

**KIT PART NUMBER 6231531**

**INSTRUCTIONS FOR INSTALLING AN EXHAUST FAN KIT IN A HOT DRINK CENTER**

**CHECK THE PARTS RECEIVED IN THE KIT WITH THE PARTS LIST IN THESE INSTRUCTIONS. IF ANY PARTS ARE MISSING, CONTACT NATIONAL VENDORS' PARTS DEPARTMENT IMMEDIATELY.**

Read these instructions carefully before installing the kit.  
Retain these instructions for part numbers and for future reference.

PART NUMBER	DESCRIPTION	QTY
1452139	Retainer - Harness - 3/8DIA.	1
6231526	Fan - Exhaust	1
6231528	Screen - Exhaust Fan	1
6231530	Jumper - Exhaust Fan	1
6231532	Instructions - Installation	1
6231527	Drill Template	1
9900050	Screw - #6-32 x .50, RHS, W/LW	4
9900078	Nut - #6-32, Hex W/LW	4
6231035	Retainer - Harness - 3/4DIA.	2

**NOTE**

If your merchandiser does not have the required mounting holes, go to Part 2 for instructions for drilling these holes before proceeding.

**PART 1. INSTALLATION INSTRUCTIONS FOR EXHAUST FAN KIT**

1. Open the merchandiser door.

**CAUTION**

*To prevent personnel injury, disconnect power from the merchandiser while performing these procedures.*

**Refer to Figure 1.**

2. Remove the two righthand canisters, positions 1 and 2, from the machine.
3. Locate the cover plate in the upper righthand rear corner of the machine and remove it.
4. Press the exhaust fan screen between the screws at an approximate 45° angle to the screws.

5. Orient the fan so the fan cable is on the bottom. Be sure the fan airflow is toward the outside of the merchandiser, then install the fan over the screws. Place the harness retainer on the lower lefthand screw and secure the fan and retainer with the nuts that held on the cover plate. Use the screws and nuts supplied in the kit if you had to drill mounting holes.

6. Route the fan cable through the harness retainer just installed and then through the harness retainer on the side of the water tank. Shown in Figure 2.

***Refer to Figure 2.***

7. Connect the jumper harness connector, J264, to the fan cable connector.

8. Route the jumper harness alongside the water tank, through the harness retainer on the motor bracket and down through the hole in the right side of the motor channel.

9. Lift the cup station out, and then remove the brewer and brewer drive from the machine.

10. The two clamps which were behind the brewer drive need to be replaced with two 3/4IN. clamps from the kit.

11. Disconnect the power cable assembly from the ventilation assembly blower motor at connector J64.

12. Route the exhaust fan jumper through the clamps just installed and connect J64A to the ventilation fan harness and J64B to the power cable assembly. Connect the brewer drive harness if disconnected.

13. Reinstall the brewer drive, brewer, and cup station. Inspect harness connections to ensure integrity.

14. Place the canisters back in their respective positions prior to removal.

15. Restore power to the merchandiser.

16. Close and lock the merchandiser door.

## **PART 2. INSTRUCTIONS FOR DRILLING FAN MOUNTING HOLES**

If your merchandiser does not have the required mounting holes in the upper righthand corner, it will be necessary to drill them. The following steps will help you to complete these operations as easily and quickly as possible.

### **CAUTION**

***To prevent personnel injury, disconnect power from the merchandiser while performing these procedures.***

1. Open the merchandiser door and remove the two righthand canisters, positions 1 and 2, from the machine.

2. Cover the inside of the merchandiser over the canister mounting bracket and motor mounting bracket to prevent metal chips from falling into the equipment.

3. Tape the drill template to the outside of the merchandiser in the back upper lefthand corner. Following the drill template, centerpunch the holes to be drilled. See Figure 3.

4. Using a 5/32 drill bit, drill four holes as marked. Check hole alignment by temporarily installing the four screws through the holes and into the exhaust fan mounting holes.
5. Drill a 7/8Dia. pilot hole in the center of the three inch exhaust hole using a Greenlee Kwik Stepper drill P/N 34403 or equivalent.
6. Install a Greenlee Round Standard Metal Knockout Punch P/N 730BB-3, or equivalent, in the 7/8Dia. pilot hole and punch a three inch diameter hole in the cabinet back.
7. Remove the knockout punch and, from the outside of the merchandiser, install the four mounting screws, P/N 9900050, in the four holes drilled earlier. *Installation tip:* Place adhesive tape over the screw heads to hold the screws in place while installing the exhaust fan. Use nut, P/N 9900078, with these screws.
8. Go to Part 1 of the instructions and perform steps 4 through 16.

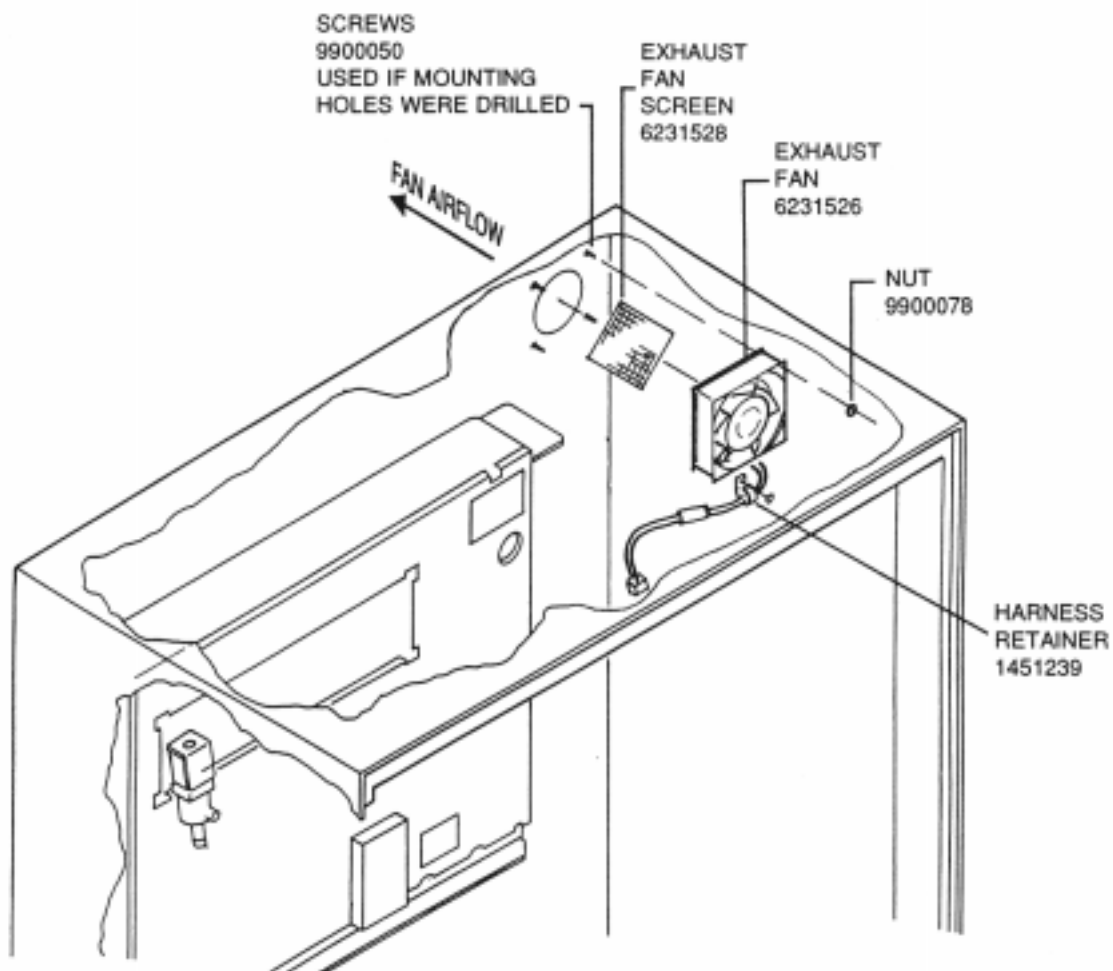


Figure 1.

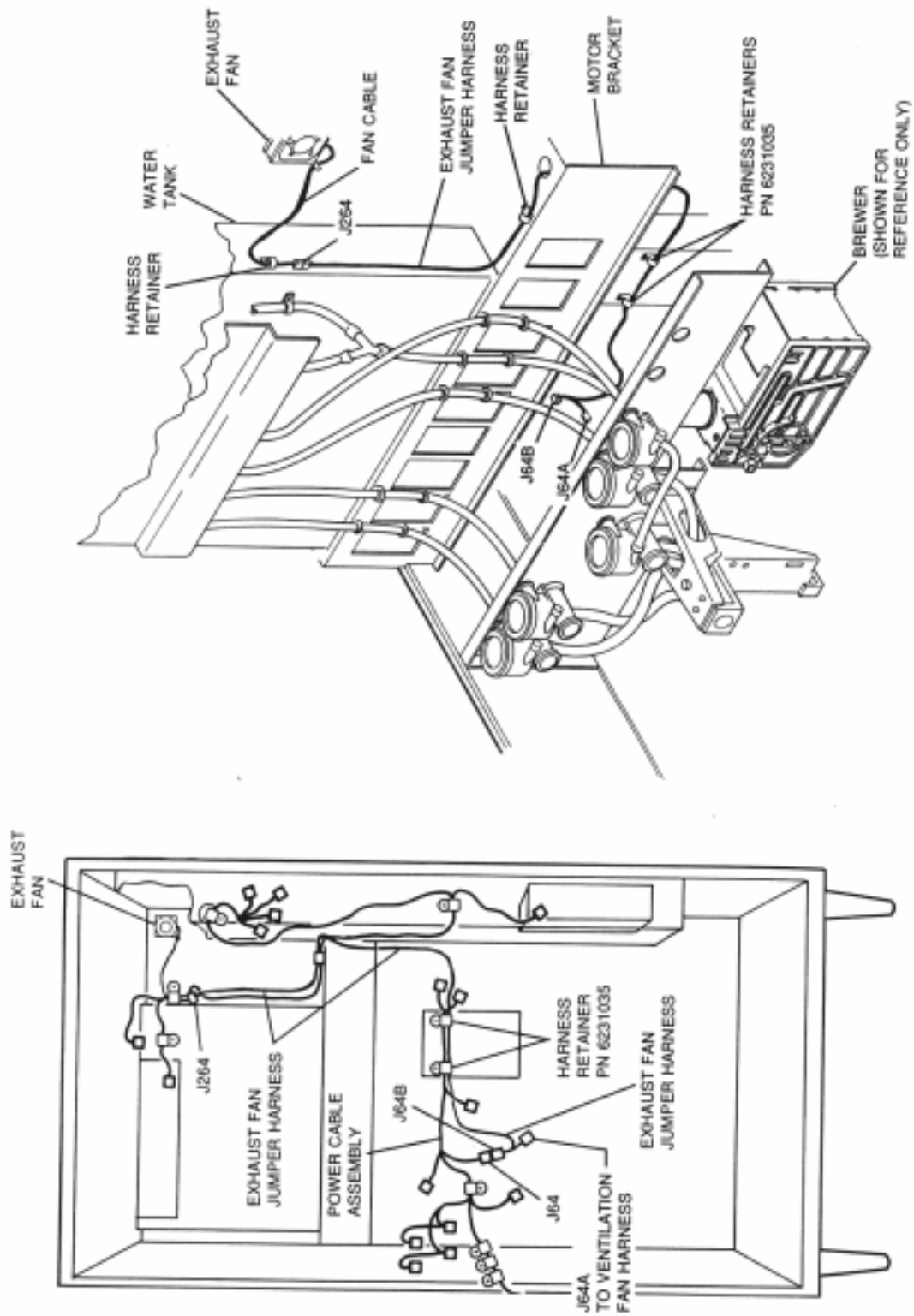


Figure 2.

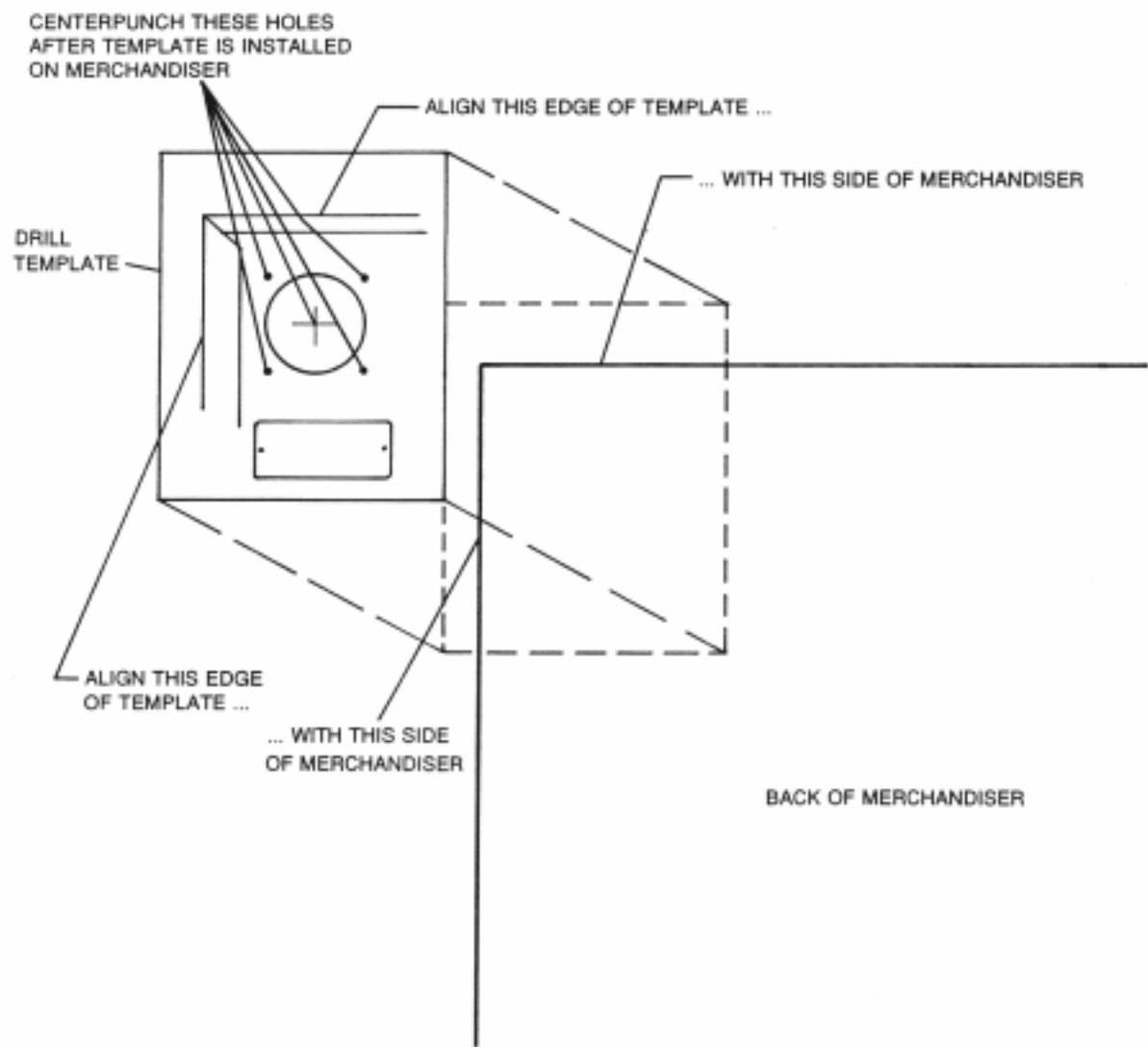


Figure 3.