

Framing the Rough Opening

Installing Stringers

- STEP 1. Measure the stringer length "S" between the headers (See Figure 17).
- STEP 2. Cut a stringer to this length. Use joist-sized lumber.
- STEP 3. If the ceiling joist does not provide one side of the frame, then cut a second stringer the same length as the first one. Note that only one stringer is needed in Figure 17 because the ceiling joist provides one side of the frame.
- STEP 4. Position the stringer(s) along the unframed side(s) of your location (See Figure 18). Check that the inside dimensions of the frame are at least 18" x 24".
- STEP 5. To attach the stringer(s) to the headers, use nails that are long enough to go through both headers and into the stringer at least one inch. In most cases, a 4" nail (20d) will be long enough. Square the stringer(s) to the headers at one end and drive 3 nails through the headers and into the stringer. Check for squareness, then nail the other end. Check the rough opening for squareness by measuring across the diagonals. The two measurements must be within 1/8" to be considered square (See Figure 18).

Note: A 3/4" wood floor 27" min. deep by the full width of your opening is required for the attachment of the assist arm. Please refer to Step 5 on page 6 of this manual for instructions on attaching assist arm.

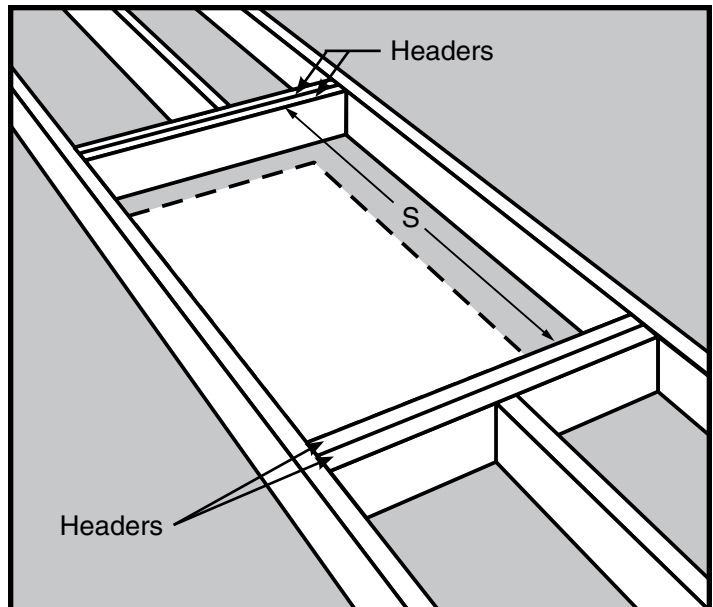


Figure 17

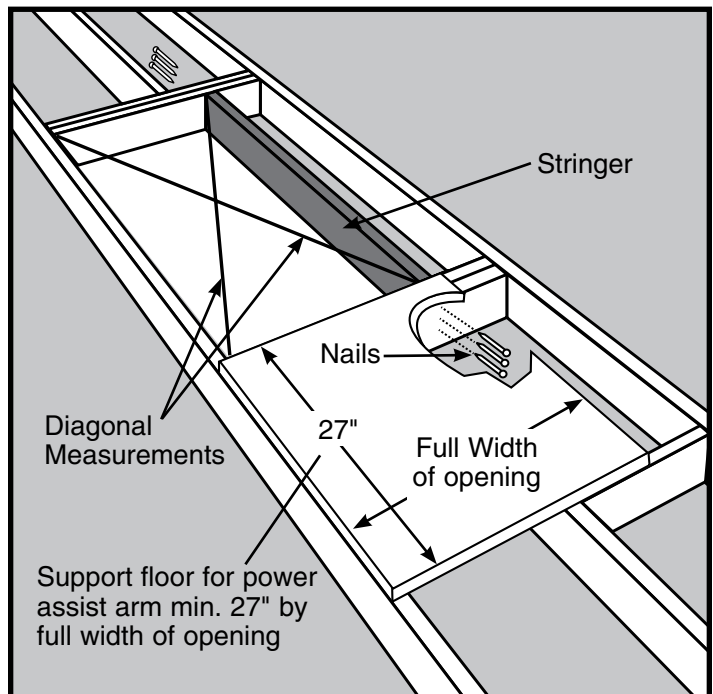


Figure 18