

TOTAL PERFORMANCE **VAN'S AIRCRAFT**

14401 Keil Road NE, Aurora, Oregon, USA 97002

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Service Letters and Bulletins: www.vansaircraft.com/public/service.htm

SERVICE BULLETIN 14-07-23

Date Released: July 23, 2014

Date Effective: July 23, 2014

Subject: Throttle return spring replacement

Affected Models: Van's RV-12 with replacement throttle return springs: Replacement throttle return springs installed prior to July 17, 2014 are affected by this service bulletin. Affected springs (McFarlane PN 6748) will have approximately 24 turns in the spring. Original Rotax springs have approximately 16 turns in the spring. Original Rotax throttle return springs are not affected by this service bulletin. Replacement throttle return springs (Van's PN SPRING-00002 or McFarlane PN 6818) obtained after July 17, 2014 are not affected by this service bulletin.

Required Action: Remove and replace affected throttle return springs.

Time of Compliance: Before further flight

Supersedes Notice: None

Labor Required / SLSA Warranty Allowance: N/A

Level of Certification: ELSA - Owner, LSA Repairman Inspection
SLSA – N/A

Synopsis:

Springs supplied before the date of this notification may have been manufactured incorrectly and may break. Go to the McFarlane Aviation website and read Service Bulletin SB-6 before proceeding.

Method of Compliance:

Step 1: Remove the top cowling from the aircraft per the Cowling Removal instructions in the RV-12 Maintenance Manual Chapter 12.

Step 2: Release the friction on the cockpit throttle control and move it to the full open position.

Step 3: Replace affected return springs (McFarlane PN 6748) on each carburetor with Van's PN SPRING-00002 (McFarlane PN 6818). See KAI Section 50 Page 05.
(Contact McFarlane Aviation Products or Van's Aircraft to obtain replacement springs.)

Step 4: Perform the carb sync procedure found in Chapter 12 of the RV-12 Maintenance Manual.

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Step 5: Install the top cowling per the RV-12 Maintenance Manual Chapter 12.

Step 6: Make a logbook entry indicating compliance with this service bulletin.

PART NUMBER

Van's Aircraft PN	1 ea.	SPRING-00002 2 PACK
McFarlane PN	2 ea.	6818