



TECHNICAL

BULLETIN



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TECHNICAL BULLETIN: 14-14

DATE: August 18, 2014

SUBJECT: Updated Global Firmware for NMD 50 CMC050 and NMD 50 NFC200 boards.

AVAILABILITY: All Authorized Triton Distributors and Third Party Service Providers

This bulletin addresses:	
	Hardware Service Issues
X	New Kit/Parts Available
X	Firmware Announcements
	Technical Tips

Recommended Implementation is:	
	Now for all affected units
X	All affected units during next service visit
	Optional
	No implementation required

DESCRIPTION:

Triton announces the release of a new global firmware version 2019-41.02 for the NMD50 CMC050 and global firmware version 2006-08.DA for NFC200 boards.

This CMC050 firmware version includes:

- Canadian Polymer Notes Support;
- Main Motor Optimization;
- Improvements of smaller note size (less than 65mm) handling;
- Improvement in cassette closing for larger notes;
- Additional diagnostics for use with NMD Test;
- This release of firmware can be used on NMD050 Revisions 2 to 5. Previously there was one series (2019-02.xx) for machine revisions 2-4, and another one for revision 5 machines (2019-40.xx) series;
- To resolve backwards compatibility issues around the CMC PCB the software lock previously used in the 2019-40.xx series is removed this means the new firmware can be installed upon any CMC050 board using NMD Test; and
- Supports NF/NQ300, NF/NQ200, or any combination thereof.

Requirements:

- Use with NMD50 revisions 2-5 with CMC050 revision 3 modified (x31 marked) or revision 4
- Use with NFC200 boards Rev 2-4 (flash upgradeable)

Due to compatibility concerns, Triton highly recommends updating both the CMC050 and NFC200 boards.

If you have questions regarding this Technical Bulletin, please contact Technical Support at 1-228-575-3100 or toll free in the U.S. / Canada 1-800-259-6672.

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Important note about compatibility: In addition, the firmware of the NFC200 boards must be 2006-08.DA or higher. The combination of using CMC FW 2019-41.02 and NFC200 FW 2006-05.xx results in a machine unable to communicate.

Kits 08011-10183 (Core) and 06200-00183 are available to upgrade a 2-high NMD 50. The kit includes one (1) CMC050 and two (2) NFC200 boards with the updated firmware.

For NMD 50s configured 3- or 4-high, additional core NFC200 boards (08010-06058) are available with the latest firmware.



08010-06058—Core NFC200

08011-10183— Core CMC050 & NFC200 2-high Kit

06200-00183—CMC050 & NFC200 2-high Kit

CMC firmware is available on Triton partner site. NMD trained technicians may use NMD Test version 2055-01.10 to load the CMC firmware. Upgraded NFC200 firmware is only available by purchasing a NFC200 board.

The kit is available for Advance Replacement. A credit is given if functional, programmable boards are returned.

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