

ECLIPSE®

CONCRETE SURFACE INSTALLATION



GRUB-SCREWS ARE IN PLACE TO PROTECT THE THREADED HOLES ON BASES DURING SHIPPING AND STORAGE. THEY MUST BE REMOVED AND DISCARDED BEFORE THE INSTALLATION OF ANY UMBRELLA.

Your Eclipse® Cantilever comes with the Spigot already inserted in the mast of your umbrella. Once you have properly installed to your selected mount/base option, remove the Spigot from your umbrella and you can begin to mount your Spigot to the Deck Plate, and then the umbrella. (see **FIGURE 4**).

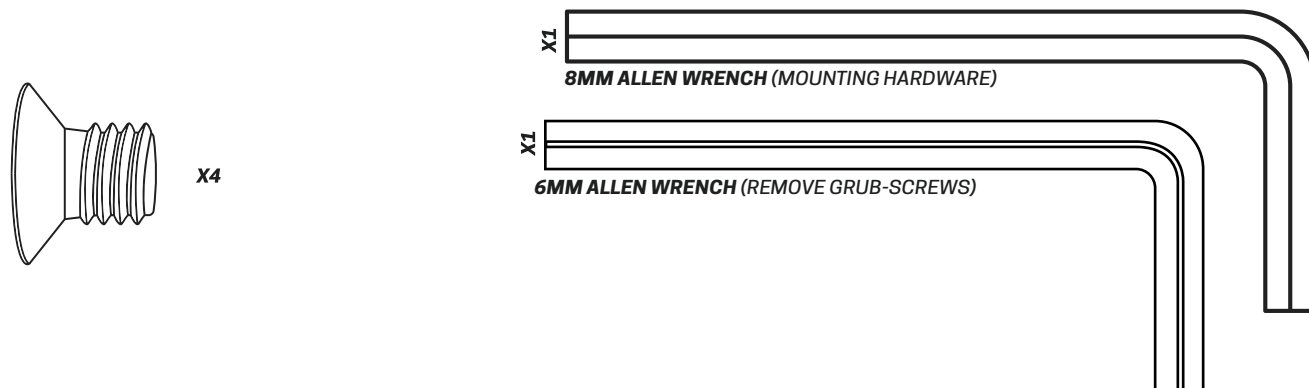
IMPORTANT: Minimum recommended anchored depth should be no less than 3". We highly recommend there being at least a depth of 3.5" on any concrete or solid surface to anchor your umbrella into.

TOOLS & MATERIALS NEEDED

- (x4) 1/2" x 3 3/4" Concrete Wedge Bolts (Longer can be used) - Min. length of 3" if applicable.
- Marker/Paint to mark drill point on surface
- Level
- 1/2" Open ended or box wrench (Torque Wrench is optimal)
- Hammer Drill / 1/2" x 4" Carbide mason hammer drill bit 4" +
- 1/2" Open ended or box wrench.
- Hammer
- Can of Air / Air Compressor

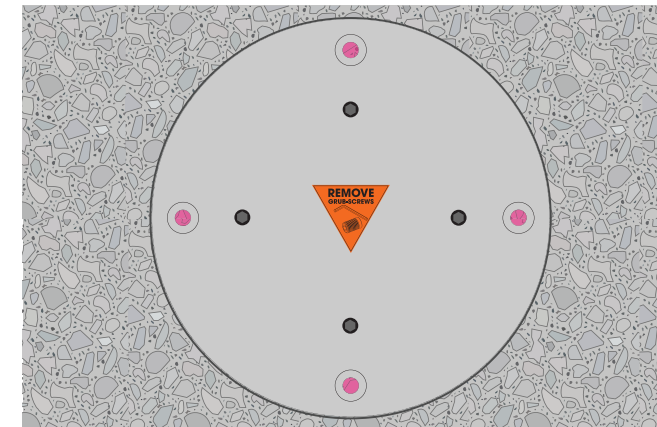
1. Unpack your Deck Plate and place onto the position you plan on installing your cantilever umbrella. Using a marker or spray paint, mark through the bolting pattern (**FIGURE 1 :magenta:**) onto the concrete.
2. Now that your marks are in place, measure the depth you intend to drill on the drill bit and add at least 1/2" to the depth and mark with a piece of masking tape around the drill bit (min. 3" + 1/2"). (**FIGURE 2**)
TIP: BE SURE TO DRILL 1/2" DEEPER THAN THE ANCHOR AND REMOVE DUST FROM THE HOLE THAT WOULD PREVENT THE ANCHOR FROM COMPLETELY DROPPING IN.
3. Set your Deck Plate back in place over the holes you have just drilled. Drop your wedge or sleeve anchors in, and if needed, use a hammer to pound the anchors fully down and into the Deck Plate. The washers should nestle nicely into the edge of the countersunk hole, or overlap the countersunk hole. Either is perfectly fine and will not compromise the installation (**FIGURE 3**).
4. Using your 1/2" wrench or a drill, torque down the anchors to 55 lbs. (74Nm) of torque wrench is available (**FIGURE 3**).
5. Now that your Deck Plate is in place and secured, double check that the grub-screws are removed from the inner pattern, retrieve your Spigot from the mast of your cantilever and set onto the Deck Plate in place over the threaded holes.
6. Using the supplied hardware that is packed with your umbrella, bolt the Spigot onto the Deck Plate (**FIGURE 4**). Once your Spigot is secure to the Deck Plate, begin to lift the Eclipse® onto the Spigot until you hear an audible "click" indicating your umbrella is secure.

INCLUDED DECK PLATE SPECIFIC MOUNTING HARDWARE



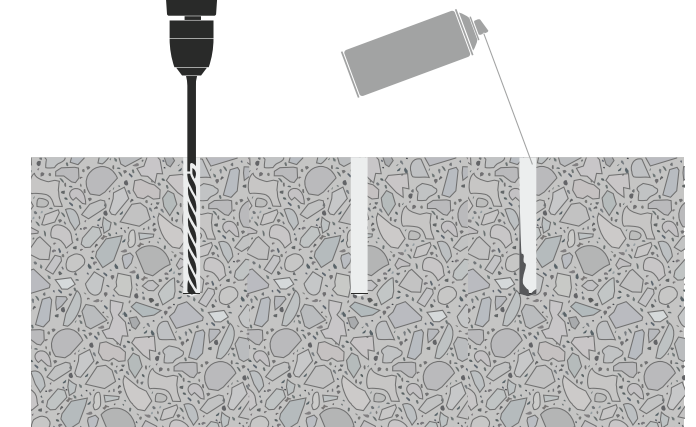
IMPORTANT: You will need at least 3 1/2" of solid depth for a sufficient installation. Any shallower than 3" the integrity of the install may be compromised causing catastrophic failure to your surface, the umbrella and surrounding property. Always consult a professional before installing.

FIGURE 1



Put the Deckplate in place where you intend to mount your umbrella and mark where you need to drill into the concrete.

FIGURE 2



Drill your markings that you've marked by wrapping tape on your drill bit. (**See TIP**)

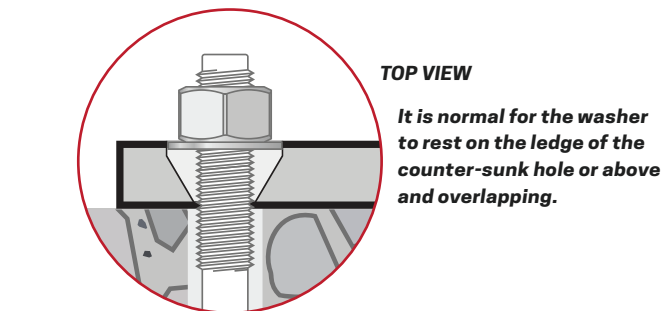
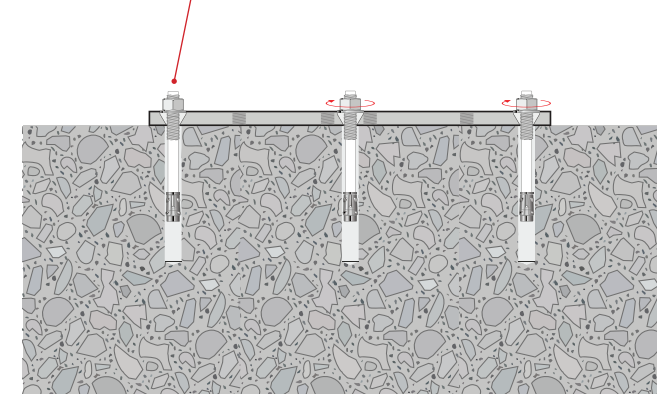


FIGURE 3



Drop your wedge anchors in (hammer in if-needed), and torque down all four bolts.

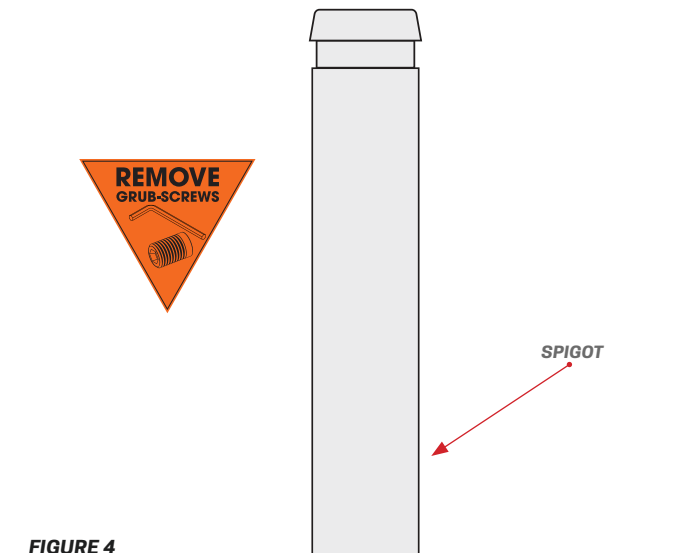
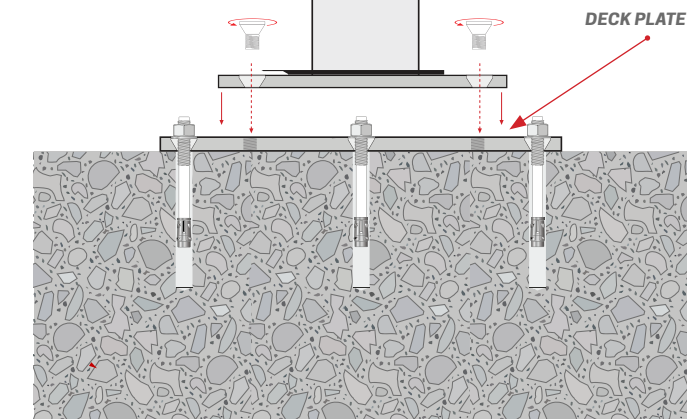


FIGURE 4



Mount your Spigot to the inner four threaded holes exposed by removing the grub-screws.