

Phillips Swinging Door Hinge Model 1500

Installation Instructions

This pivoting hinge is designed for interior doors between 1 1/4" and 1 3/4" thickness, with a maximum weight of 70 lbs.

Please Note: a swing door can not be mounted in a door frame with an applied or integral stop. Installation is only possible on a flat door jamb.

This exclusive design allows the door to stop in position at 0, 88, and 116 degrees in either direction. A unique alignment adjustment screw enables you to center the door in its frame after installation, if needed.

Diagrams are not drawn to scale.



HOUSE OF ANTIQUE HARDWARE

Required Tools:

Phillips Head Screw Drivers

1/2" Drill Bit

3/32" Drill Bit

Hand saw or jig saw

Planer

Plumb line

1 Preparing the Door

Plane the edge of the door the hinge will be installed against to a radius of 1 1/2". If required, plane opposite edge of door as well.

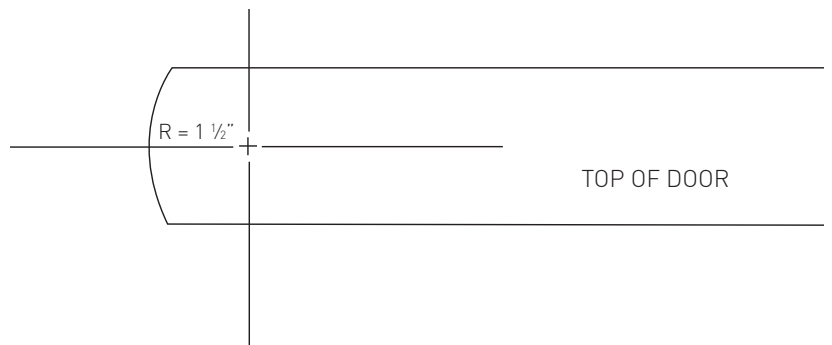
When the door is installed the following clearances must be in place for the door to operate properly:

Top of door to frame: 3/16"

Bottom of door to floor: 5/8"

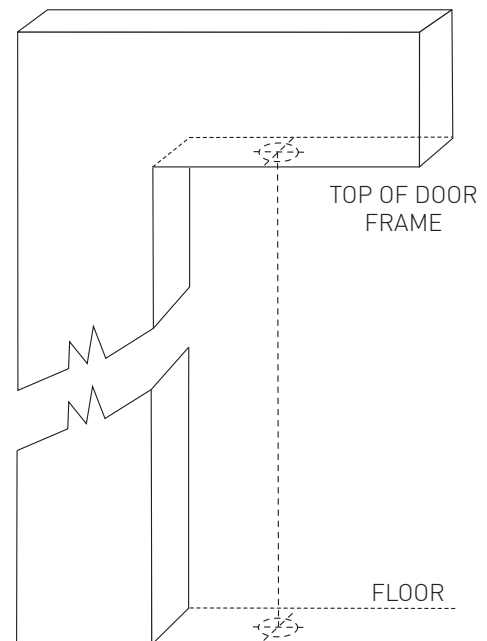
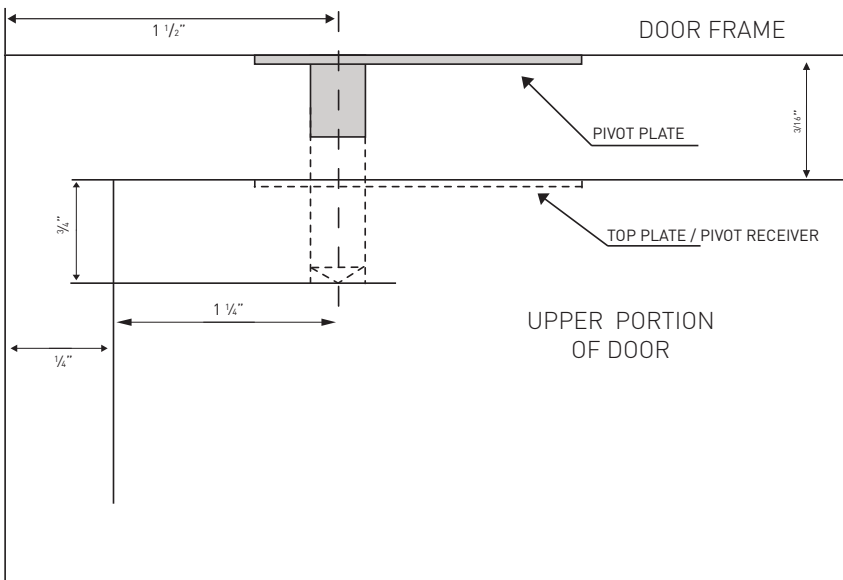
Hinge edge of door to frame: 1/4"

Non-hinge edge of door to frame: 3/16"



2a Installing the Pivot & Pivot Receiver

Following the diagram below, attach the pivot to the top of the door frame and the pivot receiver to the top of the door.

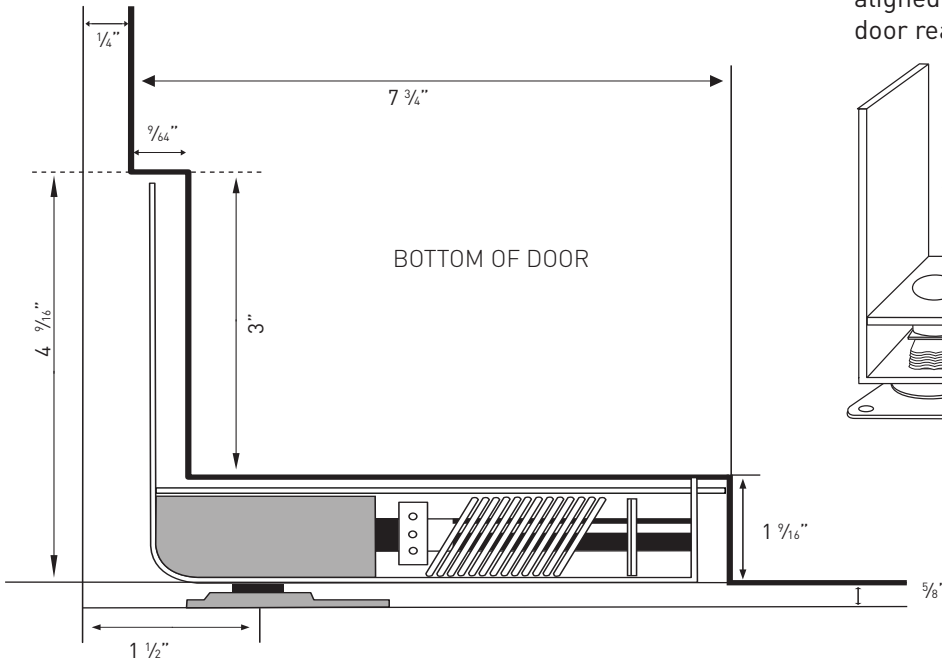


2b Establish Vertical Alignment

Using a plumb line, establish the alignment of the pivot mounted to top of door frame with the center point of the hinge pivot to be mounted on the floor below.

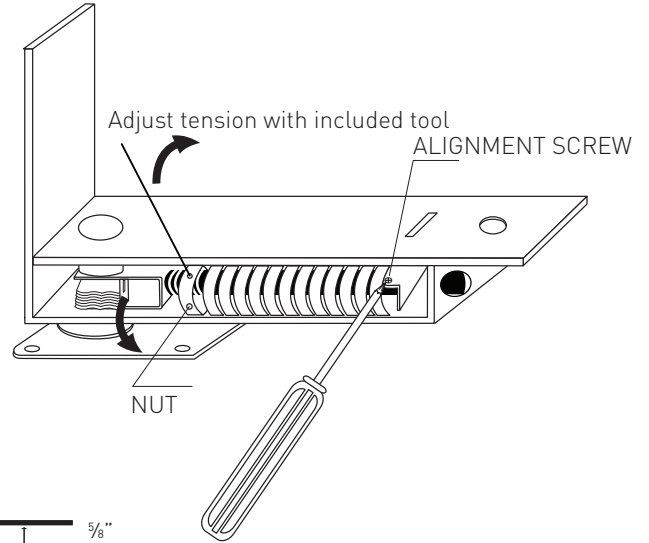
3 Installing the Spring Hinge Mechanism

Following the diagram below, notch the bottom edge of the door to accommodate the spring hinge mechanism. Mark and pre-drill screw holes, then firmly attach hinge to the door with the included screws.



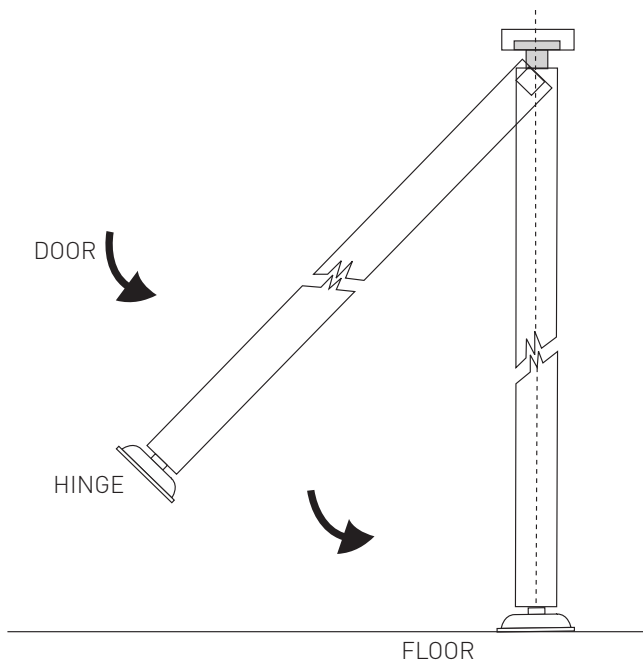
5 Adjust Speed of Swing/Alignment

Depending on the weight of the door, you may wish to adjust the tension on the spring, to increase or decrease the speed with which the door swings. Adjust the tension by turning the nut either direction with the included rod (see diagram). If the door is not aligned, turn alignment screw as needed until the door reaches the proper position.



4 Mounting the Door in the Frame

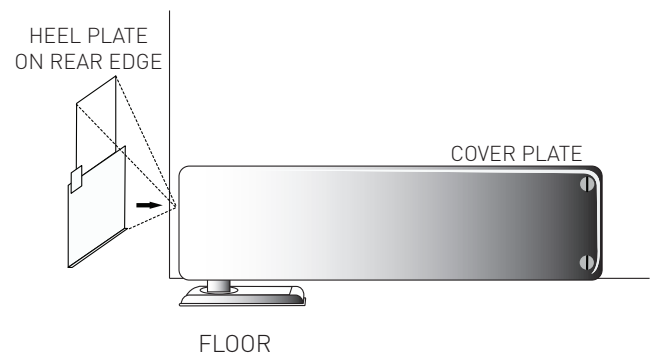
Tip door to align pivot plate on jamb with receiver on top of door and insert pivot. Center floor mounting plate in frame and pre-drill screw holes. Firmly attach bottom plate to the floor with the attached screws.



6 Install Cover Plates

Install the heel plate on the rear edge of the door, followed by the cover plates for each face of the door. With this, installation of the door is complete.

A push-plate, which protects the surface of the door where it is typically pushed, may be mounted mid-way up the door if desired (purchase push-plates separately).



If you have installation questions, please call House of Antique Hardware at 888-223-2545 and ask to speak with a Hardware Specialist. We can be reached M-F, 7:30 AM - 5:30 PM, Pacific Time.