OIL FILTER INSTALLATION INSTRUCTIONS & AIRCRAFT DOCUMENTS

STC No. SA00402SE

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NOTICE

THESE DOCUMENTS MUST BE KEPT WITH AIRCRAFT RECORDS
5 YEAR LIMITED WARRANTY
ADC Remote Spin-on Filter System

AVIATION DEVELOPMENT CORPORATION (ADC), warrants the ADC Remote Spin-on Filter System for a period of five (5) years from the date of original retail purchase (installation) to be free of any manufacturing defects. This warranty does not apply to the spin-on filter itself, any O-rings, oil lines or fittings.

ADC will provide the necessary parts and labor to repair the products contained in the kit at no extra charge to the customer for 5 years after installation.

ADC will not be responsible for the installer’s workmanship and/or affect on the kit materials.

Warranty service shall be obtained by contacting ADC prior to any warranty service being performed. The product will be repaired and returned to service as soon as reasonably possible. This warranty covers normal customer use and does not cover damage which occurs in shipment or failures which result from alteration, accident, abuse, installation, aircraft or engine misuse, improper maintenance, undue exposure to weather or corrosive environments, or handling deemed improper by ADC.

ADC reserves the right of continuous product development without obligation to install changes in previously manufactured products.

NOTICE: ADC will not be liable for any loss, injury, or damages to persons or property resulting from defects in the kit, nor shall ADC be liable for direct, indirect, incidental, special, or consequential damages of any kind incurred by use of the kit, whether or not the kit shall prove to be other than as warranted (some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you). This warranty gives you specific legal rights and you may also have other rights which vary from state to state.
Installation Instructions for the ADC Spin-on Filter Adapter on Beech Models 33, 35, & 36. Aircraft Spec. No. 3A15 & A-777

1. Locate Filter on Firewall:
   a. Refer to Drawing No. 50020 to locate bracket, Part No. 50002-1 on firewall.
   b. Using the bracket as a template, mark and drill four ¼" holes in removable access panel.

2. Bolt bracket to firewall. See Drawing No. 50000.

3. Bolt adapter, Part No. 50001, to bracket. See Drawing No. 50010.

4. Adapter Installation:
   Remove oil screen assembly from engine and clean out cavity. Install adapter, Part No. 700113 for Continental "E" series engines or Part No. 700111 for 470 or 520 engines. On Continental engines with a factory-installed spin-on system, use adapter Part No. 700110 which also is used on Lycoming engines with spin-on filters. On Lycoming engines without spin-on filters, use adapter, Part No. 700117 (see report No. 1700117). Torque spin-on adapter to 21-25 ft. lbs. Torque all other adapters to 32-35 ft. lbs. Safety wire adapter.

5. Oil Line Installation—See Drawing No. 7000600:
   Attach oil line, Part No. 7000607 from OUT port of adapter to IN port of filter. Attach second oil line from IN port of adapter to OUT port of filter.

6. Install spin-on filter; Champion Part No. CH48108, or CH48109. Torque as instructed on outside of filter. Safety wire to one of the filter bracket mounting bolts.

7. Start engine and bring to operating temperature. Shut down engine and check for oil leaks.

Weight and Balance Data:

<table>
<thead>
<tr>
<th>Item</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil filter, bracket &amp; fittings</td>
<td>2.5 lbs</td>
</tr>
<tr>
<td>Hoses and fittings</td>
<td>1.5 lbs</td>
</tr>
<tr>
<td>Adapter</td>
<td>.8 lbs</td>
</tr>
</tbody>
</table>

This installation must be performed by a licensed A&P mechanic and proper log book entries are to be made. FAA form 337 must be completed and a return to service signed off by an I.A.

Note: Material, practices and workmanship must be consistent with acceptable practices as per AC 43.13.