

Title: Torque / Washer Check L/H Lower Engine Mount Rotax 915 iS		
AG-SB-2023-04-B-EN	Effective Date: 09.10.2023	Compliance Category:
Applicability		A - MANDATORY B - RECOMMENDED C - OPTIONAL
Aircraft type & model: All aircraft with a Rotax 915 iS engine and a fixed nut on the left lower engine mount	Affected Serial number(s): All aircraft	
The maintenance manual to be referenced is this stated or subsequent issue.		As per AutoGyro website
This form is the response from AutoGyro GmbH either against a problem found in the product in service requiring a containment or rectification action, or as service information for aircraft modification incorporation. For help, contact airworthiness@auto-gyro.com .		

Documentation (Service Bulletin Completion action)

The accomplishment of this Service Bulletin, or the decision of its rejection, must be properly documented within the aircraft records, in line with the requirements of the responsible aviation Regulatory Authority.

A worksheet may be attached to this bulletin to aid correct embodiment of this SB. This should be completed and retained with the aircraft records.

Category Codes

A – Mandatory – failure to comply result in a significant reduction of flight safety, injury or death
 B – Recommended – failure to comply may result in reduced safety margin, injury and/or equipment damage
 C - Optional – improves operating behavior, reliability and/or maintainability

Document approval signatures	
Head of Engineering	Head of Airworthiness

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The technical content of this document is approved under the authority of the UK CAA Design Organisation
Approval Ref: DAI/9917/06

Reason and overview of the Service Bulletin (cause of problem if known)

Rotax has factory fitted a nut to the turbocharger plate. AutoGyro now use Nord-Lock washer (PN 48272) in combination with this nut. This washer is only required for Rotax 915 iS engines with a fixed nut. Otherwise, the all-metal nut is used as before. Observe modified tightening torque 56 Nm.

Manpower estimates

Estimated man-hours to complete the task is: 0.2 hours.

Compliance

There are no compliance requirements associated with this SB.

Customer Support

Can be contacted if necessary.

Tooling required

Standard tools, calibrated torque wrench.

Weight and Balance Effects

Nil.

Manuals affected

Changes in POH and AMM will be implemented with next revision.

Previous Modifications that affect the SB

None.

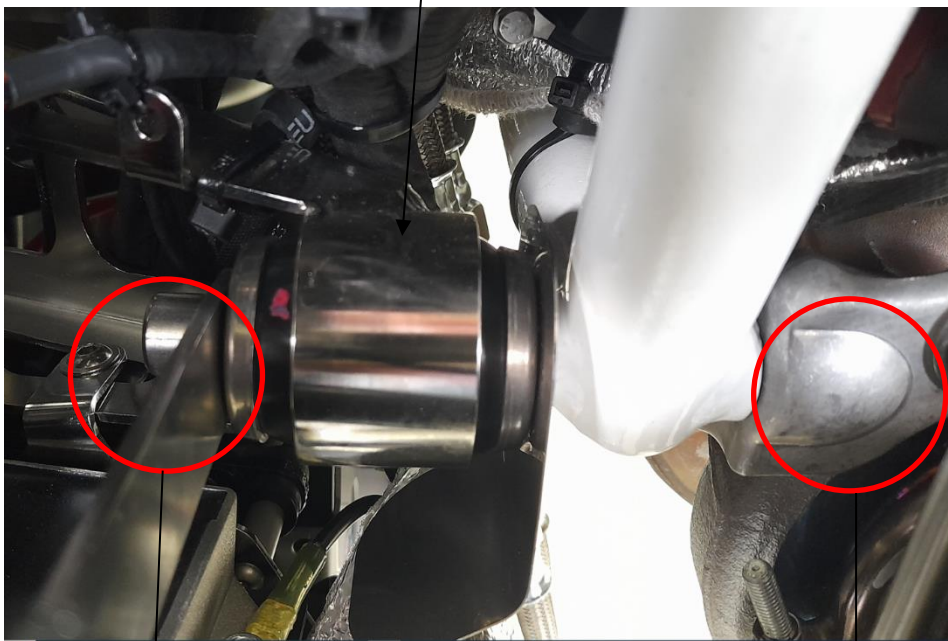
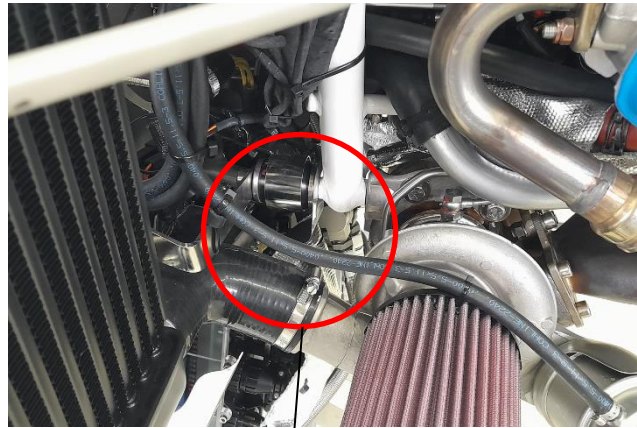
Accomplishment instructions (Action required to implement this bulletin)

Procedure

If the aircraft is fitted with a Rotax 915 iS engine fitted with a welded nut on the lower left hand engine mount in the direction of flight you have to check if the Nord-Lock washer has been installed.

If the aircraft is NOT fitted with a Nord-Lock washer on the lower left hand engine mount, carefully loosen the nut and remove the bolt. Support the engine with a crane or similar if necessary. Install the Nord-Lock washer (convex side facing bolt head) and put the bolt back in, release the engine from the crane if this has been done and torque the bolt with 56Nm.

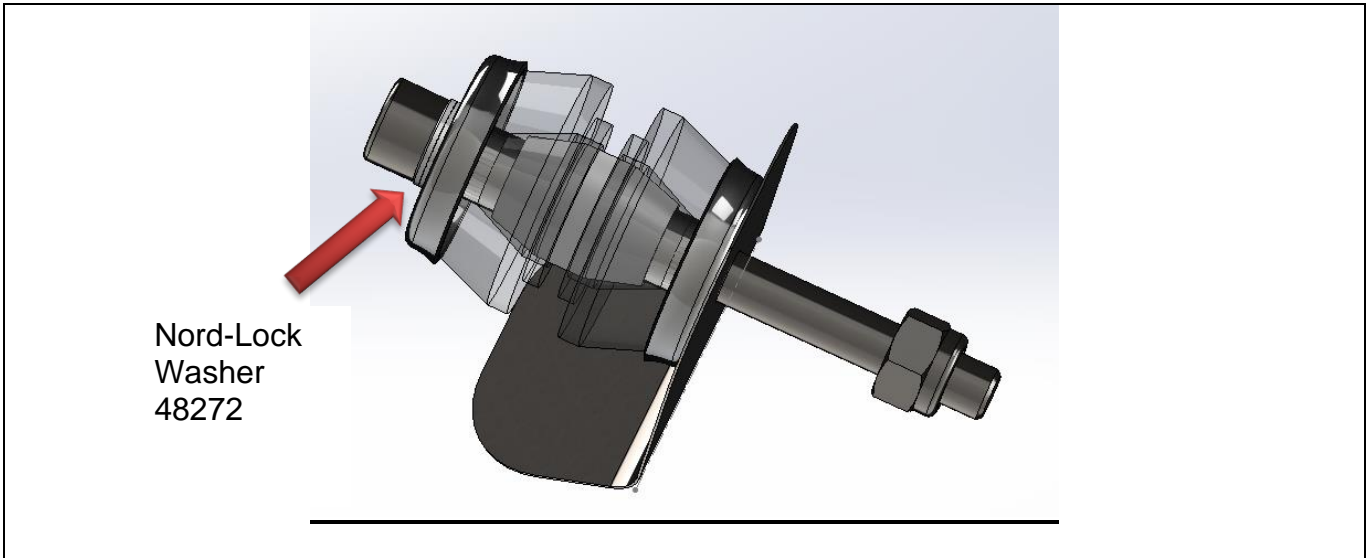
Illustrations



Bolt with Nord-Lock washer



Fixed nut on the turbo charger bracket



Any life-limit changes must be recorded within the aircraft documentation, in line with the requirements of the country of operation

Nil.

Material information (Parts required to be made to implement this service bulletin)

Nil.

List of components (with purchasable part numbers)

Nord-Lock washer (PN 48272)



Interchangeability

Not affected.

Parts disposition

- a) Disposal requirements – Nil
- b) Environmental hazards of parts containing hazardous materials – Nil
- c) Scrap requirements (e.g. mutilate scrapped items beyond use) – Nil