

# SERVICE LETTER

## DOCUMENTATION FOR ROTAX® ENGINE TYPE 912 AND 914 (SERIES)

### SL-912-004 R2

### SL-914-004 R2

#### Repeating symbols:

Please, pay attention to the following symbols throughout this document emphasizing particular information.

- ▲ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.
- **CAUTION:** 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 all
- 914 Series all

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

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

- Service Bulletin SB-912-000/SB-914-000, "Publication Index for ROTAX® aircraft engines" current issue.

##### 1.3) Reason

In view of the necessary up-dating and standardization the structure of the documentation for ROTAX® 912/914 Series has been changed.

##### 1.4) Subject

Documentation for ROTAX® engines type 912 and 914 Series.

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

##### 1.5) Compliance

NONE - For Information Only

#### 2) Material Information

##### 2.1) Material - cost and availability

Price and availability will be supplied on request by ROTAX® Authorized Distributors or their Service Center.

### 3) Accomplishment / Instructions

#### Accomplishment

*Not applicable*

#### 3.1) Structure of the documentation

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

Documentation	Abbreviation	Contents
Operators Manual	OM	The Operators Manual contains information for the OEM and is one important source for the flight manual. The Manual is subdivided into description of design, technical data, handling operations, checking, trouble shooting and list of authorized distributors.
Maintenance Manual (Line)	MML	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 manufacturer or with the content incorporated.
Maintenance Manual (Heavy)	MMH	The Maintenance Manual contains information about maintenance tasks beyond the scope of the Maintenance Manual ("Line Maintenance"). The Maintenance Manual ("Heavy Maintenance") is planned for use in aircraft- and repair facilities. It is subdivided into 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 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.
Overhaul Manual	OHM	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.

Documentation	Abbreviation	Contents
Alert Service Bulletin	ASB	Contains instructions for accomplishment of certain safety 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 of information of design changes
Service Instruction	SI	Contains instructions to assist the aircraft manufacturer and aircraft mechanic/keeper to warrant correct conditions of operation and installation.
Service Letter	SL	Contains information to assist the aircraft manufacturer/keeper to warrant proper conditions of operation and installation.

### 3.2) Summary

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

Approval of translation to best knowledge and judgement - in any case the original text in German language and the metric units (SI-system) are authoritative.