

**TOTAL PERFORMANCE**  
**VAN'S AIRCRAFT**

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## **SERVICE BULLETIN 14-09-10**

**Date Released:** September 10, 2014

**Date Effective:** September 10, 2014

**Subject:** Throttle return spring replacement

**Affected Models:** RV-12 aircraft using McFarlane 6818 springs.

**Required Action:** Remove and replace affected throttle return springs.

**Time of Compliance:** Before further flight

**Supersedes Notice:** SB 14-07-29

**Labor Required / SLSA Warranty Allowance:** N/A

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

**Synopsis:**

Field service has shown that McFarlane springs PN 6818 (as referenced in SB 14-07-23) may fail due to engine vibration. All RV-12 owner/operators that received 6818 springs from Van's Aircraft for SB 14-07-23 have been notified prior to the release of this service bulletin. However, it has come to our attention that some RV-12 owner/operators may have received 6818 springs through sources other than Van's Aircraft.

**Method of Compliance:**

McFarlane springs PN 6818, can be identified by a colored stripe along the coils of the spring.

Remove installed 6818 springs and re-install the Rotax springs supplied with your aircraft. If you have installed a new vernier style throttle purchased from McFarlane or another aftermarket supplier contact McFarlane Aviation for an interim solution using McFarlane medium strength spring P/N 6696 as the vernier style throttle is not compatible with the standard Rotax springs.

Van's Aircraft is in the process of testing a replacement for the 6818 spring. This service bulletin will be superseded by a notification allowing the installation of the new replacement springs when they become available.