



Aviation Technical Bulletin

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LYCOMING SERVICE INSTRUCTION #1442

Champion recommends compliance with the following service instruction.

TEXTRON Lycoming

Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc.
662 Oliver Street
Williamsport, PA 17701 U.S.A.

SERVICE INSTRUCTION

DATE:

February 21, 1990

Service Instruction No. 1442
Engineering Aspects are
FAA Approved

SUBJECT:

Improved Oil Filter Bypass Valve

MODELS AFFECTED:

All Textron Lycoming piston engines with dual magneto accessory housing.

TIME OF COMPLIANCE:

At next overhaul or evidence of a filter element collapse.

Reports from the field have disclosed the possibility of oil filter elements collapsing, particularly on cold starts. As a product improvement, a new Spring, P/N 55C21021 and Spacer, P/N 55K21022 are to be used at time of overhaul. See Figure 1 for proper installation of all bypass valve parts.

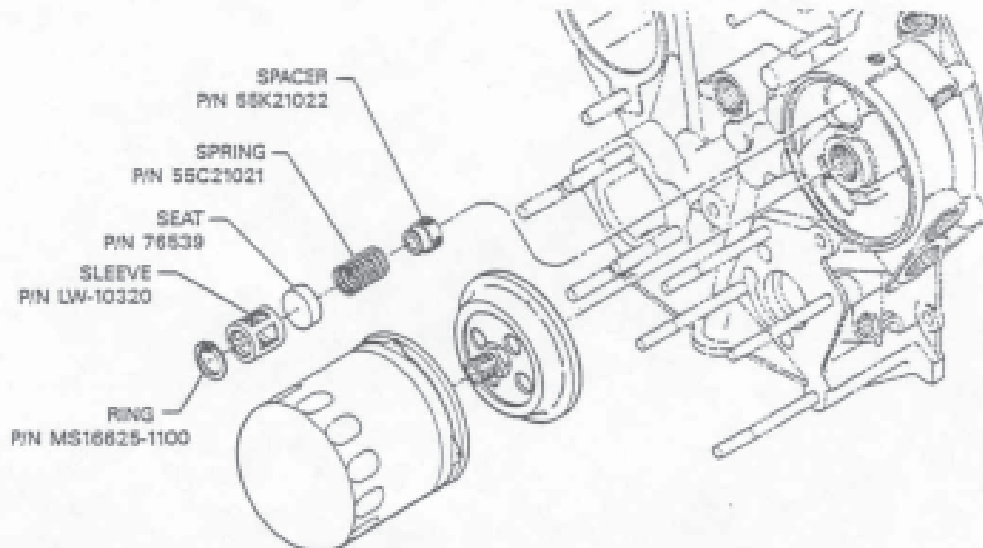


Figure 1. Oil Filter Bypass Valve Installation



General Aviation
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Champion Aviation Products: Your Blueprint for Performance