



# Anchor Bolt Adapter Installation Guide

This will take you through the steps to install an Anchor Bolt Adapter (ABA) for the purpose of correcting an incorrect anchor bolt circle.

1. Remove any existing washers and nuts.
  - a. Ensure there is a minimum of 1 inch of useable thread on the shortest anchor bolt.
2. Install the Anchor Bolt Adapters onto the existing anchor bolts, ensuring there is at least the bolt width of thread engagement. (.75" of useable threads for a .75" bolt and 1" of useable threads for a 1" bolt)
  - a. Either of the 2 holes can be used, depending on the amount of offset that is needed.
  - b. Using a level, adjust the height each ABA until they are all at the same level.
  - c. Washers can be used if exact level cannot be found.
3. If your existing anchor bolt is long enough to protrude out of the top of the ABA, cut off the excess bolt.
  - a. Be cautious not to damage the threaded stud on the ABA.
4. Paint the inside of the unused ABA hole with a rust preventative paint.
5. Set you pole on the new ABA studs.
6. Install a washer and nut on each stud.
7. Tighten the new anchor nut 1/3 turn past snug fit.
8. Confirm that all nuts are tight, there is no pole movement, no loose washers, and the pole is level.
9. Installing a base cover is recommended to protect the pole base, hardware, and the public.
  - a. A deep base cover may be needed.

Light Pole Systems' Anchor Bolt Adapter EPA chart  
 Max EPA in 100MPH Windzone with 1.3 Gust Factor  
 ABA.75/1-.75 150lbs/ABA1 550lbs Fixture Weight

Pole Height	.75 Center Hole Adjustment	.75 Outside Hole Adjustment	ABA1 Center Hole Adjustment	ABA1 Outside Hole Adjustment
	2.2"	4.4"	2.5"	5"
15	17	7	>20	12
20	13	5	>20	9
25	11	5	20	7
30			15	6
35			13	5
40			12	5