Replacing pivot blocks (FCO CA06616)

Document number: 719-00463A-EN Rev A

Product

- Trendsetter® 400/800 II Base / AL / Spectrum / CL
- Trendsetter Spectrum® (MPE)
- Trendsetter 400/800 Base / AL (MPE)

FCO priority

Next failure

Background

Old pivot blocks (part number 57-7668A and 57-6851A) were cracking on devices in the field. This caused plate loading issues, specifically rotation of images on the plate

Solution

Kit number 512-00260A contains new pivot blocks that have been designed to be more durable plus screws with pre-applied Loctite® on their threads.

Prerequisite FCOs FCO D587 Low Profile LEC (for old machines TE001-TE035 and all TS3)

Parts required

Part Number	Part Name	Quantity
512-00260A	KIT,CA06616,LE,CLAMP PIVOT SET,TS includes: 5 x 57-6851B – pivot clamp 2 x 57-7698A – short pivot clamp 7 x M5*20 screws with Loctite applied	1

Procedure

1. Rotate the drum by hand until the leading edge clamps (LECs) are towards you.
2. Use a piece of foam or cardboard to keep the drum in position.
3. Remove the old pivot blocks starting from one side.
4. Place a short pivot block (57-7698A) on the left side.
   Orientation doesn't matter as long as the pivot hole is facing toward the middle of the drum.
5. Connect the left side clamp to the short pivot block and place a screw in place without fully tightening it.
6. Connect a long pivot block (57-6851B) to the next clamp. Don't tighten the screw yet.
7. Work your way from left to right installing pivot blocks and LECs.
8. When all pivot blocks are in place, tighten each screw to 2.6 Nm (23.01 in. lb.).

   If a torque wrench is not available, tighten each screw until the screw touches the top of the pivot block and the block doesn't move. Then tighten the screw another 45 degrees.

   Do not over tighten the screws.

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Test

Check the gaps to make sure they are still in spec. See the following procedure:
http://techplanet.creo.com/docs/3244_lecgap_timing.PDF

Material disposition	Old pivot blocks can be discarded on site.
See also	http://techplanet.creo.com/docs/3244_lecgap_timing.PDF
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Date submitted	02 May 2005
Last updated	03 May 2005