

The **Alrex by PBB** stainless steel hydraulic hinge is designed to be maintenance free and provide one of the following two functions:

1. provides Hold Open (H) function when opened beyond 85 degrees with adjustable closing and locking speed. Not Standard-call
2. provides Standard Full Close (S) with automatic closing from 175 degrees with adjustable closing and locking speed.

Both hydraulic hinge types are adjusted the same.

Installation Instructions (packaged as a set)

Install all hinges in standard hinge cut-outs before beginning adjustments. Note Handing and Top orientation.

Standard package contains a set of (2) hydraulic hinges and (1) dummy hinge. Hydraulic must be installed top and bottom, dummy hinge is in the middle. (Heavier or taller doors may require 3 or 4 hydraulic hinges). Make sure to always have hydraulic hinges in top and bottom hinge locations at minimum.

*****ALREX by PBB HINGES ARE HANDED FOR LEFT HAND OR RIGHT HAND DOORS*****

Hinges are packaged as Right or Left door opening. Due to the patented operating system of the AlRex by PBB hydraulic hinge, it is necessary that the hinge opening direction matches the door opening direction. **Failure to follow these instructions will prevent the hinge from operating properly.**

Operation and Adjustments

Hinges are preset for a typical 3' x 7' door. Once all hinges are installed, open the door and allow the door to close in order to determine the initial closing and latching speed.

Fig. 1 - **Step 1:** Remove dust plug and insert the enclosed tool into the top of the hinge turning clockwise in full turn increments, to adjust the closing speed (Force Adjusting). **Step 2:** Adjust the top hinge first, then adjust the bottom hinge making sure all hydraulic hinges ***are set to the same adjustment*** (use the gauge on the tool to assure equal adjustment). **Step 3:** Continue adjusting equally until the desired closing speed is achieved. **Step 4:** Once adjusted as desired re-insert dust plug and move to the hydraulic adjustment process (Bottom of the hydraulic hinge- See below)

Fig. 2 - **Step 1:** To adjust the hydraulic locking speed (Speed Adjusting) insert the tool into the bottom of ***each*** hydraulic hinge turning **counterclockwise** in half turn increments. **Step 2:** Continue making equal adjustments until the desired locking speed is achieved. **Be sure that hydraulic hinges are adjusted the same amount (use the gauge on the tool to assure equal adjustment).**

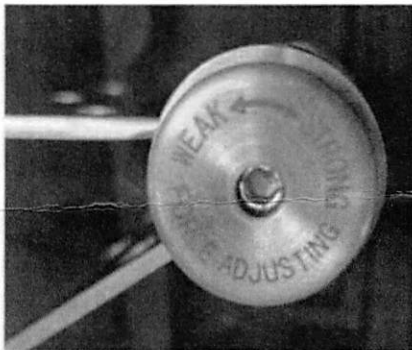


FIG. 1

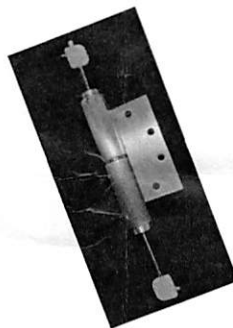


FIG. 2



PRO-TIPS: if you're struggling with adjustments, it is likely because the hinges aren't adjusted the same from hinge to hinge. You can "reset" the opening by turning the top adjustment (FIG.1) all the way to the "STRONG" location and turning the bottom location all the way to the "FAST" location on ALL HINGES. From here you should be able to back down each adjustment until you achieve the force and speed desired. Most adjustment issues are because all the hinges on the opening are not adjusted to the same force and speed.