

SERVICE INFORMATION LETTER

FROM: JetProp LLC

3 March 2004

SUBJECT: Safety Wire Differential Pressure Switch

TO: JetProp Owners

Applicability. JetProps #1 through #90 (and aircraft with transplant engines from one of the initial 90 JetProps) as well as any other JetProp with a fuel filter differential pressure switch that does not have safety wire securing the screws holding the switch together.

Background. On the early JetProp conversions the fuel filter differential pressure switch (used to measure the difference in fuel pressure across the fuel filter and to turn on the "Fuel Filter" caution light) did not have the screws securing the housing of the switch safety wired. The initial differential pressure switches used screws that did not have safety wire holes to secure the housing of the switch together. After approximately JetProp #90 a minor design change replaced the screws securing the housing with screws designed for safety wire and were safety wired. One of our early JetProps recently experienced a minor fuel leak caused by the screws in the differential pressure switch loosening. To eliminate this potential source of a fuel leak, we recommend the following be accomplished.

Recommended Action Prior to the Next Flight on JetProp #1 through #90 and aircraft with transplant engines from one of the initial 90 JetProps.

Remove the top cowling. Check the screws in the fuel filter differential pressure switch (See Figure 1) to determine if the screws are secured with safety wire.

If the screws are secured with safety wire, no further action is required.

If the screws are not secured with safety wire, then check that each of the screws are torqued to 30-35 in-lb. The aircraft can continue to fly as long as there was no sign that the differential pressure switch was leaking. However, as soon as possible and at least within the next ten hours replace the screws (one at a time) with new screws with the drilled heads (Part number 560.08.003). Torque the new/replacement screws to 30-35 inch pounds and secure with safety wire (See Figure 2).

Make a logbook entry indicating compliance with this service letter.

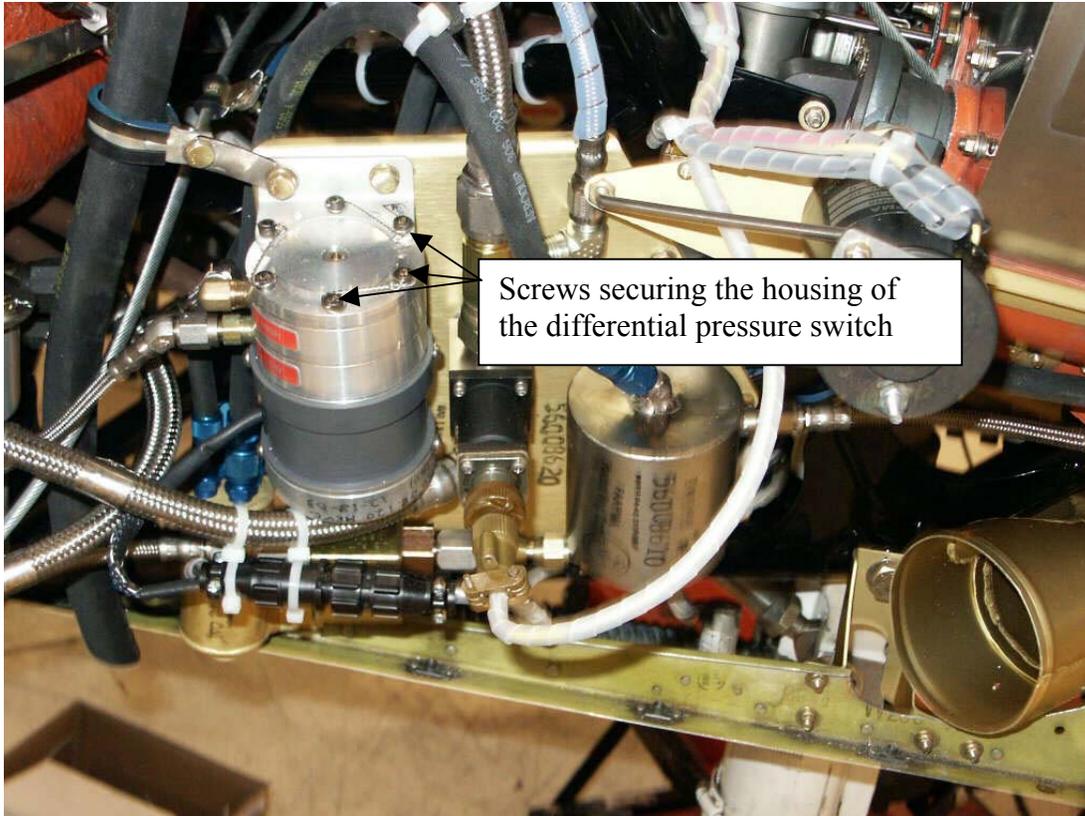


Figure 1. Differential Pressure Switch on Right Side of Engine

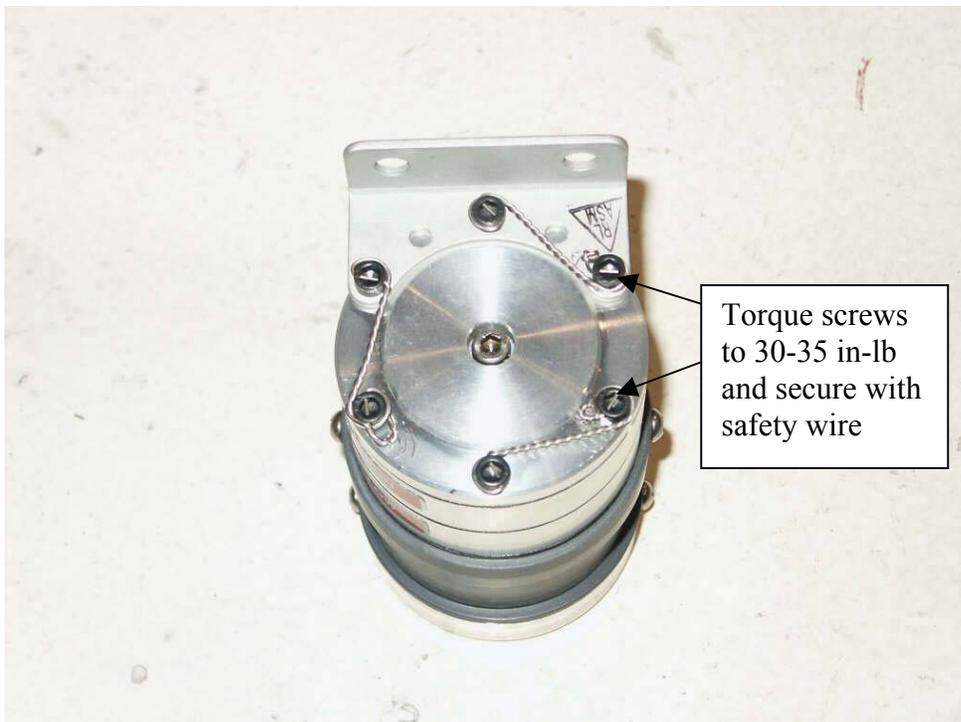


Figure 2. Differential Pressure Switch with Screws Safety Wired

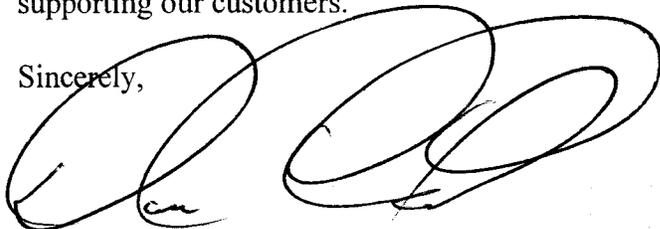
JetProp LLC

Securing the screws with safety wire should eliminate the possibility of a fuel leak in the future resulting from the differential pressure switch screws loosening up.

The new screws (Part number 560.08.003) can be obtained by faxing your request to JetProp LLC at (509) 534-2025 or by email at JetProp@icehouse.net.

If there are any questions, please contact Rich Runyon at (509) 535-4401. Rocket Engineering is dedicated to continuing to improve the JetProp DLX Conversion and to supporting our customers.

Sincerely,

A handwritten signature in black ink, appearing to read 'DC', with a large, stylized flourish extending to the right.

Darwin C. Conrad
President
JetPROP, LLC