



SERVICE BULLETIN

FUJI HEAVY INDUSTRIES LTD.

HEAD OFFICE

: SUBARU BLDG,

SHINJUKU, TOKYO, JAPAN

NO : FAS - 073

DATE : January 14, 1975

1. SUBJECT : Inspection of Fuel Tank Vent Line and Addition of Clamps.
2. AIRCRAFT AFFECTED : FA-200 Series Aircraft S/N 1 thru 263.
3. PRIORITY : Essential.
4. REASON : To perform special inspection of the subject vent line and install attaching clamps, since there have been several cases reported whereby cracks have occurred in the vent line root end attached to the fuel tank.
5. DESCRIPTION : Visually inspect the tube root end for cracks, and, if no cracks are found, install three AN742D4 clamps. If any crack is detected, notify Fuji Heavy industries, Ltd.
6. ACCOMPLISHMENT : At the next 50 hour inspection or 100 hour inspection, whichever will occur first.
7. APPROVAL : JCAB Approval (NO-TOKYO-099) December 27, 1974.
8. PARTS REQUIRED : The following parts are required to perform this modification :

<u>NO</u>	<u>PART NUMBER</u>	<u>NOMENCLATURE</u>	<u>QUANTITY</u>
1	AN742D4	CLAMP	3
2	AN743-13	CLIP	2
3	MS35206-245	SCREW	2
4	NAS679A08W	NUT	2
5	MS20995-032	LOCKWIRE	AR
9. SPECIAL TOOL : Special Spanner (200-590071-003)
10. WEIGHT AND BALANCE : Negligible.

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11. REFERENCE : Not applicable.
12. MANHOUR REQUIRED : 8.0 manhours required.
13. DETAILED INSTRUCTIONS :
- (1) Position aircraft in a safe area and drain fuel.
 - (2) Remove fuel tank in accordance with Service Manual, para 6-3-1.
 - (3) The fuel tank vent line should be visually inspected with particular attention given to the specific area of the tube. (Ref. Figure 1, area A). If no damage is found, proceed with the following steps (4) thru (9). If any crack is found, notify Fuji Heavy Industries, Ltd.
 - (4) Remove lockwire and remove one of the bolts attaching fuel quantity transmitter (See Figure 1, area B).
 - (5) Install clip AN743-13 with the bolt removed in the above step 4.
 - (6) Tighten bolt to 45 to 55 in-lb and secure with lockwire.
 - (7) L.H Fuel Tank :

Secure two vent tubes to clip with two clamps AN742D4, one screw MS35206-245 and one nut NAS679A08W.
 - (8) R.H Fuel Tank :

Secure one vent tube to clip with one clamp AN742D4, one screw MS35206-245 and one nut NAS679A08W.
 - (9) Reinstall fuel tank in accordance with Service Manual, para 6-3-3.

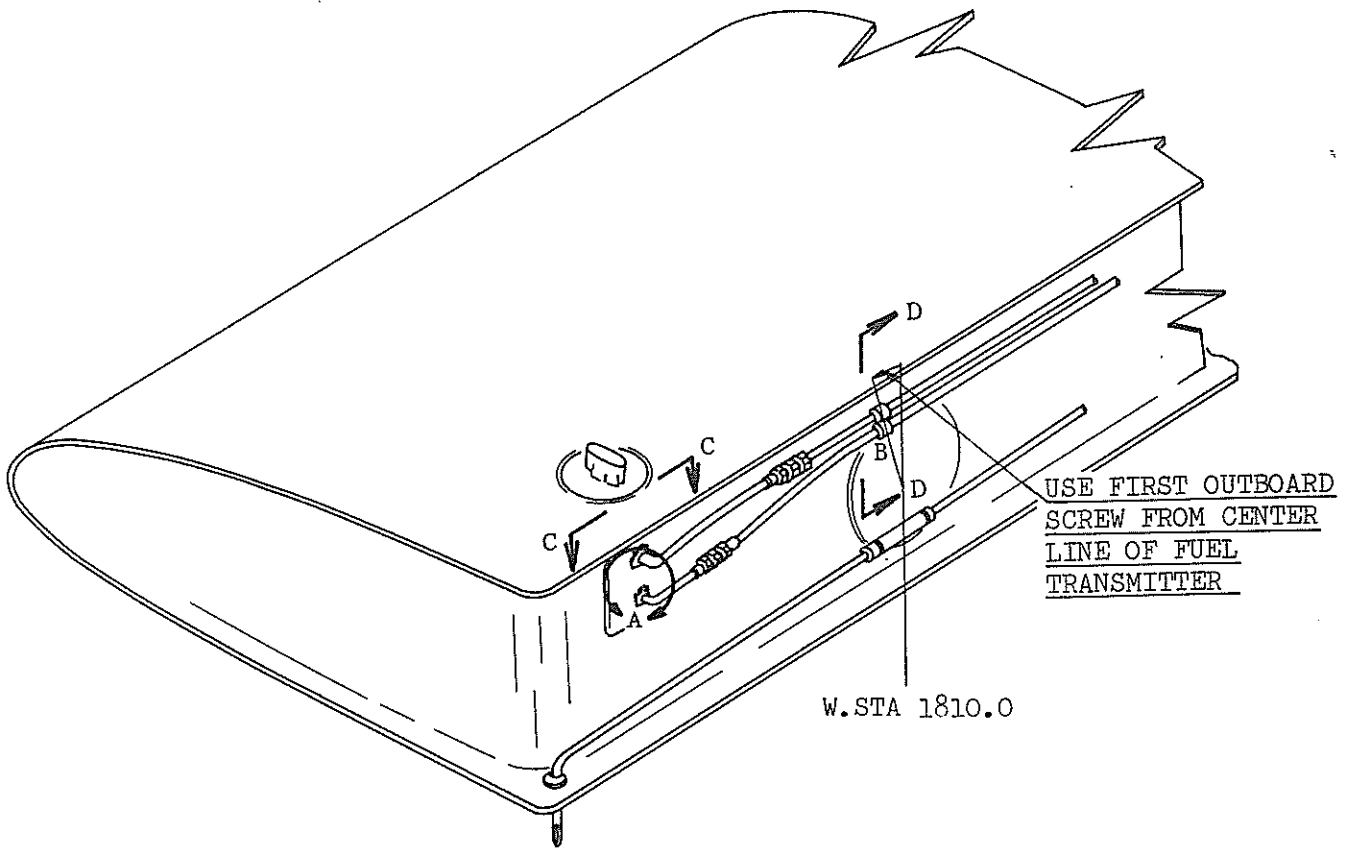
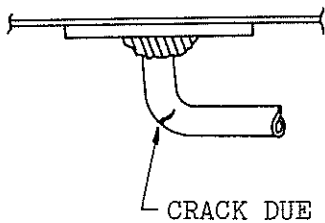


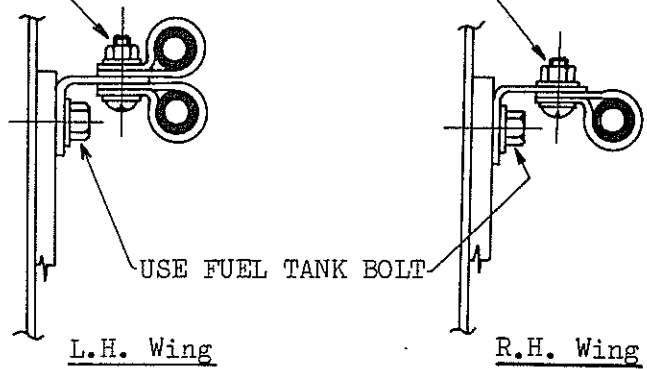
FIGURE 1

CLAMP	AN742D4	2 REQD
CLIP	AN743-13	1 REQD
SCREW	MS35206-245	1 REQD
NUT	NAS679A08W	1 REQD

CLAMP	AN742D4	1 REQD
CLIP	AN743-13	1 REQD
SCREW	MS35206-245	1 REQD
NUT	NAS679A08W	1 REQD



View C-C



View D-D, Detail B

FIGURE 2