



SERVICE LETTER

DOCUMENTATION FOR ROTAX® ENGINE TYPE 912 (SERIES) SL-912-004

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:

912 (Series/pre-series)

1.2) Concurrent ASB/SB/SI und SL

Further to this service letter the following additional service letter must be observed and complied with:

SL-912-003 (List of documentation) current issue

1.3) Reason

In view of the necessary up-dating and standardization the structure of the documentation for ROTAX® 912 Series has been changed.

1.4) Subject

Documentation for ROTAX® 912 Series.

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

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1.6) Approval

not required

1.7) References

In addition to this technical information refer to

- current issue of the Operator's Manual (OM)
- engine data sheet
- power, torque and fuel consumption curves
- current issue of the Illustrated Parts Catalog (IPC)
- Installation Manual (IM)
- all relevant Service Bulletins (SB)
- all relevant Service Instructions (SI)
- all relevant Service Letters (SL)
- Collective Manual (CM)
- Repair Manual (RM)
- Maintenance Manual (MM)
- Users Guide

1.8) Interchangeability of parts

All documents which are going to be replaced by the new documentation as per SL-912-003 (current issue) are not valid any longer.

2) Material Information

2.1) Material - cost and availability

cost and availability will be supplied on request by our authorized distributors or service centers.

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3) Accomplishment / Instructions

Accomplishment

Not applicable

3.1) Structure of the documentation

The documentation has been split according to use, as follows:

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DOCUMENTATION	ABBREVIATION	CONTENTS
Operator's Manual	OM	The Operator's Manual contains information for pilot and maintenance staff. The Manual is subdivided into description of design, technical data, handling operations, checking, trouble shooting, list of authorized distributors and warranty conditions.
Maintenance Manual	MM	The Maintenance Manual contains information about specified Maintenance ("Line Maintenance"). It is subdivided into maintenance schedule, operating-hours-related checks, periodic maintenance and special checks. The Maintenance Manual has to be used together with the Maintenance Manual of the aircraft builder or with the content incorporated.
Inspection-, Cleaning-, Repair Manual	ICR	The ICR Manual contains information about maintenance tasks beyond the scope of the Maintenance Manual ("Base Maintenance"). The ICR Manual is planned for use in aircraft- and repair facilities. It is subdivided into maintenance, maintenance of the different systems, maintenance of components, table of wear limits and form sheets.
Installation Manual	IM	The Installation Manual contains information about installation of the engine into the aircraft and is planned for use in aircraft facilities. The Manual is subdivided into installation dimensions, preparation for engine installation, definition of engine suspension, fitting positions and installation notes of the individual systems.
Collective Manual	CM	The Collective Manual contains general information on the engines such as description of the systems, tools and list of authorized distributors.

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DOCUMENTATION	ABBREVIATION	CONTENTS
Overhaul Manual	EM	The Overhaul Manual contains information about a general overhaul of the engine. The Overhaul Manual is exclusively for use in overhaul facilities . The Overhaul Manual is subdivided into information, instructions and guidelines about engine overhaul and form sheets, etc.
Illustrated parts catalog	IPC	The Illustrated parts catalog contains an exploded view of all parts of the engine with part number and quantity per engine.
Alert Service Bulletin	ASB	Contains instructions for accomplishment of certain safety relevant tasks within a specified period. Each Alert Service Bulletin will be superseded by a Service Bulletin.
Service Bulletin	SB	Contains instructions for accomplishment of certain tasks within a specified period, or information in regard to designchanges.
Service Instruction	SI	Contains instructions to assist the aircraft builder and aircraft mechanic / keeper to warrant correct conditions of operation and installation.
Service Letter	SL	Contains information to assist the aircraft builder / keeper to warrant correct conditions of operation and installation.

3.2) Summary

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