

minutes for ST336754 models, 60 minutes for ST373454 models, and 90 minutes for ST3146854 models.

Protect against power failure or other power interruptions during the format.

- Turn on DC power to the host system.
- Boot the system from a system floppy, CD, or from a previously installed hard disc drive if there is one.
- Format the drive.

Caution. Formatting a drive erases all user data. Be sure that you understand this principle before formatting any hard disc drive. It is not necessary to format a drive that previously has been used to store data, unless your intention is to erase all user data. Seagate® is not responsible for lost user data.

Cheetah 15K.4 disc drives are designed to operate with a variety of operating systems. Please refer to your system or SCSI controller manual for information about formatting and setting up the drive. Some quick desktop system notes are provided below.

- Microsoft™.** Set the drive type in CMOS to "Zero," "None," or "No hard drive installed." Use FDISK.EXE and FORMAT.EXE. Systems using Windows 98 or later can create one single partition (drive letter) on the drive.
- Macintosh™.** Use Apple's Disk Utility (typically found in the Applications/Utilities folder on most Mac OS systems) to initialize and partition the drive for an Apple file system.

Troubleshooting

- Drive does not spin up.** Check cables and all jumper settings. Make sure cable pin 1 (edge stripe) matches PCB pin 1.
- Drive spins, but no LED on/off activity.** Check SCSI ID setting. Set the ID so that each device on the SCSI chain has its own unique ID. See also the next item below. Host I/O controller is usually ID7.
- Computer does not seem to recognize the drive.** Verify that the drive is enabled by the SCSI host adapter setup utility.
- FDISK does not detect the drive.** Run the FDISK program located on your Windows startup diskette. Type fdisk/status to verify that your hard drive is present.

Seagate support services

For online information about Seagate products, visit www.seagate.com or e-mail your disc questions to DiscSupport@Seagate.com.

If you need help installing your drive, consult your dealer first. If you need additional help, call a Seagate technical support specialist. Before calling, note your system configuration and drive model number (ST3146854LW, ST3146854LC, ST373454LW, ST373454LC, ST336754LW or ST336754LC.)

Africa	+31-20-316-7222	New Zealand	0800-443988
Australia	1800-14-7201	Norway	800-113 91
Austria	0 800-20 12 90	Poland	00 800-311 12 38
Belgium	0 800-74 876	Spain	900-98 31 24
Denmark	80 88 12 66	Sweden	0 207 90 073
France	0 800-90 90 52	Switzerland	0 800-83 84 11
Germany	0 800-182 6831	Singapore	800-1101-150
Hong Kong	800-90-0474	Taiwan	+886-2-2514-2237
India	1-600-33-1104	Thailand	001-800-11-0032165
Indonesia	001-800-1-003-2165	Turkey	00 800-31 92 91 40
Ireland	1 800-55 21 22	United Kingdom	0 800-783 5177
Italy	800-790695	USA/Canada/	1-800 SEAGATE or
Japan	0034 800 400 554	Latin America	+1-405-936-1234
Malaysia	1-800-80-2335	Other European	countries
Middle East	+31-20-316-7222		+31-20-316-7222
Netherlands	0 800-732-4283		

Warranty. Contact your place of purchase or our web site (above).

Return Merchandise Authorization (RMA). Before returning the drive, verify that it is defective. Seagate Worldwide customer service centers are the only facilities authorized to service Seagate drives. Contact nearest center for return procedures and trade regulations.

Shipping the drive

Caution. Back up the data before shipping. Seagate assumes no responsibility for data lost during shipping or service. Shipping drive in an unapproved container voids the warranty. Pack the drive with original box and packing materials. Use no other materials. This prevents electrical and physical damage in transit.

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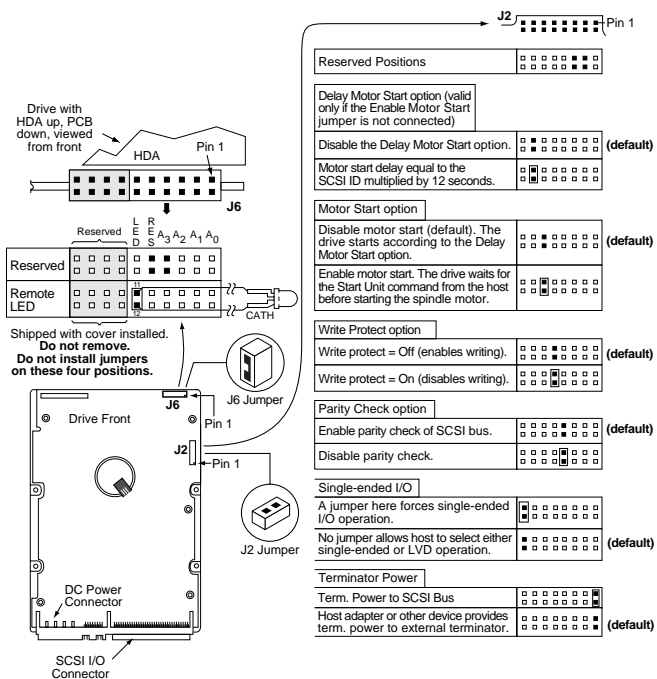


Figure 2. Option select jumpers (LW model only)

4. Connect the drive activity LED (optional)

Connect the Drive Activity LED cable to J6 pins 11 and 12 (see Figure 2), or connect a drive ID and Drive Activity LED cable to J5, depending on host system requirements.

5. Check the other available jumper settings

Select other options on J2 as illustrated in Figure 2. Do not change these unless instructed to do so by the host system documentation.

6. Mount the drive in the host system and connect cables

Note. LC drives are designed to be attached to a carrier or tray and inserted into the host system without I/O or power cables.

- Mount LW model drives to the host system's chassis using four 6-32 UNC screws. Two mounting holes are in each side of the drive and there are four mounting holes in the bottom of the drive. Do not over-tighten or force the screws. You can mount the drive in any orientation.
- Connect the SCSI I/O cable into the drive's SCSI connector. Take care not to stretch or crimp this cable, and do not block the system's cooling air flow with the cable.

Note. For Ultra2 and faster operation, special twisted pair LVD cables are required.

- Connect the DC power cable to the drive. See Figure 3.

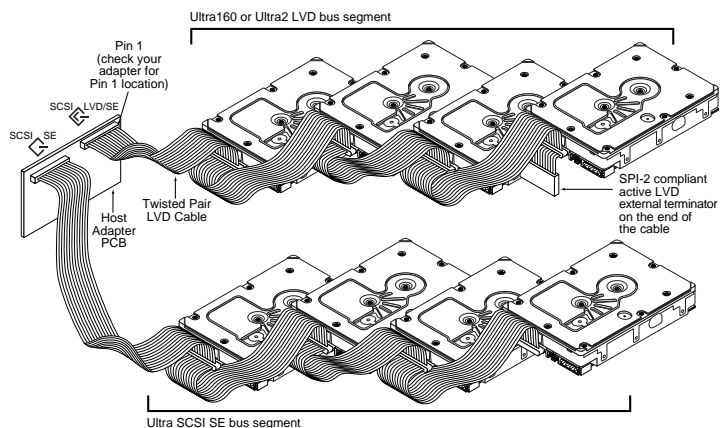


Figure 3. Cable connections and external termination

7. Format the drive

The drive has been low level formatted at the factory. You do not need to perform another low level format on this drive unless you decide to perform certain diagnostics through the host adapter. If you do decide to perform a low level format, do not abort the format as this is likely to make the drive inoperable. A low level format, with verify turned on, will typically take 30