

Bally Walk-in Door Hinge Field Replacement

The hinges on Bally Walk-in doors are designed for many years of trouble-free service. These spring loaded, self closing hinges will operate smoothly if the door has been installed according to the Bally Walk-in Installation manual.

Pre-Checks:

Our experience has indicated the hinges are often replaced needlessly due to erroneous diagnosis. If a walk-in door fails to close automatically, service persons should make the following installation checks before replacing the hinges:

- 1.) Make sure the door does not drag during any part of its movement. Any catching of the door must be corrected. The door panel must be level and plumb for the door to operate properly.
- 2.) Check the wiper gasket to make sure there is no excessive drag on the stepplate. The wiper gasket should just touch the stepplate when door is closed.
- 3.) Excessive dirt and grease will cause the hinge to operate improperly. Clean the hinge with silicone spary to remove dirt and grease from hinnges. NEVER OIL HINGES.

If the door still does not close automatically after making the suggested checks and corrections, it may be necessary to replace the existing hinges with Bally's D-125 Hinges.

Hinge Installation:

- 1.) Make sure the door is plumb and level. A common cause of hinge failure is an improperly hung door.
- 2.) With the door closed (securely latched), install shims as illustrated in Figure 1.
- 3.) Remove the 1/4-20 screws from the top hinge only. The bottom hinge and magnetic gasket will hold the door in place (See Figure 2 if tamperproof screws have used to fasten hinge).
- 4.) Position and fasten the new D-125 hinge using the existing holes on the door panel (when replacing an older style D-49 door hinge, it will be necessary to drill and tap for a 1/4-20 screw for the top hole for the base). Fasten the hinge base to the door panel first, then fasten the blade to the door cap.
- 5.) Repeat steps 3 and 4 for any other hinges being replaced.
- 6.) Remove all shims and check the operation of the door. If the door fails to close itself, check door using suggestions described in steps 1, 2 and 3.

