

Monofilament Recycling Bin Installation & Maintenance Instructions

We know that every area is different so feel free to use the method that works best for you. Below are some suggestions. If you do not own the property where you are installing the bin, be sure to obtain the necessary permission before installing the recycling bin.

- Decide where you are going to install the bin and sign. Using a long drill bit (8"), drill 2 holes in the supporting wood (post or railings). The holes should be placed such that the upper hole will line up with the lower part of the elbow and the lower hole lines up with the collar of the adapter. Drill a hole through the base of the elbow at the back of the bin.
- Use bolts or all-thread to attach the bin to the post at the top hole. Lok-tite may be used on the threads to try and keep the nuts from coming loose.
- From the back side of the post, drill through the existing hole and through the collar of the adapter. Use a second bolt or piece of all-thread to attach the bin through these holes.
- If using all-thread, use a reciprocating saw or bolt cutters to cut off the excess material.



Alternate method of installation:

In relatively secure areas (paid-access fishing piers, for example), or where you must attach the bin to a concrete railing, you can use long cable-ties (tie-wraps) to wrap around the post and bin in 2 or 3 places. You can purchase tightening tools for the cable ties which will allow you to get a snug fit. The cable ties are available from Home Depot in 34" and 48" lengths. The excess part of the cable tie should be cut off using the tightening tool or snips.

Deterring vandals

You can help prevent removal of 4x4 posts in one of two ways: 1. Use concrete to help set the post in the ground; 2. Nail or screw a piece of 2x4 perpendicular to the 4x4 post, as close to the ground as you can. This will prevent people from being able to rock the post back and forth.

If the container is attached to a pier/railing, you can attach a 2x4 or 4x4 to the pier adjacent to both sides of the container—this also helps stop people from rocking the container back and forth and breaking it loose.

Suggested tool list

Tools listed as "optional" will make your life easier, but may be fairly expensive. However, if you or a volunteer happen to already own them, plan to bring them along!

Bin installation:

- Post-hole diggers (if installing 4x4 post)
- Cordless drill with long (8") drill bit (3/8" preferred)
- Wrenches to fit nuts you will be using to install (2 wrenches or ratchets with sockets or combination of the 2)

(continued)

- Hacksaw or bolt-cutters (if using all-thread)
- Screwdriver (or screwdriver bit for drill) (if attaching signs; use stainless steel screws)
- Cable-tie tightener (available from Home Depot online or at A/C supply companies) if using cable ties

Optional: Bucket and small shovel/trowel for mixing concrete, reciprocating saw with metal-cutting blade (if using all-thread)

Suggested items for volunteers who are collecting line from containers:

- Grocery store bags (to collect line)
- Nail clippers or small pair of scissors (to remove hooks, etc.)
- Large pair of pliers or large wrench (in case plug is too tight)
- Short stick with cuphook on the end (used to reach inside container and pull down line without having to put one's hand inside it)
- Spray bottle with 10% bleach (for occasional rinsing of inside of containers)

Maintaining your Monofilament Recycling Bin

1. To clean out your bin, put a bucket or bag underneath it, unscrew the bottom cap and using a gloved hand and hook or similar tool, pull the contents out, letting them drop into the bucket or bag. Carefully clean the line of hooks and debris.
2. Weigh the monofilament you collected. Note whether you are including the weight of the box or not.
3. Log in to the BoatU.S. data reporting system (<http://www.boatus.com/monofilament/>) and record the weight, date, and details of your collection. A user account has been set up for each bin manager. Contact Michigan Sea Grant if you have trouble logging in.
4. Ship the monofilament to:

**Berkley Recycling
1900 18th Street
Spirit Lake, IA 51360-1041**

5. Check in on our program webpage for updates! See: <http://www.miseagrant.umich.edu/>

