

# Exchange of carburetor support springs on ROTAX® Engine Type 912 and 914 (Series)

ATA System: 73-00-00 Fuel system

**MANDATORY**

## 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 engines of Series 912 UL, 912 ULS and 914 UL are affected, if at least one of following criteria applies:

**Criterion A) Engine Serial number:**

These engines have been originally delivered from the factory with the affected support springs part no. 838242

Engine type	Serial number
912 UL	from S/N 9580915 up to S/N 9580919 inclusive from S/N 9580921 up to S/N 9580942 inclusive from S/N 9580944 up to S/N 9580948 inclusive from S/N 9580950 up to S/N 9580952 inclusive
912 ULS	S/N 9574669 / from S/N 9574673 up to S/N 9574676 inclusive from S/N 9574679 up to S/N 9574702 inclusive from S/N 9574704 up to S/N 9575000 inclusive from S/N 9142006 up to S/N 9142098 inclusive from S/N 9142103 up to S/N 9142156 inclusive
914 UL	from S/N 9577644 up to S/N 9577645 inclusive from S/N 9577648 up to S/N 9577649 inclusive from S/N 9577652 up to S/N 9577659 inclusive from S/N 9577661 up to S/N 9577668 inclusive from S/N 9577670 up to S/N 9577671 inclusive from S/N 9577675 up to S/N 9577680 inclusive from S/N 9577683 up to S/N 9577689 inclusive from S/N 9577693 up to S/N 9577694 / S/N 9577696

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## SERVICE BULLETIN

### Criterion B) Carburetors:

These carburetors have been originally delivered from the factory with the affected support springs part no. 838242.

Carburetors	Carburetors part no.	Serial number
912 UL	1/3 part no. 892500 2/4 part no. 892505	For serial numbers of the carburetors see SB-912-075/ SB-914-057, latest edition, Chapter 4) Appendix*.
912 ULS	1/3 part no. 892530 2/4 part no. 892535	For serial numbers of the carburetors see SB-912-075/ SB-914-057, latest edition, Chapter 4) Appendix*.
914 UL	1/3 part no. 892520 2/4 part no. 892525	For serial numbers of the carburetors see SB-912-075/ SB-914-057, latest edition, Chapter 4) Appendix*.

\* To easily search for applicable carburetor serial numbers, go to Chapter 4) Appendix of this document and use the “search” or “find” function of your PDF reader software. (To identify the location of serial number printed on the carburetors, refer to section 3.5.1 or Service Bulletin SB-912-075/SB-914-057). This function normally should be found in one of the menu bars or press the “Ctrl + F” buttons simultaneously to reveal a pop-up menu.

The menu will feature a search box where you can enter the serial number to be searched for in this document.

Use this search box to enter the serial number in the 6-digit format as shown in Chapter 4) Appendix and click on the “Next” button to proceed with the search.

NOTE: The part numbers and serial numbers of the carburetors mentioned in Chapter 4) Appendix comprise all the carburetors delivered installed on engines as mentioned in Criterion A) and all carburetors delivered as a spare part.

### Criterion C) Spare parts:

Further all engines are affected, which have been equipped with carburetors with part number and serial number listed within Criterion B) above during engine repair, maintenance or general overhaul or any other exchange action.

Further all engines are affected, which have been equipped since January 22<sup>nd</sup>, 2021 with carburetor support spring part no. 838242 as a spare part or provided within a service kit carburetor, maintenance kit carburetor and overhaul kits during engine repair, maintenance or general overhaul or any other exchange action.

NOTE: The carburetor and/or the spring may have been removed from the initial engine and used on another one.  
Engines and/or carburetors with serial numbers higher than in Criterion A or B have already been equipped with unaffected springs.  
For relevant information, see the maintenance records and/or the logbook.

For complete instructions and compliance to this Service Bulletin refer to Service Bulletin-SB-912-075 / SB-914-057, latest edition section 1.2 onward.

NOTE: Section 1.6) Approval: Is not required for engines of the type UL, iS (Series).  
Section 3) Accomplishment: In addition: persons with adequate type-specific training.

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**Symbols used** For meaning of the symbols used in this document, see chapter >Safety< of the latest Operators Manual for the respective engine type.

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.