

## Motorjournal för Rotax912UL-s/n 4401998

### Historik enl uppgifter i journalen

Tillverkad 1997 med S/N 4401998

1999-12-28 00:00 hrs SB 912-026 (byte stator)

2001-07-10 00:00 hrs SB 912-022 (byte ventilfjäderhållare)

2001-12-18 00:00 hrs Installation i SE-XUT

2002-09-29 Motorjournalen upprättad

2003-10-30 50:30 hrs SB 912-040UL (new oil dipstick)

2005-04-19 87:40 hrs EX SB12 Mont perfo-rör i ljuddämpare

2005-05-14 92:30 hrs Byte kylvätska

2008-09-13 153:40 hrs Byte av tändstift i smb med 50 hrs tillsyn

2009-03-18 158:20 hrs Monterat termostat för kylmedia

2010-10-18 183:00 hrs Besiktning EAA

2011-04-30 186:25 hrs Läckagetest u/a

2012-06-16 186:25 hrs UH/Mod/rep

Lycon Engineering - byte av gummidetaljer (5års-UH)

samt delar och insp enl samtl (?) SB inkl MTBO 1500 hrs

(enl samtal Y.J.) Ej provkörd - ska funktionskontrolleras och provflygas efter installation

Samtliga aktuella gångtidstillsyner är registrerade i journalen

### ANM:

a) Ingen anteckning om oljestatus - t.ex konserveringsolja (?)

b) Lycon Engineerings UH 2012 specar inte vilka ev SB som utförts

c) ingen notering om vilken kylvätska som finns kvar i systemet (hur rensar man om det är Evans propylenglykol?)

## ROTAX SB - resultat av sökning för 912UL S/N 4401998

**Grönmarkerade SB** - är genomförda och inskrivna i Motorjournalen

**Gulmarkerade SB** - ej inskrivna och bör kollas upp i smb med installationen

**Gråmarkerade SB** - ej aktuellt S/N eller "optional"

Omarkerade SB avser Cancelled alt dublett för icke UL-versionen

### Alert Service Bulletins

Alert Service Bulletins contain service requirements and instructions that are very important to flight safety and must be addressed, complied with, or accomplished before continued flight operations. Alert Service Bulletins will always be superseded by a Service Bulletin.

<a href="#">ASB-912-059UL</a>	<b>CANCELLED - Checking of the crankshaft journal for Rotax engine type 912 and 914</b>	11/2011 180
	Due to a deviation in the manufacturing process, some crankshafts may have a crack formation occur on the power take off side. REPLACED by SB-912-059/SB-914-042 latest edition.	
<a href="#">ASB-912-060UL</a>	<b>Checking of the oil pump fixation bolts on Rotax engine type 912 and 914</b>	1/2012 180
	During quality checks, it was discovered in a limited number of engines during production the oil pump fixation bolts may not have been torqued to the proper specification.	
<a href="#">ASB-912-061</a>	<b>Replacement of the pressure side fuel hose at fuel pump part no 839114 REV.1</b>	5/2012 180
	Due to variations in the manufacturing of the fuel hose, rubber particles may become detached. These particles can interfere or suppress the fuel mixture in the carburetor. This may lead to rough operation, or shutdown. Rev. 1	
<a href="#">ASB-912-061UL</a>	<b>Replacement of the pressure side fuel hose at fuel pump part no 839114 REV.1</b>	5/2012 180
	Due to variations in the manufacturing of the fuel hose, rubber particles may become detached. These particles can interfere or suppress the fuel mixture in the carburetor. This may lead to rough operation, or shutdown. Rev. 1	
<b>Service Bulletins</b>		
Service Bulletins contain service requirements and instructions that must be addressed, complied with or completed within a specified period.		
<a href="#">SB-912-013</a> (912-13)	<b>CANCELLED! - Motor Oil for ROTAX 912 Series</b>	7/1996 37
	Superseded by SI-18-97 latest edition.	
<a href="#">SB-912-026</a>	<b>Checking and replacement of stator assy - Rev. 3</b>	12/1999 850
	Mandatory check of ignition unit before next flight. Mandatory replacement of stator at next 100 hr. inspection but at the latest Apr 01, 00. Order replacement stators from nearest authorized distributor.	
<a href="#">SB-912-026UL</a>	<b>Checking and replacement of stator assy. - Rev. 3 ALSO SEE SB-912-026</b>	12/1999 8
	Mandatory check of ignition unit before next flight. Mandatory replacement of stator at next 100 hr. inspection but at the latest Apr 01,00. Order replacement stators from nearest authorized distributor.	
<a href="#">SB-912-022</a>	<b>Replacement of Valve Spring Retainer on Single Valve Spring Conf. 912 &amp; 914</b>	3/2001 152
	This service bulletin covers the mandatory replacement of the valve spring retainers in single valve spring configurations with a re-inforced retainer design. Please consult the service bulletin for complete details.	
<a href="#">SB-912-022UL</a>	<b>Replacement of Valve Spring Retainer on Single Valve Spring Conf. 912 &amp; 914</b>	3/2001 5
	This service bulletin covers the mandatory replacement of the valve spring retainers in single valve spring configurations with a re-inforced retainer design. Please consult the service bulletin for complete details. ALSO REFER TO SB-912-022.	
<a href="#">SB-912-033</a>	<b>Inspection Of The Propeller Gearbox When Using Leaded Fuel For Type 912/914</b>	8/2002 18
	When operating the engine on leaded fuel (e.g. AVGAS) lead deposits could result in increased wear of components. Therefore additional periodic maintenance checks are required.	
<a href="#">SB-912-033UL</a>	<b>Inspection Of The Propeller Gearbox When Using Leaded Fuel For Type 912/914</b>	8/2002 11
	When operating the engine on leaded fuel (e.g. AVGAS) lead deposits could result in increased wear of components. Therefore additional periodic maintenance checks are required.	
<a href="#">SB-912-036</a>	<b>Inspection for Correct Venting Of The Oil System For Rotax 912 &amp; 914 Rev. 1</b>	8/2002 206
	It has been established that damage of the engine valve train on the ROTAX® 912/914 series engines may	

be possible due to incorrect venting of the lubrication system. [Click Here](#) for more info.

<a href="#">SB-912-036UL</a>	<b>Inspection for Correct Venting Of The Oil System For Rotax 912 &amp; 914 Rev. 1</b>	8/2002	11
	It has been established that damage of the engine valve train on the ROTAX® 912/914 series engines may be possible due to incorrect venting of the lubrication system. <a href="#">Click Here</a> for more info.		
<a href="#">SB-912-037UL</a>	<b>Installation Of Electric Starter With Enhanced Power For Rotax 912 &amp; 914 Engines</b>	10/2002	11
	A new more powerful electric starter has been introduced. This more powerful starter can help to improve starting performance.		
<a href="#">SB-912-028</a>	<b>Checking Or Replacement Of Engine Suspension Frame Part # 886567 on 912 &amp; 914 R1</b>	11/2002	130
	Excessive vibrations and external impacts or forces can cause cracks to form in the Rotax engine suspension frame part # 886 557. This service document applies only to installations using the Rotax suspension frame. Revision 1.		
<a href="#">SB-912-028UL</a>	<b>Checking Or Replacement Of Engine Suspension Frame Part # 886567 On 912 &amp; 914 R1</b>	11/2002	13
	Excessive vibrations and external impacts or forces can cause cracks to form in the Rotax engine suspension frame part # 886 557. This service document applies only to installations using the Rotax suspension frame. Revision 1.		
<a href="#">SB-912-039</a>	<b>Modifications Of The Overflow Bottle For Rotax Engine Type 912 &amp; 914 (Series)</b>	12/2002	91
	High coolant temperatures may lead to an increase in pressure in the coolant overflow bottle. Increasing the size of the vent hole in the plug screw of the overflow bottle can prevent pressure increases.		
<a href="#">SB-912-039UL</a>	<b>Modifications Of The Overflow Bottle For Rotax Engine Type 912 &amp; 914 (Series)</b>	12/2002	11
	High coolant temperatures may lead to an increase in pressure in the coolant overflow bottle. Increasing the size of the vent hole in the plug screw of the overflow bottle can prevent pressure increases.		
<a href="#">SB-912-040UL</a>	<b>Introduction Of A New Oil Dipstick For Rotax Engine Type 912 &amp; 914 (Series)</b>	4/2003	10
	The characteristics of some modern motor oils can result in slower return of oil to the oil tank. This can cause the oil tank level to fall below the minimum level. To correct this problem a new oil dipstick with new level marks has been introduced.		
<a href="#">SB-912-040</a>	<b>Introduction Of A New Oil Dipstick For Rotax Engine Type 912 &amp; 914 (Series) - R1</b>	8/2003	40
	The characteristics of some motor oils can result in slower return of oil to the oil tank. This can cause the oil tank level to fall below the minimum level. To correct this problem a new oil dipstick with new level marks has been introduced. Rev. 1		
<a href="#">SB-912-037</a>	<b>Installation Of Electric Starter With Enhanced Power For 912 &amp; 914 Engines - R1.</b>	10/2003	149
	A new more powerful electric starter has been introduced. This more powerful starter can help to improve starting performance. Revision 1.		
<a href="#">SB-912-030UL</a>	<b>Cracks, Wear &amp; Distortion On The Carburetor Flange On 912 &amp; 914 Engine Rev. 1</b>	2/2004	25
	One or more unfavorable installation or operational conditions may result in stress and damage to carburetor flanges. Within the next 10 hrs. of operation, carburetor flanges must be inspected for damage, cracks, wear or distortion. Revision 1.		
<a href="#">SB-912-044UL</a>	<b>Use of Rotax supplied airbox for all Rotax engine Types 912 UL (Series)</b>	10/2004	11
	The optional Rotax supplied airbox for 912 series engines has been standardized. This service bulletin covers the installation of the optional airbox.		
<a href="#">SB-912-029UL</a>	<b>Checking Of The Crankcase on Rotax Engine Type 912 And 914 Rev. 3</b>	7/2006	27
	Excessive vibrations, external impacts or forces and thermal strain may result in cracks forming in the engine crankcase. This service document details the required inspection of the crankcase for cracks. Revision 3.		
<a href="#">SB-912-043UL</a>	<b>Change Of Coolant Specification On Rotax Engine Type 912 &amp; 914 (Series) Rev.1</b>	8/2006	32
	Change of coolant specification for all 912 & 914 series engines. Revision 1.		
<a href="#">SB-912-055UL</a>	<b>Inspect for Tight Fit of Oil Filter for Rotax engine type 912 and 914 (series)</b>	8/2007	148

Checking for correct tightness of oil filter and introduction of simplified and standardised instructions for oil filter tightening

[SB-912-041UL](#)

**Extension Of TBO For Rotax Engine Type 912 & 914 (Series). Rev 2** 3/2010 74

Based on positive results from examined engines, the Time Between Overhaul (TBO) for 912 A/F/S engines has been extended. Revision 2

[SB-912-000](#)

**Publication Index For Rotax Aircraft Engines - Revision 11.** 12/2011 93

List of valid documentation according to Part 21A.57 "Instructions for continued airworthiness". Revision 11.

[SB-912-059UL](#)

**Checking of the crankshaft journal for Rotax engine type 912 and 914** 1/2012 180

Due to a deviation in the manufacturing process, some crankshafts may have a crack formation occur on the power take off side. These cracks can cause a breakage of the crankshaft support bearing and may lead to engine stoppage.