



WARNING:

This kit should be installed only by qualified service personnel to reduce the risk of electric shock, serious injury, or fire. A plumbing permit and the services of a licensed plumber and electrician might be required in some areas.



Turn off the power supply and place the dishwasher disconnect (if applicable) in the off position. Lock-out/Tag-out to prevent the power supply from being turned back on inadvertently.



Failure to install this kit within the guidelines might adversely affect safety, performance, component life and warranty coverage.

TOOLS REQUIRED

- Pipe Wrench
- Adjustable Wrench
- 5/16" Nut Driver
- 3/8" Nut Driver or Wrench
- Phillips Screwdriver
- Pipe Thread Sealant Tape
- Needle-nose Pliers

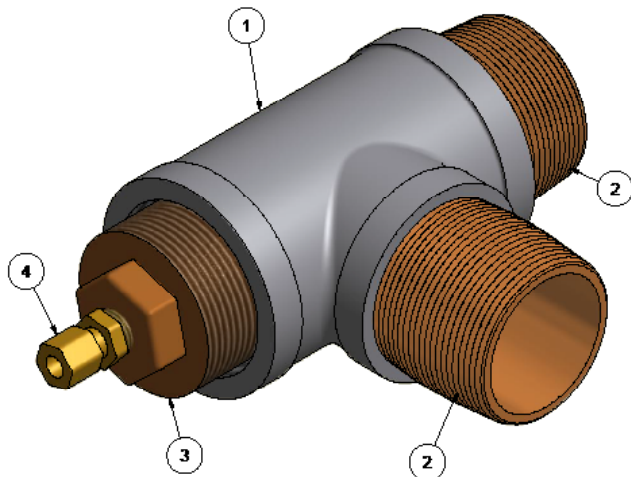
PARTS INCLUDED

DESCRIPTION	PART NUMBER	QTY
PLUMBING, DYNATEMP DRAIN QUENCH	05700-004-39-56	1
BRACKET, THERMOSTAT DRAIN QUENCH	05700-004-39-57	1
DECAL, DISCONNECT POWER WARNING	09905-004-08-16	1
WIRELIST, DRAIN QUENCH	05700-004-07-97	1
FITTING, T&B LT541 1/2" 45 DEG PLASTIC	05975-011-45-23	1
CONDUIT, T&B LTC050GY 1/2" PLASTIC	05975-111-46-57	1
SCHEMATIC, DRAIN QUENCH	09905-004-07-98	1
TIE, 8" PLT21-M PANDUIT CABLE	05975-602-05-16	8
NUT, LOCK 6-32 HEX W/NYLON INSERT	05310-373-03-00	1
NUT, HEX 3/8-16 S/S	05310-276-01-00	2
LOCK WASHER 3/8	05311-276-01-00	2
NUT, LOCK 10-24 S/S HEX W/NYLON INSERT	05310-373-01-00	2
WIRENUT, T&B 331M ORANGE PLASTIC	05975-011-70-14	2
INSTRUCTIONS, DYNATEMP DRAIN QUENCH	07610-004-39-93	1

PARTS INCLUDED

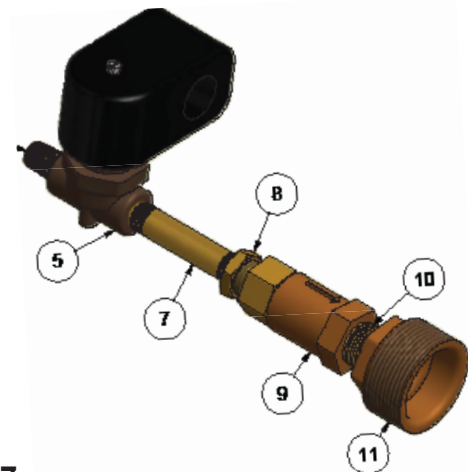
Assembly 05700-004-14-96

ITEM	DESCRIPTION	PART NUMBER	QTY
1	TEE, 1-1/2 BRASS	04730-011-69-93	1
2	NIPPLE, 1-1/2 BRASS CLOSE	04730-207-40-00	2
3	REDUCER, 1-1/2 X 1/4 HEX BRASS	04730-002-55-76	1
4	UNION, 1/4 MODIFIED	05700-001-16-52	1



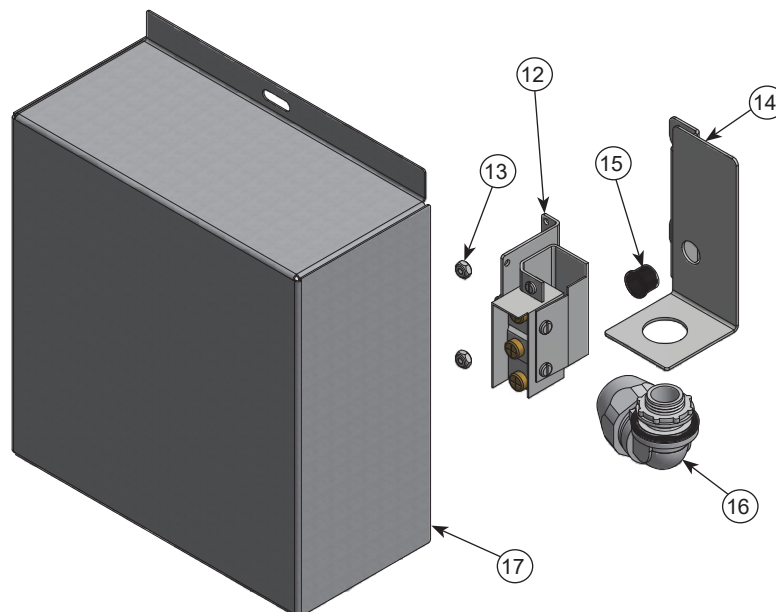
Assembly 05700-004-14-95

ITEM	DESCRIPTION	PARTNUMBER	QTY
5	SOLENOID VALVE, 1/4, 240V	04810-002-31-09	1
6	NIPPLE, 1/4 CLOSE BRASS	04730-207-02-00	1
7	NIPPLE, 1/4 NPT X 3 (BRASS)	04730-004-08-07	1
8	REDUCER, 1/2 X 1/4 BRASS	04730-003-62-16	1
9	VALVE, CHECK 1/2	04820-002-55-77	1
10	NIPPLE, 1/2 CLOSE BRASS	04730-207-15-00	1
11	REDUCER, 1-1/2 X 1/2 HEX BRASS	04730-002-55-75	1



Assembly 05700-004-39-57

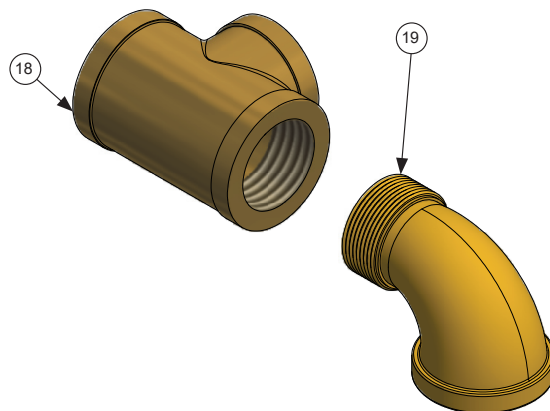
ITEM	DESCRIPTION	PART NUMBER	QTY
12	TSTAT, 351-254508 120-170DE WASH	05930-003-13-65	1
13	NUT, LOCK 6-32 HEX W/NYLON INSERT	05310-373-03-00	2
14	BRACKET, DRAIN QUENCH THERMOSTAT	05700-004-39-53	1
15	BUSHING, 2053 1/2 HEYCO SNAP	05975-210-05-00	1
16	FTG, T&B LT591 1/2" 90 DEG PLASTIC	05975-011-45-14	1
17	COVER, WASH TANK HEATER	05700-004-39-55	1



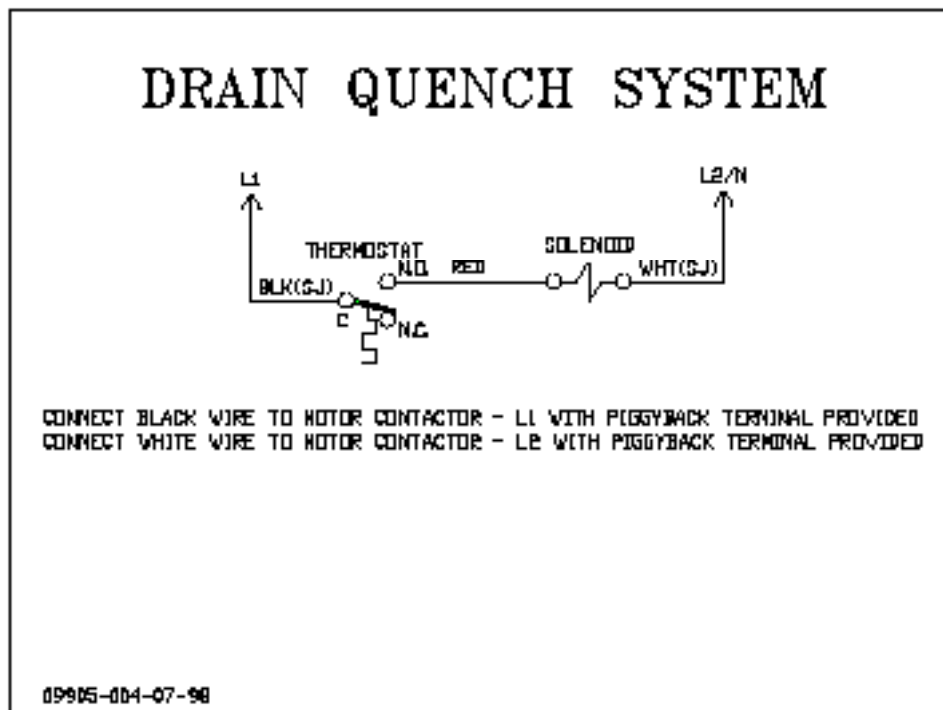
PARTS INCLUDED

Miscellaneous Parts

ITEM	DESCRIPTION	PART NUMBER	QTY
18	TEE, 1-1/2 BRASS	04730-011-69-93	1
19	ELBOW, 1-1/2 NPT, FEMALE	04730-206-32-00	1



SCHEMATIC



PROCEDURE



Disconnect electrical power at the breaker or disconnect switch and tag-out in accordance with procedures and codes.

Turn off the water supply.

Keep hardware!

Keep hardware!

1. Drain the wash tank.
2. Remove the right panel and the front panels from the dishmachine.



3. Take the Wash Tank Heater Cover off. Discard the cover and keep the hardware.



4. Remove the four bolts holding the control box to the frame (right side shown) and keep the bolts.



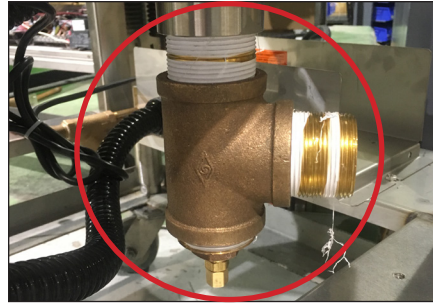
5. Pull the control box forward and remove the top.



PROCEDURE

Pipe thread sealant tape must be applied to all plumbing components upon installation.

6. Install assembly 05700-004-14-96 into the wash tank discharge.



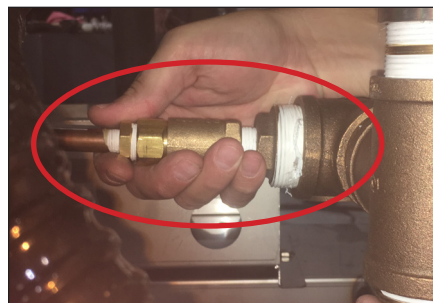
7. Install Tee (04730-011-69-93) and Elbow (04730-206-32-00) onto the assembly installed in the last step. Make sure middle opening on the tee is parallel with bottom of wash tank. Turn the assembly so it is inside the machine.



8. Remove solenoid coil from the 05700-004-14-95 assembly.



9. Install assembly 05700-004-14-95 to the middle opening on the tee installed in Step 7.

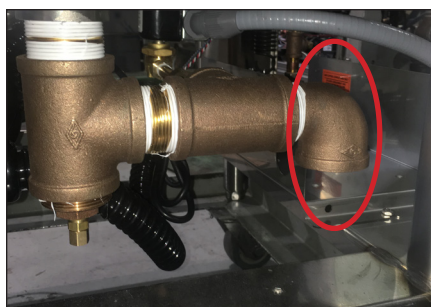


PROCEDURE

10. Put the solenoid back on the assembly installed in the last step.



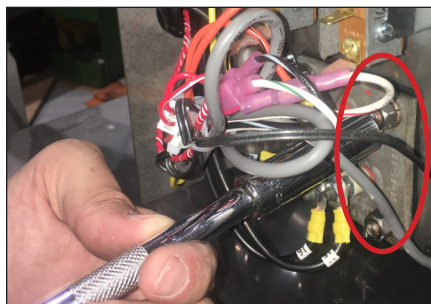
11. Connect the drain discharge piping (not supplied) to the Elbow, 04730-206-32-00, installed in Step 7.



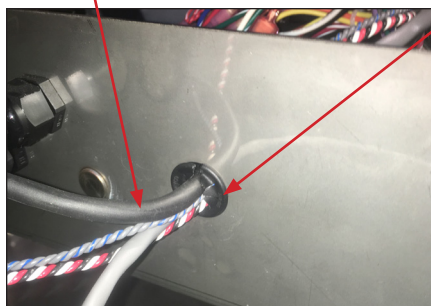
12. Connect COLD WATER supply to solenoid valve.

13. Remove the two right side nuts and lockwashers from the wash tank heater and keep the nuts.

Keep hardware!



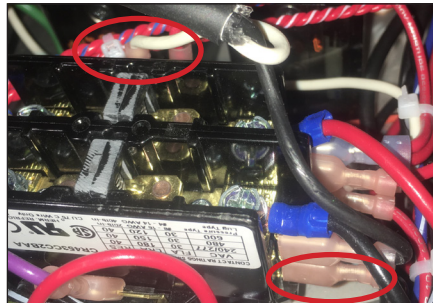
14. Run the end of the SJ cord with the pink terminals through the grommet in the back of the control box.



PROCEDURE

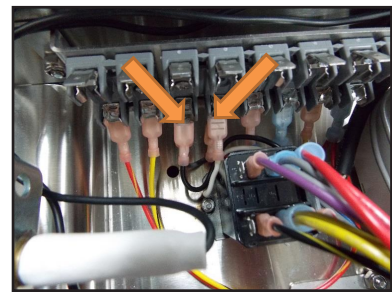
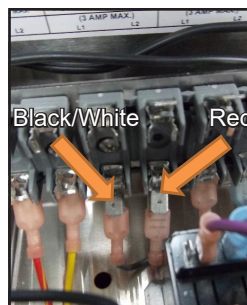
For 460 V machines, see the second part of Step 15.

15. Attach pink terminals to the input side of the motor contactor. The white wire from the SJ cord connects to the terminal by the red wire. The black wire from the SJ cord connects to the terminal by the black wire.



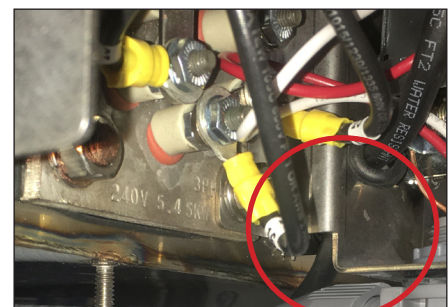
460 V machines only!

FOR 460 V MACHINES ONLY: Locate constant voltage connection and pull terminals L1 (black/white wire) and L2 (red wire) from fuse holders. Place one piggyback terminal on L1 and one on L2 and reconnect them to the constant voltage connection fuse holders. Connect black wire from the SJ cord on the L1 piggyback terminal. Connect white wire from the SJ cord to the L2 piggyback terminal.

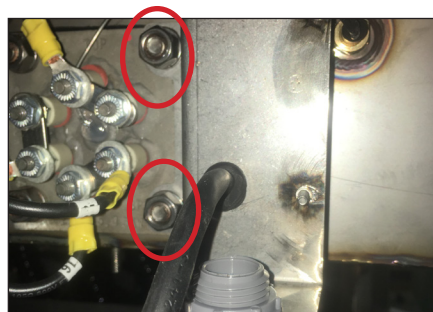


16. Run the other end of the SJ cord under the wash tank and through the hole in the back of the bracket (05700-004-39-53).

Two different views shown for clarity.



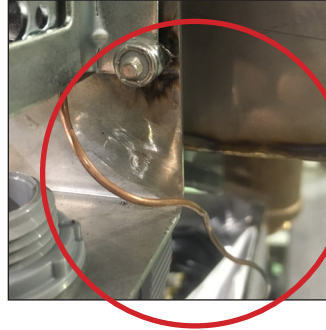
17. Place bracket (05700-004-39-53) over studs on wash tank heater and reinstall the two nuts and lock washers removed in Step 13.



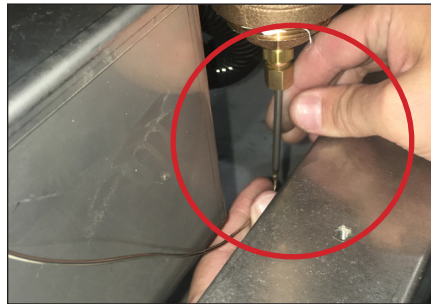
PROCEDURE

The thermostat can be turned either way depending on available space, etc. Just be sure to pay attention to which lugs are NORM OPEN, NORM CLOSED, and COMMON when connecting the wires in Steps 23 & 24.

18. Place the thermostat on the bracket and run the probe and connected capillary tube down and to the right of the bracket and work the probe until it is near the drain quench assembly. Be sure to place the capillary tube where it won't be damaged.



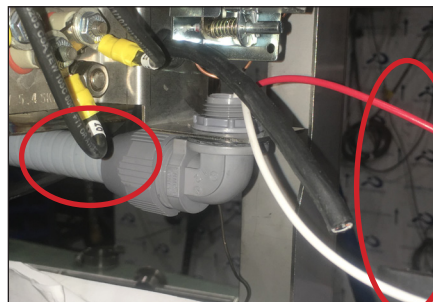
19. Loosen nut and ferrule on assembly 05700-004-14-96 and insert the thermostat probe into the compression fitting. Insert the length of probe shown below.



20. Tighten the nut and ferrule.

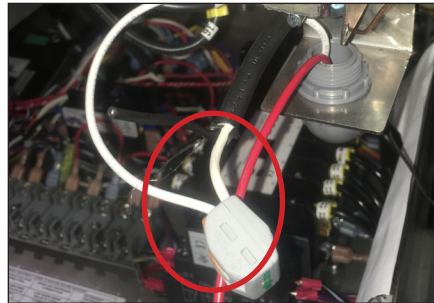


21. Take the conduit and wires coming from the solenoid coil and run the wires through the fitting (05975-011-45-14) on the bracket and connect the conduit to the back of the fitting.

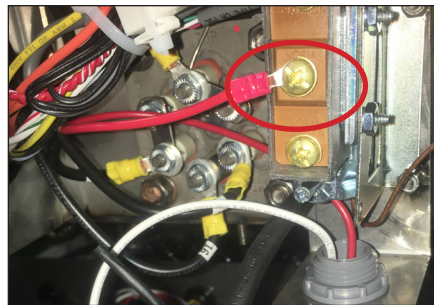


PROCEDURE

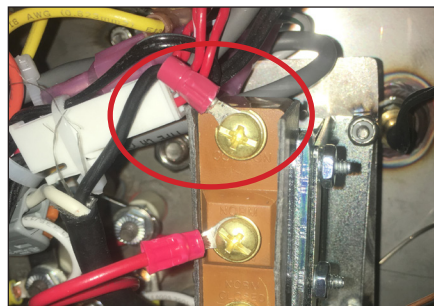
22. Connect the white wire from the solenoid coil to the white wire from the SJ cord.



23. Connect the red wire from the solenoid coil to the NORM OPEN lug on the thermostat.



24. Connect the black wire from the SJ cord to the COMMON lug on the thermostat.



25. Place the new Wash Tank Heater Cover (05700-004-39-55) that came with the kit in place of the cover discarded in Step 3. Use the hardware from Step 3 to secure the cover.



If there are any issues after installation, please contact Technical Service at 888-800-5672.

26. Replace the top of the control box and slide the control box back into the machine. Replace the bolts removed in Step 4.
27. Replace the panels removed in Step 2.
28. Restore power and water to the machine.
29. Run the machine through five cycles to ensure there are no leaks.