



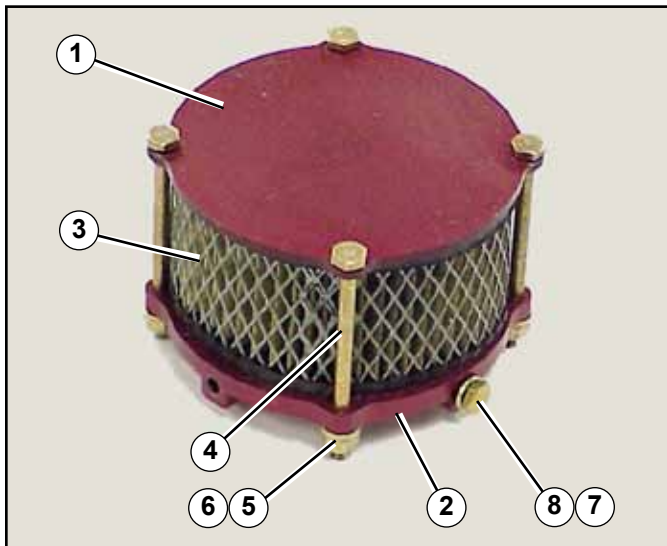
AeroConversions

A Product Line of Sonex Aircraft LLC

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Installing the AeroConversions Air Filter

Instruction No. ACV-R10-01 (Rev B. 080315)



ACV-C10-30 Air Filter Assembly

Complete Assembly consists of:

Key	Part No.	Description
1.....	ACV-C10-31	Filter Cover (Flat Plate)
2.....	ACV-C10-32	Air Filter Mount Plate
3.....	ACV-C10-33	Air Filter Element
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.

- 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.

- 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.



Twist, by hand, a 3/16" drill bit in one of the mounting holes to mark the bell of the AeroCarb.

- Remove the air filter and carefully drill a 1/8" diameter pilot hole squarely through the intake bell at the mark.
- Up-drill the hole with a #21 drill.
- Tap the hole with a 10-32 tap.



The intake bell drilled and tapped for the AN3-11A bolt provided with the air filter.

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