

TOTAL PERFORMANCE **VAN'S AIRCRAFT**

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

NOTIFICATION 14-09-24

Date Released: Sept 24, 2014
Date Effective: Sept 24, 2014
Subject: Optional throttle return spring replacement
Affected Models: RV-12
Required Action: Remove and replace throttle return springs
Time of Compliance: Optional installation
Supersedes Notice: NA

Labor Required / SLSA Warranty Allowance: NA

Level of Certification: ELSA - Owner, LSR- I, A&P
SLSA - A&P with RFSC iRMT 912 Service Specialty or
LSR-M with RFSC iRMT 912 Service Specialty

Synopsis:

Removal of existing throttle return springs and replacement with SPRING-00002 throttle return springs. SPRING-00002 is designed to have a lower spring constant (lb/in). This reduces the force with which the carburetor throttle arms return to the full throttle position.

Installation of these springs requires a recurring inspection procedure to confirm the springs are capable of returning the throttle arm on each carburetor to the full throttle position. This inspection is required during each Condition Inspection and after any maintenance or repair that affects the throttle cable attachment. This procedure is included in the latest revision of the RV-12 Maintenance Manual.

Method of Compliance:

Step 1: Remove the top cowling per the RV-12 Maintenance Manual, Chapter 12.

Step 2: Reduce throttle friction and move the throttle to the full open position.

Step 3: Replace the Rotax 938289, Van's Aircraft SPRING-06748, McFarlane 6748, McFarlane 6696 or McFarlane 6818 springs on each carburetor with SPRING-00002. See the most current rev of McFarlane Service Bulletin SB-6 rev A (or newer), Van's Aircraft Service Bulletin SB 14-11-10 and RV-12 KAI Section 50.

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

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

Step 6: Perform the Verify Function of Throttle Return Springs procedure found in the RV-12 Maintenance Manual, Chapter 12.

Step 7: Make a logbook entry indicating compliance with NOTIFICATION 14-09-24.

Step 8: Place a copy of this notification in the back of the maintenance manual for your aircraft.

Note the addition of this notification to the bottom of the Maintenance Manual table of contents.

Part Numbers:

2 ea. SPRING-00002

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