

No: 000128

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Date: 12-27-79

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Applies: 917-A ENGINE KIT, IO-360-A1D
917-AL 917-AL

C-0002

C CHRISTEN INDUSTRIES INC.
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Subject: Inspect for interference
between engine oil filler
tube and engine mount
member

The location of the outboard end of the oil filler tube at the right rear corner of Lycoming engine crankcases varies considerably from engine to engine.

There is a possibility that on some engines there will be insufficient clearance between the oil filler tube and the adjacent engine mount member to allow for engine movement during the performance of aerobatic maneuvers. A minimum of 1/8 inch clearance is desirable.

If the engine oil filler tube on your engine is too close to the engine mount, it may be heated and reshaped to provide clearance. A small propane torch or an electric heat gun may be used to heat the lower portion of the tube between the molded nut and the base. This will soften the the fiber reinforced nylon tube material so that a 1/4 inch thick spacer may be temporarily wedged between the filler tube and the engine mount member. When the filler tube has cooled it will retain its new shape, and the temporary wedge may be removed.

ENCLOSURES:

None