

# TOTAL PERFORMANCE VAN'S AIRCRAFT

14401 Keil Road NE, Aurora, Oregon, USA 97002  
PHONE 503-678-6545 • FAX 503-678-6560 • [www.vansaircraft.com](http://www.vansaircraft.com) • [info@vansaircraft.com](mailto:info@vansaircraft.com)  
Service Letters and Bulletins: [www.vansaircraft.com/public/service.htm](http://www.vansaircraft.com/public/service.htm)

## NOTIFICATION 15-10-01

**Date Released:** October 1<sup>st</sup>, 2015  
**Date Effective:** October 1<sup>st</sup>, 2015  
**Subject:** Flap Handle Button Actuation Force  
**Affected Models:** All RV-12's  
**Required Action:** Modify the flap handle spring  
**Time of Compliance:** None  
**Supercedes Notice:** N/A  
**Labor Required / SLSA Warranty Allowance:** .5 Hours / None  
**Level of Certification:** LSA Repairman Maintenance, A&P

### Synopsis:

This notification explains how to shorten the VA-114 Compression Spring to allow a lower force required for actuating the flap knob.

### Method of Compliance:

Step 1: Use RV-12 KAI Section 32 as reference to remove the VA-114 Compression Spring.

Step 2: Choose one end of the VA-114 Compression Spring and make a mark on the spring per the dimensions in Figure 1.

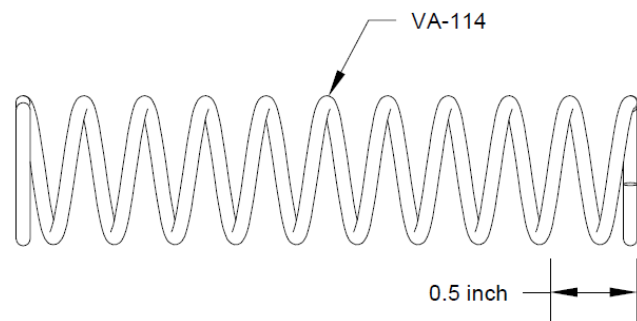
Cut the spring at the mark and discard the small piece. A die-grinder with a small cutoff disc works very well for making this cut.

**NOTE: When installing the shortened compression spring into the WD-1213 Flap Handle, orient the cut side of the spring facing down the flap handle.**

Step 3: Use RV-12 KAI Section 32 as reference to re-install the VA-114 Compression Spring.

### PART NUMBER

VA-114 Compression Spring



**FIGURE 1: COMPRESSION SPRING MODIFICATION**