

FOR THE NEW APPLE THREE OWNER

This is the second in a series of occasional articles in helping "new" owners of Apple ///'s. Many Apple ///'s have been finding their way from corporations and businesses to individuals, small businesses and non-profit groups.

Instructions for Updating Your Boot Diskettes to SOS 1.3:

The first software came out with SOS (Sophisticated Operating System the equivalent to DOS on other machines) Version 1.1. The SOS 1.3 update fixed some bugs contained in SOS 1.1 (like crashing on February 29th.) To find out what SOS your software has, boot it and the first screen will tell you what version you have. If it says SOS 1.3 you won't need to update it. If it says 1.1 then follow the following instructions.

(THE SOS 1.3 UPDATE DISK AVAILABLE FROM OUR PUBLIC DOMAIN LIBRARY)

These instructions are designed to aid you in the process of updating your Apple /// boot diskettes to SOS 1.3.

1. Locate each of your boot diskettes.
2. If the diskette has a write protect tab attached to it, please remove it at this time.

NOTE: For more information on write protect tabs please refer to page 125 in the Apple /// Owner's Guide.

3. If your boot diskette does not have the write protect notch cut out of it, you will have to make a copy of the disk using the system utilities program and then update the copy. This copy will become your new boot diskette.
4. Insert the SOS Update Utility disk into the built-in drive on the Apple ///.
5. Boot the Update Utility disk by turning on the power to your Apple ///.
6. Once the Update Utility is loaded, the screen will display the program name and ask you to type RETURN to continue. Type RETURN at this time.
7. A brief description of the SOS Update Utility will appear on the screen. Again type RETURN when you are ready to proceed.
8. The screen will prompt you to insert your boot diskette into the built-in drive. You should remove the SOS Update Utility diskette at this time and insert your boot diskette into the built-in drive.
9. Type RETURN when you are ready to proceed.
10. The SOS Update Utility will automatically replace the old version of the file SOS.KERNEL on your boot diskette with the new version of SOS.KERNEL.
11. When the file has been replaced, the screen will inform you that the update is complete and will ask you to type RETURN to continue.
12. Remove your boot diskette from the built-in drive and label it as having SOS 1.3 installed.
13. If you Have more Diskettes to update, type RETURN in response to item 11 above, and insert your next boot diskette into the built-in drive.
14. Repeat steps 9 through 13 until you have updated all of your boot diskettes.

Instructions for Updating the Drivers on Your Boot Diskettes

Included on the SOS Update Utility Diskette are new revisions for several Apple /// device drivers. These instructions will aid you in the process of updating the drivers on your boot diskettes. A more detailed discussion of device drivers can be found in the Apple /// Standard Device Drivers Manual.

1. Boot up the System Utilities program on your Apple ///.
2. When the main menu is displayed, type "S" to select the System Configuration Program (SCP).
3. When the SCP menu is displayed, type "R" to Read a Driver File.
4. Insert your boot diskette into the built-in drive and type RETURN to accept the default drive as .D1.
5. SCP will read in your existing driver file and list the drivers present in your system.
6. At the end of these instructions is a list of all the new device drivers located on the SOS Update Utility diskette. If you have any of the same drivers on your boot diskette, you should replace them with the new ones. The following steps will describe how to do this. For simplicity, let's assume that you have to update a console driver (CONSOLE.DRIVER).
7. Type Escape to return to the SCP menu.
8. Type "D" to Delete a Driver. The screen will list all the drivers on your boot diskette.
9. Use the arrow keys to point to the ".CONSOLE" driver, and press the RETURN key.
10. SCP will prompt you to verify that you wish to delete the console driver. Type "Y" in response to the prompt.
11. Type ESCAPE to return to the SCP menu.
12. Type "R" to Read a Driver File.
13. Remove your boot diskette and insert the SOS Update Utility diskette into the built-in drive.
14. Type ".D1/CONSOLE.DRIVER" and press the RETURN key.
15. After the file has been read, remove the SOS Update Utility diskette and insert your boot diskette into the built-in disk drive.
16. Type ESCAPE to return to the SCP menu.
17. Type "G" to Generate a New System.
18. Type ".D1/SOS.DRIVER" and then RETURN.

NOTE: Your boot diskette must not have a write protect tab attached to it in order to update the drivers.

19. SCP will inform you that the file SOS.DRIVER already exists, and will ask you if you wish to delete it. Type "Y" to delete the old version of the driver from your diskette.
20. If you set the write protect option (the software option, not the tab), SCP will inform you that the file is write protected, and will ask you if you wish to delete it anyway. Type "Y" to delete the file.
21. This completes the update process.

The following drivers are contained on the SOS Update Utility diskette: All are Version 1.3

PROFILE.DRIVER	Profile(tm) Driver
FMTDX.DRIVER	Format Driver
CONSOLE.DRIVER	Console Driver
SERPRINT.DRIVER	Serial Printer Driver
PARPRINT.DRIVER	Parallel Printer Driver
RS232.DRIVER	RS232 Serial Driver
TCLOCK.DRIVER	Thunder Clock Driver
GRAFIX.DRIVER	Graphics Driver

Additional Help in Updating Drivers

If you find that you do not have enough memory to read all the drivers that you need to update, the following procedure can be used to complete the update procedure. These instructions are general, and you should consult the Apple /// Standard Device Drivers Manual if you need more specific help on a certain command.

1. Boot up the Apple /// Systems Utilities diskette and select the SCP program.
2. Insert your boot diskette that needs to be updated into the built-in drive.
3. Read the SOS.DRIVER file from the boot diskette.
4. Use SCP to delete all of the drivers that need to be updated.
5. Generate a new system using SCP and save it on your original boot diskette as SOS.DRIVER. During generation, you may get the error message "NO ACTIVE CONSOLE DRIVER". You can ignore this at this time.
6. When the generation is completed, exit the SCP program and return to the Systems Utilities main menu.
7. Select the SCP program again.
8. Read the SOS.DRIVER file from the boot diskette.
9. Remove the boot diskette and insert the SOS Update Utilities diskette into the built-in drive.
10. Read each of the drivers from the Update diskette.
11. Replace the boot diskette into the built-in drive.
12. If you have added drivers that require peripheral slot assignments (see page 20 of the Standard Device Drivers Manual) be sure to do this at this time.
13. When you have set all the slot assignments, generate a new system using the SCP Generate function (page 24 of the Standard Device Drivers Manual).
The default of ".D1/SOS.DRIVER" is correct.
14. This completes the driver update routine. Again, please refer to the Apple /// Standard Device Drivers Manual for more details concerning the different routines used to perform this update.