

Flash Read Only Memory Card Input / Output Procedure THIS IS FOR THE 21GA AND 21/T CONTROLS ONLY

Writing and reading, to and from the F-ROM card is fairly easy. First you must determine what operation you want to perform. The 2 basic operations are reading from the card or writing to the card. You must also understand what condition the Fanuc control is in. If you have a working control. **(i.e. NO ALARMS or ERRORS displayed)** Then you will want to save, or write your machine data (Programs, offsets Parameters etc.) to the F-ROM card. That way you have a backup copy of all your essential machine and system data for that machine should it fail. This memory card should be kept in a safe place, so that if it becomes necessary to restore the data to the machine due to an alarm, (i.e. 910, 911, 920, or 930) or loss memory or battery power you can do it quickly and easily.

If you have lost your machine data due to battery problem or 910, 911, 920, or 930 alarms you want to restore it, then you will want to save, or read your machine data. You must start by clearing the memory in the machine. To clear the memory in the machine you must push and hold the 7 and 9 keys on the number pad while turning the power on. After this you will be able to load the machine data from the memory card. You should then make sure that you have PWE enabled. (See PS02-05A)

TO READ DATA FROM THE F-ROM CARD

With the power to the machine off, insert the F-ROM card into the PCMCIA slot on the Fanuc controller. **(Figure 1-2)** Then to get to the F-ROM loader screen **(Figure 1-3)**, you need to turn on power to the control while holding the left arrow key and the first soft key. **(Figure 1-1)**

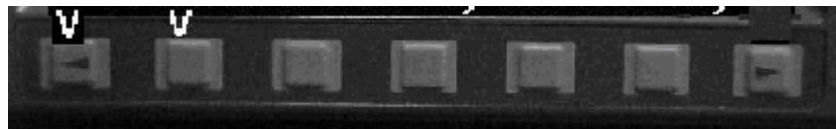


Figure 1.1

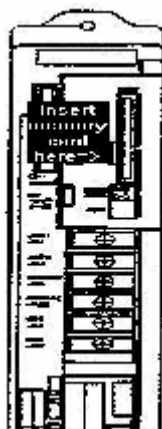


Figure 1-2

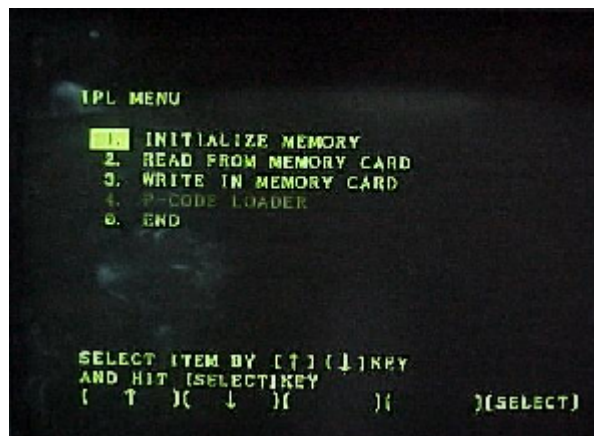


Figure 1-3

Procedures Specification

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900 SERIES ALARM 21 GA

Number
PS02-20

Revision
A

After the power is turned on then you will see the screen in (Figure 1-3).

Push the down up arrow soft key to cursor down to the operation you want to perform, then push the select soft key to start the operation selected. This will be the “Read from Memory operation” (#2 option) The next screen of operations will be displayed. (Figure 1-4)

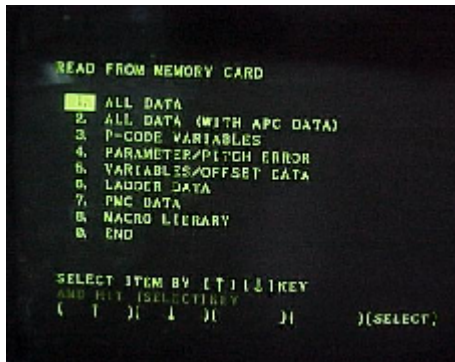


Figure 1-4

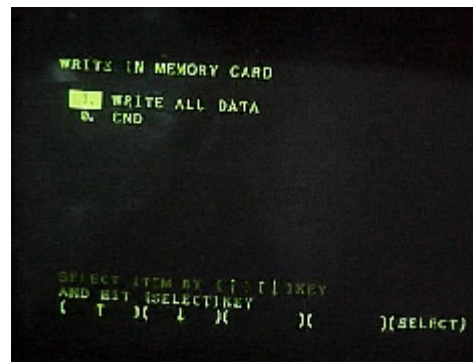


Figure 1-5

Select the all data operation (#1 option) then push the “select” key. The next screen will be displayed. (Figure 1-5) select (#1 option) When the load is finished the screen will display “complete”

Turn off the power to the machine, remove the flash RAM card, then power up the machine.