



SERVICE LETTER 00030

Date Released: November 10th, 2020

Date Effective: November 10th, 2020

Subject: Grove Wheel and Brake Option

Affected Models: All RV-12 and RV-12iS aircraft

Required Action: Optionally remove original brake system and replace with Grove wheel and brake system

Time of Compliance: None

Supersedes Notice: None

Labor Required / SLSA Warranty Allowance: 4.5 Hours (if applicable)

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:

An option for a premium wheel and brake system is now available for the RV-12 and RV-12iS. This brake system offers equivalent or better braking performance to the stock brake system. The premium system's main advantage is a significantly longer projected life of the brake components. Details about this option are now included in the RV-12iS KAI, the applicable sections of which are referred to below. Owners of existing original RV-12 aircraft should refer to the RV-12iS sections referenced below (available from the RV-12iS Service Information section of the Van's Aircraft website) when making this change. Existing aircraft owners may leverage this Service Letter for compliance should they wish to replace the original brake system with this new system.

Materials Required:

The following materials are required to complete the steps necessary to achieve compliance with this Service Letter 00030.

For aircraft without wheel pants:
Purchase Part no. 12 GROVE NO WHEELPANTS

For aircraft with wheel pants:
Purchase Part no. 12 GROVE FOR WHL PANTS

Method of Compliance:

Step 1: Referring to RV-12iS Section KAI 36iS/U, remove the wheel pants, if applicable.

Step 2: Referring to RV-12iS KAI Section 35iS/U, remove the tire and wheel, brake caliper and brake disc. Note the orientation of any shims between the axle and the gear leg.

Step 3: Referring to RV-12iS KAI Section 35GiS/U, install the Grove wheel and brake system. Note that an aircraft equipped with wheel pants will require a new axle, which is included in the wheel/brake packages listed above.

Step 4: 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/>