

INSTALLATION INSTRUCTIONS

SCREEN AND GASKET RETAINER KIT BA-81C FOR FILTER ASSEMBLY BA-8110

OBJECTIVE: To replace the existing screen gasket P.N. BA-8109 with a riveted in screen and 2 each gasket retainer strips plus cementing on a new gasket to the frame.

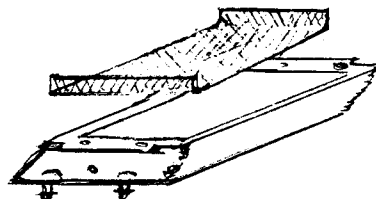
INSTRUCTIONS

Step 1. Remove filter assembly BA-8110 from aircraft and remove grill and element.

Step 2. Remove screen gasket P.N. BA-8109 from frame by pulling off over the airloc fasteners and discard.

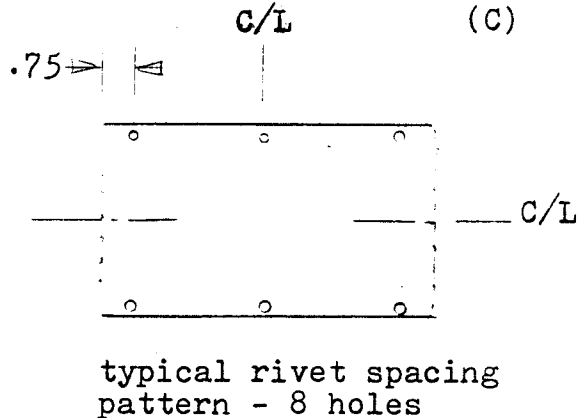
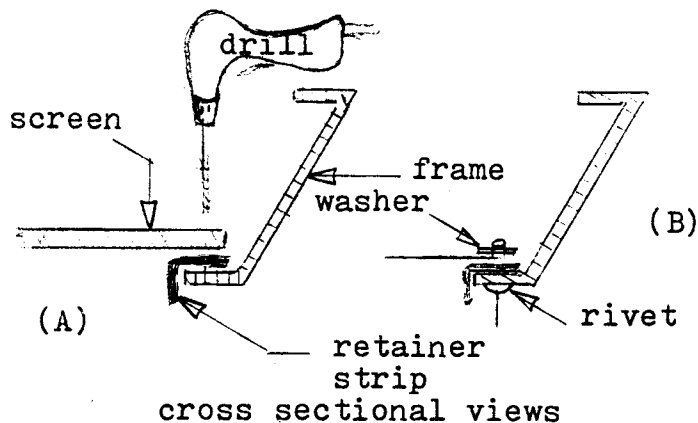
Step 3. Clean frame thoroughly.

Step 4. Install screen P/N 8106-1 into frame with bent edges up.



Step 5. Insert retainer strips P/N 7105 between the screen and frame.

Step 6. Start with the open angle end. Diagram (A) - Use a 1/8" drill and drill a hole through the screen, the retainer strip and the frame. Next insert a SSD-4-3 rivet through the frame, retainer and screen, and then place a AN 960-6L washer over the rivet and rivet in place. Diagram (B) - Next drill the 2 other holes and rivet. See rivet pattern shown in diagram (C) below.



Step 7. Drill the three holes in the closed angle end from the frame side and rivet retainer and screen in place.

Step 8. Drill 2 holes in center of the upturned screen sides and rivet in place. Use 2 each AN 960-6L washers over screen.

Step 9. Install gasket by cementing to frame. Use Dow Corning #732 RTV sealant or an equivalent. Be very careful not to damage gasket when pushing the gasket over the airlocs.

Step 10. Re-install to aircraft as per original instructions.