



ABH INSTRUCTIONS (POWER ARM INSTALLATION HARDWARE KIT)

PARTS LIST FOR POWER ARM INSTALLATION HARDWARE KIT

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|-------------------------------|--|
| (6) ¼" x 3" lag screws | (2) 5/16"-18 x 1 ½" hex washer head bolts w/lock nuts |
| (2) J-bolts & nuts | (power arm bolts) |

POWER ARM INSTALLATION INSTRUCTIONS

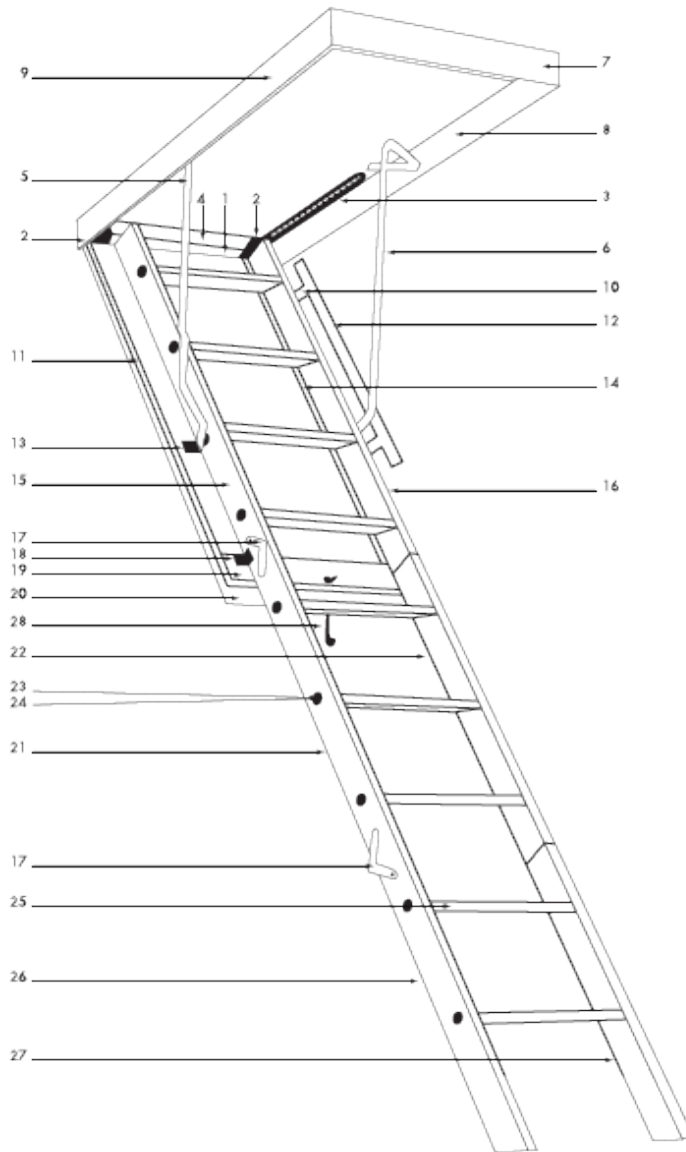
In order to replace your power arm assembly you will need the following: pliers, adjustable wrench, Phillips head screwdriver, a power or cordless drill, (6) ¼"- 3" long lag screws and a step ladder. You will also likely need a second person to help you once you are ready to remove the springs. This 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.

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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