BAS Module EEPROM Programming Procedure

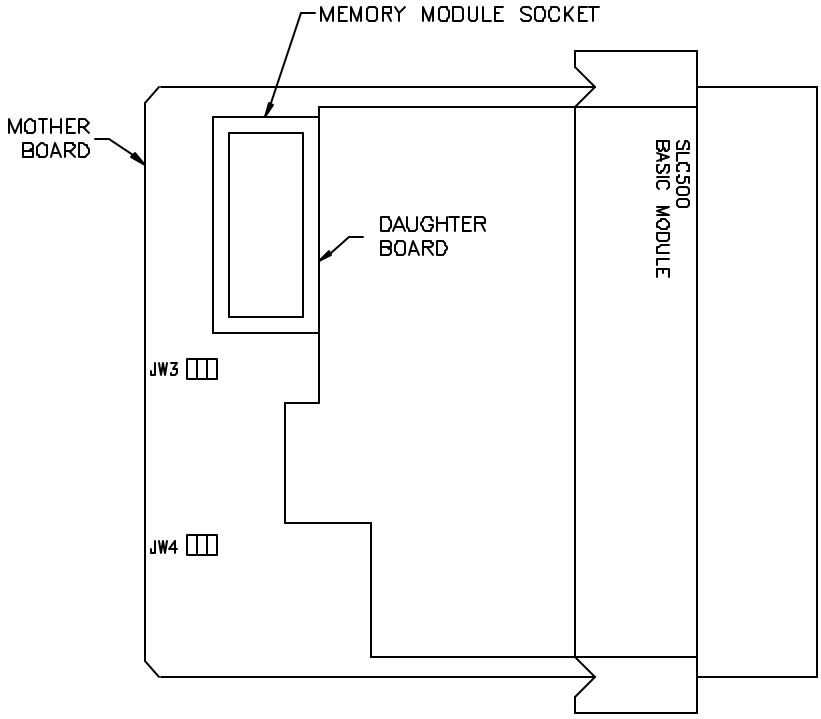
1. Install EEPORM Module

NOTE: **The BAS module uses the 1747-M2, 32K byte EEPROM.**
The BAS-T module uses the 1771-DBMEM2, 32K byte EEPROM.

a. Turn off power to rack.

b. Remove BAS module from rack.

c. Insert the EEPROM carrier into the memory module socket ensuring the proper orientation. The proper orientation is determined by the keying on the underside of the EEPROM carrier.



d. Re-install BAS module into rack.

e. Turn on power to rack.

2. Load BASIC Program into BAS Module

a. Connect the programming terminal to PRT1 of the BAS module using a null modem cable.

b. Start HyperTerminal. Set the baud rate, parity, data bits, and stop bits according to the following:

Baud rate:	19200
Parity:	None
Data bits:	8
Stop bits:	1
Flow control:	None

Note: The communication settings for the BAS module are set by the BASIC program. If the program has not been run on the module, the communication settings for HyperTerminal will have to be set to the default BAS module settings. After the program is run once on the module, the communication settings for HyperTerminal will have to be set to the above settings.

c. Open the connection to the module. Press 'ENTER' the '>' prompt should appear.

d. Type 'NEW' and Press 'ENTER'.

e. Transfer the program to the module using the send text file function.
Note: The BAS module needs a 200msec line delay. Set the line delay under the properties/settings/ASCII Setup/ASCII Sending dialog box.

f. When the program transfer is complete, type 'Run' and Press 'ENTER'.
The screen should display the following:
PROGRAM START
ESTABLISH PLC COMMUNICATION
ESTABLISH PLC COMMUNICATION

g. Type [ctrl c] to stop the program.

h. Type "PROG" and Press 'ENTER'.
The BAS module should return:

```
ROM 1
Programming sequence successful.
READY
```

i. Type "PROG2" and Press 'ENTER'.
The BAS module should return:

```
Programming sequence successful.
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j. Type 'NEW' and Press 'ENTER'.

k. Type 'Run' and Press 'ENTER'.
The screen should display the following:
PROGRAM START
ESTABLISH PLC COMMUNICATION

ESTABLISH PLC COMMUNICATION

l. The EEPROM programming is complete.