



**VAN'S AIRCRAFT**  
TOTAL PERFORMANCE

14401 Keil Road NE, Aurora, Oregon, USA 97002  
PHONE 503-678-6545 • FAX 503-678-6560  
www.vansaircraft.com • info@vansaircraft.com

## SERVICE BULLETIN 18-03-06, REVISION 1

**Date Released:** October 3, 2020  
(Rev 1: Adds instruction to complete SB-00026 in Step 2)  
March 6, 2018 (Initial Release)

**Date Effective:** September 23rd, 2020

**Subject:** Replace the throttle return springs

**Affected Models:** RV-12 (Powered with Rotax 912ULS)

**Required Action:** Replace SPRING-00002 with SPRING-00002-L/R-1

**Time of Compliance:** At or before the next annual condition inspection or upon a part failure of one of the previous spring types installed on the aircraft

**Supersedes Notice:** SB 14-07-23 and SB 17-12-07 (Internal)

**Labor Required / SLSA Warranty Allowance:** 1.0 Hours

**Level of Certification:** (Owner, LSA Repairman Inspection - *not applicable to SLSA*), LSA Repairman Maintenance, A&P

### Synopsis:

Replace the existing throttle springs with SPRING-00002-L/R-1. The previous spring was failing prematurely (before the recommended 100-hour replacement interval) on some aircraft.

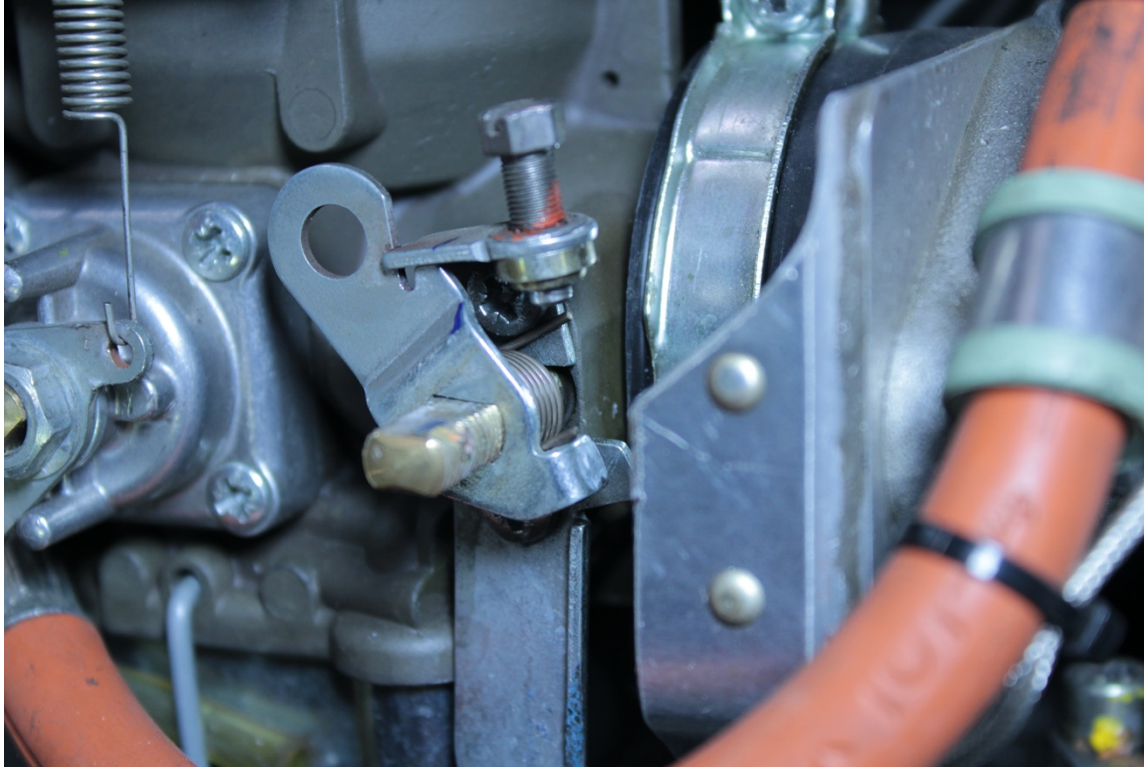
**NOTE: This spring design is supplied by Van's Aircraft and not available through McFarlane Aviation Products.**

### Method of Compliance:

Step 1: Remove SPRING-00002 as shown in KAI Section 50. See Figure 1 for reference.

Step 2: Complete SB-00026 and install SPRING-00002-L/R-1 as shown in KAI Section 50.

Step 3: Perform the carb sync procedure found in the RV-12 Maintenance Manual.



**FIGURE 1:** SPRING INSTALLATION (THROTTLE ARM NOT INSTALLED)

Step 4: Make a logbook entry indicating compliance with SB 18-03-06.

Place a copy of this service bulletin in the back of the maintenance manual for your aircraft. Note the addition of this service bulletin to the bottom of the Maintenance Manual table of contents.

**PART NUMBER**

SPRING-00002-1 2 PACK (provides BOTH L&R springs)