



2141 ICON Way, Vacaville, CA 95688 - Tel: 707.564.4000 – www.iconaircraft.com

SERVICE BULLETIN

SB-110416 REV A

DATE ISSUED: 11/4/2016
DATE EFFECTIVE: 11/4/2016
SUPERSEDES NOTICE: None
SUBJECT:
AIRCRAFT AFFECTED: **MODEL:** ICON A5
S/N: 00001, 00003 - 00014
REQUIRED ACTION:
TIME OF COMPLIANCE: Before next flight

PURPOSE:

It was discovered during post flight check that an aircraft had engine oil covering the propeller, spinner, and rear stabilizers. Further inspection revealed that the coolant bottle overflow line was not connected to the coolant bottle and was wrapped around the engine propeller shaft and pressed against the rear of the gearbox.

ICON Aircraft is implementing a solution to prevent possible damage as a result of improper installation. This Service Bulletin is to provide instructions on how to inspect the coolant bottle line as well as repair a potentially unsafe installation.

WARRANTY:

N/A

PARTS LIST:

PART	DESCRIPTION	A5
AN316C4R or equivalent	¼-28 Jam Nut. Acceptable to use equivalent hardware in 300 series stainless steel, 18-8, and 15-5	
TY23MX	CABLE-TIE, NYLON 6-6, 18LB, TY-RAP	

INSTRUCTIONS:

1. Remove engine cowling per ICON maintenance manual chapter 3.4.2.
2. Loosen hose clamp on top of coolant overflow bottle and disconnect hose from coolant bottle.
3. Remove coolant bottle cap.
4. Remove hose fitting (5058K34) from cap.
5. Apply loctite 603 to threads of hose fitting and reinstall into coolant bottle cap.

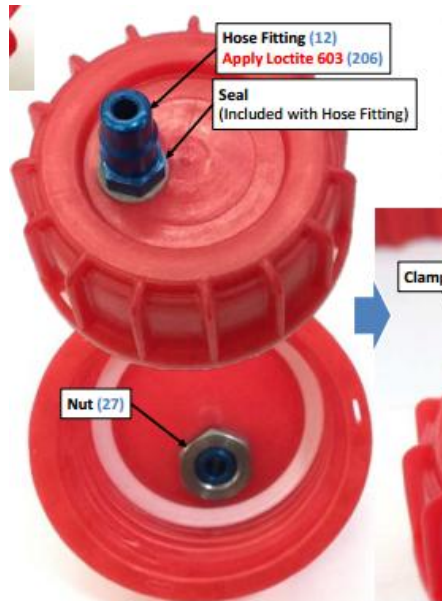


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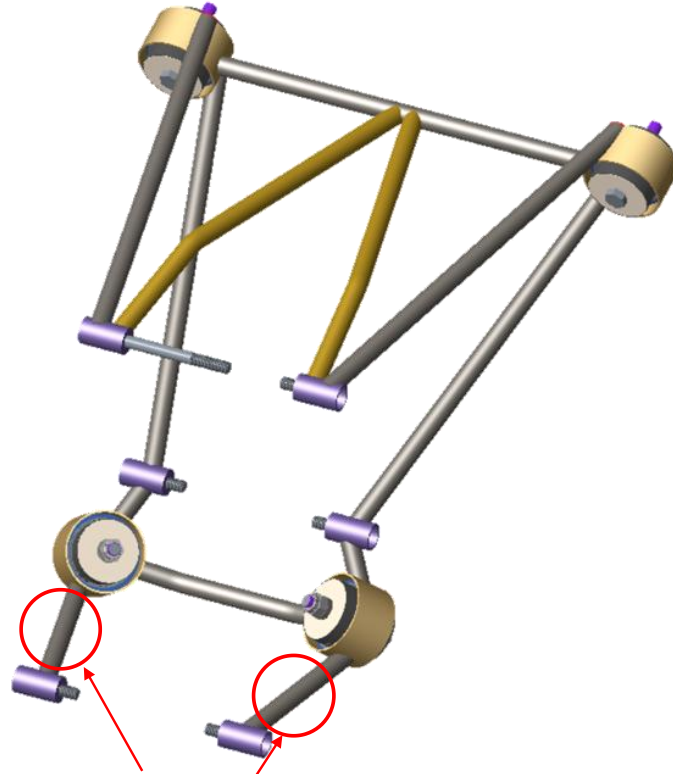
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6. Secure hose fitting with ¼-28 jam nut (AN316C4R or equiv) on inside of cap as shown, torque nut to 44in-lb:



7. Reinstall cap on bottle.
8. Reinstall tubing on hose fitting and secure with hose clamp.
9. Secure tubing to either of the following locations on engine mount using quantity 2 cable ties (TY23MX):

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Secure hose to either location
using two cable-ties.

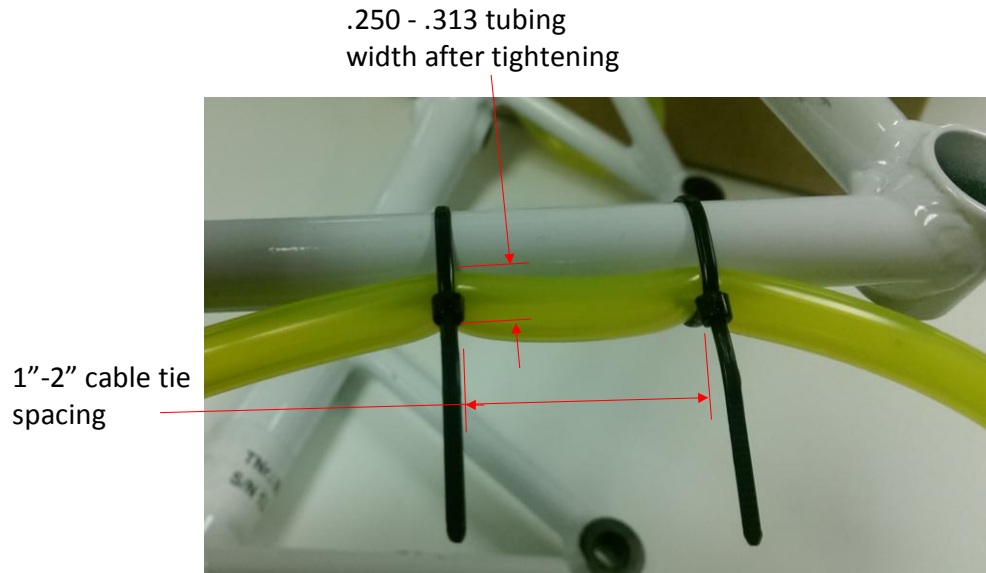


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Cable ties should be spaced 1"-2" apart and tightened until tubing width measures .250 - .313 as shown:



Before tightening cable ties ensure that tubing does not have enough slack to come into contact with any rotating hardware such as cooling fan or prop flange.

MAKE THE FOLLOWING LOGBOOK ENTRY:

"Service Bulletin SB-110416 Rev A. has been complied with and reported to ICON Aircraft Owner Support".



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If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify ICON Aircraft, Owners Center at:

ICON Aircraft
2141 ICON Way
Vacaville, CA 95688
(855) FLY-ICON or (707) 564-4000
ownersupport@iconaircraft.com

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