



SERVICE LETTER 00121 REV 2

Date Released: March 17, 2026

Date Effective: March 17, 2026 – REV 2 (Initial Release)

Subject: Fuel pumps and filter

Affected Models: This optional update is applicable to RV-12iS aircraft equipped with a 912iS Engine, **AND** Fuselage kits shipped before 2/20/26, **AND** Powerplant kits shipped after 12/1/25.

Required Action: Update fuel lines, and pumps and filter bracketry to accommodate the new ROTAX 889731 pumps.

Time of Compliance: None

Supersedes Notice: None

Labor Required / SLSA Warranty Allowance: N/A

Level of Certification: SLSA: LSA Repairman Maintenance or A&P. Check the rules of the local controlling agency and the operating limitations of your aircraft.

Synopsis:
Due to unavailability of parts, the fuel system has been redesigned to incorporate the new ROTAX supported fuel pumps for the 912iS engine.

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

[SL-00121-KIT](#)

Method of Compliance:

Step 1: Open all access panels that can be used to access all parts called out in FIGURE 2.

Step 2: Remove the nutplates from the tailcone access hatch pointed out in FIGURE 1.

Step 3: Using the F-01282-3-TEMPLATE, cut out the new hatch by cutting along the inside edge. Locate the template off the trailing tailcone attaching rivets, and the access hatch joggle.

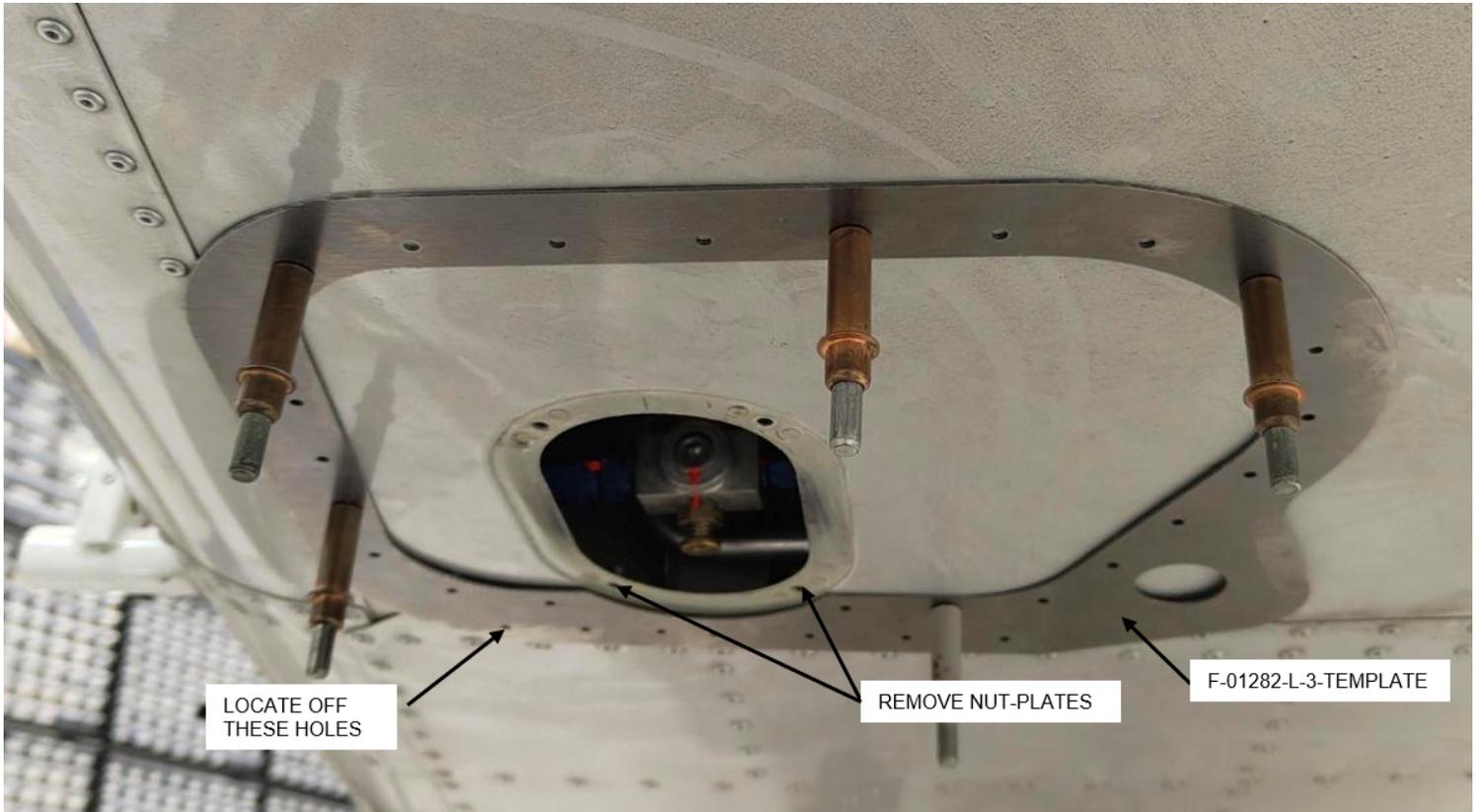


FIGURE 1: TEMPLATE USE

Step 4: Drain the system according to your Maintenance Manual. Remove the following Components. Reference FIGURE 2.

- | | | | |
|---|--------------------------|---|----------|
| 1 | 874 060 | 1 | F-12127E |
| 1 | FUEL-CK375-NM-14-BRP | 1 | F-12127F |
| 2 | FLF-00013 | 1 | F-12127G |
| 1 | ROTAX FUEL PUMP ASSEMBLY | 1 | F-12127H |
| 1 | VA-265 | 1 | F-12127J |
| 1 | FUEL-FX375-M | 1 | F-12127K |
| 1 | FUEL VALVE 4161089 | | |
| 1 | F-12127D | | |

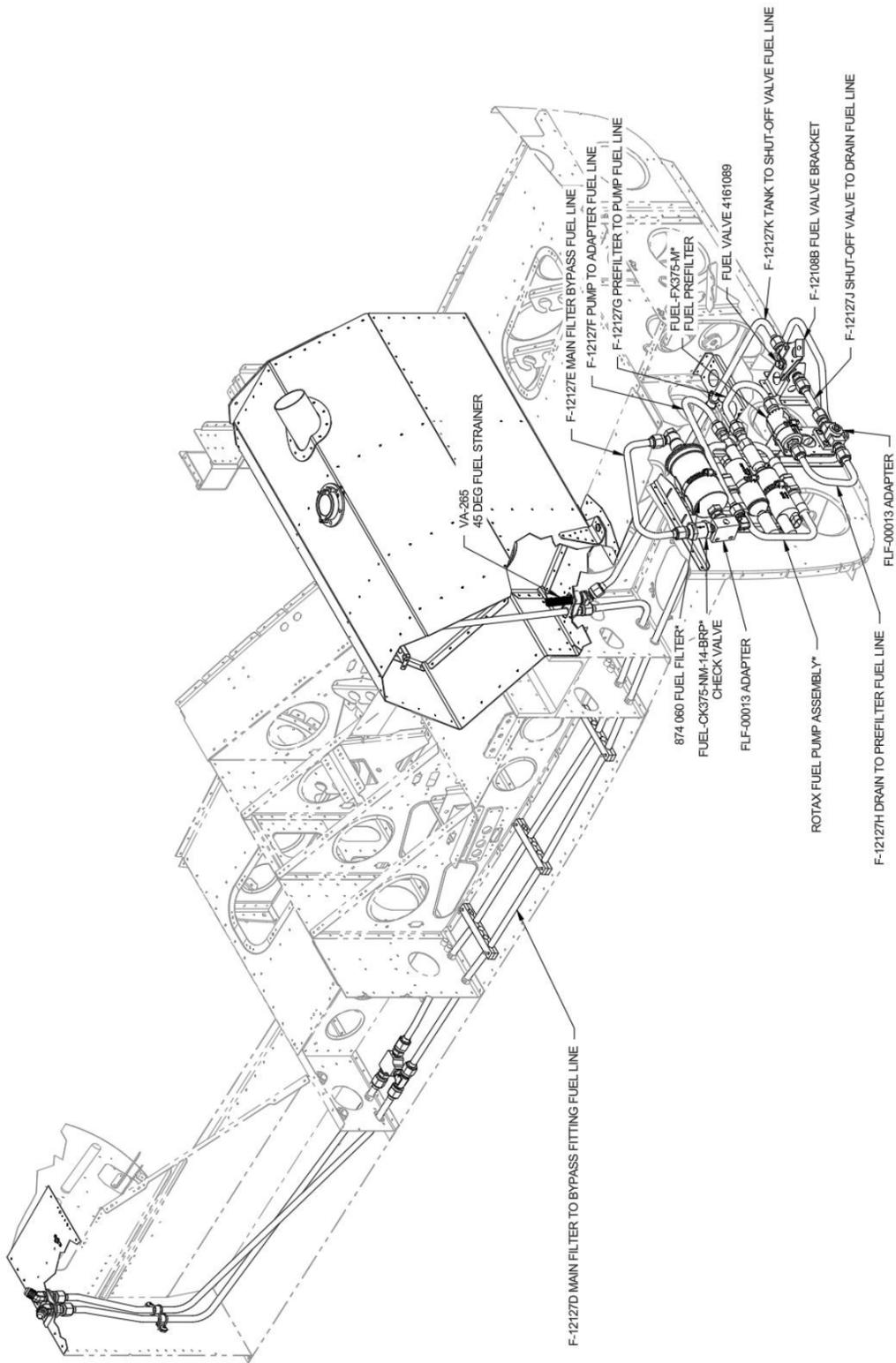


FIGURE 2: REMOVED FUEL LINES

Step 5: Remove the following components from the fuel system as shown in FIGURE 3 and FIGURE 4.

- 1 F-12108A
- 1 F-12108B
- 1 F-12109B-L
- 1 F-12109B-R
- 1 F-12109A
- 1 F-12110
- 1 F-12111A-L
- 1 F-12111A-R
- 1 F-12111B
- 2 F-12111C
- 2 FLF-00013
- 1 CT-01204

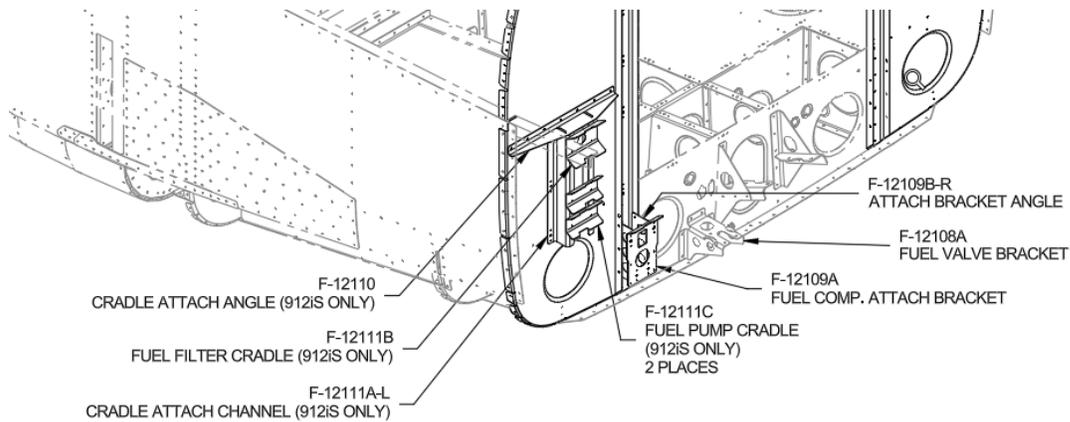


FIGURE 3: COMPONENT REMOVAL

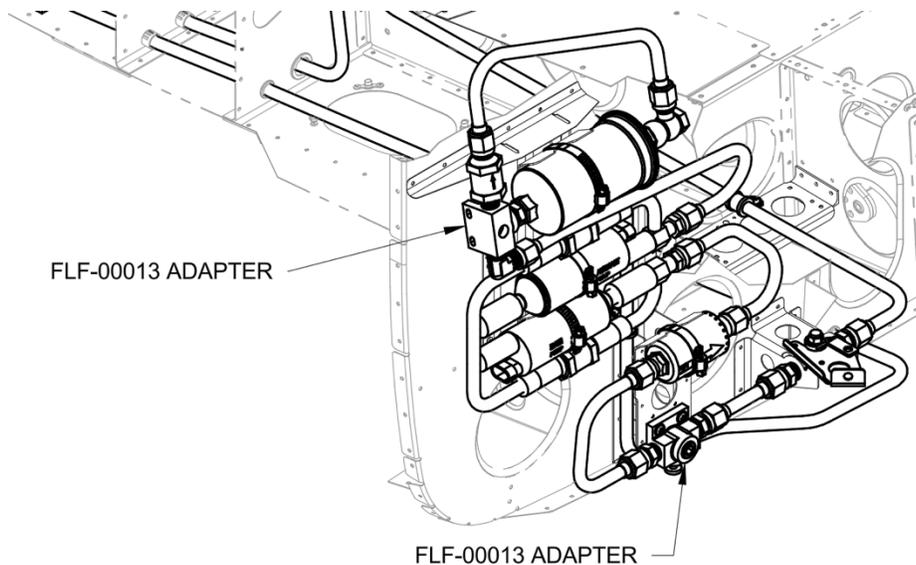


FIGURE 4: FLF-00013 REMOVAL

Step 6: Install the Access hatch doubler according to Section 38iS/U-07, adding F-12353 as shown below using two LP4-3 rivets.

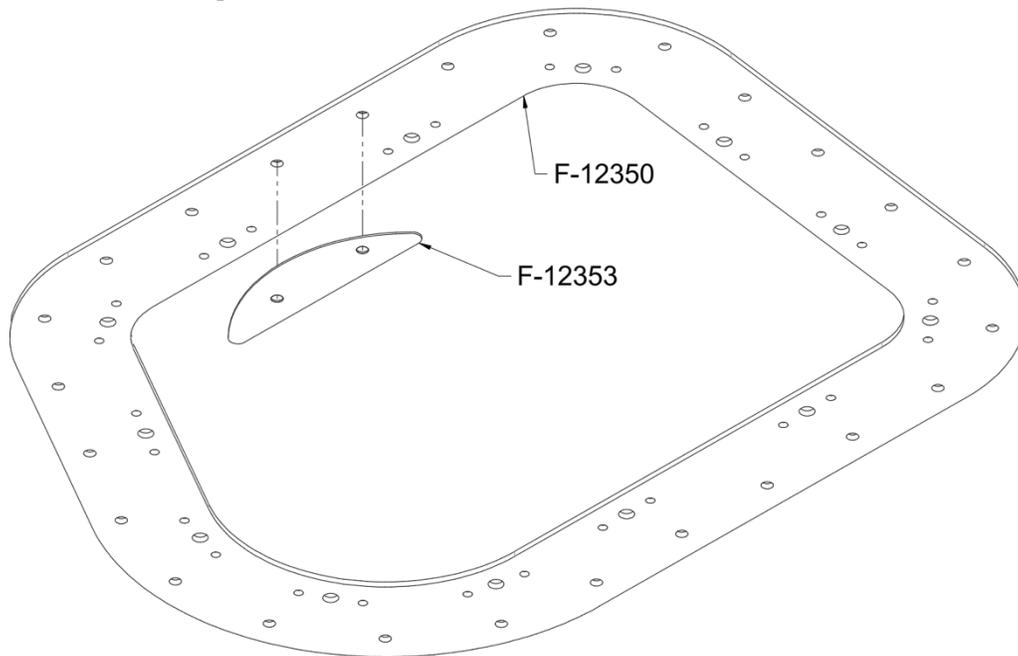


FIGURE 5: MOUNTING F-12353

Step 7: Install VA-265-1 according to Section 26iS/U-07.

Step 8: Use F-12337-TEMPLATE to locate the new holes for F-12337 as shown in FIGURE 6.

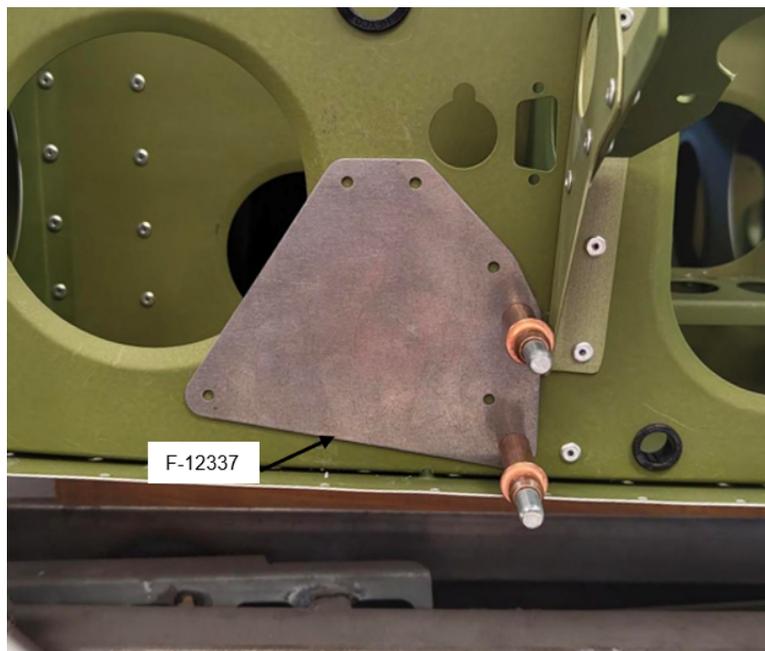


FIGURE 6: LOCATING F-12337-TEMPLATE

Step 9: Use F-12344 as a drill guide and align the bottom of the part inline with the rivet line shown. Mark and drill out the 4 hole locations on the part. The bulkhead and the mounting face of F-12344 should be parallel.

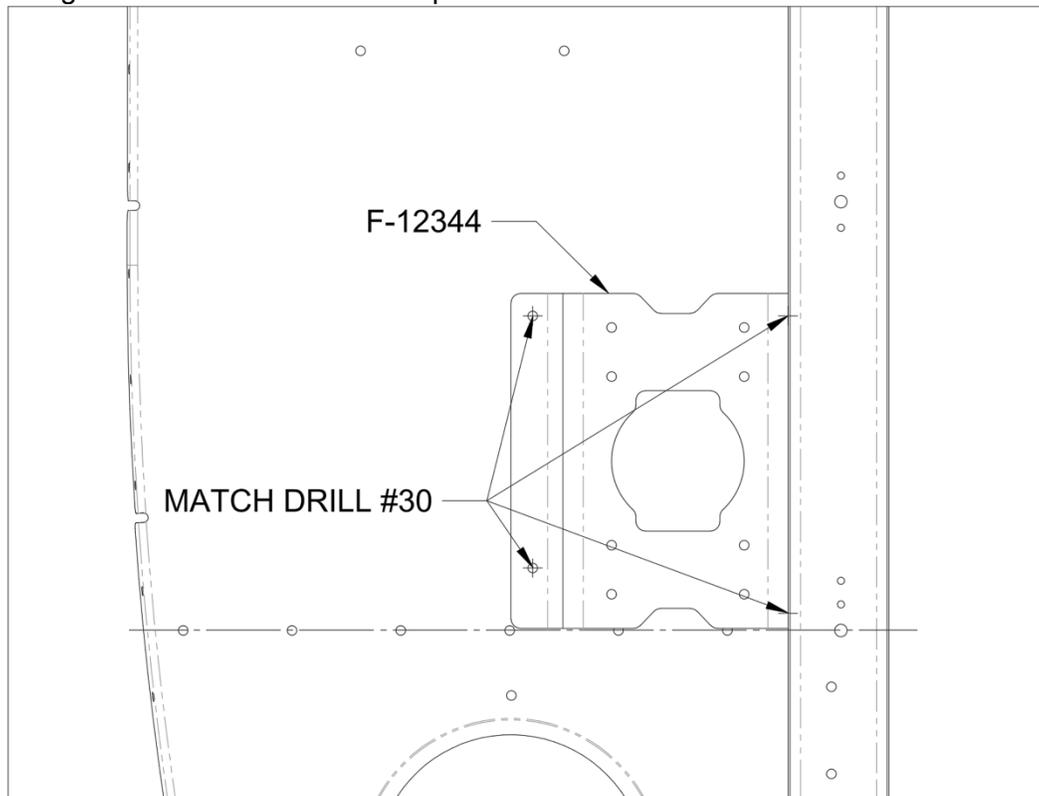


FIGURE 7: LOCATING F-12344

Step 10: Install the new fuel system supporting bracketry according to Section 21iS/U-24, Section 24iS/U-07, -08.

Step 11: Install the new fuel system pumps, filters, and lines according to Section 27iS/U.

Step 12: Check the system according to VAD-10007 RV-12 PAP R3.0 Section G4.

Step 13: Download the RV-12iS POH R13, RV-12iS MM R6, and the FTS R8 to update documentation to include these changes.

Step 14: 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/>