Resurrecting a Set of Cromemco™ 3K Control Basic EPROMs with a Hacksaw

By

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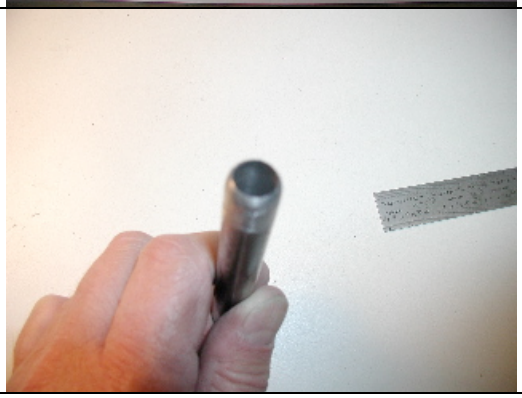
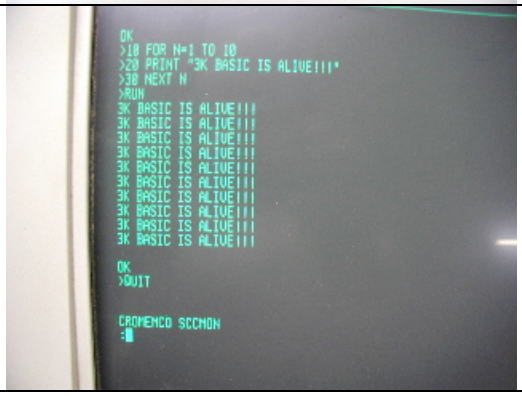
This is the **Hacksaw**…	
…that cut the **Pipe**…	

…that stamped out the **Pads**…	
…that repaired the **Plungers**…	
…that fixed the **Keyboard**…	
…that enabled the **System**…	

…that resurrected the **EPROMS**…	
…that plugged in the **Board**…	
…that ran the **BASIC**…	

… that **Cromemco** made!

NOTES: The **Keyboard** is a 1979 KeyTronics™ capacitance-based keyboard, the repair of which is extensively documented in a separate (serious) paper. The **System** is a fantastic 1979 GenRad FutureData 2300 8-bit development system, used extensively by me during the period 1979-1986 at Planning Research Corporation and is believed (by me) to be the only working example of its kind left anywhere. The **Board** is an S-100 bus 4 Mhz Z-80 based Cromemco Single Card Computer equipped with 3 parallel ports, a serial port, space for 8K of 2716 EPROMs and 1K of static RAM. The **EPROMS** are 2Kx8 Intel 2716 EPROMS. The **BASIC** is Cromemco's MCB-216 3K Control Basic and Monitor PROM set, restored to original condition from a version I hacked back in 1982, but managed to keep a copy of on a 23 year-old 8-inch floppy. The MCB-216's are a real testament to the Z-80 wizardry of the Cromemco programming team. Incredibly tight code. Copies of the resurrected MCB-216's and related documentation may be obtained from several retrocomputing and S-100 related websites. Google for "Cromemco 3K Basic", "Cromemco Z-80 Monitor" for further light reading. Permission granted to post this document freely.