

## Drill the Necessary Holes

The following modifications are required when installing the System:

- Drill a 5/8-inch hole in the top of the vending machine door. Before drilling, check for adequate clearance on the inside of the door for the antenna post, wiring and wrench access for fasteners. **FCC Regulations require the antenna to be at least 6.5 inches from the front of the machine.**



Figure 5-2: Drilling the antenna hole

- If necessary, on high-visibility machines, drill a 7/8-inch hole in the left side panel in order to make it easier to route the cable.

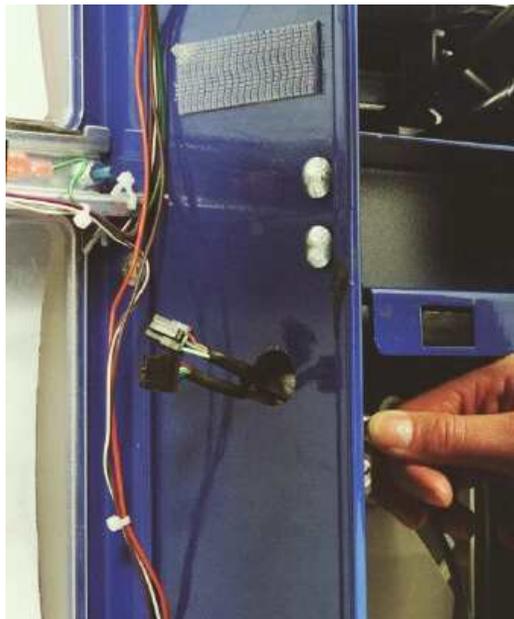


Figure 5-3: A cable routing hole

## Connect the Antenna

Mount and connect the antenna:

1. Insert the **antenna component** through the hole in the top of the vending machine door. Make sure to remove one nut and two washers from the antenna prior to insertion—sometimes the nuts and washers are stuck together.



Figure 5-4: Inserting the antenna component

2. Secure the **antenna component** in place using the provided nut, small washer, and large flat washer.



Figure 5-5: Attaching the antenna cable

3. Screw **antenna cable** into bottom of **antenna component**. Wrap the antenna cable *behind* the lights in order to keep it from casting shadows against the front of unit.

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## Remove the Existing Unit

1. Power off the **Controller Unit**. To avoid the risk of electrical shock that may cause bodily injury or damage to the equipment, turn off the power at the door panel or unplug the unit from the wall.
2. Remove any dollar bills from the **Unit** and account for them according to your local procedures.
3. Remove the four nuts from the machine threaded posts holding the existing **Unit** in place. If the nuts cannot be reached easily, use the socket extender. Place the nuts in a secure location, as they will be needed when installing the new **Unit**.



Figure 5-6: Removing the Unit

4. Remove the **cables** from the **Unit**.
5. After the **Unit** is disconnected, remove it from the vending unit.

## Install the Combination Unit

1. Mount the **Combination Unit** in the slot:



Figure 5-7: Mounting the reader unit

2. Secure with nuts onto machine-threaded posts:



Figure 5-8: Securing the reader/DBV unit

**Combination Unit** as seen from the front of a round-front machine:



*Figure 5-9: The installed Unit*