

## CARE OF ZIF SOCKETS

### GENERAL

A large proportion of machines returned to us for servicing suffer from dirty or contaminated ZIF sockets. Regular attention to cleaning of these sockets will save you money and avoid loss of programming time. The cleaning procedure is simple and should be carried out at regular intervals.

### TYPICAL FAULT SYMPTOMS

Irregular programming failures. On the P8000 and P9000 models, one or more devices will fail to program/verify.

On the XP640 and EP8000, intermittent insertion and power supply faults may be indicated. Different results may be obtained each time an EPROM is placed in the same socket.

### CLEANING PROCEDURE

1. Remove the two cover screws.
2. Remove top part of ZIF, taking care not to loose the ZIF lever and pressure plate.
3. Examine the jaws carefully.  
Common contaminants include dirt, metallic dust, grease and oil.
4. Brush vigorously with a nylon bristle brush sprayed with acetone or similar.
5. Reassemble carefully, not forgetting the pressure plate.

### FINALLY

If faults persist, first check device setting. Then check your EPROMs - are they properly erased, are the pins clean, are they the right type etc. If regular failures occur with known good devices, the machine should be returned for servicing.

### RETAINING SCREWS

