

S E R V I C E B U L L E T I N

Fuji Heavy Industries Ltd.

NO. FAS-035

DATE July 6, 1970

1. SUBJECT : ONE TIME INSPECTION FOR FRONT LANDING GEAR.

2. AIRCRAFT AFFECTED : FA-200 Serial Nos 1 thru 101.

3. PRIORITY : Essential.

4. REASON : In order to inspect front landing gear, since an instance was reported where the piston of the subject landing gear slipped from the fork during ground handling of an FA-200 aircraft.

5. DESCRIPTION : The piston and fork joint to be inspected in accordance with item 13, Detailed Instruction. Discrepancy, if found, shall be called to the attention of Fuji Heavy Industries Ltd.

6. ACCOMPLISHMENT : Upon receipt of this service bulletin.

7. APPROVAL : JCAB Approval NO-TOKYO-1, June 27, 1970.

8. PARTS REQUIRED : None required.

9. SPECIAL TOOL : None required.

10. WEIGHT AND BALANCE : No effect on weight and balance.

11. REFERENCE : None



12. MAN-HOURS : 0.5 Man-Hour.

13. DETAILED INSTRUCTIONS: (Figure 1.)

a. Inspection.

- 1) By driving AN3 bolt, inspect to see that the fairing fitting thread hole (#10-32) through piston and fork is in line.

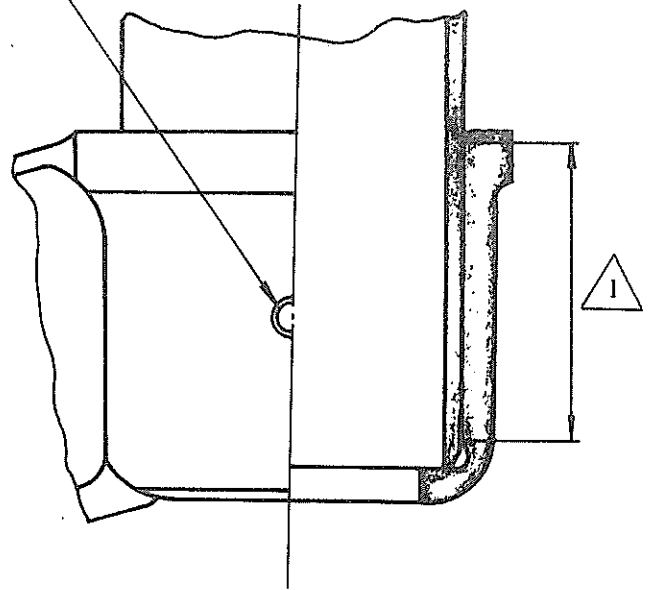
Note: If the above bolt is not driven smoothly, visually inspect to determine the causes of binding such as mismatched holes, burrs due to damaged threads, clogged dirt, etc.

In the case of binding caused by burrs or dirt, remove and clean burrs on dirt, and recheck hole alignment.

- 2) Check to be sure that piston is completely positioned at the bottom of fork, with no clearance between piston end and fork flange, as shown in Figure 1, Detail A. This can be checked with the aid of a mirror inserted between fork and tire.
- 3) Any piston slippage, if revealed by the above inspection item 1), or 2), shall be immediately reported to Fuji Heavy Industries Ltd.

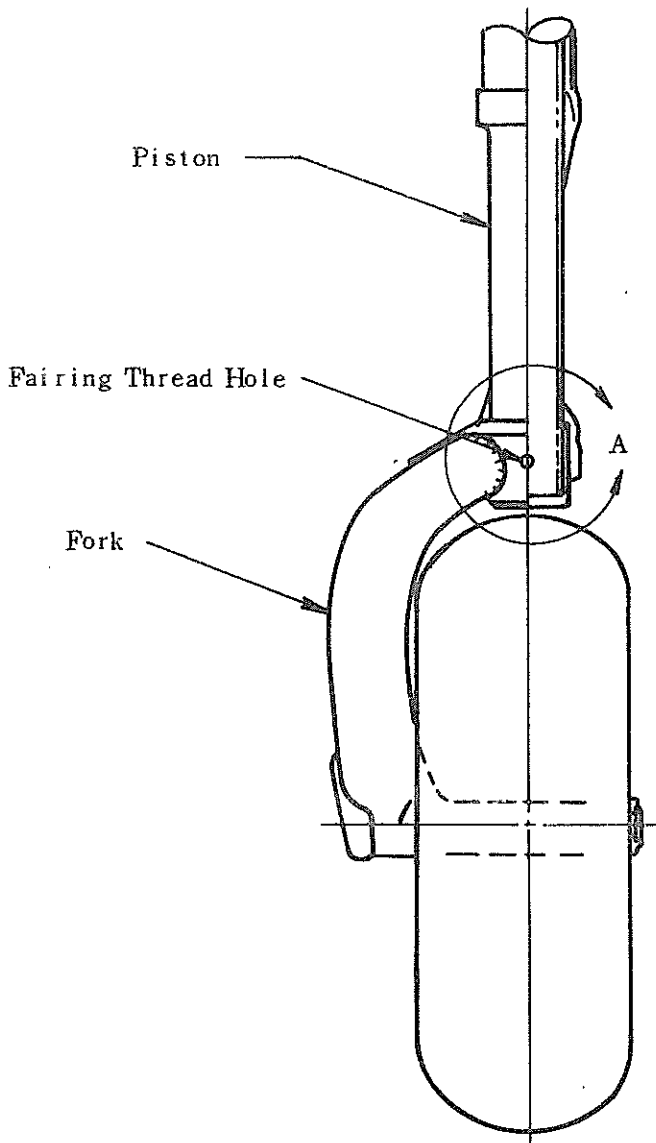


Fairing Thread Hole
(To inspect by driving AN3 bolt)



Detail A

(Showing Piston and Fork Joint)




Note:  Indicates thermal fitting Portion

Figure 1. Front Landing Gear Assy
(View Looking Aft)