

## **Lower Bearing Installation**

**Maestro™ Icemakers** 

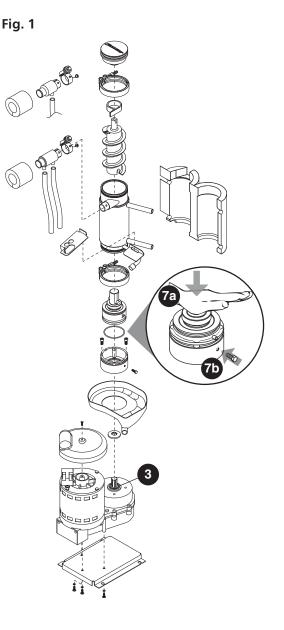
## **Technical Bulletin**

## Topic

Improper reassembly of the evaporator, particularly the lower bearing, can result in premature failure due to water penetration. Please follow the reassembly procedures below; step 7 is critical in preventing water penetration.

## Action

- 1. Clean gearmotor boss, output shaft and shaft well.
- 2. Install drain pan and evaporator mounting base.
- 3. Fill gearmotor shaft well with food-grade grease (3).
- **4.** Install condensate shield and seat against gearmotor boss.
- **5.** Install bearing O ring in groove in evaporator mounting base.
- **6.** Lower bottom bearing assembly into evaporator mounting base.
- 7. While maintaining a slight downward pressure on bottom bearing assembly (7a), tighten hex head bolt with a 5/16 in. wrench (7b).
- **8.** Position evaporator over lower bearing assembly and align grooves with pins in bearing assembly.
- 9. Install vee band clamp and nut to 8.05 mm/kg (70 in/lb).
- **10.** Place auger in center of evaporator and rotate to mate with drive pin.
- **11.** Install ice compression loop, orienting loop.
- **12.** Install upper bearing and seal assembly, rotating bearing to slip pin into auger slot.
- **13.** Install upper vee band clamp and nut to 8.05 mm/kg (70 in/lb).
- 14. If evaporator was replaced, reinstall compression nozzle.



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