



CORNELIUS INC ■ One Cornelius Place ■ Anoka, MN 55303-6234

Telephone (800) 238-3600

Facsimile (800) 535-4231

## INSTALLATION INSTRUCTIONS, BIN STAT KIT, P/N 631500074, 631500099, 631500108, 631500109, AND 631500116

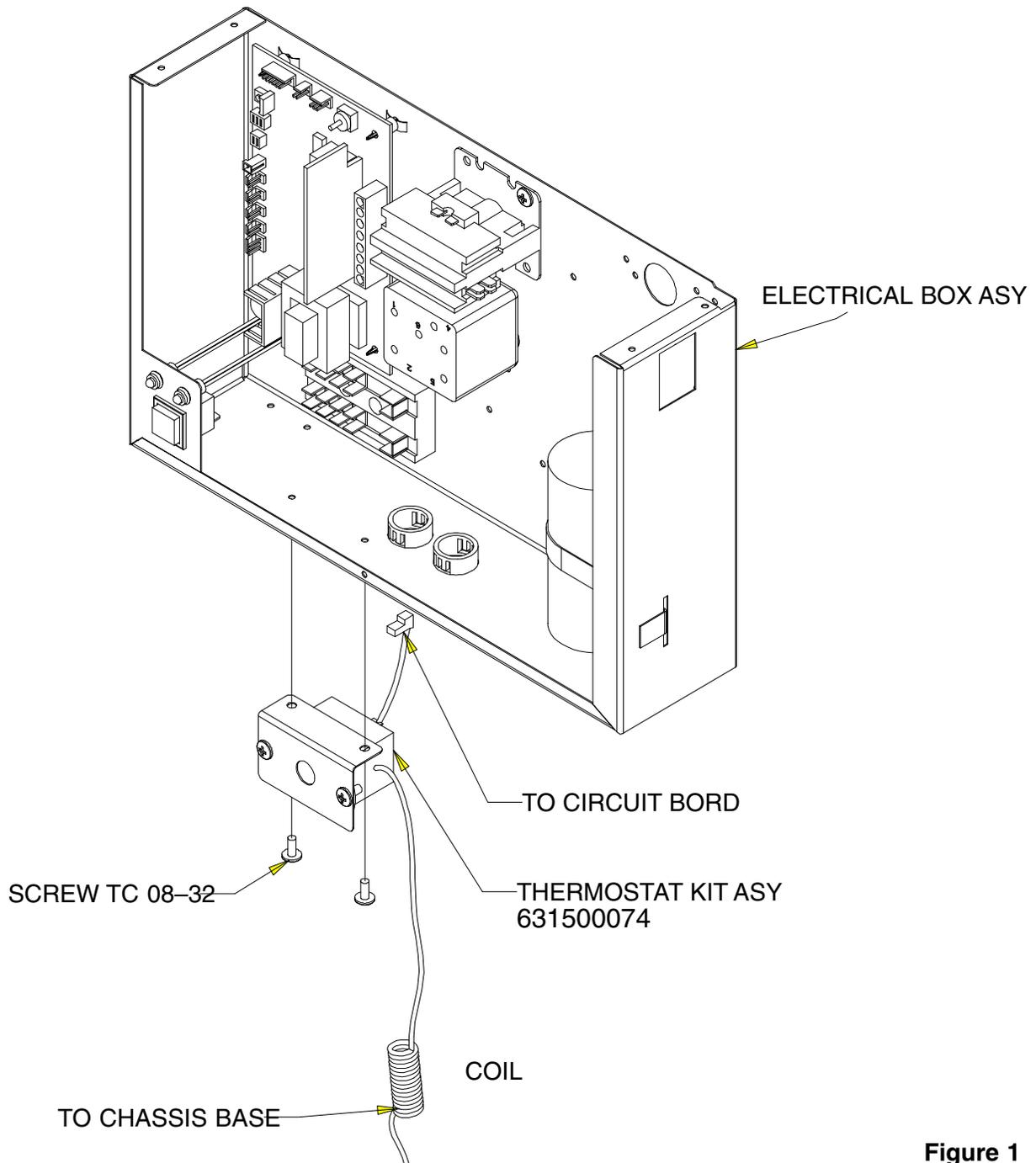
These Bin Stat kits apply to all “X” Series Ice makers

**Table 1. Loose-Shipped Parts**

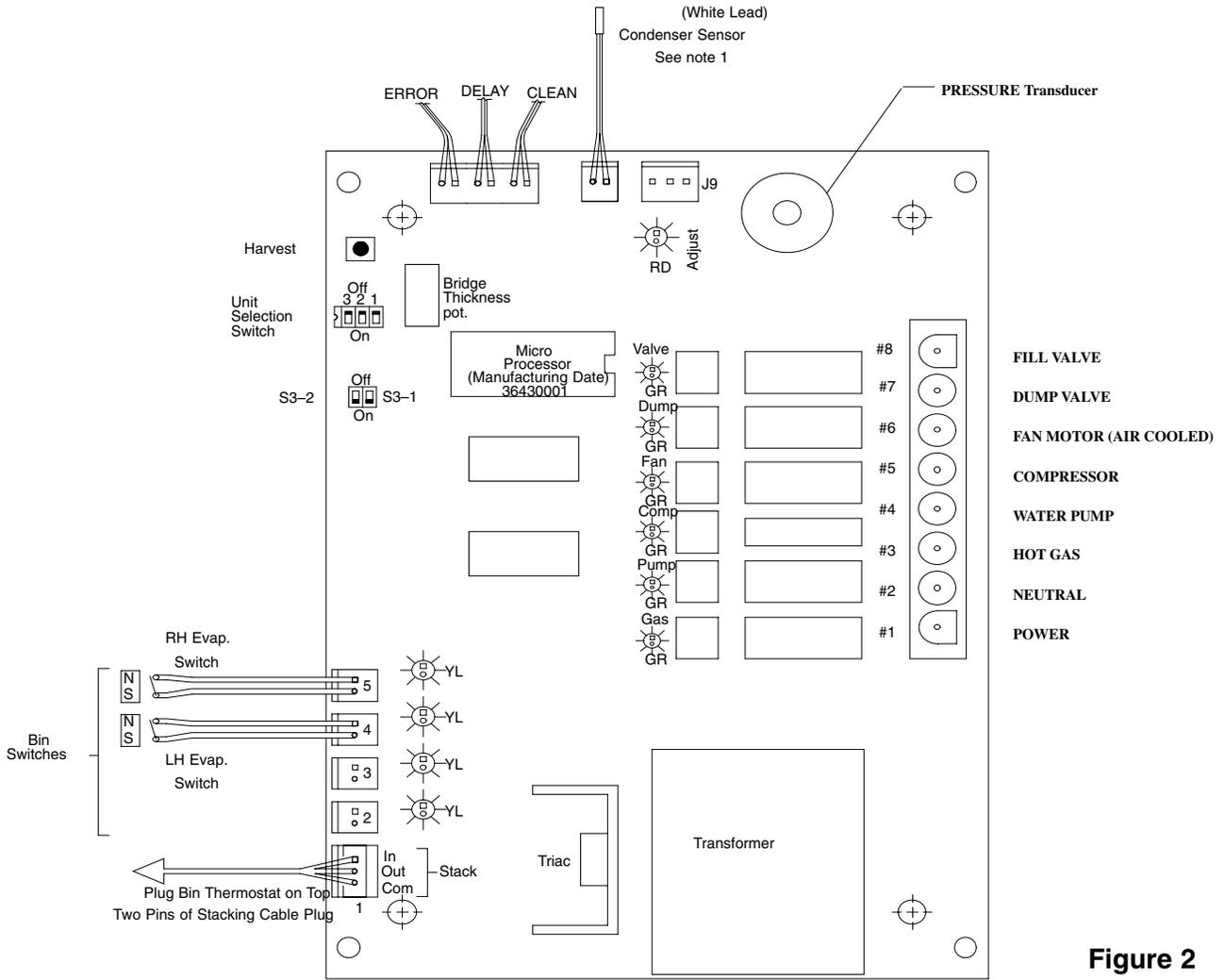
Item No.	Part No.	Name	Qty.
1	630000837	Thermostat Asy	1
2	07578	Screw TC 08–32	2
3	630460162	Installation Instruction, Thermostat	1
4	630900895	Hex Nut 8–32 SS Keps	1
5	620045454 or 620045455 or 620045456 or 620045457 or 620050327	Bin Stat Support	1

1. Disconnect power.
2. Remove front cover of the unit and the electrical box cover plate. For 22” wide units you will need to remove the Grill from the right side of the unit.
3. To mount bin thermostat in electrical box:
  - A. Route wires and connector through grommet in electrical box (see Figure 1).
  - B. Attach bin thermostat to electrical box with two 08–32 TC screws provided (see Figure 1).
4. Connect the bin thermostat lead to the circuit board (see Figure 2).
5. Straighten approximately 12” of capillary tube to go through hole in chassis base. Re-coil the remainder. Do not disturb the tightly coiled end.
6. Insert the “1/4” diameter wire Bin Stat support into the coiled end of capillary tube. Carefully wrap 5 turns of free capillary tube tightly around the Bin Stat support. Insert the assembly through the hole in the chassis base. Route capillary tube to follow the Bin Stat support as closely as possible (see Figure 3).
7. Slip eye of Bin Stat support over the 8–32 weld stud in the chassis base. If a nut exists on this weld stud remove before assembling the Bin Stat support. Secure the Bin Stat support with the 8–32 Keps nut provided in the kit (see Figure 3).
8. Any excess capillary tubing must be carefully pulled back into the compressor compartment to prevent ice from damaging it during dispenser operation.

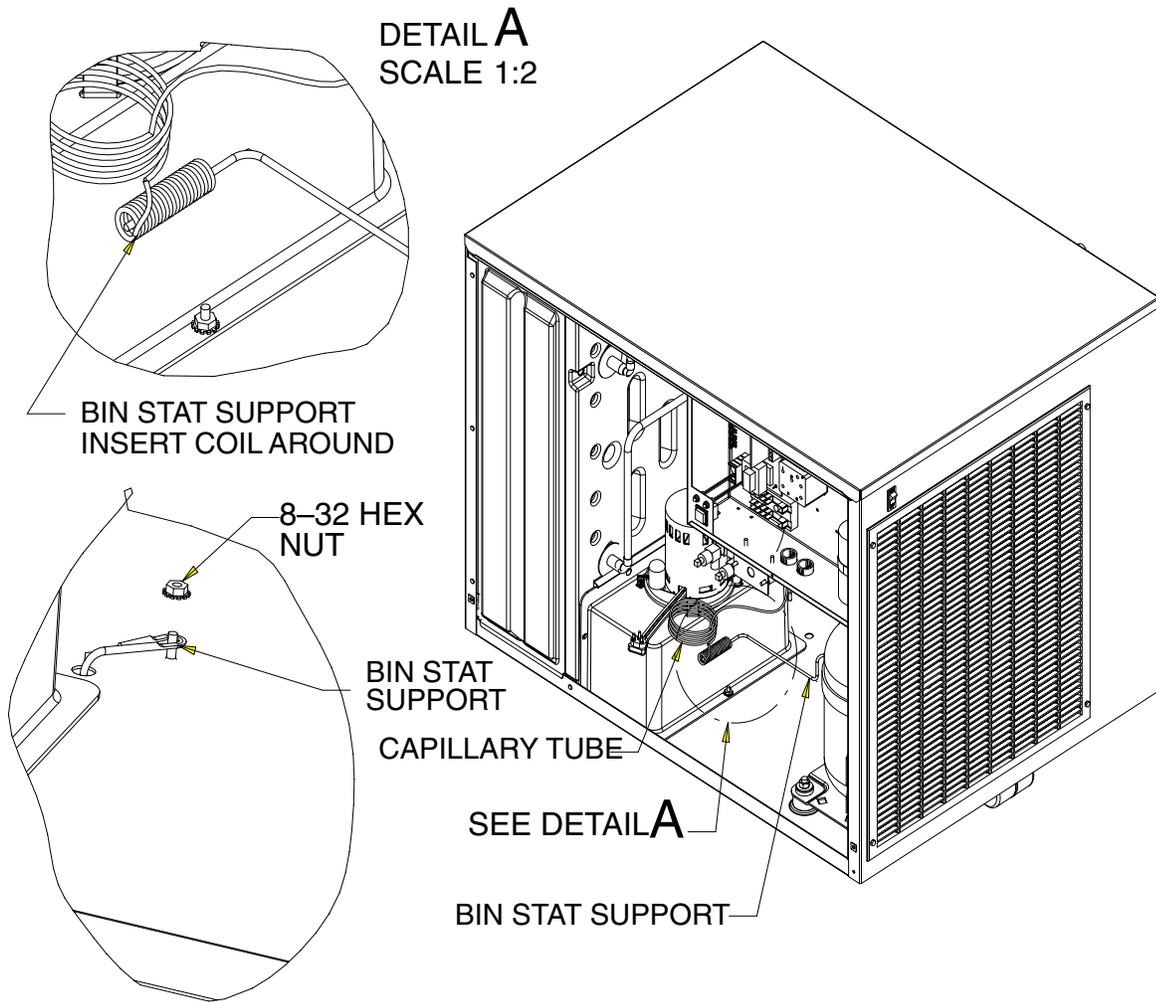
9. Seal  $\frac{1}{2}$ " diameter hole with sealant (RTV).
10. Turn bin stat adjustment screw clockwise until it stops. Then turn it counterclockwise  $\frac{1}{8}$  of a turn.
11. Reinstall the front cover of the electrical box and the ice machine and reconnect the power. Verify that the Bin Stat is working by holding ice on the coiled bare capillary tube. The bin stat will allow the ice machine cycle to complete and harvest ice. Then the ice machine will shut down. Remove the ice from the capillary tube and warm the tube with hand heat. The ice machine should start in approximately 60 seconds. Reinstall front cover and grill (22" units only).



**Figure 1**



**Figure 2**



**Figure 3**