Installing the AeroConversions Air Filter
Instruction No. ACV-R10-01  (Rev B. 080315)

ACV-C10-30 Air Filter Assembly
Complete Assembly consists of:

<table>
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<tr>
<th>Key</th>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>ACV-C10-31</td>
<td>Filter Cover (Flat Plate)</td>
</tr>
<tr>
<td>2</td>
<td>ACV-C10-32</td>
<td>Air Filter Mount Plate</td>
</tr>
<tr>
<td>3</td>
<td>ACV-C10-33</td>
<td>Air Filter Element</td>
</tr>
</tbody>
</table>

Note: The stock filter element can be replaced by a long-life K&N air filter element, K&N part number E-4310 (not sold by Sonex Aircraft).

4. AN3-25A..............Bolt, Qty. 4
5. AN960-10..............Washer, Qty. 4
6. AN365-1032A........Lock Nut, Qty. 4
7. AN3-11A..............Bolt, Qty. 1
8. AN960-10L..........Light Washer, Qty. 1

The optional AeroConversions air filter is mounted directly to the intake bell of the AeroCarb.

1. Slide the air filter onto the intake bell as far as it will go.

Note: The mounting flange of the air filter has 4 mounting holes, however only one bolt is needed to secure the air filter to the AeroCarb. The other holes may be used for additional mounting screws, if desired.

2. Insert a 3/16" diameter drill bit through any of the mounting holes in the air filter and twist it a few times to leave a mark on the AeroCarb's intake bell.

3. Remove the air filter and carefully drill a 1/8" diameter pilot hole squarely through the intake bell at the mark.

4. Up-drill the hole with a #21 drill.

5. Tap the hole with a 10-32 tap.

6. Place the AN960-10L washer on the AN3-11A bolt, apply Locktite 242 to the threads of the bolt, and attach the air cleaner to the bell of the AeroCarb.