



Bat House, 2 Piece Pole Mounting Instructions

INSTALLING THE AMADOR BAT HOUSE

Notes

1. Install in area with sun, preferably morning sun and at least 6 hours sun
2. Ideally this effort is a 2 person job
3. Steel pole is the in-ground pole with above ground tall pole slid over it

Materials Needed

1. Steel Pole set:
 1. 3' (or longer) of 1" inner diameter schedule 40 thickness (galvanized recommended)
 2. 12-14' of 1.25" inner diameter schedule 40 thickness, galvanized or paint any color you like.
2. Set screw for preventing top pole rotation (secure both poles together near base)
3. Amador Bat Box
4. Amador Bat Box Mounting Hardware Kit
5. 1 50lb bags of (Fast Setting recommended) concrete mix + water

Tools Needed

1. Post-hole digger or auger (6" or 8")
2. A level, but having 2 will enable simultaneously measuring both planes of movement
3. Drill & bits to drill through steel pole for set screws, one set screw at bat box, one at ground to prevent tall pole rotation
4. Bucket, wheel barrow etc. to mix the post hole concrete in and perhaps a shovel, trowel or hand held hoe to mix then help pour the wet concrete.
5. Ladder high enough to enable attaching barn owl box to post (or any other method to enable working at 13' elevation)
6. Socket wrench and box wrench for the mounting bolts

Installation

1A. If desired, lightly sand long pole, wipe, then paint any color you like. We often use Rustoleum flat brown spray paint.

1B. Lay the long pole horizontal on the ground and lay the bat house on its front next to the bat house.

2. Attach bat house to the large/tall pole.
 - U bolt is for top, drill through top wood section that extends above the bat house and put U bolt through, leave loose
 - C strap is for bottom of bat house. Drill through bottom most area and face threaded end of bolts towards back of bat house (goal is to minimize obstructions for bats entering box.
 - Slide bat house over pole carefully
 - Tighten down hardware, and when finished, drill through pole where C Clamp hole is and install 1 of the 2 provided sheet metal screws. This will prevent rotation of the bat house on the pole.
 - Attach and tighten conduit hanger clamp below bat house as added measure to prevent downward slippage of bat house on pole.

4. Dig a hole (at least 18" deep) of half of small pole length, ensure the walls of the hole are straight down, (because "v shape" holes will heave the post out during seasonal changes each year). Using post hole digger or an auger works best as they create a well-formed hole.

5. Prepare concrete mix – do half a bag at a time to make things more easily manageable.

6. Put 1" of mixed concrete to bottom of the hole

7. Insert the small pole in the hole and center it, then while holding the small pole straight pour the concrete mix into the hole. Use a level to be sure pole is correctly vertical in all directions (apply level to various sides to measure) and hold pole until concrete is sufficiently hard to stand alone - it will only take minutes.

8. Let the concrete set.

9. After concrete setting, mount the pole with the bat box:
 1. Ideally this is done with 2 people. You'll be sliding the large pole over the small pole.
 2. Person 1 holds the bottom of the long pole up against the top of the short pole. Person 2 "walks" the pole and box up and person 1 can help by pulling / lifting also. When vertical slide large pole over small pole.
 3. Rotate large pole so that owl box front opening is Not in the prevailing wind / weather. Usually the front of the owl house faces East or South.
 4. To keep large pole from rotating, pre drill and then install sheet metal screw (#2 of the 2 provided) as the pole-to-pole set screw.