FCO 512-00486A Replacing the Magnus 800 MSB Motherboards

Internal document number: 719-00956A Rev A

Product

- Kodak® Magnus™ 800 platesetter
- Kodak Magnus 800 single-cassette autoloader
- Kodak Magnus 800 multi-cassette autoloader

FCO priority

Next failure

Component Master system board (MSB) motherboard

Background

The Magnus 800 platesetter and the Magnus 800 autoloader each contain one MSB and one MSB motherboard.
During normal operation, the electrostatic buildup may cause damage to both the MSB and MSB motherboard.

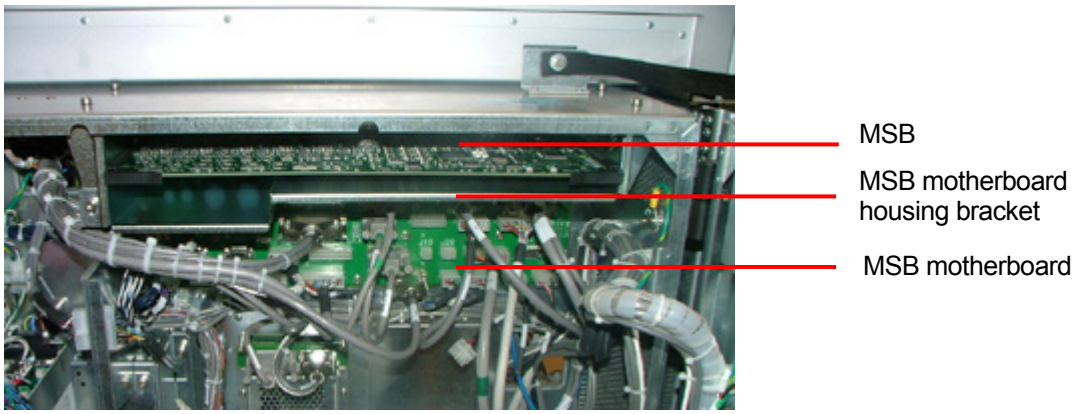
Solution

Replace the damaged MSB motherboard with the improved MSB motherboard (503-00514A).
The improved MSB motherboard has electrostatic discharge (ESD) protection.

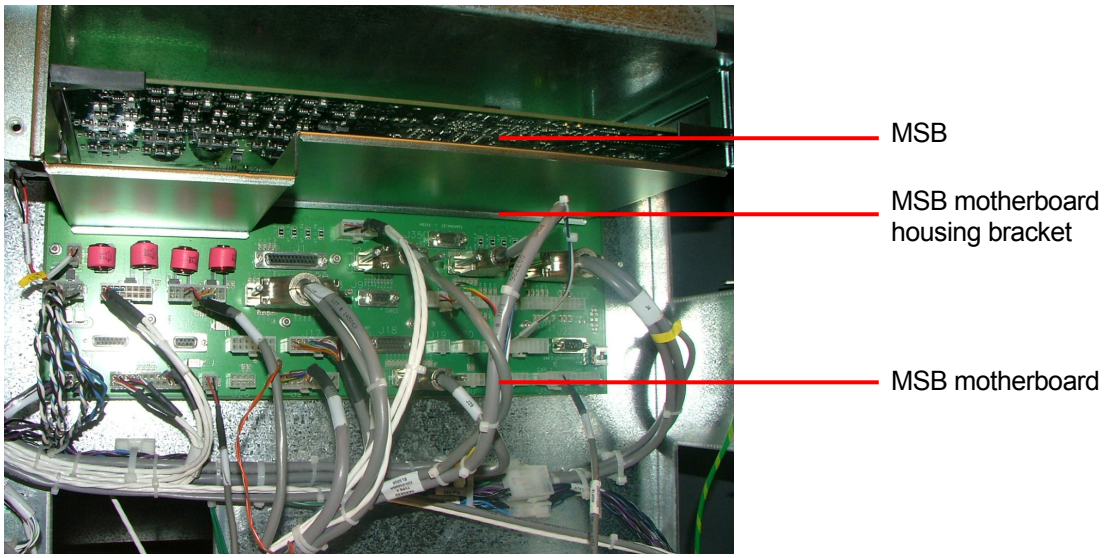
Time required 1 hour

Parts required

Part Number	Part Name	Quantity
503-00514A	MSB motherboard	1
719-00956A Rev A	FCO document	1
651-00913A	FCO Updater Utility	1



Platesetter MSB and MSB motherboard



Autoloader MSB and MSB motherboard

Procedure

1. Exit the Magnus 800 Controller software.
2. Shut down the electricity leading to the platesetter.
   Important: If you are replacing an MSB motherboard on an S100 autoloader, you must also lower the circuit breaker located on the autoloader.
3. Access the MSB motherboard:
   - Platesetter: Open the left side door.
   - Autoloader: Raise the loading conveyor and remove the autoloader's lower rear panel.
4. Disconnect all cables attached to the platesetter/autoloader MSB motherboard.
5. Remove the four screws securing the platesetter/autoloader MSB housing bracket to the chassis.
6. Remove the MSB housing bracket.
7. Remove the MSB motherboard.
8. Install the replacement MSB motherboard (503-00514A).
9. Reinstall the MSB housing bracket onto the platesetter/autoloader chassis.
10. Connect all the cables (removed in step 4) to the replacement MSB motherboard.
11. Reinstall the MSB back into its slot.
12. Close the platesetter left side door or reinstall the autoloader lower rear panel.
13. Turn on the electricity leading to the platesetter/autoloader.

Test

Perform several loading sequences.

FCO Updater Utility

After completing the FCO procedure, insert the FCO Updater Utility CD into the CD-ROM drive and run the utility.

Material disposition	Platesetter/autoloader MSB motherboard
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