

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 10.5 or later
- an external USB 2.0 hard drive with at least 5GB 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 with the version number.
 - For ASD (EFI), the partition size must be 20MB or larger. Name this volume with the version number.
- 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 .dmg file to mount the image. Within it are two disk images, one for EFI, and one for OS.
- 7) In Disk Utility, select the volume on the USB hard drive that begins with, "ASD OS".
- 8) Click on the Restore tab
- 9) For Source, select the ASD OS 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: ASD OS .dmg should be unmounted before Restoring the image to the hard drive.
- 10) For Destination, drag the icon for the ASD OS volume 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 that begins with, "ASD EFI".
- 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: ASD EFI .dmg should be unmounted before Restoring the image to the hard drive.
- 15) For Destination, drag the icon for the ASD EFI volume from the left-hand column to the Destination window.
- 16) Click the Restore button to start the installation.