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22 March 2001

30 March 2001 (Supplement at page 3)

ROTAX MANDATORY SERVICE BULLETINS SINGLE VALVE SPRING CONFIGURATION 912 & 914 ENGINES REPLACEMENT OF VALVE SPRING RETAINERS

Attached is the Rotax summary of the service bulletins covering the Mandatory Rotax Service Bulletins 022 and 011 for the 912 and 914 series requiring replacement of valve spring retainers on engines with the single spring configuration.

The summary is self explanatory. See also the Supplement at page 3.

The Service Bulletins are posted separately in the same section - Rotax - of the airworthiness page because Rotax has placed bars on manipulating the documents as produced by Rotax. Fair enough as it is critical airworthiness information! Consequently, they cannot be incorporated into this cover document. Note that they are far easier to download from the AUF site than from Rotax - it took several attempts and ages to download when the Rotax site responded but the bulletins come up quickly from ours where I have placed them.

Go back to the Airworthiness page and click to read them. Note that the "UL" version refers back to the parent SB but contains text varying the requirements.

Any queries - contact Bert Flood Imports on 03 9735 5655



R Hewitt-Cook
AUF Technical

Attachments: Two Rotax covering Emails

Subject: ATTENTION! - Release Of Mandatory Service Bulletins
Date: Fri, 16 Mar 2001 15:18:01 -0800
From: "updates@rotax-owner.com" <updates@rotax-owner.com>
To: tech@auf.asn.au

March 16, 2001

Rotax has recently released the following Service Bulletins:

SB-912-022, SB-912-022UL, SB-914-011, SB-914-011UL
Replacement Of Valve Spring Retainer On Single Valve Spring Configuration of
Rotax Engine Type 912 And 914 (Series)

Summary of Service Bulletins:

This general summary is not intended to replace the information provided in
the bulletins.

On single valve spring versions of the ROTAX 912 and 914 series engines at first
engine run or oil system maintenance the hydraulic valve tappets may be emptied
and filled with air resulting in a delayed purging of the lubrication system. Oil
system maintenance would be considered any process that involves purging all of
the oil from the engine (not simply an oil change) such as removal of oil lines,
oil cooler or oil pump.

A delayed purging of the lubrication system may cause cracks to form on the valve
spring retainer.

As a preventative measure, all single valve spring engines must be refitted with
new reinforced valve spring retainers.

Please contact the authorized Rotax distributor or Service Center in your area for
more information regarding this service bulletin.

IMPORTANT NOTICE! Aviation regulations now require Rotax to release a separate
Service Bulletin for non - certified engines (UL designator). The separate
bulletins contain only information indicating the non - certified (UL) engines
affected by the bulletin and are normally only one page long. Complete information
covering the service issue is contained in the certified service bulletin.

Owners of non - certified (UL) engines will need to download and review both the
non-certified and certified version of these bulletins.

To view or download these new Service Bulletins, point your web browser to:
<http://www.rotax-owner.com>

This automatic service document update is provided free of charge to registered
Rotax Owners Association News web site users.

Subject: NON-CERTIFIED 912 / 914 ENGINES AFFECTED BY ROTAX SB-912-022 / SB-914-011 & SB-912-022UL / SB-914-011UL
Date: Thu, 29 Mar 2001 13:27:08 -0800
From: "updates@rotax-owner.com" <updates@rotax-owner.com>
To: tech@auf.asn.au

Dear Registered User,

Because Rotax releases separate Service Bulletins for certified and non-certified engine types, some confusion has been created among non-certified owners & operators regarding which 912 UL, 912 ULS and 914 UL engines are affected by these valve retainer replacement service bulletins.

IMPORTANT! - All owners and operators of non-certified 912/914 series engines (912 UL, 912 ULS & 914 UL) should download Rotax Service Bulletin SB-912-022UL / SB-914-011UL to determine if their engine is affected by this important service bulletin.

A listing of all models & serial numbers affected by these Service Bulletins is shown below:

912 UL (non-certified)	4401880 to 4404123
912 ULS (non-certified)	4425001 to 4426604
912 ULSFR* (non-certified)	4429501 to 4429597
914 UL (non-certified)	4417598 to 417977
912 A (certified)	4410204 to 4410421
912 F (certified)	4412757 to 4412807
912 S (certified)	4922501 to 4922636
914 F (certified)	4420039 to 4420253

* 912 ULSFR engines are typically distributed only in France

For more information on the valve retainer replacement service bulletin, go to <http://www.rotax-owner.com/news.htm> or contact your nearest authorized distributor or service center.

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