

# Nxtwall Installation Instruction

## Installation Scenario:

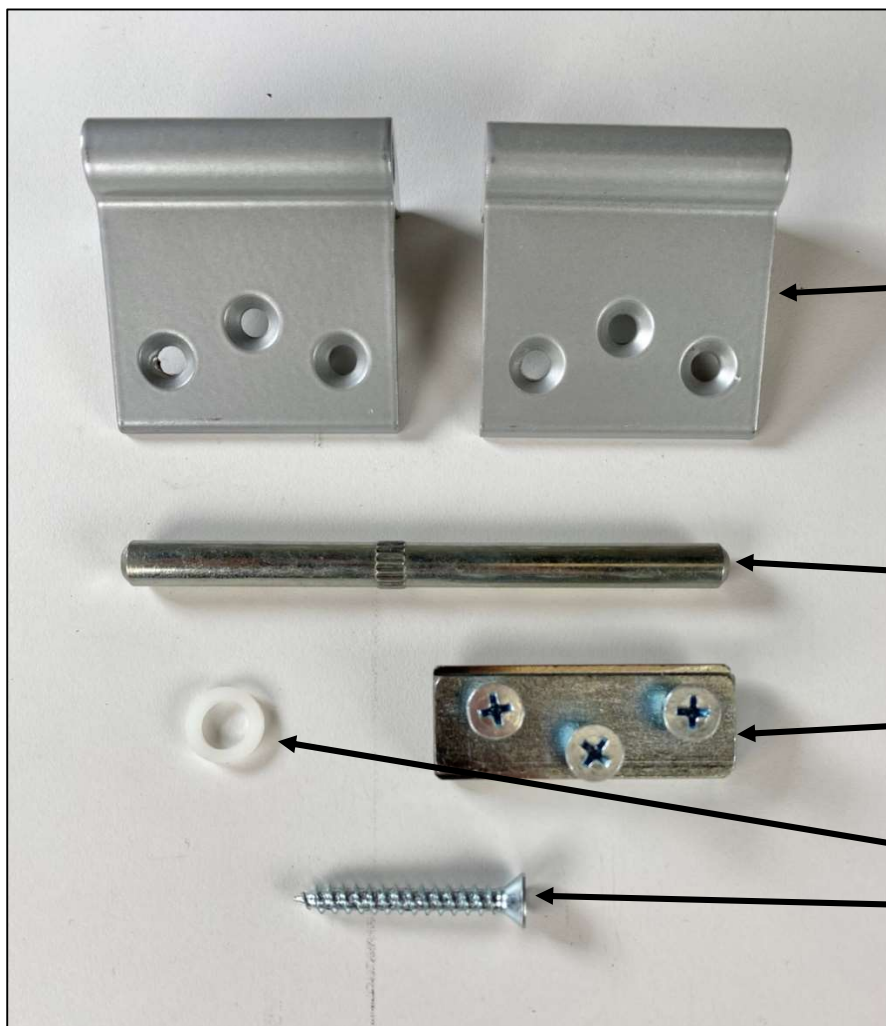
Nxtwall Hinge Installation on 1 ¾" Door.  
Applies to Wood Doors or Aluminum  
Framed Glass Doors.

## Nxtwall Components Covered by this Instruction:

- Nxtwall Hinge
- Door Jamb

## Recommended Installation Tools:

- Drill
- Phillips Screwdriver
- Shims (Adjusting Door Height)



There will be 3-4 Hinge Kits per door. The quantity is dependent on the height of the door.

Hinge Halve (Qty. 2)

Hinge Pin

Backing Plate

Bushing

Hinge Attach Screw (Qty. 3)

Nxtwall Hinge Kit Components

# Nxtwall Installation Instruction

When installing Nxtwall Hinges for a 1 3/4" Door one half of the hinge will be pre-assembled with a hinge pin and installed onto the door jamb. The other half will be attached directly to the door.

## Nxtwall Hinge Installation: Hinge Assembly for Door Jamb

1. Determine the hinge pin orientation based on the swing of the door.
  - a. Place the hinge half on the door jamb. Fig. 1.
  - b. Insert the hinge pin into the hinge half so the hinge pin is pointed up towards the door header. Fig. 2.
  - c. When the door is installed the hinge pin will slide into the hinge half on the door.
2. Install hinge pin into the hinge half.
  - a. Important: The hinge pin has a knurling which is not centered. There is a long side and a short side to the hinge pin. The short side will be installed into the hinge half. Fig. 3.
  - b. Use a hammer to drive the hinge pin into the hinge half.
  - c. Drive pin into hinge until the hinge pin is flush with the bottom of the hinge half.

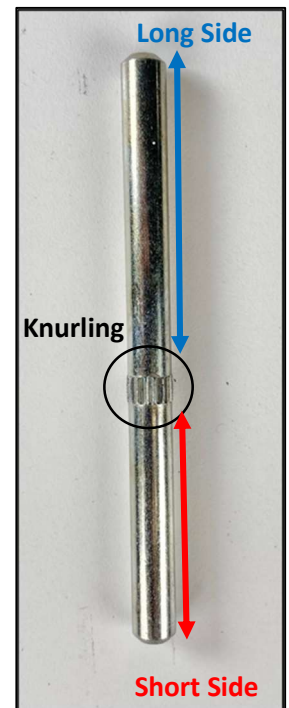
Fig. 1



Fig. 2



Fig. 3



# Nxtwall Installation Instruction

3. Install hinge backing plate into the door jamb in the orientation shown in Fig. 4.
4. Align the holes of the hinge half with the holes in the backing plate. Install the three set screws. Fig. 5.
  - a. With the set screws installed it will allow the hinge to slide up and/or down the door jamb.
5. Install the bushing onto the hinge pin. Fig. 5.
6. Installation complete. Repeat process for the other hinges.

Fig. 4



Fig. 5



# Nxtwall Installation Instruction

## Nxtwall Hinge Installation: Hinge Installation on Door

1. Determine the side of the door the hinges will be installed on.
  - a. The hinges will need to be orientated correctly to allow the door to open and close properly.
2. To help determine the side the hinges need to be on first verify the bottom section of the door. This can be determined by measuring the handle cutout location. The center of the handle will be 41" to center from the bottom of the door.
  - a. For Right Hand swing doors the lobe portion of the hinge will be on the Right side of the door when door is standing. Fig. 6.
  - b. For Left Hand swing doors the lobe portion of the hinge will be on the left side of the door when door is standing. Fig. 7.
3. Determine the hinge spacing.
  - a. Factor in the quantity of hinges needed for the door, i.e. 3 sets or 4 sets per door. Evenly space the hinges on the door.
  - b. See page 7 for hinge spacing for a standard height door (83 5/8" Height).
  - c. See page 8 for non-standard height doors.

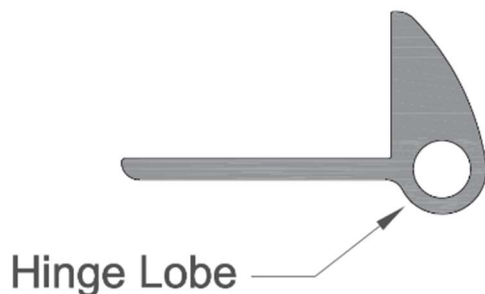
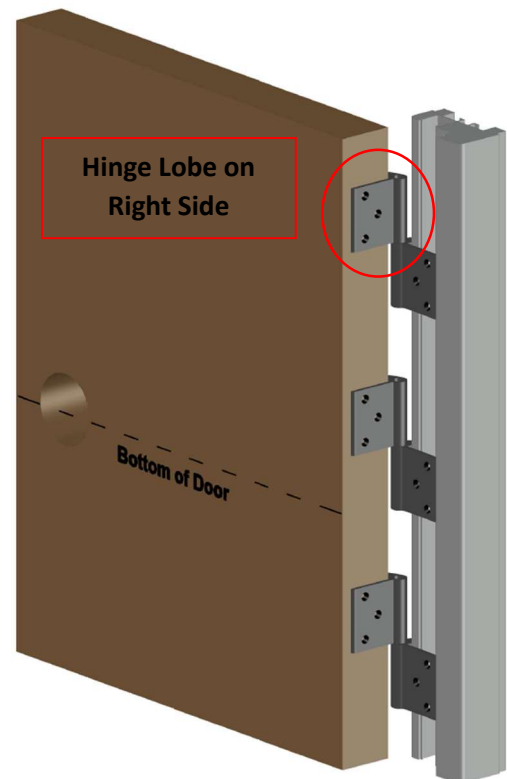
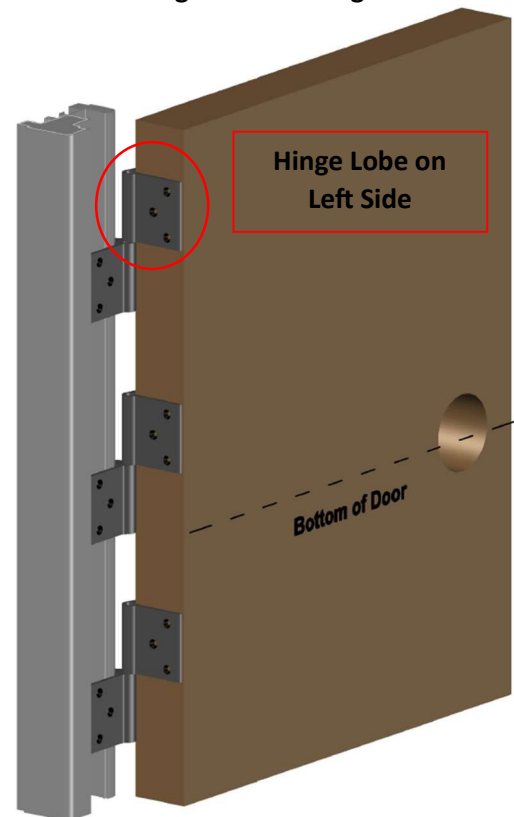


Fig. 6



Right Hand Swing Door

Fig. 7



Left Hand Swing Door

# Nxtwall Installation Instruction

4. Place hinge on the door.
  - a. Make sure the hinge is tight to the door. Fig. 8.
5. Pre-drill holes through the center of the holes in the hinge using a 5/32" drill bit.
6. Install the three hinge attaching screws.
7. Repeat process for the other hinges.

Fig. 8



## Nxtwall Hinge Installation: Door Installation

1. Place the door near the door jamb.
2. Align the hinges on the door with the hinges on the door jamb. Fig. 9.
3. Loosen the set screws on the hinges in the door jamb and slide the hinge pins into the hinges on the door. Fig. 10.
4. Tighten one set screw on each hinge to secure the hinges in place.
  - a. Remaining set screws to be tightened once door height has been adjusted.

Fig. 9

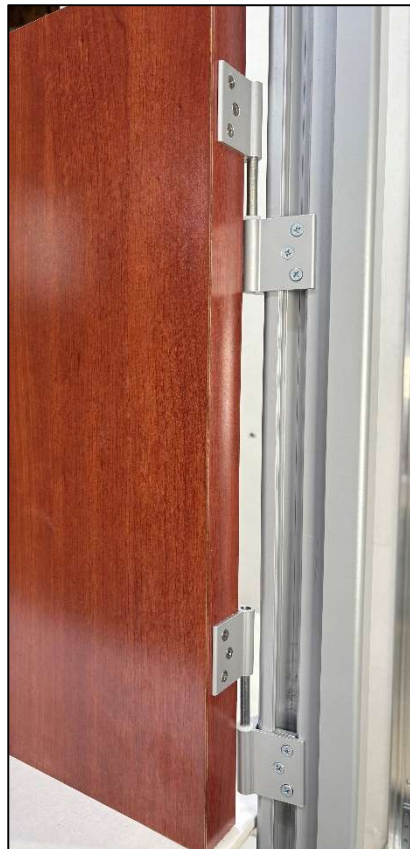


Fig. 10



# Nxtwall Installation Instruction

## Nxtwall Hinge Installation: Door Height Adjustment

The door height calculation allows for a 1/2" gap between the bottom of the door and the floor and a 1/4" gap between the top of the door and the inside of the header.

1. Lift the door to the height needed and place a shim under the door. Fig. 11.
  - a. The hinge on the door jamb will be inside the hinge on the door.
2. With the door at the correct height loosen the set screw on one hinge in the door jamb and slide the hinge pin into the hinge on the door. Fig. 12.
3. Tighten all three set screws.
4. Repeat process for all other hinges.
5. With all set screws tight remove the shim from under the door and operate the door.
6. Installation complete.

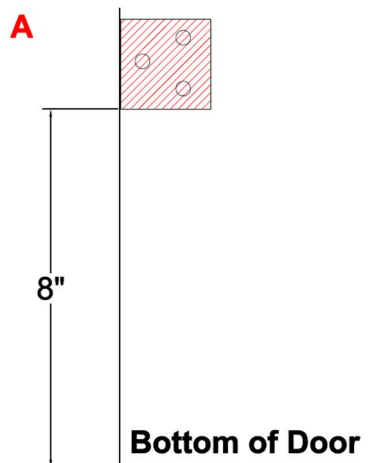
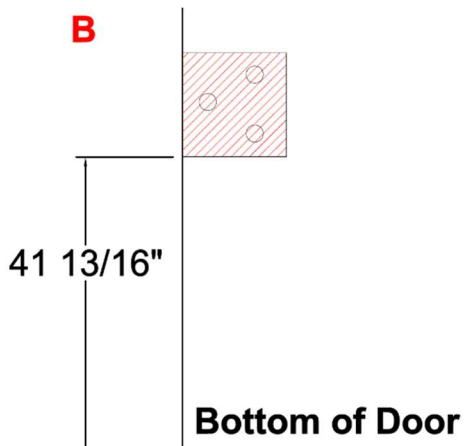
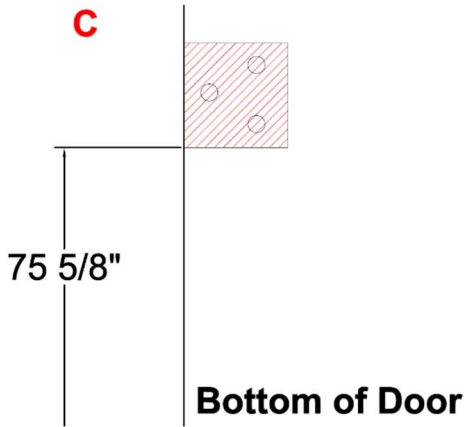
Fig. 11



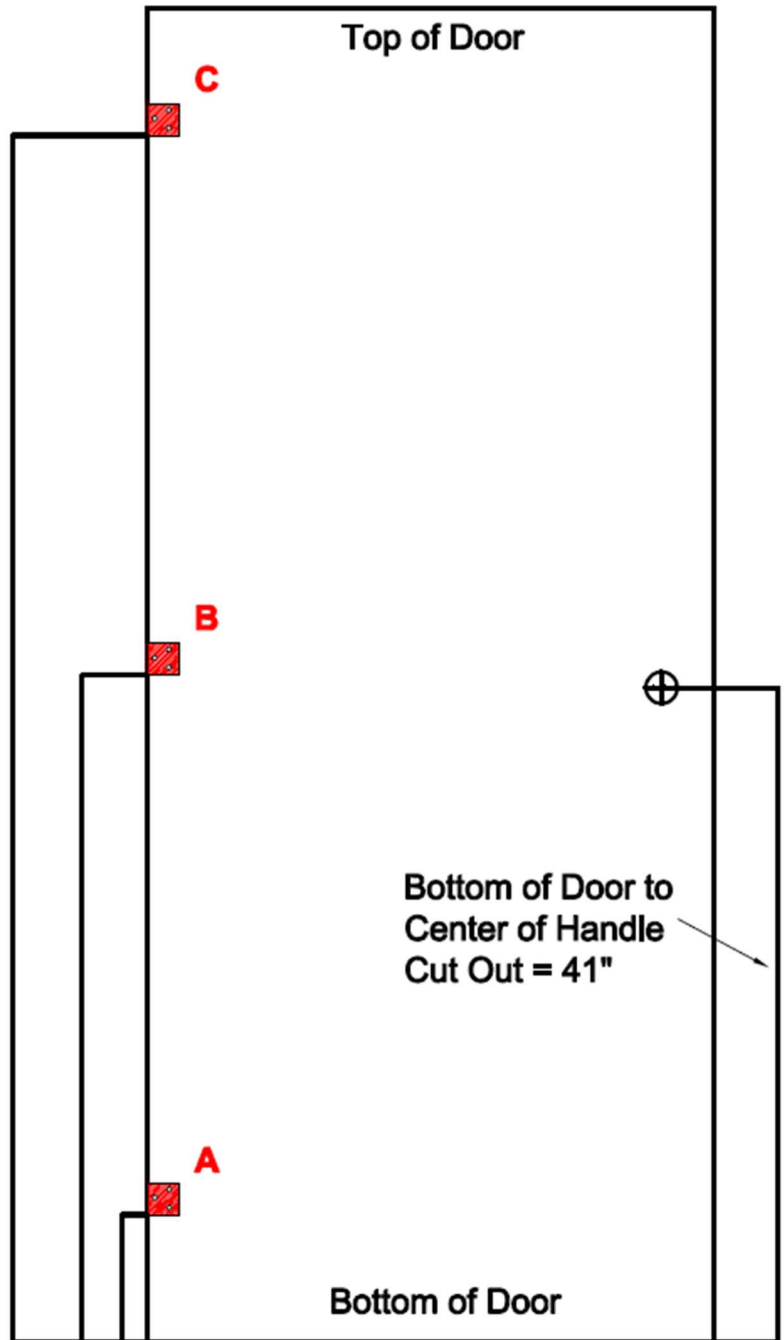
Fig. 12



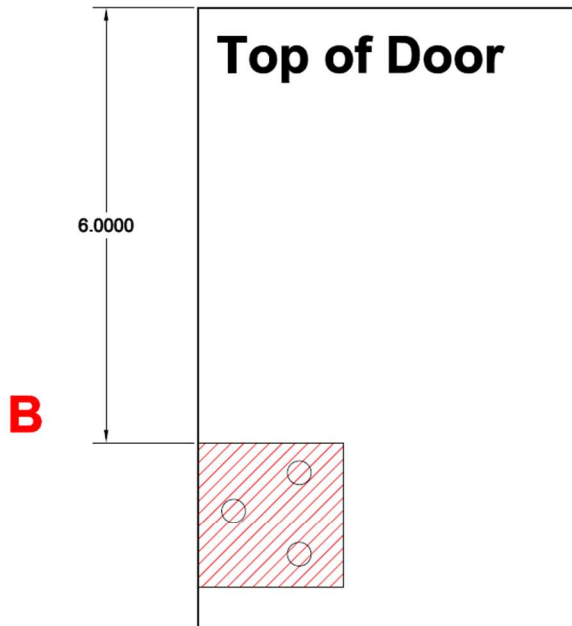
# Nxtwall Installation Instruction



## Standard Height Door Hinge Locations Door Dimensions: 35 5/8" x 83 5/8"



# Nxtwall Installation Instruction



**Full Height Door Hinge Locations**  
**\*\*Top and Bottom Hinges Only\*\***  
Remaining Hinge Locations to be Evenly Spaced on Door

