

	SERVICE INFORMATION LETTER		Aircraft Type:	ALTO 912 TG
	No. SIL-0-001-2018-EN	RECOMMENDATION	Revision:	00

1) Planning information

<u>Applicability:</u>	None
<u>Concurrent ASB/SB/SI and SL:</u>	None
<u>Reason:</u>	Malfunction of one of the fuel measuring probe
<u>Subject:</u>	Replacing old probe for a new one
<u>Compliance:</u>	Immediately
<u>Approval:</u>	None
<u>Labour time:</u>	1 hr
<u>Mass data:</u>	Change of weight: none
	Moment of inertia: none
<u>Electrical load data:</u>	None
<u>Software modifications:</u>	None
<u>References:</u>	None
<u>Other Publications affected:</u>	None
<u>Interchangeability of part:</u>	None

2) Material Information

<u>Material-cost and availability:</u>	None
<u>Company support information:</u>	Company Direct Fly is providing new assembly of fuel probe.
<u>Material requirement per aircraft:</u>	Sealant Loctite 5972
<u>Material requirement per spare part:</u>	None
<u>Rework of parts:</u>	None
<u>Special tooling and availability:</u>	None

3) Accomplishment/Instructions

<u>Instructions:</u>	<ol style="list-style-type: none"> 1) Remove all fuel from the tank. To do so, use a drain valve at the bottom of the fuel tank. 2) Unscrew 8 screws holding the cover 1_01_18_03. See the Fig. 1.
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Fig. 1: Inspection hole for the fuel probe.

- 3) Disconnect the electrical wiring going to the probe.
- 4) The fuel probe is secured with 5 M5 screws. Carefully unscrew all the fasteners and remove all washers.



Fig. 2: Fuel probe attachment

- 5) Remove the old fuel probe with the rubber washer pad. Record the position of the electrical pin (circled in Fig. 2).
- 6) Install new probe, sent by the DF company. The probe must be mounted in such a way described in following figure. The location of the smallest electrical pin is determined based on previous findings.

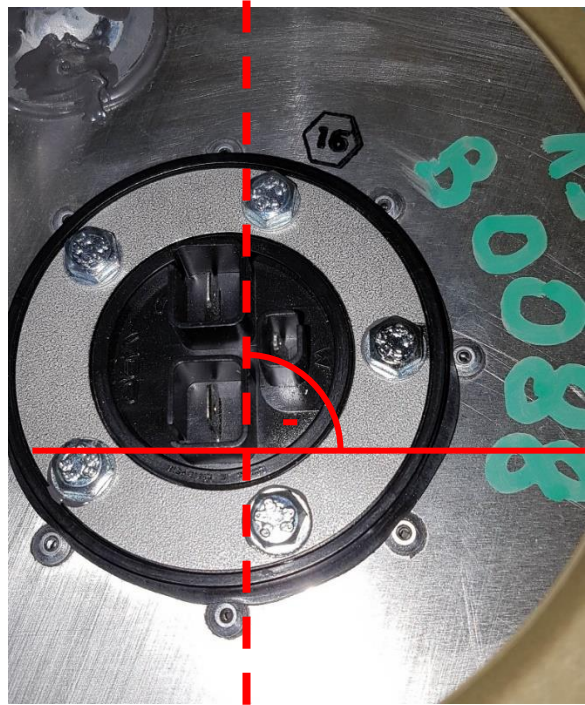


Fig. 3: 90deg angle between horizontal solid line and dashed line. Dashed line is aligned with the electrical female pins.

- 7) Install set of screws M5x20 with washers. When using old ones, be sure they are clean. Use Loctite 5972 as a sealant on these screws.
- 8) Put the cover 1_01_18_03 back onto place and secure it with same screws as before.

Summary:

After installation, fill the tank with considerable amount of fuel and check if there is not any leakage from the fuel probe compartment. Also, fill the tank with 8 liters of fuel and check the warning indicator inside the cockpit.

Inquiries:

None

4) Appendix

None

Issued by: Signature:

Approved by: Signature: Stamp