

Title: Replacement of exhaust manifold		
AG-SB-2023-02-B-EN	Effective Date: 01.04.2023	Compliance Category:
Applicability		A – MANDATORY B – RECOMMENDED C – OPTIONAL
Aircraft type & model: Cavalon 915iS	Affected Serial number(s): All Cavalon 915iS	
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
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)

A number of early generation Rotax 915iS exhaust manifolds were found to have cracked in service. This early generation was superseded in 2021 by a new design, shown in service to be reliable.

It is recommended to replace the old version.

Manpower estimates

The task may only be performed by an organization or individual entitled and trained to carry out the relevant level of maintenance on Rotax engines.

Estimated man-hours to complete the task as stand-alone item are: 2 hrs

Compliance

This is a recommendation only.

Customer Support

Can be contacted for questions.

Material and labour costs will not be covered by this Service Bulletin.

Tooling required

Standard tools as defined within the Aircraft AMM for access to the engine, and within the Rotax engine manual

Weight and Balance Effects

Nil

Manuals affected

POH & AMM are not effected

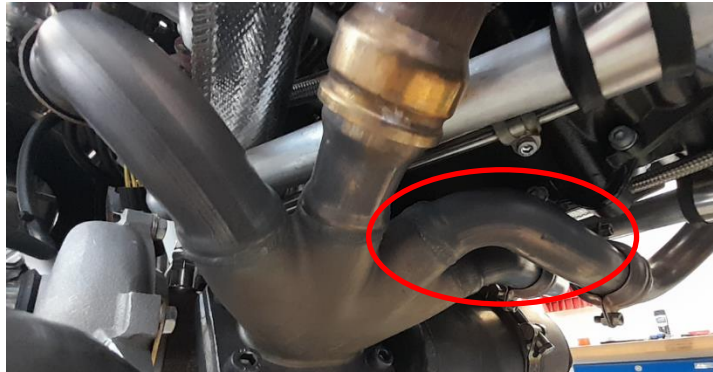
Previous Modifications that affect the SB

None

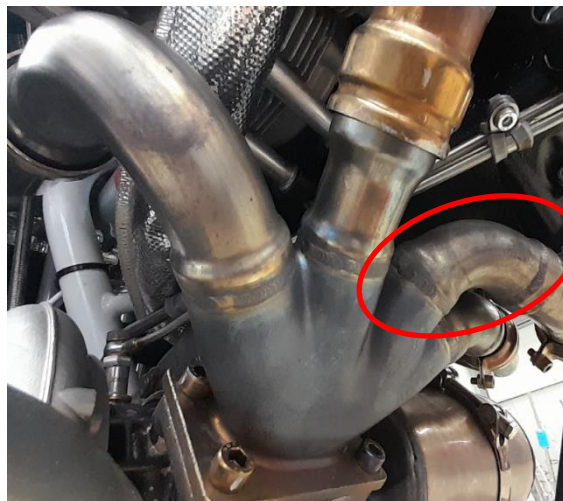
Accomplishment instructions (Action required to implement this bulletin):

Illustrations

old version part no. 979562:



new version part no. 979563:



The exhaust manifold is changed in accordance with the Rotax engine maintenance manual.

The difference between both versions is an improved welding at the exhaust connection from cylinder two.

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

Unaffected

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

Nil

List of components (with purchasable part numbers)

The manifold is Rotax part number 979563.
AutoGyro provides a kit containing the required service components, part no. 48658, available from the AutoGyro on-line shop.

Interchangeability

Not affected

Parts disposition

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