



NOTICE

Century Industries, Inc. recently changed the style of powerarm on our attic stairways. This change was made to increase uniformity of parts and ease installation and replacement of parts. As a result, it is no longer necessary to know which model or size of attic stairway you have, one size fits all!

The result of this is that by converting your unit into using the new powerarms, it *may* result in the stiles of the ladder being “too long” for the current ceiling height. It may be necessary to retrim the bottom section for any length variation. **(Note: there may not be any variation in your particular stairway; it will vary case-to-case.)**

If it is necessary to retrim, we have included the attached sheet showing how to measure and then trim out the unit to proper height/length.

If you have any questions, please feel free to call us at 501-897-5253 from 8 am – 4:30 pm CST and we will be glad to discuss the situation with you.



Power Arm Installation Instructions

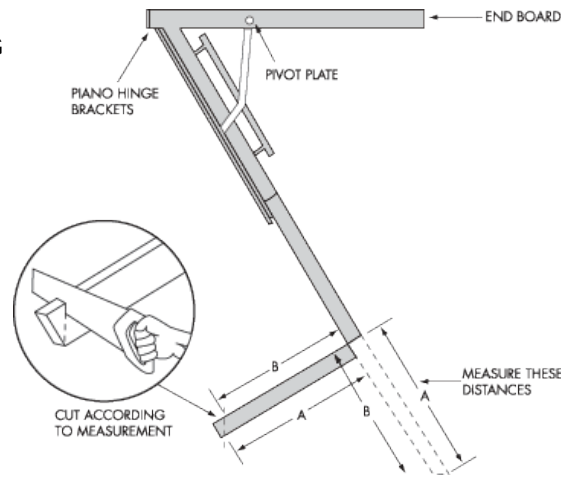
In order to replace your power arm assembly you will need the following: pliers, adjustable wrench, Phillips head screwdriver, a power or cordless drill, (6) ¼”- 3” long lag screws and a step ladder. You will also likely need a second person to help you once you are ready to remove the springs. This is due to the fact someone must hold the door in place while the springs are detached. This will prevent the door from swinging open too far and damaging the piano hinge.

1. BEFORE ANY ADJUSTMENT OR REPAIR WORK IS DONE TO THE STAIRWAY YOU MUST REMOVE THE SPRINGS. The springs of the stair are under significant tension, if removal of a spring should become necessary do to some unusual circumstance, perform this removal and re-attachment with **EXTREME CAUTION** and do so only when the stair is in a **CLOSED AND LESS TENSE POSITION.**
2. Using your step ladder, enter the attic and have the individual at floor level close the unit. With the unit in the closed position secure both sides of the top ladder section (15, 16). Preventing the unit from opening. This is important due to the fact that once the springs are detached there will be nothing to prevent the unit from opening, possibly causing injury to you or the individual at floor level and also damaging the piano hinge (1).
3. Detach the spring (3) from the j-bolt and power arm assemblies (5 or 6). At this point there will be no tension holding the door in the up position other than your previous securing at each side of the ladder.
4. Now you can have your assistant carefully open the stairway and extend the stairway sections to the floor to gain access to the pivot plate of the power arm. Exit the attic by using your step ladder.
5. At the bottom end of the affected power arm assembly, remove the nut and bolt assembly at the portion of the L-bracket attached to both the power arm and ladder stile. If replacing both power arms, ***REMOVE ONE SIDE AT A TIME.***
6. With the spring removed and the L-bracket attachment disassembled, it is now time to remove the pivot plate from the well sides. Using your drill, drill out the two rivets attaching the pivot plate and power arm assembly to the well side.
7. To attach the new power arm assembly, correctly position the pivot plate of the new assembly, aligning its holes with the holes in the well sides. Use 3 lag screws to affix the pivot plate.
8. Attach the bottom end of the power arm assembly to the bolt at the center of the top ladder stile and fasten it to the stile and L-bracket using the existing nut.
9. ***BEFORE YOU REATTACH THE SPRING MAKE SURE THAT THE LAG SCREWS YOU HAVE INSERTED HAVE SECURELY AFFIXED THE POWER ARM ASSEMBLY AND PIVOT PLATE TO THE WELL SIDE AND MAKE SURE THAT THE LINKAGE YOU HAVE MADE BETWEEN THE POWER ARM AND THE LADDER IS SECURE.***
10. Reattach the existing spring to the extended attachment to the power arm using the existing J-bolt and nut assembly.

Once you have reattached the spring the stairway is now under tension. Remove the bracing you earlier installed and open the attic stairway unit.



FIGURE 7 - ADJUSTMENT TO CEILING HEIGHTS AND NAIL POSITIONS



ADJUSTING STAIRWAY TO CEILING HEIGHT

Pull stairway down, applying pressure so that hardware arms are fully extended. Open the stair sections, folding bottom section under the middle section. The top and middle sections should form a straight line. Aligning your ruler on the same plane as the two upper sections, measure the distance from the bottom of the middle section to the floor on the front and back (see FIGURE 7). Mark the distances obtained on the front and back sides of the ends of the bottom section, and trim bottom sections at the proper length and angles by cutting across them. With the bottom section cut to the proper length and angle, joints will be tight at each section with weight on the stairs. NOTE: For aluminum stairways, please refer to the bottom of this page (see FIGURE 10).

FIGURE 8 - CORRECT SETUP

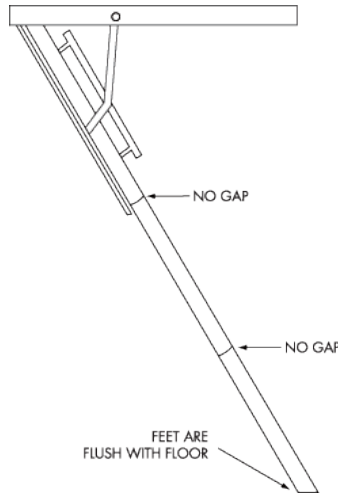
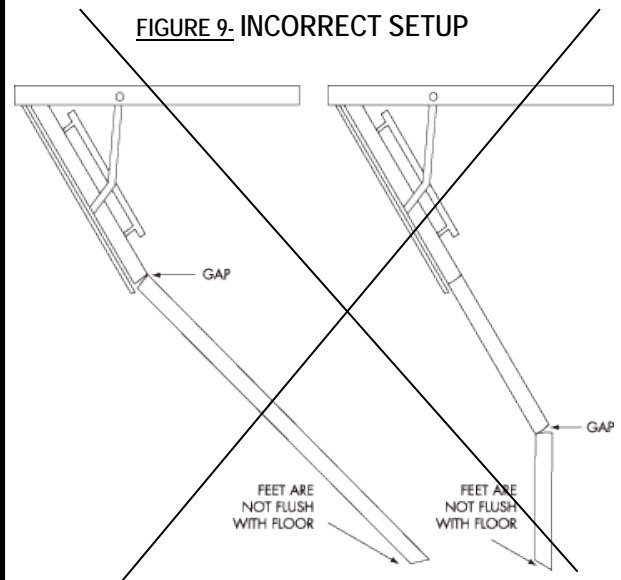


FIGURE 9 - INCORRECT SETUP



WARNING: The bottom section must fit flush with the floor. Failure to cut properly could result in undue stress on the component parts of the stairway, resulting in serious injury (see FIGURES 8 and 9).

ALUMINUM STAIRWAYS

Aluminum stairways come preassembled with adjustable feet. Height adjustments may be made by removing the nuts and bolts on the bottom section and repositioning the feet to the correct height. **NOT ALL CEILING HEIGHTS CAN BE ADJUSTED IN THIS MANNER.** If your stairway cannot be properly adjusted using the predrilled hole locations, please refer to the INSTRUCTIONS FOR ADJUSTING THE HEIGHT OF ALUMINUM ATTIC STAIRWAYS.

Model #	Rough Opening	Ceiling Height Range	Landing Space (1)	Projection (2)
SAT-89	22-1/2" x 54"	96"-105"	68"	70"
SAT-100	22-1/2" x 54"	112"-120"	73"	78"
SA-89	25-1/2" x 54"	96"-105"	68"	70"
SA-100	25-1/2" x 54"	112"-120"	73"	78"
SA-120	25-1/2" x 64"	137"-144"	84"	87"

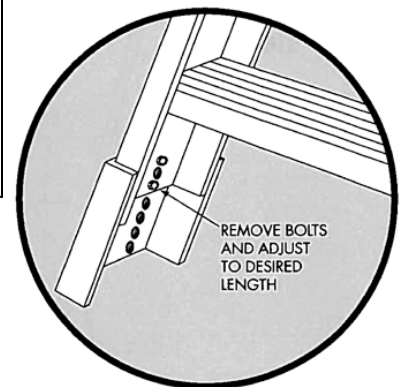
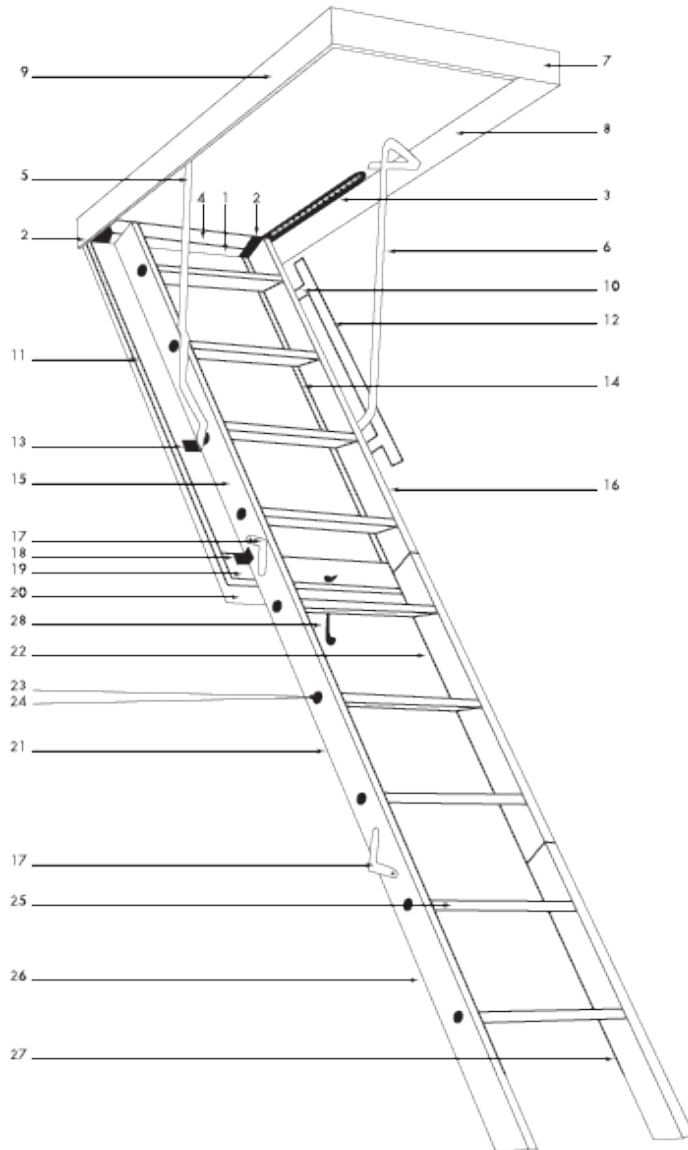


FIGURE 10



ATTIC STAIRWAY COMPONENT LISTING



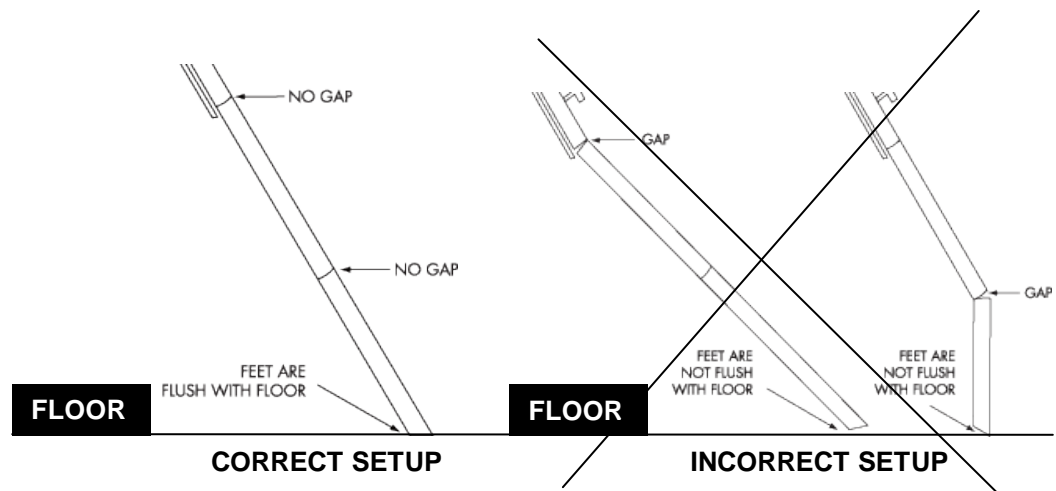
- 1 – Full-width piano hinge
- 2 – Piano hinge bracket
- 3 – Spring (2)
- 4 – Header board
- 5 – Left power arm
- 6 – Right power arm
- 7 – Box end
- 8 – Right box side
- 9 – Left box side
- 10 – Hand rail bracket (2)
- 11 – Left door runner
- 12 – Hand rail
- 13 – Power arm mounting bracket (2)
- 14 – Right door runner
- 15 – Left top stile
- 16 – Right top stile
- 17 – Side hinge (4)
- 18 – Frame bracket
- 19 – Door frame end
- 20 – Door panel
- 21 – Left center stile
- 22 – Right center stile
- 23 – Ladder rods
- 24 – Ladder rod washers
- 25 – Steps
- 26 – Left lower stile
- 27 – Right lower stile
- 28 – Pull cord and tassel

SPECIAL NOTE TO USER

Always face the stairway when going up and down; and use the handrail.

CAUTION

The bottom section of each leg of the stairway must always be trimmed so that its ends rest flush with the floor and all sections of the legs are perfectly aligned.



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