Canon

Service Information

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☒**HARDWARE**
☐**SOFTWARE**

Model : Saddle Finisher-D2

Ref. No. : FF-T01-W-000108-01
Date : April 21, 2000

Location : SERVICE MANUAL (FY8-13ED-000)

Subject : HOW TO ADJUST THE ROTATION SPEED OF THE PUNCH ROTATION MOTOR (M18)

Reason : Depending on paper quality, the paper delivery speed may not match the speed of the punch rotation motor (M18). In such cases, burring may occur on the edge of the punch hole. This communication is to explain methods for adjusting the speed of the punch rotation motor to cope with this. The location in which this will be added to the Service Manual is Chapter 5. I. ADJUSTMENT A. Electrical System.

Details : 1.Adjusting the Rotation Speed of the Punch Rotation Motor (M18)

1) Make a copy in punch mode and check for burring around the punch hole.

Front burring is where there is burring at the front of the punch hole in relation to the direction in which the hole is made.

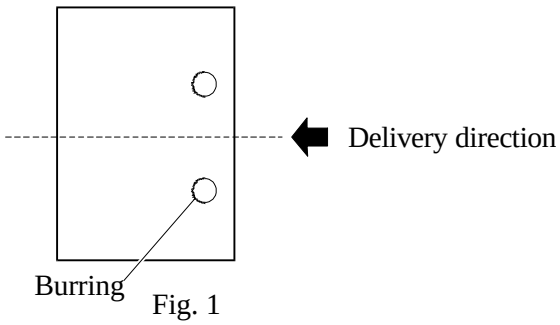


Fig. 1

Rear burring is where there is burring at the rear of the punch hole in relation to the direction in which the hole is made.

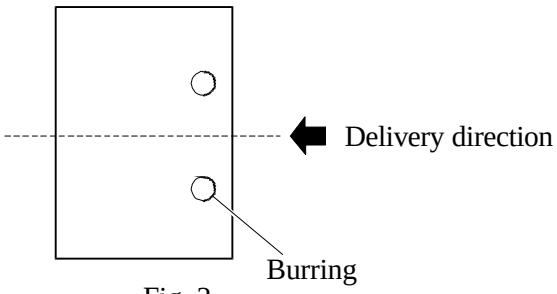
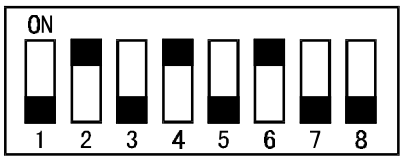


Fig. 2

2) Remove the cover at the rear side of the finisher.
3) Set the finisher controller PCB SW103 settings as shown below.



4) Press finisher controller PCB SW104. This makes entry of the new adjustment value possible.
5) Press SW105 or SW106 the necessary number of times, according to the condition of burring that was checked in Step 1.

   In the case of front burring, press SW106 to decrease the punch rotation speed. A reduction in rotation speed of approximately 1% will result from 1 press. The range of adjustment is "-5."
   The newly entered value will appear in LED101 of the finisher controller PCB.

   In the case of rear burring, press SW105 to increase the punch rotation speed. An increase in rotation speed of approximately 1% will result from 1 press. The range of adjustment is "+5."
   The newly entered value will appear in LED101 of the finisher controller PCB.
6) Press finisher controller PCB SW104. This will confirm the newly adjusted value.
7) Set all finisher controller PCB SW103 bits to OFF.
8) Make a copy in punch mode, and check for burring again. Perform re-adjustment as necessary.

Note: *Paper delivery conditions vary with paper thickness, surface condition, and presence/absence of folds. The conditions of punch hole burring will likewise vary with these factors.*