

SECTION 5

RADIATOR HOSE PROPELLER SPINNER



Rotax aircraft engines are manufactured and supported by Rotax GmbH of Austria. Read and understand the Rotax manuals completely before starting with the engine installation, as they contain important engine installation, operation and maintenance information. Follow all of the important safety information provided in the Rotax manuals regarding the installation, operation and maintenance of the Rotax engine. Read and understand the Rotax Operator's Manual before starting the engine.

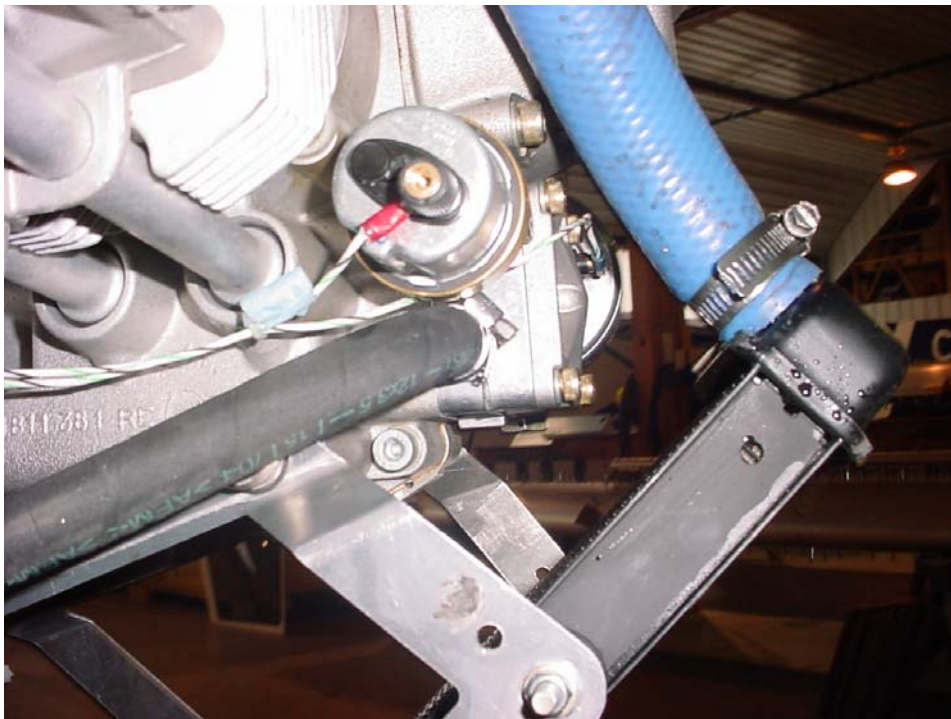
Make sure that your engine is registered with Rotax or an authorized distributor so that the factory warranty is in effect. In the United States, the Rotax distributor is Kodiak Research: <http://www.kodiakbs.com> Contact a Rotax distribution or service partner if you do not understand the instructions or if you have any additional questions. Maintain copies the manuals with the aircraft in case of sale. Obtain current versions of the manuals from the official Rotax website, as well as current service and maintenance information: www.rotax-aircraft-engines.com

If a discrepancy arises between the information provided by Rotax and the following pages, the Rotax manuals and/or service information and instructions take precedence. Zenith Aircraft Company does not manufacture or directly support engines.

Alternative engines will affect performance, specifications and flight characteristics of the aircraft. Also, the weight and balance of the aircraft may be adversely affected by alternative engines, and the original fuel system may not be adequate or suitable for some engines. Most alternative engines will require a custom engine mount and engine cowl.



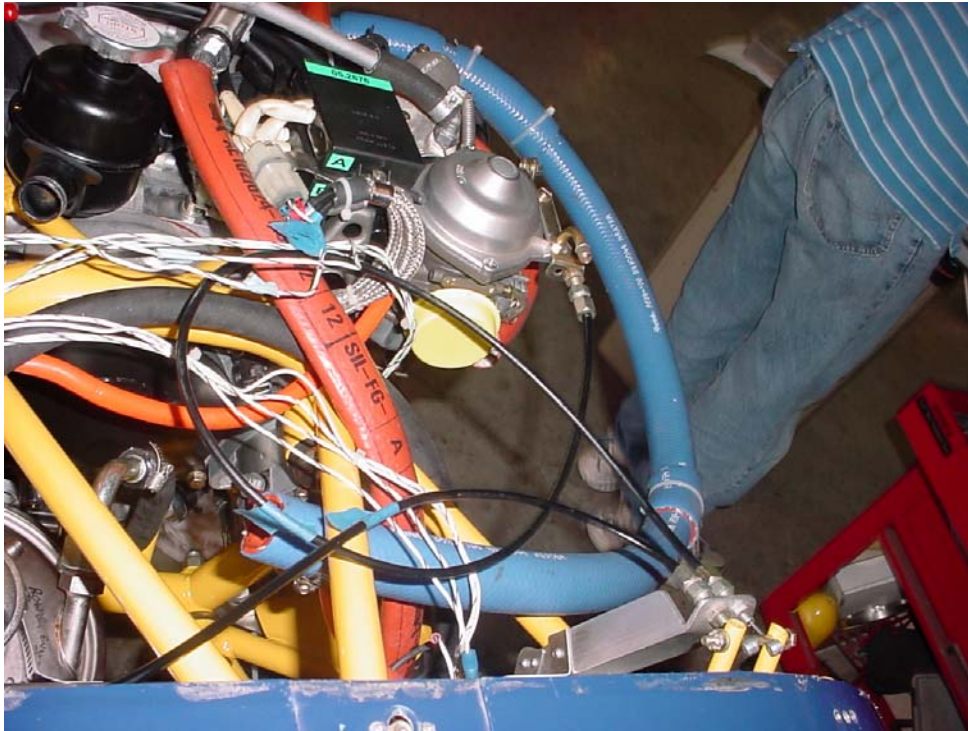
Radiator hose on the right side of the engine runs from the top of the radiator to the pressure reservoir on top of the engine.



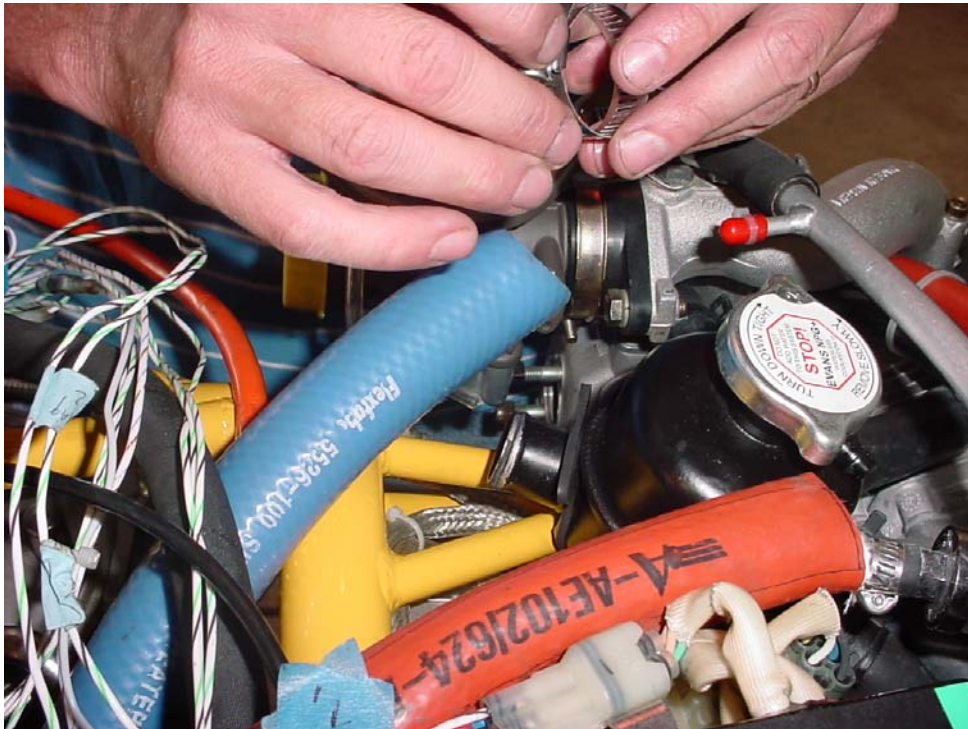
Detail: top outlet on radiator.



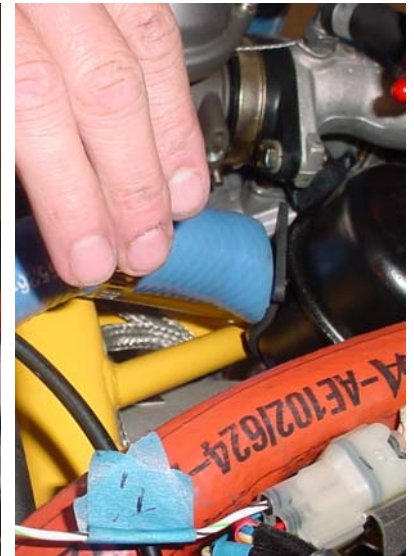
HOSE CLAMPS
P/N: FHC5-16
Qty:4



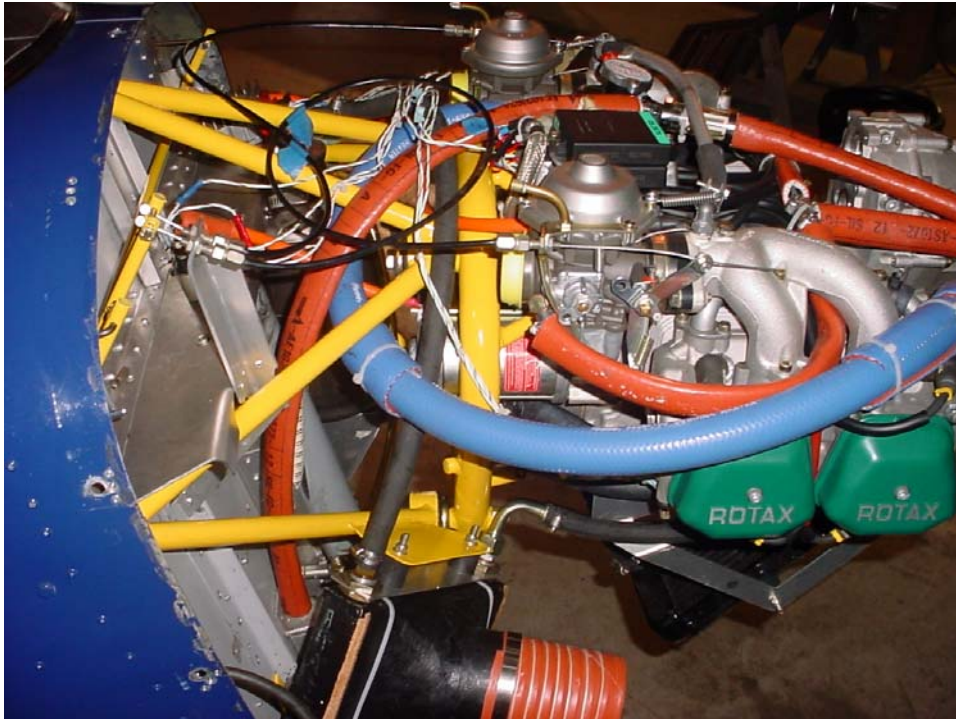
Route the radiator hose underneath the right side of the engine mount.



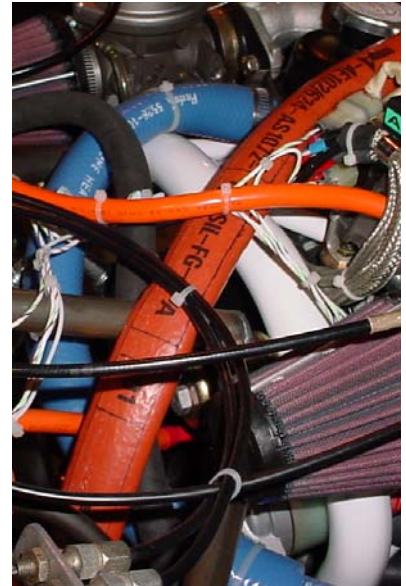
Install the hose clamp on the hose before connecting to the pressure reservoir.



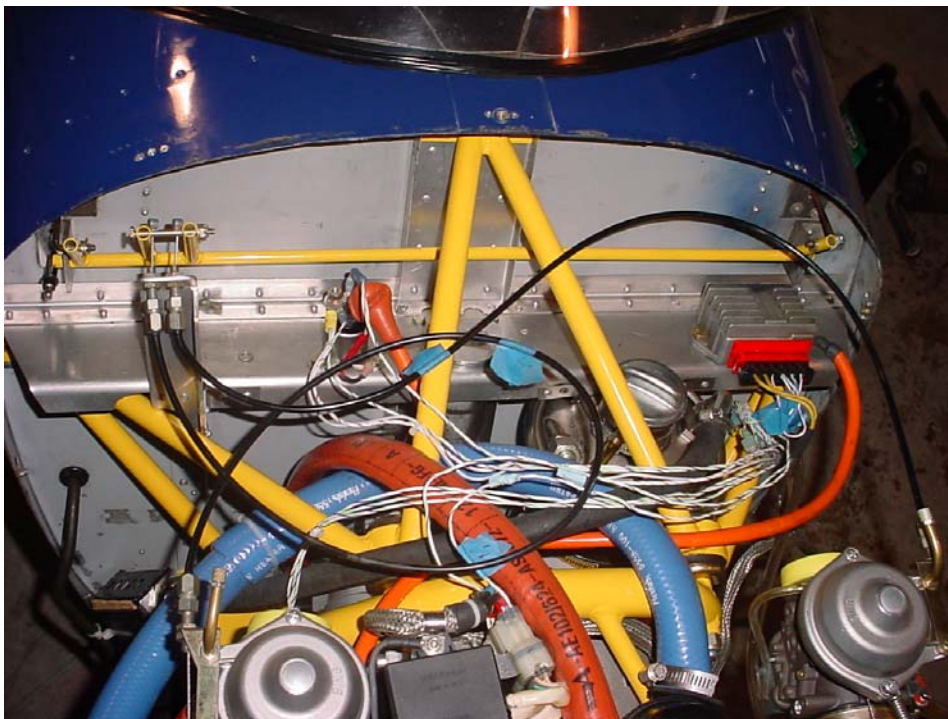
Slide the hose on the pressure reservoir.



Installed radiator hose through right side of engine mount.



Routing of radiator hose over the ring mount.



Top view of radiator hose routing through engine mount.



Safety wire all hose clamps.



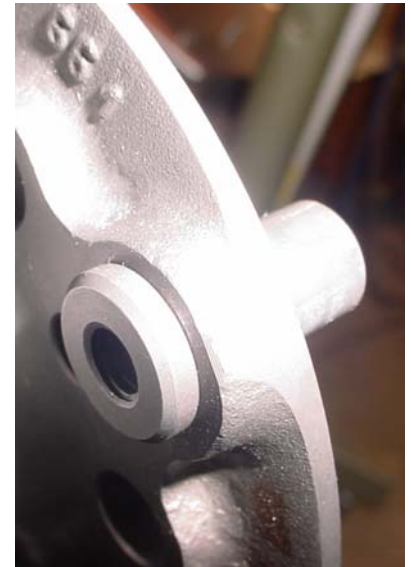
Front view of engine propeller flange.



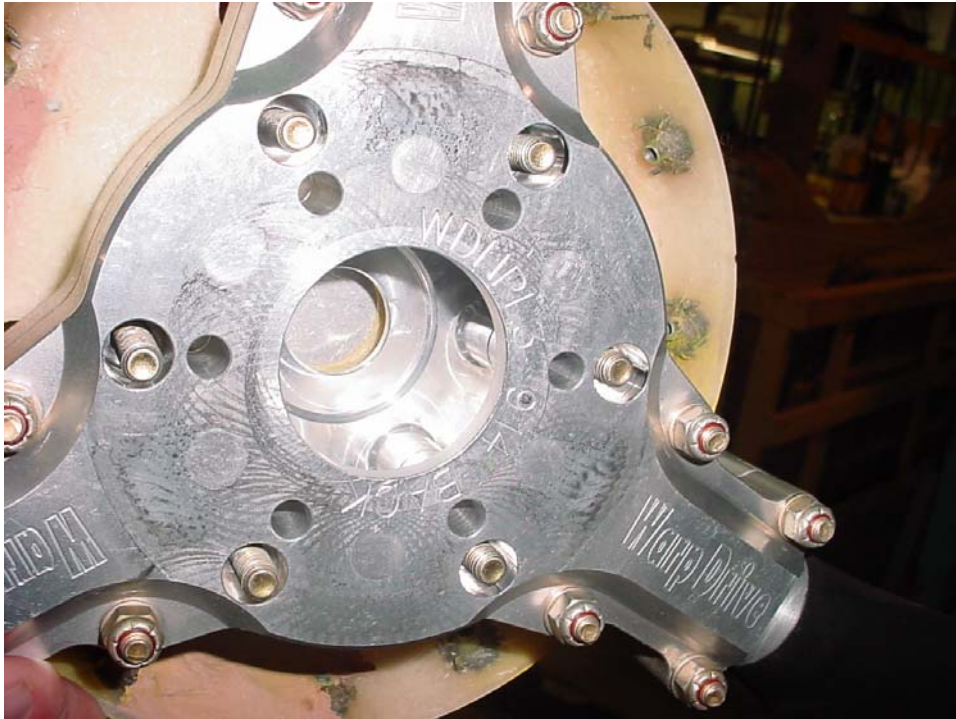
Detail: Front view of pressed threaded fitting.



Rear view of engine propeller flange.



Detail: Rear view of pressed threaded fitting.



Rear view of Warp Drive propeller hub with spinner back plate. See provided instructions for torque values and tightening order.



Note: recess for pressed threaded fitting on engine propeller flange.

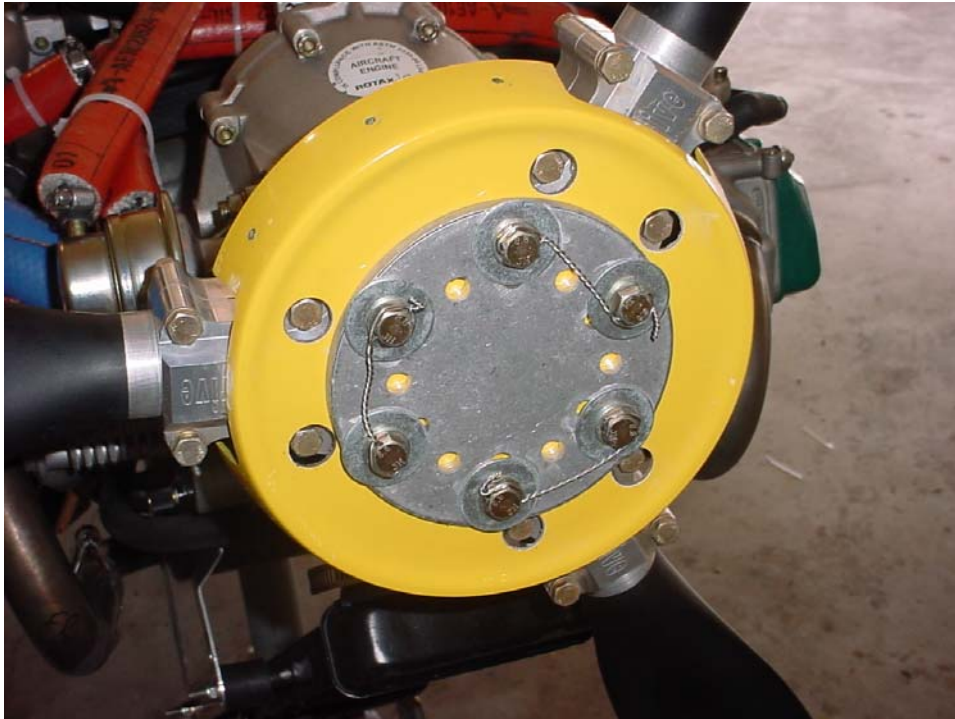


Front view of the propeller hub with spinner back plate.

Note: Install the spinner back plate between propeller hub and aluminum plate.



Note: Use large thrust washer along with flat washer on propeller bolts.



Install propeller to the engine propeller flange.



Note: safety wire the propeller bolts.



Install spinner with 9 screws.



Propeller Spinner