



The W.L. Jenkins Company

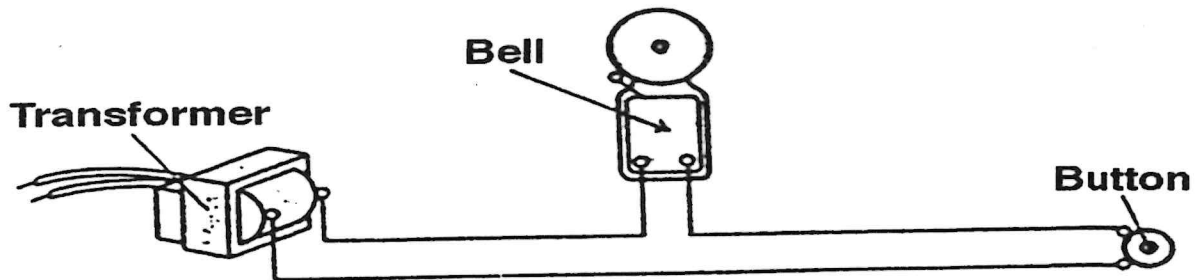
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Doorbell Wiring and Installation

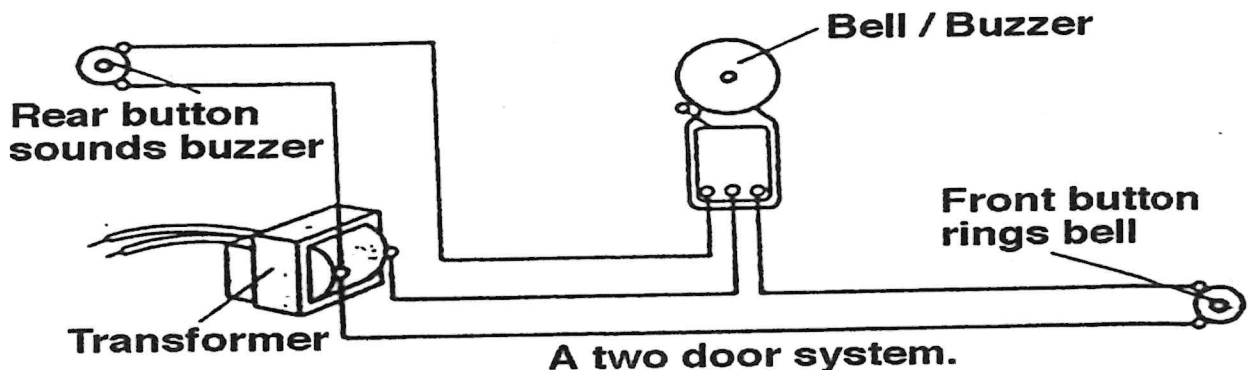
A typical doorbell system includes a transformer (to convert 120VAC to 24VAC), a bell/buzzer, and button for ringing the bell. Doorbell wiring uses low voltage except the line side of the transformer. The line side of the transformer must be terminated in an approved electrical box, similar to a light switch or wall outlet. The transformer is used to step the voltage down from 120V to 16, 18 or 24 volts. One or two buttons for front and back door can be used to activate your doorbell system. Below is a standard doorbell wiring diagram. Since transformers come in a variety of voltages, be sure your transformer provides the correct voltage for your particular doorbell system. They often come together as a kit, but sometimes you buy them separately.

We highly recommend contacting a certified electrician with any wiring questions.

Doorbell Wiring Diagrams

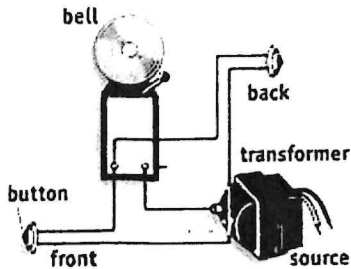


A single door system.

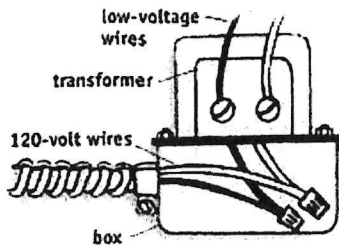


A two door system.

If your bell/buzzer only seems to support a single button, as shown below, it is still possible to wire two or more buttons to the system. You merely connect both buttons to the same terminal. You can connect two, three, four, or more buttons in the fashion if you really wanted to.



You can determine which side of the transformer is the line side, or 120V side, because it will usually have a black and white wires to connect to with wire nuts. The low-voltage side will usually have a couple of screw terminals to connect your 18 gauge bell wire to. See diagram below:



Push Button Installation

