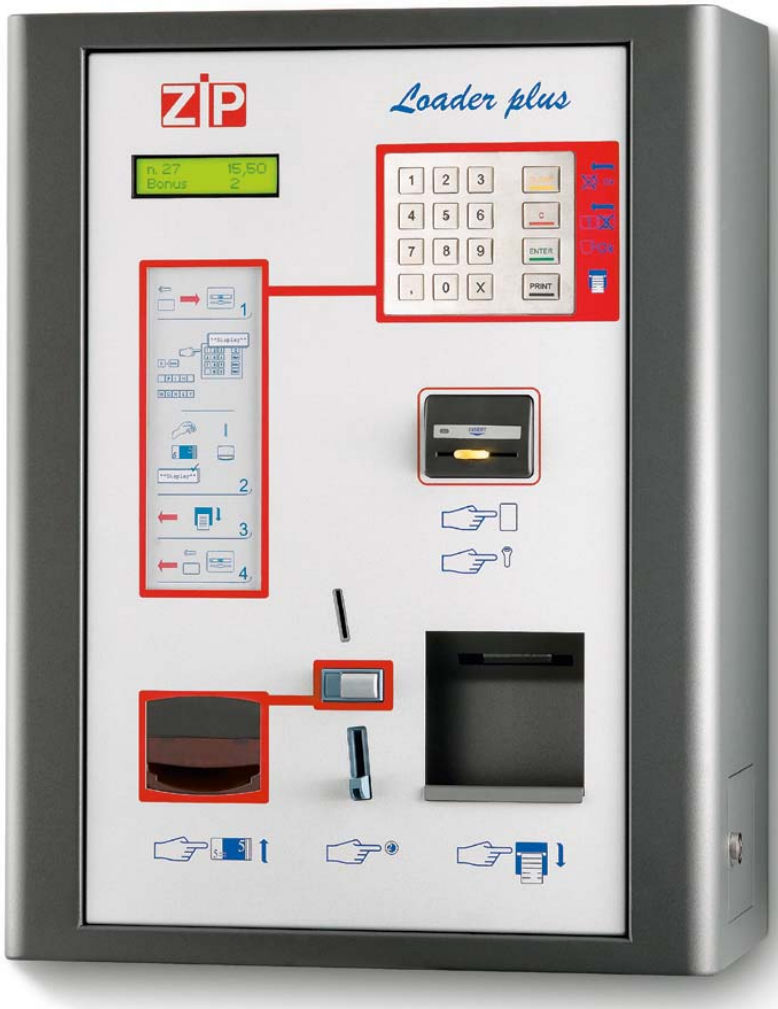
ZIP Loader PLUS software updating



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ZIP Loader PLUS is equipped with two microprocessors: one located in the key/card reader CPU (fig.1) and the other one located in the ZIP Loader PLUS CPU (fig.2).

Fig.1

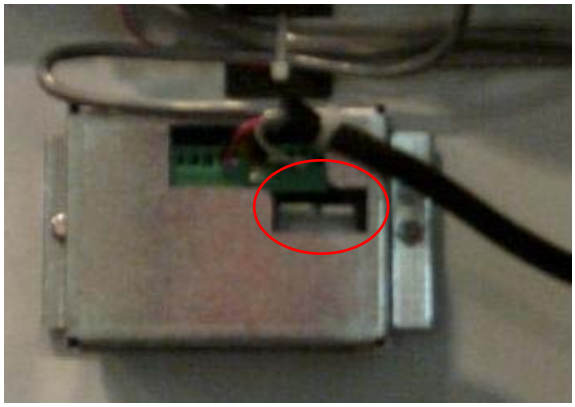
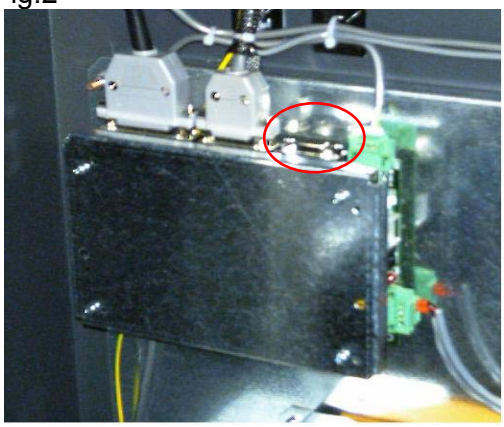


Fig.2

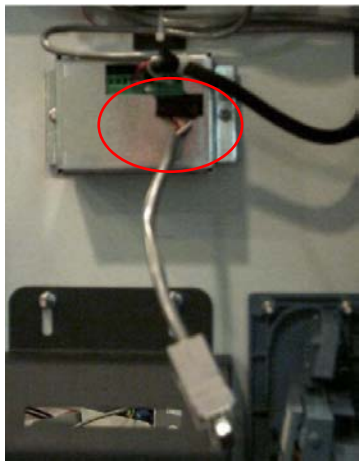


Procedure to update the software of the key/card reader CPU

1. Use the cable named *Reader Programming Cable* (fig.3).
2. Connect the cable to the key/card reader as shown in fig.4.

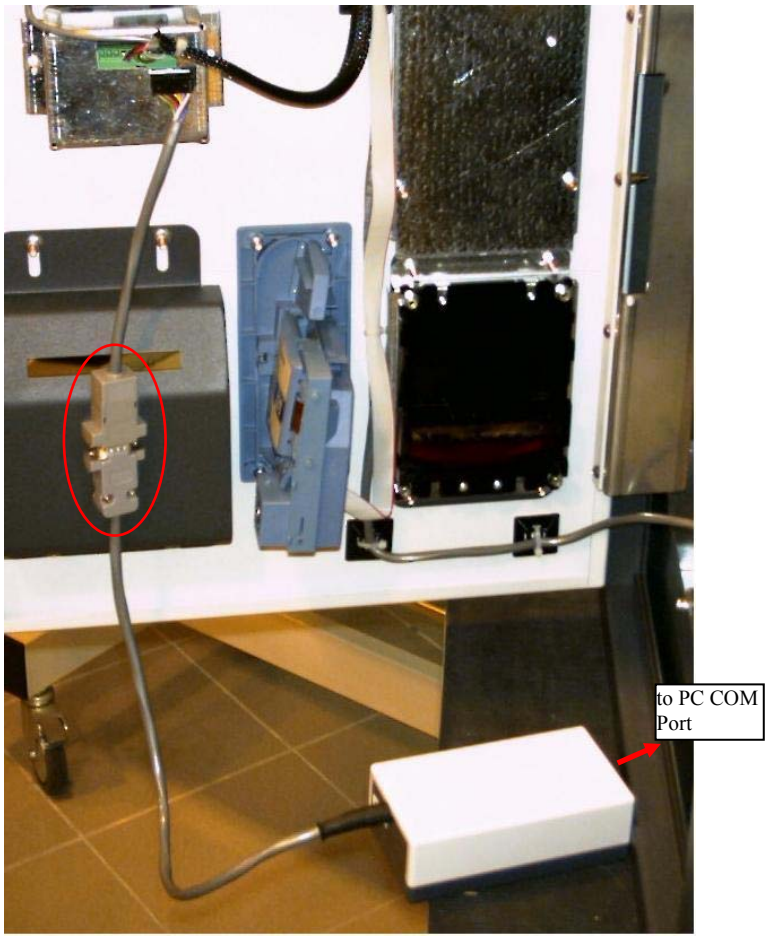
Fig.3

Fig.4



3. Connect the other side of the *Reader Programmer Cable* to the 9 pins male connector of the Updating Software Kit (code 958891) (fig.5).

Fig.5



4. Connect the standard serial cable: one side to the PC COM port (Serial port) and other side to the Updating Software Kit (three led side of the white box).
5. Give power supply to ZIP Loader PLUS.
6. Launch the program Flashsta.exe in the PC and follow the steps used in programming the ZIP reader (see in next pages “ZIP SOFTWARE UPDATING USING FASHSTA.EXE AND KIT COD. 958891).
7. When the programming is finished, exit the program Flashsta.exe.
8. Disconnect the cable and the Updating Software Kit.

Procedure to update the software of the ZIP Loader PLUS CPU

1. Connect the 9 pins male connector of the Updating Software Kit (code 958891) to the 9 pins female connector located in ZIP Loader PLUS CPU. (Fig 6)

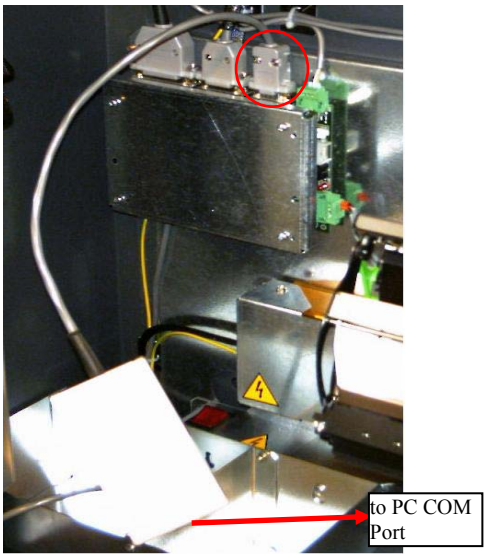


Fig 6

2. Connect the serial cable: one side to the PC COM port (Serial port) and other side to the Updating Software Kit (three led side of the white box).
3. Give power supply to ZIP Loader PLUS.
4. Launch the program Flashsta.exe in the PC and follow the steps used in programming the ZIP reader (see in next pages “ZIP SOFTWARE UPDATING USING FASHSTA.EXE AND KIT COD. 958891).
5. At the end of the programming, exit the program Flashsta.exe.
6. Disconnect the cable and the Updating Software Kit.

ZIP SOFTWARE UPDATING USING FASHSTA.EXE (CODE 958891)

The software is used for programming the Flash memory of the microprocessor M16C/62 in the ZIP unit. The software consists of two files: xxx.id, xxx.mot .
These files must be stored in the same directory.

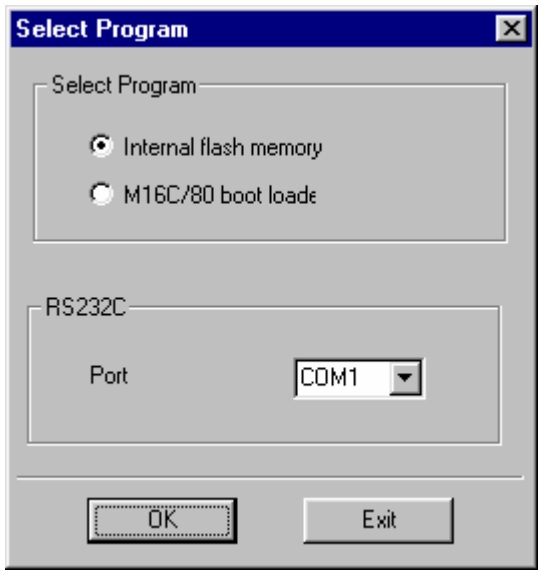
1. Connect the CPU ZIP to the Flash Programmer (the CPU ZIP must be disconnected from the power supply).

2. Connect the Flash Programmer to the PC.

3. Switch the CPU on with 24Vac (the green led of the Programmer will turn on).

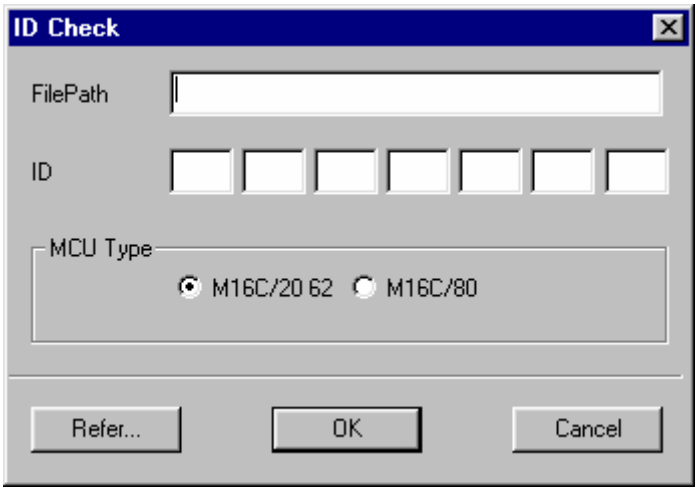
4. Launch the software **Flashsta.exe**.

- It will appear:



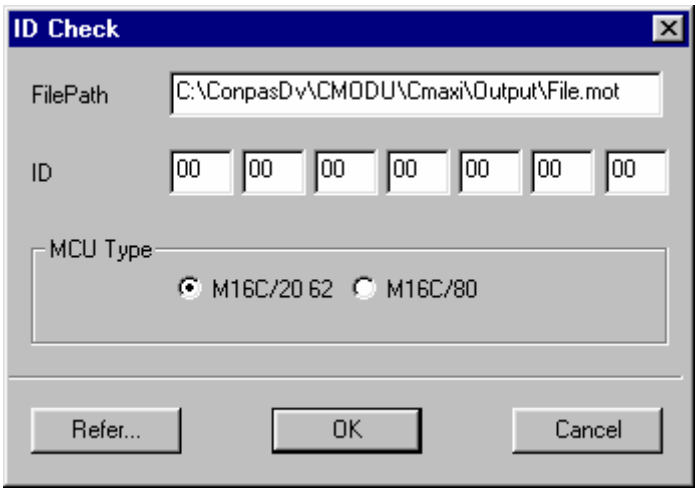
Select the COM port and then “OK”.

- It will appear:



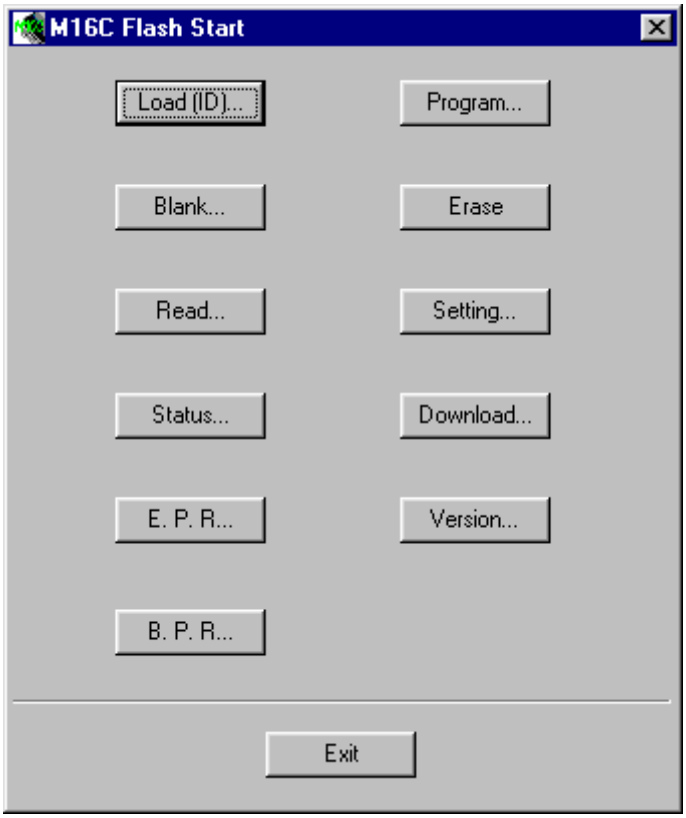
Press "Refer…" and select the file (file.mot) to be loaded, push "Open" and wait the finishing of the loading.

- When the loading is complete:



Check the file path and confirm by pushing "OK".

- If the communication between CPU and PC is active, the following window will appear:

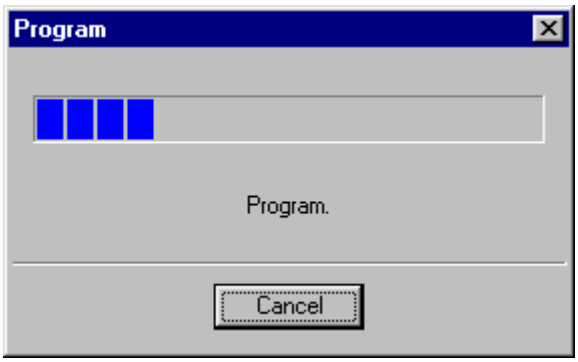


Choose "Setting…", set Baud Rate = 57600, push "OK".
Then choose "E.P.R…" (Erase+Program+Read).

- The following question will appear:

Push “OK” to confirm.

- The programming will start :



Wait for the programming to end…:

Push “OK” to confirm.
Push “Exit” on the M16C Flash Start window to close the Flashsta.

5. Switch the power OFF and disconnect the Programmer from the CPU board.