FCO #512-00133A
Replacing the tail gripper's shoulder screws (IL04487)

Document number: 719-00286A Rev B

Release date: 11 Aug 2004

Applies to

- Lotem® 400
- Lotem 400 Quantum
- Lotem Xpose
- Lotem 800
- Lotem 800 II
- Lotem 800 Quantum
- Lotem Quantum Spectrum

Priority: Next visit

Component Tail grippers' shoulder screws (IL04487)

Problem

Over time, the shoulder screws on the tail grippers may loosen and eventually break off. This can cause significant damage to both the drum and the optics.

Solution

Replace the existing shoulder screws with self-locking screws:


Self-locking screw


Shoulder screw

Parts required 10 x tail gripper screws (part number 252-05768A)

Parts included in FCO

Part Number	Part Name	Quantity
252-05768A	Screw, self locking, tail bar	10
391I60617	Envelope 16 x 21cm air bubbles	1
382-00622A	FCO 512-00133A label	1
719-00286A	Tail gripper shoulder screws (IL04487)	1

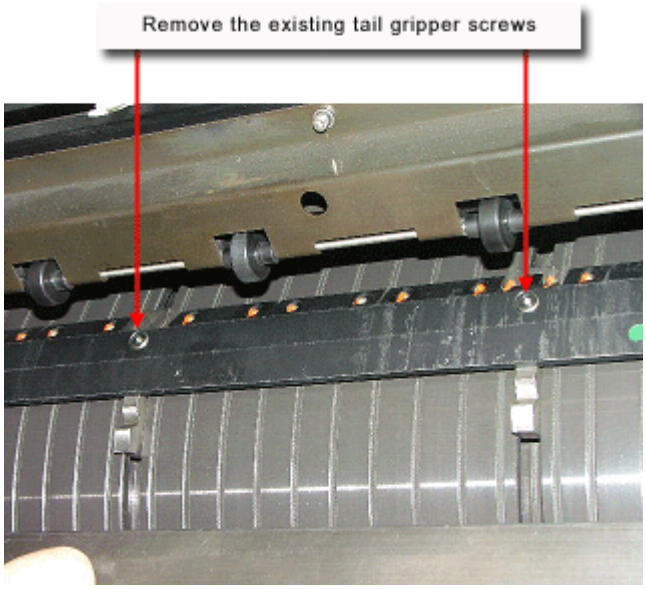
Tools required Adjustable torque meter 1-5 Nm + hex insert bit 3/32" (part number 690-00313A)

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Procedure

To replace the existing shoulder screws:

1. In Lotem Controller, open the platesetter's rear door.
2. Remove the upper rear cover and the unload tray.
3. One-by-one, remove each existing shoulder screw from the tail gripper and replace it with the self-locking screw (part number 252-05768A):



4. Secure the self-locking screws with a torque meter set to 20 lb.*in (2.26 Nm).
   Note: The self-locking screws can be used once only. If you remove a self-locking screw from the tail gripper bar, replace it with a new screw.
5. Place the adhesive label (part number 382-00622A) in the center of the middle tail gripper:



6. Reinstall the unload tray and the upper rear cover.

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Upon Completion

1. Drag the tail grippers to preload position.
2. Open the Loading System dialog box and click **Preload**.
3. Make sure the tail grippers reach their correct location.
4. Load and unload several plates of differing sizes and thickness. Make sure each sequence for each plate is completed successfully.
5. Expose and develop several plates and make sure that there are no attachment problems near to the tail gripper. If any attachment problems exist, check that the same amount of pressure is equally applied across the leading edge of the tail gripper bar.

Logistics

Approved quantities:

CSC	Quantity
CAM	100
CEM	590
CAP	100
CJP	100

Schedule supplies for first lots:

	CSC			
Schedule	**CAM**	**CAP**	**CJP**	**CEM**
June	40	40	40	200
July	30	30	30	190
August	30	30	30	200

Inventory:

Lead time:

Material disposition

Dispose of the shoulder screws.

See also

Adjusting the pressure across the leading edge of the tail gripper bar.

Technical contact

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Date submitted

02 Aug 2004

Last updated

11 Aug 2004