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**KIT PART NUMBER 6330105**

**INSTRUCTIONS TO INSTALL REMOTE INFRARED MUG SENSOR ON A HOT DRINK CENTER, EURODRINK MERCHANDISER, TWIN DRINK CENTER, EURO TWIN DRINK CENTER OR A COLD DRINK CENTER MACHINE.**

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

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

This kit contains the following :

PART NUMBER	DESCRIPTION	QUANTITY
2342315	CLIP - WIRE HARNESS	2
3106215	NUT - #8-32 - STAINLESS	2
3108221	SCREW - # 8-32 X 3/8 PHS ST. STL	2
3157060	SCREW - #8-32 X .31 HEX W/HD SLOTTED	4
3281080	MUG SENSOR & BRACKET ASSEMBLY	1
3281082	BRACKET - LED - REMOTE	1
6331076	BRACKET - LED	1

1. The parts in this kit replace the transmissive mug switch and bracket assembly, 6231540, and LED brackets 3631110 and 6231558 (see figure 1) with new remote mounted mug sensor & bracket assembly, 3281080 and LED brackets 3281082 and 6331076 (see figures 2 and 3).
2. Turn machine power OFF.
3. Remove the cup delivery assembly from the machine (see figure 4) and the waste bucket to access the transmissive mug sensor assembly on the cup station support.
4. Locate and disconnect the transmissive mug switch sensor assembly, 6231540, from the cabinet harness. Remove the mug switch sensor assembly and LED bracket from the cup station support (see figure 1).
5. If this kit is to be installed in a Cold Drink Center, also remove the cup compartment support, 3288016, and the cup station mounting assembly, 3281074, (see figure 2).

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6. Attach the 3281082 remote LED bracket to the cup compartment support, 3288016, using two 3108221 screws and 3106215 nuts. Reattach the cup compartment support and cup station mounting assembly to the cup station support.
  7. If this kit is to be installed in a Twin Drink Center, attach the 3281082 remote LED bracket directly to the cup station support.
  8. If the installation is in a Hot Drink Center, attach the 6331076 LED bracket to the cup station support (see figure 3).
  9. Attach the IR pair harness assembly (part of mug sensor and bracket assembly, 3281080) to the LED bracket using 2 of the 3157060 screws (see figure 2).
  10. Before locating the 3281080 mug sensor assembly in the cabinet, test the mug sensor as outlined below.
    - a. Turn machine power ON.
    - b. Without a mug or other object in the cup station blocking the light beam, the red LED on the side of the mug sensor and bracket assembly should not be lit. If the LED is lit, adjust the sensitivity control until the LED is off. The sensitivity control may be accessed by removing the caplug in the back of the mug sensor and bracket assembly.
    - c. Place a test mug into the cup delivery assembly and observe that the LED is lit. Again, adjust the sensitivity control as necessary.
    - d. When all tests and adjustments are complete, replace the caplug.
  11. Position the mug sensor assembly and bracket assembly in a convenient remote location in the cabinet area. It may be necessary to drill two 3.5/3.7 mm (.136/.140 in.) holes for the 3157060 mounting screws.
  12. Reinstall the cup delivery assembly into the machine.

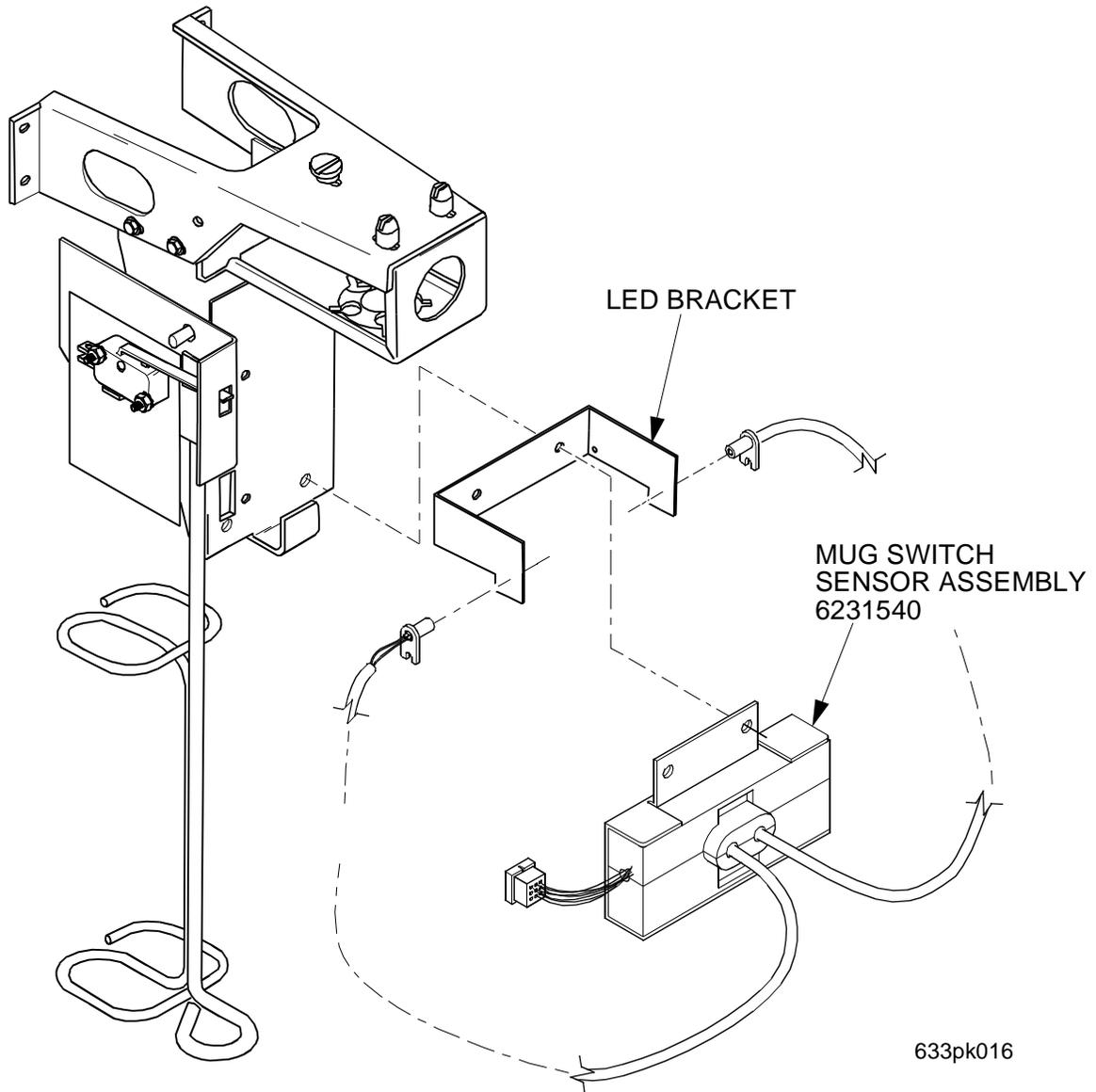
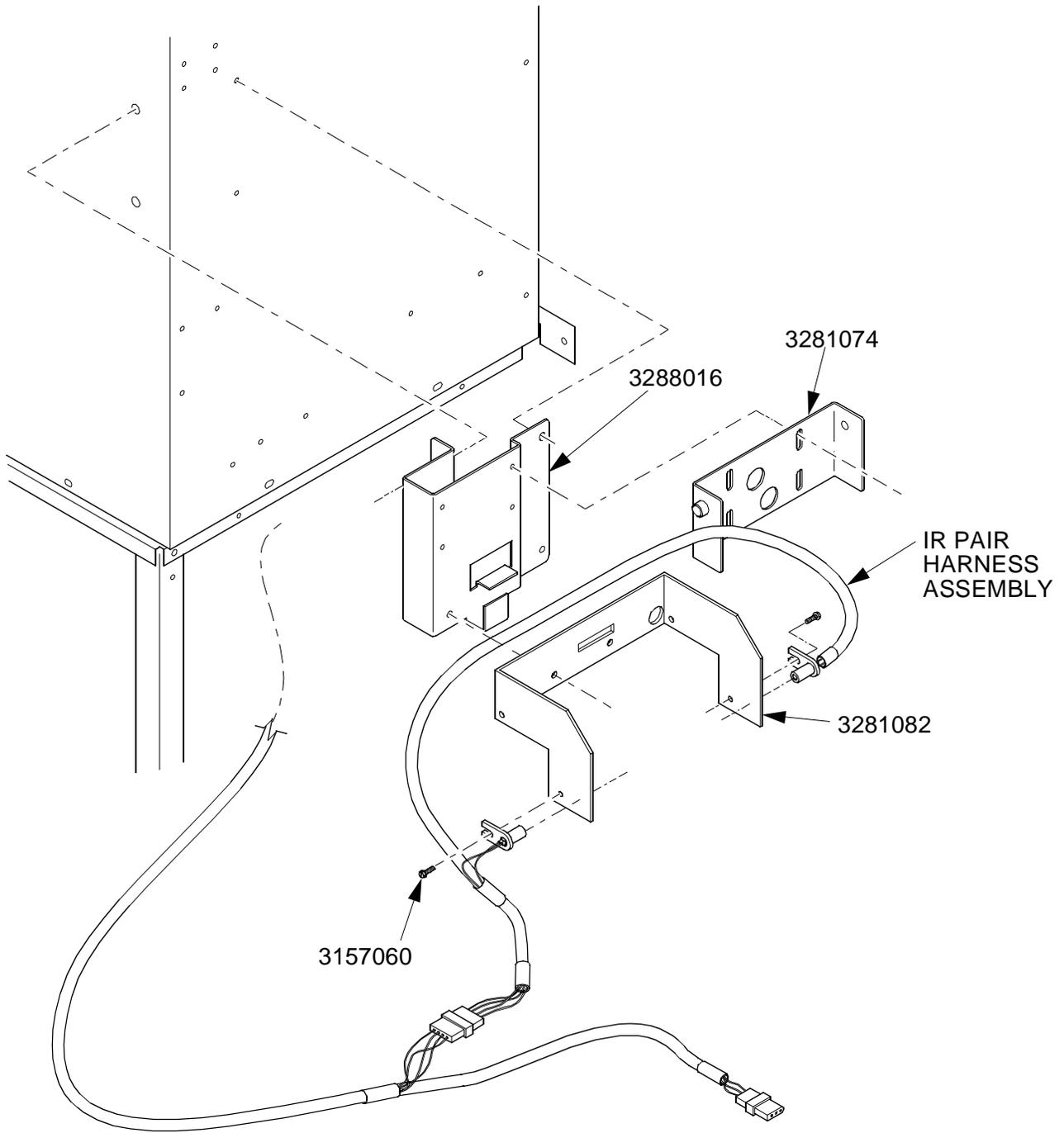
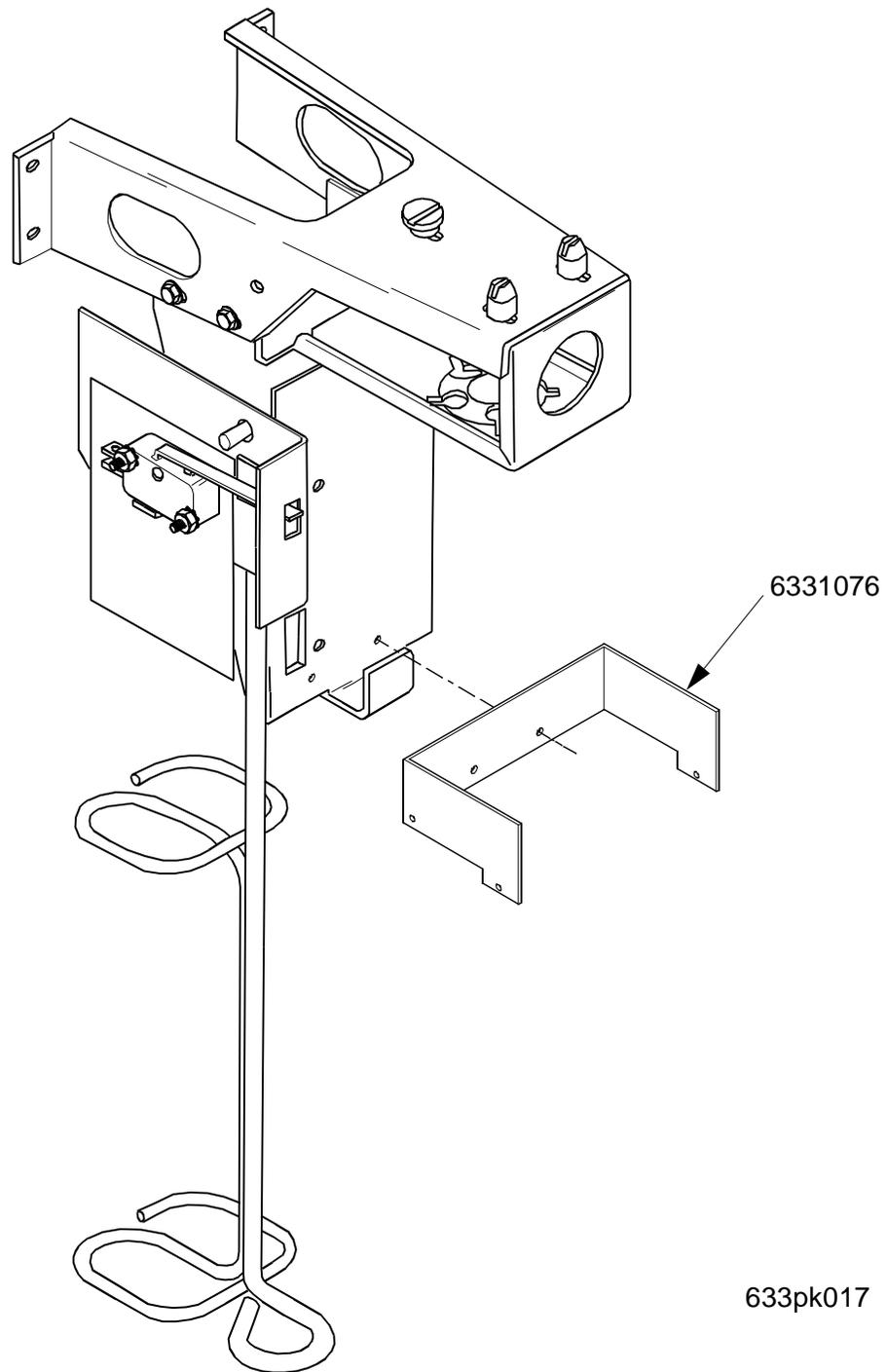


Figure 1



633pk018

Figure 2



633pk017

Figure 3

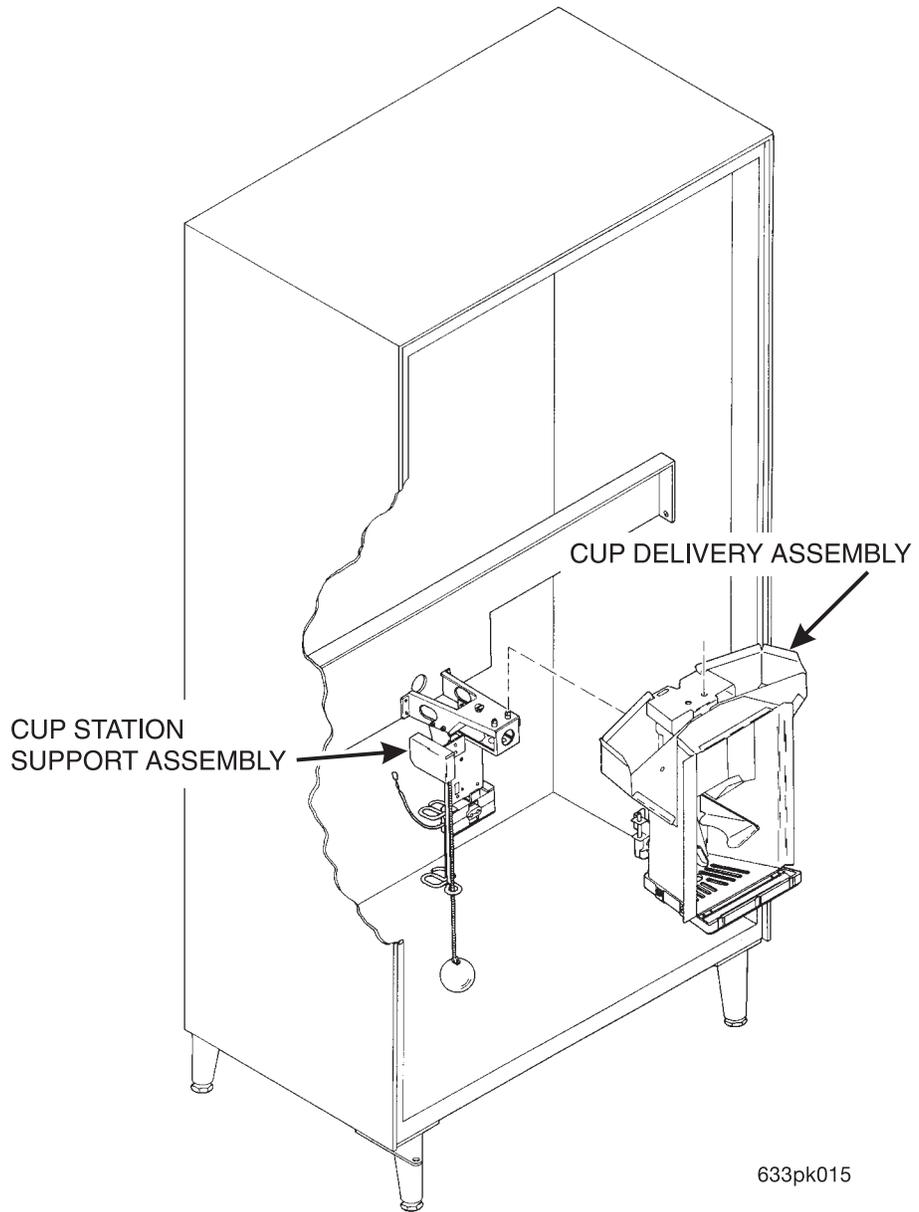


Figure 4