opening on the programmer's front panel. For installation, reverse the procedure.

2.3.4 FUSE ACCESS

There are no user-accessible fuses. An in-line circuit breaker acts as the power on/off switch. Other fuse protection is on the Filter Board. If any of the fuses on the Filter Board burn out, service will be necessary. Contact your Data I/O Service Center.

2.4 PROGRAMMING MODULE INSTALLATION

Install programming modules and socket adapters in the programmer according to paragraphs 2.4.1 and 2.4.2.

2.4.1 THE PROGRAMMING MODULE

A programming module can be installed when the programmer power is either on or off. This feature allows RAM data to remain intact during module changes. Check the Data I/O *Comparison Chart* to select the appropriate module.

To install the module, slide it into the opening, hooking the flange of the module under the back edge of the programmer opening and lower it into position. Press gently on the front edge to ensure a good connection. The audible alarm will stop when good contact is made. Figure 2-1 illustrates this procedure. To remove the module, reverse the installation procedure.

2.4.2 THE SOCKET ADAPTER

If the programming module requires a separate socket adapter, install it in the socket receptacle on the front panel of the programming module as shown in Figure 2-1. See the *Comparison Chart* to select the appropriate socket adapter.

2.5 SERIAL INTERFACE

An RS232C and 20 mA current loop serial interface is used to connect the 29A to computer systems and other peripherals.

2.5.1 CABLING

To connect the 29A to other instruments, you must use the RS232C or 20 mA current loop specifications given in Table 2-3. Figure 2-2 shows sample interconnections in the serial interface. When using the standard terminal remote control, use a half duplex 3-wire hook-up without handshaking.

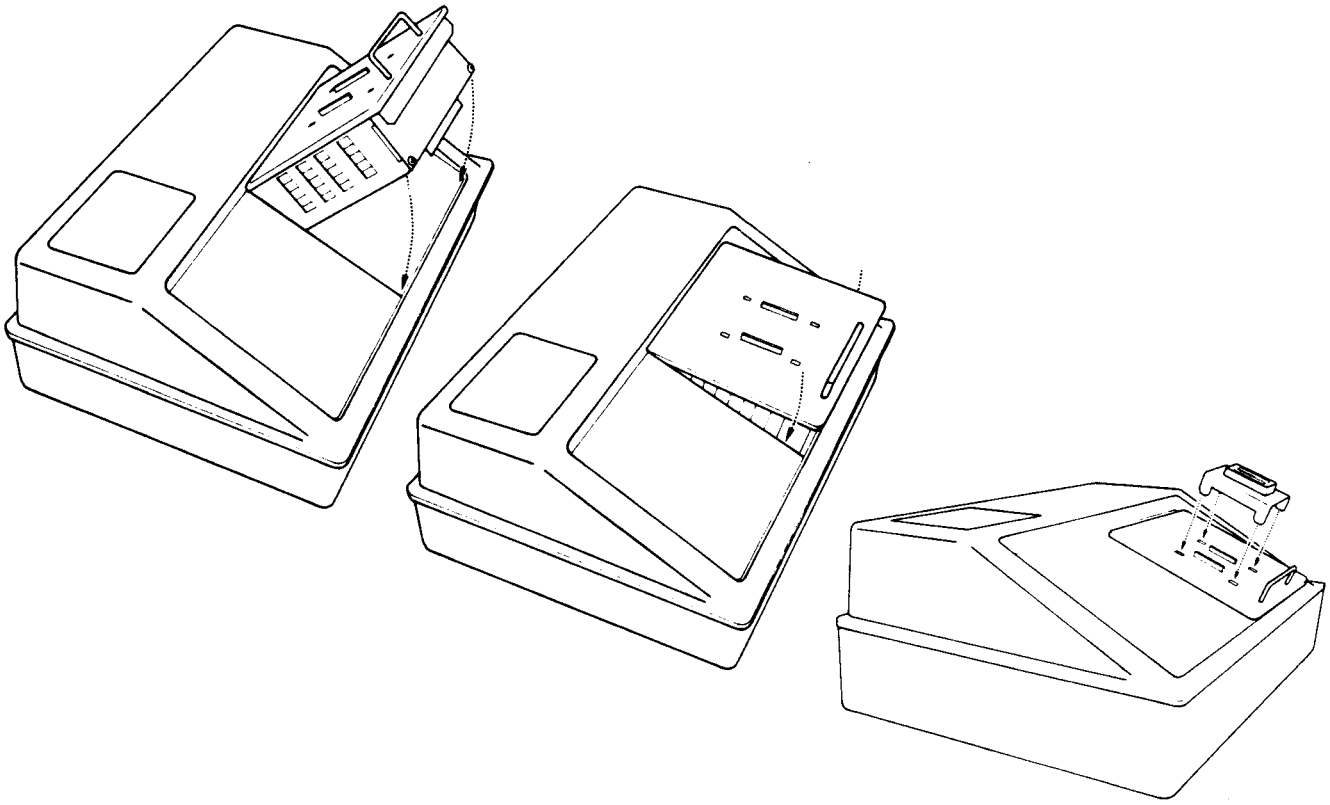

Figure 2-1. Programming Module and Socket Adapter Installation