



SERVICE LETTER SL-00048 R1

Date Released:	October 21, 2022 (Rev 1 - expanded to all RV-12/12iS) August 27, 2021 (for internal SLSA use only)
Date Effective:	August 27, 2021
Subject:	RV-12/12iS Roomier Control Stick
Affected Models:	All RV-12/12iS with original WD-1212 control sticks
Required Action:	Optionally replace control stick WD-1212 with WD-01212-1
Time of Compliance:	Compliance with this service letter is optional
Supersedes Notice:	N/A
Labor Required:	2 hours
Level of Certification:	SLSA: LSA Repairman Maintenance or A&P ELSA: Owner (certification not required) <i>Check the rules of the local controlling authority/agency and the operating limitations for your aircraft.</i>

Synopsis:

An newer version control stick (WD-01212-1) is available as an optional replacement for the original WD-1212 control stick, which places the grip 1.75 inches further forward (away from the pilot). In some situations, this new stick will better enable the pilot to reach the stick-aft control stop, which can improve performance during slow flight and landing flare.

Materials Required:

The following materials are required to complete the steps necessary to achieve compliance with Service Letter SL-00048:

Purchase SL-00048-KIT

Method of Compliance:

Step 1: Remove the F-12104 Access Panel and F-1227 Seat Ramp Cover from the left side of the aircraft.

Step 2: Disconnect the nine-pin connector. See Kit Assembly Instructions (KAI) page 42MiS/U-06.

Step 3: Remove the WD-1212 Control Stick from the aircraft. See KAI page 32iS/U-10.

Step 4: Remove all components from the WD-1212 Control Stick as shown in KAI page 42MiS/U-06. Specifically:

Disassemble the ES-00140 nine-pin connector. Remove the ES-SA1018 D-Sub Pins by cutting all wires as close to connector as possible.

Remove the CS-G405 Control Head, pulling the wires through the SB187-2 Snap Bushing and out the top of the WD-1212 Control Stick.

Remove the CS-G405 Foam Grip and the CS-G405 Spacer.

Remove the BS.245X.375X2 bushing.

Step 5: Install all removed components onto the new WD-01212-1 Control Stick as shown on KAI page 42MiS/U-06. Specifically:

Install the CS-G405 Spacer and the CS-G405 Foam Grip to the upper end of the control stick.

Install the CS-G405 Control Head, crimping new ES SA-1018 D-Sub Pins onto the ends of the wires after pulling them through the WD-01212-1.

Insert the BS.245X.375X2 bushing into the pivot tube. See KAI page 32iS/U-10

Step 6: Install the WD-01212-1 assembly. See KAI page 32iS/U-10.

Step 7: Plug in the ES-00140 nine-pin connector. See KAI page 42MiS/U-06.

Step 8: Install the F-1227 Seat Ramp Cover and F-12104 Access Panel.

Step 9: Repeat steps 1 through 8 on the right side of the airplane.

Step 10: 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/>