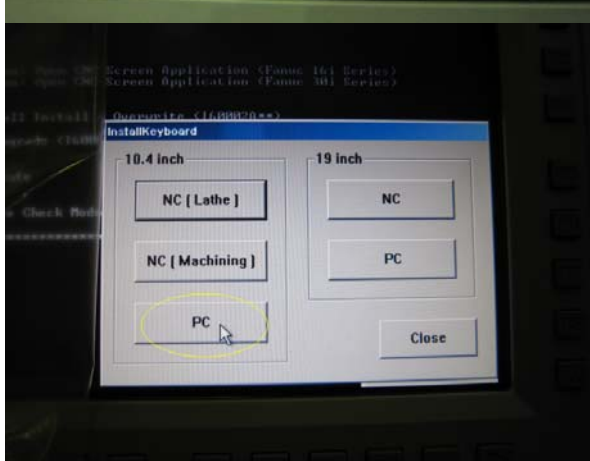


MAPPS SYSTEM

Page 1

Work content: install MAPPS software

- 1, open control panel,,switch "SW2", set "1", PLC stop.
- 2, insert U disk, power on, press"ON"button.
- 3, press"F9"key.
- 4, install"KEYBOARD" program, select"PC".
- 5, "Press OK to reboot".



MAPPS SYSTEM

Page 2

Work content: install MAPPS software

- 1, select "0 Full install" INPUT .
- 2, select "5 MITSUBISHI M730/M750" INPUT.

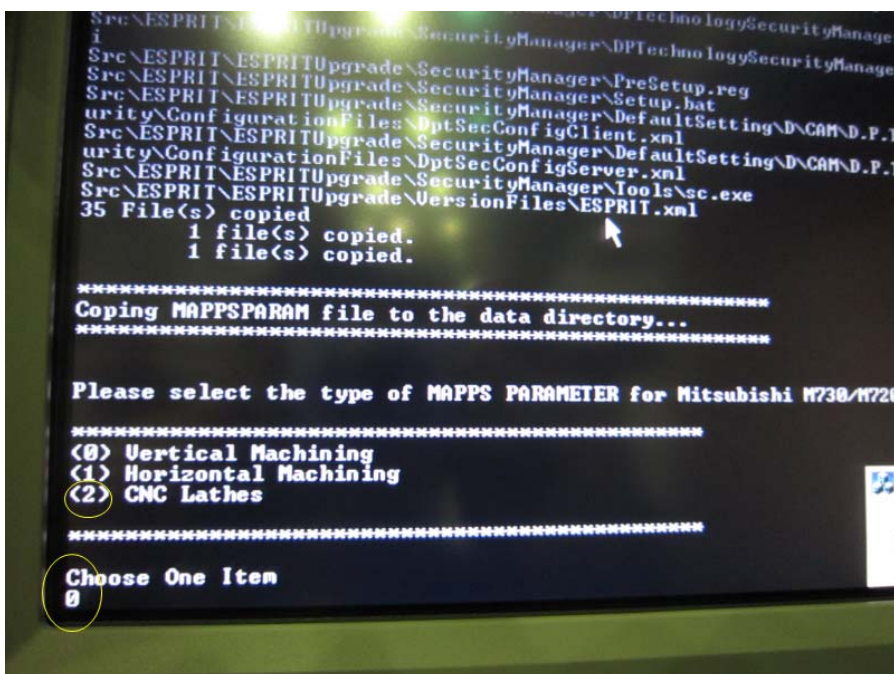


MAPPS SYSTEM

Page 3

Work content: install MAPPS software

- 1, press "INPUT" key.
- 2, select machine type, "0" Vertical Machine, "2" CNC Lathes.

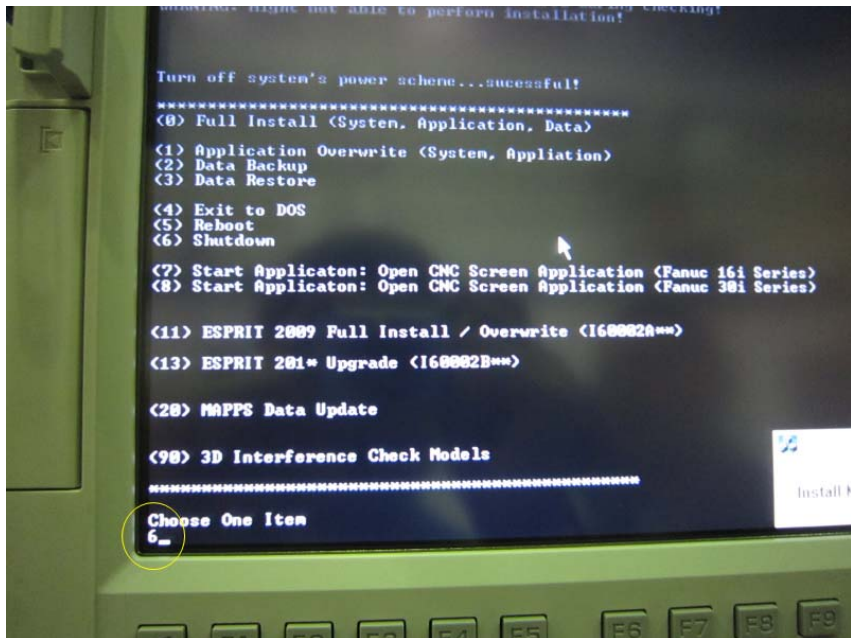


MAPPS SYSTEM

Page 4

Work content: install MAPPS software

- 1, select "6" system shutdown.
- 2 press "off" switch.
- 3, press "ON" key again.

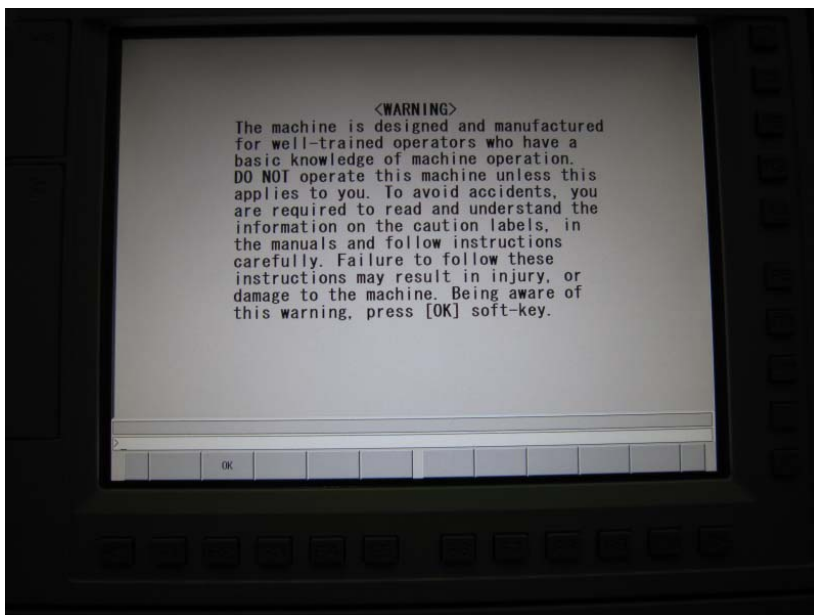
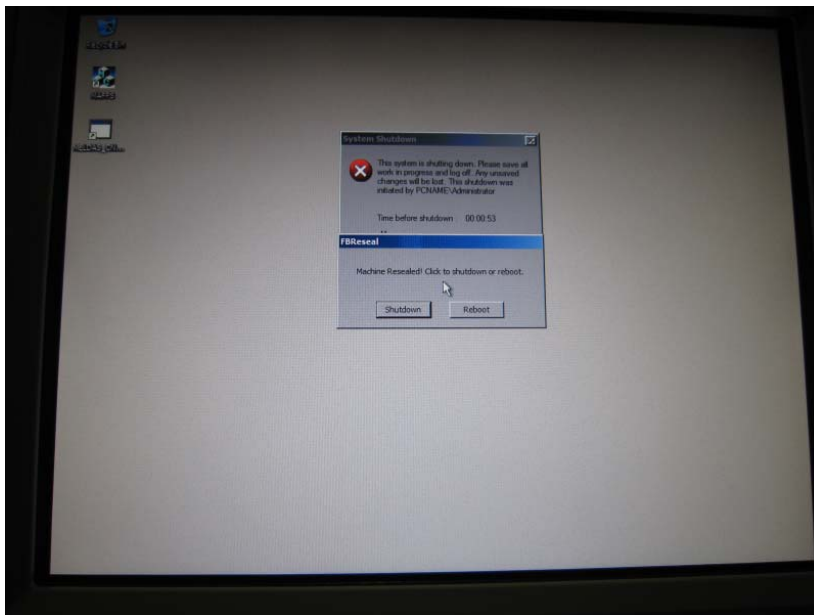


MAPPS SYSTEM

Page 5

Work content: install MAPPS software

- 1, system install program, automatically, don't use operation.
- 2, program installation finished automatically, close and restart.

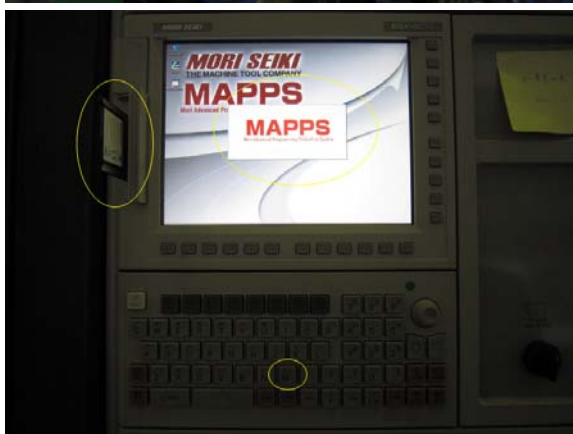
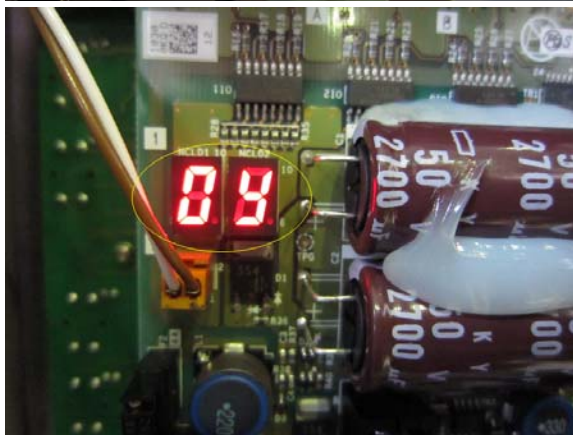


MAPPS SYSTEM

Page 6

Work content: clean SRAM and install NC software

- 1, press“OFF”switch, open control panel ,SW2 switch set “C”, press“ON”switch, show “0y” clean SRAM finish ,press“OFF”, SW2 switch set ”1“.
- 2, take out U disk, insert CF card.
- 3, press“ON”switch, show”MAPPS” ico, press ”M” key.

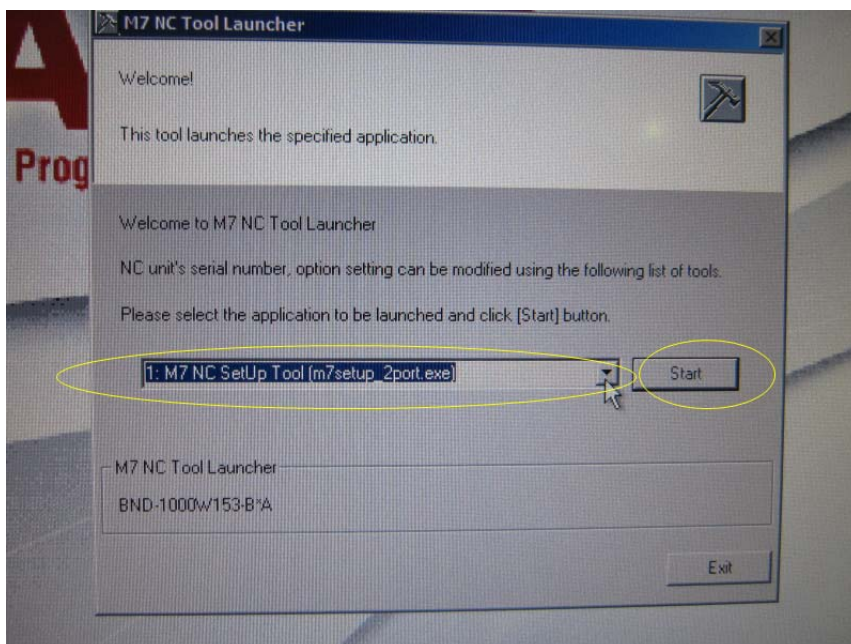
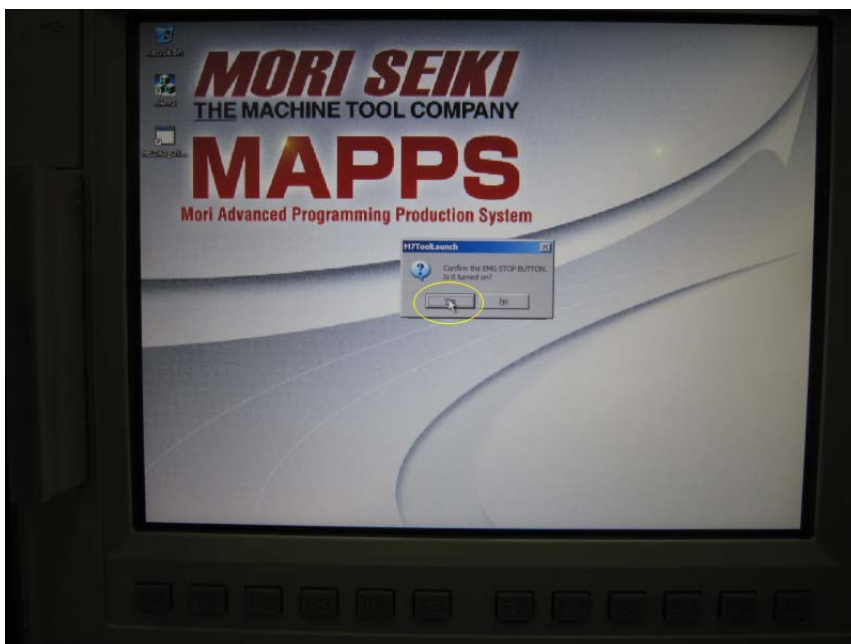


MAPPS SYSTEM

Page 7

Work content: clean SRAM and install NC software

- 1, select "OK".
- 2, select "1:M7 NCSetUPTOOL..." Start.

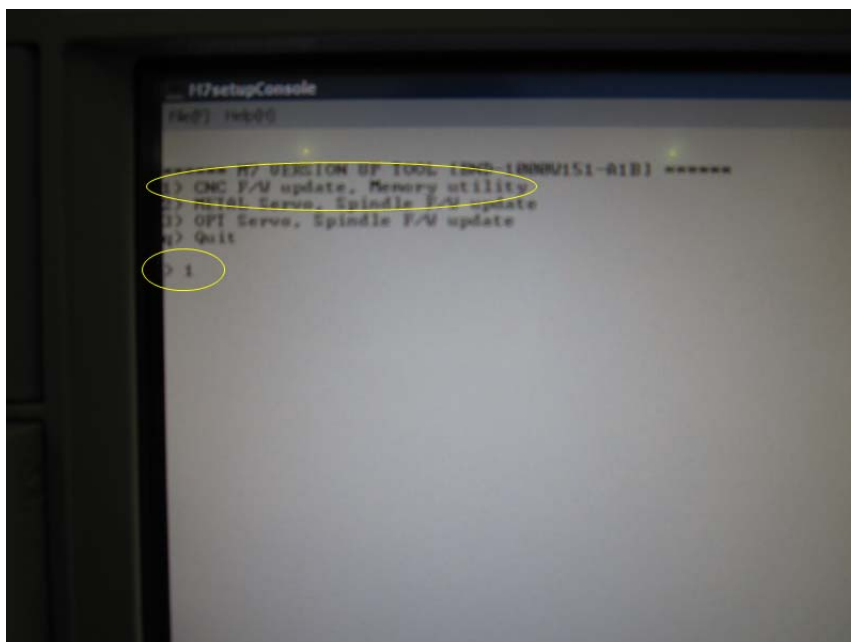
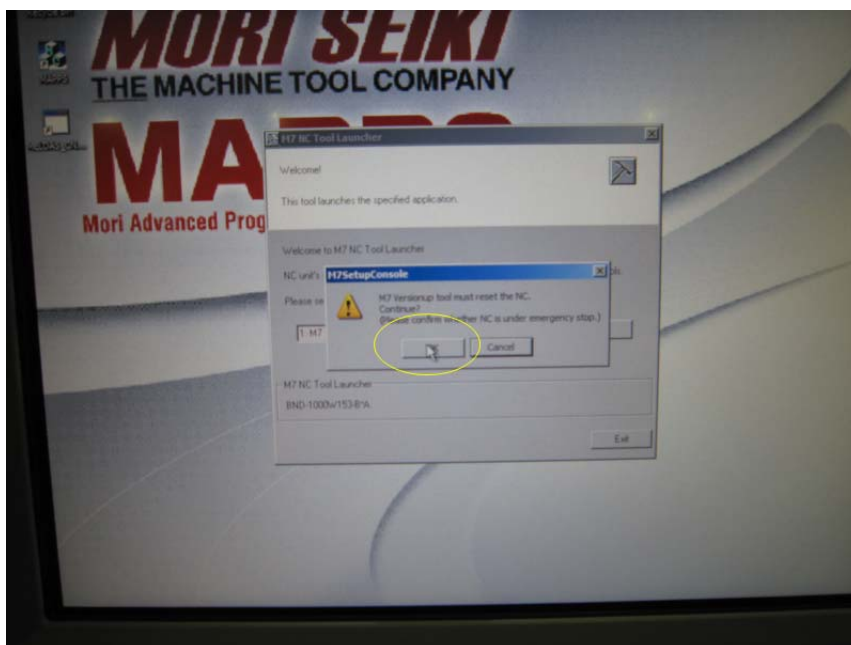


MAPPS SYSTEM

Page 8

Work content: clean SRAM and install NC software

- 1, select"OK".
- 2, select"1) CNC F/W update..." INPUT.

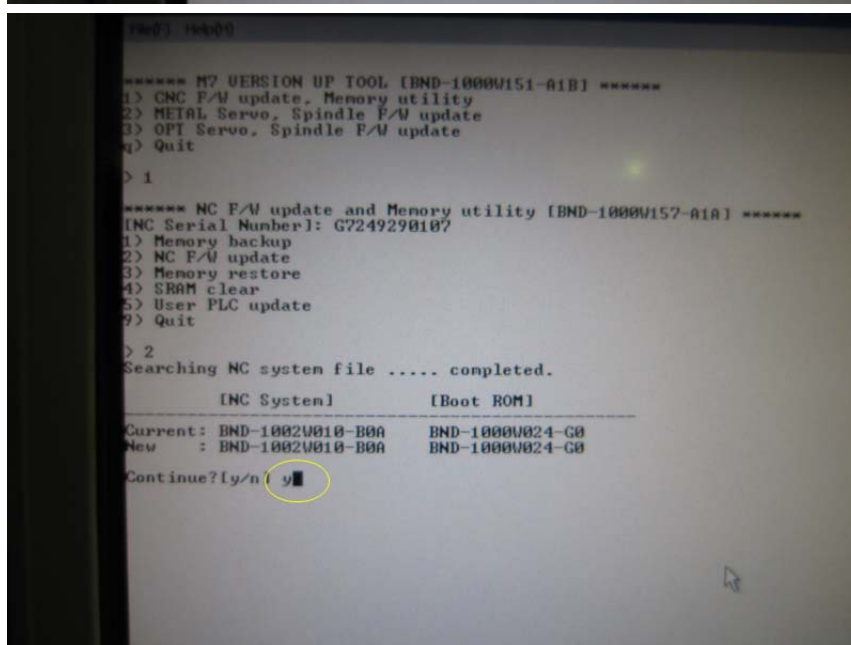
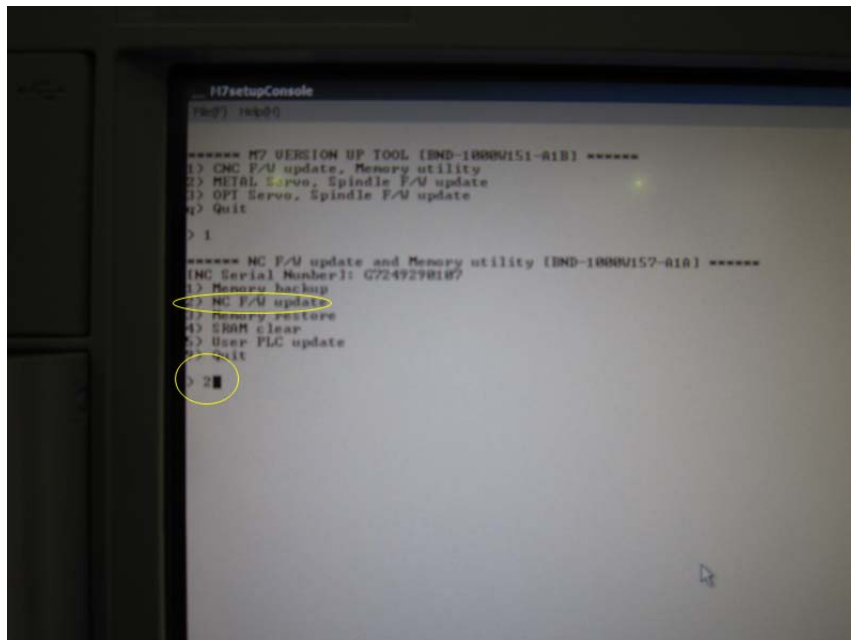


MAPPS SYSTEM

Page 9

Work content: clean SRAM and install NC software

- 1, select "2 NC F/W update" INPUT.
- 2, select "y" INPUT.

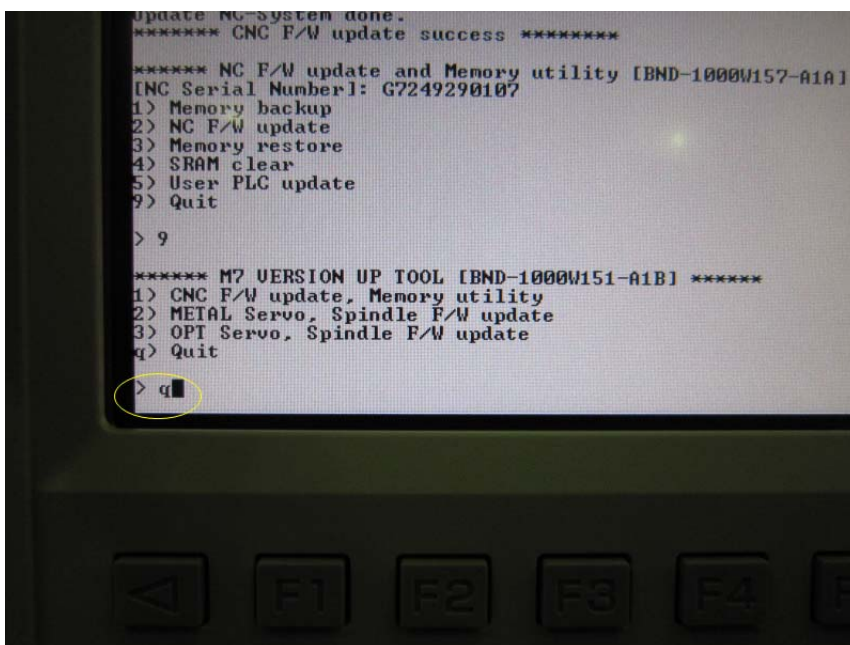
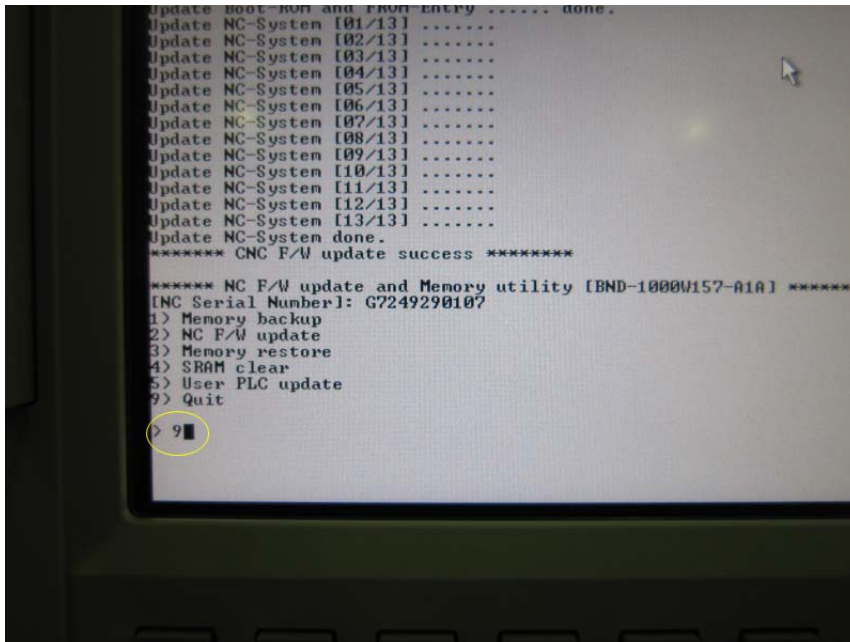


MAPPS SYSTEM

Page 10

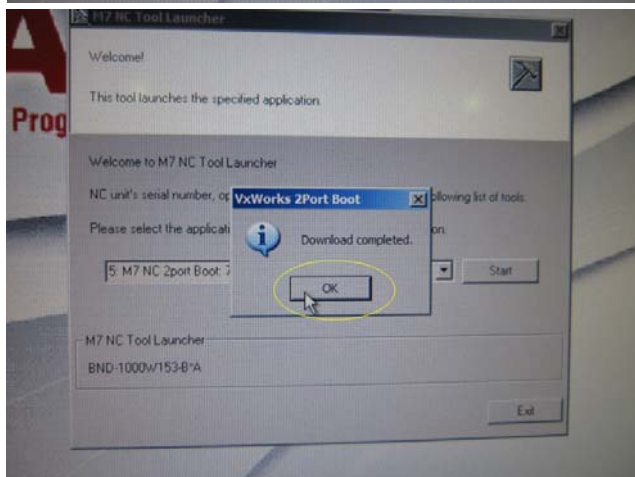
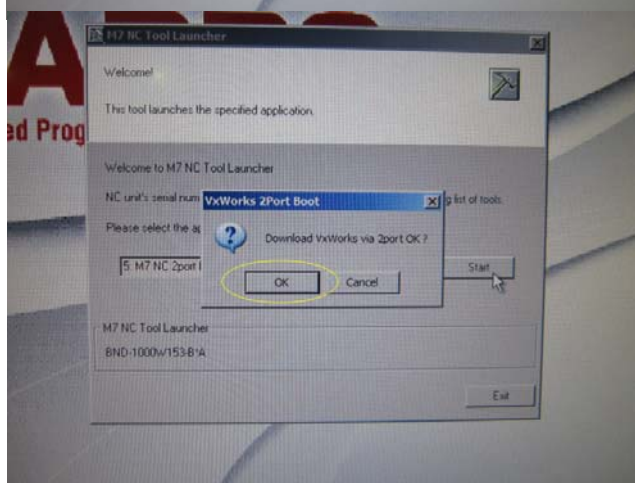
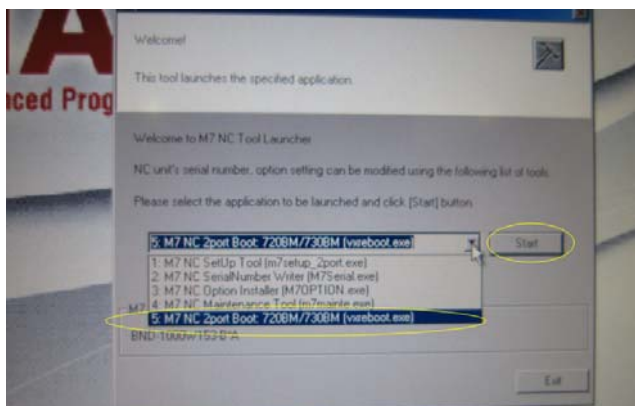
Work content: clean SRAM and install NC software

- 1, select "9" INPUT.
- 2, select "q" INPUT.



Work content: clean SRAM and install NC software

- 1, select "5: M7 NC 2PORT Boot ..." Start.
- 2, "OK".
- 3, "OK"

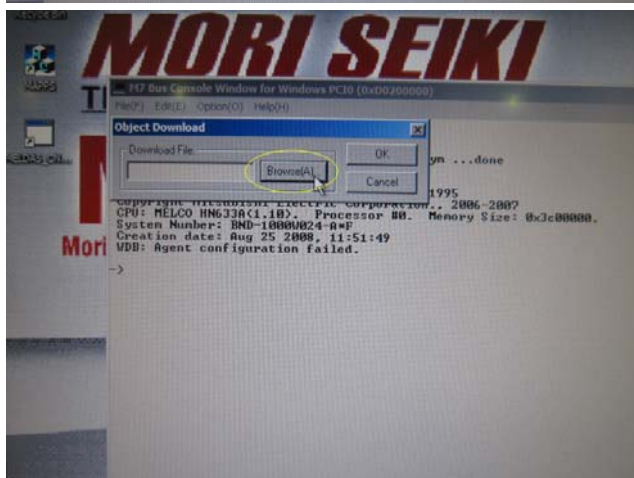
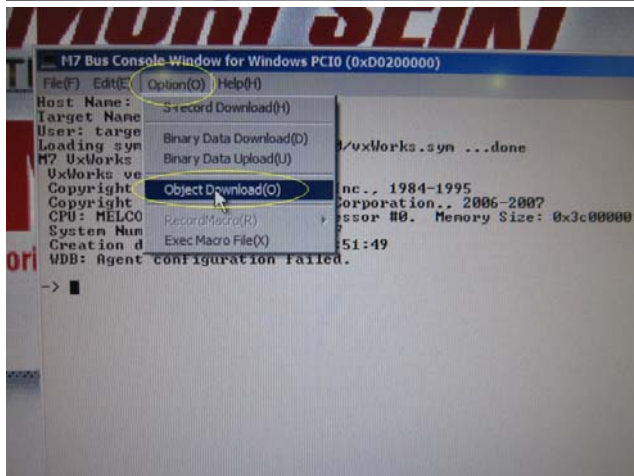


MAPPS SYSTEM

Page 12

Work content: clean SRAM and install NC software

- 1, select "hammer".
- 2, select "Option", select "Object Download".
- 3, "Browse".

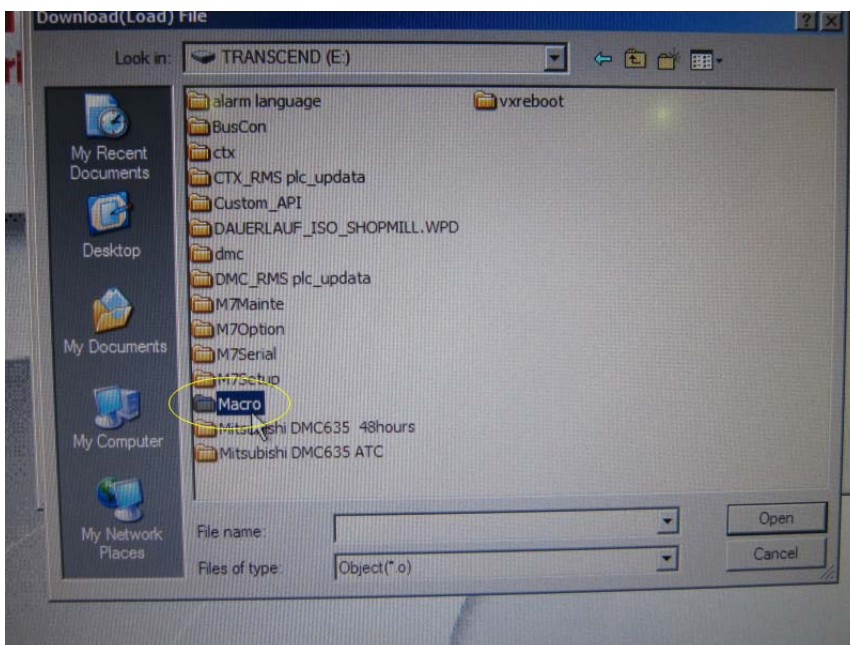
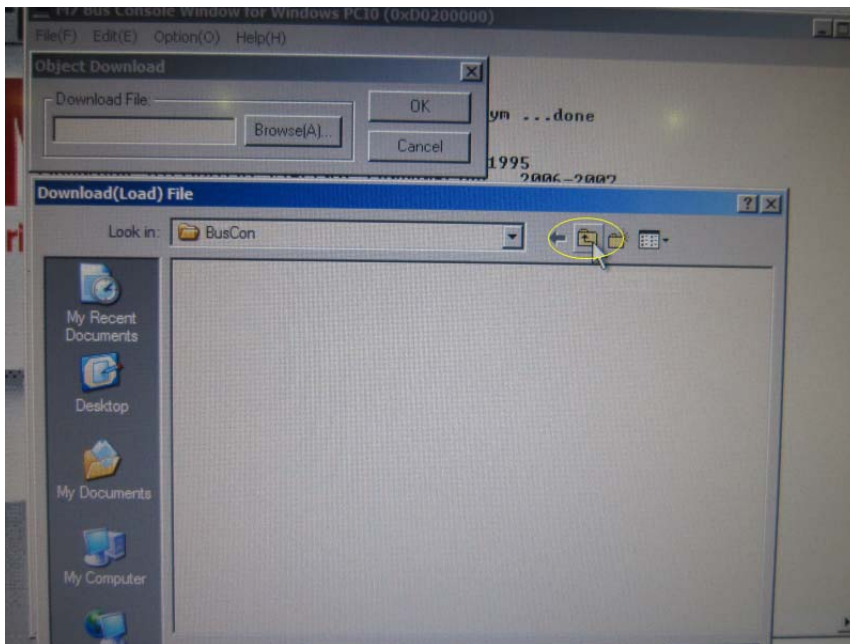


MAPPS SYSTEM

Page 13

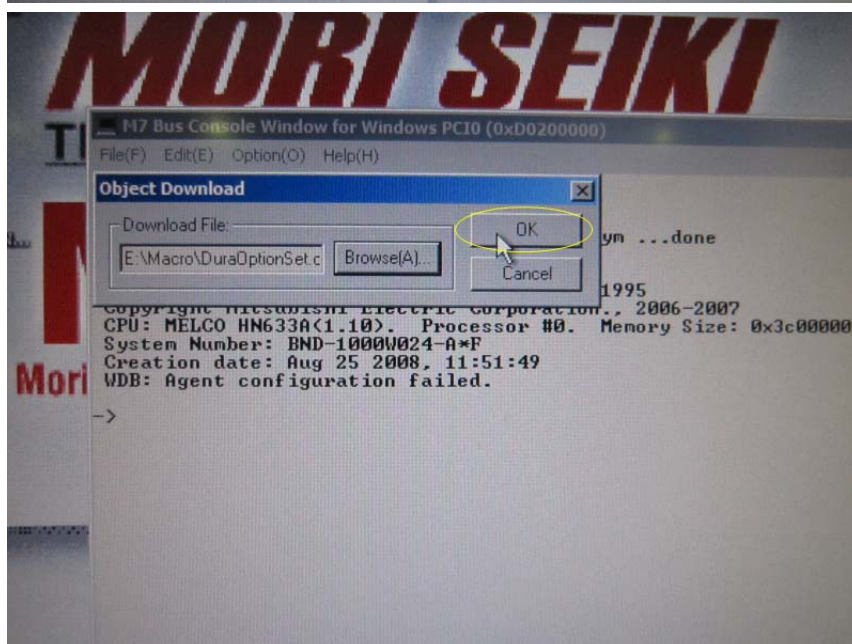
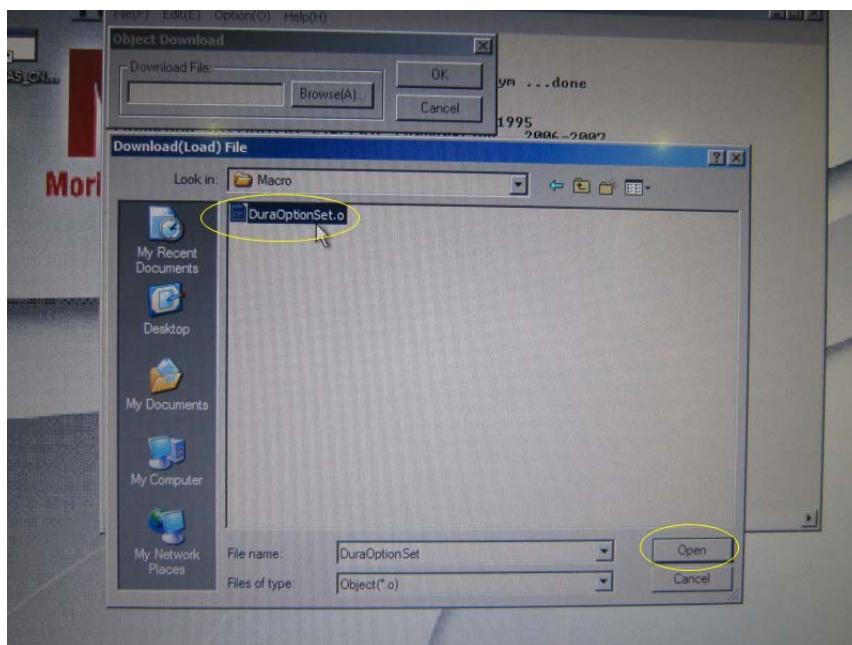
Work content: clean SRAM and install NC software

1, open"Macro" file.



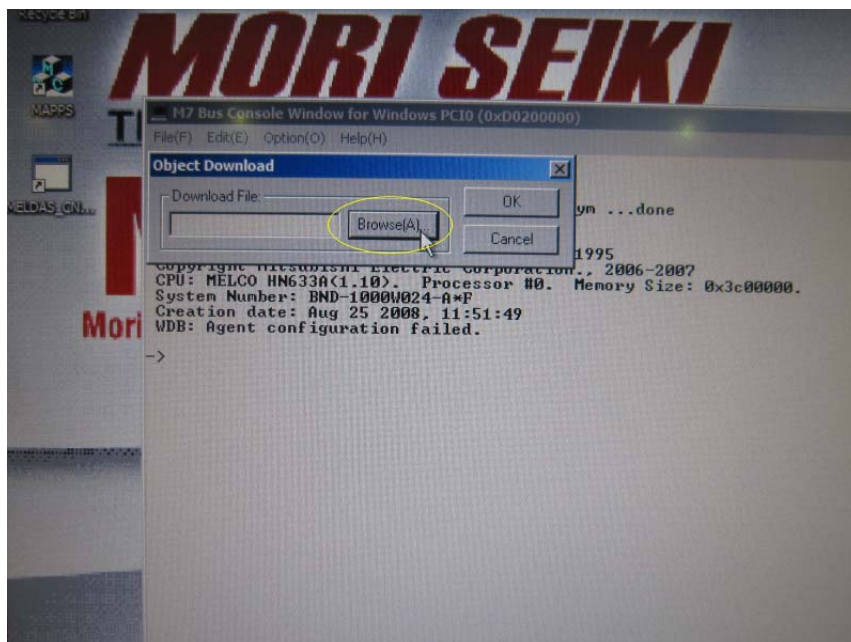
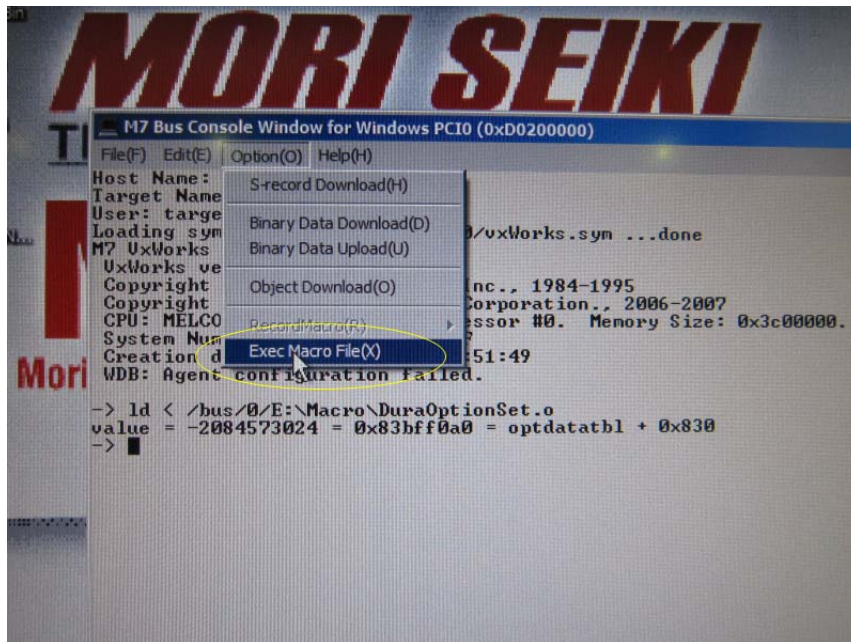
Work content: clean SRAM and install NC software

- 1, open "DuraOptionSet.o".
- 2, "OK".



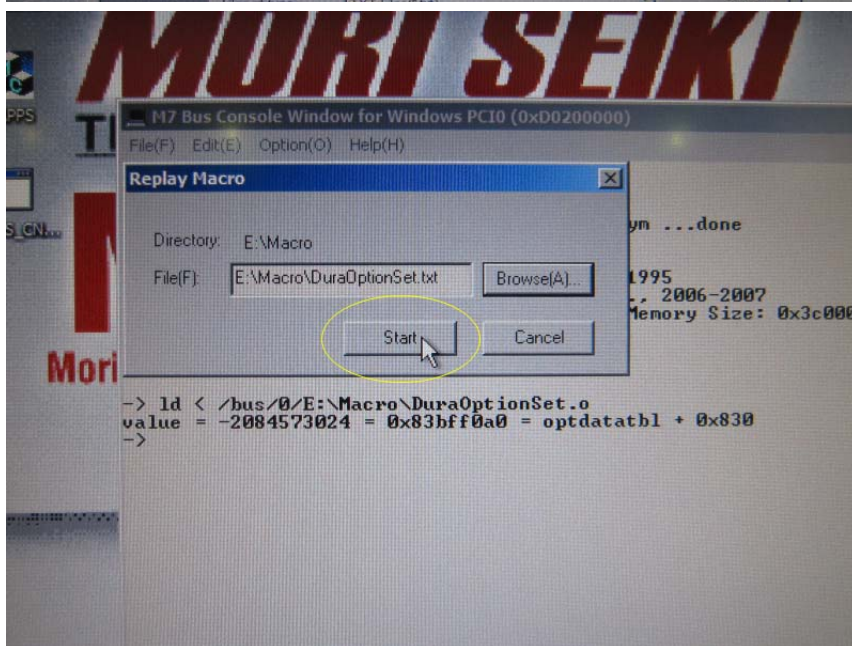
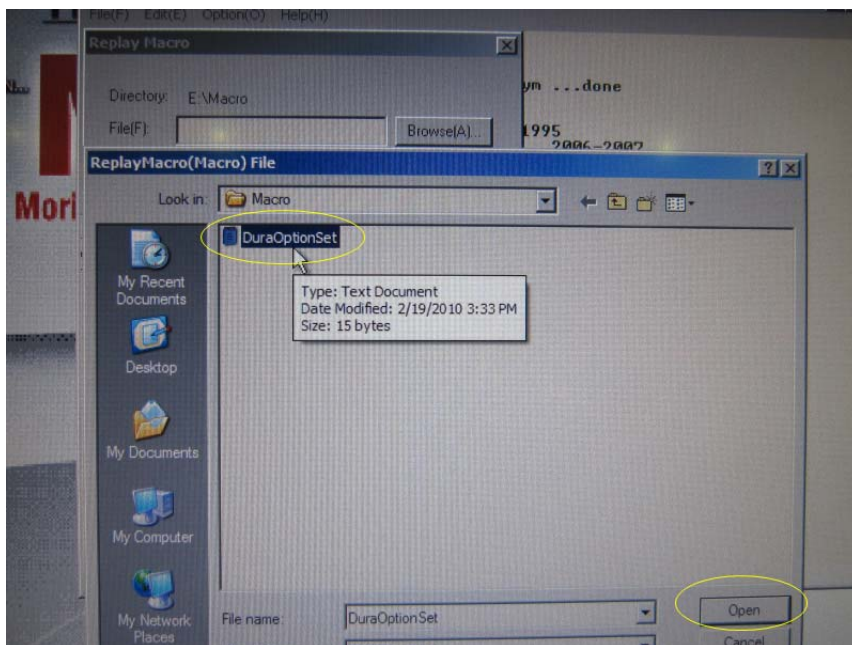
Work content: clean SRAM and install NC software

- 1, select "Option" again.
- 2, select "Exec Macro File".
- 3, "Browse".



Work content: clean SRAM and install NC software

- 1, open "DuraOptionSet".
- 2, "Start".

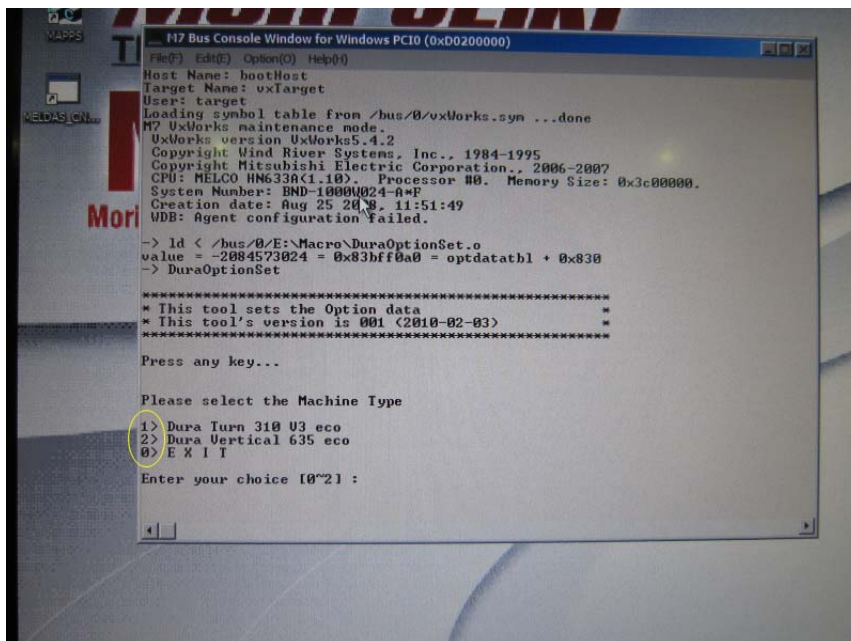
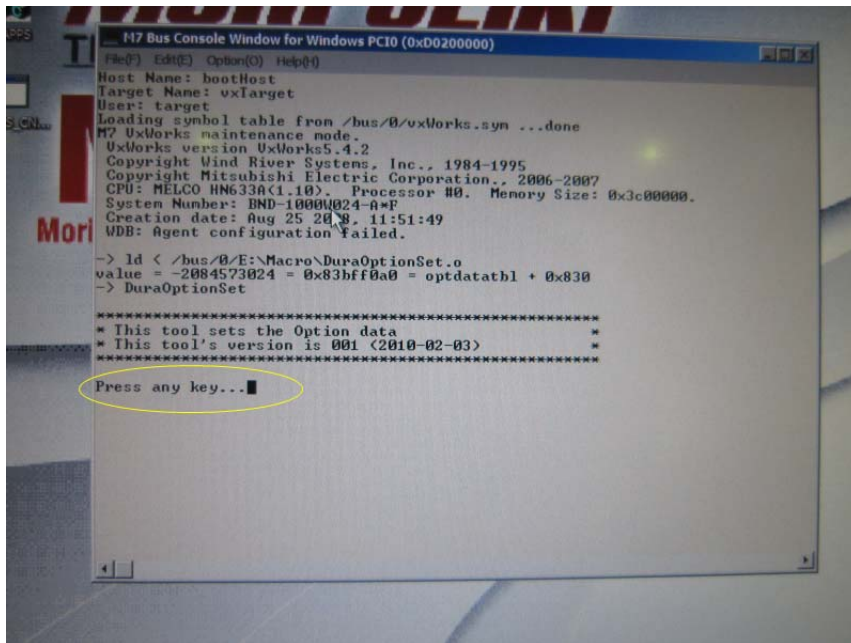


MAPPS SYSTEM

Page 17

Work content: clean SRAM and install NC software

- 1, press "INPUT" key.
- 2, select machine type.

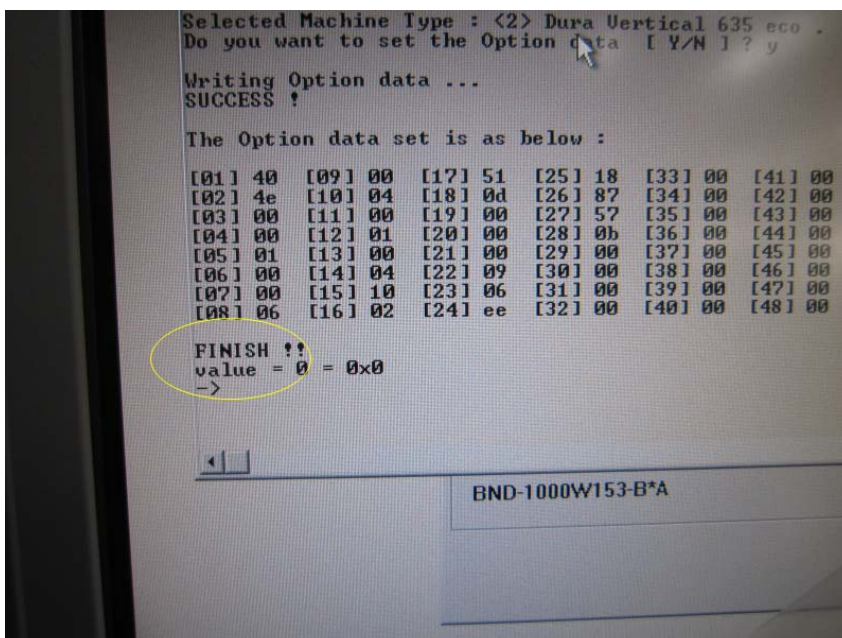
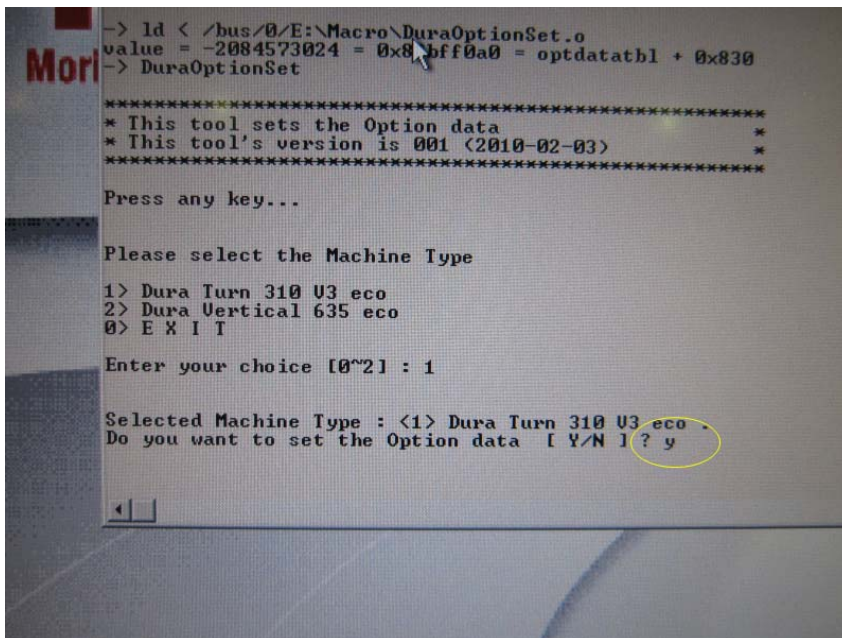


MAPPS SYSTEM

Page 18

Work content: clean SRAM and install NC software

- 1, press "y" key.
- 2, "FINISH".
- 3, press "OFF" switch.

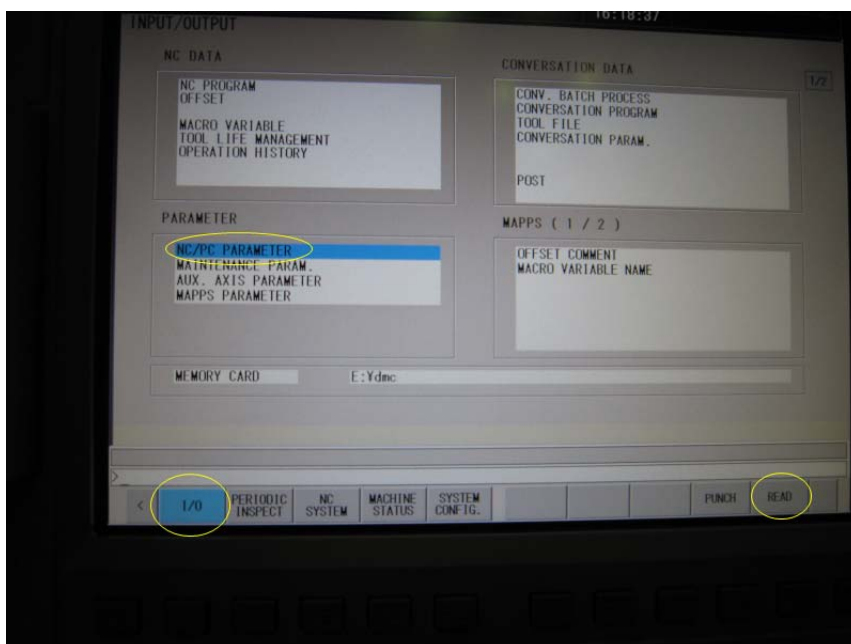
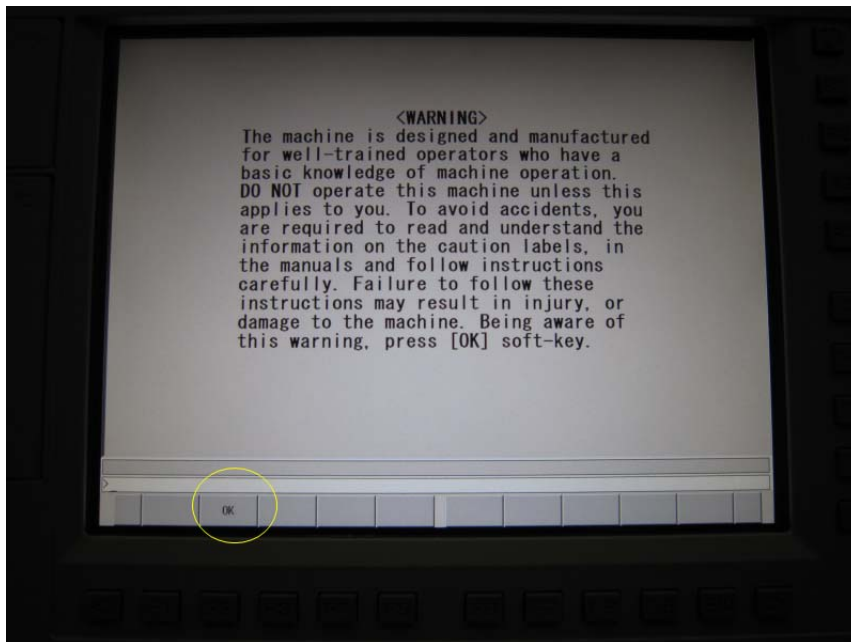


MAPPS SYSTEM

Page 19

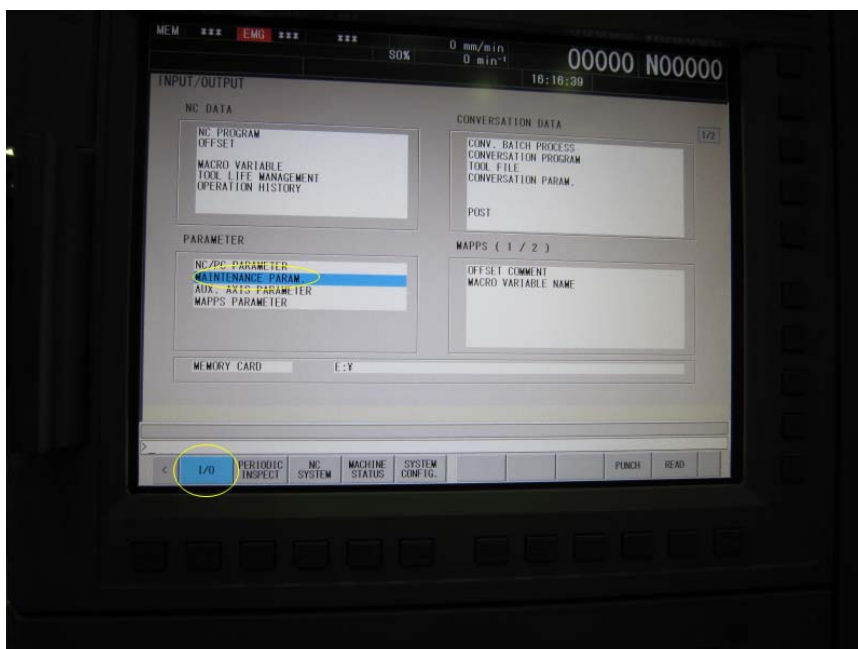
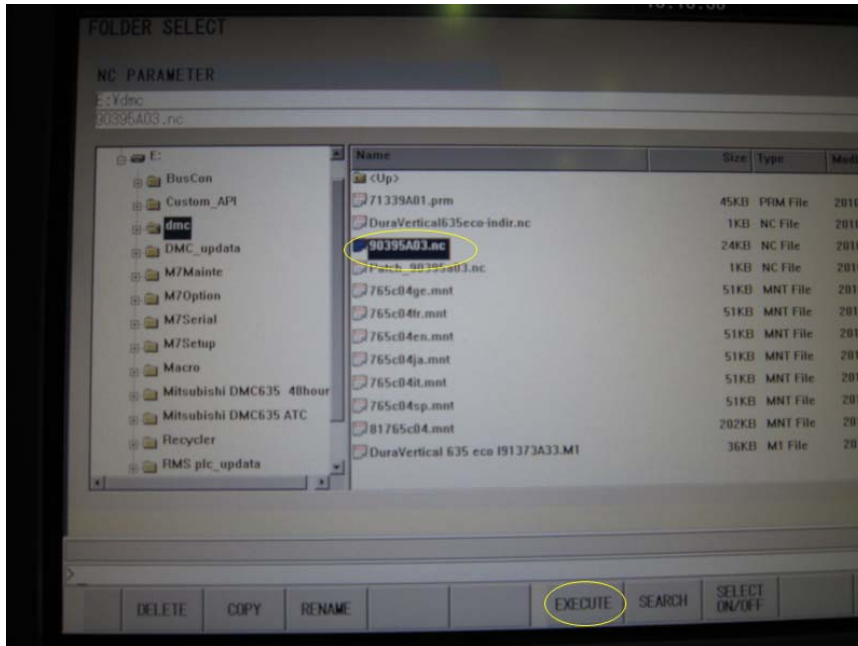
Work content: install NC PLC MAPPS parameter

- 1, press "OK".
- 2, press "SYSTEM" key.
- 3, "I/O".
- 4, select "NC/PC PARAMETER" press "READ" key.



Work content: install NC PLC MAPPS parameter

- 1, select ".NC" file,"EXECUTE".
- 2, select "MAINTENACE PARAM".

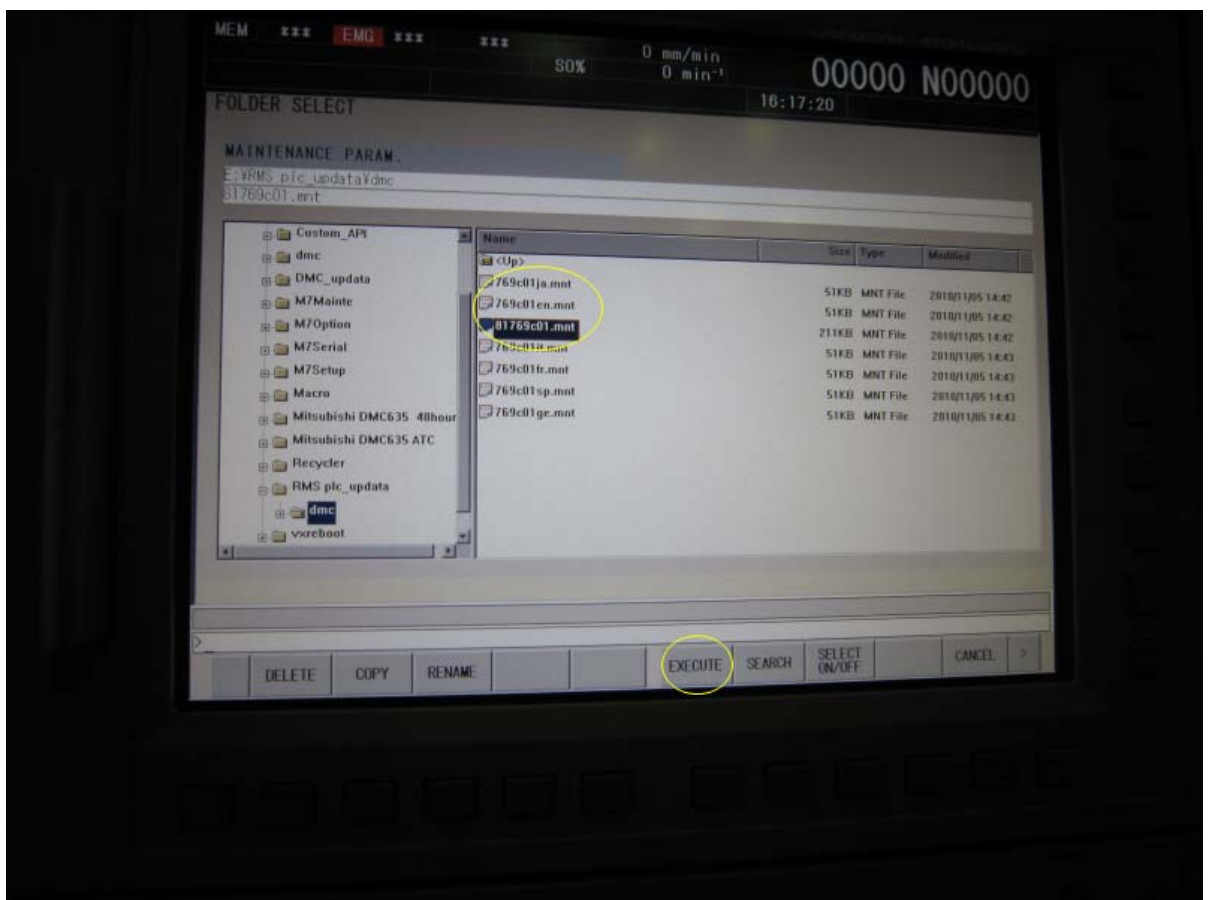


MAPPS SYSTEM

Page 21

Work content: install NC PLC MAPPS parameter

- 1, select two "MNT" file install.
- 2, "EXECUTE".

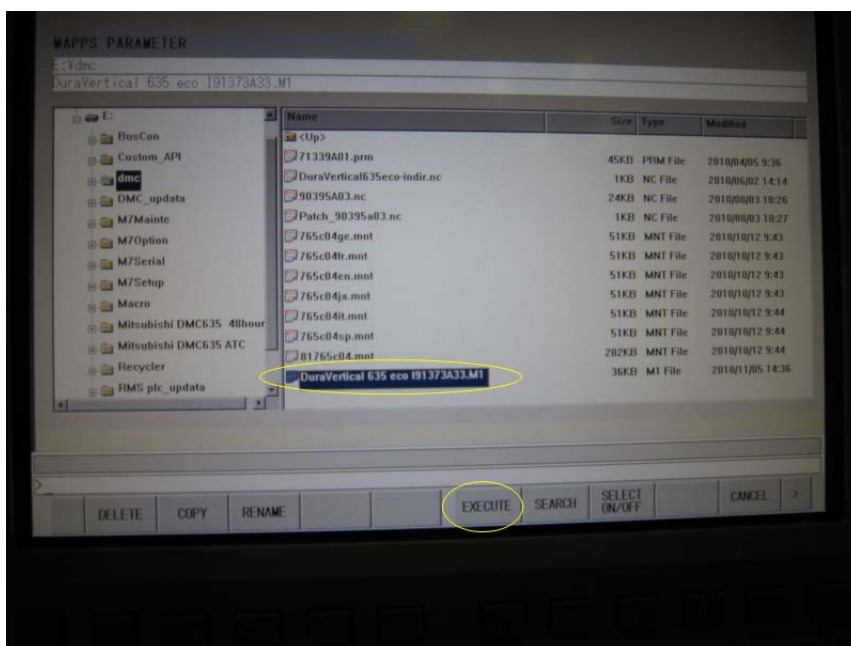
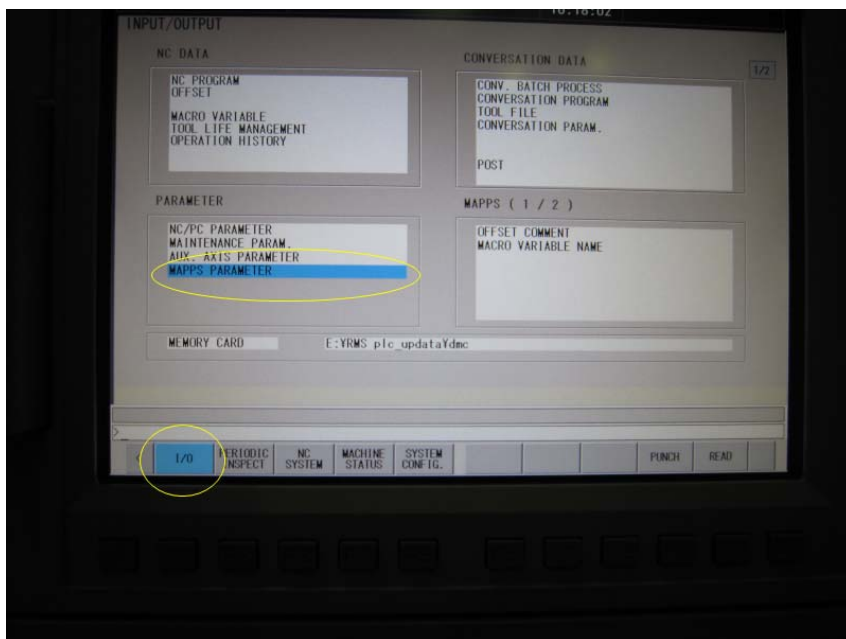


MAPPS SYSTEM

Page 22

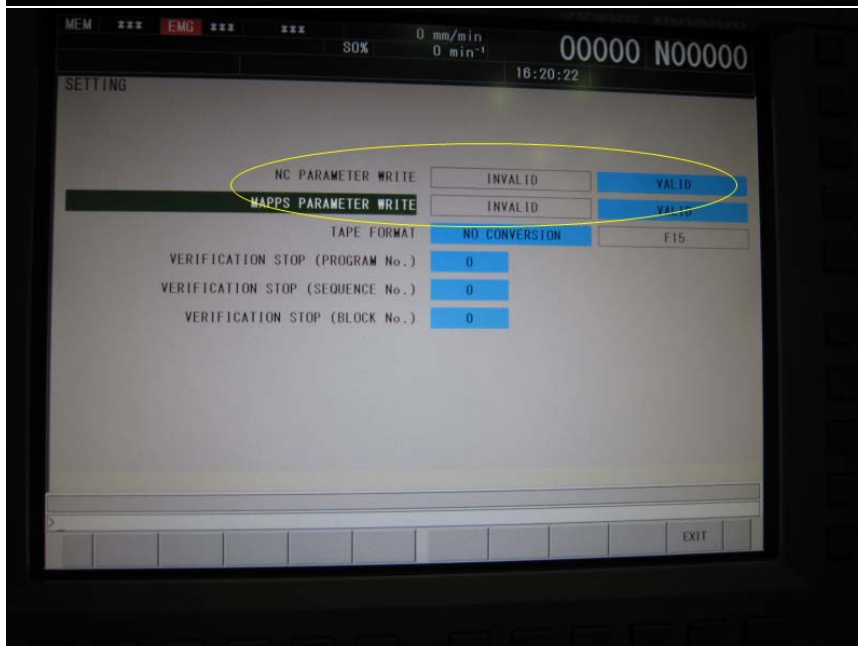
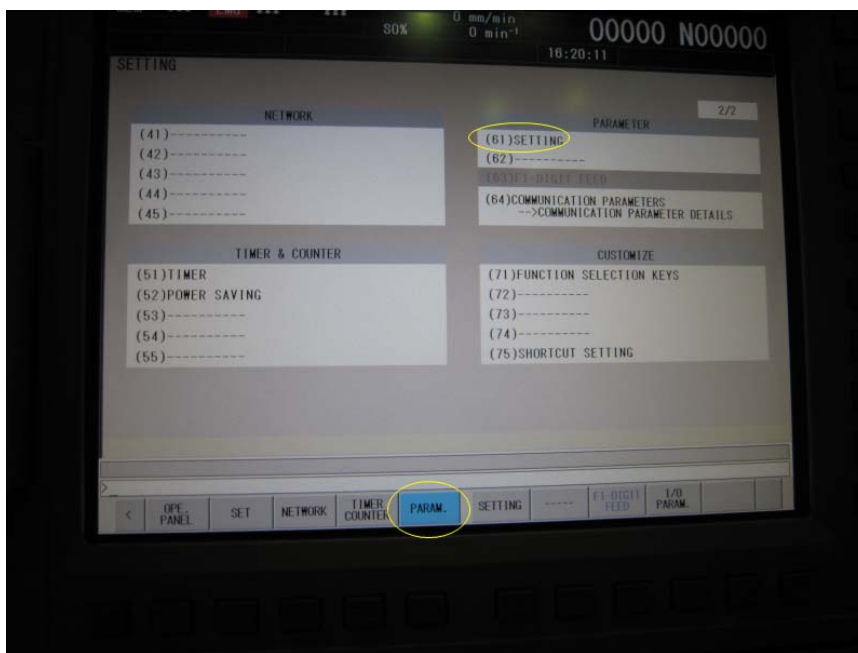
Work content: install NC PLC MAPPS parameter

- 1, select "MAPPS PARAMETER".
- 2, "READ".
- 3, select ".M1" file,"EXECUTE".



Work content: open parameter write-protect

- 1, press "SETTING" key.
- 2, "61" INPUT.
- 3, "NC PARAMETER WRITE" and "MAPPS PARAMETER WRITE" change "VALID".
- 4, "EXIT".

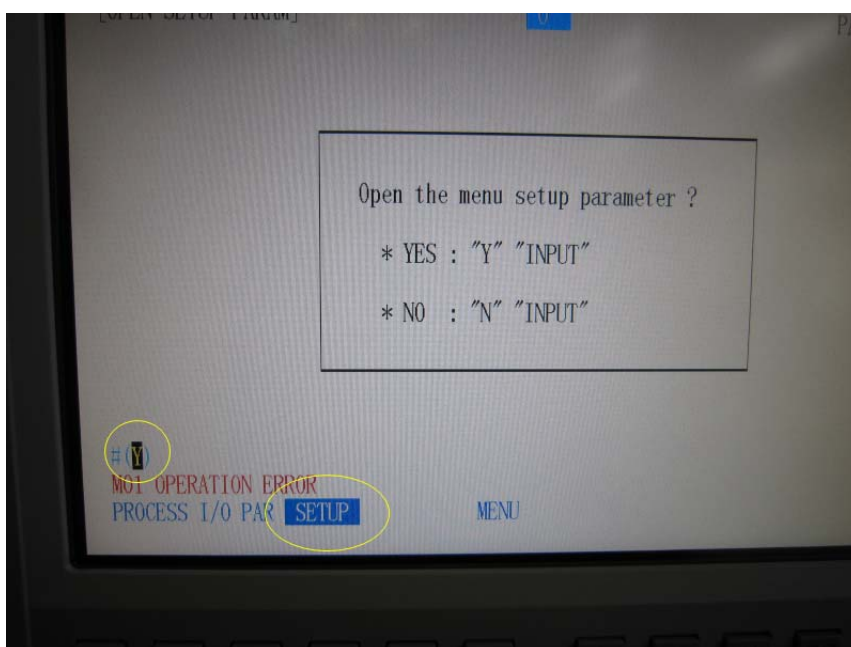
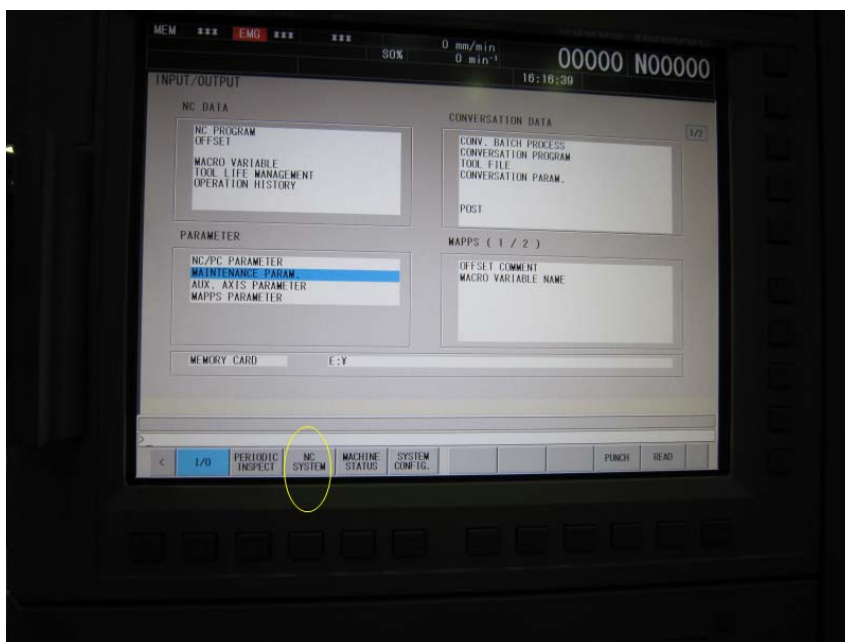


MAPPS SYSTEM

Page 24

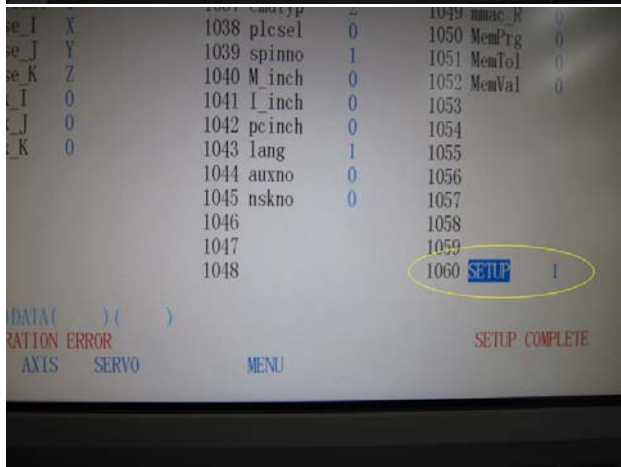
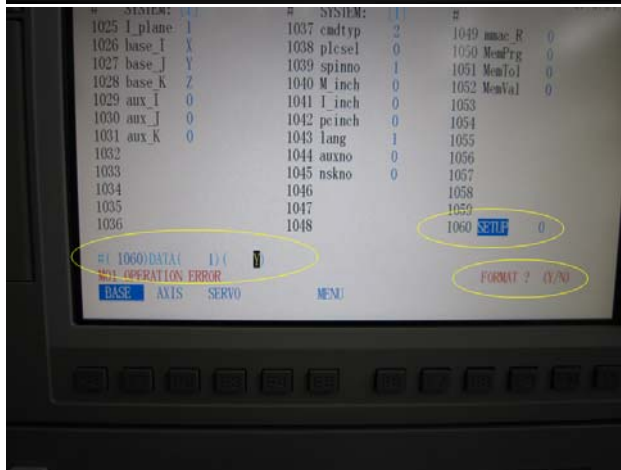
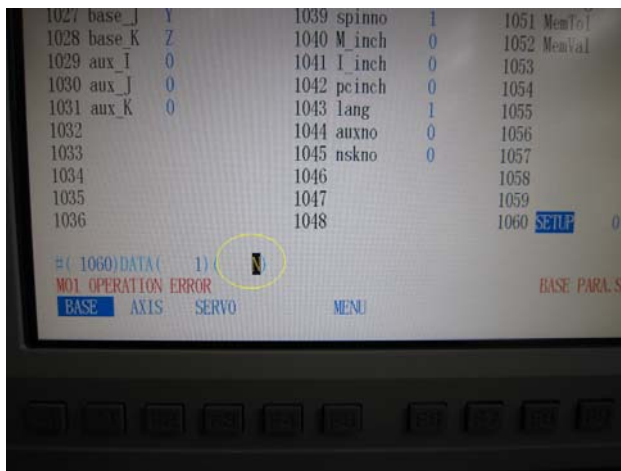
Work content: format

- 1, SYSTEM key ,press"NC SYSTEM".
- 2, "SETUP" key, select YES.



Work content: format

- 1, "1060" INPUT.
- 2, input "1", input "N", input "Y", format finish.



MAPPS SYSTEM

Page 26

Work content : restart PLC

- 1, press "OFF" switch.
- 2, open control panel, SW2 switch set "0".
- 3, software install finish

