



Step 1: Close and latch the canopy from the inside.

Move the top of the ES E22-50K Switch aft against the latch pin using light pressure and tighten the screws to lock it in position.

Use an ohm meter or continuity tester to check between the two forward terminals. Confirm that the switch changes state from continuity/zero ohms when latched to no continuity/infinite resistance when the canopy latch handle is moved to the open position.

Step 2: Trim the excess length from the W2128 (WHT/BLK) and W2129 (BLK) Canopy Latch Switch wires so that 2 3/4 in. [69.9 mm] protrudes out of the hole beside the switch.

NOTE: See Section 5.21 for information on electrical connections.

Step 3: Install the spade connectors on the canopy latch switch wires as shown in Figure 1. Connect the wires to the canopy latch switch as depicted.

Step 4: Apply a small amount of clear silicone sealant to the wire routing holes in the canopy frame at each end of the wire run to prevent wire movement/chaffing. See Figure 1.

Step 5: After completing all wire installation, install a plastic tie wrap at each tie hole location. Trim the excess "tails" off of the plastic tie wraps and rotate so that the stub is less visible as shown in Figure 2.

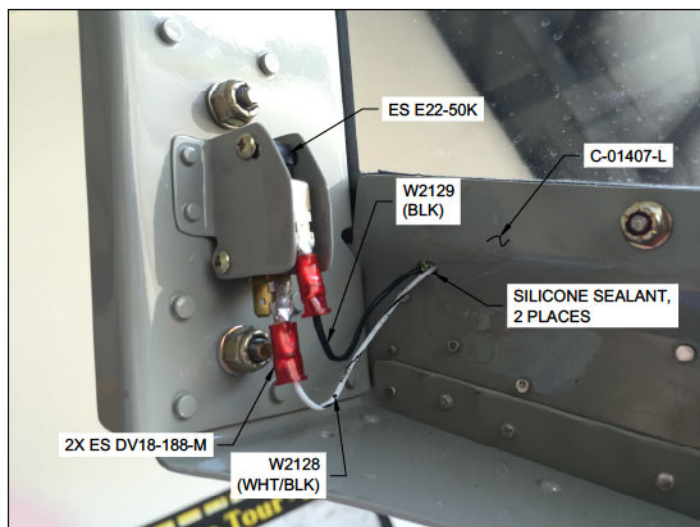


FIGURE 1: CONNECTING TO SWITCH

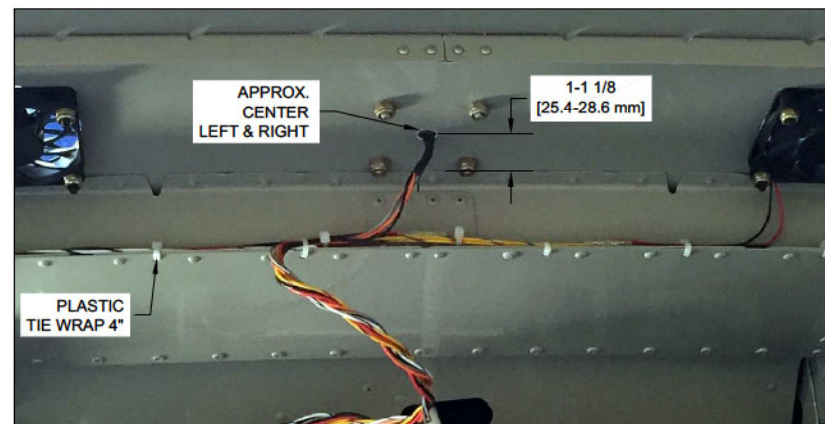


FIGURE 2: GPS ANTENNA LOCATION
DYNON SHOWN

NOTE: Antennas mounted on the glare shield are for VFR use only.

NOTE: The following steps in this section are marked (Dynon) or (Garmin). Follow those steps that apply to your installation.

Step 6 (Dynon): Use the manufacturers instructions, recommended hardware, and mounting dimensions to mount the antenna on the center right of the upper surface of the canopy skin. Take care not to locate any fasteners or protrusions so far aft that they interfere with the F-01467B Instrument Panel Flange Doubler. See Figure 2 and Page 61-06 Figure 2 for approximate location.

Optional - The antenna can be painted flat black after light scuffing with a Scotchbrite™ pad to reduce reflection in the canopy with no degradation in reception. Avoid paints that contain any materials (such as metal flakes) that may inhibit the GPS signal.

NOTE: See Section 5.21 Electrical for detailed information on pin installation.

Step 7 (Dynon): Unplug the ES-00013 harness connector of the WH-00126 Canopy Wiring Harness from the ES-00012 connector. Wrap the four wires of the Dynon GPS Antenna individually around the twisted portion of the harness.

Trim the GPS wires with 1/2 in. [12.7 mm] extra length to attach pins for insertion into the connector.

Install an ES-00005 Molex Pin on each wire and insert into the appropriate socket positions as shown on the RV-14 Common Fuselage Harness drawing (available for download on the Van's Aircraft page).

Reconnect the harness.