ATTIC LADDER INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR WOOD MODELS

STEP 1: PRELIMINARY INSTALLATION INSTRUCTIONS

A. Attach four 1/2-13×8 screws to the frame. Refer to figure 3 and instructions listed below.

1. Place the folding attic ladder on the floor with the door opening on your right-hand side.
2. Using the railing nuts and straps provided, attach one strap using two nails on the outside of the attic ladder frame at the extreme bottom corner near each corner opposite the door opening.
3. Attach the second strap opposite the first strap on the far outside frame.
4. The third and fourth straps should be positioned on the door hinge side near each corner opposite the door opening.

B. Position one person up in the attic, and position one person in the room below. When using a step ladder make sure ladder is fully open, all feet firmly supported and user’s weight and materials does not exceed the load rating of the ladder.
C. The person in the room below will need to raise the attic ladder into the rough opening and position the attic ladder’s door frame flush with the ceiling surface.
D. The person in the attic should then bend the metal E-Z Hang strapping at the four corners of the attic ladder frame over the adjoining ceiling joists and pull metal through the metal strapping using four of the 16d nails provided to temporarily suspend the attic ladder.

CAUTION: This is only a temporary connection, NEVER climb on ladder in this condition.
E. Carefully open attic ladder door but do not unlatch the climbing section until instructed in step 3. Place the frame on the door hinge side of the ladder up against the header and center side to side in the rough opening. Temporarily secure to header with 16d nail. Make sure frame is flush with ceiling before nailing (figure 4, next page).

STEP 2: PERMANENT INSTALLATION INSTRUCTIONS

A. Install fasteners at all 12 locations shown in figure 5 for permanent installation. Either 1/2″ x 3″ lag screws or 16d nails should be used. Install shims where necessary to fill any gaps between the door frame and rough opening. Make sure to install the fasteners in the holes provided in the corner brackets and pivot plates.

NOTE: When using lag screws first drill 1/2″ diameter holes through the frame at each location to prevent splitting and follow with 1/2″ pilot holes in the ceiling joist to facilitate installation of the lag screw.

I. WARNING: Never use deck or sheetrock screws for permanent installation.

STEP 3: ADJUST LADDER LENGTH

A. Carefully unlatch ladder to the ground rotating bottom sections behind middle section (figure 6). Push down on top and middle sections of the ladder to ensure the power arms are fully extended before taking measurements for trimming your ladder.

WOOD MODELS: Proceed to “C” ALUMINUM MODELS: Skip to page 7 “Additional steps for aluminum models only”

C. Record A & B values in table 3 for both rails.

Installation instructions for wood models and for aluminum models

Read instructions and warnings completely before starting

IMPORTANT: DO NOT OPEN FOLDING ATTIC LADDER UNTIL INSTRUCTED TO IN STEP NUMBER 3.

Folding Attic Ladder Location:
Allow ample room for the swing clearance and the landing space of the folding attic ladder when it is opened (see figure 2 and table 2). Locate the folding attic ladder rough opening so that when you enter the storage area, you will have adequate head clearance.

You must have a rough opening as shown on my model for table 2. If not, proceed to the appendix for framing instructions.

ATTIC LADDER SERIES NAME AND MODEL NUMBER CROSS REFERENCE

WOOD MODELS: Proceed to “C” ALUMINUM MODELS: Skip to page 7 “Additional steps for aluminum models only”

C. Record A & B values in table 3 for both rails.

MATERIALS REQUIRED

WOOD MODELS: Proceed to “C” ALUMINUM MODELS: Skip to page 7 “Additional steps for aluminum models only”

I. WARNING: Never use deck or sheetrock screws for permanent installation.

STEP 3: ADJUST LADDER LENGTH

A. Carefully unlatch ladder to the ground rotating bottom sections behind middle section (figure 6). Push down on top and middle sections of the ladder to ensure the power arms are fully extended before taking measurements for trimming your ladder.

WOOD MODELS: Proceed to “C” ALUMINUM MODELS: Skip to page 7 “Additional steps for aluminum models only”

C. Record A & B values in table 3 for both rails.

D. Transfer these dimensions to the bottom section of the ladder right and left rails and draw a cutting line between the two points. Trim bottom section to length using wood saw (figure 7).

Proceed to “Check the length after making your cuts” on page 8...
ADDITIONAL STEPS FOR ALUMINUM MODELS ONLY:
A. For aluminum models, complete table 4. Subtract “3/4” from each measurement and record the results in row titled “Rail cut length.”

<table>
<thead>
<tr>
<th>LEFT RAIL</th>
<th>RIGHT RAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement to floor</td>
<td>Subtract for shoe</td>
</tr>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Feet flush with floor</td>
<td>Feet ARE NOT flush with floor</td>
</tr>
</tbody>
</table>

B. Transfer cut length dimensions from table 4 to the bottom section of the ladder right and left rails and draw a cutting line between the two points. Trim bottom section to length using a metal cutting saw (figure 7).

C. Rotate bottom section back in line with top sections and press down on the middle section to ensure that the power arms are fully extended.

D. Slide aluminum foot over ladder rail. Position foot so that the extended sections remain straight and the foot is in full contact with the floor. Drill “5/8” hole through the rail using the hole provided on the foot as a template. Anchor securely with “5/8” bolts and locknuts provided.

If the attic ladder looks like figure 10, then both of the legs are too long and need to be trimmed further. Verify that there are no gaps in the section and both feet are flat on the floor. Again, be sure the attic ladder power arms are fully extended. Trimmed correctly, your attic ladder should look like figure 9.

EVEREST ALUMINUM 12’ FOLDING ATTIC LADDER OPENING AND CLOSING INSTRUCTIONS

Closely follow instructions attached to pole hook when opening and closing Everest Folding Attic ladder.

Required to operate: Two People | Attic ladder Pole hook | Stepladder or Step Stool

Opening instructions:
1. Stand on the floor, reach up with the pole hook and firmly hook the eye-bolt on the attic door and pull to open door.
2. Position a stepladder to the side of the attic ladder’s climbing section drop-down area.

DANGER: Never place stepladder or person in the path of the attic ladder’s climbing section drop-down area.
3. Position the two people (one on the stepladder and one on the floor) on either side of the attic ladder drop-down area.
4. The person on the stepladder should slowly and carefully begin unfolding the two hinged sections of the attic ladder to the person on the floor.
5. Continue to unfold the attic ladder until both sections are fully extended. Press downward on the climbing section to ensure power arm assembly is fully open and in the locked position.

Closing instructions:
1. Position one person on the stepladder and the other on the floor on either side of the attic ladder.
2. The person on the floor should begin to fold up the bottom and middle sections, handing off to the person on the stepladder to complete the folding process.
3. Use the pole hook to tap the power arm toward the open end of the attic ladder (away from the door hinge) to release power arm (See figure 12).
4. Hook the eye-bolt on the door with the pole hook and pull firmly upward until the springs engage. Slowly control the door with the pole hook until completely closed.
5. Remove pole hook and store in a safe place.

CHECK THE LENGTH AFTER MAKING YOUR CUTS

A. If the attic ladder looks like figure 10, then both of the legs are too long and need to be trimmed further.

B. If the attic ladder looks like figure 8, both of the legs are too short, and the attic ladder is not safe to use. A new lower section would need to be purchased from the manufacturer.

ADJUSTING THE SPRING TENSION (IF NEEDED)
(For models only)

Your attic ladder is equipped with a unique and easy way to adjust the tension on each of the two springs. With the attic ladder in the closed position, use an adjustable or “3/4” wrench and tighten (turn clockwise) the red kep nut on the J-bolts when opening and closing Everest Folding Attic ladder. Required to operate:  Two People  |  Attic ladder Pole hook  |  Stepladder or Step Stool

CAUTION: Consult an engineer or obtain architectural approval for installations that require the removal of roof trusses or rough openings perpendicular to the ceiling joists.

For customer service, call Louisville Ladder at 1–800–666–2811 or e-mail info@LouisvilleLadder.com

Louisville Ladder Inc.
7765 National Turnpike, Unit 190
Louisville, KY 40214
1–(800)–666–2811 | FAX: 1–(800)–274–4566
www.LouisvilleLadder.com
Spring-Axle Attic Ladder Installation Instructions 2014 v1 [F9018]
April 2014 ©2014 Louisville Ladder, Inc. All rights reserved.