

SERVICE BULLETIN

SB-121622-A

ID NUMBER & REVISION:	SB-121622-A
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SUBJECT: Increase Torque of Fuel Filler Neck Clamps

RELEASE DATE: 12 January 2023 **EFFECTIVE DATE:** 12 January 2023

SUPERSEDES NOTICE: N/A

AIRCRAFT AFFECTED: MAKE & MODEL: ICON A5

SERIAL NUMBERS: 00021 – 00176

REQUIRED ACTION: Increase torque of fuel filler neck clamps to new value.

TIME OF COMPLIANCE: At next condition inspection OR immediately if fuel smell is present in the

cabin after refueling.

REVISION HISTORY: A Initial Release

LEVEL OF CERTIFICATION		Pilot/Owner	\boxtimes	Α 8	ß ا)
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REQUIRED (any level checked □ LSA Repairman – Inspection ⊠ Certified Repair Station

PURPOSE:

ICON has recently seen variations in the manufacturing of the Rotomolded plastic fuel tanks. These variations can cause the diameter of the filler neck nipple to not seal completely at the torque value originally called for during assembly and service. Increasing the torque of these hose clamps mitigates any leaks.

If the aircraft is not co-located with an ICON Service Provider (ISP), the aircraft is allowed a one-time flight to an ISP. If a fuel smell is present, the vents MUST be open, allowing fresh air into the cabin. Contact the ISP for any questions or concerns.

ASSEMBLIES AND PARTS:

PART	DESCRIPTION	QUANTITY	ANTITY	
NUMBER	DESCRIPTION		PART NUMBER	DESCRIPTION
N/A				

IF APPLICABLE, SERVICE KITS:

KIT NUMBER	CONTENT PARTS	DESCRIPTION	QUANTITY
N/A			

INSTRUCTIONS:

- 1. Perform the following services in accordance with the online ICON Aircraft Maintenance Manual
 - a. Remove baggage floors (100050)

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- b. Remove pilot seatback (100564).
- c. Remove pilot baggage sidewall panel (100053).
- d. You should now have access to the fuel filler neck.
- 2. As shown in Figure 1, torque the two hose clamps to 18-20 inlb.
 - a. 18 20 inlb shall supersede the ICON Aircraft Maintenance Manual specification

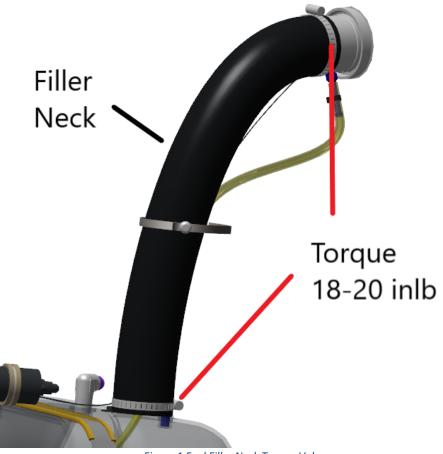


Figure 1 Fuel Filler Neck Torque Values

- 3. Orientate the adjuster screw of the upper band clamp where the screw head faces aft towards the aft bulkhead and the screw is on top of the filler neck
 - a. See Figure 2
- 4. Orientate the screw towards the inner portion of the cabin (away from the course fuel filter) where the screwhead faces aft towards the aft bulkhead.
 - a. See Figure 3 for incorrect orientation
 - b. See Figure 4 for correct orientation

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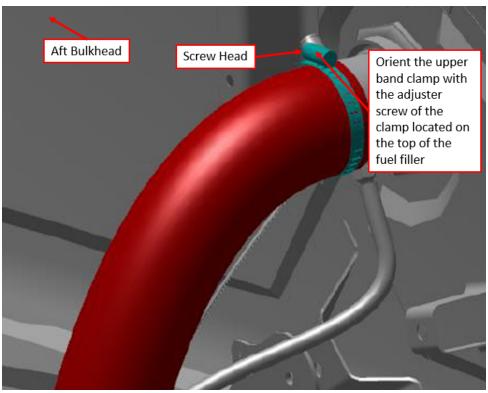


Figure 2 Upper Band Clamp

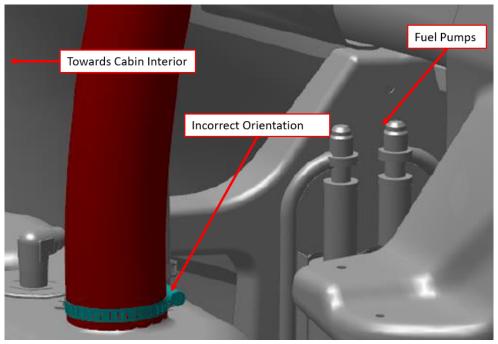


Figure 3 Lower Band Clamp Incorrect Orientation

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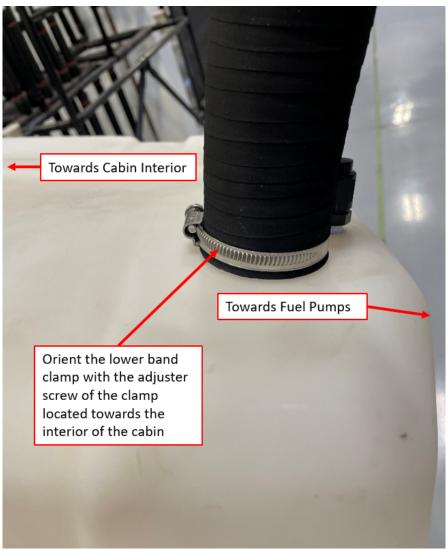


Figure 4 Lower Band Clamp Correct Orientation

- 5. Perform the following services in accordance with the online ICON Aircraft Maintenance Manual
 - a. Install pilot baggage sidewall panel (100051).
 - b. Install baggage floors (100049)
 - c. Install pilot seatback (100563).

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Make the following logbook entry:

"I hereby certify the inspection and repair has been completed in accordance with Service Bulletin (SB-121622-A, Increase Torque of Fuel Filler Neck Clamps) and all the referenced documents. Potentially unclear procedures have been clarified with ICON Aircraft. The corrective action of this Service Bulletin (SB-121622-A) has been complied with (ref. FAA Exemption 10829B)".

If you have questions, comments, or concerns about this Service Bulletin and/or if you are no longer owner/operator of this aircraft, please forward this information to the present owner/operator and notify ICON Aircraft at:

ICON Aircraft 2141 ICON Way, Suite 100 Vacaville, CA 95688 (855) FLY-ICON or (707) 564-4000

support@iconaircraft.com

Please include the aircraft registration number, serial number, your name, and if known the contact information of the new owner/operator.

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