

DONOR TREE with CANOPY

Installation Instructions

Metal Plaques

Drywall

Supplied: mounting pattern for canopy and trunk, (8) 3/8-16 brass mounting studs for trunk, 10-24 Cobra Flip toggles, 4-40 x 3/8" brass leaf screws, 10-24 x 3" SS flat head machine screws, 10-24 x 3" threaded studs, 1"x 1/2"OD nylon spacers.

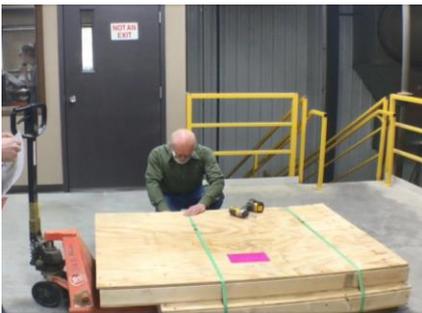
Tools / Supplies Recommended: level, drill, 1/2" spade bit, stud finder, tape measure, sharpie, painter's tape, adhesive, compressed air, phillips and blade screw drivers.



The following is a guideline to help install a cast bronze Donor Tree, with an acrylic canopy, onto a drywall surface. Shown is the canopy with pre-assembled leaves (optional). Our standard is to ship without the leaves assembled.

1. INSPECT and OPEN CRATE

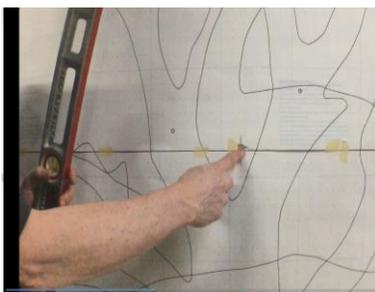
- a. Inspect crates for any shipping damage – photograph visible damage for carrier claims.
- b. Open crate and inspect plastic canopy for damage. Inspect contents for complete order.
- c. Carefully support (2 person operation) and remove canopy from crate. Inspect for required hardware.
- d. Remove braces, unpack, and inspect bronze trunk.



2. PREPARE MOUNTING HOLES

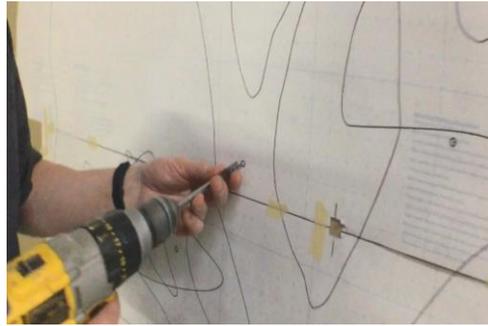
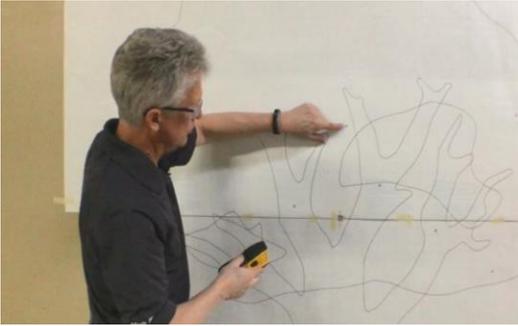
a. **Locate installation location.**

- i. Tape together two piece pattern, per alignment marks on line drawing.
- ii. Align pattern on wall, per install location requirements. Open hole in center of pattern to help with proper alignment.
- iii. Locate wall studs with stud finder and mark location on pattern.
- iv. Adjust pattern, as needed, to keep install holes off wall stud locations.
- v. Level pattern and securely tape flat to wall.



b. Drill holes.

- i. Locate trunk holes vs. canopy holes on paper pattern.
- ii. Drill small, shallow pilot holes through all hole locations on pattern, into drywall.
- iii. Mark trunk holes onto drywall, with sharpie, to ID later when installing anchors.



c. Remove pattern.

- i. Once all holes have been drilled (double check on pattern), remove pattern from wall and save for possible future reference during your install.



d. Drill mounting holes.

- i. Locate trunk holes vs. canopy holes. (trunk holes should have sharpie mark). Place "X" over trunk holes to ID for use. Make "X" just wider than the 1/2" hole you will be drilling.
- ii. Drill through all pilot holes using a 1/2" spade bit. Drill through full drywall thickness.
- iii. Blow drywall dust out of all holes (prepare for adhesive).



3. INSTALL TRUNK

a. Prepare studs

- i. Screw 3/8" studs into all threaded bosses on trunk. Some installers use a Loctite type product to fully secure studs into tapped holes.

b. Dry fit

- i. Align trunk with studs secured, over drilled holes, to confirm that holes are properly aligned/drilled). Manually align trunk (2 person job) over drilled. (Do not press into holes yet). If any hole is out of alignment, open hole with bit to accept stud.

c. Apply adhesive

- i. Once aligned, and holes are clear of dust, fill holes with ample amount of adhesive.
- ii. Apply ample adhesive to stud bosses and threaded studs. Keep adhesive away from edges and sides of the trunk.

d. Install

- i. Press assembled threaded studs and trunk into wall holes – tight to drywall.

e. Secure

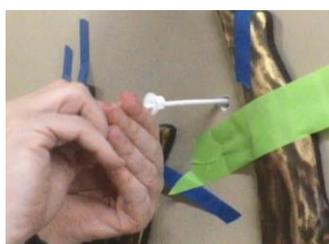
- i. Tape trunk securely to drywall, with long strips of painter's tape, to hold plaque in place until the adhesive sets.
- ii. Leave trunk taped to drywall until adhesive sets – or does not pull away.



4. INSTALL CANOPY

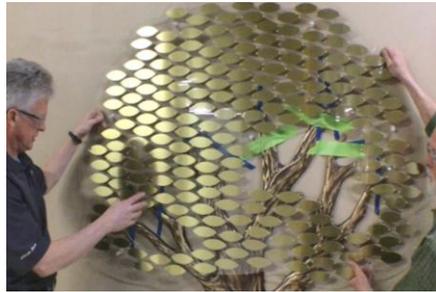
a. Prepare J-hook anchors.

- i. Press anchors into drilled canopy holes until toggle is in drywall cavity.
- ii. Pull back tight on anchor and slide anchor disk up flush to hole/wall.
- iii. Once tight with wall, break off remaining tail.



b. Install spacers and align canopy.

- i. Temporarily thread 10-24 studs into each anchor – about 1” deep.
- ii. Slide 1” nylon spacers over threaded studs.
- iii. Carefully lift canopy (2 person job) and align canopy holes with studs and spacers.



c. Insert screws.

- i. While one person holds canopy over studs and spacers, the second person unscrews one temporary stud - while holding the spacer in place. Replace stud with a supplied 3”, 10/24 machine screw. Tighten screw into anchor, by hand, until snug (do not overtighten).
- ii. Once all studs are replaced with machine screws, replace stock leaves, using supplied 3/8” brass screws. Again, only screw in by hand and do not over-tighten.



d. Final Inspection.

- i. Remove any remaining tape off trunk (if stud adhesive is set).
- ii. Clean plastic canopy as needed. Perform final inspection.
- iii. Remove individual leaves as needed – to engrave.

