

This SL revises SL-915 i A-005, SL-915 i B-005, SL-912 i-013, SL-912-023, SL-914-021 and SL-2ST-015, dated 16 April 2019.

# SERVICE LETTER

Layout for: Alert Service Bulletin (ASB), Service Bulletin (SB), Service Instruction (SI), Service Instruction-PAC (SI-PAC) for ROTAX<sub>®</sub> Engine Types 916 iSc B, 915 i A and 915 i B (Series), 912 i (Series), 912 and 914 (Series) and 2-stroke Aircraft Engines

ATA System: 00-00-00 General

# 1) Planning information

To obtain satisfactory results, procedures specified in this publication must be accomplished with accepted methods in accordance with prevailing legal regulations.

BRP-Rotax GmbH & Co KG cannot accept any responsibility for the quality of work performed in accomplishing the requirements of this publication.

# 1.1) Applicability

All versions of ROTAX<sub>®</sub> engine types:

Engine type	Serial number
916 iSc B certified aircraft engines	Serial/Pre-production
915 iSc A certified and 915 iS A/ASTM-compliant aircraft engines	Serial/Pre-production
915 iSc B certified and 915 iS B/ASTM-compliant aircraft engines	Serial/Pre-production
912 iSc certified and iS/ASTM-compliant aircraft engines	Serial/Pre-production
912 A, F, S certified and UL,ULS/ASTM-compliant aircraft engines	Serial/Pre-production
914 F certified and UL/ASTM-compliant aircraft engines	Serial/Pre-production
2-stroke certified and UL/ASTM-compliant aircraft engines	Serial/Pre-production

### 1.2) Concurrent ASB/SB/SI and SL

In addition to this Service Letter the following Service Letters must be observed and complied with:

Service Letter-SL-916 i B-004, title "Documentation", current issue

Service Letter-SL-915 i-004, title "Documentation", current issue.

Service Letter-SL-912 i-012, title "Documentation", current issue.

Service Letter-SL-912-004, title "Documentation", current issue.

Service Letter-SL-914-004, title "Documentation", current issue.

Service Letter-SL-2ST-002, title "Documentation for ROTAX 2-stroke UL engines (ASTM compliant) and certified 2-stroke aircraft engines", current issue.

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# **SERVICE LETTER**

#### 1.3) Reason

- Dividing the technical documentation (refer to point 1.2) has proven to be very satisfactory.
  However, owing to the number of details and generous sizing of the current document layouts,
  the number of pages in each document has inevitably increased
- In the new layout concept also, the new engines for ROTAX<sub>®</sub> Engine Type 916 iSc B, 915 i A, 915 i B and 912 i (Series) were added

In response to requests and suggestions put forward by clients, the layout of the documentation has been optimized. All basic document structure and details remain unchanged.

NOTE: All future documentation will be issued in the new/compressed layout.

Because of national regulations separation of ASB and SB for certified and iS, UL/ASTM-compliant engines is necessary. As the technical content is identical for EASA certified and iS, UL/ASTM-compliant engines the ASB/SB will be issued in the future as follows:

#### (Alert) Service Bulletin for certified engines:

- Issue in the new/optimized layout (no further changes)

### (Alert) Service Bulletin for UL/ASTM-compliant engines:

- ASB/SB will be issued as a separate document
- The designation for ASB/SB documents issued for iS, UL/ASTM-compliant engines will have the Letter iS/UL appended to the standard document identifier, e.g.:

916 iSc B certified engines	SB-916 i B-000
915 iSc A and 915 iSc B certified engines	SB-915 i A-000/SB-915 i B-000
912 iSc certified engines	SB-912 i-000
912 A, F, S and 914 F certified engines	SB-912-000/SB-914-000

iS for 915 iS A/ASTM-compliant engines	SB-915 i A-000iS
iS for 912 iS/ASTM-compliant engines	SB-912 i-000iS
UL for 912 UL and 914 UL/ASTM-compliant engines	SB-912-000UL/SB-914-000UL

- In section 1.1 the affected iS, UL/ASTM-compliant engines will be stated
- In section 1.2 reference is made to ASB/SB for certified engines, as planning information, material information, etc. are identical

NOTE: Any deviation will be stated separately.

- If a Service Bulletin concerns only iS, UL/ASTM-compliant engines, naturally only one complete ASB or SB for iS, UL/ASTM-compliant engines will be issued

As parts and accessories may be widely used over all the aircraft engine product range the following numbering system will be used for

### Service Instruction-PAC (SI-PAC):

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- SI-PAC will state no engine and will only have a unique counter number used over all aircraft engine types e.g.:

all engines	SI-PAC-001
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# SERVICE LETTER

#### 1.4) Subject

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Layout for: Alert Service Bulletin (ASB), Service Bulletin (SB), Service Instruction (SI), Service Instruction-PAC (SI-PAC) for  $ROTAX_{\circledR}$  Engine Types 916 iSc B, 915 i A and 915 i B (Series), 912 i (Series), 912 and 914 (Series) and 2-stroke Aircraft Engines.

#### 1.5) Compliance

**RECOMMENDED** 

#### 1.6) Approval

The technical content of this document is approved under the authority of the DOA ref. EASA.21J.048.

## 1.7) Inquiries

Inquiries regarding this Service Letter should be sent to the ROTAX® Authorized Distributor of vour area.

A list of all  $ROTAX_{@}$  Authorized Distributors or their independent Service Centers is provided on <a href="https://www.flyrotax.com">www.flyrotax.com</a>.

Translation into other languages might be performed in the course of language localization but does not lie within  $ROTAX_{\mathbb{R}}$  scope of responsibility.

In any case the original text in English language and the metric units are authoritative.

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