

Installing Apple Service Diagnostic on a USB hard drive

ASD version 3S117 and newer requires installation onto an external USB hard drive.

Requirements

- a Macintosh running OS X version 10.4 or later
- an external USB 2.0 hard drive with at least 4GB or larger capacity
- Disk Utility (located in /Applications/Utilities)

Installation Instructions

- 1) Connect the external USB hard drive to your Macintosh.
 - 2) Open Disk Utility (located in /Applications/Utilities).
 - 3) Select the external USB hard drive.
 - 4) Click the Partition tab to partition the drive into two volumes as follows:
 - For ASD (OS), the partition size must be 5.4GB or larger. Name this volume ASD OS 3S119.
 - For ASD (EFI), the partition size must be 20MB or larger. Name this volume ASD EFI 3S119.
- Click on Options and select GUID Partition Table as the partition scheme.
- 5) Click Partition to partition the hard drive.
 - 6) In the Finder, double-click on the ASD 3S119.dmg file to mount the image. Within it are two disk images, one for EFI, ASD EFI 3S119.dmg, and one for OS X, ASD OS 3S119.dmg volume.
 - 7) In Disk Utility, select the volume on the USB hard drive named "ASD OS 3S119"
 - 8) Click on the Restore tab
 - 9) For Source, select the ASD OS 3S119 disk image by either dragging the icon for the disk image to the Source window, or selecting it by clicking on the Image... button.
Note: Image ASD OS 3S119.dmg should be unmounted before Restoring the image to the hard drive.
 - 10) For Destination, drag the icon for the volume ASD OS 3S119 from the left-hand column to the Destination window.
 - 11) Click the Restore button to start the installation.
 - 12) In Disk Utility, select the volume on the USB hard drive named ASD EFI 3S119.
 - 13) Click on the Restore tab
 - 14) For Source, select the ASD EFI disk image by either dragging the icon for the disk image to the Source window, or selecting it by clicking on the Image button.
Note: Image ASD EFI 3S119.dmg should be unmounted before Restoring the image to the hard drive.
 - 15) For Destination, drag the icon for the volume ASD EFI 3S119 from the left-hand column to the Destination window.
 - 16) Click the Restore button to start the installation.