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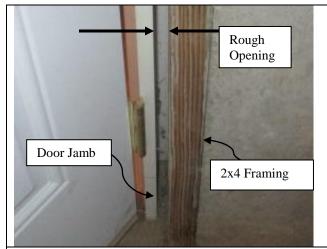


Foundation Certifications FHA / HUD Certifications Engineering Consultations Licensed in Missouri & Kansas

DOOR ADJUSTMENT

Many homes have one or more doors that do not close properly. Often the door sticks at the top or bottom making it difficult to open or close. Sometimes the door will open and close properly but the latch will not enter the strike plate. We recommend that you never shave, cut or otherwise alter the shape of a door that does not close properly.

A pre-hung door is installed in a rough opening. Typically there will be a space of approximately ½-1 inches between the door jamb and the framing of the rough opening to allow for adjustment during installation.



This shows a door installation prior to trim being placed. Shims are used to hang the door plumb, leaving a gap between the jamb and framing. A ¾ inch screw is used to secure the hinge to the jamb.



This ³/₄ inch screw barely penetrates through the jamb and does not secure the door to the framing. Over time a door may move out of plumb for any number of reasons (sag, shrink/swell of lumber, etc.)



A 3 inch deck screw will go through the door jamb, rough opening and into the 2x4 framing where it will pull the hinge inward and adjust the door.



Install the 3 inch screw in the center hinge hole. This lines up the screw towards the center of the 2x4 and minimizes the potential that the 2x4 splits on the edge.



If the door sticks at the "top-top" insert the 3 in screw in the lower hinge center hole.



If the door sticks at the 'top-side' insert the 3 in screw in the upper hinge center hole.



If the door sticks at the 'low-side' insert the 3 in screw in the lower hinge center hole.



We do not recommend the use of over the door pockets, hooks or hanging hardware.



If the latch is missing high on the strikeplate insert the 3 inch screw in the lower hinge center hole.



If the latch is missing low on the strikeplate insert the 3 inch screw in the lower hinge center hole.

Sometimes there is just too much movement to adjust the door with a 3 inch deck screw and it may be necessary to remove the trim and re-hang the door.

If the mis-alignment with the strike plate is too severe you may need to purchase and install an oversized or adjustable strike plate.