



SERVICE BULLETIN

FUJI HEAVY INDUSTRIES LTD.

HEAD OFFICE

: SUBARU BLDG,

SHINJUKU, TOKYO, JAPAN

NO : FAS-012A

DATE: December 12, 1969

REV. "A", February 3, 1972

1. SUBJECT : Inspection of battery.
2. AIRCRAFT AFFECTED: FA-200 Series Aircraft, S/Ns 12 thru 127, equipped with P/N 200-383600-001 battery. | A
3. PRIORITY : Essential.
4. REASON : Battery installation should be inspected for fear that electrolytic fluid leak in case of overfilling or inadequate installation of battery cover.
5. DESCRIPTION : Inspect the battery installation. Work procedure and inspection item are described in No. 13 and No. 14. Have a contact to Fuji H. I., if electrolyte leakage is found.
6. ACCOMPLISHMENT : As soon as reception of this service bulletin and at all 50 hr inspection thereafter.
7. APPROVAL : JCAB Approval (No. 315) January 21, 1969
8. PARTS REQUIRED : Nothing.
9. SPECIAL TOOLS : Nothing.
10. WEIGHT AND BALANCE: No change.
11. REFERENCE : Nothing.
12. MANPOWER : 1 MH.

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13. WORK PROCEDURE

13-1 PREPARATION

- (1) Master switch --- off.
- (2) Remove the rear seat back rest.
- (3) Disconnect the wire and tube connected to battery and remove the battery.

14. INSPECTION

- (1) Check the battery and fuselage structure rear the battery for leakage of electrolyte.
- (2) Charge the battery and check the electrolyte level. Electrolyte level should be within mark A and B (Refer to Fig. 1).
- (3) Tighten battery cell filler caps and check the leakage from the filler caps in upside down condition.
- (4) Check the rim around the battery box for detachment. The rim height should be more than 2 mm (0.08 inch) from the rubber seal. (Fig. 2)
- (5) Check the battery cover for crack.
- (6) Check the vent pipe for the gap between the pipe and cover.
- (7) Install the battery and adjust the clamp screw as there is no gap between the battery cover and rubber seal.
- (8) Cut the tip of outboard side vent tube under fuselage as illustrated in Fig. 3.

Note: Check the above items whenever the battery or battery cover is dismantled.

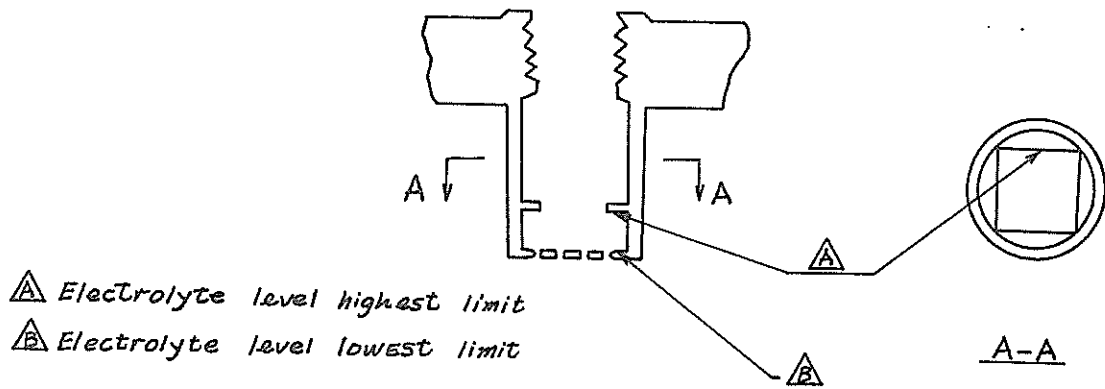


Fig. 1

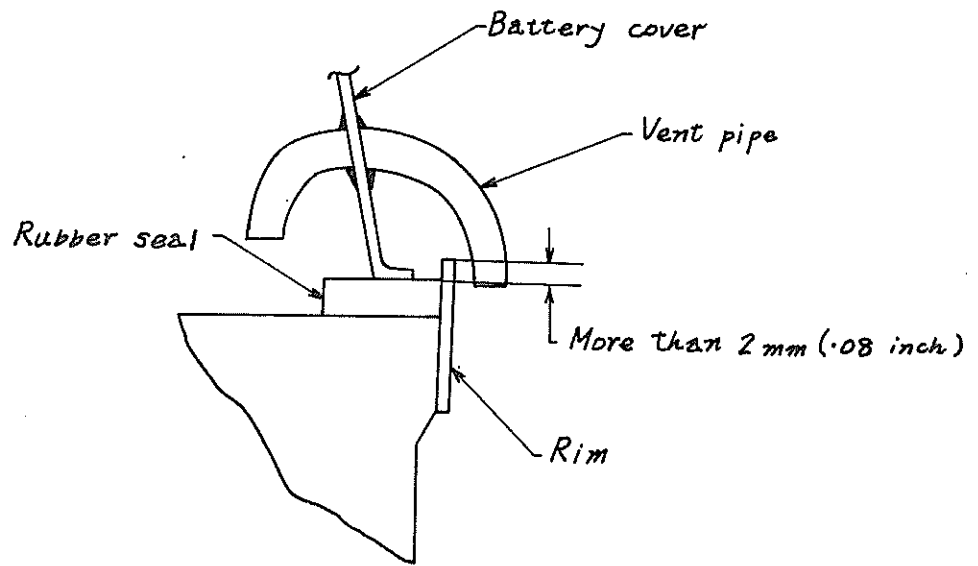


Fig. 2

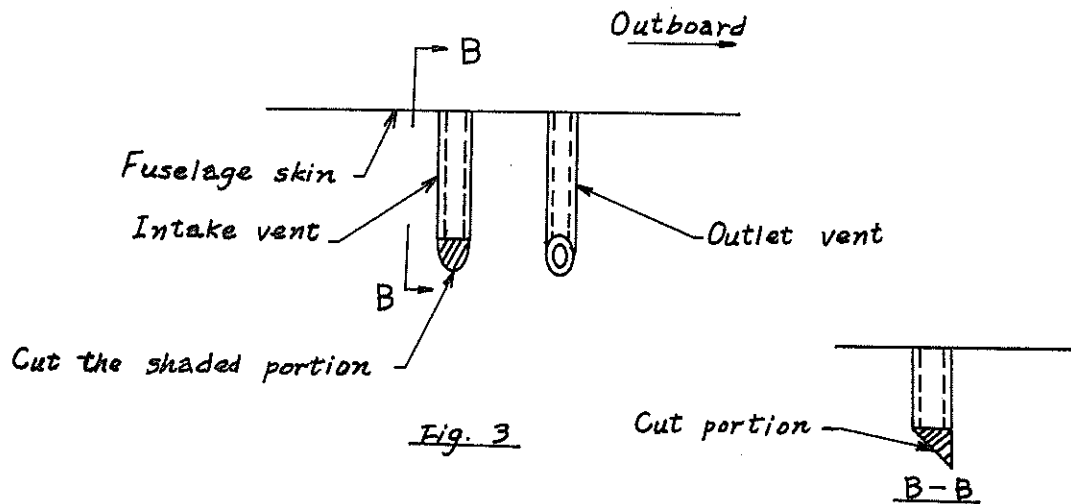


Fig. 3