

BEFORE YOU BEGIN:



Scan here or visit www.nuvoiron.com/how-to-install-attic-ladders for an easy to follow how-to video.

You will require two people to fit and install this ladder.

The ladder should be resting on the temporary support boards during installation.

You can open the lid of the ladder, but when installing do not unfold legs of the ladder until it is fully secured and attached. Make sure to choose an appropriate area for installation, with enough ground clearance for the ladder to open as well as enough space in the attic space above.

WARNING, UNTIL THE LADDER IS FULLY INSTALLED:

DO NOT UNFOLD THE LEGS OF THE LADDER.

DO NOT ATTEMPT TO USE THE LADDER AS IT IS NOT SAFE TO DO SO UNTIL THE INSTALL IS COMPLETED.

DO NOT STEP ON THE LADDER NOR LEAVE IT UNATTENDED UNTIL COMPLETELY INSTALLED AND BOTH LEGS ARE Adjusted torest on the floor.

DOING ANY OF THE ABOVE CAN DAMAGE THE LADDER AND CAUSE SEVERE INJURY.



THE LOCK KEY AND PIN ARE SUPPLIED IN THE PARTS BAG.

SEE THE IMAGES ABOVE FOR HOW TO ATTACH IT TO YOUR HATCH DOOR.

- Insert the center lock piece into the middle of lock from the bottom of the hatch.
- Then, using the pin, insert this from the side into the center hole in the top of lock piece.
- Use pliers to open the pin which will keep the center lock piece in place.
- The hatch bar is supplied for opening the lock and the ladder.









CHOOSING THE ATTIC LADDER LOCATION:

See the attic ladder opening you require based on the product code below.

You may need to prepare the frame or ceiling joists for installation. Please reference your local building codes or consult an engineer if you require more information.

Opening Based on Product Code:

(A) 22 ¹/₂" x 53 ¹/₂" for Product Codes: ALA225X54 or ALW225X54

OR

(B) 25 ¹/₂" x 53 ¹/₂" For Product Codes: ALA255X54 or ALW255X54

> Ensure there is enough room for swing clearance as well as proper landing space when the ladder is opened. (Fig. 1)

INCLUDED:

- Attic Ladder •
- (14) Fourteen Hex Screws
- (2) Two Plastic Feet For wooden ladder models. screws for feet are included
- (1) One Hatch Bar for opening and closing the ladder

TOOLS:

- Tape measure
- Drill
- Pencil
- Hand Saw (For Wood ladder models)
- Hack Saw (For Aluminum ladder models)

INSTALLATION INSTRUCTIONS:

1. To start, you need to attach temporary supports to hold the ladder in place during the permanent install.

We suggest (2) two 2" x 4" in the appropriate length for your project. It will need to slightly overhang the opening. Approximately 30" long should work for your project, or slightly longer than the width of your ceiling joists.

Support A and Support B will be attached with the hex screws as shown in (Fig. 2).

SUPPORT "A" **SCREWS** (2) PER BOARD Fig. 2

SUPPORT "A"

2. Support A should be located at the end of the opening where the door hinge of the ladder will go.

The edge of **Support A** should extend into the rough opening 3/8", as shown. Mark your support 3/8" to help you during installation.

Clamp Support A to keep it attached during installation. Then use (2) two of the provided hex screws to install temporary Support A.

Make sure both screws penetrate a header or joist board in the ceiling to ensure the temporary supports hold the weight of the Attic ladder frame while it's being installed.





- (2) Two 2" x 4" for supporting the ladder during install - Approximately 30" long, or slightly longer than the width of your ceiling joists
- (6 10) Six to ten wood shims or wedges
- Ladder
- Wrench
- (2) Two clamps
- Square
- Pliars

Fig. 1





3. Measure 52 ³/₄" from the edge of **Support A** across the sides of the opening, on both sides, and mark it with a pencil.

Note: Make sure you are taking this measurment from the edge of *Support A* and not the header.

Line up the edge of **Support B** with your marks and secure using the clamps, then attach using (2) two of the provided hex screws.

Again, make sure both screws penetrate a header or joist board in the ceiling to ensure the temporary supports hold the weight of the Attic ladder frame while it's being installed.

4. WITH ONE PERSON ON THE MAIN LEVEL AND ONE PERSON IN ATTIC or loft area, you can begin to install the ladder.

The person in the attic or loft area should have a drill and (2) two of the hex screws.

The person below will need to raise the attic ladder into the rough opening and with assistance from the person above, position securely on the temporary support boards (Fig. 3).

Make sure the frame on the door hinge side of the ladder is pushed up against header and is centered side to side in your rough opening.

5. The persion in the attic will temporarily secure the frame to the header using the (2) two hex screws (Fig. 4).

Do not use pre-drilled holes for deck screws. Do not over-tighten the hex screws. They should be tightened until flat with the surface and they should not indent into your material.

CAUTION: This is only a temporary connection, NEVER climb on the ladder in this condition.

Now that the hinge side is secured, and before you try to open the ladder, uninstall **Support A** to prevent damaging the protective fireproofing material on your hatch door.

6. Carefully open the attic ladder door but do not unfold the climbing section until indicated in step 3.

Center and square the opposite side of the attic ladder frame in the rough opening using shims. Ensure ladder frame is square by measuring the diagonals of the frame within 1/8" (Fig. 5).

Shim when necessary to fill space between ladder frame and rough opening.

















IMPORTANT: Prior to construction, check with your local or regional municipalities for building code requirements in your area.

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