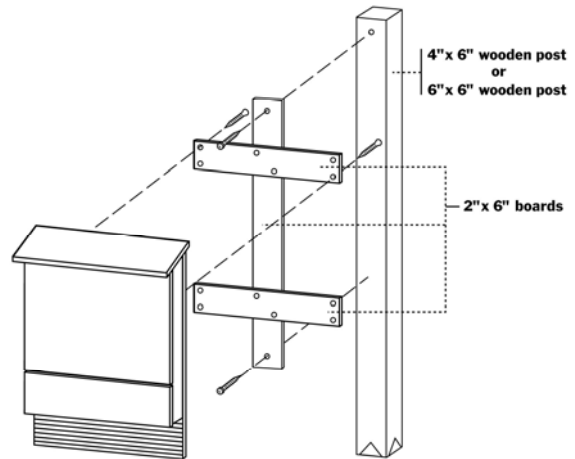


SINGLE BAT HOUSE ON A WOODEN POST (Single Post Mount)

You Will Need:

4x6 pressure treated wooden post (at least 16')
Pea gravel
2"x4" boards
 2 cut to width of bat house
 1 cut to at least 6 " longer than bat house
1 5/8" exterior grade screws
3" exterior grade screws
3/32" bit (to pre-drill screw holes)
6" lag bolts, hex bolts, or carriage bolts
Drill bit sized for bolts
Wrenches to fit bolts
Exterior grade adhesive caulk (optional)
Wood clamps or spring clamps
Tape measure, Pencil, Electric Drill
Post hole digger
Tamp stick



Instructions:

* Multi-chambered houses only
* Make sure there are no underground wires, pipes or cables – you'll be digging about 3 feet down.
* Wooden posts tend to rot when set directly in concrete or cement. Use pea gravel instead.

1) Cut each 2"x4" board to the width of your bat house.

2) Measure and drill pilot holes to ensure screws will attach securely to the bat house frame and do not protrude inside the bat house roosting crevices. The bat house frame typically extends down the sides and along the top 1 1/2".

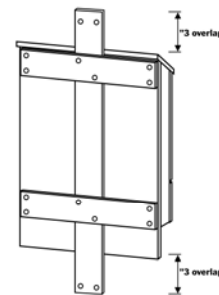
3) Apply adhesive caulk (optional) between the boards and the bat house and attach the boards to the bat house using 1 5/8" screws. You may want to clamp the boards prior to drilling to ensure they stay in place.

4) Cut the vertical mounting board six inches longer than the bat house. Center the board on top of the horizontal mounting boards so the ends of the board extend at least 3 inches above and below the bat house. Secure the vertical board to the horizontal boards with 3" screws. Make sure the screws do not protrude into the roosting chambers.

5) Pre-drill holes at the top and bottom of the vertical mounting board, and secure the bat house to post with lag screws, hex bolts, or carriage bolts.

6) For poles up to 16 feet, use a post-hole digger (or auger) to dig a hole about 34" and about twice the width of the post. Add an additional 2" of depth for each additional foot of post beyond 16 feet. Tamp the bottom of the hole to make sure it is level.

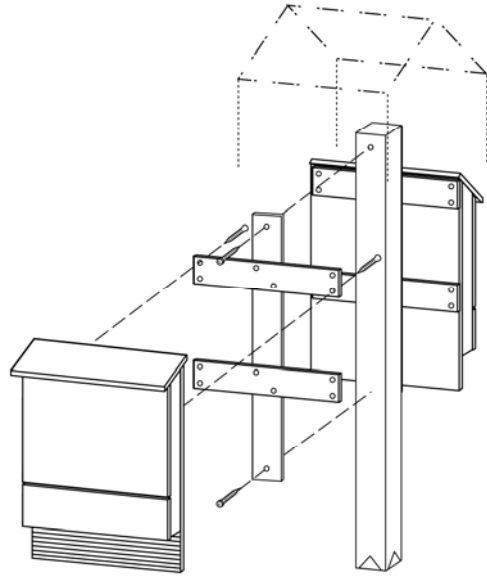
7) Set the post in the ground and orient it to face the bat house in proper direction (generally south or southeast). Brace the post if needed with scrap wood to ensure it remains straight. Fill the hole with pea gravel, tamping firmly after each three-inch layer of gravel.



TWO BAT HOUSES ON A WOODEN POST (Single Post Mount)

You Will Need:

- 4"x6" pressure treated wooden post (at least 16')
- Pea gravel
- 2"x4" boards
 - 4 boards cut to width of bat house(s)
 - 2 boards cut to at least 6" longer than bat house(s)
- 1 5/8" exterior grade screws
- 3" exterior grade screws
- 3/32" bit (to pre-drill screw holes)
- 8" lag bolts, hex bolts, or carriage bolts
- Drill bit sized for bolts
- Wrenches to fit bolts
- Exterior grade adhesive caulk (optional)
- Wood clamps or spring clamps
- Tape measure, Pencil, Electric Drill
- Post hole digger
- Tamp stick



Instructions:

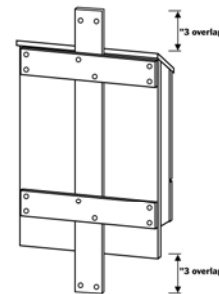
- * Multi-chambered houses only
- * Make sure there are no underground wires, pipes or cables – you'll be digging about 3 feet down.
- * Wooden posts tend to rot when set directly in concrete or cement. Use pea gravel instead.
- * Mounting two bat houses back-to-back on poles (with one facing north and the other south) is ideal. Cover both with a galvanized metal roof to protect bat houses and allow bats the option of roosting between them out of the rain.

1) Cut four 2"x4" boards to the width of your bat houses (2 for each house).

2) Measure and drill pilot holes to ensure screws will attach securely to the bat house frame and do not protrude inside the bat house roosting crevices. The bat house frame typically extends down the sides and along the top 1 1/2".

3) Apply adhesive caulk (optional) between the boards and the bat house and attach the boards to the bat house using 1 5/8" screws. You may want to clamp the boards prior to drilling to ensure they stay in place.

4) Cut the vertical mounting boards (one for each house) six inches longer than the bat house. Center the board on top of the horizontal mounting boards so the ends of the board extend at least 3 inches above and below the bat house. Secure the vertical board to the horizontal boards with 3" screws. Make sure the screws do not protrude into the roosting chambers.



5) Pre-drill holes at the top and bottom of the vertical mounting boards, and secure the bat houses to the post with lag screws, hex bolts, or carriage bolts.

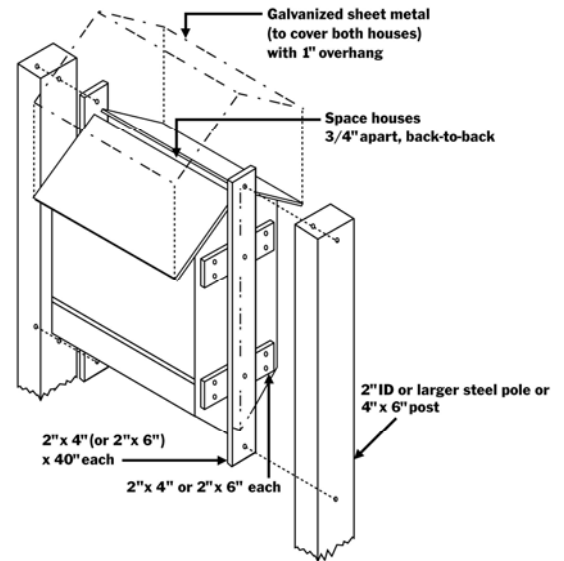
6) For poles up to 16 feet, use a post-hole digger (or auger) to dig two holes about 34" and about twice the width of the posts. Add an additional 2" of depth for each additional foot of post beyond 16 feet. Tamp the bottom of the holes to make sure each one is level. Measure carefully to ensure they are the same depth.

7) Set the posts in the ground and orient them to face the bat house in proper direction (generally south or southeast). Brace the posts if needed with scrap wood to ensure it remains straight. Fill the holes with pea gravel, tamping firmly after each three-inch layer of gravel.

TWO BAT HOUSES ON A WOODEN POST (Double Post Mount)

You Will Need:

- 2 4"x6" pressure treated wooden posts (at least 16')
- Pea gravel
- 2"x4" or 2"x6" boards
 - 4 boards cut to depth of both bat houses + $\frac{3}{4}$ "
 - 2 boards cut to at least 6" longer than bat houses
- 1 5/8" exterior grade screws
- 3" exterior grade screws
- 3/32" bit (to pre-drill screw holes)
- 8" lag bolts, hex bolts, or carriage bolts
- Drill bit sized for bolts
- Wrenches to fit bolts
- Exterior grade adhesive caulk (optional)
- Wood clamps or spring clamps
- Tape measure, Pencil, Electric Drill
- Post hole digger
- Tamp stick



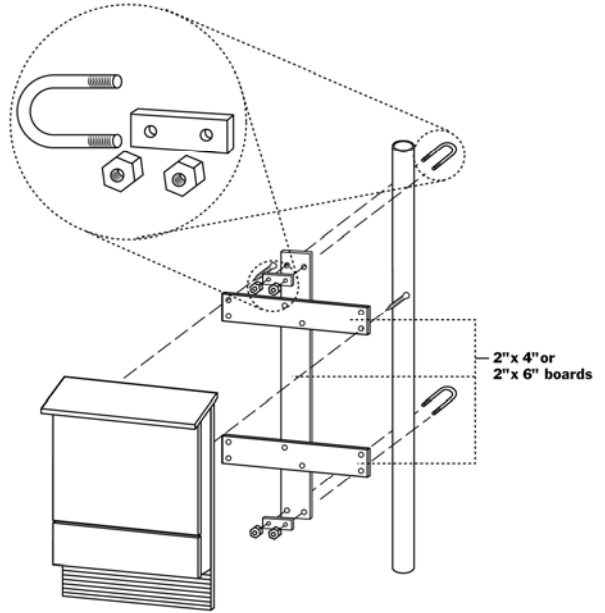
Instructions:

- * Multi-chambered houses only
 - * Make sure there are no underground wires, pipes or cables – you'll be digging about 3 feet down.
 - * Wooden posts tend to rot when set directly in concrete or cement. Use pea gravel instead.
 - * Mounting two bat houses back-to-back on poles (with one facing north and the other south) is ideal. Place houses $\frac{3}{4}$ inch apart and cover both with a galvanized metal roof to protect the center roosting space from rain.
- 1) Cut four 2"x4" boards a length that equals the depth of both bat houses plus $\frac{3}{4}$ ". These will attach the bat houses to each other with a $\frac{3}{4}$ " gap between.
 - 2) Measure and drill pilot holes to ensure screws will attach securely to the bat house frame and do not protrude inside the bat house roosting crevices. The bat house frame typically extends down the sides and along the top 1 1/2".
 - 3) Apply adhesive caulk (optional) between the boards and the bat house and attach the boards to the bat house using 1 5/8" screws. You may want to clamp the boards prior to drilling to ensure they stay in place.
 - 4) Cut the vertical mounting boards (one on each side) six inches longer than the bat house. Center the board on top of the horizontal mounting boards so the ends of the board extend at least 3 inches above and below the bat house. Secure the vertical board to the horizontal boards with 3" screws. Make sure the screws do not protrude into the roosting chambers.
 - 5) Pre-drill holes at the top and bottom of the vertical mounting boards, and secure the bat houses to the post with lag screws, hex bolts, or carriage bolts.
 - 6) For poles up to 16 feet, use a post-hole digger (or auger) to dig a hole about 34" and about twice the width of the post. Add an additional 2" of depth for each additional foot of post beyond 16 feet. Tamp the bottom of the hole to make sure it is level.
 - 7) Set the post in the ground and orient it to face the bat house in proper direction (generally south or southeast). Brace the post if needed with scrap wood to ensure it remains straight. Fill the hole with pea gravel, tamping firmly after each three-inch layer of gravel.

SINGLE BAT HOUSE ON A STEEL POLE (U-bolts)

You Will Need:

Galvanized steel pole (16' or longer)
Schedule 40; 2" ID (2 3/8" OD) or larger
Concrete or Cement
2"x4" or 2"x6" boards
2 cut to width of bat house
1 cut to at least 6" longer than bat house
1 5/8" exterior grade screws
3" exterior grade screws
3/32" bit (to pre-drill screw holes)
U-bolt to fit steel pole (for 2" pipe or larger)
Wrenches to fit U-bolt nuts
Exterior grade adhesive caulk (optional)
Wood clamps or spring clamps
Tape measure, Pencil, Electric Drill
Post hole digger
Tamp stick

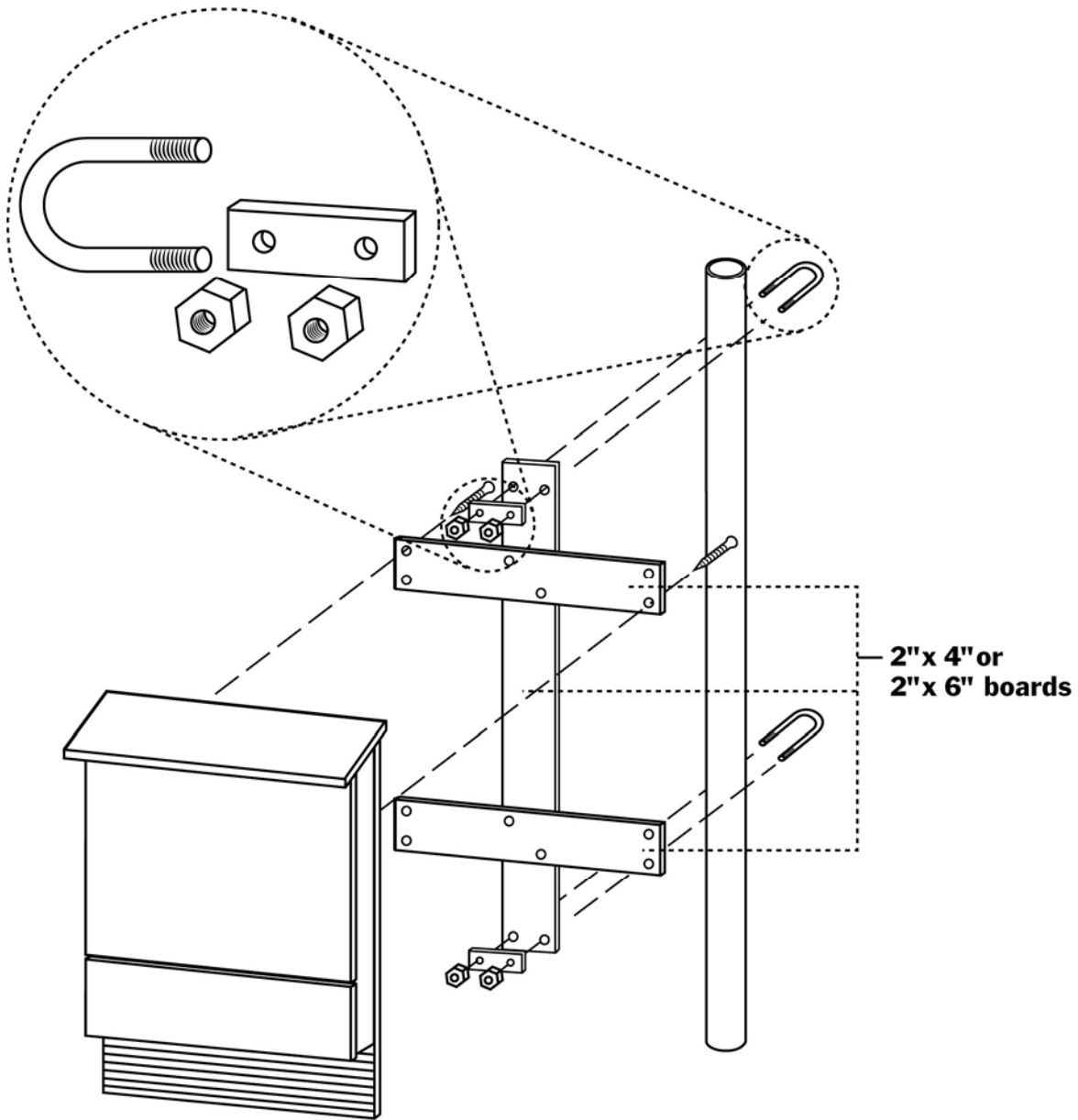


Instructions:

* Multi-chambered houses only

* Make sure there are no underground wires, pipes or cables – you'll be digging about 3 feet down.

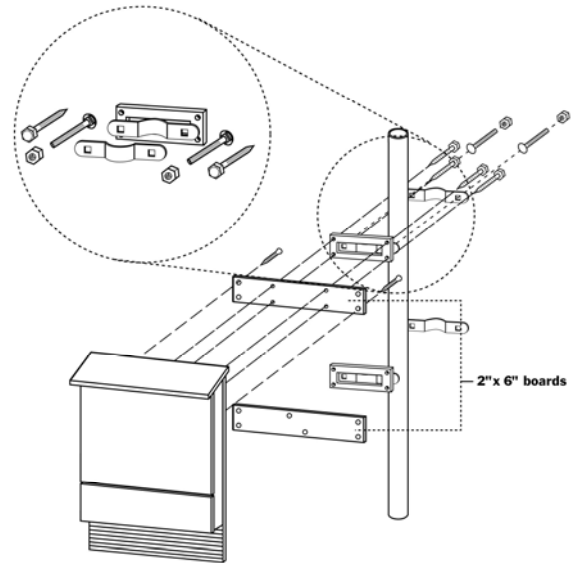
- 1) Cut each 2"x4" board to the width of your bat house.
- 2) Measure and drill pilot holes to ensure screws will attach securely to the bat house frame and do not protrude inside the bat house roosting crevices. The bat house frame typically extends down the sides and along the top 1 1/2".
- 3) Apply adhesive caulk (optional) between the boards and the bat house and attach the boards to the bat house using 1 5/8" screws. You may want to clamp the boards prior to drilling to ensure they stay in place.
- 4) Cut the vertical mounting board six inches longer than the bat house. Center the board on top of the horizontal mounting boards so the ends of the board extend at least 3 inches above and below the bat house. Secure the vertical board to the horizontal boards with 3" screws. Make sure the screws do not protrude into the roosting chambers.
- 5) Pre-drill holes at the top and bottom of the vertical mounting board, and secure the bat house to post with the U-bolts.
- 6) For poles up to 16 feet, use a post-hole digger (or auger) to dig a hole about 34" and about twice the width of the post. Add an additional 2" of depth for each additional foot of post beyond 16 feet. Tamp the bottom of the hole to make sure it is level.
- 7) Set the post in the ground and orient it to face the bat house in proper direction (generally south or southeast). Brace the post if needed with scrap wood to ensure it remains straight. Fill the hole with the original soil, tamping firmly after each three-inch layer of soil. Fill the entire hole, then cut a square in the ground approximately 6" deep and 3' by 3' square. Frame with wood if desired. Fill this with concrete or cement to create a base. Pouring a cement pad around the base of the pole provides more stability and is easier to remove than setting the entire post base in cement. An added benefit is that you can easily collect the guano for gardening as it accumulates on the pad.



SINGLE BAT HOUSE ON A STEEL POLE (Steel to Wood Adapter)

You Will Need:

- Galvanized steel pole (16' or longer)
 - Schedule 40; 2" ID (2 3/8" OD) or larger
- Concrete or Cement
- 2"x4" or 2"x6" boards
 - 2 cut to width of bat house
 - 1 cut to at least 6" longer than bat house
- 1 5/8" exterior grade screws
- 3" exterior grade screws
- 1/4" x 1 1/2" exterior grade lag screws
- 3/32" bit (to pre-drill screw holes)
- 2 3/8 inch steel to wood adapter
 - (found in chain link fence section of the hardware store – different adapter designs exist – *Home Depot* version shown)
- Wrenches to fit bracket nuts
- Exterior grade adhesive caulk (optional)
- Wood clamps or spring clamps
- Tape measurer, Pencil, Electric Drill
- Post hole digger
- Tamp stick



Instructions:

- * Multi-chambered houses only
- * Make sure there are no underground wires, pipes or cables – you'll be digging about 3 feet down.

1) Cut each 2"x4" board to the width of your bat house.

2) Measure and drill pilot holes to ensure screws will attach securely to the bat house frame and do not protrude inside the bat house roosting crevices. The bat house frame typically extends down the sides and along the top 1 1/2".

3) Apply adhesive caulk (optional) between the boards and the bat house and attach the boards to the bat house using 1 5/8" screws. You may want to clamp the boards prior to drilling to ensure they stay in place.

4) Drill pilot holes and secure the brackets to the horizontal mounting boards with 1 1/2" lag screws. Make sure the screws do not protrude into the roosting chambers.

5) Secure the bat house to post with the brackets.

6) For poles up to 16 feet, use a post-hole digger (or auger) to dig a hole about 34" and about twice the width of the post. Add an additional 2" of depth for each additional foot of post beyond 16 feet. Tamp the bottom of the hole to make sure it is level.

7) Set the post in the ground and orient it to face the bat house in proper direction (generally south or southeast). Brace the post if needed with scrap wood to ensure it remains straight. Fill the hole with the original soil, tamping firmly after each three-inch layer of soil. Fill the entire hole, then cut a square in the ground approximately 6" deep and 3' by 3' square. Frame with wood if desired. Fill this with concrete or cement to create a base. Pouring a cement pad around the base of the pole provides more stability and is easier to remove than setting the entire post base in cement. An added benefit is that you can easily collect the guano for gardening as it accumulates on the pad.

