Restoring A Black Widow Hard Drive

Restoring Black Widow Software from a Local Backup

The Black Widow software can be restored from a backup located on most Black Widow hard drives. To perform a restore from the software backup of a Black Widow, follow the instructions below:

Warning: Performing a restore will change all leagues, stats and settings to factory defaults.

1. Turn off the Black Widow.
2. Plug an AT keyboard into the keyboard port of the Black Widow CPU assembly.
3. Turn the Black Widow on.
4. During the boot up process "Starting ROM-DOS" will be displayed on the screen, press the F5 key on your keyboard.
5. Press the TEST button on the IOB card to turn off the Watch Dog IOB Timer. This will stop the Black Widow from rebooting while in DOS. When the Watch Dog is turned off, the red/yellow LED above the test button on the IOB card will blink slower.
6. Press ENTER at the "Enter New Date" prompt and again at the "Enter New Time" prompt.
7. Check that the software backup can be accessed by typing `D:`, and then press ENTER. If "Invalid Drive Specification" appears after pressing ENTER, then the software backup is not available. If this is the case, refer to the **Restoring the Black Widow Software from Another Black Widow Hard Drive** section below.
8. If the screen displays D:\> return to the C prompt by typing `C:`, and then press ENTER.
9. At the C prompt, type `restore`. This will restore the software back to the original factory condition.

Restoring the Black Widow Software from Another Black Widow Hard Drive

Some Black Widow hard drives do not have a software backup on them. In this case a second working Black Widow hard drive with good software can be installed. The restore function can then be used to restore from the second Black Widow hard drive.

Warning: Performing this restore will copy all leagues, stats, and settings from the second hard drive to the hard drive you are restoring.

1. Turn off the Black Widow.
2. Unplug all external cables and wires from the CPU assembly.
3. Remove the CPU assembly from the cabinet.
4. Using a known working IDE cable, plug the second Black Widow hard drive into the secondary master IDE port and connect power to it.
5. Plug an AT keyboard into the keyboard port of the Black Widow CPU assembly.
6. Turn the Black Widow on.
7. On boot up, press the DELETE key to enter the BIOS Setting menu.

8. Press the TEST button on the IOB card to turn off the Watch Dog IOB Timer. This will stop the Black Widow from rebooting while in DOS. When the Watch Dog is turned off, the red/yellow LED above the test button on the IOB card will blink slower.
9. Go into the "STANDARD CMOS SETUP" menu.
10. Make sure the **Secondary Master** is set to "Auto". Press the ESC key to exit "STANDARD CMOS SETUP".
11. **Save** and **Exit** the BIOS Setting menu. This will reboot the Black Widow.
12. At the "Starting ROM-DOS" prompt, press the F5 key on your keyboard.
13. Press the TEST button on the IOB card to turn off the Watch Dog IOB Timer. This will stop the Black Widow from rebooting while in DOS.
14. Press ENTER at the "Enter New Date" prompt and again at the "Enter New Time" prompt.
15. Check to make sure the second Black Widow hard drive can be accessed by typing `D:`, and then press ENTER. If "Invalid Drive Specification" appears after pressing ENTER, then the secondary master cannot be accessed. Possible reasons for this could be a bad IDE cable or improper installation.
16. If the second Black Widow hard drive can be read, return to the C prompt by typing `C:`, and then press ENTER.
17. At the C prompt, type **`restore`**. This will copy the software, leagues, stats, and settings from the second Black Widow hard drive.