



VAN'S AIRCRAFT
TOTAL PERFORMANCE

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SERVICE BULLETIN 00141 REV 0

Date Released: September 29, 2026

Date Effective: September 29, 2026

Subject: Canopy Lighting Wire Retention

Affected Models: SLSA RV-12iS aircraft: Serial Numbers 12225-12244

Required Action: Install retention clip and tie-wrap.

Time of Compliance: Within the next 5 flight hours

Supersedes Notice: N/A

Labor Required / SLSA Warranty Allowance: 0.3 Hours

Level of Certification: SLSA: Owner or 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:

The canopy lighting wire may rub against the gas strut and gas strut retention hardware chaffing through the wire insulation causing a short unless the wire retained against the canopy frame as shown in Figure 1.

Materials Required:

The following materials are required to complete the steps necessary to achieve compliance with this Service Bulletin 00141

Purchase: SB-00141-KIT

Consumables:

Black RTV

Anti chafe tape (3M Friction Tape)

Aluminum tape

Method of Compliance:

Step 1: Remove the PFD EFIS from the left side of the aircraft.

Step 2: Remove any aluminum foil tape retaining the wire as shown in Figure 1.

Step 3: Remove any RTV from the wire pass through hole or that may be retaining the wire along the side of the aircraft as shown in Figure 1.

Step 4: Confirm that the wire can move freely through the pass through hole. Pull 1 to 2 inches of wire through the hole out of the aircraft.

Step 5: Place the HW-00004 on the lower face of the canopy frame approximately 3.25 inches forward of the notch in the canopy frame as shown in Figure 2. This will be next to a short stitch weld in the canopy frame. Bias HW-00004 inboard as far as possible while leaving room for a tie-wrap to pass through HW-00004 and the canopy frame.

Step 6: Mark the center of HW-00004 attach hole on the canopy frame lower face. Set the HW-00004 aside then drill #30 a rivet hole into the canopy frame at the marked location.

Step 7: Orient HW-00004 on the canopy frame as shown in Figure 2.

Rivet HW-00004 to the canopy frame using the hardware called out in Figure 2.

Step 8: Install a tie-wrap to the inboard retention ring of HW-00004 and around the canopy lighting wire. This will hold the wire up and inboard away from the gas strut. When inserting the tie-wrap first deform the tip of the tie-wrap into a tight curled shape.

Step 9: Slowly close the canopy frame while supporting the weight of the canopy with your hand. If not enough wire is pulled through the pass through hole the canopy will not close but rather pull against the wire. If this is the case pull more wire through the pass through hole until the canopy will close without pulling on the wire.

Step 10: Check that the anti-chafe tape is properly positioned. Remove and reapply the tape if necessary.

Step 11: Apply the aluminum foil tape as shown in Figure 1. Repeat Step 9 to confirm the wire is not being placed in tension.

Step 12: Open the canopy and apply RTV to the pass through hole and along the wire forward of the aluminum tape as shown in Figure 1. Carefully clean any excess RTV from the outside of the wire passthrough while making sure the wire pass through hole is sealed. Leave the canopy in the open position until the RTV has fully cured.

Step 13: Make a logbook entry indicating compliance with this 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. Please include the new owner's contact information and date the aircraft ownership transferred.

Information regarding establishing/transferring aircraft ownership, registration and licensing is available at: <https://www.vansaircraft.com/qr/transfer-of-ownership/>

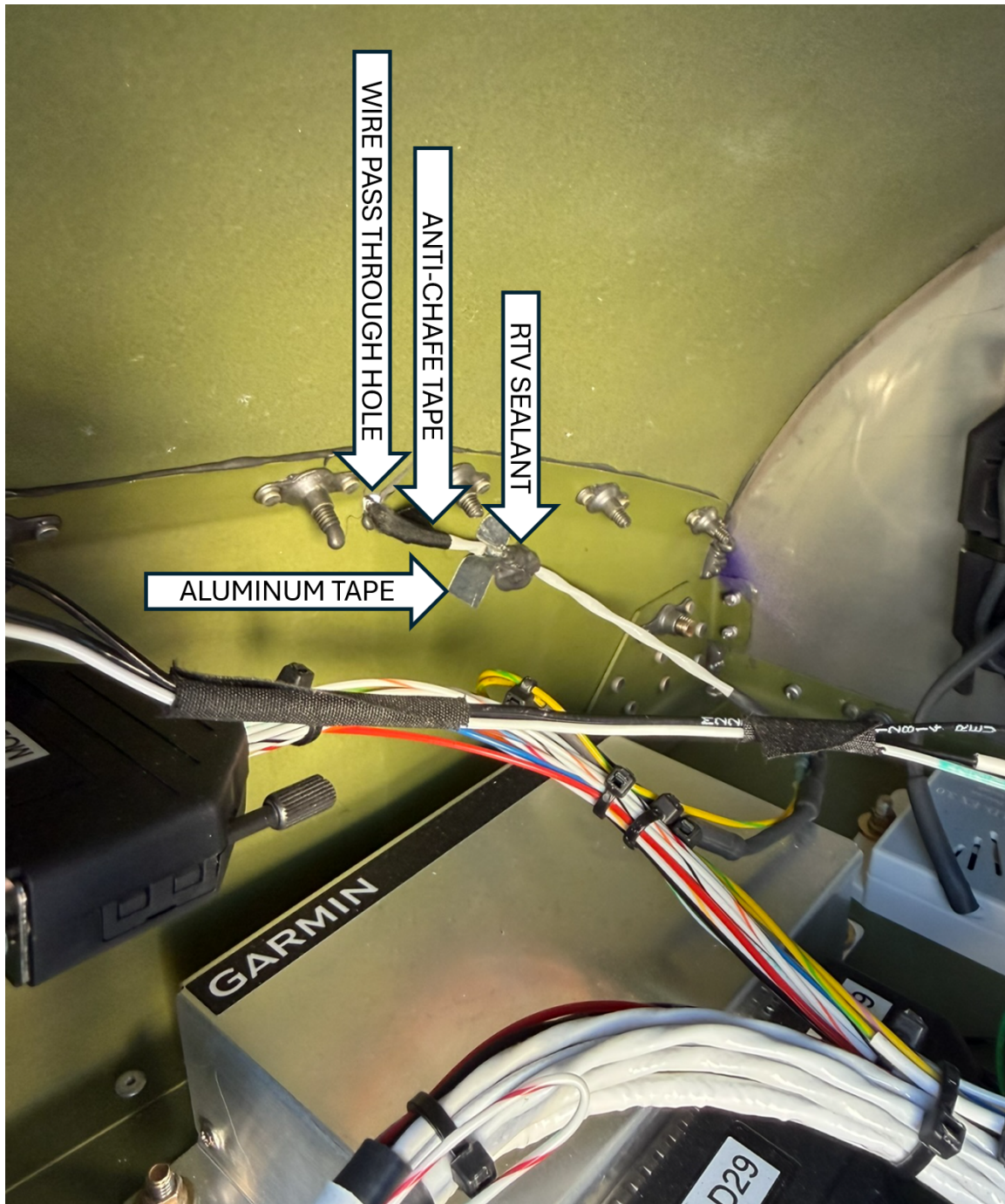


FIGURE 1: INTERNAL WIRE ROUTING

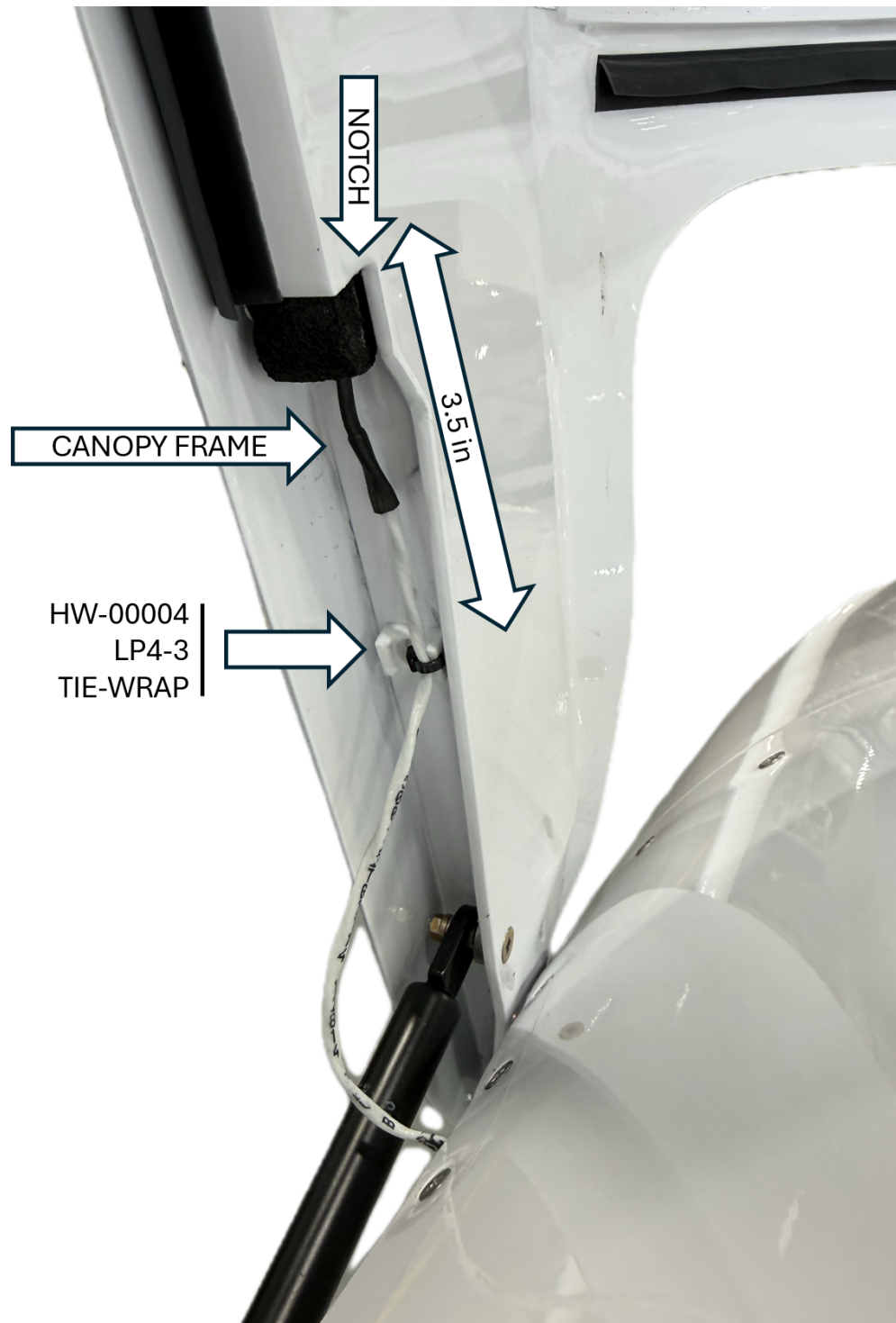


FIGURE 2: HW-00004 INSTALLLATION