



## Replacement of a Broken Freezer Bolt

These instructions describe how to replace a broken freezer bolt. Although the appearance of a broken freezer bolt may not be desirable, a broken freezer bolt does not reduce the cooling performance of the refrigerator.

Only three procedures are permitted to replace a broken freezer bolt. Do Procedure #1 first. If you cannot replace the freezer bolt by doing Procedure #1, then do Procedure #2. If you cannot replace the freezer bolt by doing Procedure #2, then do Procedure #3.

Procedures #2 and #3 require you to drill into the broken freezer bolt or into the evaporator mounting plate of the cooling system. Tubes of the cooling system are around and behind the areas that you may drill. **Drill only as written in these instructions.**

Puncture of the cooling system tubes will release highly flammable and carcinogenic chemicals that are under high pressure. To avoid puncture of the cooling system tubes, carefully read and obey these instructions.



### WARNING:

- The refrigerator cooling system tubes are under pressure.
- The cooling system tubes contain sodium chromate. The breathing of certain chromium compounds can cause cancer.
- The contents of the cooling system tubes can cause severe skin and eye burns, and can ignite and burn with an intense flame.
- Do not bend, drop, weld, move, drill, puncture, or hit the cooling system tubes.

### Procedure #1

Try to hold and turn out the broken bolt with a pair of vise-grip type pliers.

- If you can remove the broken bolt, put a replacement freezer bolt back in the same location.
- Use only a Norcold replacement freezer bolt (Part Number 620290). Phone (800) 543-1219 to order the replacement freezer bolt from Norcold Customer Service.
- If you cannot remove the broken bolt, do Procedure #2.

### Procedure #2

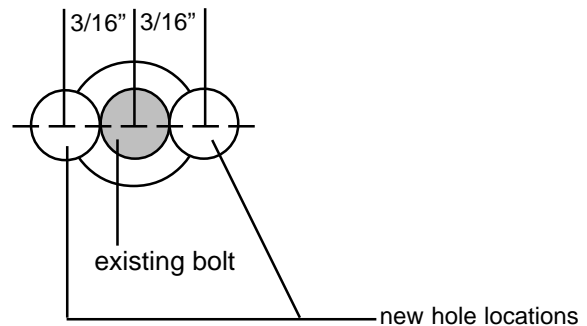
1. For your personal safety, wear protective rubber gloves and a face shield or goggles.
2. Using a non-sparking air-powered drill and a 5/64 cobalt bit, drill into the center of the broken bolt:
  - Drill the new hole **no more than 1/2 inch deep** to avoid the risk of cooling system tube puncture.

NOTE: The drill bit may remove the broken bolt by turning it out through the back of the evaporator mounting plate.

3. Try to turn a #1 screw extractor into the broken bolt and remove it.
  - If you can remove the broken bolt, put a replacement freezer bolt back in the same location.
  - Use only a Norcold replacement freezer bolt (Part Number 620290). Phone (800) 543-1219 to order the replacement freezer bolt from Norcold Customer Service.
  - If you cannot remove the broken bolt, do Procedure #3.

### Procedure #3

1. For your personal safety, wear protective rubber gloves and a face shield or goggles.
2. Using a non-sparking air-powered drill and an 11/64 bit, drill a new hole for the replacement bolt:
  - Make sure the new hole is against the existing bolt.



- Drill the new hole at exactly the same height as the existing bolt.
    - Drill the new hole **no more than 3/16 inch** to the right or to the left of the existing bolt.
  - Drill the new hole **no more than 1/2 inch deep** to avoid the risk of cooling system tube puncture.
3. Install the replacement bolt and washer:
    - Tighten the replacement bolt to a torque of 50 in. lbs.
    - Use only a Norcold replacement freezer bolt (Part Number 620290) and washer (Part Number 617773).
    - Phone (800) 543-1219 to order the replacement freezer bolt and washer from Norcold Customer Service.

NOTE: If you cannot replace the broken freezer bolt using these instructions, please phone Norcold Customer Service at (800) 543-1219.