

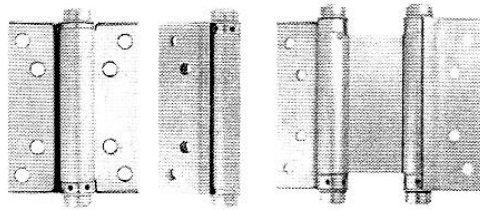


Installation Guide of Action hinge

1. Installation Procedures

Verify that the spring tension is released on the action hinge to be installed. These hinges are typically sold in a non-tension or "neutral" tension position. The spring tension can be released by clamping the hinge to the door edge and using a tension lever in the adjustment ring holes. Move the ring until the tension pin can be removed to release the tension.

2. Adjusting the Spring Torque for single or double action hinge



- A. Place the door in the closed position.
- B. Insert Tension Lever Tool in right hand hole in the adjustment slot. (see FIGURE 1)
- C. Rotate Tension Lever Tool to the left and insert Tension Pin loosely in the right of Tension Lever Tool. (see FIGURE 2)
- D. Release Tension Lever Tool until Tension Pin contacts the right hand side of the Adjustment Slot.
- E. Remove Tension Lever Tool and check the door for closing force. If desired closing force is not achieved repeat steps A to E until closing force is satisfactory.
- F. When all the hinges have been adjusted to close the door properly, drive the Tension Pin flush with the hinge tube (Hinge Barrel).

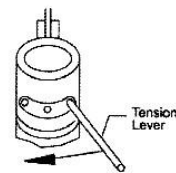


FIGURE 1

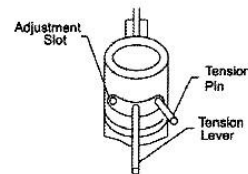


FIGURE 2

Caution Notes: Most Adjustable Single Action Spring Hinges you should NOT exceed three (3) holes tension for 180 degrees door opening or four (4) holes tension for 90 degrees door opening. Always install hinges with the tension adjustment up.