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Subject: Loading new MC202 system software on top of V1.45 Dev 7

The system software originally shipped with the MC202 has a problem with the serial system software loader that prevents it from working automatically. When loading a new version of system software on to any MC202 that has software version 1.4507 on it, the step-by-step instructions shown below must be followed to ensure that the new software is loaded and stored correctly.

As soon as the new system software has been loaded, the Motion Coordinator will operate normally and any subsequent system loads will be handled automatically by Motion Perfect in the usual way.

Procedure for Loading System Software:

1) Make sure that there is a back-up copy of the Trio Basic programs then clear both the RAM and EPROM memory of the MC202. In the Terminal, type NEW ALL then EPROM.

2) In Motion Perfect, start a system software download. Click Controller, Load System Software. Next select the required .out file, click the LOAD button and respond to any dialogue boxes that appear.

3) The system software load should complete normally EXCEPT that the checksum will fail.

4) Click CANCEL to come out of the loader.

5) Open the terminal window and type STORE<CR> at the ">>" prompt.

6) When the system SW is stored in EPROM, cycle the power and start the system SW download a second time.

7) This time when the load completes, the checksum should be OK.

8) Cycle the power on the MC202 and check the system software VERSION number. It should be the number of the newly loaded version.