

SERVICE LETTER

Information on maintenance and spare parts planning for ROTAX® Aircraft Engines

ATA System: 05-00-00 Maintenance

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® engine types:

Engine type	Serial number
2-stroke engines	all
912 (Series with UL engines)	all
914 (Series with UL engines)	all
912 i (Series)	all
915 i (Series)	all

1.2) Concurrent ASB/SB/SI and SL

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

- in general all relevant Alert Service Bulletins (ASB), Service Bulletins (SB), Service Instructions (SI), Service Letters (SL), Service Instruction - Parts and Accessories (SI-PAC) with relevance to perform this maintenance, repair or overhaul task.
- SL-916 i-003 R1 / 915 i-003 R2 / 912 i-011 R2 / 912-022 R2 / 914-020 R2 / SL-2ST-014 R2
Information about storage and storage conditions of ROTAX® genuine spare parts for ROTAX® Aircraft Engines.
- SL-912-020 / 912 i-009 / 914-018 / 2ST-012 Engine Registration via ROTAX® Aircraft Engines website.

1.3) Reason

We are here to keep you in the air and our extensive worldwide network makes sure that you have quick and easy access to reliable service, genuine parts, and responsive warranty support.

In order to ensure the in-time availability of our products we kindly ask our customers to support us by registering their products and timely placement of engine and spare part orders.

Alternatively make sure to arrange your service appointments with your ROTAX® service center in time (see section 3.2) to allow for their proper material disposition and preparation.

1.4) Subject

Information on maintenance and spare parts planning for ROTAX® Aircraft Engines.

1.5) Compliance

NONE - For Information Only



WARNING

Non-compliance with these instructions could result in engine damages, personal injuries or death.

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1.6) Approval

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

1.7) Labor time

Estimated labor hours:

Engine installed in the aircraft - - - labor time will depend on airframe installation and therefore no estimate is available from the engine manufacturer.

1.8) Mass data

Change of weight - - - none.

Moment of inertia - - - unaffected.

1.9) Electrical load data

No change.

1.10) Software modifications

No change.

1.11) References

In addition to this technical information refer to current issue of

- in general Illustrated Parts Catalog (IPC)
- in general Operators Manual (OM)
- in general Maintenance Manual Line (MML) and in particular:
Chapter 05-00-00
- in general Maintenance Manual Heavy (MMH)

NOTE: The status of the Manuals can be determined by checking the table of amendments.
The 1st column of this table shows the revision status. Compare this number to the one
listed on the ROTAX website:
www.flyrotax.com. Updates and current revisions can be downloaded for free.

1.12) Interchangeability of parts

- Not affected

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2) Material Information

Use only genuine ROTAX® parts and accessories for the service and maintenance of ROTAX® aircraft engines.



The use of non-approved parts in ROTAX® engines is not recommended and is strongly discouraged.

2.1) Material

Price and availability will be provided on request by ROTAX® Authorized Distributors or their independent Service Centers.

2.2) Company support information

- Any possible support by BRP-Rotax will be provided on request by ROTAX® Authorized Distributors or their independent Service Centers

3) Accomplishment/Instructions

- ROTAX® reserves the right to make any amendments to existing documents, which might become necessary due to this standardization, at the time of next revision or issue.

NOTE: Before maintenance, review the entire documentation to make sure you have a complete understanding of the procedure and requirements.

Accomplishment

All measures must be implemented and confirmed by at least one of the following persons or organizations:

- ROTAX® - Airworthiness representatives
- ROTAX® - Authorized Distributors or their independent Service Centers
- Persons approved by the respective Aviation Authorities

NOTE: Indicates supplementary information which may be needed to fully complete or understand an instruction.



All work has to be performed in accordance with the relevant ROTAX® Instructions for Continued Airworthiness (ICA) of the respective engine type.

General

Further material on general inspection, maintenance and repair can also be found in relevant Advisory Circular AC 43.13 from FAA.

Advisory Circular

The Advisory Circular (AC) contains maintenance methods, techniques and practices.

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3.1) Engine registration

Registration of engines serves as an important tool for the ROTAX® network, assisting in the following ways:

- Creates a better view of active fleet (Location & Size)
- Provides a base for general spare part requirement and suitable service location
- Selection of commercial or private operation provides a general indication for the yearly usage of the associated aircraft

3.2) General planning

Proper pre-planning for scheduled maintenance and overhaul times ensures availability and avoids down time.

In general, ROTAX® suggests ordering parts in advance:

- 3 months for larger inspections (600 hours and/or gearbox)
- 6 months for overhaul / engine replacement

3.3) Summary

NOTE: Work on EASA certified parts might affect the EASA Form 1 and does require appropriate documentation by authorized persons. Repairs must be entered into the engine logbook and also do apply for the EASA Form 1.

| A revision bar outside of the page margin indicates a change to text or graphic.

Translation into other languages might be performed in the course of language localization but does not lie within ROTAX® scope of responsibility.

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

3.4) Inquiries

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

A list of all ROTAX® Authorized Distributors or their independent Service Centers is provided on <https://dealerlocator.flyrotax.com>.