This set includes 4 adapters with nuts and washers

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 (ABA) onto the existing anchor bolts, ensuring there is at least the bolt width of thread engagement. (0.75 inch of useable threads for a 0.75 inch bolt and 1 inch of useable threads for a 1 inch bolt)**
   a. Either of the 2 holes can be used, depending on the amount of offset that is needed
   b. Using a leveling tool, adjust the height of each ABA until they are all at the same level
   c. Washers can be used if the exact level cannot be found

3. **Cut off the excess bolt If your existing anchor bolt is long enough to protrude out of the top of the ABA**
   a. Be careful 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 your 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 a snug fit**

8. **Confirm that all nuts are tight with no pole movement or loose washers and that 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

---

**Anchor Bolt Adapter EPA Chart**

Maximum EPA in 100mph windzone

 Fixture weight: ABA34 & ABA175 200lbs./ABA10 400lbs.

<table>
<thead>
<tr>
<th>Pole Height (feet)</th>
<th>ABA34 Center Hole Adjustment 2.2&quot;</th>
<th>ABA34 Outside Hole Adjustment 4.4&quot;</th>
<th>ABA10 Center Hole Adjustment 2.5&quot;</th>
<th>ABA10 Outside Hole Adjustment 5&quot;</th>
<th>ABA175 Center Hole Adjustment 2.5&quot;</th>
<th>ABA175 Outside Hole Adjustment 5&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>17</td>
<td>7</td>
<td>20</td>
<td>12</td>
<td>17</td>
<td>7</td>
</tr>
<tr>
<td>20</td>
<td>13</td>
<td>5</td>
<td>20</td>
<td>9</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>25</td>
<td>11</td>
<td>5</td>
<td>20</td>
<td>7</td>
<td>11</td>
<td>5</td>
</tr>
<tr>
<td>30</td>
<td>N/A</td>
<td>N/A</td>
<td>15</td>
<td>5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>