Supplemental Reference to 'Savvy Leaflet' No. 1

ZIP Drive Installation

(A tip to know) : The removable ZIP disk is one of the most versatile magnetic storage media
for dynamic re-organization of files.   There is no way to re-organize files on a CD disk.

[Example circa 2003-2004]
Windows XP : automatically recognizes **USB**[*1] **ZIP Drive (External)**.
Macintosh OS 9.1 & OS X : automatically recognizes the same **USB ZIP Drive (External)**.

[*1]. USB, Universal Serial Bus, is the most common connection port and cable for small peripheral hardware when a
user wants them connected to the personal computer (PC/Macintosh).   It is relatively new; likely after circa 1998.

(A secret tip to know) : Why can the same ZIP Drives be recognized by the different
platforms?   The secret is in Universal Serial Bus (USB) and its way of sending the digital
information.   Anything called "Serial" means that the digital information is flowing in the single
stream.   Under the USB architecture, all single steam of digital information has the leading
Tags in front, so that the packet of digital information only reaches to the Tag-corresponding
hardware.   Even though they are flowing like a river, due to the Tags, un-related hardware
doesn't interact with the digital flow.   Thus, although the same ZIP Dives can be used, due to
the different Tags from PC or Macintosh, the same ZIP Drive can respond properly for PC or
Macintosh, respectively.

[Example circa 1998-2001]
Windows 98 : **Parallel**[*2] **Port ZIP Drive (External)**.   The package came with the ZIP Drive
and 'Solutions CD' containing the driver[*3].   Insert the 'Solutions CD', and it usually starts
automatically.   Among the few icons, click 'IomegaWare', then 'Click to Install'.   After the
installation of the driver, it prompts to shut-down the computer and to connect the ZIP Drive to
the computer.   Connect it.   Once the computer restarts, it shows recognition of the ZIP
Drive(s). Congratulations!
CD Auto-run Trouble Shooting : Bypass the auto-run (Start.exe), but go directly to the
Setup.exe manually[*4].

[*2]. On the contrary to 'Serial', 'Parallel' means digital information is sending along multiple streams simultaneously in
parallel ways.   It is like the river running in multiple parallel streams.

[*3]. The term **"driver"** may be vague at first, because it is not like a screw driver you can touch.   In the computer
world, the driver is the written tool for the computer to drive the small peripheral hardware.   It is not your screw
driver, but for the computer it is the driver to drive or communicate with the small hardware parts, such as the ZIP
Drive.   After all, the driver consists of written specific instructions about how to communicate from the computer to
the small peripheral hardware.   You can rewrite or overwrite if you want to change or update it just like your word-
processor text.

[*4]. One of common error messages during the installation of driver is "Start (X); This program has performed illegal
operation and will be shut down."   This error is just because of a fancy auto-run (cover page) of 'Solutions CD'.
Driver installation programs beneath the cover page are usually functional, so please bypass the auto-run (please do
not click 'Solutions' icon in My Computer), but do this [Start icon (menu, right click on mouse) -> Explore -> Go to
'Solutions' CD -> Expand it (+) and go to IomegaWare, pick a favorite folder, and finally find the 'Setup.exe.' ->

Double click it].   Alternatively, [Start icon (menu) -> Run ...-> Browse ... and locate 'Setup.exe' by a similar way]. This error may happen when the Display setting has low resolution and low color numbers.

[No Internal ZIP Drive Example is available at this point]
[No Unix or Linux ZIP Drive Example is available at this point]

[Example circa 1997-1998]
Macintosh OS 8.x, 9.1 : **SCSI*5 Port ZIP Drive (External)**.   If your Macintosh doesn't have the USB port, likely option is a SCSI port.   Iomega no longer manufactures SCSI Port ZIP Drive, so you must buy them from special vendors*6.
The package came with ZIP Drive, 4 PC Floppy Install Diskettes, and 100 MB ZIP Tools Disk, but no CD.   For Macintosh, none of PC Floppy Install Diskettes are needed, but only the 100 MB ZIP Tools disk.   Connect the ZIP Drive to Macintosh.   Insert the 100 MB ZIP Tools disk, then start Macintosh.   It automatically recognizes the Tools disk.   Double-click the Iomega Installer icon.   Congratulations!   It should be ready to use.

*5. SCSI, Small Computer System Interface (pronounced 'scuzzy'), was once popular for connecting peripherals onto Macintosh and UNIX computers ca. 1993-1997, then it was mostly taken over by USB thereafter.

*6. Such as: www.Baber.Com, www.DataCity.Com, and www.eBay.Com.

[Example circa 1995-1998]
Windows 95 without CD Drive : **Parallel Port ZIP Drive (External)**.   The package came with ZIP Drive, 4 Floppy Install Diskettes, and 100 MB ZIP Tools Disk, but no CD.
During this period, the CD Drive was gaining popularity but not for all, the Floppy-Drive was universal.
Connect the ZIP Drive first to the computer (See the difference of 'Solution CD' procedure above).   Insert both 100 MB Tools disk and Floppy Install Diskette.   Then follow the instructions described in "Owner's Manual".   Congratulations!

[Example circa 1994-1995]
Windows 3.1 without CD Drive : **SCSI Accelerator ZIP ZOOM ISA*7 Card*8 + SCSI ZIP Drive (External)**.   Windows 3.1 might not be fast, so resellers often suggested the use of a special accelerator card called "ZIP ZOOM".   Put the "ZIP ZOOM" ISA card inside of the PC computer's ISA slot.   The package came with ZIP Drive, one PC & one Macintosh Floppy Install Diskettes, and 100 MB ZIP Tools Disk, but no CD.   Connect the ZIP Drive to the PC computer.   Insert both PC Floppy Install Diskette and the 100 MB ZIP Tools.   Then follow the instructions described in "Installation Guide for IBM-Compatible PC".   Congratulations!   It should be ready to use.

*7. ISA, Industry Standard Architecture, was once a popular plug-in slot on the mother board, inside the computer. It was considered innovative, because by putting additional hardware into the open ISA slot(s), a user could add new

functions to the computer.   Now, ISA slot is succeeded by PCI slot for desktop or PCMCIA slot for laptop/notebook.

*8. 'Card' is also called 'Board'.   It is about 2" x 5" rectangular in shape, attachable hardware, and usually a green or brown color board mounted with many ICs (Ingetrated Circuits), standardized by ISA or PCI slots.   The function could be for Sound, for Modem or for new Ports, etc.

[Variations of ZIP Drive and JAZ Drive]
- [ZIP Drive Variations circa 2002-2004]   There are a few options to choose: 100 MB, 250 MB, and 750 MB.
- [ZIP Drive and JAZ Drive circa 1997-1999]   Several years ago, ZIP Drive meant 100 MB, and JAZ Drive meant 1 GB or 2 GB.

Revised May 2005; edited December 2004.