Service Bulletin

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Model : Finisher D1

No.: Acc-155
(FF-T01-W-000053-01)

DATE: 07.05.99

Location : UPPER FEEDER ASSEMBLY

Subject : Countermeasures to prevent the upper feeder assembly of the Finisher D1 from opening on impact

Reason : To communicate countermeasures (in connection with servicing the machine) to be taken for the possibility of the upper feeder assembly opening when the upper part of the Finisher receives an impact (for example, when arranging sheets of copy papers)

Details : <Symptom>
The upper feeder assembly sometimes opens when the user arranges ejected sheets of papers on the feeder assembly on top of the Finisher.

<Cause>
The upper feeder assembly is held to the plate at the front of the feeder assembly by 4 magnets, but the 2 magnets on the inner side float up due to poor molding procedure of the part into shape, and the cover opens due to insufficient magnet strength.

<Factory measure>
A checklist at the source manufacturer for the upper cover has been expanded for rechecking of the mold finish and whether the shape is free from faults.

Servicing : <Affected machines>
From NLF00198 to NLF00229 From ULF00048 to ULF00540

<Locating precisely where the problem occurs>
(Fig. 1)
Because of some faults with the shape of the upper feeder assembly, two of the shaded areas (out of the four locations for the magnet catches) make contact first, causing a difference of approx. 0.25 to 0.5mm. This results in weaker contact for the other two areas, and the problem of upper feeder assembly to open from receiving an impact.

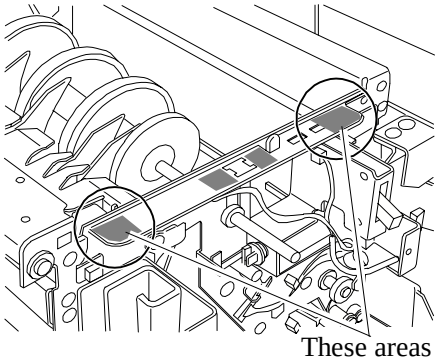


Fig. 1

< Procedure for rechecking and implementing countermeasures >

1) Remove the upper rear cover (2 screws). (Fig. 2)

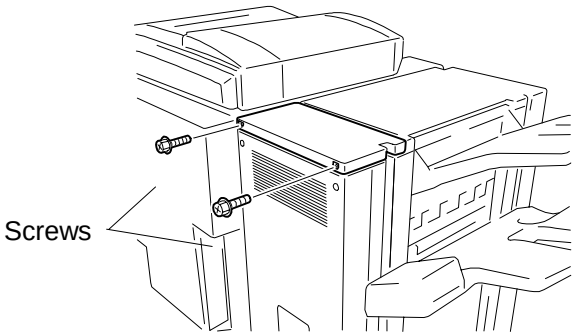


Fig. 2

2) Open the front door.
3) Remove the upper feeder assembly.
   a) Open the upper feeder assembly, and remove 1 screw from the inner side. (Fig. 3)

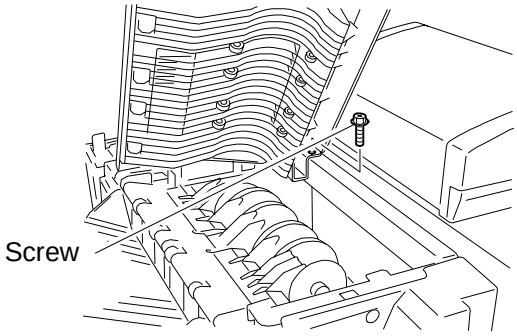


Fig. 3

   b) Close the upper feeder assembly, and remove 2 screws from the rear side. (Fig. 4)

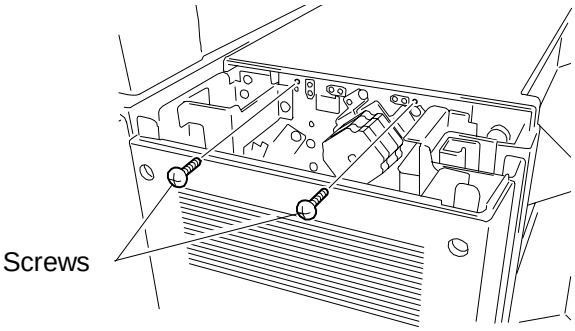


Fig. 4

4) Replace the upper cover of the upper feeder assembly. (See Parts Catalog FY8-31E2-000 P.T35-1.)
5) Set the upper feeder assembly in place and secure it by tightening 2 screws at the rear.
6) Tighten 1 screw in the inner side of the upper feeder assembly.
7) Tighten the 2 upper rear cover screws.
8) Close the front door.

Affected machines:

NLF00230 and later ULF00541 and later