

DESCRIPTION

blocload™ is intended to repair molblocs™ that have invalid eeprom information.

GENERAL INSTALLATION

Install blocload by running install on the installation disk. The program and supporting files are copied to the PC and the blocload icon will be added to the moltools™ program group. Before running blocload attach a molbox1™ to one of the PC's RS232 communications ports and turn it on. When the program starts, it will search for molbox1 on both COM1 and COM2 with the default molbox1 communications settings of 2 400 baud, even parity, 7 data bits and 1 stop bit. If molbox1 is not detected, a status message will prompt you to setup the communications before continuing. To set up the communications, choose the communications menu option, select the correct settings and press OK.

RESTORING A molbloc

- *Prior to use, contact DHI Technical Service to request the latest restore file(s) for your molbloc(s). The data file(s) can be transmitted via CompuServe®, email or 3.5" diskette.*
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File: Restore molbloc

Select the Restore molbloc option under the File menu. Enter the serial number of the molbloc that you wish to restore. The software will first attempt to verify invalid eeprom data. When invalid data is verified, a status message reflecting this problem is printed in the upper left corner of the form and the molbloc is restored. If it turns out that the molbloc does not have invalid data, the user still has the option to rewrite the data anyway. Repeat this procedure for as many molblocs as necessary. Select exit from the file menu to quit the program.

- *Turn off molbox1 while connecting and disconnecting molblocs.*
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File: Special Restore

Certain types of eeprom corruption can cause molbox1 to 'lock up.' This is evident when blocload returns a Time-Out error. Before assuming this is the problem, make sure that all of the PC and molbox1 connections are secure. If the connections are secure and the Time-Out error persists, turn off molbox1, power it back on and run the Special Restore option under the File menu. The only difference between the Special Restore option and the Restore molbloc option is that molblocs are immediately initialized and corrected after the Special option is selected. The Restore molbloc option attempts to first verify invalid data on the eeprom then restore the molbloc. This verification may fail on molblocs with extreme corruption.

TROUBLESHOOTING

During the verification process there may be molbox1 error messages displayed. This is usually caused by corrupted eeprom data and nothing to worry about. Select OK to close any of these messages and continue.

If the current Windows™ directory is not the same as the installation directory of blocload, an error will occur while trying to setup the restore file after the Load option is selected. To select the proper restore file from a file box, select the Restore molbloc option and enter \\ and press Return. A file box will appear with a list of restore files (*.brs). The name of each file is the serial number of the molbloc that it will restore. Select the file that matches the serial number of the molbloc.