

SERVICE LETTER

Change of designation of Technical Bulletins and Service Information in accordance with new ROTAX[®] standards for ROTAX[®] 2-stroke UL aircraft engines, ROTAX[®] 912 (series) and ROTAX[®] 914 (series)

SL-2ST-001

SL-912-001

SL-914-001

Repeating symbols:

Please, pay attention to the following symbols throughout the Service Bulletin emphasizing particular information.

- ▲ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.
- **ATTENTION:** Denotes an instruction which if not followed, may severely damage the engine or could lead to suspension of warranty.
- ◆ **NOTE:** Information useful for better handling.

1) Planning information

1.1) Engines affected

All versions of the engine type:

- 914 Series / pre-series
- 912 Series / pre-series
- 2 stroke UL - engines
- certified two stroke engines

1.2) Concurrent ASB/SB/SI und SL

none

1.3) Reason

In view of the necessary up-dating and standardization, future Service Information and Technical Bulletins will be drawn up in accordance with the new ROTAX[®] standards and issued as Alert Service Bulletin, Service Bulletin, Service Instruction and Service Letter.

In the course of this change a uniform numbering system for future and existing documentation has been introduced too.

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1.4) Subject

Change of designation of Technical Bulletins and Service Information in accordance with the new ROTAX[®] standards.

This information is intended to assist the aircraft builder and operator in achieving the proper operating conditions, correct engine installation and consequently optimum performance and reliability.

1.5) Compliance

NONE - ONLY FOR INFORMATION

1.6) Approval

not required

1.7) Manpower

none

1.8) Mass data

- change of weight - - - none.
- moment of inertia - - - unaffected.

1.9) Electrical load data

no change

1.10) Software accomplishment summary

no change

1.11) References

none

1.12) Other publications affected

see appendix

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1.13) Interchangeability of parts

At exchange pay attention to the following:

- ◆ **NOTE:** Please find general information regarding structure of numbering in section 3.1.

The new numbering system is of a configuration to allow simple conversion of the existing Service Information and Technical Bulletins.

Technical Bulletin:

- Change of designation:
 - Old designation: No. 912-03 - (see fig. 1)
 - New designation: SB-912-003
- Guide-line of conversion:
 - Designation: TB (Technical Bulletin) changed to SB (Service Bulletin).
 - Numbering: 912-03 changed to 912-003, i.e. code for engine type unchanged but consecutive number amended to a 3-digit number.

Service Information:

- Change of designation:
 - Old designation: 27 UL 97 D/E - (see fig. 2)
 - New designation: SI-27-1997
- Guide-line of conversion:
 - SI (Service Information) stands now for SI (Service Instruction).
 - Numbering: 27 UL 97 changed to 27-1997, i.e. consecutive number unchanged, the letters UL omitted and year in 4-digits.
- Code of language omitted.

■ **ATTENTION:** The already issued Technical Bulletins and Service Information remain effective.

In future listing of ASB, SB, SI and SL only the new designation or converted code will be stated.

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2) Material Information

2.1) Material - cost and availability

none

2.2) Company support information

none

2.3) Material volume per engine

none

2.4) Material volume per spare part

none

2.5) Rework of parts

The items can be made interchangeable as follows:

Conversion of the affected documents as per section 1.13.

◆ NOTE: Upon a revision of existing Technical Bulletins and Service Information both designations will be stated.

2.6) Special tooling/lubricant-/adhesives-/sealing compound - Price and availability

none

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3) Accomplishment / Instructions

Accomplishment

not applicable

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3.1) Instructions / General Information

The new designation is structured as follows:

e.g: **SB-914-014**

- 2 (3) letter combination

ASB is short for Alert Service Bulletin

SB is short for Service Bulletin

SI is short for Service Instruction

SL is short for Service Letter

- 3 digits figure combination

1 - 3 figure combination designates engine type / series:

912 stands for ROTAX[®] 912 Serie

914 stands for ROTAX[®] 914 Serie

2 ST stands for ROTAX[®] 2-stroke UL aircraft engines

- 3-digit consecutive number

1 - 3 digit number is a consecutive number

3.2) Summary

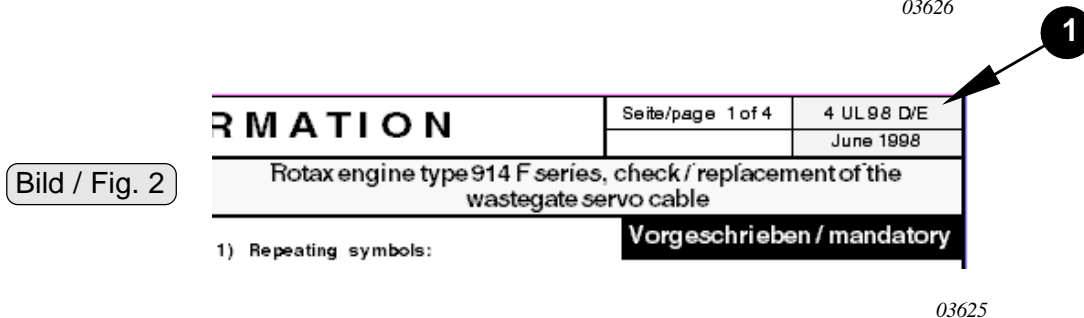
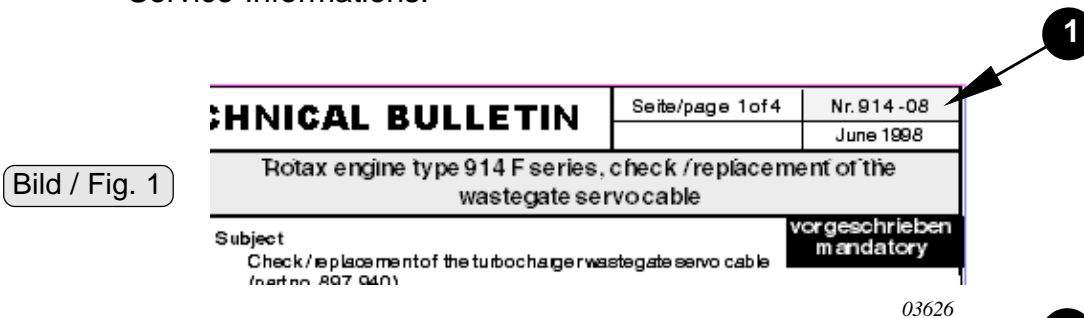
▲ **WARNING:** Non-compliance with these recommendations could result in engine damage, personal injury or death!

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4) Appendix

4.1) Illustration

The illustration below show the old designation (1) of Technical Bulletins and Service Informations.



4.2) Tables

In the following tables (comparison of old with new designation, Issue 10.05.1999, page 1 - 10) all the effective Technical Bulletins and Service Information issued before the change of designation are listed in the old and new designation.

- **ATTENTION:**The tables are for comparison of the various designation. Completeness of the current ASB/SB/SI and SL is not given as documents already issued to ATA designation have not been included.
- **ATTENTION:**The listing of the valid documentation will be cited in a separate Service Letter.