

Please Note: Revised Information 6-3-13 (Page 4 Fig. 5)

These tips will improve performance and extend the life of the film unit and fixing assembly.

Common failures addressed in this memo are:

(Film walking, smeared or blurred prints, inconsistent fusing, jamming, noisy operation, and cracked heating elements)

Improperly adjusted or bent fixing alignment plates can cause the film to walk and eventually tear. It is important that the fixing assembly is placed flush on to the alignment plates or frame during install (Fig. 5). *(Adjustment of alignment plates should only be performed as a countermeasure to prevent film walking.)*

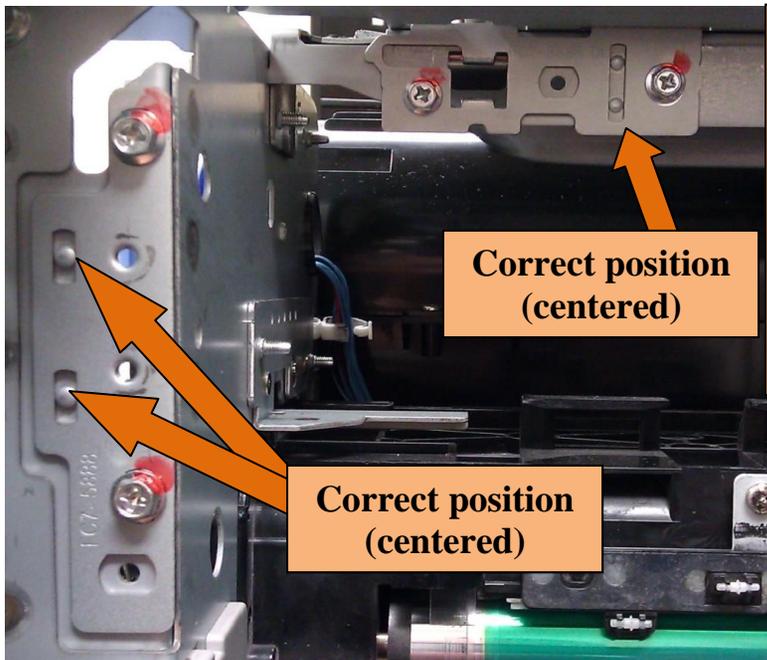


Fig. 1

Fig. 1 - Displays the adjustable front alignment plates that newer series machines are equipped with. (Older series machines not equipped with these plates are not adjustable in the front.)
Fig. 2 - Displays the rear alignment plate (Adjustable and is equipped in all series machines.)
(On machines experiencing torn films due to film walk, make sure that the plates are aligned in the center.)



Fig. 2

Preventative maintenance tips to follow when installing a fixing film unit.

1) In order to maintain the OEM specifications please follow the disassembly and assembly procedures per the manual. Please keep the surface of the film, pressure roller, and clean roller free of grease. Also try to avoid touching the film.

2) Inspect the frame of the fixing assembly for any damage and ensure that it is square.

Please refer to page 3 for a picture that will help identify the most important areas to inspect on the assembly frame.

- If the frame is damaged or bent the entire assembly should be replaced.
- Please return the defective core using the return shipping label provided.

3) Inspect the following parts for damage, excessive wear, end of life expectancy, and proper alignment:

- In the fixing assembly: pressure roller, bushings & bearings, clean roller & mounts.
- In the machine: hook holder unit, right door, fixing alignment plates.

(Adjustment of alignment plates should only be performed as a countermeasure to prevent film walking.)

Hook holder pictures on page 4 & Alignment plate pictures on page 1

4) The proper alignment of the hook holder, right door, and fixing assembly alignment plates provide the correct amount of “nip” pressure across the entire fixing assembly when the right door is closed.

Verify that the hook holder is not loose or broken and visually inspect its bushings to ensure proper seating.

FM2-0355-010 is the current and improved version of the hook holder unit. (An angle has been added to the hook.)

Please refer to page 4 for a picture of the “old” & “new” style hook holder units.

5) To ensure proper alignment of the hook holder and the right door, perform a “nip” width check after installation.

Refer to the service mode section of the OEM service manual for the nip check test.

The measurement should be taken at each end of the nip check page to confirm even pressure.

Both ends should be within .5mm or less of each other.

Preventative maintenance tips to follow when installing a refurbished fixing assembly.



Fig. 3

(Please look carefully at both ends of this frame to ensure that it has not become bent. If it is bent it will cause uneven pressure and cause the film to walk and eventually tear.)

- 1) Inspect the hook holder unit located on the inside of the right door of the machine.
Please refer to step 4) on page 2 for more info on the hook holder unit.
- 2) Inspect the right door, and fixing assembly alignment plates.
Please refer to page 1 for more info on the fixing assembly alignment plates.
- 3) After inspecting the following: hook holder unit, right door, fixing assembly alignment plates, and fixing assembly frame tabs (Fig. 5 - machine front side) and upon completing the installation. Perform a “nip” width check.
Please refer to step 5) on page 2 for more info on "nip" width check.

Please do not adjust the "nip" screws on the fixing assembly as they have been adjusted during our repair process.

Revision 6-3-13

**OLD STYLE HOOK HOLDER
WITH STRAIGHT HOOK**

**NEW STYLE HOOK HOLDER
WITH ANGLED HOOK**

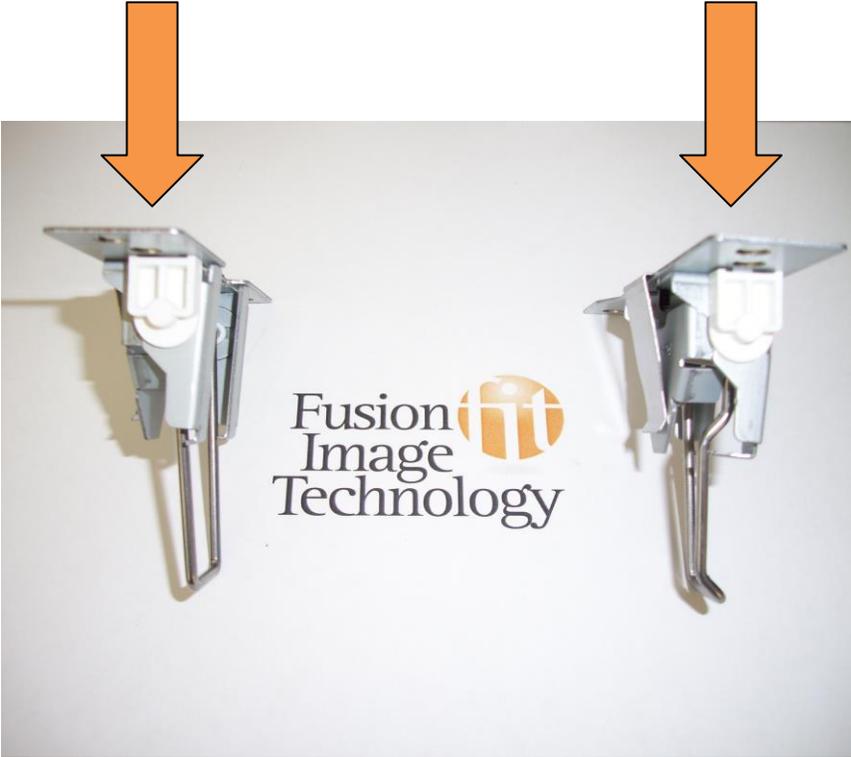


Fig. 4

FIXING ASSEMBLY FRAME TABS

Correct position (centered)

If this boss is not centered between the fixing assembly frame tabs, it will not set flush, which will cause the film to walk and prematurely fail.

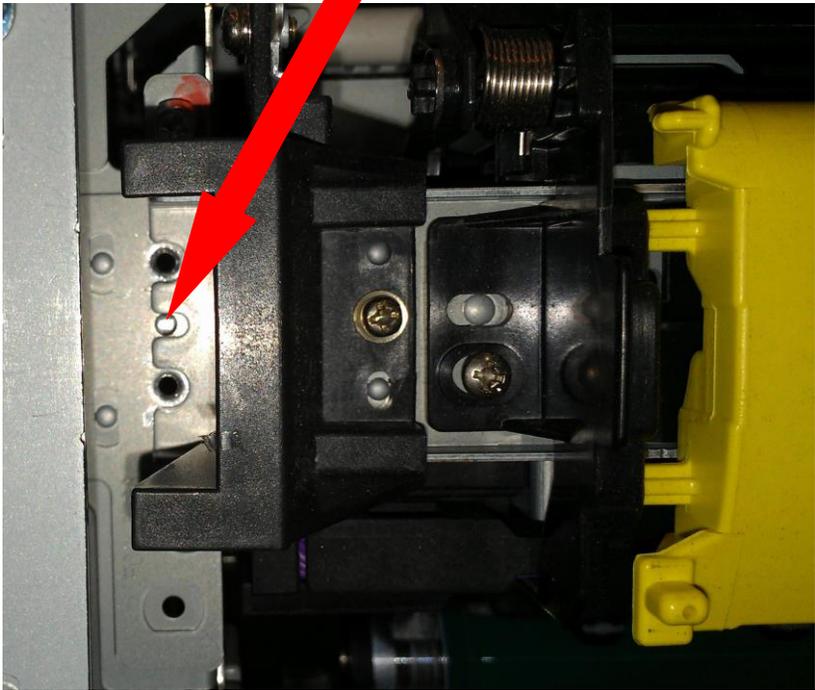


Fig. 5