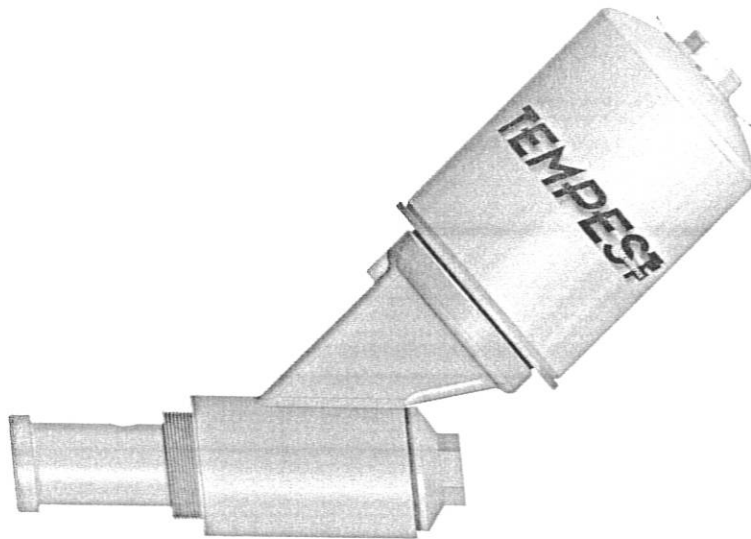


**MODEL C6LC-L  
OIL FILTER ADAPTER**

**Model C6LC-L oil filter adapters are approved for  
use on the following Continental engines:**

O-470 Series  
IO-470 Series (Sand Cast)  
IO-520 Series (Sand Cast)  
IO-550 Series (Sand Cast)  
TSIO-520 Series (Sand Cast)



RECORD OF REVISIONS

| Revision | Revision Date | Description of revision |
|----------|---------------|-------------------------|
| -        | 04/06/2017    | Initial release         |
|          |               |                         |
|          |               |                         |



## MODEL C6LC-L INSTALLATION INSTRUCTIONS

1. Verify that the following parts are included with your oil filter adapter kit.

| <u>QUANTITY</u> | <u>PART NO.</u> | <u>DESCRIPTION</u> |
|-----------------|-----------------|--------------------|
| 1               | C6LC-2L         | Body               |
| 1               | C6LC-3L         | Transfer Cylinder  |
| 1               | AA48108-2*      | TEMPEST Oil Filter |
| 1               | AN900-28        | Copper Gasket      |
| 1               | FM-07           | Fiber Gasket       |
| 1               | SE09356SC       | STC                |

\*Standard with kit. See page 4 for other acceptable filters.

2. Remove the oil screen. Thoroughly clean the threads of the oil pump housing.
3. Install the copper gasket onto the oil transfer cylinder, split side away from the cylinder's flange.
4. Place the fiber gasket onto the oil transfer cylinder. **DO NOT USE GASKET COMPOUND ON THIS GASKET OR ON THE OIL FILTER ADAPTER. THIS GASKET MUST BE INSTALLED DRY.**
5. Insert the transfer cylinder into the adapter body.
6. Apply engine oil to the oil pump housing threads.
7. Thread the transfer cylinder into the oil pump housing. Temporarily install the oil filter to be used onto the oil filter adapter. Check for at least 3/8-inch of clearance between the oil filter other items in the engine compartment. Using a torque wrench, tighten the transfer cylinder to 65 foot pounds of torque. Use of a torque wrench is mandatory per the ICA. Remove the temporarily installed filter.
8. Safety-wire the oil transfer cylinder **to the engine accessory case.**
9. Install the oil filter in accordance with the oil filter manufacturer's installation instructions and safety-wire it.



10. Check the engine oil level. If adequate, start the engine and check for leaks around the oil filter and the adapter. If there are no leaks, shut the engine down and check the oil level again. The filter holds about a quart. Thus, the oil level may be lower. Adjust the engine oil level as necessary.

**ATTENTION:**

**THE OIL FILTER ADAPTER TRANSFER CYLINDER MUST BE RE-TIGHTENED TO 65 FOOT POUNDS OF TORQUE BETWEEN 8 AND 12 HOURS OF OPERATION AFTER ITS INSTALLATION OR ANY TIME THE ADAPTER IS REMOVED AND REINSTALLED. USE OF A TORQUE WRENCH IS MANDATORY.**

In addition to the description of work you provide in Section 8 on the Form 337, you must include the following statement:

“A minimum of 3/8-inch clearance must be maintained between the oil filter and adjacent items in the engine compartment. Make sure that adequate clearance exists on all sides of the filter to allow for the engine’s movement in its mounts so that no interference occurs with controls, cables, wires, or other items. If the oil filter adapter is loosened, or removed from the engine for any reason, it must be re-installed using new gaskets, tightened in accordance with these installation instructions and properly safety-wired”.

Spin-on oil filters approved for use on the applicable engine and airframe are approved for use with the stratus oil filter adapters.

Oil Filter Adapter C6LC-L is typically used on the following aircraft:

- Beechcraft Bonanza
- Beechcraft Debonair
- Cessna 205, 206, 207, 210, 310
- Grumman Widgeon
- Meyers
- Navion
- Twin Commander



#### Limited Warranty

STRATUS warrants that this oil filter adapter is free from defects in material or workmanship for a period of 90 days from the date of the original purchase by the consumer when installed in compliance with the manufacturer's installation instructions and it is used for its intended purpose. In case of defects in material or workmanship, STRATUS's obligation is to repair or replace the product at STRATUS's sole discretion. STRATUS assumes no responsibility for incidental or consequential damages or damage due to improper installation, misuse of this product, or from failure to follow the engine manufacturer's recommendations regarding the care and operation of the engine.

For additional information, please call 843-991-1199 or visit  
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STC SE09356SC

