



SERVICE BULLETIN 00064

Date Released: January 23, 2023

Date Effective: January 23, 2023

Subject: Cylinder #1 Exhaust Tube Flat Spring Installation

Affected Models: RV-12 aircraft with EX-00044 exhaust systems, or which have complied with SB-00005

RV-12iS aircraft with EX-00021 or EX-00026 exhaust systems, or which have complied with SB-00013

SLSA RV-12 and RV-12iS Aircraft Serial Numbers 12001-12126

Required Action: Install EX-00045 Exhaust Flat Springs on the Cylinder #1 exhaust tube

Time of Compliance: Within 10 hours or at the next annual inspection, whichever occurs first

Supersedes Notice: N/A

Labor Required / SLSA Warranty Allowance: 0.5 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:

Van's Aircraft has found that the slip joints on exhaust tubes EX-00015-1 (RV-12 with SB-00005), EX-00021-1 (RV-12iS with 912iS), EX-00026-1 (RV-12iS with 912ULS) and EX-00044A (RV-12 with 912ULS) may shift during engine start, potentially resulting in interference with the cowling or exhaust tube disengagement at the slip joint. Installation of EX-00045 Exhaust Flat Springs limits the slippage of the Cylinder #1 exhaust pipes while absorbing forces generated during engine start.

Materials Required:

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

- SB-00064 KIT

Method of Compliance:

Step 1: Remove the upper cowl.

Step 2: Verify that the exhaust system does not interfere with the cowling or engine components per KAI 48iS/U-07 and 48iS/U-08 (RV-12iS) or KAI 48-08 (RV-12).

Step 3: Remove the lower cowl.

Step 4: If interference was noted in Step 2, loosen the exhaust stud nuts and adjust the muffler assembly to eliminate interference. Tighten the exhaust stud nuts. Reference KAI 48iS/U.

Step 5: Install the EX-00045 Exhaust Flat Springs per the instructions in KAI 48iS/U-09 (RV-12iS) or KAI 48-04 (RV-12).

Step 6: Install the lower and upper cowl.

Step 7: 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. Add the name and date of the service information to the Addendum Documents List at the front of the Maintenance Manual.

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/>