



877-840-0881
www.hendrickarch.com
arch@hendrickcorp.com
Carbondale, PA | Elgin, IL | Owensboro, KY

Installation Instructions

IMPORTANT INFORMATION

Before beginning installation read carefully.

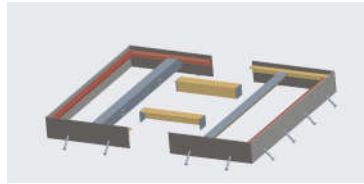
- Ensure crate is undamaged at time of delivery. Receiver must note on carrier's receiver that crate was damaged at time of receipt.
- Unpack crate and check the contents to packing list and drawings to ensure all parts have arrived prior to beginning installation.

SITE PREPARATION FOR POURED CONCRETE

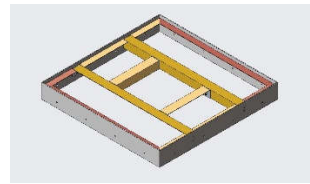
- Excavate tree pit.
- Fabricate wood form within excavated area setting at proper finished grade.
 - Form should be a minimum of 6" deep to allow for installation of finished frame supplied by Hendrick.
 - The outside of form dimensions should be 1/16" per side larger than outside of frame being supplied by Hendrick for the project.
 - The form should be level and square.
 - Brace up inside of form to ensure there is no movement at time of concrete pour.
- Pour concrete around form and allow to cure based on recommended cure time for product being used.
- Remove form and clean up any areas that may hinder a smooth installation.

INSTALLATION OF FRAME

- You are now ready to start installation of the Hendrick tree grate frame.
 - Remove frame components, grates and hardware from crates.
 - Hendrick offers both an embedded style frame and a drilled anchor system.



Embedded Option



Drilled Anchor Option

- Depending on the size of the tree grate that is being supplied, the frame may have come in multiple pieces which may be installed individually within the tree pit opening.
- The tree grate frame is designed to be installed with the top surface of the frame set flush with the finished concrete or paver surface surrounding the tree grates.
- It may be necessary to remove “H” frame to set tree in place after concrete has cured.

EMBEDED FRAME

- Build a wooden form to support the tree grate embedded frame.
 - The frame should set level with top surface of finished concrete or paver system.
- Assemble and install “H” Style frame (if provided) to ensure the tree grate frame will hold its shape during the pour.
- Wire the frame to the wooden form to prevent movement during the pour and curing process.
- Pour concrete and allow to cure as recommended.

DRILLED ANCHOR FRAME

- Set frame and mark mounting locations to drill concrete for the anchors. Hendrick recommends the use of a Hilti 1/2" diameter fastener with a minimum 3" length stainless steel material at all hole locations.
 - These fasteners are not part of the installation package provided by Hendrick due to some preferences of the installing party.
 - Follow instructions for use of the type of fastener being used.
- Ensure each section of perimeter frame is set level to each of the mating pieces.
- Assemble the “H” style support frame supplied for your project.
 - The “H” style frame is meant to bolt into place around the tree for ease of access at a later point.

INSTALLATION OF TREE GRATE

- Remove the tree grate sections from the crate.
- Set tree grate sections in place and align bars and or supports as needed.
- Reaching down between the surface bars, mark each of the mounting locations on the frame members.
- Remove tree grate sections.
- You will now need to drill and tap these locations for a 10-24 mounting screw.
- Once all locations have been match drilled, it is time to install the tree grate.
- Your tree grate may have come with a slotted plate where the sections meet up that will allow you to fasten them together around the tree. (if not skip to next section)
 - Set the tree sections around the tree and bolt each to its mating half by using the bolts and nuts supplied with your system.
 - This may require raising up each side to tighten the bolts and nuts.
- Flip the tree grate sections over and slide the screw and washer into the mounting locations.
 - You can use a piece of electrical or masking tape on the backside of these tabs.
 - Punch the screw thru the tape to temporarily hold them in place.
- Set the tree grate sections in place and align bars and or supports as needed.
- Using a 1/8" long handled hex tool that came with your tree grate, reach between the surface bars and start each of the screws into the holes in the frame.
- Once they have all been started, continue tightening all of them down.
- Your tree grate should now be completely installed.