

Installation Instructions for Adjustable Tension Spring Hinge

Use 3-1/2" spring hinge for 1-3/8" doors, maximum 2' 8" wide x 7high.

Use 4" or 4-1/2" spring hinges for 1-3/4" thick doors, maximum 3' wide x 7high.

Doors over 5' high require three hinges. At least two of the three must be spring hinges.

The maximum door size and number of spring hinges required are based on limits set forth in code 80 of the National Fire Protection Agency. For maximum versatility use all spring hinges.

Always turn allen wrench to the left (clockwise), regardless of right-hand or left-hand applications.

Note: Adjust spring hinges to minimum tension required to close the door. Overtensioning will reduce spring life.

Installation: Mount hinge adjustment end up, as shown.

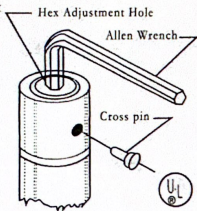
1. Place door in closed position. Insert allen wrench in hex adjustment hole as shown.

2. Turn allen wrench left (clockwise) to desired spring tension. Observe caution below.

3. Insert cross pin when holes in center stud and hinge knuckle line up. Slowly release pressure on allen wrench.

4. Remove allen wrench and test closing action of door. Repeat steps 1-4, if necessary, to increase spring tension.

5. To make tension adjustment tamperproof, snip off cross pin at break-away head. Do not remove head if future adjustment may be needed.



Caution: Do not exceed three holes of tension for doors opening 180°. Do not exceed four holes of tension for doors opening 90°.