

# NEWMAR CORPORATION WARRANTY DEPARTMENT

<b>TECHNICAL SERVICE BULLETIN</b>											
DATE ISSUED	MODEL YEAR(S) AFFECTED			MODEL(S) AFFECTED			TSB #				
June 26, 2007	All with Norcold 1200 series Refrigerator			As outlined below			320				
BRAND						TYPE					
All	<input checked="" type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input type="checkbox"/>	All	<input checked="" type="checkbox"/>	T T	<input type="checkbox"/>		
		Dutch Star	<input type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	FW	<input type="checkbox"/>	CA	<input type="checkbox"/>		
		Kountry Star	<input type="checkbox"/>	Essex	<input type="checkbox"/>	DP	<input type="checkbox"/>	DB	<input type="checkbox"/>		
Scottsdale	<input type="checkbox"/>	Northern Star	<input type="checkbox"/>	London Aire	<input type="checkbox"/>						
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Air Conditioning &amp; Heating  <input checked="" type="checkbox"/> Appliances &amp; Accessories  <input type="checkbox"/> Cabinets &amp; Furniture  <input type="checkbox"/> Chassis Components  <input type="checkbox"/> Construction Components                 </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Electrical Components  <input type="checkbox"/> Exterior Components  <input type="checkbox"/> Interior Components  <input type="checkbox"/> Plumbing &amp; Bath Components  <input type="checkbox"/> Windows, Awnings, Vents, &amp; Doors                 </td> </tr> </table>										<input type="checkbox"/> Air Conditioning & Heating <input checked="" type="checkbox"/> Appliances & Accessories <input type="checkbox"/> Cabinets & Furniture <input type="checkbox"/> Chassis Components <input type="checkbox"/> Construction Components	<input type="checkbox"/> Electrical Components <input type="checkbox"/> Exterior Components <input type="checkbox"/> Interior Components <input type="checkbox"/> Plumbing & Bath Components <input type="checkbox"/> Windows, Awnings, Vents, & Doors
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DESCRIPTION OF PROBLEM											
<p>Norcold has issued a Technical Service Bulletin outlining a shim kit to allow for refrigerator door adjustment on Norcold 1200 series refrigerator.</p>											
RECOMMENDED SOLUTION											
<p>Review attached information provided by the vendor (Norcold) and follow directions to address issues as described. Any questions regarding this TSB should be addressed to Norcold at 1-800-444-7210 or on the internet at <a href="http://www.norcold.com/cda">www.norcold.com/cda</a>.</p>											

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.



# Door Hinge Shim Service Kit 625129

## Models 1200LR/1200LRIM/1201LRIM

### Purpose

The purpose of this kit is to provide the necessary parts and procedure to readjust both of the lower food compartment doors on a NORCOLD 1200 Series Refrigerator.

### Service Kit and Procedure

Before attempting to install this kit:

- Read this information thoroughly.
- Locate all of the described components on each door's hinge assembly.
- Make sure the kit is complete. This kit, P/N 625129, contains:
  - ✓ Installation Instructions, P/N 625128.
  - ✓ (2) Lower hinge metal reinforcement plates, P/N 624505.
  - ✓ (2) Plastic washers (black), P/N 624722.
  - ✓ (2) Adhesive shims (white), P/N 624701.

### Tools and Materials

The following tools and materials are needed to install this kit but are not included:

- 1/4 in. flat blade screwdriver.
- 5/16 in. nut driver.
- Threadlocking compound, semipermanent type (such as Loc-tite 222 [blue]).
- Standard #2 Philips head screwdriver.

### Procedure

1. Turn refrigerator OFF.
2. Empty all the lower door bins to lighten load on door.
3. Remove the left or right lower food compartment door:
  - a. Remove hinge pin while holding the door closed.
  - b. Pull the door out to clear the lower hinge, then lower the door to free it from its upper hinge pin.
4. Remove the lower hinge. The hinge is attached by three 5/16 in. hexhead bolts.

**NOTE:** If the hinge is bent, replace the hinge.

5. Clean the surface that was covered by the hinge. Allow the surface to dry completely before continuing.
6. Install the adhesive shim (P/N 624701):
  - a. Peel off the adhesive backing.
  - b. Install the shim adhesive side down as shown in Figure 1.
  - c. Press the shim firmly into place for a few seconds.

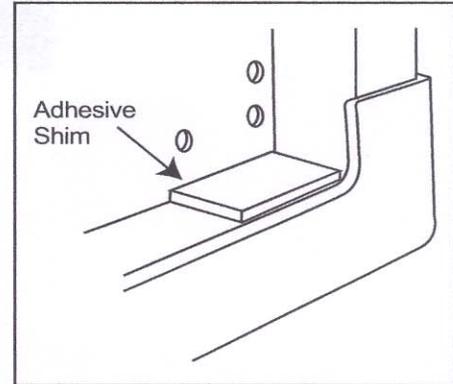


Figure 1. Shim placement (on both sides of cabinet)

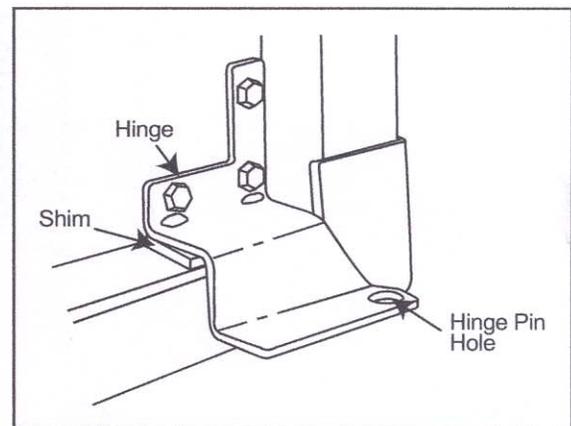


Figure 2. Hinge installation (on both sides of cabinet)

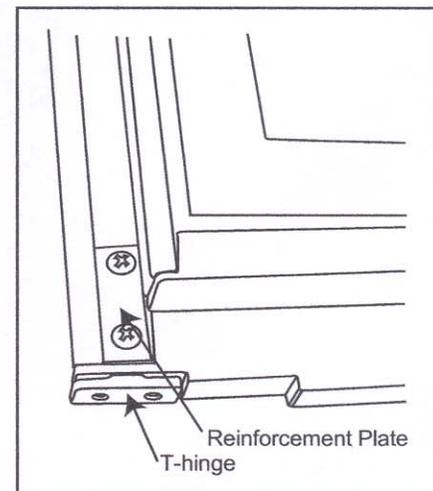


Figure 3. Reinforcement plate position (on both doors)

7. Reinstall the hinge onto the cabinet. See Figure 2.
8. Install the metal reinforcement plate. See Figure 3.
  - a. Remove the two Philips head screws from the lower corner of the door at the T-hinge.
  - b. Orient the reinforcement plate so that the side with the holes closer to the edge is closer to the center of the door.
  - c. Install the plate aligning the plate's holes with the screw holes.
  - d. Reinstall the screws.
9. Install the door onto the upper hinge.

**CAUTION!**

Hold the door firmly against the cabinet during reinstallation! Without the hinge pin installed the door can fall and may cause personal injury or property damage.

10. Mount the door on the lower hinge in the closed position.
11. Insert the tip of a 1/4 in. size flat blade screwdriver as shown in Figure 4.
12. Apply slight downward pressure on the screwdriver to hold open a slight gap between the hinge and the door. See Figure 4.
13. Insert the plastic washer and center it on the existing bushing at the hinge pin hole. See Figure 4.
14. Remove the screwdriver to close the gap. Make sure the plastic washer stays in place.

**WARNING!**

Do not install the hinge pin without applying threadlocking compound to the threads! The threadlocking compound prevents the hinge pin from loosening and falling out. Not applying this compound could cause the hinge pin to unthread and the door to fall off the hinge, which may cause personal injury and/or property damage.

15. Apply a drop of threadlocking compound to the hinge pin threads. See Figure 5a.

**CAUTION!**

Do not overtighten the hinge pin! Overtightening the hinge pin can cause the threads to strip.

16. Install the hinge pin. See figure 5b. It may be necessary to slightly move the lower end of the door or the plastic shim to align the hinge pin to the mounting plate threads. *Do not overtighten the hinge pin!*
17. Repeat steps 2 through 16 to adjust the remaining door.
18. Turn refrigerator ON after both doors have been adjusted.

**Technical Assistance:**

Please contact NORCOLD Technical Assistance if further assistance is needed to complete this procedure:

- Telephone: 1-800-444-7210
- World Wide Web: [www.norcold.com/cda](http://www.norcold.com/cda)

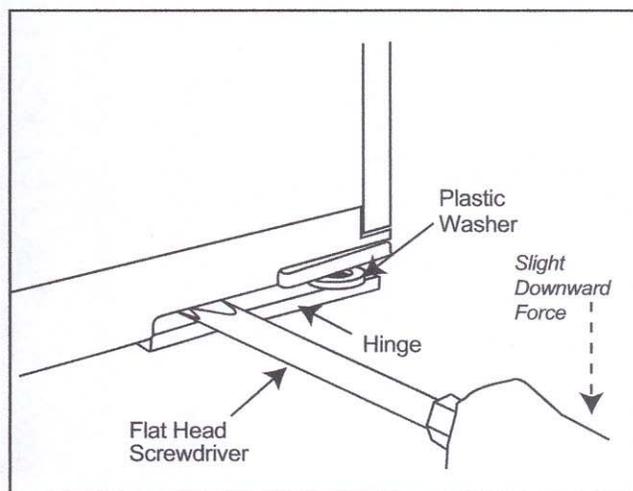


Figure 4. Plastic washer insertion (on both doors)

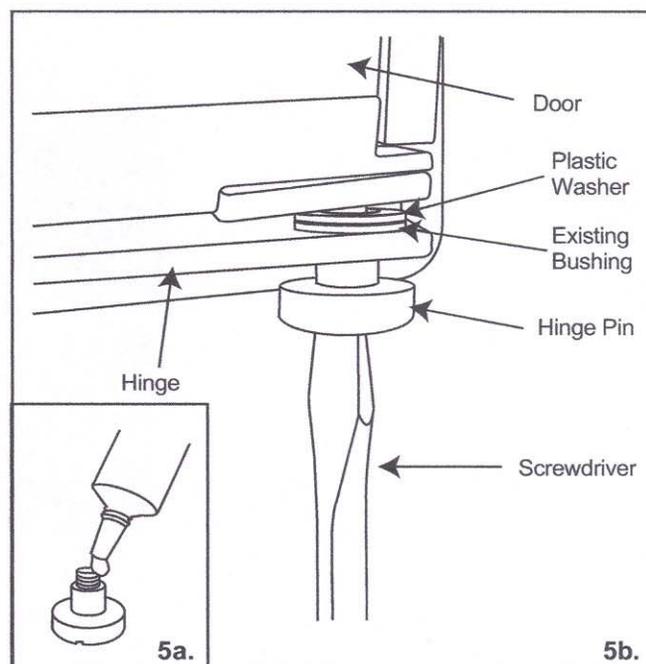


Figure 5a. Threadlocker application (on both pins)  
Figure 5b. Hinge pin installation (on both doors)