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S&SE Flash: CLW 12/600 PS Leveling Instructions (3/96)

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TOPIC -----

This article contains the contents of the Adobe Acrobat S&SE Flash. No graphics are available in this version of the flash.

DISCUSSION -----

This document provides additional instructions for leveling the Color LaserWriter 12/600 PS.

Color LaserWriter 12/600 PS customers who repeatedly experience a fuser oil overflow error condition, despite cleaning the PS10 photosensor, should check the printer to make sure it is level. If the Color LaserWriter is not placed on a level surface then fuser oil may accumulate in the fuser assembly oil catch tray causing an error condition. A fuser oil pump overflow error is indicated on the status panel by alternately flashing the paper out and paper jam LED's while the yellow toner cartridge LED and the photoconductor maintenance LED's remain on.

Follow these steps to eliminate the oil overflow condition:

Step 1: Level The Printer And Its Supporting Surface

Use a small line level to verify that the surface the printer will be placed on is flat and level. If the surface that the printer is placed on is level and stable then it is unlikely that any additional leveling of the printer will be necessary once it is put into place. Many tables contain leveling feet which make leveling easier.

Check the printer to see if it is level by opening the top cover and placing a line level on the yellow felt covered surface of the fuser assembly as shown in figure 3. The front of the printer must be no higher than the rear to aid the flow of fuser oil back to the oil reservoir. The Color LaserWriter 12/600 PS specifications state that the rear of the printer can be from 0 to 15mm (0 to +2 degrees) higher than the front of the printer.

CAUTION:

Under NO circumstances allow the FRONT of the printer to be higher than the REAR of the printer.

Leveling the Color LaserWriter 12/600 PS from left to right is not as critical. The specifications state that the left and right sides of the printer should be within 0 to 21mm (+/- 0 to 2 degrees) of level.

Almost any non-compressible flat object can be used as a shim when leveling the Color LaserWriter. Items commonly found at customer locations which can be used include Post-It Notes, note cards, paper, magazines, etc. Other materials that can be cut to size include wood, plastic, and metal. Post-It Notes work well because the shim height can be easily adjusted by tearing off or adding pieces of paper. Install the shims under one or more of the small plastic feet found on the bottom of the printer.

Engineering is working to identify and make available shims specially designed for leveling the Color LaserWriter. Continue to use one or more of the readily available items listed above until the new shims are available.

Step 2: Pump The Fuser Jam Release Lever To Remove Excess Oil

Open the fuser access door to locate the teal green fuser paper jam release lever. Pump the lever at least 50 times to manually remove excess oil from the fuser assembly oil catch tray and move it back to the oil reservoir. Under most circumstances this action will allow the oil overflow sensor flag to drop back to its normal operating position.

Step 3: Push Down The Floating Oil Overflow Sensor Flag To Reset The Error

To ensure that the previous error condition is cleared, use a finger or other blunt object to gently push the oil overflow sensor flag down to its normal position. The sensor flag floats on top of the oil in the fuser oil catch tray beneath the PS10 photosensor. To access it, open the fuser delivery door so that the PS10 photosensor mounting bracket is exposed. The sensor flag is located behind the mounting bracket. This step may not be necessary in all cases.

CAUTION:

Allow adequate time for the fuser assembly to cool before performing this procedure.

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