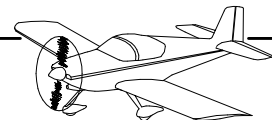


REVISION DESCRIPTION:

Page 31B-17 REV 1: Update RV-12 Section 31B-17 Figure 2 to depict ES-00043 correctly.

Rework wire routing to the ES-00043 in updated Figure 2.



Step 1: Insert the RZ441 (WHT) Co-Pilot Headset Wires and WH-P601 (ORN/BLK) Audio Power Wire into a ES-00043 Molex Receptacle, 12 Position Micro-Fit connector as shown in Figure 2.

Insert the RZ442 (WHT) Pilot Headset Wires and WH-P600 (ORN/BLK) Audio Power Wire into a ES-00043 Molex Receptacle, 12 Position Micro-Fit connector.

NOTE: The WH-P600 (ORN/BLK) and WH-P601 (ORN/BLK) Audio Power Wires may be used to install a powered headset Lemo type connector. At this time no provision has been made for an optional powered head set jack. This may be added by the builder. Please consult your headset manufacturer for further parts and information.

Step 2: Sand down the upper face of the headset jack stepped isolator washer until the stepped portion is slightly less than the thickness of the F-1226 Seat Ramp Floor.

Step 3: Attach the ES-00147 Headset Jack Modules to the F-1226-L & -R Seat Ramp Floors as shown in Figure 1.

Step 4: Connect the ES-00043 Molex Receptacle, 12 Position Micro-Fit connectors from Step 1 into the corresponding connectors on the ES-00147 Headset Jack Modules.

Step 5: Use a multimeter to check that there is no continuity between the nuts on the headphone and mic jacks and airframe ground.

NOTE: The audio jack and resistors used in the remaining steps on this page are not provided in the kit. Extra Micro-Fit terminals have been provided.

Step 6 (Optional): If audio output to a video camera is desired add a Ø1/4 hole approximately one inch below the co-pilot headphone jack. See Figure 1.

Solder two wires as shown in Figure 2 to the left and right stereo legs on a 1/8 inch audio jack. Cover the soldered connections in heat shrink. Strip the ends of these wires and crimp on ES-00046 Molex Micro-Fit Sockets.

Connect the audio jack to the Ø1/4 hole just made in the seat pan. See Figure 1.

Insert the terminals on these wires into the co-pilot side ES-00043 Molex Receptacle, 12 Position Micro-Fit connector as shown in Figure 2.

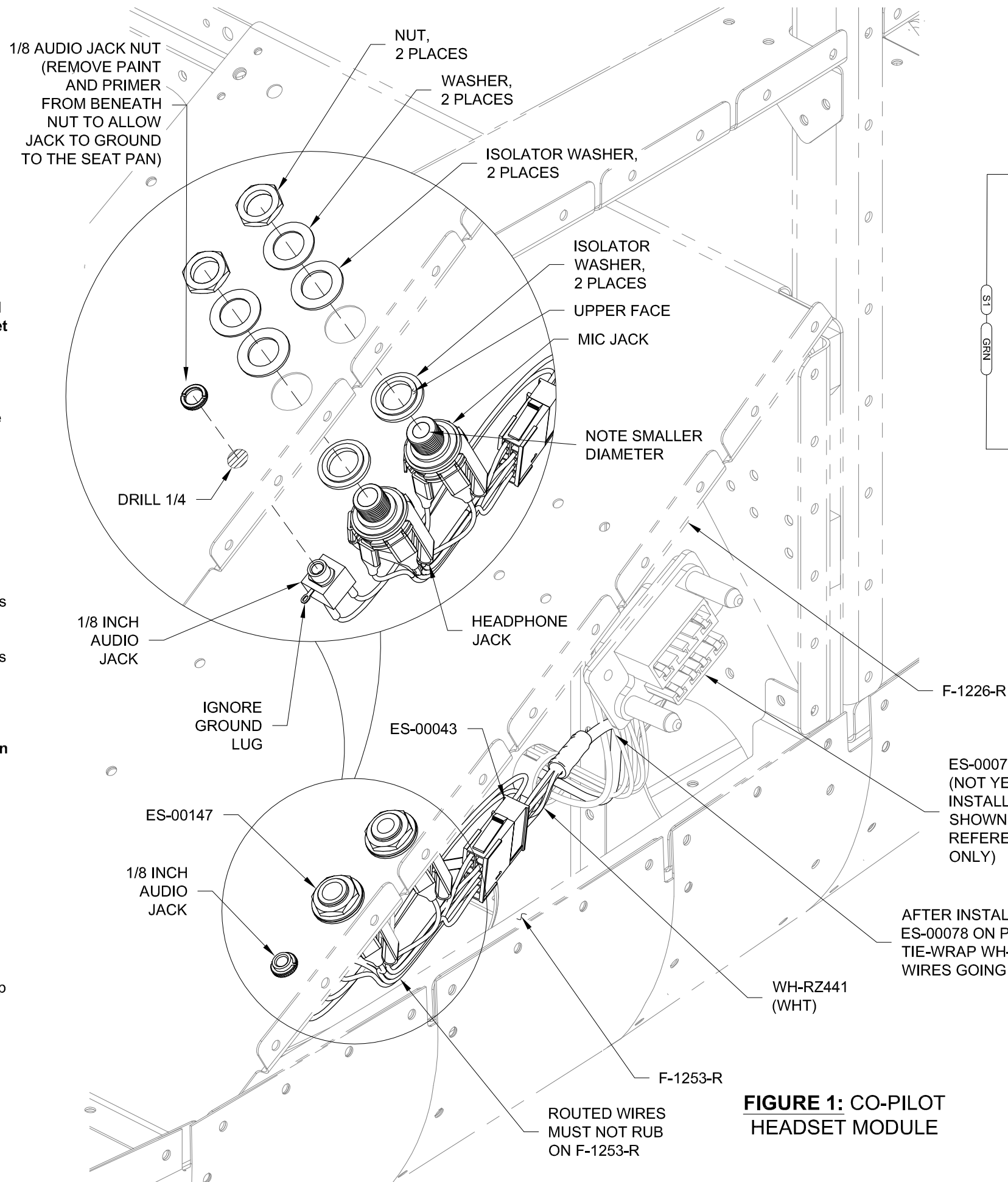


FIGURE 1: CO-PILOT HEADSET MODULE

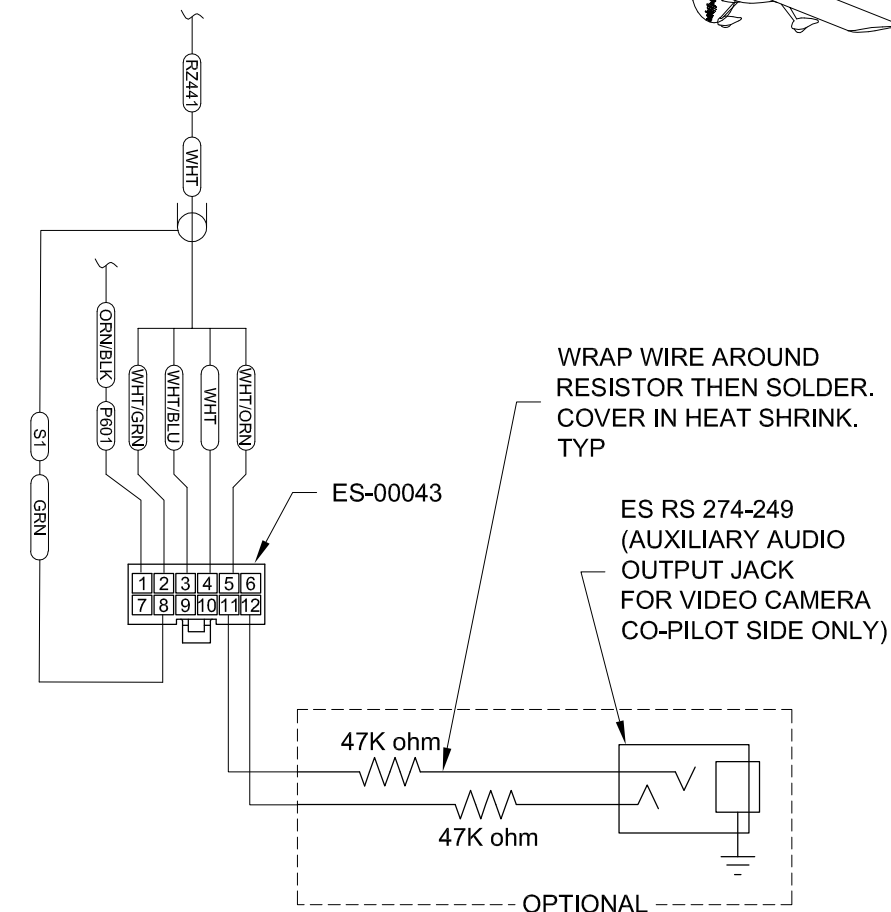


FIGURE 2: HEADSET MODULE CONNECTOR SCHEMATIC (VIEW FROM WIRE INSERTION SIDE)