Kodak

FCO 512-00455A

Auto Opening Top Door for ThermoFlex Narrow

Document number: 719-00881A Rev A
Release date: 25 Sep 2007

Applies to

Kodak® ThermoFlex® Narrow platesetter

Priority: Next failure

Component: solenoid locker and tongue assemblies

Problems fixed

The top door doesn't open on the first attempt during loading and unloading.

Overview

The top door of the platesetter does not open automatically. The operator must open the top door in ThermoFlex Controller, then go to the platesetter, listen to hear the sound of the solenoid opening, and then press down on the top door to open it immediately after the solenoid opens. Operators often don't hear the sound of the solenoid opening, and the action times out, forcing the operator to repeat the action.

Replace the top door solenoid locking assemblies to enable the top door to open automatically from ThermoFlex Controller.

Time required 3 hours

Prerequisite FCOs None

Parts included in FCO

Part Number	Part Name	Quantity
500-04398A	Right solenoid locker assy	1
500-04399A	Left solenoid locker assy	1
500-04400A	Right lock tongue assy	1
500-04401A	Left lock tongue assy	1
651-00810A	FCO updater utility	1
719-00881A	FCO document	1

FRU after FCO implementation

- See the Parts list above.

Tools required

- Hex key
- Needle-nose pliers

Procedure

Replace the solenoid locker and lock tongue assemblies on the top door and mainframe as follows:

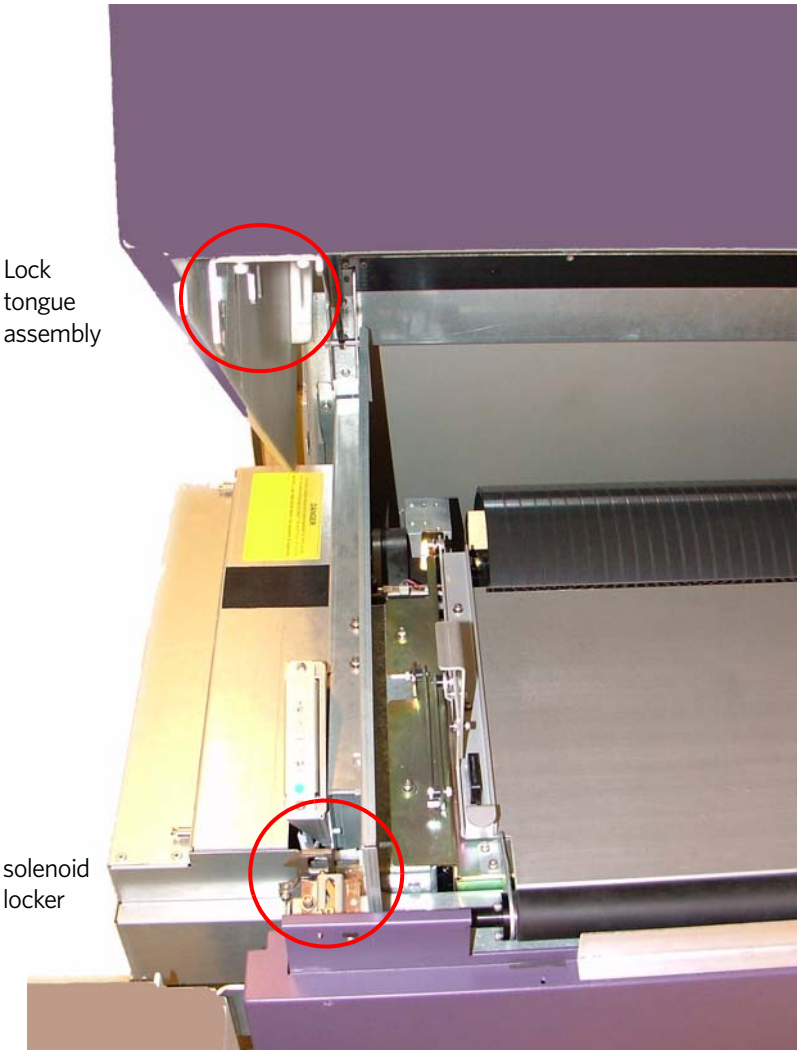


Figure 1: Left solenoid locker and tongue assembly.

Note: Perform the procedure on the assemblies on both sides of the platesetter.

To uninstall the existing assemblies:

1. In ThermoFlex Controller, send the carriage to middle position, and then open the top door.
2. Quit ThermoFlex Controller and shut down the platesetter.
3. Open the side doors and the panels on each side.
4. Uninstall the lock tongue assembly:

   On each side of the top door, remove the four hex screws and remove the lock tongue assembly.

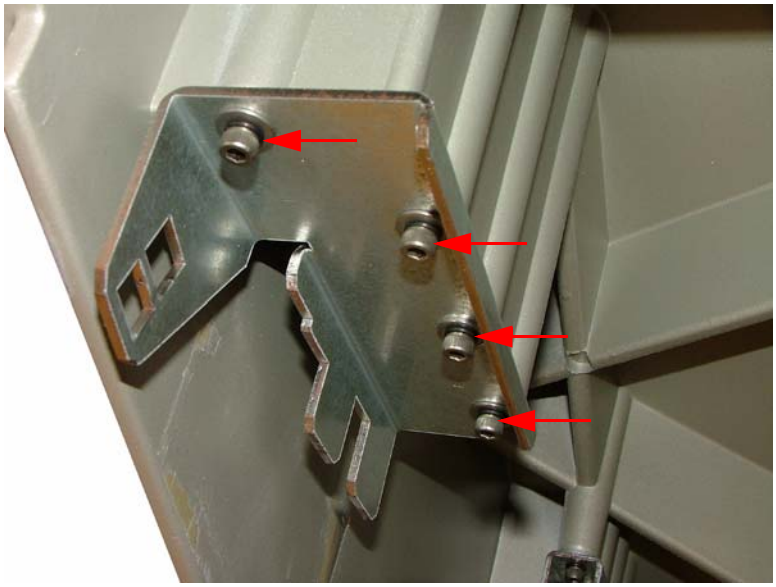


Figure 2: Locker tongue assembly (left side)

5. Remove the solenoid locker assembly as follows:

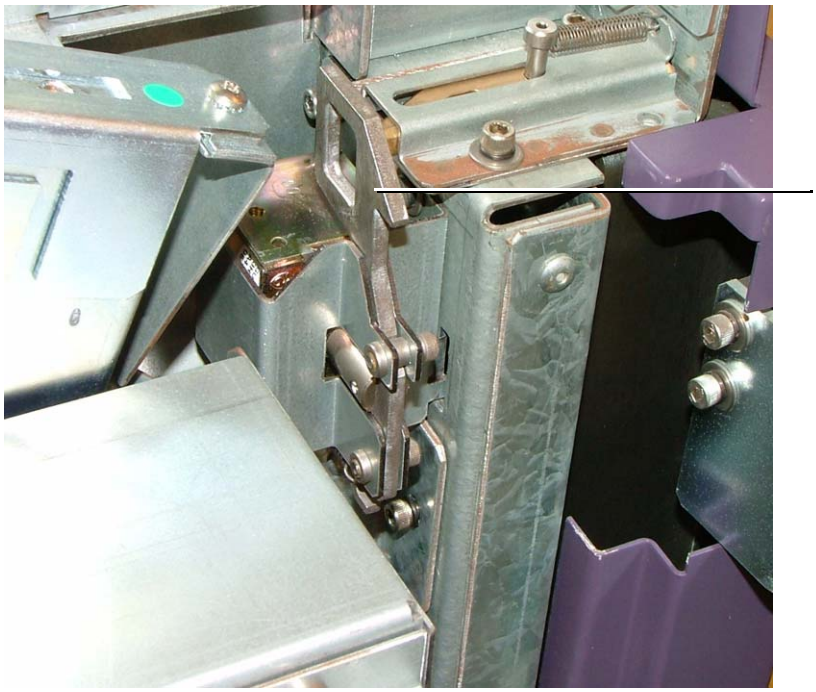


Figure 3: solenoid locker assembly

To access one of the hex screws on the solenoid locker assembly, you must uninstall the loading tray and light cover brackets.



Figure 4: Loading tray assembly, and light cover brackets

a. Remove the two hex screws on the solenoid spring locker and remove the spring locker.

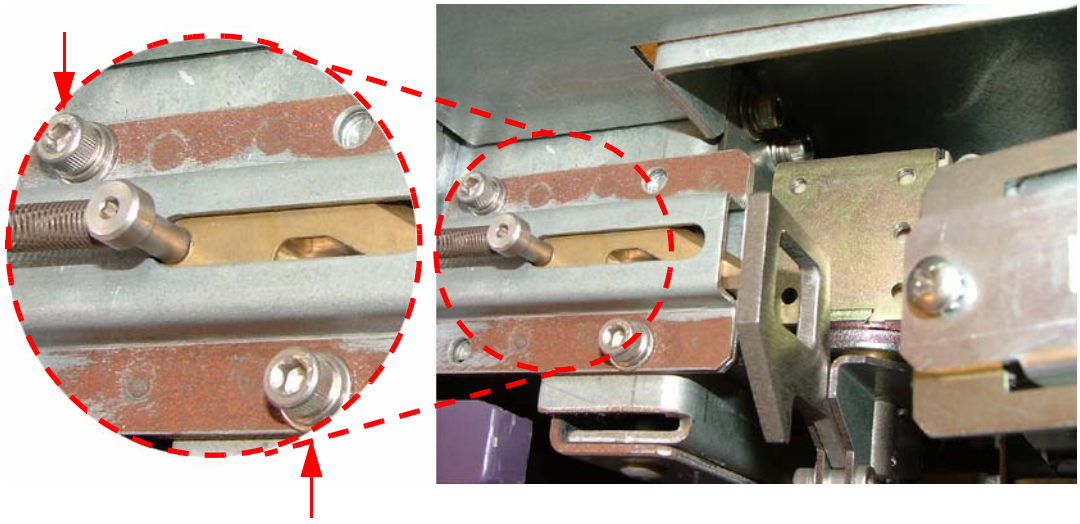


Figure 5: Spring locker screws

b. Remove the four hex screws on the loading tray and lift out the tray.

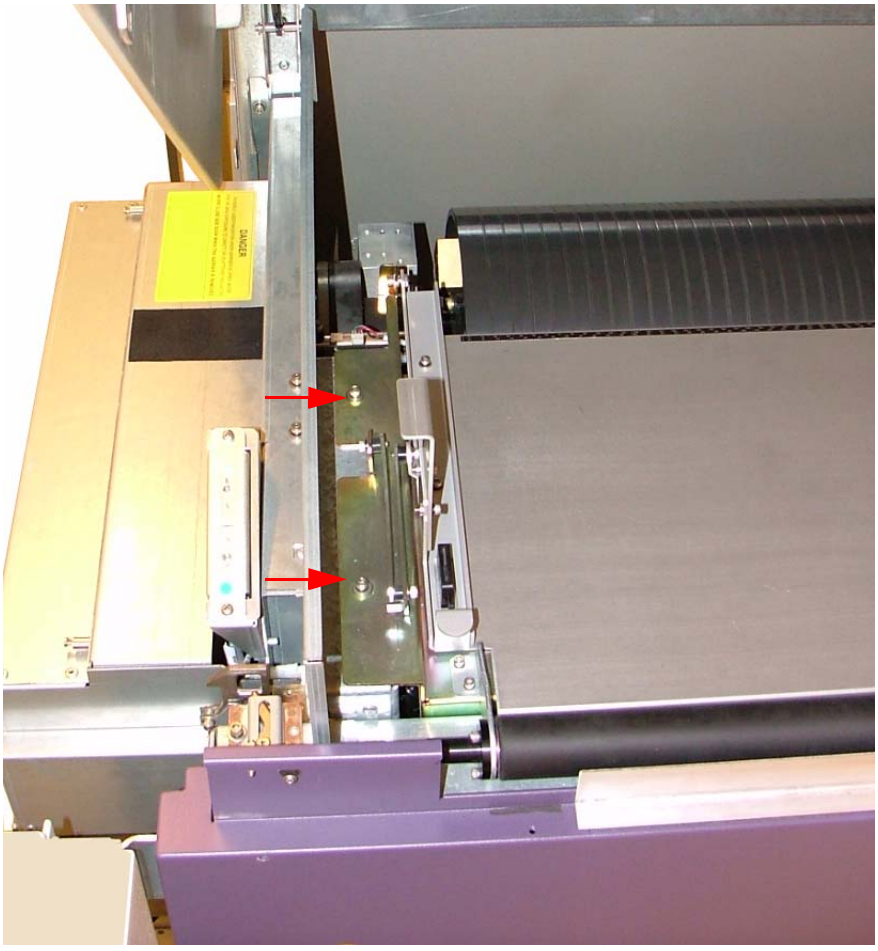


Figure 6: Two screws on left side of loading tray bracket

c. Remove the six hex screws on each light cover bracket and remove the light cover bracket.

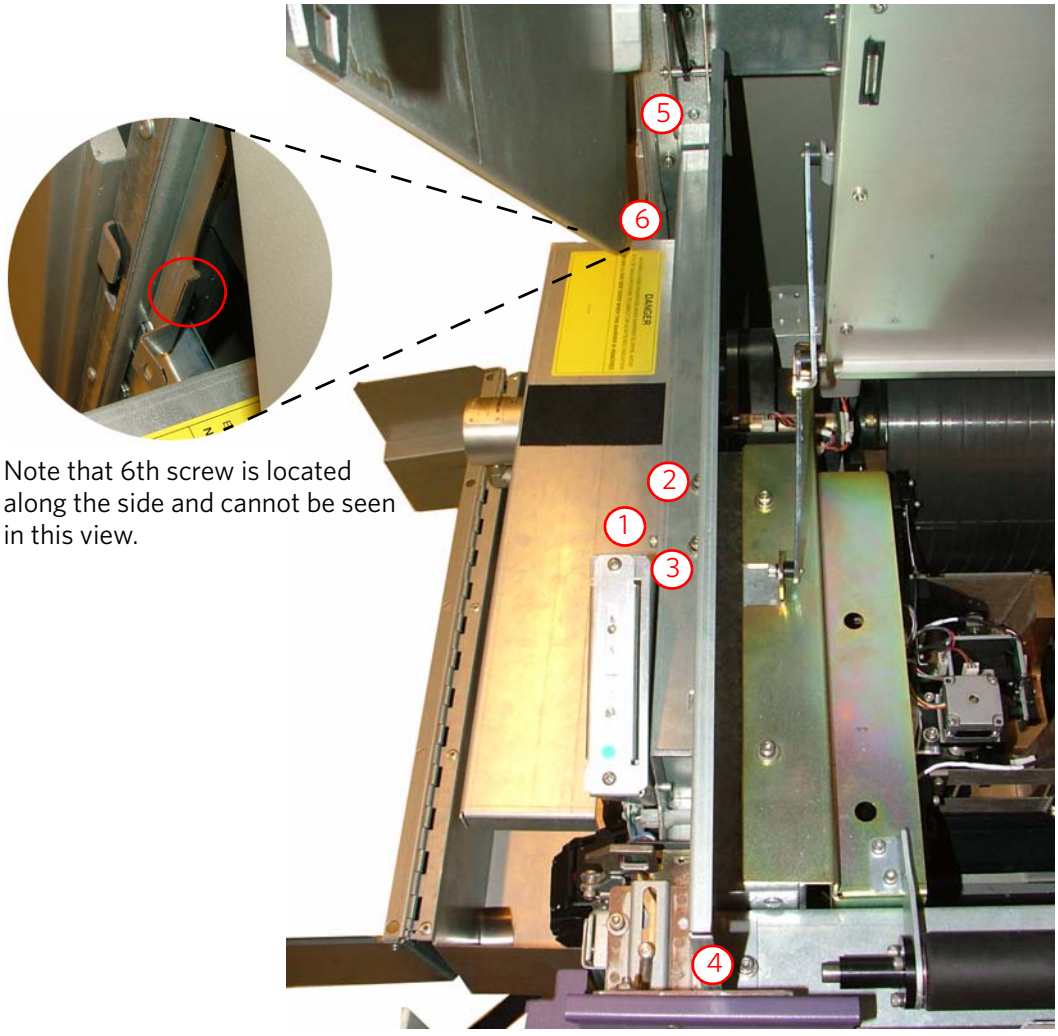


Figure 7: Six hex screws on the left light cover bracket

6. Remove the hex screws on the solenoid locker assembly and remove the assembly.
   Note that there may be two or three hex screws on the solenoid locker assembly.

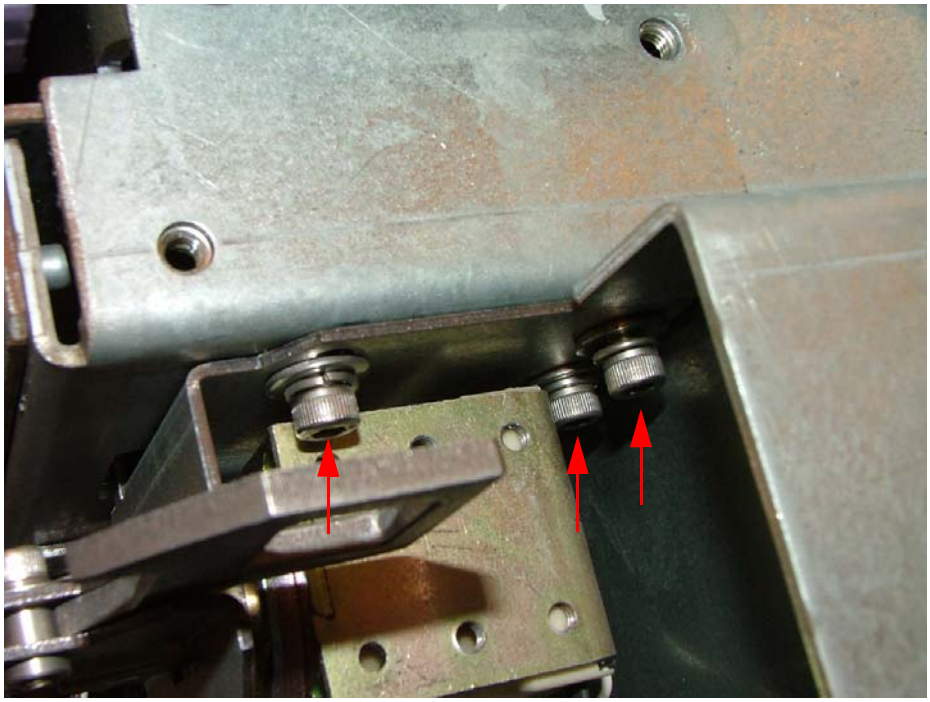


Figure 8: solenoid locker assembly hex screws

To install the automatic assemblies:

1. Install the automatic solenoid locker assembly:
   a. Reinstall the automatic solenoid locker assembly with the two hex screws that you removed in step 6.
   b. Reinstall the light cover bracket with the six hex screws that you removed in step 5c.
   c. Reinstall the tray holder that you removed in step 5b.
   d. Reinstall the solenoid spring locker with the two hex screws that you removed in step 5a.
2. Install the automatic lock tongue assembly with the four hex screws that you removed in step 4.
3. Close all panels and doors.

To test the procedure:

1. Close the top door, and then, in TermoFlex Controller, open it. The top door should open automatically.
2. If the top door does not open, loosen the solenoids locker screws and adjust the height of the solenoids.

Install FCO Tracker	Insert the diskette and double-click the reg file, or download the file from TechPlanet's FCO Updater / FCO Tracker page.
Material disposition	Dispose, do not save or send back.
Technical contact	Viki Arviv
Date submitted	25 Sep 2007
Last updated	25 Sep 2007