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**KIT PART NUMBER 6848045  
INSTRUCTIONS FOR INSTALLING A  
6848044 HEATER TERMINAL COVER SHEILD  
IN MODELS 640, 641, 644, 660, 661, 684, 685, 688, AND 689**

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**CHECK THE PARTS RECEIVED IN THIS KIT WITH THE PARTS LIST IN THESE INSTRUCTIONS. IF ANY PARTS ARE MISSING CONTACT THE CRANE MERCHANDISING SYSTEMS' PARTS DEPARTMENT AT 1-800-621-7278.**

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
6848044	SHIELD - HEATER TERMINAL COVER	1
6848046	INSTRUCTIONS - KIT 6848045	1

**WARNING: Electrical Shock Hazard - Contact with live electrical parts can cause death or serious injury. UNPLUG THE MACHINE POWER CORD BEFORE INSTALLING THIS KIT. Failure to do so could result in electrical shock.**

1. Read these instructions carefully before installing this kit.
2. **Unplug the machine power cord from the wall receptacle before installing this kit.** Failure to do so could result in an electrical shock.
3. Open the door of the machine and locate the water tank heater terminal cover.
4. Remove the two (2) 1/4-20 hex nuts that secure the heater terminal cover to the water tank. Do not discard these nuts. See Figure 1.
5. Remove the Heater Terminal Cover from the mounting studs and inspect the interior of the cover and the heater terminals for any foreign material such as coffee grounds or other dry ingredients. **Any coffee grounds or other material must be removed before installing this kit.** Clean with a dry cloth or brush if necessary. Do not use any liquid on the electrical connections.
6. Replace the Heater Terminal Cover and place the 6848044 Heater Terminal Cover Shield over the 1/4-20 studs. See Figure 2 for proper location and orientation of the 6848044 shield.
7. Replace the 1/4-20 hex nuts to secure the new Heater Terminal Cover and the Heater Terminal Cover Shield to the water tank.
8. Plug in the power cord.



Figure 1



Figure 2