



SERVICE BULLETIN

KODAK X-OMAT Processor

Eastman Kodak Company/Customer & Technical Services/Health Sciences Markets Division/Rochester, New York 14650

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Kodak X-Omat 480 RA Processor

Correcting Film Jams in the Dryer Transport

Several customers have reported film jams in the DRYER TRANSPORT of 480 RA Processors, particularly when processing roll film. The three main causes for this include using an incorrect door configuration for roll film, having incorrect tension on longer roll films, and film hesitation in the DRYER TURNAROUND. The following items explain how to solve these problems.

- **Using a Roll Film Kit**

When processing roll film through the 480 RA Processor, the *Kodak X-Omat 480 RA Processor Roll Film Kit*, CAT No. 160 6318 should be installed for correct operation of the processor. This Kit includes a modified dryer door with a slot that allows roll film to exit the dryer at the bottom of the door instead of at the top.

- **Using a Roll Film Take-Up**

When processing lengths of film from 4.55 to 152 m (15 to 500 ft), install the *Kodak Roll Film Take-Up*, Model 11, CAT No. 118 6899. When processing film that is shorter than 4.55 m (15 ft), manual tension is required as the film is feeding into or exiting from the processor to eliminate wandering and looping of the film through the film transport.

- **Installing a New Dryer Turnaround Drive Pulley**

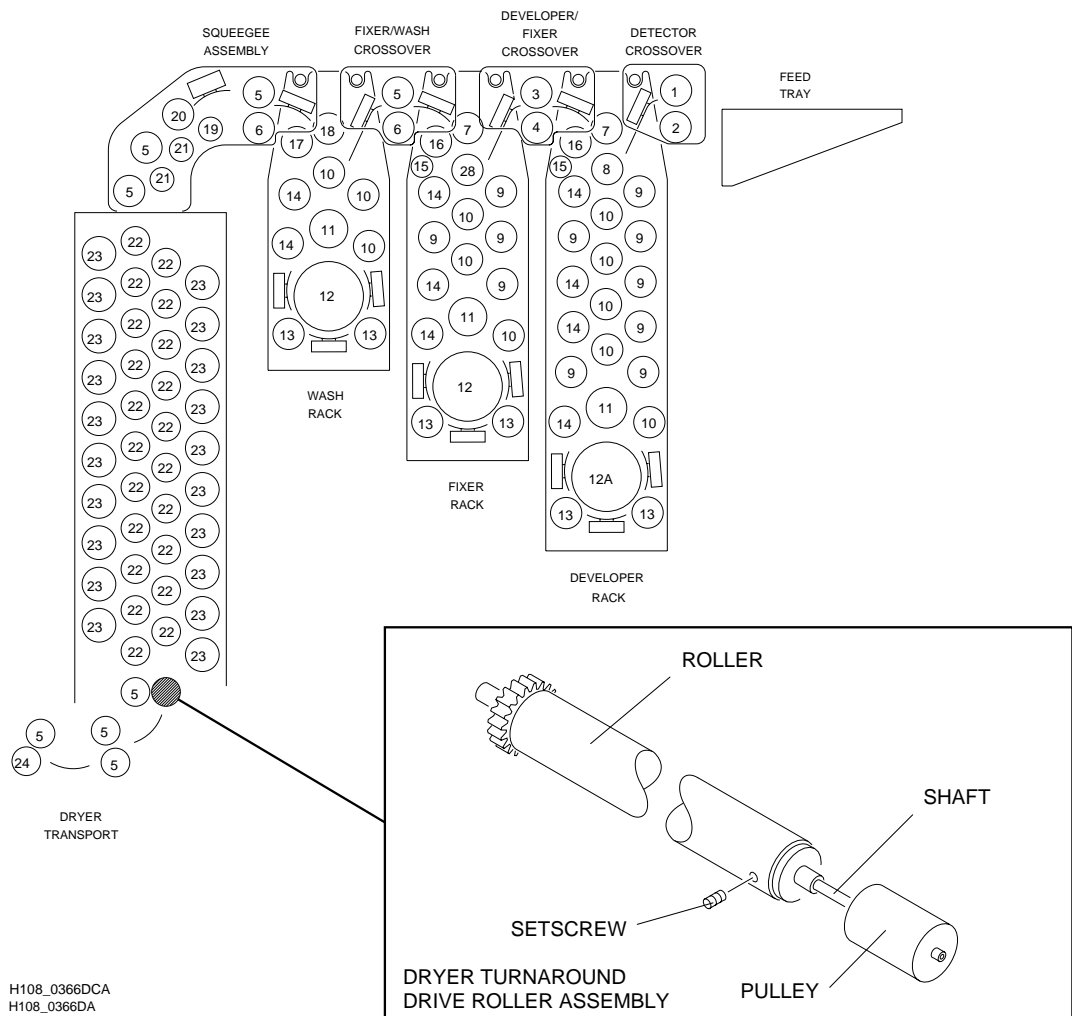
If the DRYER TURNAROUND hesitates with roll film in it, a loop can occur in the film, midway up the dryer, causing a film jam. Occasionally, this hesitation will also cause film jams when processing sheet film.

Operating the DRYER TURNAROUND slightly faster than the DRYER keeps tension on the film and helps to minimize film jams. To accomplish this, it is necessary to use a drive PULLEY with a smaller diameter. The new PULLEY 1C4723 is available for this purpose and replaces the old part number 458901 **in this location only**, see the illustration on the next page. The new PULLEY is brown instead of clear and has a matte finish from the grinding operation used to reduce the outside diameter.

The PULLEY used on the DRYER TRANSPORT ROLLER ASSEMBLY 286949, item No. 22 on the illustration, does **not** change to the smaller diameter. Future replacement PULLEYS, ordered for these locations, will be the new brown color but will have a shiny "as cast" finish.

In a continuing effort to improve the 480 RA Processor, the new PULLEY 1C4723 has been installed in production units beginning with serial number 2089.

If a site is experiencing film jams in the DRYER TRANSPORT, install the new PULLEY 1C4723 onto the DRYER TURNAROUND DRIVE ROLLER ASSEMBLY. Service Parts Management also stocks the complete DRYER TURNAROUND DRIVE ROLLER ASSEMBLY 1C4722. The complete assembly includes ROLLER 467017, SHAFT 963974, SETSCREW 458952, and PULLEY 1C4723.



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