

	SERVICE INFORMATION LETTER		Aircraft Type:	ALTO 912 TG
	No. SIL-0-003-2018-EN	INFORMATION	Revision:	00

1) Planning information

<u>Applicability:</u>	DF067/DF068/DF070/DF071/DF072/DF073/DF074
<u>Concurrent ASB/SB/SI and SL:</u>	None
<u>Reason:</u>	Increasing the signal quality of transmitters
<u>Subject:</u>	Audio panel Garmin GMA 240 grounding
<u>Compliance:</u>	On customer request
<u>Approval:</u>	None
<u>Labor 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>	Direct Fly is providing the wiring including the pins
<u>Material requirement per aircraft:</u>	One wire, 40cm length with lug and pin
<u>Material requirement per spare part:</u>	None
<u>Rework of parts:</u>	None
<u>Special tooling and availability:</u>	None

3) Accomplishment/Instructions

- Instructions
- 1) Detach the canopy
 - 2) Detach the upper instrument cover



- 3) Detach the audio panel and ICOM transmitters related to their own installation manuals

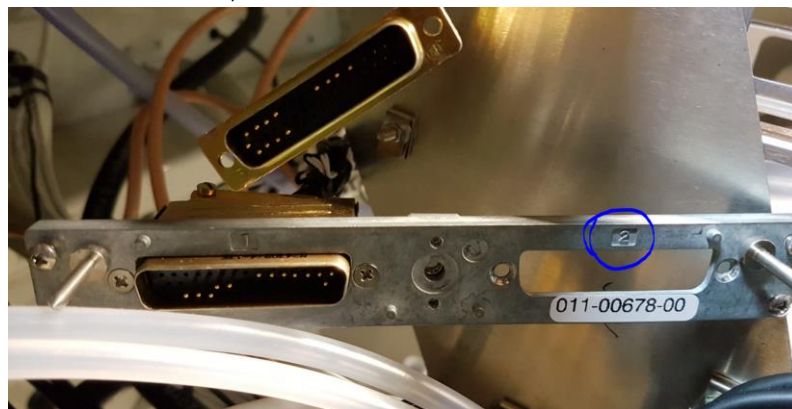


- 4) Disconnect the audio panel socket

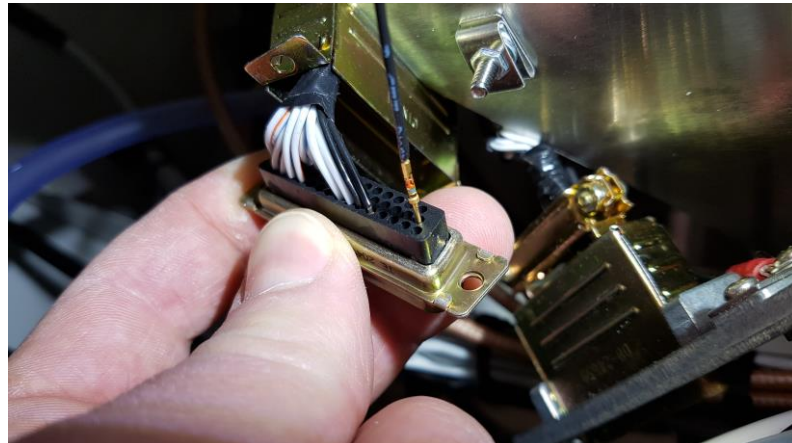




- 5) Deinstall the audio panel connector Nr. 2



- 6) Insert the pin of wire to following place (pin 30, connector J2402):



In case of further information, see following picture or installation manual of Garmin GMA 240 Audio panel. Source: www.garmin.com

4.4 Configuration Pins

4.4.1 External Configuration Pins

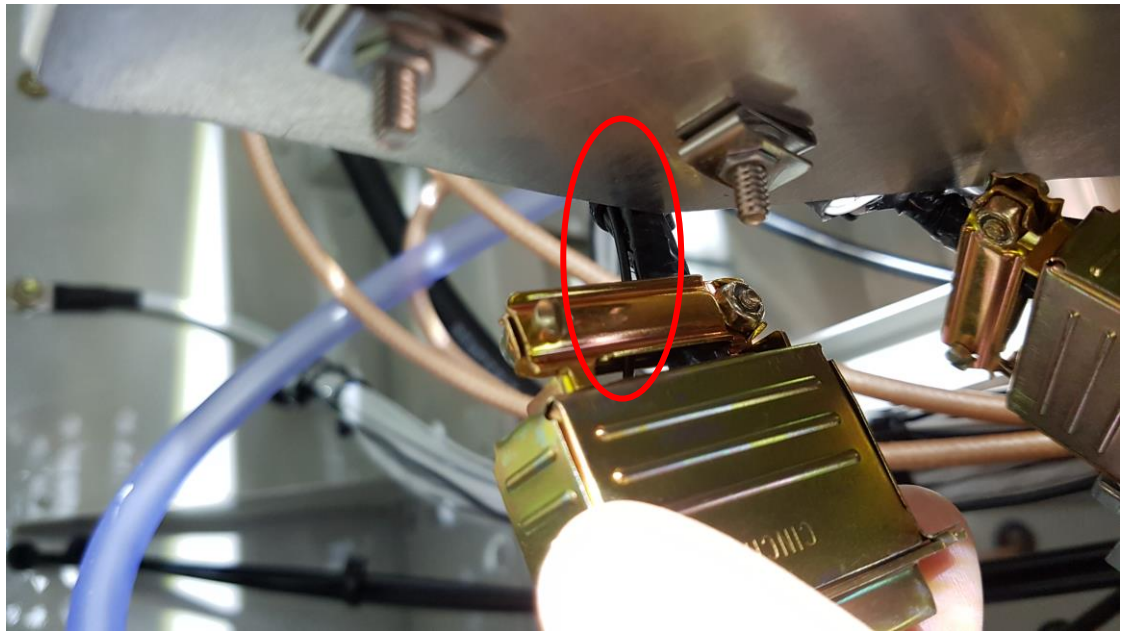
The following pins may be used to change the configuration of the installation as described.

Table 4-6 External Configuration Pins

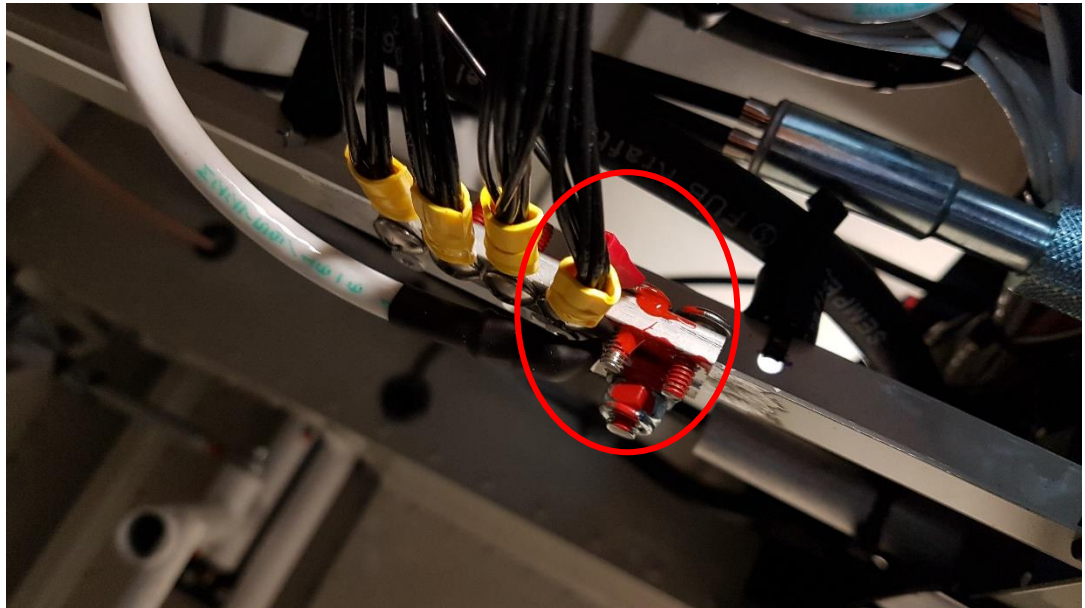
Pin	Connector	Pin Name	Description
16	J2401	MASQ INHIBIT* IN	Ground to disable Master Avionics Squelch circuitry. This will cause alerts and selected radios to be heard at all times without needing to exceed the mute threshold. This causes an increase in background noise from the inputs during quiet output.
29	J2401	CREW ISO* IN	Ground to configure the unit for CREW ICS isolation. In this configuration, the copilot headset jack should be wired in parallel with the pilot headset output. The mics are wired as normal. In this mode, when the PILOT ISO button is selected, the pilot and copilot will hear each other, but will be intercom isolated from the passengers.
13	J2402	PILOT ISO MUSIC* IN	Ground to allow Music audio to be heard by the pilot during pilot isolate mode.
19	J2402	BUTTON PRESS TONE ENABLE* IN	Ground to enable beep tone annunciation of button presses
30	J2402	MUTE ON COM TX* IN	Ground to enable muting of other selected radios during mic selected COM transmission (mic-selected COM is still heard, but not other selected radios)

*Denotes Active Low (Ground to activate)

- 7) Use this buckle to secure the wire:



- 8) Install the connector back to the socket and socket back to the audio panel rack.
 9) Attach the wire by using plastic cable tie to some other electric cables and attach the lug to the ground bus of the airplane and secure by red sealant color:



- 10) Install back the ICOM 1 and ICOM 2 and also the audio panel
- 11) Install back the instrument cover
- 12) Install back the canopy

Summary: None

Inquiries: None

4) Appendix

None

Issued by: Signature:

Approved by: Signature: Stamp