



SERVICE BULLETIN 00026

Date Released: October 5, 2020

Date Effective: October 5, 2020

Subject: Addition of retaining plates for throttle springs

Affected Models: SLSA: RV-12 (Powered with Rotax 912ULS) with Serial Numbers 12001 through 120074
ELSA: RV-12 (Powered with Rotax 912ULS) shipped before October 2020

Required Action: Install VA-00276 Throttle Spring Retainers

Time of Compliance: At or before the next annual condition inspection

Supersedes Notice: N/A

Labor Required / SLSA Warranty Allowance: 1.0 Hours

Level of Certification: SLSA: LSA Repairman Maintenance or A&P
ELSA: Owner (certification not required)
Check the rules of the local controlling authority/agency and the operating limitations for your aircraft.

Synopsis:

The SPRING-00002-L/R-1 can possibly cause wear to the throttle shaft, as the spring rests against the throttle shaft. This potential wear is located at the base of the throttle shaft. To prevent this, a retaining plate has been designed for the spring to be captured in, and serve as a bearing surface for, the inboard leg of the spring.

Wear caused by the spring to the throttle shaft does not require replacement or modification of the throttle shaft, as long as the wear has not reduced the diameter of the shaft below the existing minimum diameter of the shaft (the minimum diameter of the shaft is located at the base of the shaft, where the shaft enters the carburetor housing).

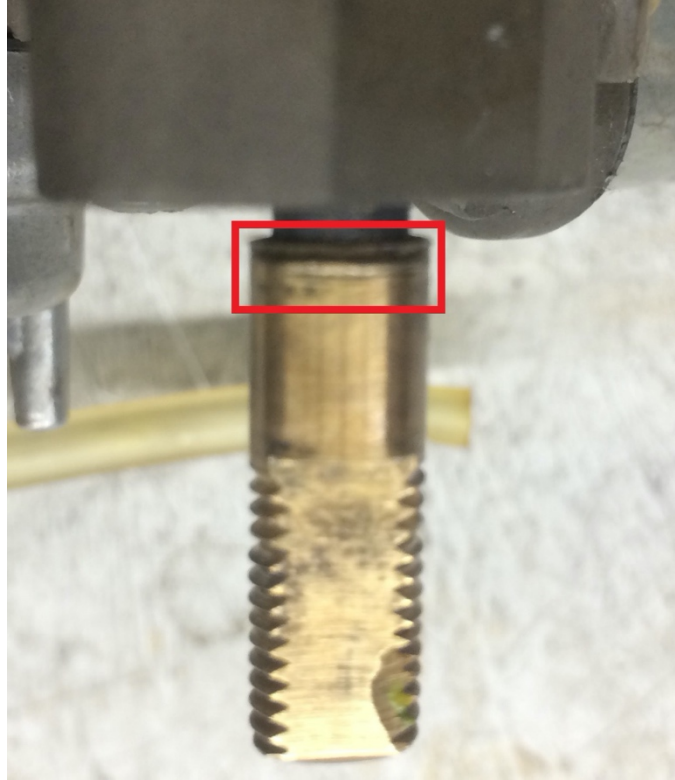


FIGURE 1: Wear on throttle shaft from throttle return spring

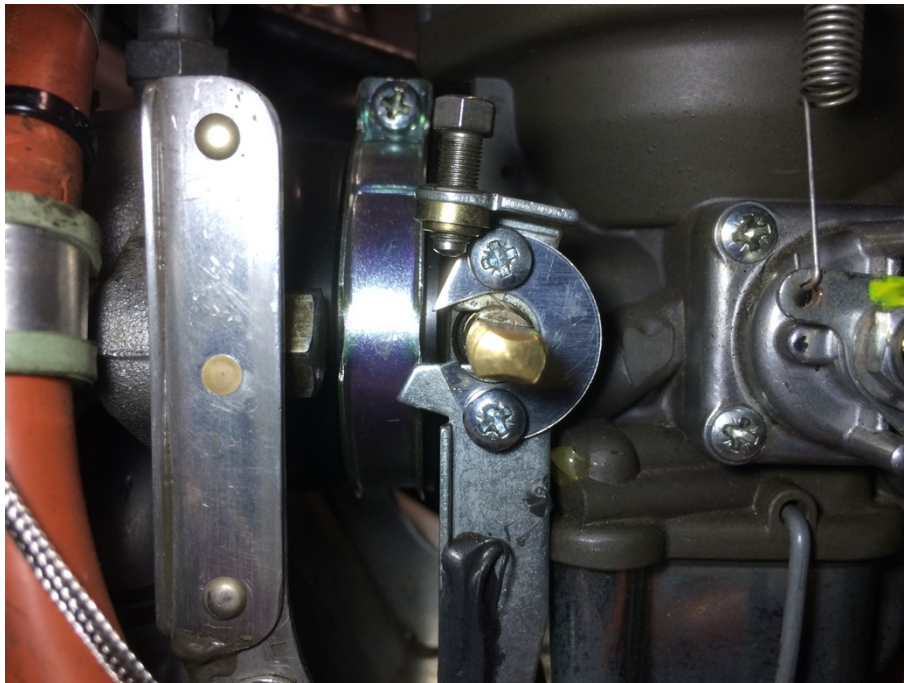


FIGURE 2: VA-00276 installed (SPRING-00002-L-1 not installed)

Materials Required:

The following materials are required to complete the steps necessary to achieve compliance with this Service Bulletin:

Purchase two of Part no. VA-00276

Method of Compliance:

Step 1: Remove 942290 NUT, 845035 SPRING WASHER, THROTTLE ARM, and SPRING-00002-L/R-1. Refer to KAI 50-05 Figure 1 for detailed parts diagram.

Step 2: Install VA-00276. Refer to KAI 50-05 for the installation process.

Step 3: Make a logbook entry indicating compliance with service document per the requirements of the controlling authority/agency.

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.

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and immediately notify Van's Aircraft, Inc. via email at registrations@vansaircraft.com.

Information regarding establishing/transferring aircraft ownership, registration and licensing is available at: <https://www.vansaircraft.com/qr/transfer-of-ownership/>