



KIT PART NUMBER 6400154

INSTRUCTIONS FOR UPGRADING YOUR CAFE' SYSTEM 7 BREWER AND BREWER DRIVE ASSEMBLY

IMPORTANT

Ensure that your machine is equipped with the latest float/thermistor assembly (6408153). Machines with serial number 640-012665 and later are equipped with this float assembly. If your machine is not so equipped, upgrade kit (6400121) is available, and must be installed prior to installing this kit.

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:

INDEX	PART NUMBER	DESCRIPTION	QUANTITY
1	6404094	PLATE - BREWER SWITCHES	1
2	5220108	SWITCH	2
3	1457027	SCREW	4
4	6404091	SPACER - .50 OD X .171 ID X .38	4
5	6404090	SEAL - BREWER	1
6	P6406012	IC ASSY - VER. 3.2	1
-	6400155	INSTRUCTION SHEET - 6400154 KIT	1

REPLACE THE BREWER SEAL :

1. Remove power from the machine.
2. Remove the brewer assembly from the machine.
3. Remove the seal and screen assembly from the brewer assembly.
4. Using a small screwdriver or other small tool, remove the seal from this assembly. Discard the seal.
5. Install the new red silicone seal (5) by firmly pressing it into the molded groove. Make sure the seal is completely seated around the entire diameter.
6. Re-install the seal and screen assembly to the brewer assembly.



REPLACE THE BREWER SWITCHES:

1. Remove the brewer mounting bracket from the front face of the brewer drive assembly.
2. Remove the brewer switches harness from the switches.
3. Remove the two brewer switches from the brewer mounting bracket. Discard the switches, but save the four #4-40 screws and nuts to mount the new switches.
4. See figure 1. Mount the new brewer switches (2) to the plate (1), using the screws and nuts you saved from step 3. Make sure the switches are in the orientation shown in figure 2.
5. Remove the four #8-32 screws holding the brewer motor to the brewer motor support. Discard the screws.
6. See figure 3. Install the plate and switch assembly and the brewer motor to the brewer motor support, using the spacers (4) and screws (3) as shown. Make sure that the spacers are located, as shown, between the plate and switch assembly and brewer motor support.
7. See figure 2. Connect the brewer switches harness to the new switches as shown.
8. See figure 3. Remove the two 1/4" harness clamps from the brewer mounting bracket and the brewer support. Capture the brewer switches harness in the harness clamps and install them as shown. Make sure the harness clamps are in the orientation shown in figure 2.
9. Re-install the brewer mounting bracket to the front face of the brewer motor support.
10. Re-install the brewer assembly, making sure to connect the valve tubing and pump tubing.

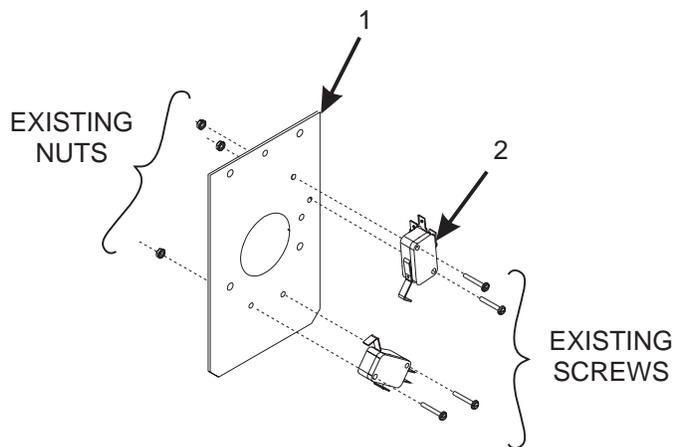


Figure 1

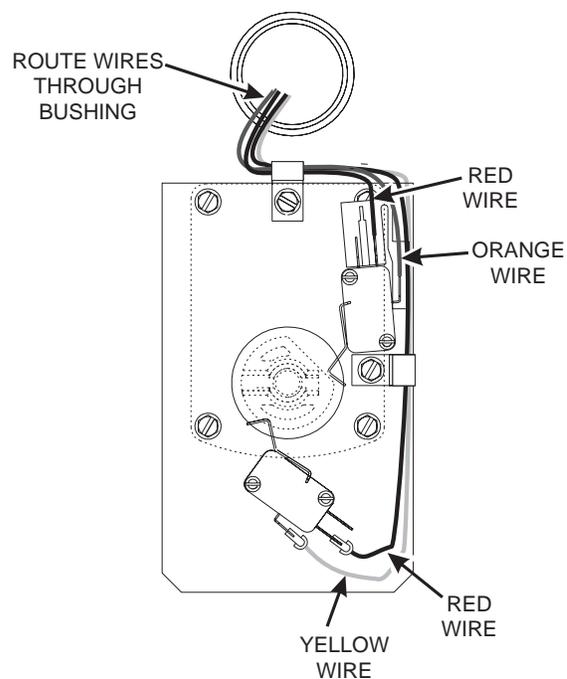


Figure 2

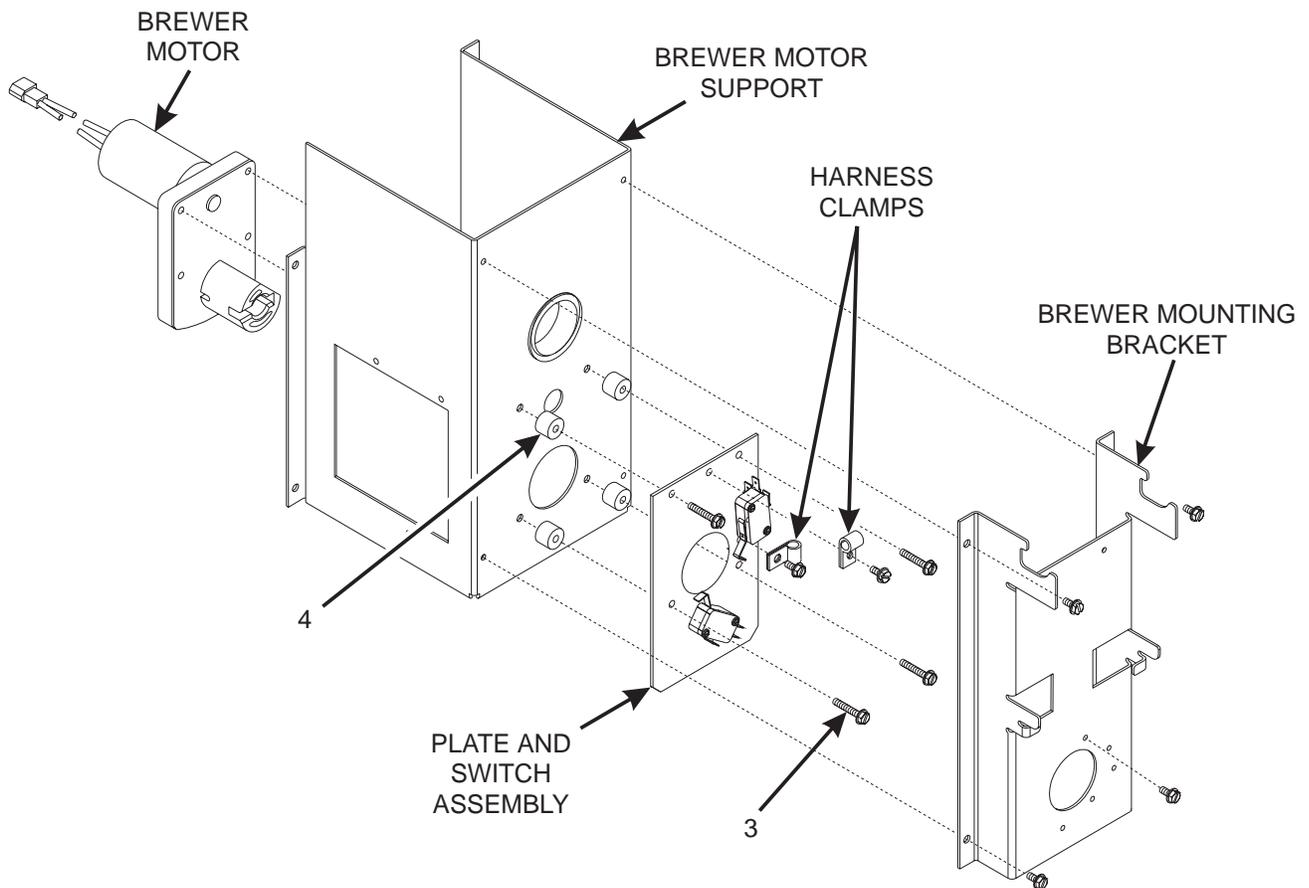


Figure 3

INSTALL THE NEW EPROM:

CAUTION

Static sensitive devices are present! Wear wrist straps and observe static precautions. Proper handling and grounding is required.

1. Unplug and remove the coin mechanism.
2. Remove the monetary plate and return chute assembly by removing 3 screws and 3 nuts.
3. Remove controller board by removing the screws securing it in place.
4. Locate the EPROM on the controller board. **NOTE THE POSITION OF THE NOTCH ON THE EPROM BODY.**
5. Remove the old EPROM and replace it with the new EPROM (6). **MAKE SURE THE NOTCH IS FACING THE SAME WAY AS THE OLD ONE WAS!**
6. Replace the controller board, the monetary plate and return chute assembly, and the coin mechanism. Make all electrical connections.
7. Return the machine to service.