

For
Assistance
Call:

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8 am - 5 pm, Monday - Friday, MST

Door Hardware Installation Instructions Rosette Passage and Privacy

Carefully unpackage all components and place them within easy reach. Find **Figure #1** on Page 4 of these instructions for a listing and drawing of each component. Detach **Figure #1** and place beside the components for easy reference. Check your door to see if it has been prepped (pre-drilled) for installing a lock. If your door has already been prepped for installation, start at Step 4. If your door has not been prepped for installation, you will need a #2 Phillips screwdriver, a drill, a 2-1/8" hole saw, a 7/64" drill bit, a 1" drill bit, chisel, pencil, tape and an awl (or nail).

Step 1 Mark the Door

- Locate the **Door Preparation Template** that is included with the instructions. Fold the template along the "edge-of-door" line. **Important:** Before positioning the template, make sure that you are aligning it on the **non-hinged edge of the door**. Carefully position the template so that the narrow portion of the template wraps around the edge of the door, and the large portion of the template remains on the face of the door, see **Figure #2**. The centerline indicates the center of where the knob or lever will be located. Slide the template up or down on your door so that the horizontal centerline is located at a height that is both comfortable to use and attractive in appearance. Typically this will be approximately 36"-38" from the floor, see **Figure #2**. Once you have chosen the height, tape the template to the door.
- The backset is the distance from the edge of the door to the center of the rosette. Standard backsets are 2-3/8" and 2-3/4". Determine the backset of your latch (Part #5), by checking the marking on the latch itself (if marked, it will say 2-3/8" or 2-3/4"). If the latch is not marked, measure the latch between points A and B to determine the backset, as shown in **Figure #2**. Once you know your backset, find the point on the template where the centerline crosses the vertical line that corresponds with the correct backset. Using the awl (or nail) mark this point, making sure that it is marked well enough to see on the door once the template is removed.
- Follow the centerline around the edge of the door and using a pencil, extend the centerline onto the edge of the door. The mark should be parallel to the floor. Once this mark is made, you may remove the template from the door.

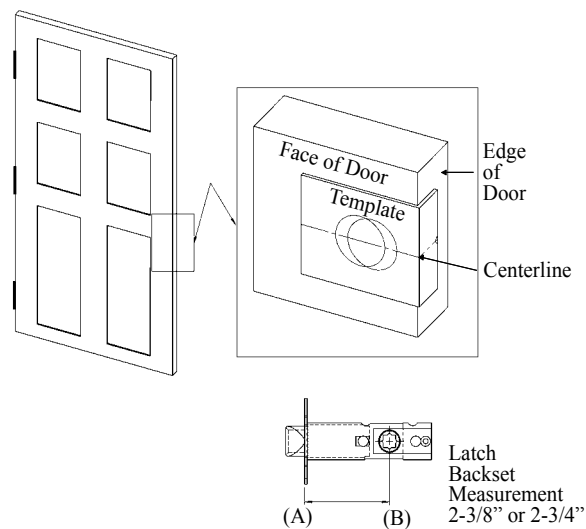


Figure #2

- Doors vary in thickness depending on the manufacturer. At the edge of the door, measure the thickness of the door. Then, determine the distance to the center to the edge of the door (half the thickness of the door). Using the awl (or nail), mark a point on the edge of the door where the centerline pencil mark (from Step 1C) and the center of the edge of the door meet (half the thickness), see **Figure #3**.

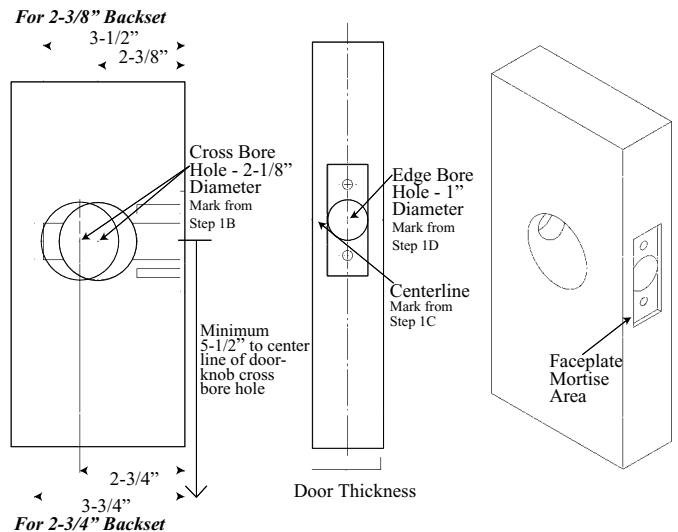


Figure #3

Step 2 Drill the Door

- Using the 2-1/8" hole saw, drill the cross bore hole centered on the mark made on the face of the door from Step 1B. See **Figure #3**. **Important:** To avoid splintering or marring the door, drill from one side of the door until the pilot bit comes through the door. Then finish drilling from the other side of the door, using the hole made by the pilot bit as your guide until the cross bore hole is complete.
- Using the 1" bit, drill the edge bore hole centered on the mark made on the edge of the door where the centerline and center thickness met from Step 1D, see **Figure #3**. **Important:** Make sure that you drill a full 3-1/2" deep, to accommodate the overall length of the 2-3/8" latch. If you are using a 2-3/4" backset latch, then the overall depth must be at least 3-3/4".

Step 3

Mortise for the Faceplate

- A) Using **Figure #1** for reference, find the faceplate (Part #7). On the edge of the door, center the faceplate over the newly drilled edge bore hole, so that the D-shaped hole in the faceplate is centered over the 1" edge bore hole. Align it so that the edges are parallel to the edges of the door and roughly centered side-to-side. Mark around the faceplate with a pencil and remove from door.
- B) Using the chisel, score the outline of the faceplate. Next, chisel away the material within the outline to a depth of 1/8". When you are done, you should be able to insert the latch (part #5), place the faceplate over the latch tongue (Part #5a), and have the faceplate be flush with the edge of the door.
- C) Again, using the faceplate as a template and the awl as a marking tool, mark for the two screws holes that will hold the faceplate on the door. Remove the faceplate from the door to avoid marring the finish. Then, drill the two screw holes using a 7/64" drill bit. Make sure the holes are drilled at least 1" deep. Having too small or too shallow of a hole can cause the screws to shear off.

Installing Your Lock

Step 4

Install the Latch

- A) Once your door is prepped for installation, you will need a #2 Phillips screwdriver for the installation of your latch.
- B) Locate the latch (Part #5) and the anti-rotation block (Part #4). Insert the anti-rotation block in the cross bore hole so that the arrow on the block is pointing toward the edge of the door. Install the latch in the edge bore hole, making sure that it is correctly inserted through the anti-rotation block. When installed correctly, the star-shaped hub in the latch should be centered in the hole of the anti-rotation block, see **Figure #4**. **Privacy function only:** The privacy latch must be inserted into the door so that the locking mechanism (threaded privacy pin hole - Part #5b) is facing the inside of the door, see **Figure #1**.

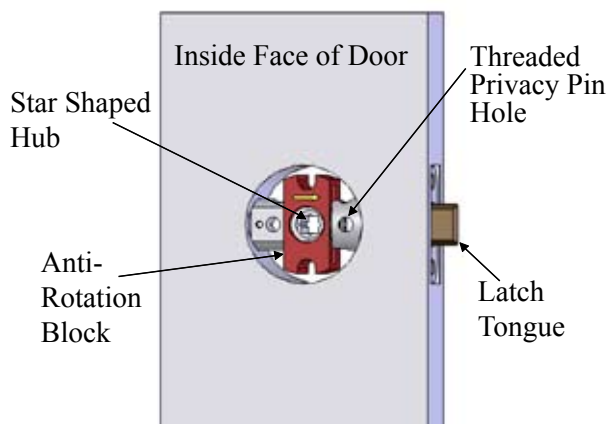


Figure #4

- C) Determine which direction the door will swing when it is being opened. Rotate the latch tongue so that the flat edge of the tongue faces toward the direction the door swings when being opened (and the round edge towards the doorjamb). Once oriented correctly, install the faceplate (Part #7) over the latch tongue (Part #5a), locking the latch tongue orientation. Fasten in place using two 1" wood screws (Part #8) **Hint:** Coating the screw threads with a small amount of soap (liquid or bar soap) will make installation easier.

Step 5

Install the Trim

- A) Using **Figure #1** for reference, gather together the trim half A (Part #1), trim half B (Part #2), 1-1/2" rosette machine screws (Part #3), and Phillips screwdriver.
- B) Find trim half A (Part #1). Place trim half A on the outside of the door, such that the spindle is inserted into the star-shaped hub of the latch and the screw bosses are nested in the top and bottom slots in the anti-rotation block, see **Figure #5**. **Lever designs only:** If installing a lever, see **Figure #6** for correct orientation of lever on the door. If your lever is oriented incorrectly, move it to the other side of the door so it matches the correct orientation in **Figure #6**, before proceeding with installation. **Privacy function only:** Make sure that the privacy hole in the rose is oriented so that it is closest to the edge of the door where the latch tongue sticks out.

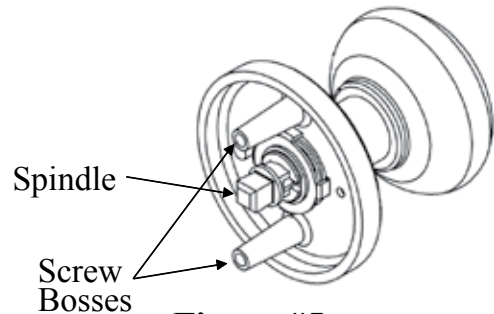


Figure #5

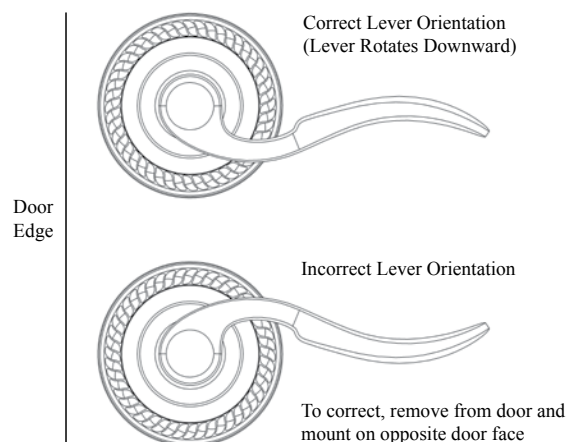


Figure #6

- C) Hold trim half A on the door. Place trim half B (Part #2) on the other side of the door, such that the spindle is inserted into the star-shaped hub of the latch and the screw bosses are nested in the top and bottom slots in the anti-rotation block. Now hold both trim halves in place with one hand. **Privacy function only:** Make sure that the privacy hole in the rose is oriented so that it is closest to the edge of the door where the latch tongue sticks out.
- D) Insert the first 1-1/2" rosette machine screw (Part #3) into the top hole of trim half B and loosely tighten until the screw can hold both halves of the trim on the door. **Important:** Make sure that the screwdriver is held in a way that it will not scratch the knob/lever or rosette.
- E) Insert the second 1-1/2" rosette machine screw into the lower hole and tighten until snug. Tighten down both screws until the rosette is securely attached on the door.
- F) **Privacy function only:** On the interior side of the door, screw in the privacy pin (Part #9) until snug. Do not over-tighten. With the door open, test the privacy lock by pushing the pin in and then trying the knob on the opposite side of the door to see if it is locked. Then turn the knob on the interior side of the door and this will unlock the door.

Step 6

Prepare the Doorjamb and Install the Strike

- A) Using **Figure #1** for reference, gather together the strike (Part #6), two 1" wood screws (Part #8), a drill, 1" drill bit, awl (or nail), a 7/64" drill bit, a pencil and a chisel.
- B) If you are installing a privacy lock, make sure the latch is not locked. Rotate the knob or lever to retract the latch and carefully close the door, making sure that the latch is fully retracted and does not scratch the doorjamb. Slowly release the knob/lever and let the latch tongue extend against the doorjamb.
- C) Using the pencil, lightly mark the doorjamb at the level of the top and bottom of the latch tongue (Part #5a). These need to be light marks, so that they can be erased later if needed. Turn the knob/lever again to retract the latch and re-open the door. Now extend the marks so that they are approximately 1/2" from the edge of the door jamb where the door stops when it is closed, **See Figure #7**.
- D) Repeat Step 6B, and verify that the latch tongue is falling between the two marks.
- E) Measure the thickness of the door. Take half of the door thickness and measure that same distance from the edge of the doorjamb where the door stops when it is closed. Mark on the doorjamb this distance halfway between the two lines from Step 6C, see **Figure #7**.

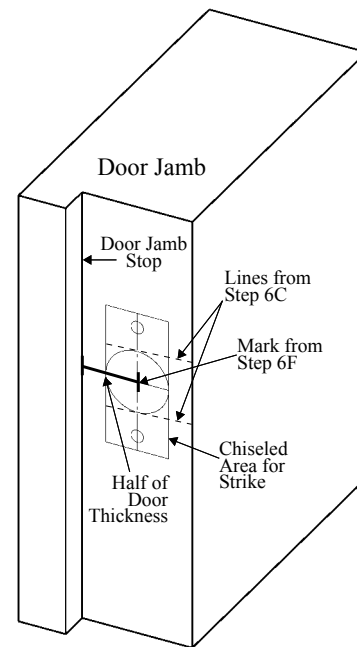


Figure #7

- F) Using the awl, mark where the point that is halfway between the two lines made in Step 6C crosses the line marked in Step 6E.
- G) Using a 1" drill bit, drill a hole centered on the mark from Step 6F. Make sure the hole is at least 5/8" deep. Clean out any sawdust from the hole.
- H) Using the strike (Part #6) as a template, center the strike over the 1" hole, mark a line around it in pencil and remove from doorjamb.
- I) Using the chisel, score the outline of the strike. Next, chisel away the material within the outline to a depth of 1/16". When you are done, you should be able to place the strike in the mortised out area and it should be flush with the doorjamb.
- J) Again, using the strike as a template and the awl as a marking tool, mark the two screws holes that will hold the strike on the door. Remove the strike from the doorjamb to avoid marring the finish. Then, drill the two screw holes using a 7/64" drill bit. Make sure the holes are drilled at least 1" deep. Having too small or too shallow a hole can cause the screws to shear off.
- K) Fasten the strike in place using two 1" wood screws (Part #8). **Hint:** Coating the screw threads with a small amount of soap (liquid or bar soap) will make installation easier.

Congratulations! You are now on your way to enriching your life with *Grandeur!*

Figure #1

