Installing an Interior Door

A handout containing the highlights of the videos titled *Installing an Interior Door (Parts 1-2)*

Installing door frame

1. Measure door size. Standard door width is 2-feet and 6-inches. Standard door height is 6-feet and 8-inches. Rough openings are two inches larger than the actual width of the door.
    When measuring door height, make sure to start from the floor to the rough opening.
2. Do a horizontal and vertical check by checking the level and plumb.
    Floor level needs to be checked. If it is not level, check which side is the high side. When installing a door, start on the high side.

CAPTION 1. THE INSTRUCTOR CHECKS THE LEVEL OF THE FLOOR.

3. Check if opening is square (90-degree). Use a framing square on the corners of both sides of the door opening.

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CAPTION 2. THE INSTRUCTOR USES A SPEED SQUARE TO CHECK THE DOOR OPENING CORNER.
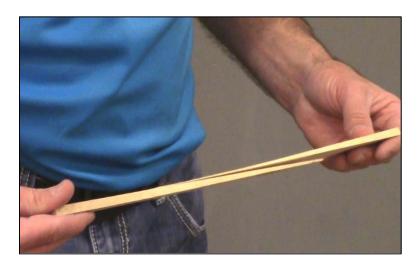
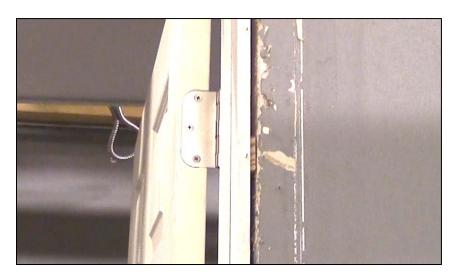## Installing hinge side

1. Make sure hinge side is plumb.

CAPTION 3. THE INSTRUCTOR CHECKS IF THE FRAMING IS PLUMB.

2. Start nailing the frame. Work from bottom to top.
3. Place shims behind each hinge area. If there's a gap between the jamb and wall stud, place a shim snugly in it. Nail the shims into the framing.

CAPTION 4. THE INSTRUCTOR SHOWS 2 SHIMS. SHIMS CAN BE LAYERED TOGETHER TO FIT IN A GAP.

CAPTION 5. A SHIM IS PLACED IN THE GAP, RIGHT BEHIND ONE OF THE DOOR'S HINGES.

Install the top of the door frame

1. Check if the header is level, and the corners of the door frame are square.

CAPTION 6. THE INSTRUCTOR CHECKS THE LEVEL OF THE TOP OF THE FRAME.

2. Start nailing the top of the door frame.

Install the latch side

1. Install the latch side of the frame. Shim behind the latch. An optional additional spot to shim is the bottom area of the latch side of the door frame to give it additional support from being hit or bumped into.

CAPTION 7. TWO SHIMS ARE PLACED BEHIND THE DOOR LATCH

Installing the casing

1. Start installing the frame casing from the bottom of the floor to top and around the door. Nail the casing in place and into the door jamb with a 16-gauge nailer. Leave a 1/8-inch of reveal from the edge of the jamb to the edge of the casing to caulk the gap. Maintain the 1/8-inch space while nailing the frame.

CAPTION 8. THE INSTRUCTOR NAILS THE CASING, STARTING FROM THE BOTTOM OF THE LATCH SIDE.

2. Nail the corners of the side casing and the top casing together. Tip: Use a shim and slide it underneath the corner where the ends of the side casing and top casing (with 45-degree angles) meet. It will hold the two pieces out. Using the pin nailer, nail on the corner to join the two pieces together.

CAPTION 9. THE TOP AND SIDE CASING ARE FLUSH BY PLACING A SHIM BENEATH THE 45-DEGREE ANGLE ENDS OF THE CASINGS.

3. Install the other side casing.

4. Use a 16-gauge straight finish nailer and start nailing from the bottom of the casing and work your way around frame. This nails the casing to the jack stud and king stud which is the actual framing around the door opening.

CAPTION 10. THE INSTRUCTOR USES A STRAIGHT FINISH NAILER TO FINISH INSTALLING THE CASING.

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