

In issue #12 of Hardcore Computist RAC of Detroit MI wrote about a Locksmith 5.0 bug. He explained that if the default parameters values of #13E and #151 were changed to \$01 and \$0D respectively then Locksmith 5 became a very good nibble copier. However he did not elaborate on how to make this the default value.

After being fooled by pseudo parameter tables at 3.D and A.D (Track.Sector), I was able to track down the right track by switching between the restore default parameters command and Inspector/Watson's read sector command and listening to the drive head move. Next I zeroed out individual sectors on track 7 until the parameters changed (of course this was all done on a backup copy).

The default parameter sector, for parameters > \$100, is \$D. During the loading process, the parameters are XORed with their position, ie. the value at 7.D \$51 is XORed with \$51 to become parameter \$151. A similar process is used for the name display and serial number. Therefore to permanently change the default parameters, \$151 -> \$0D sector edit 7.D \$51 -> \$5C and 7.D \$3E -> \$3F. Parameter \$151 is now \$0D and \$13E is now \$01. If you want 'NOTIFY' to default to ON change 7.D \$99 to anything but \$99, as \$99 will XOR to \$00.

From Locksmith Newsletter #2, Level G patch: removes copy protection

621006FCB0D4EC
CE0F064E89
*NOW AT REVISION LEVEL G

Installing Inspector/Watson on Locksmith 5.0 disk

Invoke Inspector/Watson

Insert LS disk (make sure it is write enabled)
type in the following:

T 1 2 <RET> B D 0 <RET> <CTRL>W

then <CTRL>I 15 times. You should be at buffer DF00. Installation complete.
(<RET> = return key, <CTRL> = control key)

- Pat Ford