



Thread Extender 1" to 3/4" Adaptor Installation Guide

The Thread Extender 1" to 3/4" Adaptor (TE1-.75) is designed to bolt to 1-inch anchor bolts and provide a 3/4 inch stud; in the event that the base plate of a light pole has 3/4 inch holes and the anchor bolts are 1-inch. There is no bolt pattern adjustment with the TE1-.75.

Installing the TE1-.75.

1. Remove any debris from the anchor bolts and footing.
2. Ensure there is at least 1" of useable thread above the jam nut.
 - a. The TE1-.75 must have at least 1" (8 threads) of good thread engagement with the anchor bolt.
 - i. Thread extenders can accept, at most, 1 3/4" of thread (14 threads).
 - b. Excess anchor bolt can be cut off to prevent lifting the light pole as much as possible.
 - c. Optimal anchor bolt length above the jam nut is 1 3/8". This allows for 3/8" of vertical adjustment in both directions.
3. Install all 4 Thread Extenders onto the anchor bolts, ensuring they are all at the same height.
 - i. Lower all the jam nuts as close to the concrete as possible.
 - ii. Install a thread extender onto the longest anchor bolt until it bottoms out.
 - iii. Level all other thread extenders to the first thread extender.
 1. Ensure the shortest anchor bolt has at least 1" of thread engagement with the thread extender.
4. Tighten each jam nut to prevent the thread extender from rotating.
5. Install your light pole onto the thread extender studs.
6. Install the provided washer and pole nut onto the stud and tighten the nut.
7. The light pole can be leveled by losing the pole nut slightly, loosening the jam nut under the thread extender, and rotating the thread extender.
 - a. When leveling, always make sure to keep 1" of thread engagement.
8. Retighten the jam nut, then the pole nut. Recheck pole level.
 - a. Be sure to check the pole level with all nuts snug.
9. Excess thread extender stud can be cut off above the pole nut, after pole is installed, leveled, and all nuts are tight.

Extra deep base covers are available to cover all hardware, if the existing base cover is not tall enough.