a. Lower temperature setting

high temperature and cycling on/off	b. Temperature sensor touching the cold panel	b. Displaying temperature is correct but cabinet temperature is high
Unit running low temperature	a. Temperature setting too low b. Temperature sensor fault c. Unit Iced d. Power board fault e. Display/control board fault	a. Raise the setting b. Insert the sensor in a cup of iced water to see if displaying 32°F c. Unplug unit to defrost d. Change a new board e. Change a new board
Not cooling but compressor running	a. Refrigerant leakage b. Refrigeration system restriction	a. Call service for checking loss of refrigerant b. Call service for checking restrictions
Not cooling & compressor not running	a. Start relay, overload protector, compressor, or wirings	a. Call service
Unit running noisy	a. Installation area not firm b. Any screws, nuts and metal parts loose c. Fan blade hitting other parts d. Fan fault e. Compressor fault	a. Check for level and flat b. Check for noise sound source if coming from fan mount, compressor mount and tubing loose c. Check for blade clearance d. Check for fan blade broken and motor bearing noise e. Call customer service

3. Parts and descriptions



4. How to install the bottle



Step 1



Step 2

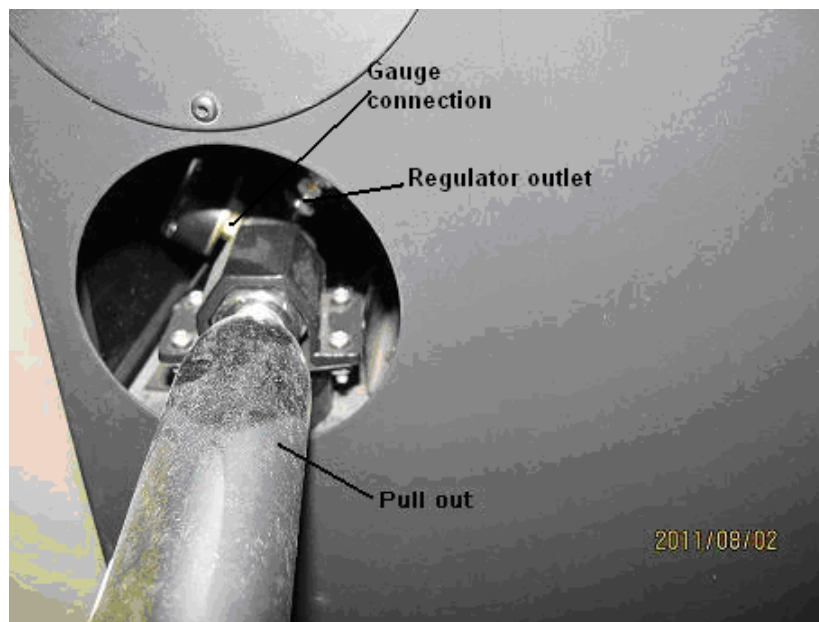


Step 3

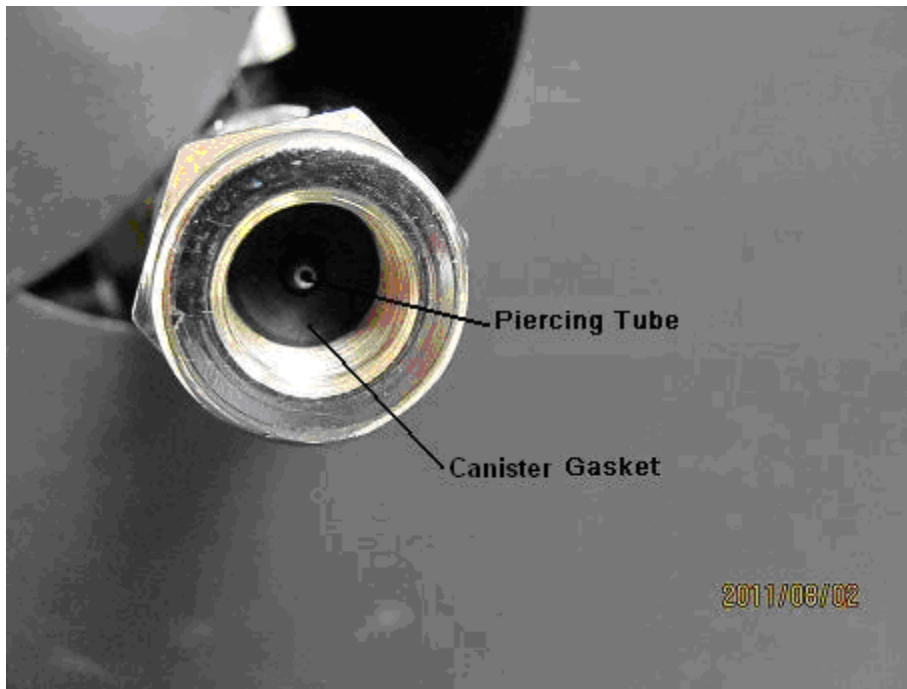


Step 4

5. How to install the gas canister



Step 1 Remove used one (turn it counter-clockwise)

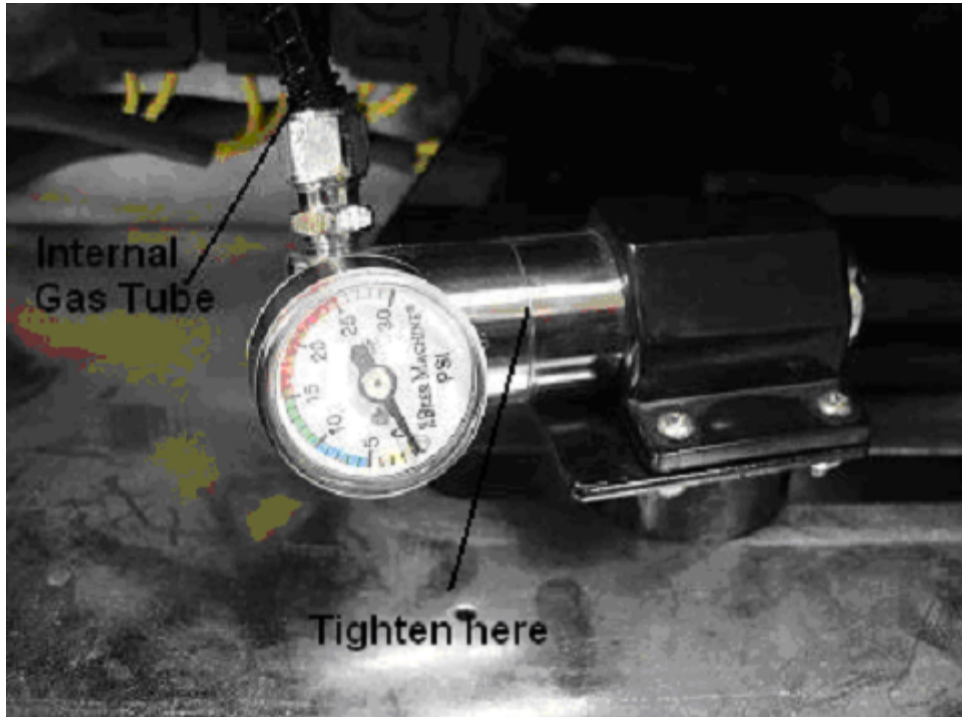


Step 2



Step 3 Place new one (turn it clockwise until tight)

6. Canister regulator

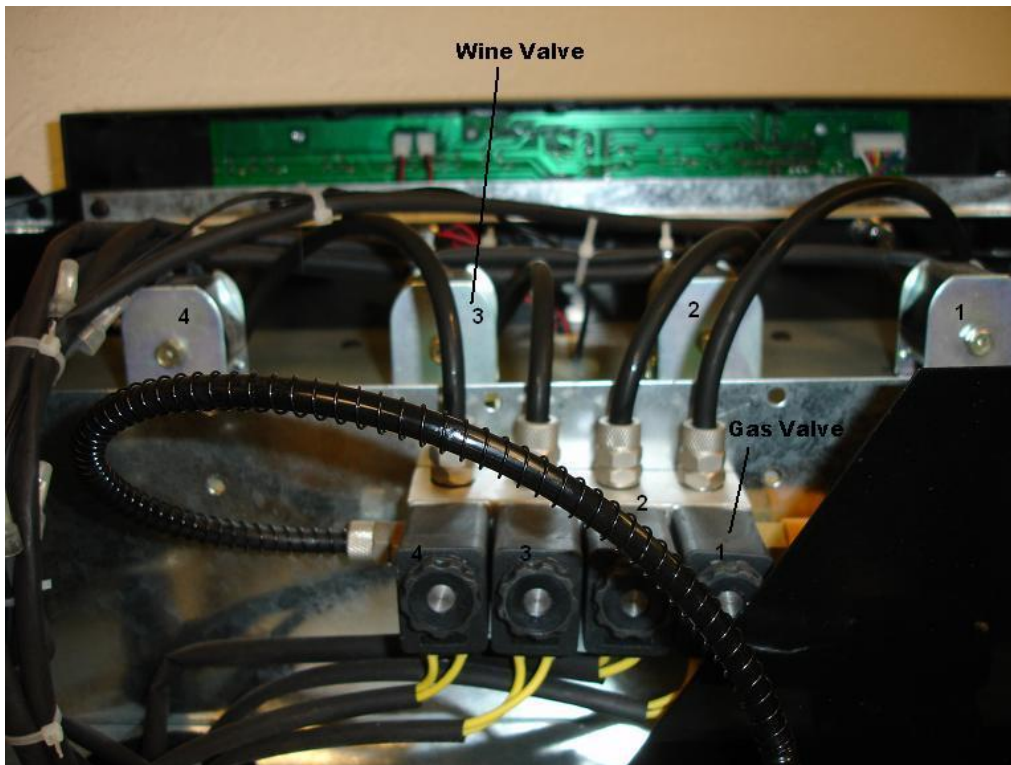


Canister Regulator (VT-WINEDISP2&4)

7. Gas and wine valves



Gas and Wine Valves (VT-WINEDISP2)



Gas and Wine Valves (VT-WINEDISP4)

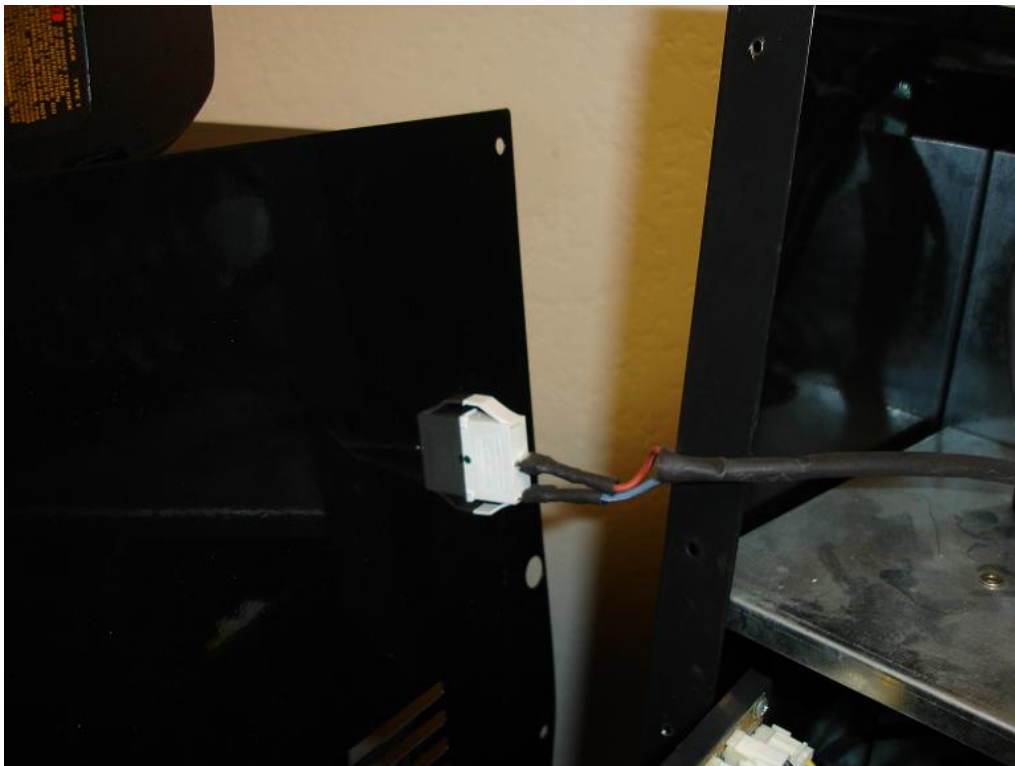
8. Power switch



Power Switch (VT-WINEDISP2)



Power Switch (VT-WINEDISP4)



Power Switch (Inside)

9. Compressor



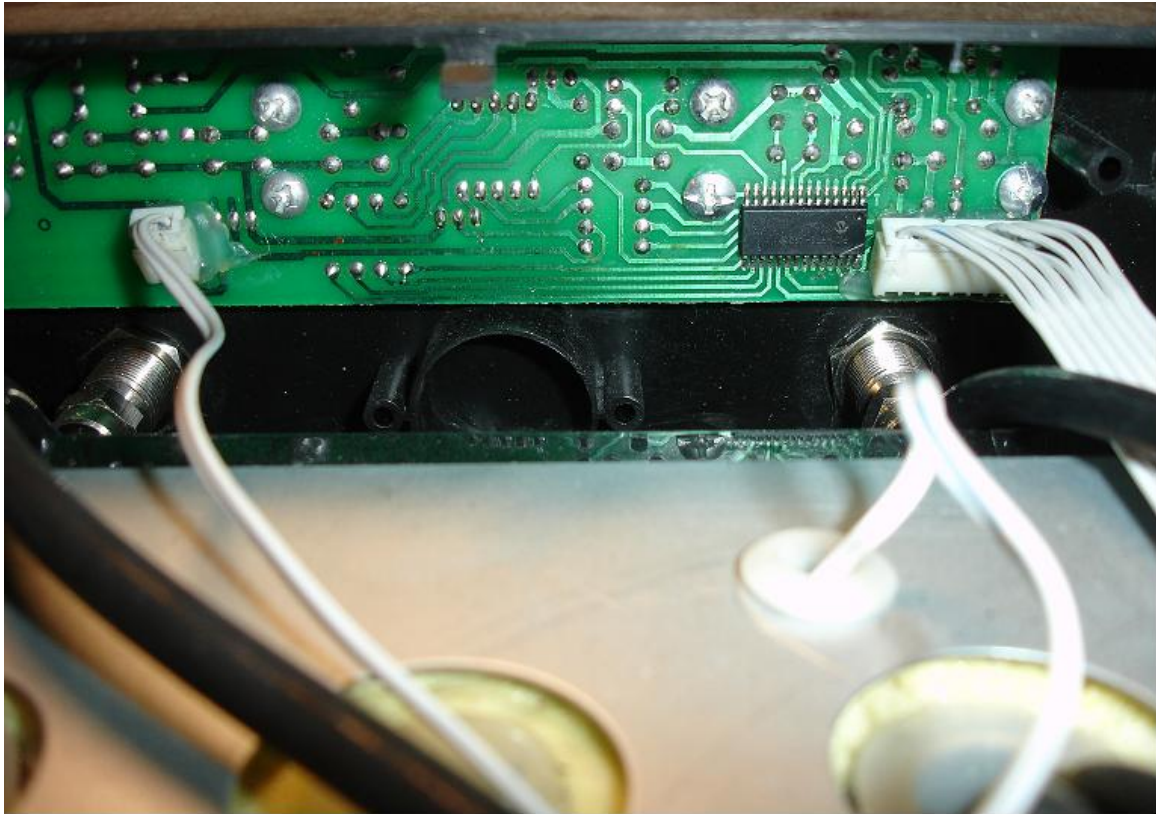
Compressor (VT-WINEDISP2&4)

10. Condenser

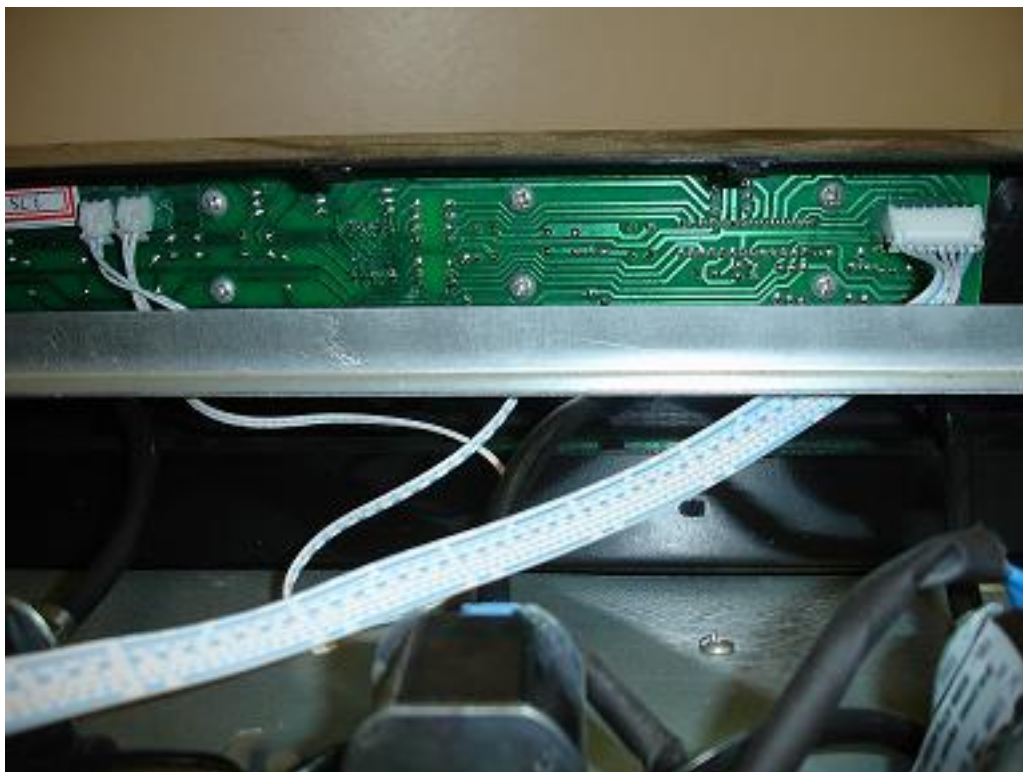


Condenser (VT-WINEDISP2&4)

11. Display/control circuit board

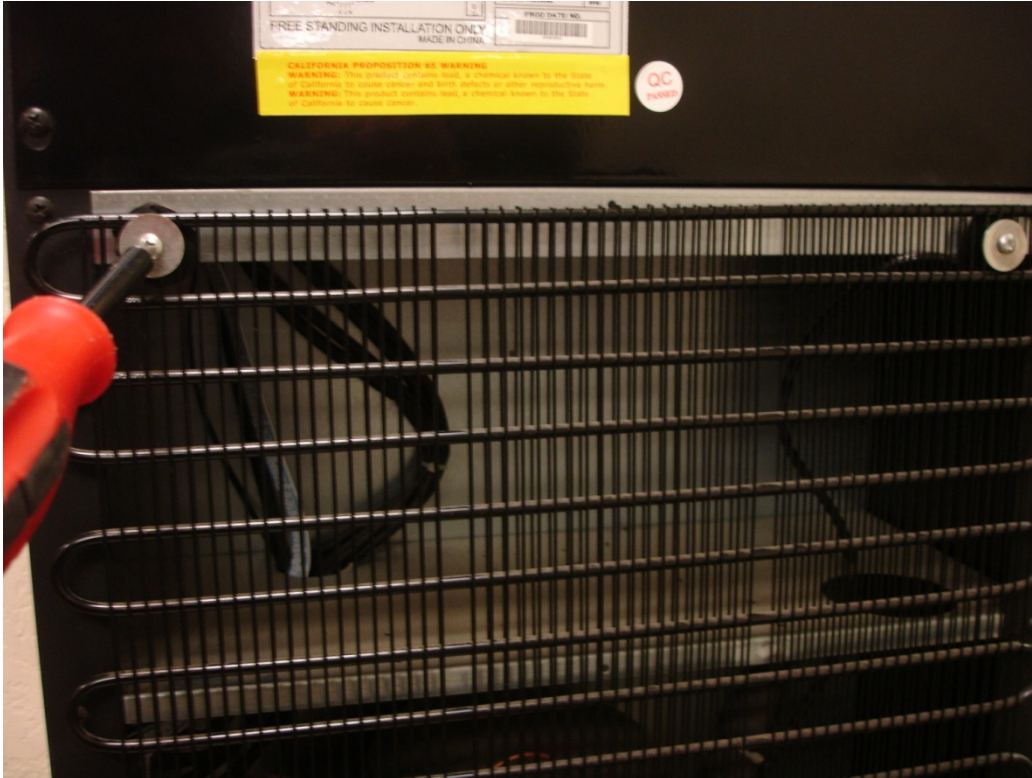


Display/Control Circuit Board (VT-WINEDISP2)

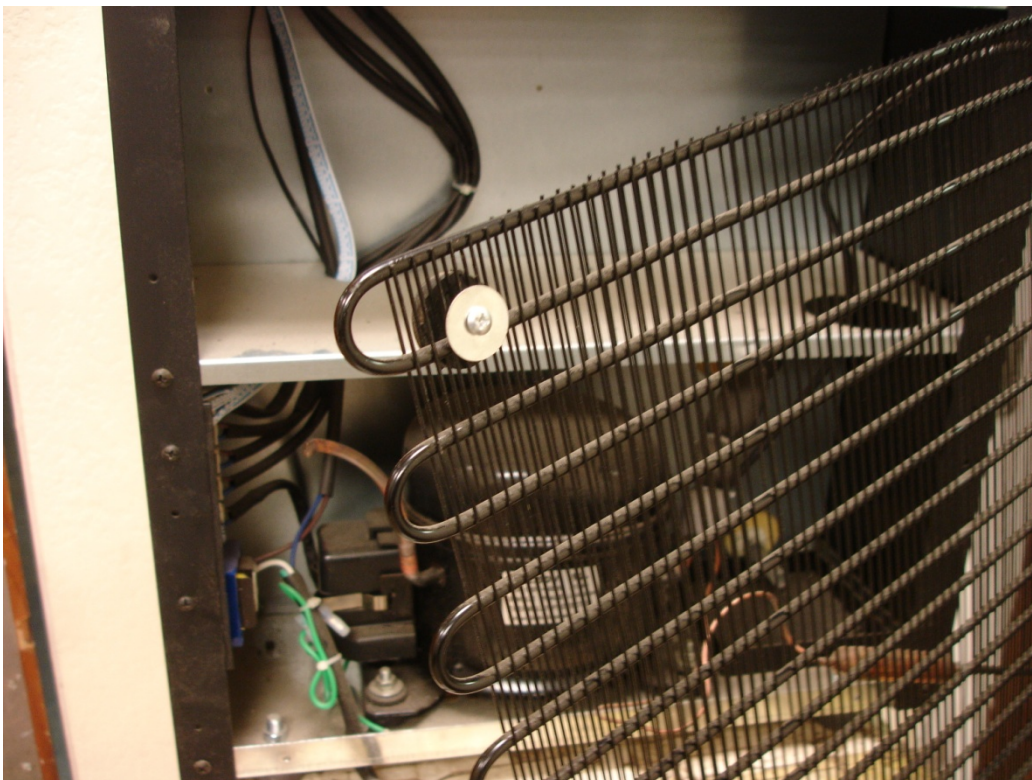


Display/Control Circuit Board (VT-WINEDISP4)

12. How to replace power I/O circuit board



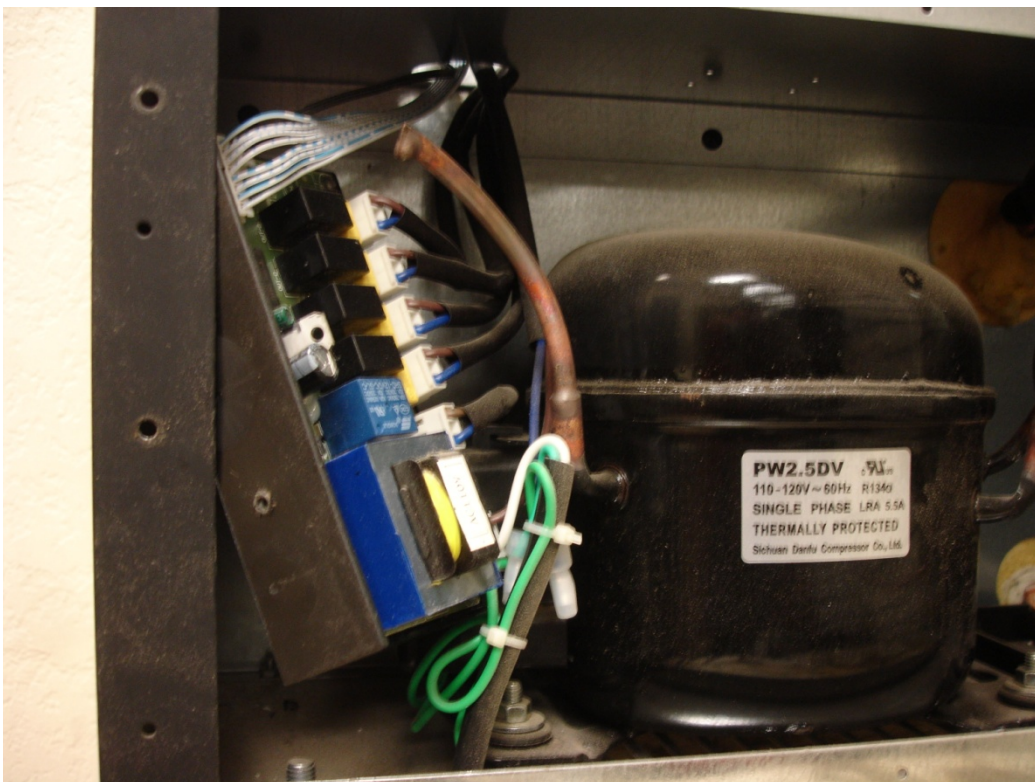
Remove 4 screws that hold the condenser



Pull out the condenser at the left side

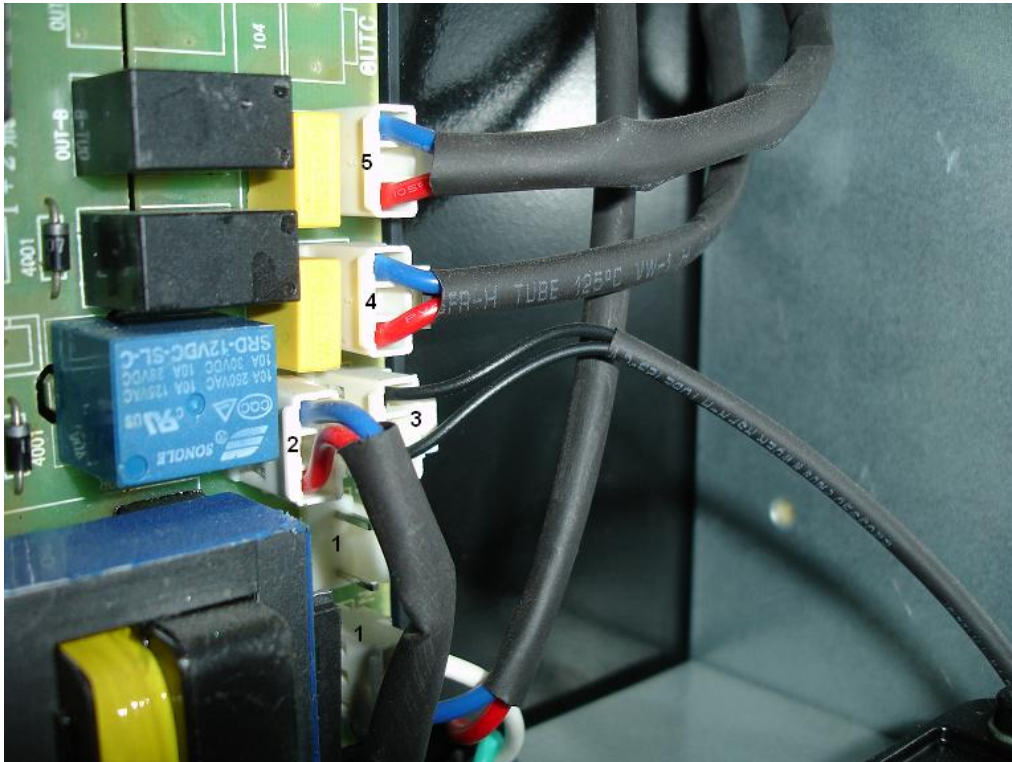


Remove 2 screws that hold the circuit board



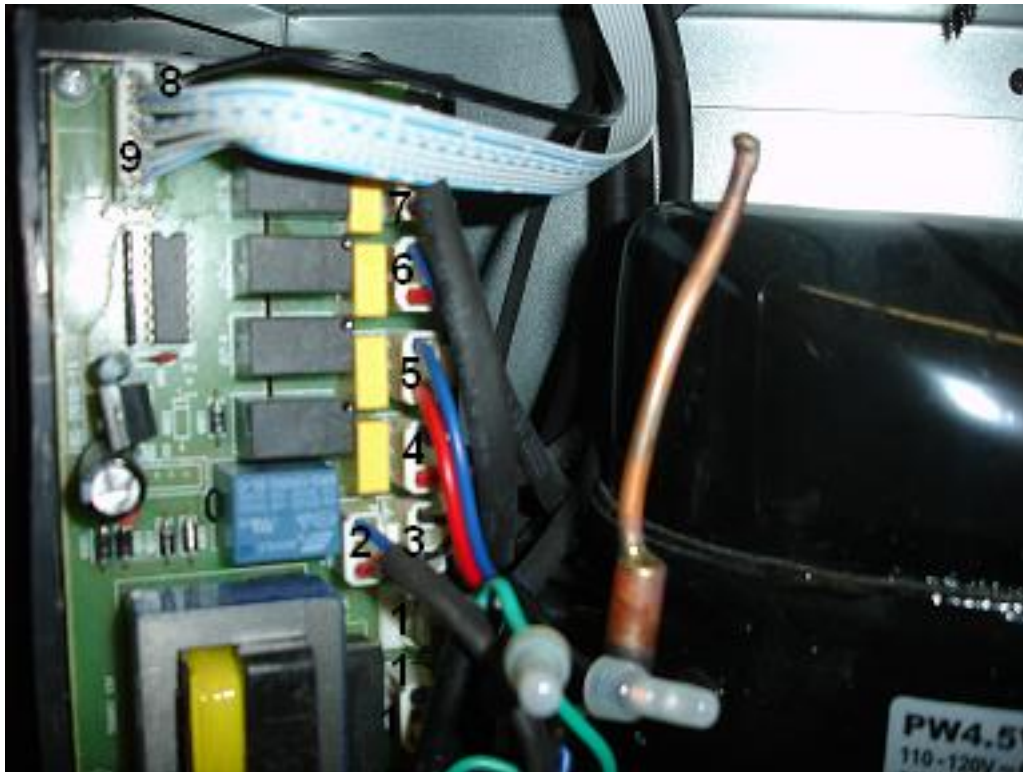
Mark all the cables and then unplug them; replace the circuit board

13. Power I/O circuit board



Power I/O Circuit Board (VT-WINEDISP2)

- 1-120VAC;**
- 2-Compressor;**
- 3-Fan;**
- 4-Wine & Gas Valve-1 (Your Left 1st Spout);**
- 5-Wine & Gas Valve-2 (Your Left 2nd Spout);**



Power I/O Circuit Board (VT-WINEDISP4)

- 1-120VAC;**
- 1-120VAC;**
- 2-Compressor;**
- 3-Fan;**
- 4-Wine & Gas Valve-1 (Your Left 1st Spout);**
- 5-Wine & Gas Valve-2 (Your Left 2nd Spout);**
- 6-Wine & Gas Valve-3 (Your Left 3rd Spout);**
- 7-Wine & Gas Valve-4 (Your Left 4th Spout);**
- 8-Temperature Sensor**
- 9-Display/Control Board**

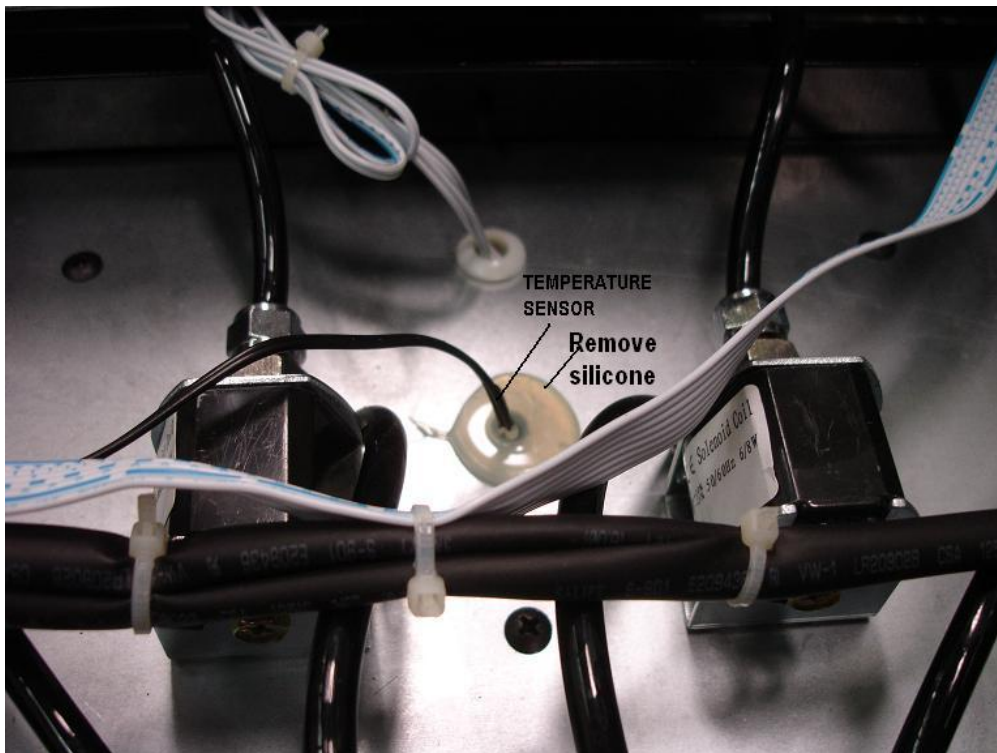
CHANGING THE TEMPERATURE SENSOR



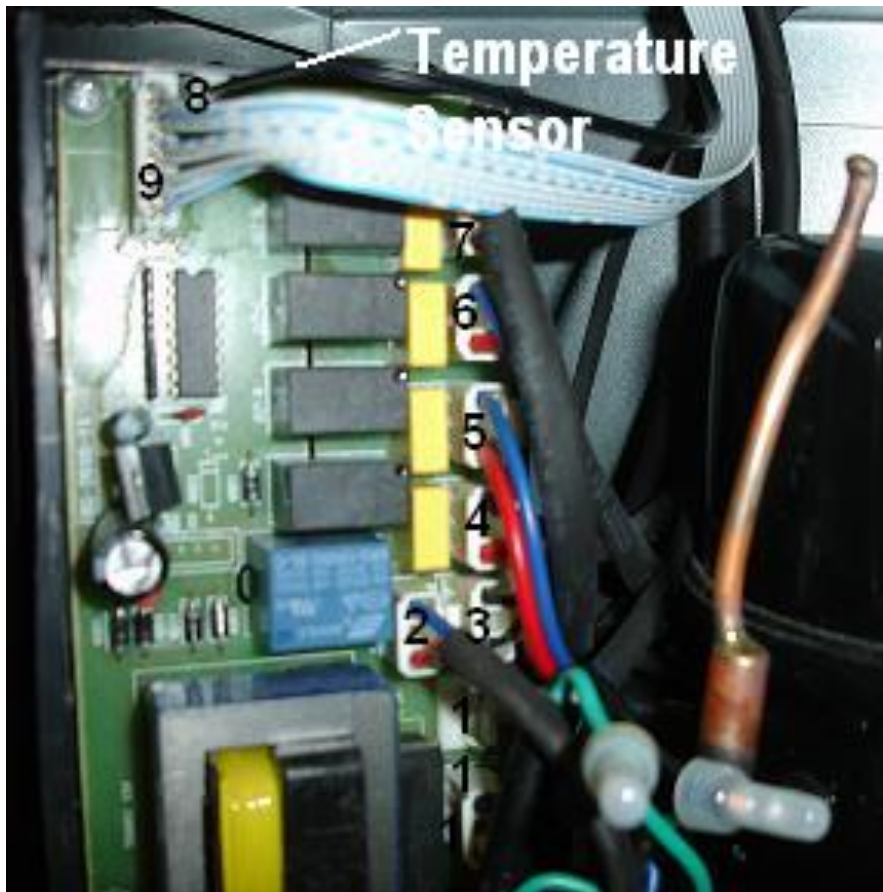
Remove screws.



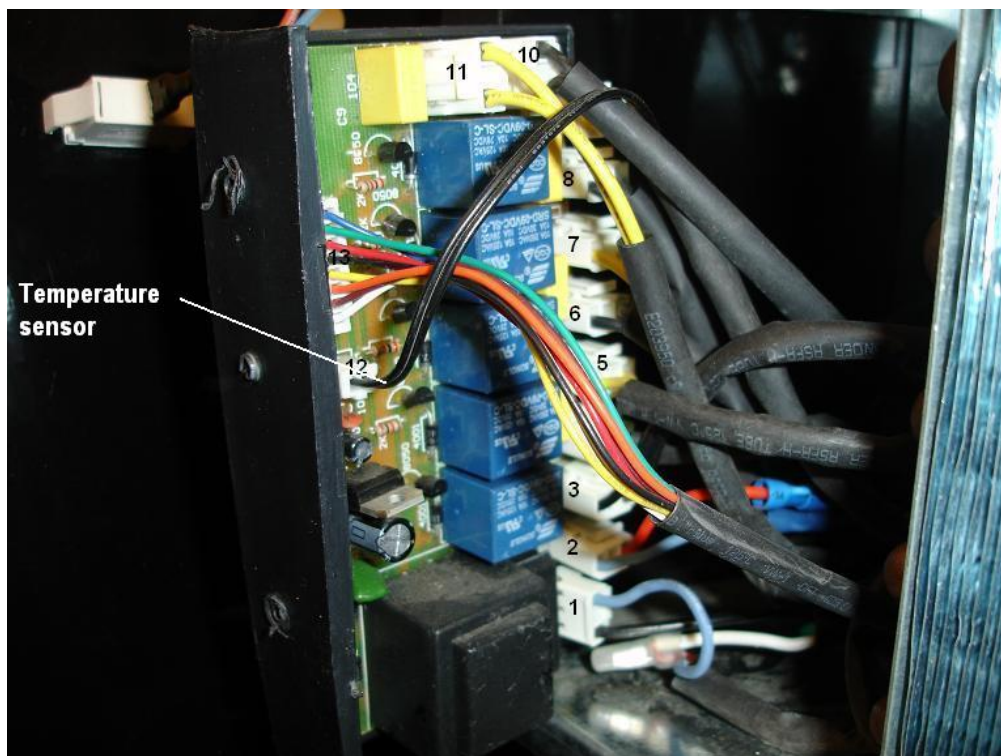
Lift the cover



Under the cover, you will find the temperature sensor. Remove the silicone.



Power board of newer wine dispensers.

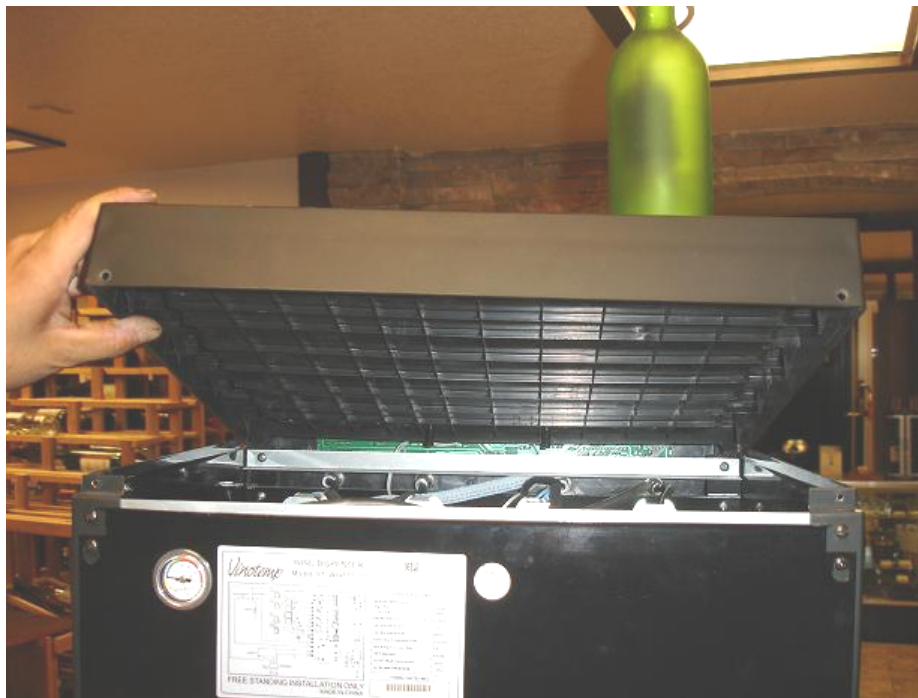


Power board of older wine dispenser models.

CHANGING THE WINE VALVE



Remove the screws on the left and right side of the back of the unit.



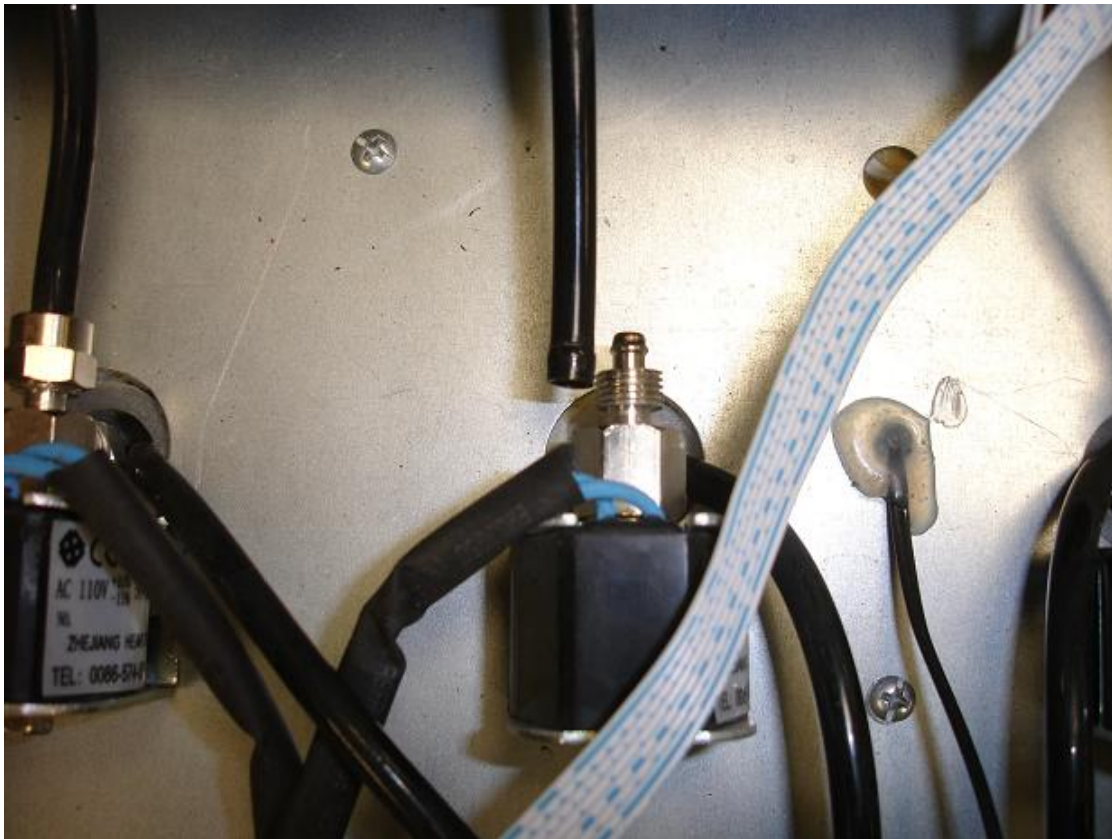
Lift the top panel



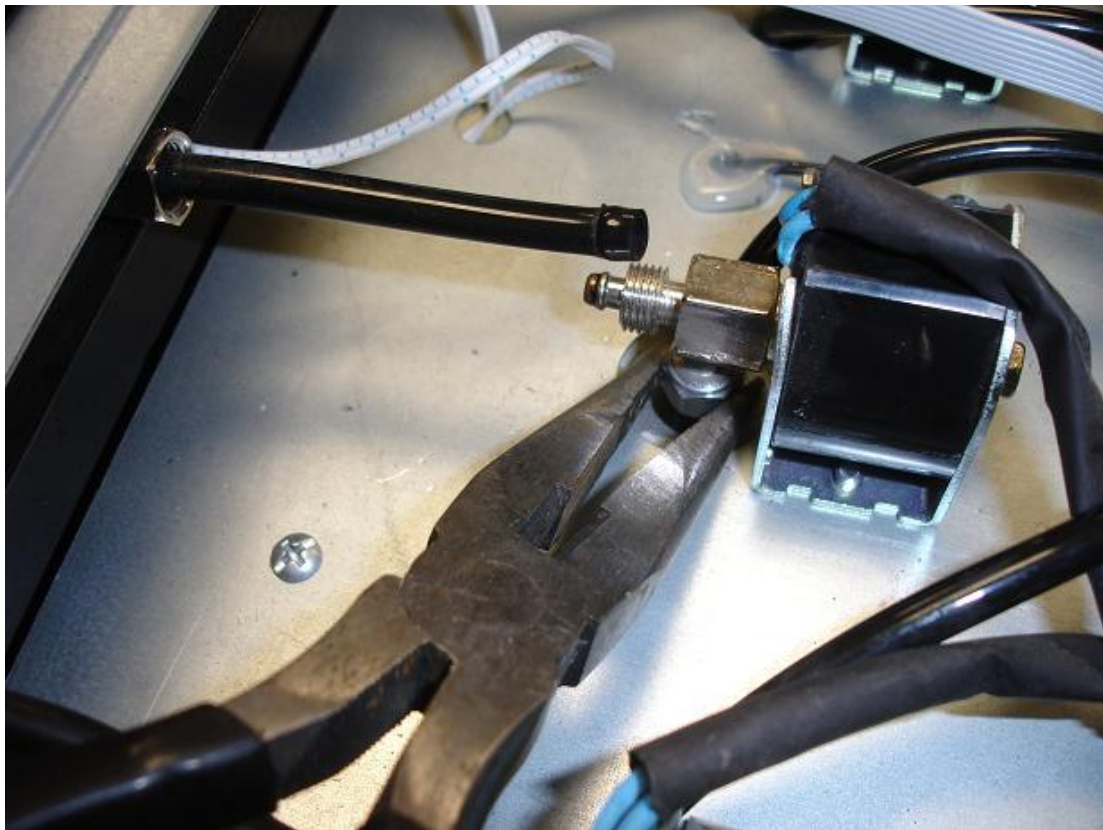
Carefully remove the top panel.



Loosen the tube nut.



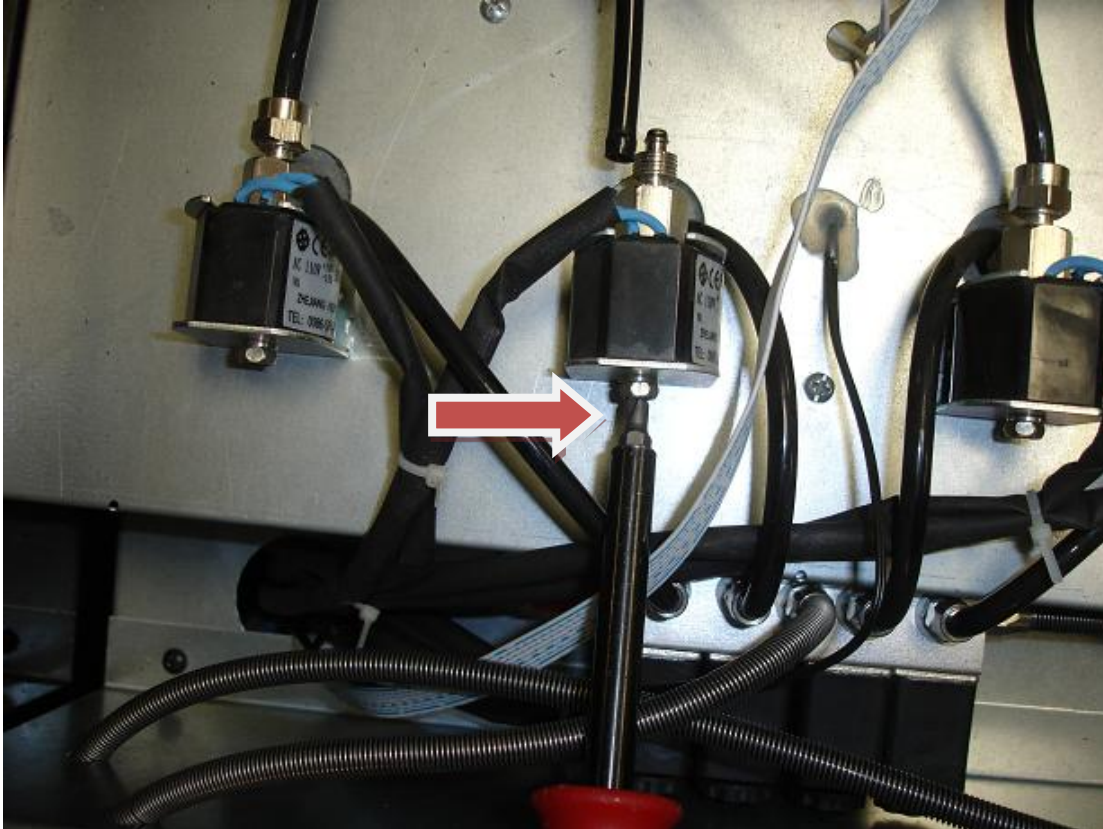
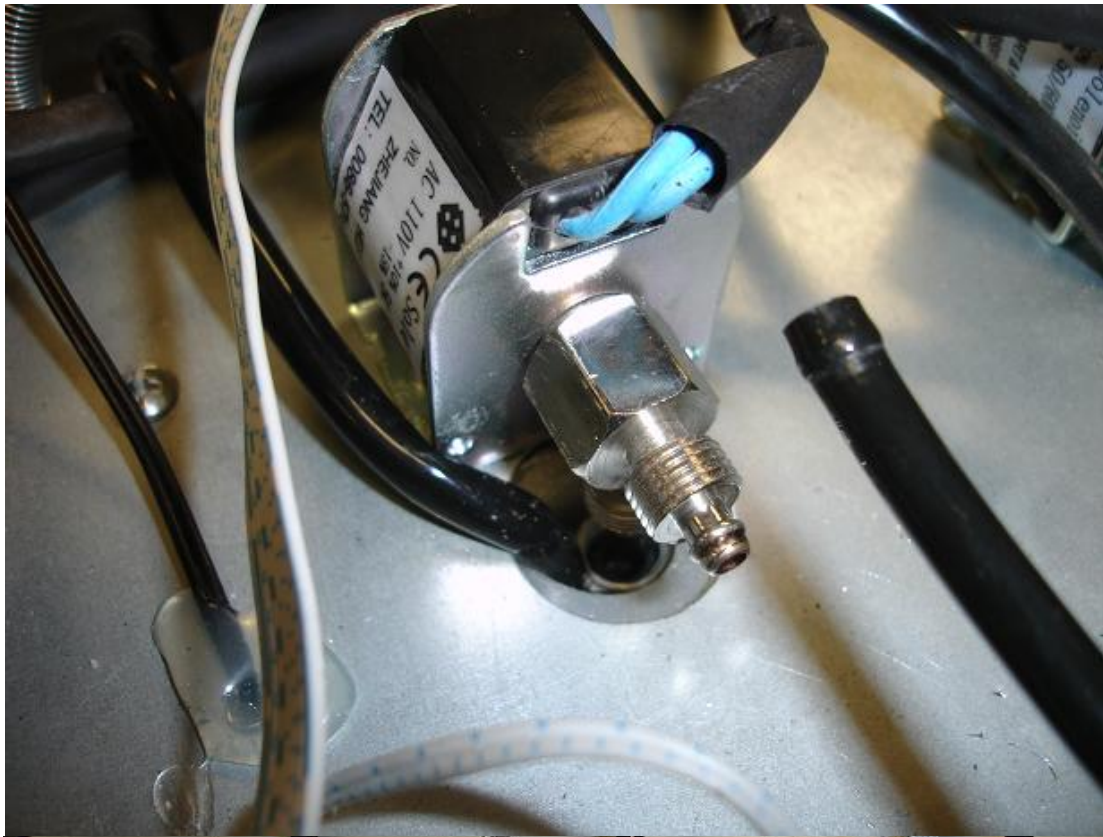
Disconnect the tube.



Loosen the tube nut.



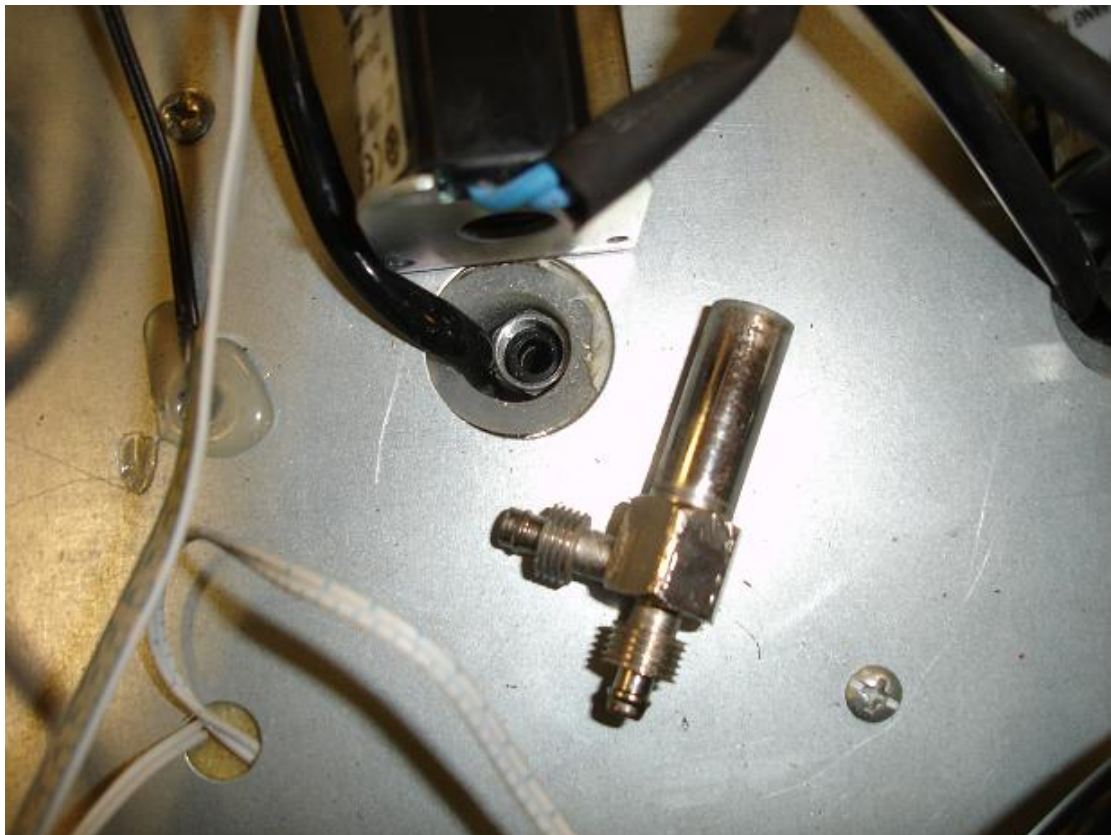
Pull and disconnect the wine tube.



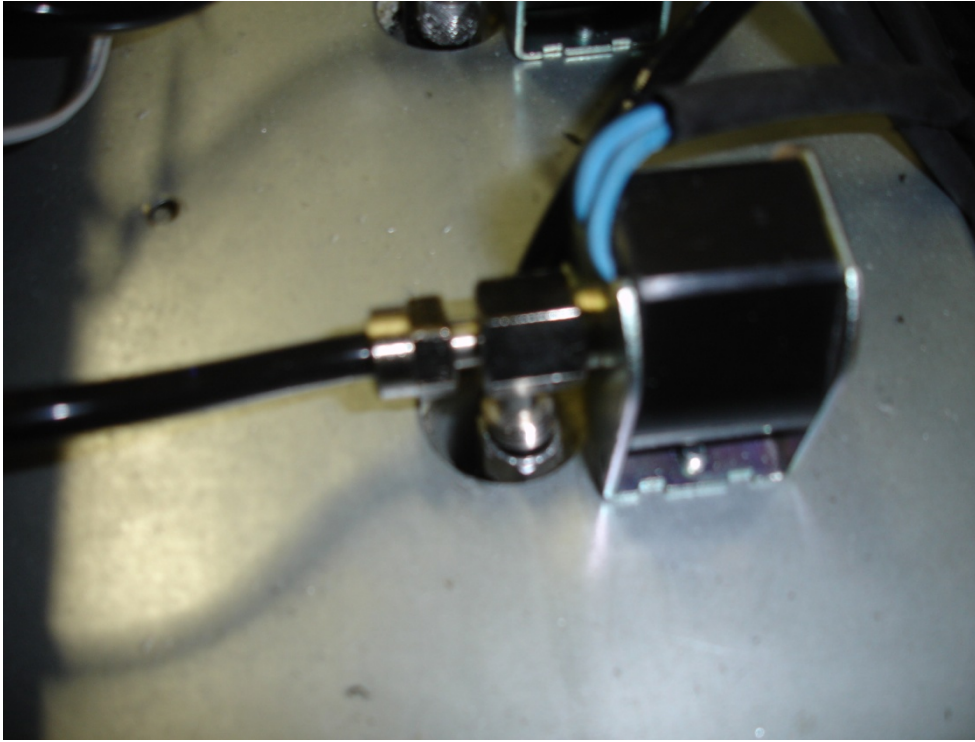
Loosen the valve nut.



Turn the valve.



Remove the valve.



Install a new valve.



Pull and remove the coil.



Cut the wires to replace the coil.

CHANGING THE PRESSURE REGULATOR

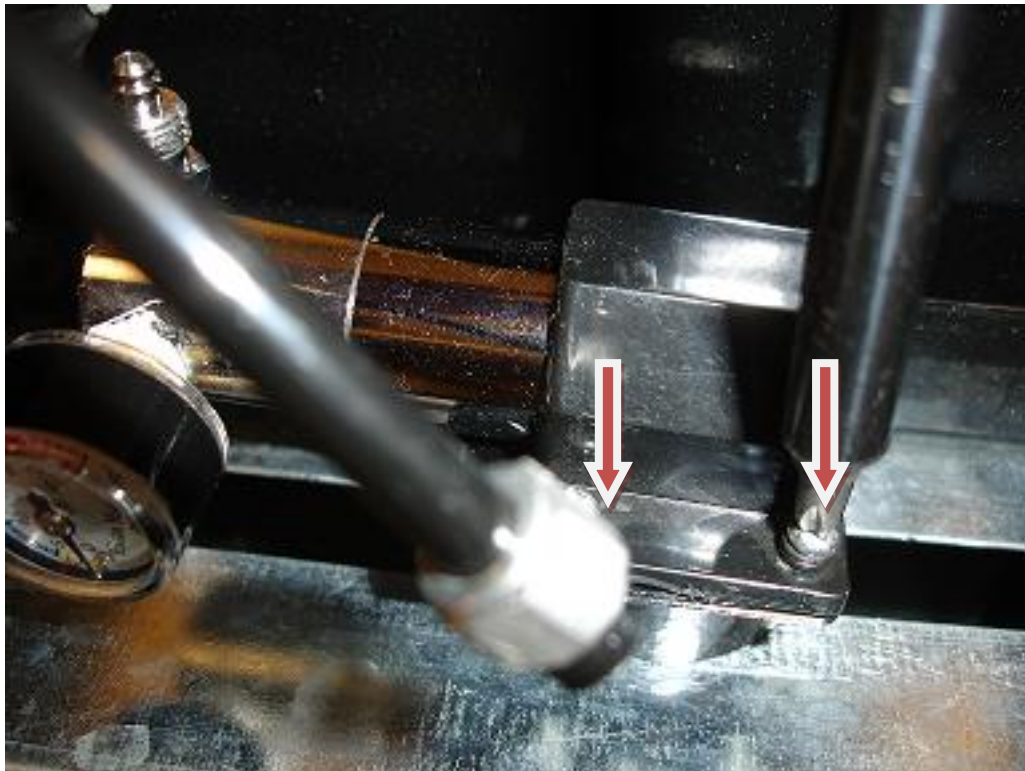


Remove the back panel of the wine dispenser to reveal the pressure regulator.





Loosen the nut tube at the top.



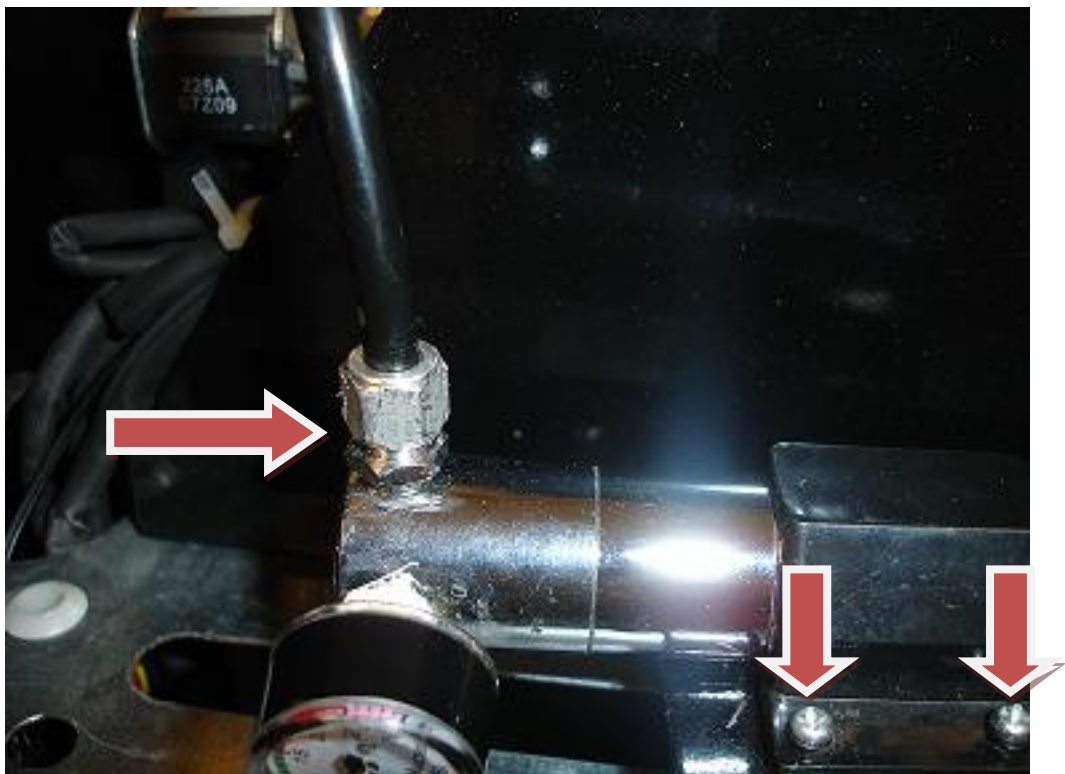
Loosen the two screws on the side, but do not remove them.



Remove the gauge and then install it on the new regulator with Teflon.



Reattach the hose to the new regulator.



Secure the nut. Tighten the two screws on the side.

SERVICE & IMPORTANT NOTICE

Upon receipt and inspection of unit, the supply cord must be replaced if it is damaged. Contact our customer service at 1-800-777-8466 or info@vinotemp.com.

The manufacturer has a policy of continuous improvement on its products and reserves the right to change materials and specifications without notice.

WARNING

**Please do not place the unit within reach of children.
For adult use only.**

Contact **info@vinotemp.com** with any questions or visit:

www.vinotemp.com



732 South Racetrack Road
Henderson, NV 89015
www.vinotemp.com

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