

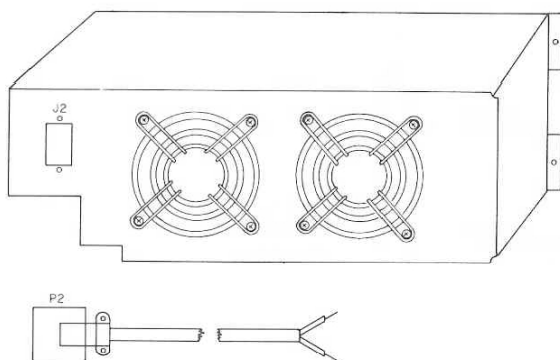


HF accessories

Collins AC-2808 Blower Kit

1. DESCRIPTION

The AC-2808 Blower Kit, Collins part number 622-3547-001, is shown in figure 1. The blower kit consists of two blower motors mounted in a blower assembly and a blower assembly power cord. (A connector is purposely left off one end.)



TPA-0770-011

AC-2808 Blower Kit
Figure 1

2. INSTALLATION

To install the blower kit, the blower assembly is mounted to the heat sink of the HF-281, HF-282, HF-380, or KWM-380 Transceiver and the open wires on the power cord are added to P1 on the back of the transceiver.

To mount the blower assembly, perform the following:

- a. Remove four screws on the bottom of the transceiver that secure the dust cover to the unit. Slide dust cover off the unit.
 - b. Position transceiver so the screws that mount the heat sink to the chassis bracket are visible.
 - c. Remove top and middle screws and washers that secure the left-hand side of the heat sink to the chassis bracket. Remove top and bottom screws and washers that secure the right-hand side of the heat sink to the chassis bracket.
 - d. Attach blower assembly to the unit using the four screws and washers that were removed in step c.
- To connect the power cable, perform the following:
- a. Disconnect P1 located at the back of the transceiver.
 - b. Remove cover from P1 and connect the brown lead in the blower assembly power cable to P1-7 (refer to figure 2).
 - c. Connect the blue lead in the blower assembly power cable to P1-12.
 - d. Replace the P1 cover and connect the modified P1 to J1 on the transceiver.
 - e. Connect P2 on the blower assembly power cable to J2 on the blower assembly.
- To achieve high average power operation, perform all the following steps for the HF-281. For the HF-282, perform only e through h and n. For the HF-380 or KWM-380, perform steps o through q.
- a. Refer to figure 3 and remove the top cover of the low-pass filter.
 - b. Set the HF-281/282 to channel 1 and note the position of the rotor tab on switch S1. The rotor tab should be making contact with the stator contact number 1. Switch S1 is the rotor switch in the low-pass filter assembly nearest the front of the unit.
 - c. 1. For units having a black rubber flex coupling, loosen the four setscrews on the flex coupling. (Refer to figure 3, detail B.)